

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011223\  
 Data File : PL080273.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jan 2023 06:13  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 12 06:29:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 12 01:47:41 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... | 3.352  | 2.690  | 103.7E6  | 133.7E6  | 51.887  | 59.779   |
| 28)                         | SA Decachlor... | 8.786  | 7.841  | 77738616 | 112.9E6  | 52.690  | 50.220   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.814  | 3.178  | 3021322  | 291206   | 1.046   | 0.091 #  |
| 3)                          | MA gamma-BHC... | 4.151f | 3.527  | 1026638  | 179048   | 0.384   | 0.059 #  |
| 4)                          | MA Heptachlor   | 4.711  | 3.862  | 65152346 | 59801912 | 25.029  | 18.574 # |
| 5)                          | MB Aldrin       | 5.025f | 4.160f | 45257402 | 4877449  | 19.039  | 1.639 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.821  | 0        | 74127    | N.D.    | 0.055 #  |
| 7)                          | B delta-BHC     | 4.569  | 4.045  | 1119320  | 5479843  | 0.428   | 1.896 #  |
| 8)                          | B Heptachlo...  | 5.458f | 0.000  | 31458009 | 0        | 14.169  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.004  | 0        | 10116862 | N.D.    | 3.870 #  |
| 10)                         | B gamma-Chl...  | 5.730  | 4.896  | 136.9E6  | 123.0E6  | 62.513  | 43.059 # |
| 11)                         | B alpha-Chl...  | 5.812  | 4.959  | 203.7E6  | 129.5E6  | 93.876  | 45.275 # |
| 12)                         | B 4,4'-DDE      | 5.965f | 5.180f | 1570156  | 215270   | 0.810   | 0.092 #  |
| 13)                         | MA Dieldrin     | 6.132  | 5.259f | 9478920  | 3646580  | 4.613   | 1.338 #  |
| 14)                         | MA Endrin       | 6.380f | 5.560  | 6900035  | 8870507  | 3.762   | 3.728    |
| 15)                         | B Endosulfa...  | 6.560f | 5.853  | 5515047  | 47171343 | 2.859   | 19.447 # |
| 17)                         | MA 4,4'-DDT     | 6.811  | 5.952  | 866406   | 547363   | 0.491   | 0.260 #  |
| 18)                         | B Endrin al...  | 6.709  | 6.034  | 2796424  | 694526   | 1.938   | 0.381 #  |
| 19)                         | B Endosulfa...  | 6.938  | 6.253  | 556482   | 1647457  | 0.319   | 0.710 #  |
| 20)                         | A Methoxychlor  | 7.269f | 6.525  | 441291   | 304176   | 0.495   | 0.253 #  |
| 23)                         | Chlordane-1     | 4.499  | 3.688  | 40927365 | 39983651 | 525.626 | 490.327  |
| 24)                         | Chlordane-2     | 5.025  | 4.265  | 45257402 | 45178140 | 514.327 | 431.102  |
| 25)                         | Chlordane-3     | 5.730  | 4.896  | 136.9E6  | 123.0E6  | 421.656 | 430.911  |
| 26)                         | Chlordane-4     | 5.812  | 4.959  | 203.7E6  | 129.5E6  | 509.806 | 452.768  |
| 27)                         | Chlordane-5     | 6.653  | 5.626  | 36099929 | 36391599 | 510.052 | 455.265  |
| -----                       |                 |        |        |          |          |         |          |

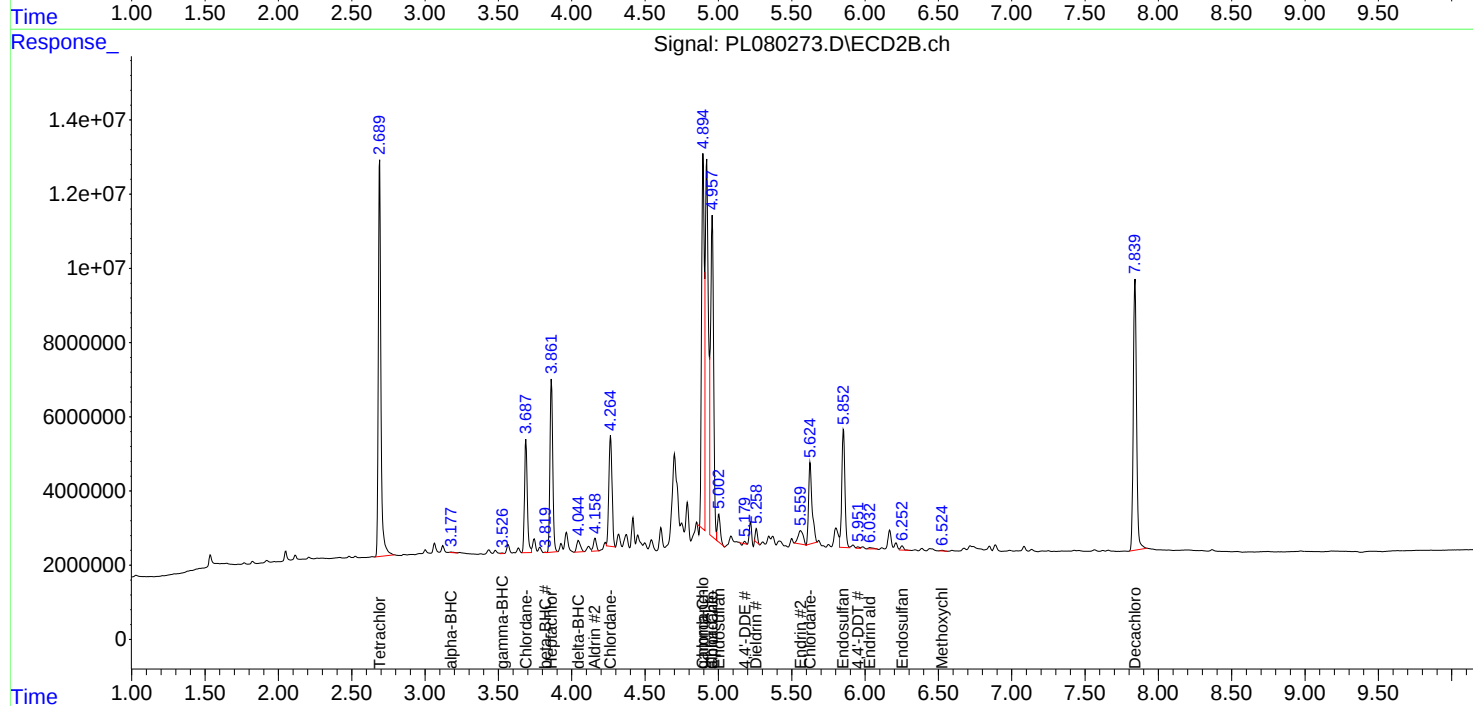
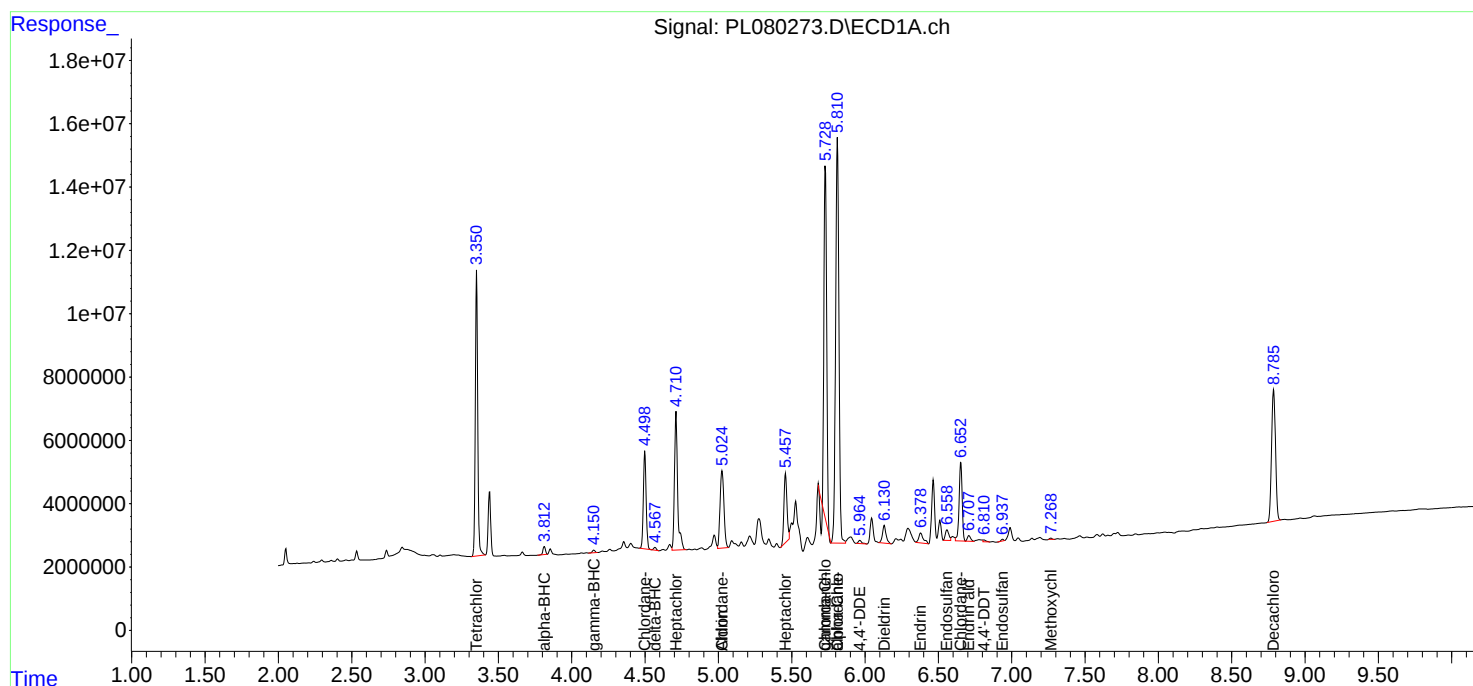
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

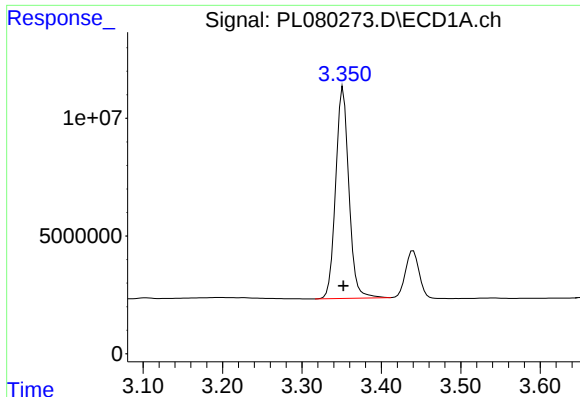
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011223\  
Data File : PL080273.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jan 2023 06:13  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 12 06:29:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 12 01:47:41 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

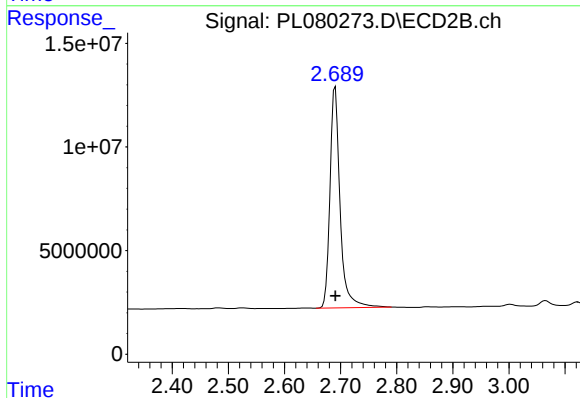




#1 Tetrachloro-m-xylene

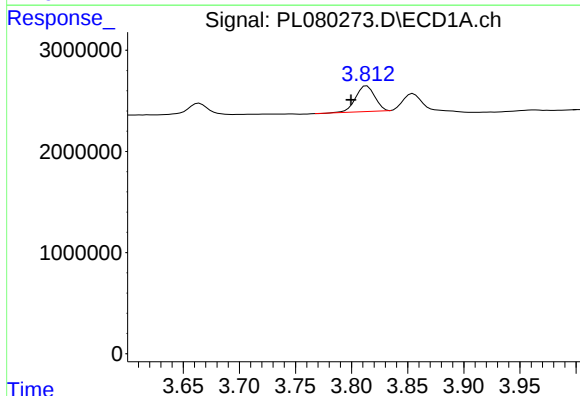
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 103653171  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



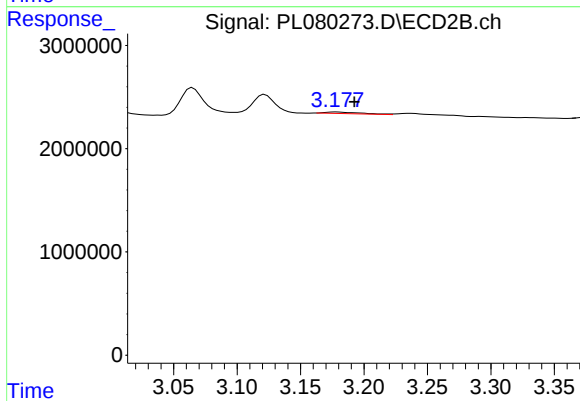
#1 Tetrachloro-m-xylene

R.T.: 2.690 min  
Delta R.T.: 0.000 min  
Response: 133700070  
Conc: 59.78 ng/ml



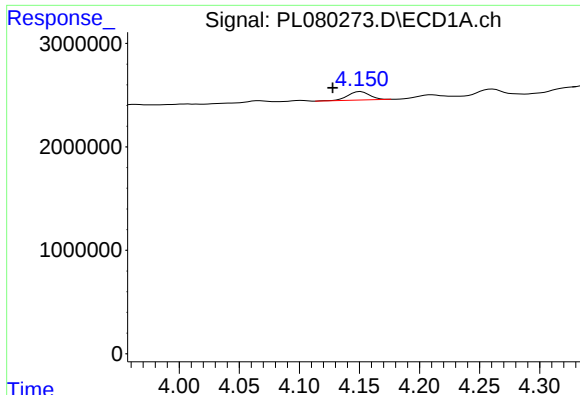
#2 alpha-BHC

R.T.: 3.814 min  
Delta R.T.: 0.014 min  
Response: 3021322  
Conc: 1.05 ng/ml



#2 alpha-BHC

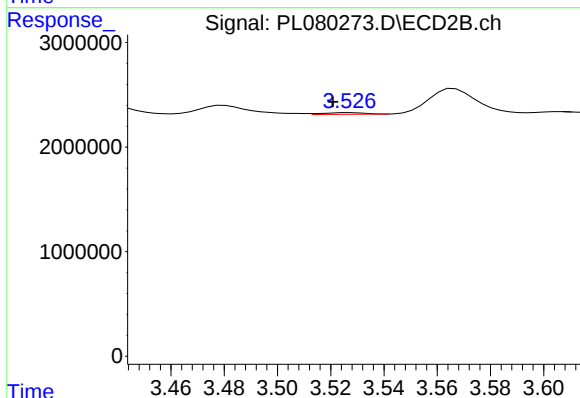
R.T.: 3.178 min  
Delta R.T.: -0.014 min  
Response: 291206  
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

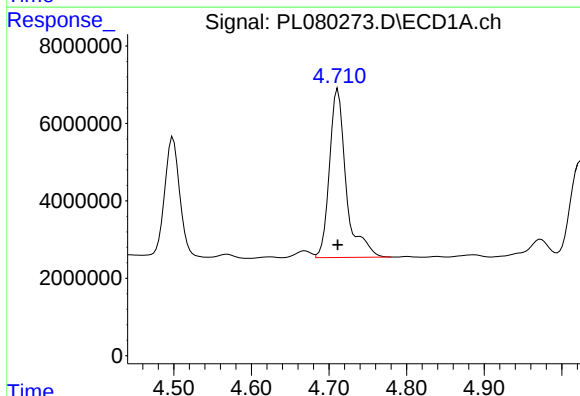
R.T.: 4.151 min  
Delta R.T.: 0.023 min  
Response: 1026638  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



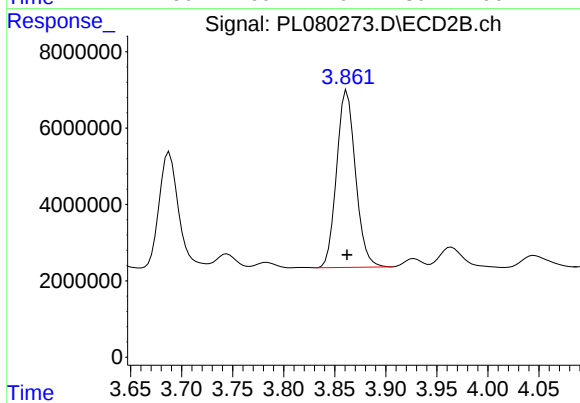
#3 gamma-BHC (Lindane)

R.T.: 3.527 min  
Delta R.T.: 0.007 min  
Response: 179048  
Conc: 0.06 ng/ml



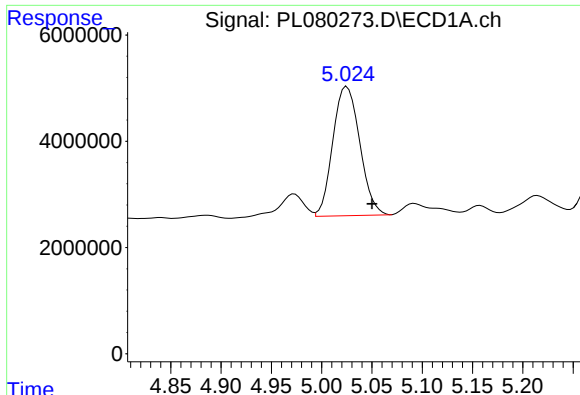
#4 Heptachlor

R.T.: 4.711 min  
Delta R.T.: 0.000 min  
Response: 65152346  
Conc: 25.03 ng/ml



#4 Heptachlor

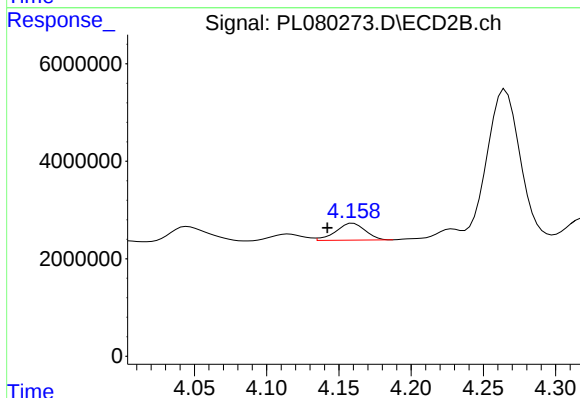
R.T.: 3.862 min  
Delta R.T.: 0.000 min  
Response: 59801912  
Conc: 18.57 ng/ml



#5 Aldrin

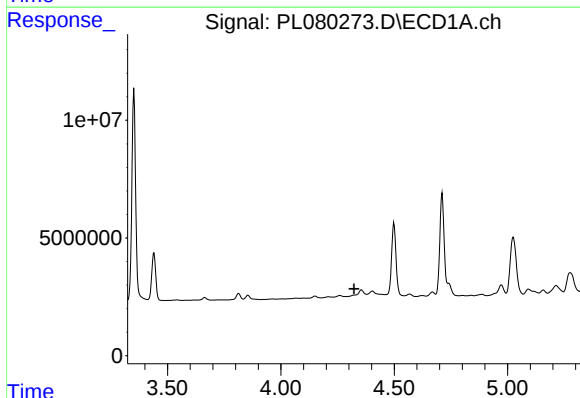
R.T.: 5.025 min  
Delta R.T.: -0.025 min  
Response: 45257402  
Conc: 19.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



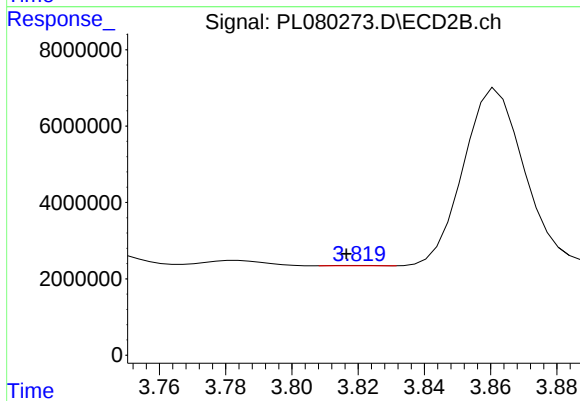
#5 Aldrin

R.T.: 4.160 min  
Delta R.T.: 0.018 min  
Response: 4877449  
Conc: 1.64 ng/ml



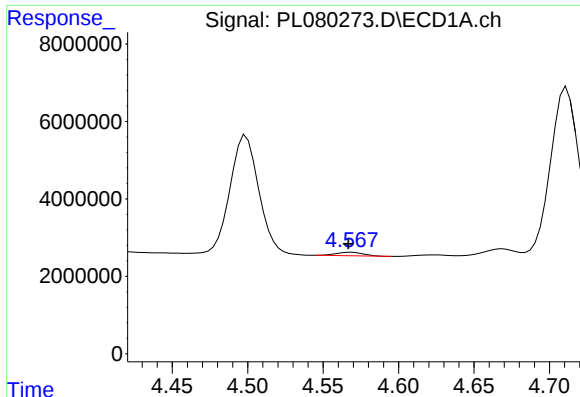
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.323 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

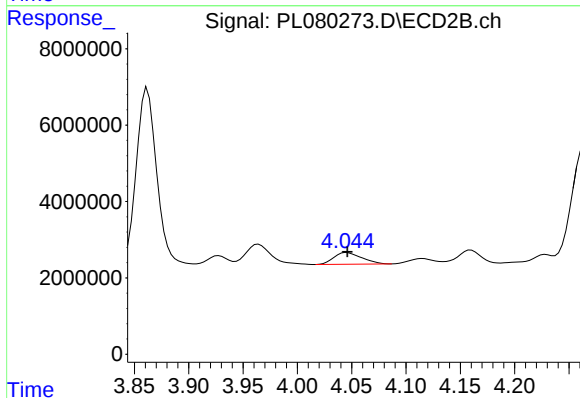
R.T.: 3.821 min  
Delta R.T.: 0.004 min  
Response: 74127  
Conc: 0.06 ng/ml



#7 delta-BHC

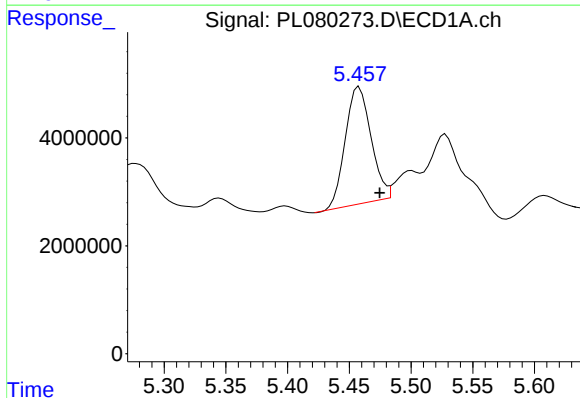
R.T.: 4.569 min  
Delta R.T.: 0.002 min  
Response: 1119320  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



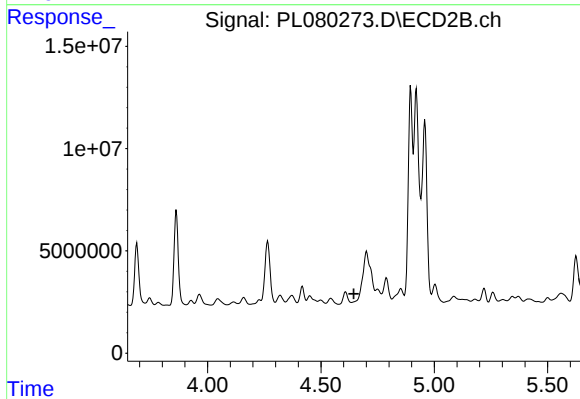
#7 delta-BHC

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 5479843  
Conc: 1.90 ng/ml



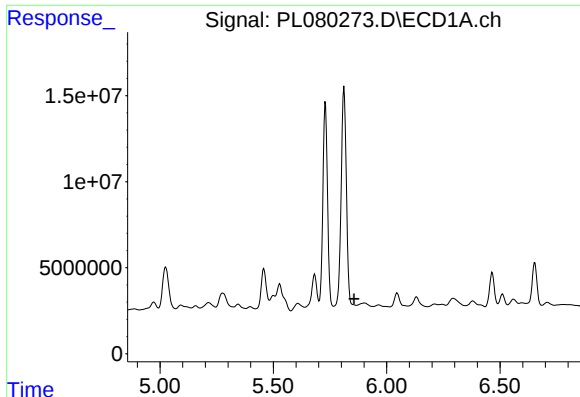
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: -0.017 min  
Response: 31458009  
Conc: 14.17 ng/ml



#8 Heptachlor epoxide

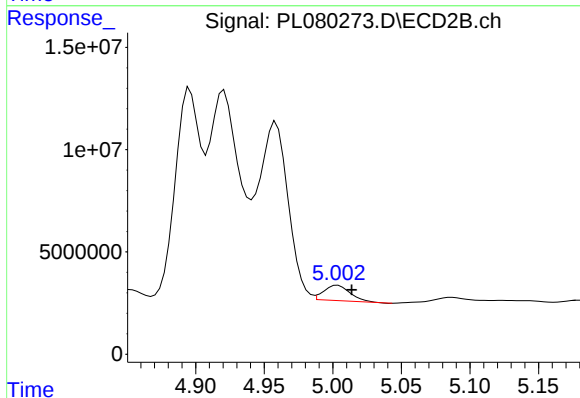
R.T.: 0.000 min  
Exp R.T. : 4.645 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

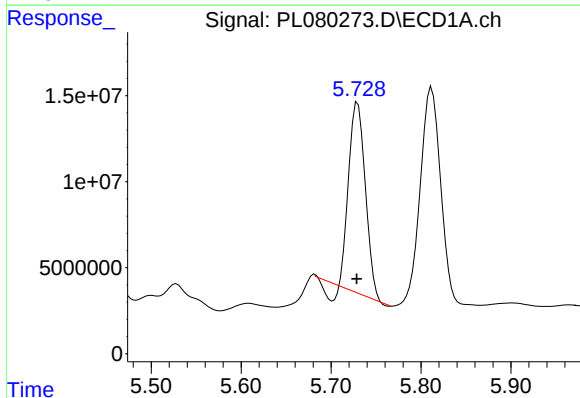
R.T.: 0.000 min  
Exp R.T.: 5.856 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



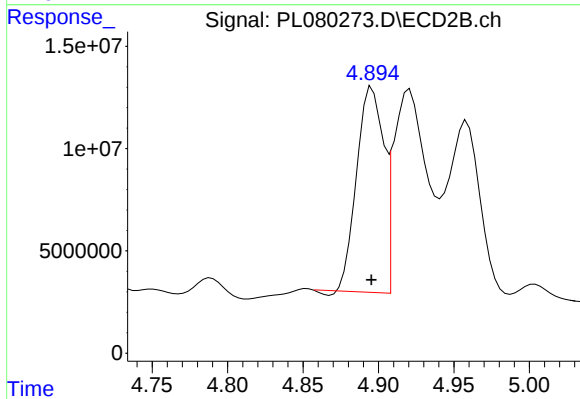
#9 Endosulfan I

R.T.: 5.004 min  
Delta R.T.: -0.010 min  
Response: 10116862  
Conc: 3.87 ng/ml



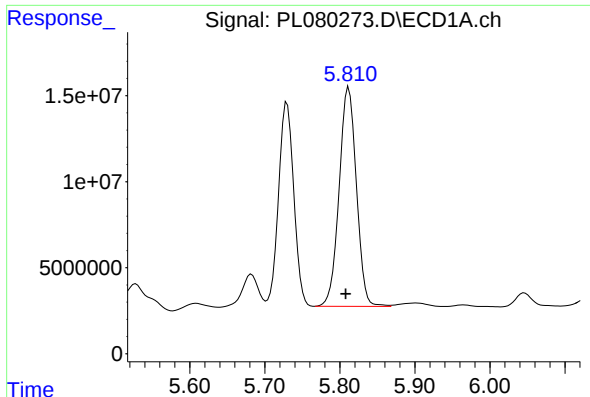
#10 gamma-Chlordane

R.T.: 5.730 min  
Delta R.T.: 0.001 min  
Response: 136853875  
Conc: 62.51 ng/ml



#10 gamma-Chlordane

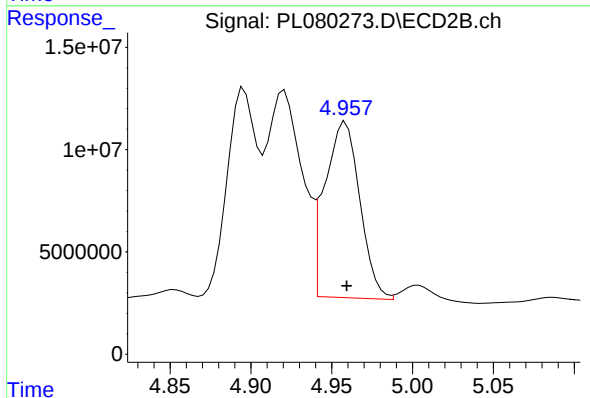
R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 123020070  
Conc: 43.06 ng/ml



#11 alpha-Chlordane

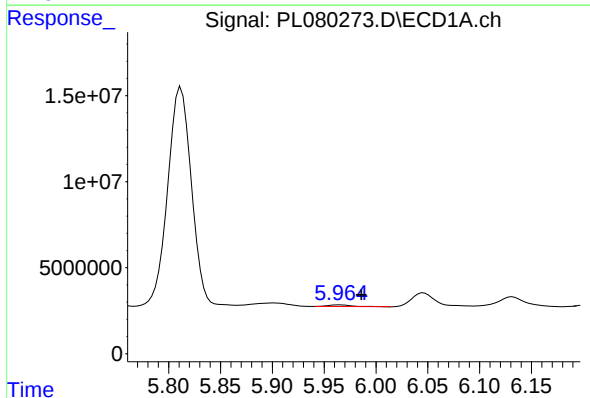
R.T.: 5.812 min  
Delta R.T.: 0.004 min  
Response: 203661211  
Conc: 93.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



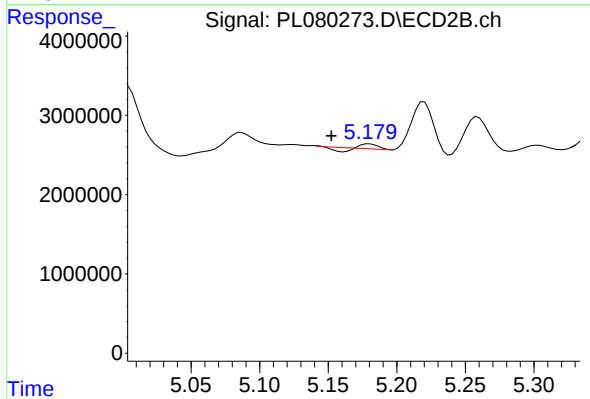
#11 alpha-Chlordane

R.T.: 4.959 min  
Delta R.T.: 0.000 min  
Response: 129510981  
Conc: 45.27 ng/ml



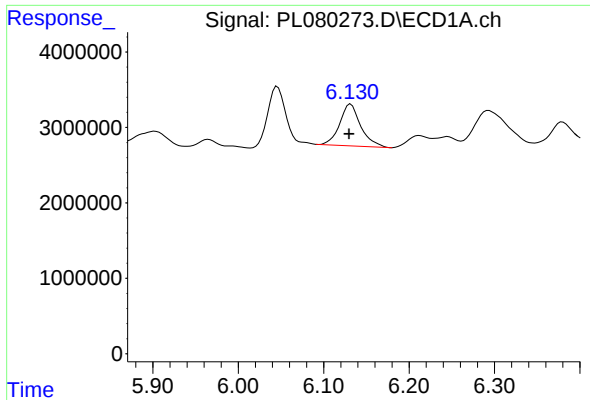
#12 4,4'-DDE

R.T.: 5.965 min  
Delta R.T.: -0.021 min  
Response: 1570156  
Conc: 0.81 ng/ml



#12 4,4'-DDE

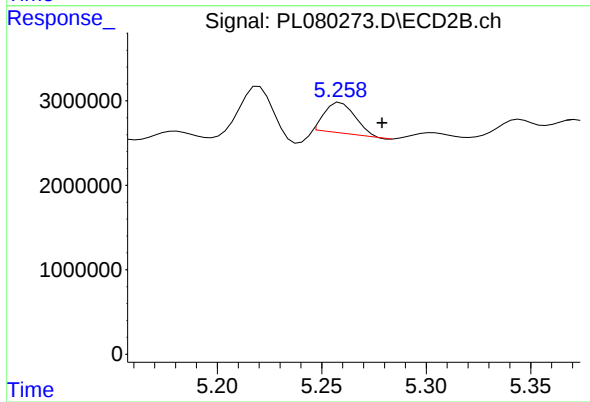
R.T.: 5.180 min  
Delta R.T.: 0.028 min  
Response: 215270  
Conc: 0.09 ng/ml



#13 Dieldrin

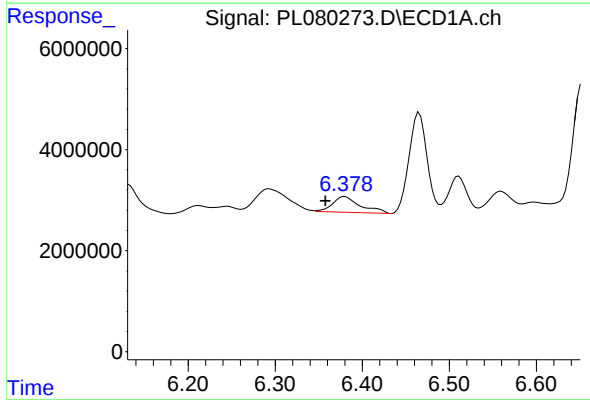
R.T.: 6.132 min  
Delta R.T.: 0.002 min  
Response: 9478920  
Conc: 4.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



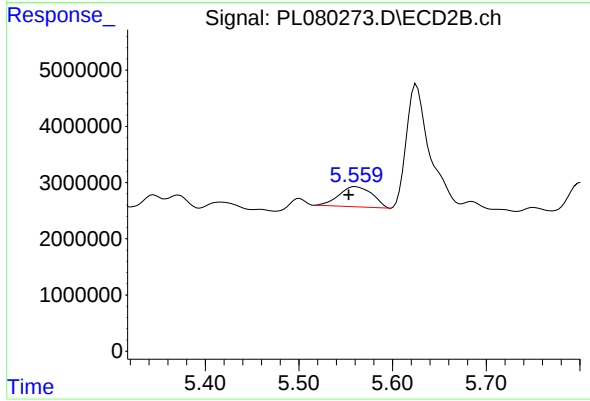
#13 Dieldrin

R.T.: 5.259 min  
Delta R.T.: -0.020 min  
Response: 3646580  
Conc: 1.34 ng/ml



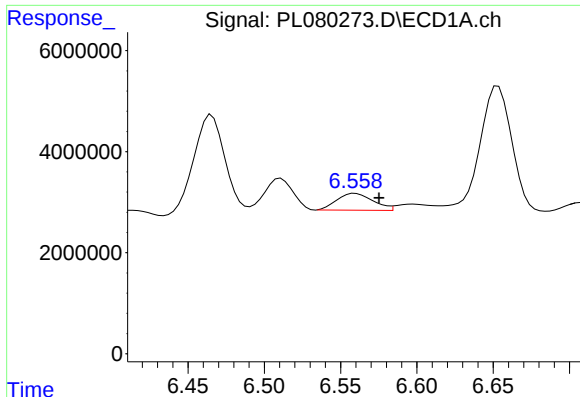
#14 Endrin

R.T.: 6.380 min  
Delta R.T.: 0.022 min  
Response: 6900035  
Conc: 3.76 ng/ml



#14 Endrin

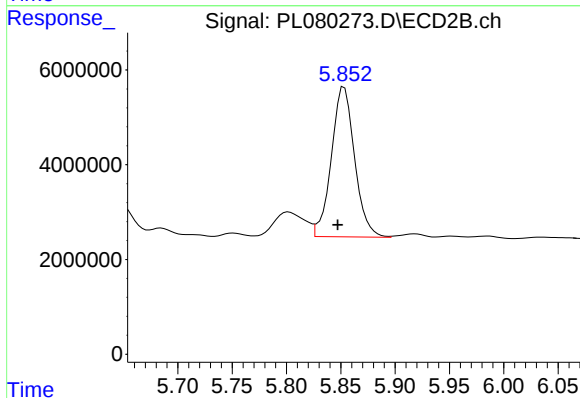
R.T.: 5.560 min  
Delta R.T.: 0.007 min  
Response: 8870507  
Conc: 3.73 ng/ml



#15 Endosulfan II

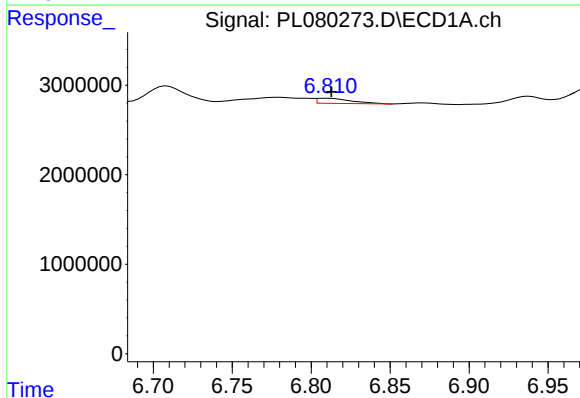
R.T.: 6.560 min  
Delta R.T.: -0.016 min  
Response: 5515047  
Conc: 2.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



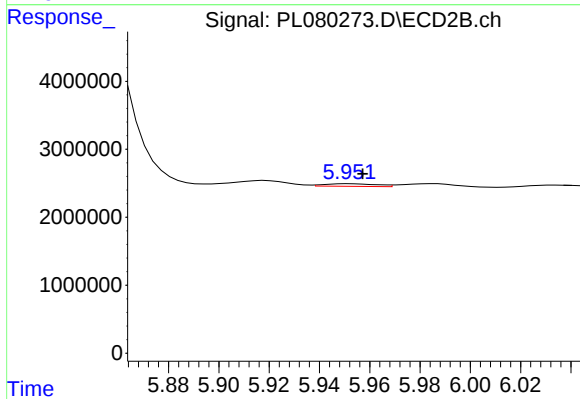
#15 Endosulfan II

R.T.: 5.853 min  
Delta R.T.: 0.006 min  
Response: 47171343  
Conc: 19.45 ng/ml



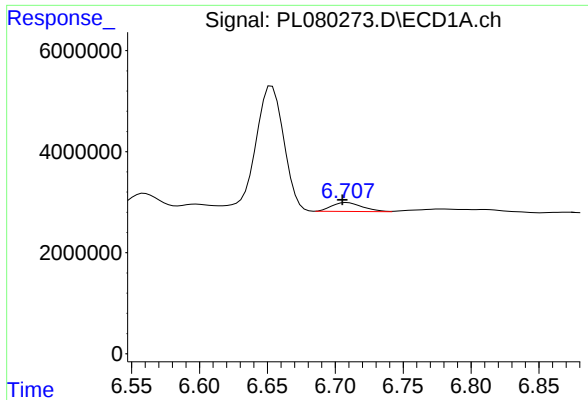
#17 4,4'-DDT

R.T.: 6.811 min  
Delta R.T.: -0.002 min  
Response: 866406  
Conc: 0.49 ng/ml



#17 4,4'-DDT

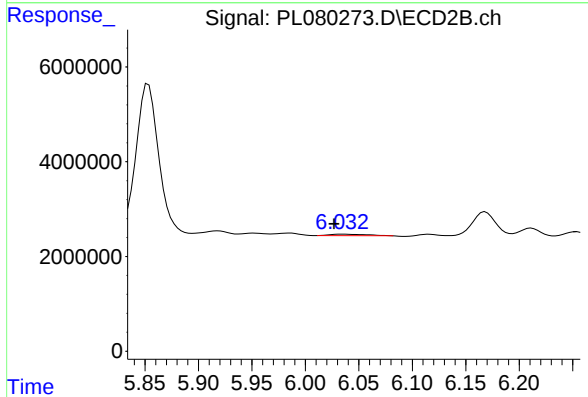
R.T.: 5.952 min  
Delta R.T.: -0.005 min  
Response: 547363  
Conc: 0.26 ng/ml



#18 Endrin aldehyde

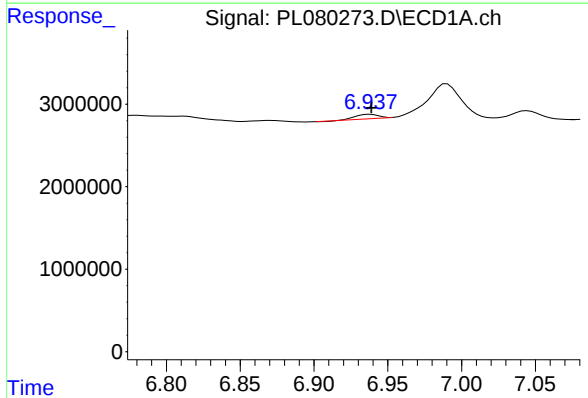
R.T.: 6.709 min  
Delta R.T.: 0.004 min  
Response: 2796424  
Conc: 1.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



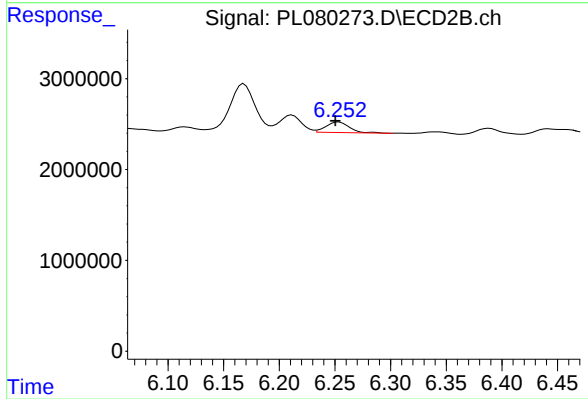
#18 Endrin aldehyde

R.T.: 6.034 min  
Delta R.T.: 0.007 min  
Response: 694526  
Conc: 0.38 ng/ml



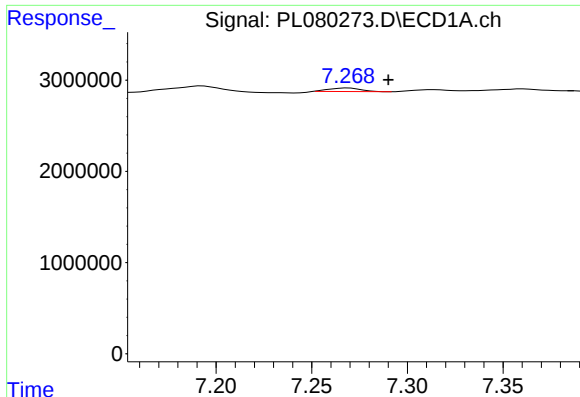
#19 Endosulfan Sulfate

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 556482  
Conc: 0.32 ng/ml



#19 Endosulfan Sulfate

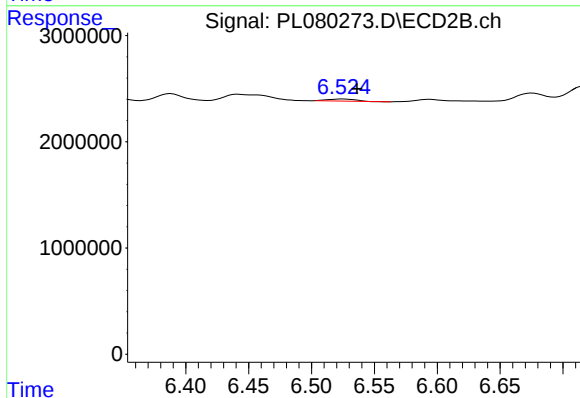
R.T.: 6.253 min  
Delta R.T.: 0.003 min  
Response: 1647457  
Conc: 0.71 ng/ml



#20 Methoxychlor

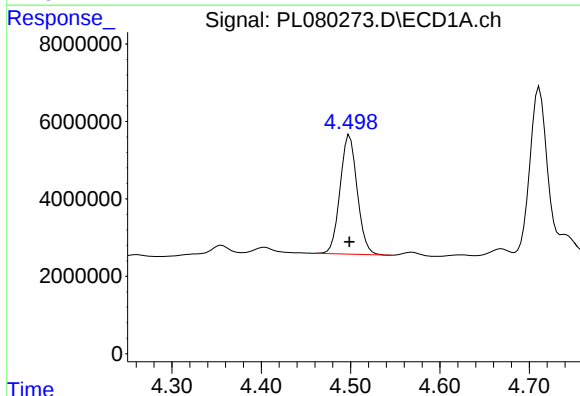
R.T.: 7.269 min  
Delta R.T.: -0.021 min  
Response: 441291  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



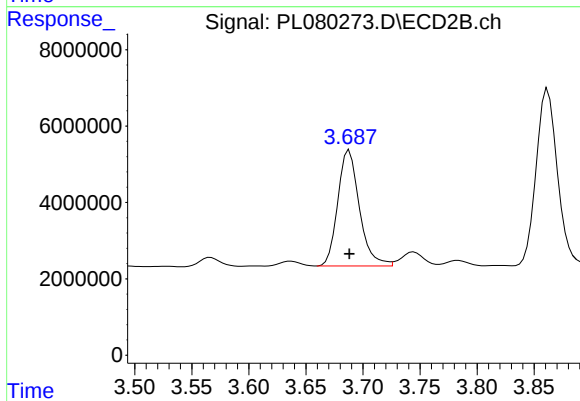
#20 Methoxychlor

R.T.: 6.525 min  
Delta R.T.: -0.011 min  
Response: 304176  
Conc: 0.25 ng/ml



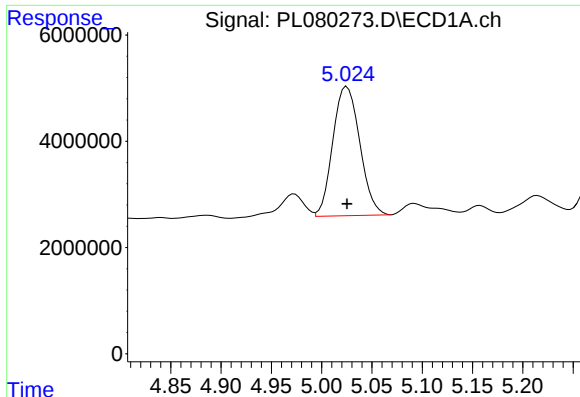
#23 Chlordane-1

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 40927365  
Conc: 525.63 ng/ml



#23 Chlordane-1

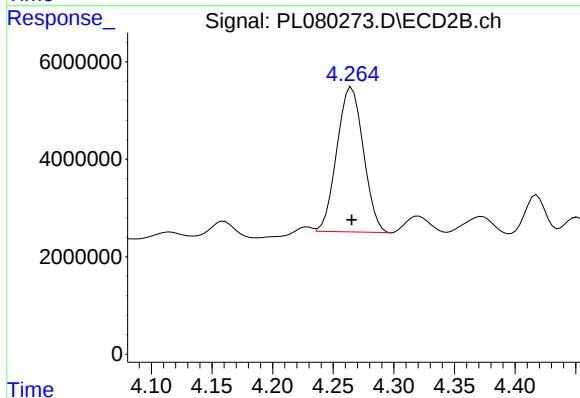
R.T.: 3.688 min  
Delta R.T.: 0.000 min  
Response: 39983651  
Conc: 490.33 ng/ml



#24 Chlordane-2

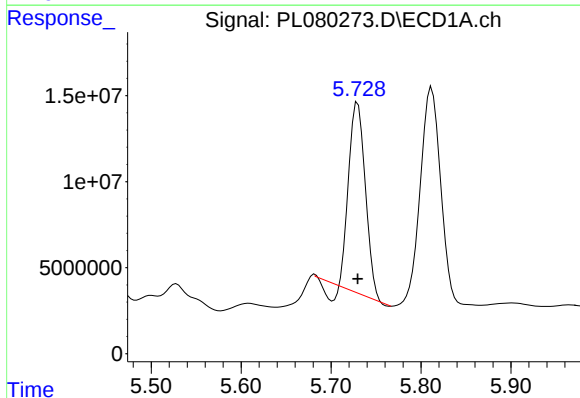
R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 45257402  
Conc: 514.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



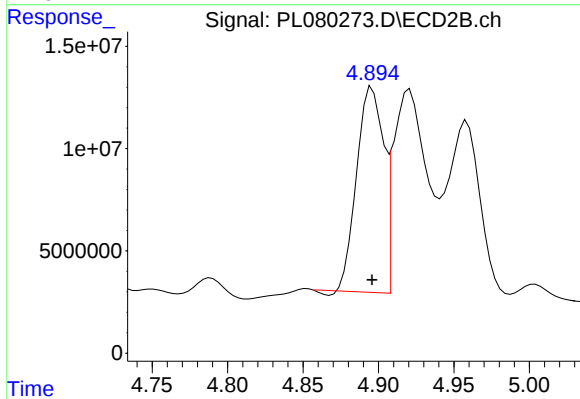
#24 Chlordane-2

R.T.: 4.265 min  
Delta R.T.: 0.000 min  
Response: 45178140  
Conc: 431.10 ng/ml



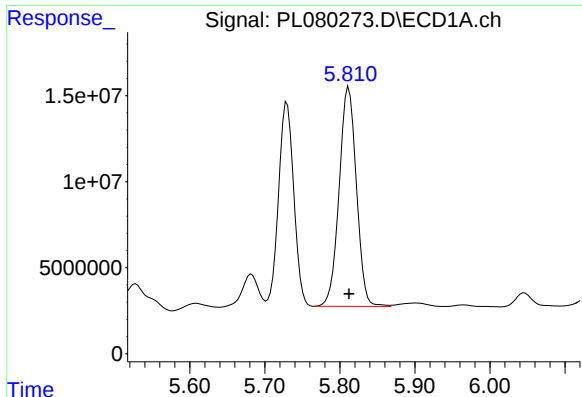
#25 Chlordane-3

R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 136853875  
Conc: 421.66 ng/ml



#25 Chlordane-3

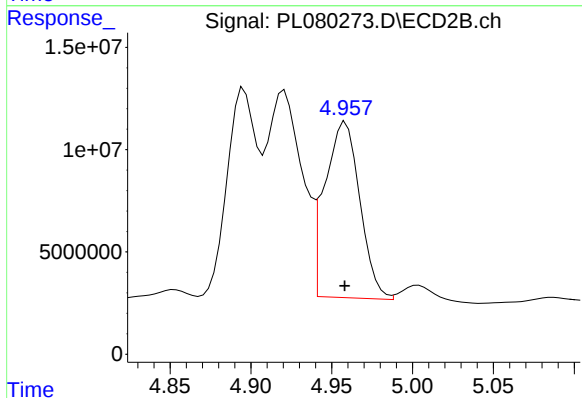
R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 123020070  
Conc: 430.91 ng/ml



#26 Chlordane-4

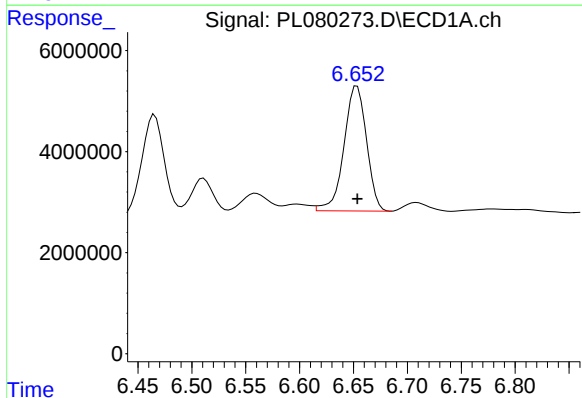
R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 203661211  
Conc: 509.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



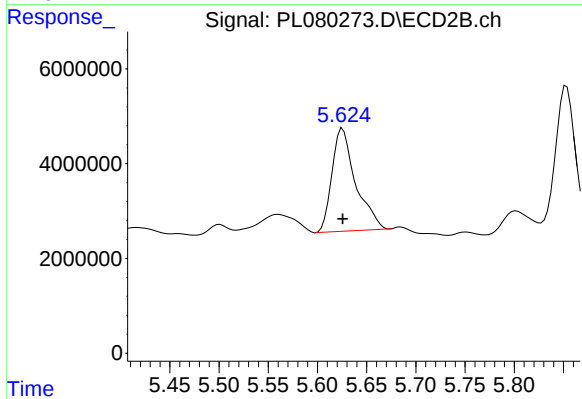
#26 Chlordane-4

R.T.: 4.959 min  
Delta R.T.: 0.000 min  
Response: 129510981  
Conc: 452.77 ng/ml



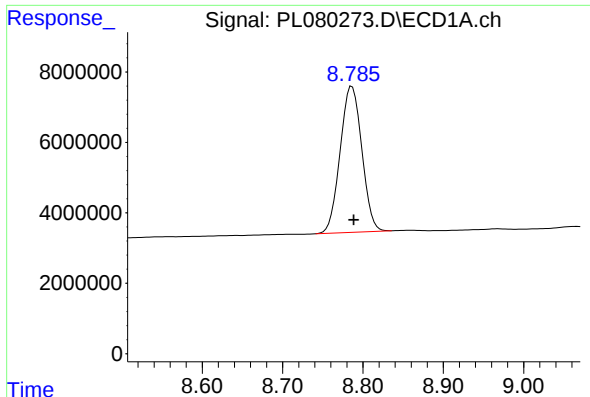
#27 Chlordane-5

R.T.: 6.653 min  
Delta R.T.: 0.000 min  
Response: 36099929  
Conc: 510.05 ng/ml



#27 Chlordane-5

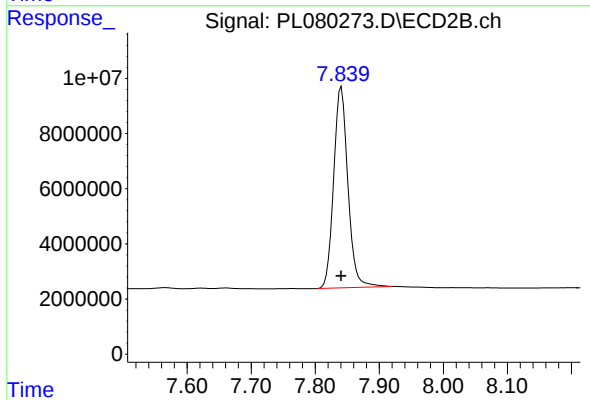
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 36391599  
Conc: 455.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.002 min  
Response: 77738616  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.841 min  
Delta R.T.: 0.000 min  
Response: 112886049  
Conc: 50.22 ng/ml