

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040620\  
 Data File : PL057801.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Apr 2020 13:27  
 Operator : AJ\MA  
 Sample : PB128043BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 01:03:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 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... | 3.458  | 3.955  | 202.8E6 | 40389142 | 20.112   | 18.611     |
| 28)                         | SA Decachlor... | 8.206  | 8.975  | 207.9E6 | 44470581 | 20.164   | 19.908     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.895  | 4.342  | 862.2E6 | 146.0E6  | 49.629   | 44.464     |
| 3)                          | MA gamma-BHC... | 4.178  | 4.624  | 780.7E6 | 143.5E6  | 53.709   | 44.169     |
| 4)                          | MA Heptachlor   | 4.479  | 5.126  | 820.8E6 | 160.1E6  | 51.201   | 47.689     |
| 5)                          | MB Aldrin       | 4.726  | 5.428  | 765.3E6 | 156.7E6  | 51.973   | 48.391     |
| 6)                          | B beta-BHC      | 4.430  | 4.797  | 340.5E6 | 68971768 | 53.911   | 49.670     |
| 7)                          | B delta-BHC     | 4.634  | 5.011  | 757.5E6 | 134.3E6  | 49.917   | 53.582     |
| 8)                          | B Heptachlo...  | 5.169  | 5.812  | 696.8E6 | 148.2E6  | 51.848   | 54.884     |
| 9)                          | A Endosulfan I  | 5.507  | 6.167  | 646.8E6 | 143.5E6  | 52.775   | 48.129     |
| 10)                         | B gamma-Chl...  | 5.396  | 6.046  | 703.0E6 | 158.9E6  | 51.760   | 49.047     |
| 11)                         | B alpha-Chl...  | 5.454  | 6.117  | 676.7E6 | 156.4E6  | 50.817   | 47.796     |
| 12)                         | B 4,4'-DDE      | 5.618  | 6.276  | 679.6E6 | 145.9E6  | 51.877   | 49.285     |
| 13)                         | MA Dieldrin     | 5.750  | 6.422  | 685.5E6 | 148.2E6  | 52.697   | 48.488     |
| 14)                         | MA Endrin       | 6.007  | 6.638  | 585.4E6 | 113.5E6  | 50.154   | 45.407     |
| 15)                         | B Endosulfa...  | 6.281  | 6.849  | 549.0E6 | 114.6E6  | 49.628   | 44.198     |
| 16)                         | A 4,4'-DDD      | 6.134  | 6.765  | 521.0E6 | 109.4E6  | 52.133   | 47.918     |
| 17)                         | MA 4,4'-DDT     | 6.373  | 7.062  | 508.4E6 | 99689061 | 50.090   | 44.756     |
| 18)                         | B Endrin al...  | 6.449  | 6.973  | 470.2E6 | 101.1E6  | 50.289   | 45.488     |
| 19)                         | B Endosulfa...  | 6.662  | 7.195  | 530.3E6 | 110.9E6  | 52.199   | 46.730     |
| 20)                         | A Methoxychlor  | 6.919  | 7.521  | 257.0E6 | 54719940 | 46.615   | 43.018     |
| 21)                         | B Endrin ke...  | 7.153  | 7.662  | 584.7E6 | 116.4E6  | 52.520   | 47.078     |
| 22)                         | Mirex           | 7.340  | 8.113  | 416.6E6 | 87432173 | 50.818   | 47.553     |
| 23)                         | Chlordane-1     | 4.354f | 0.000  | 1631559 | 0        | 4.411    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829  | 5.428f | 343038  | 156.7E6  | 0.850    | 1501.541 # |
| 25)                         | Chlordane-3     | 5.396  | 6.046  | 703.0E6 | 158.9E6  | 574.966  | 367.264 #  |
| 26)                         | Chlordane-4     | 5.454  | 6.117  | 676.7E6 | 156.4E6  | 650.509  | 297.948 #  |
| 27)                         | Chlordane-5     | 6.281  | 0.000  | 549.0E6 | 0        | 1451.290 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

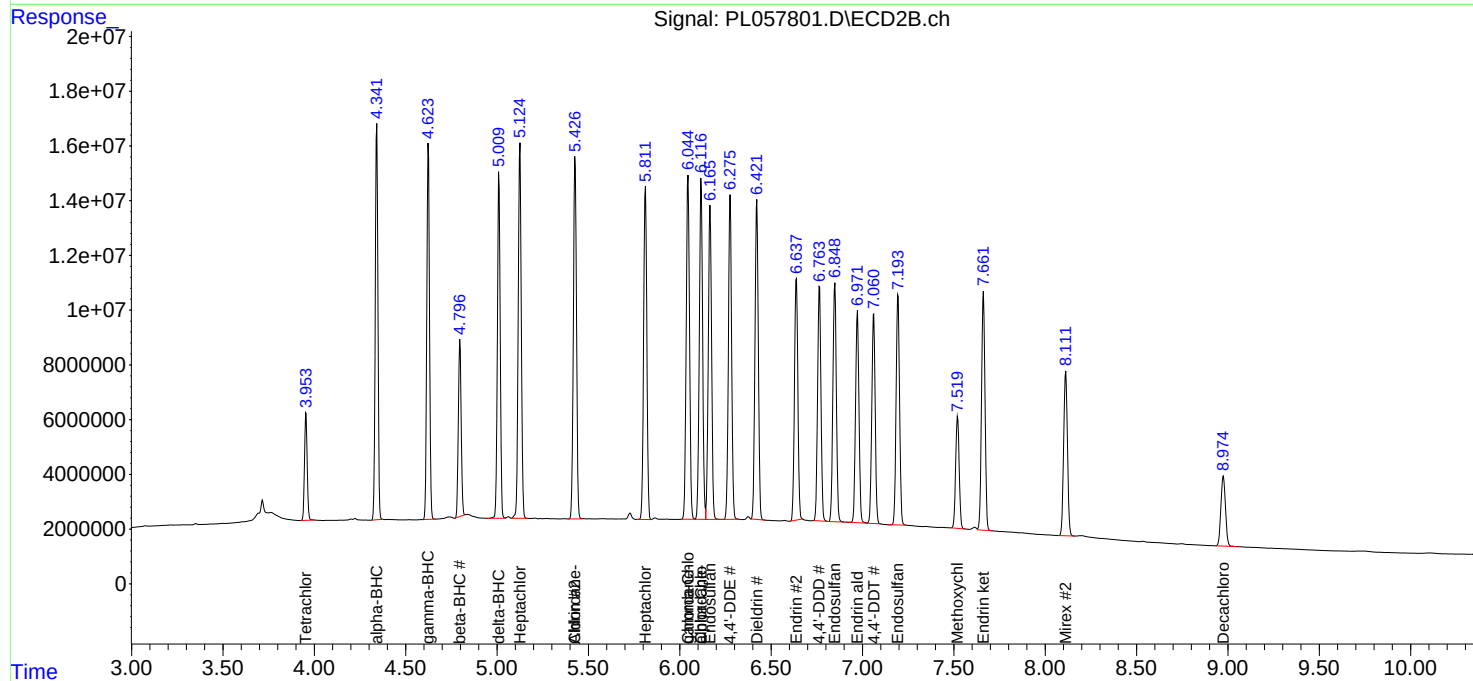
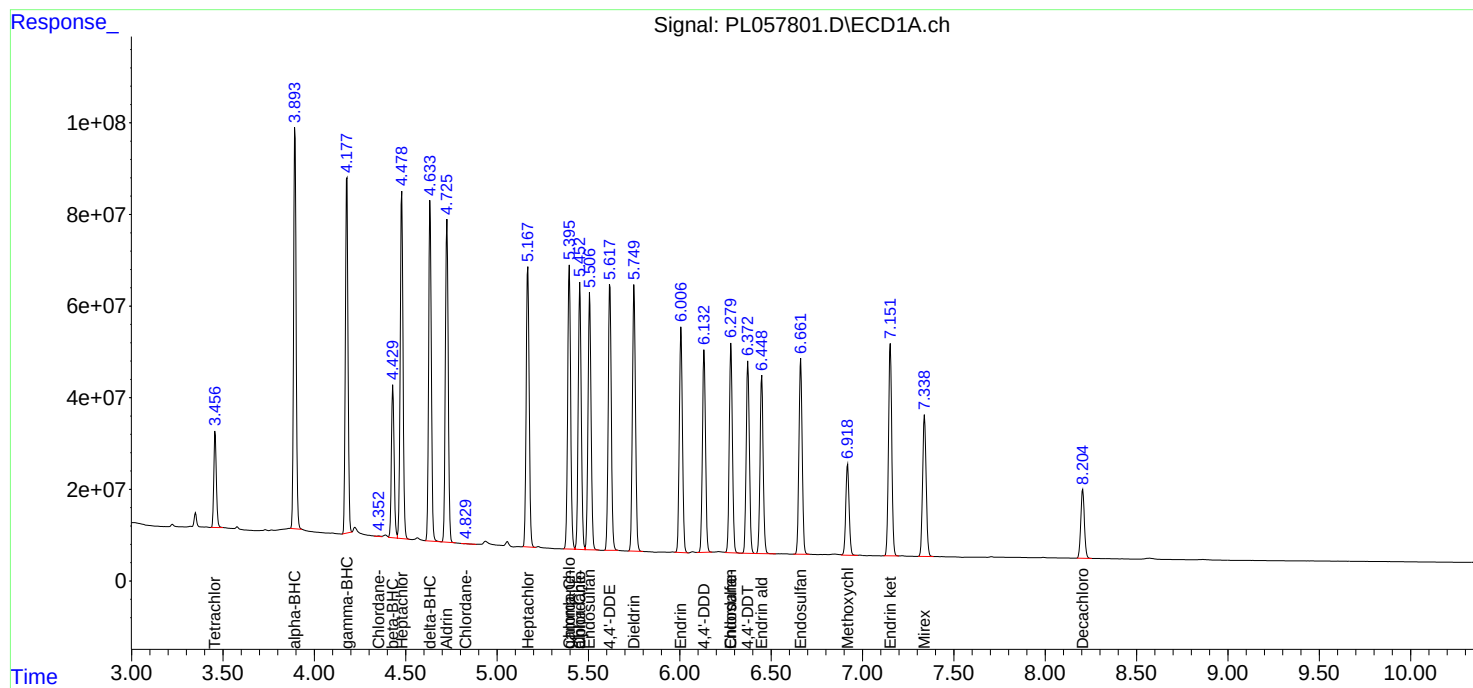
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

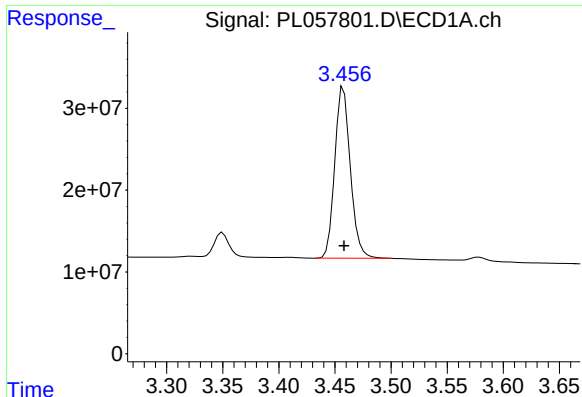
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040620\  
Data File : PL057801.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Apr 2020 13:27  
Operator : AJ\MA  
Sample : PB128043BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 07 01:03:56 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 2020  
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

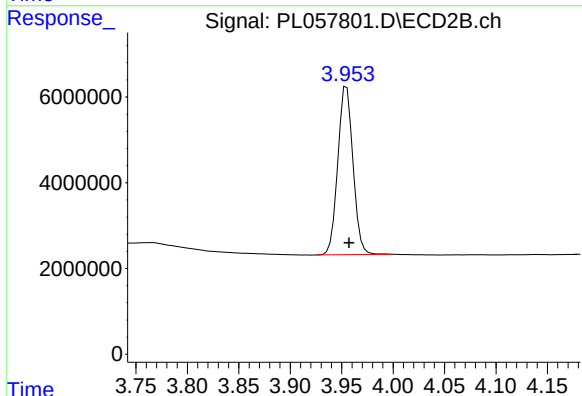




#1 Tetrachloro-m-xylene

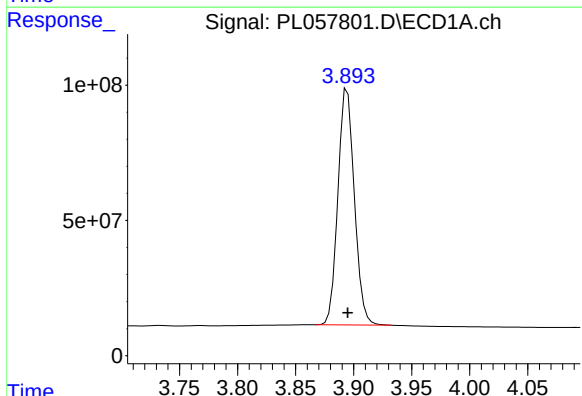
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 202751426  
Conc: 20.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



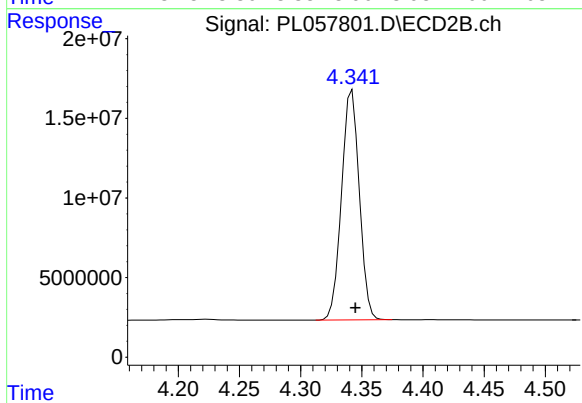
#1 Tetrachloro-m-xylene

R.T.: 3.955 min  
Delta R.T.: -0.002 min  
Response: 40389142  
Conc: 18.61 ng/ml



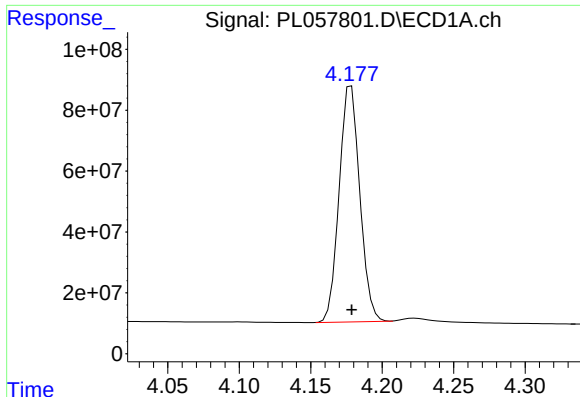
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 862152720  
Conc: 49.63 ng/ml



#2 alpha-BHC

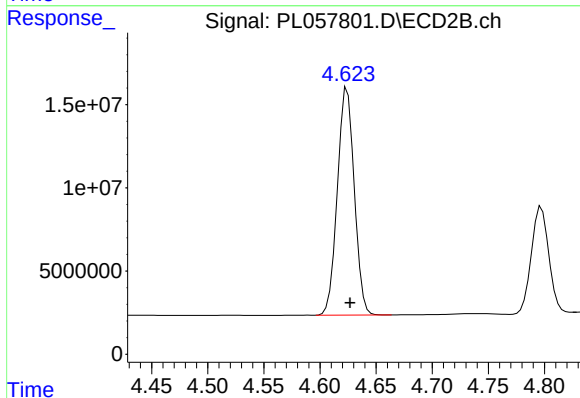
R.T.: 4.342 min  
Delta R.T.: -0.003 min  
Response: 146004569  
Conc: 44.46 ng/ml



#3 gamma-BHC (Lindane)

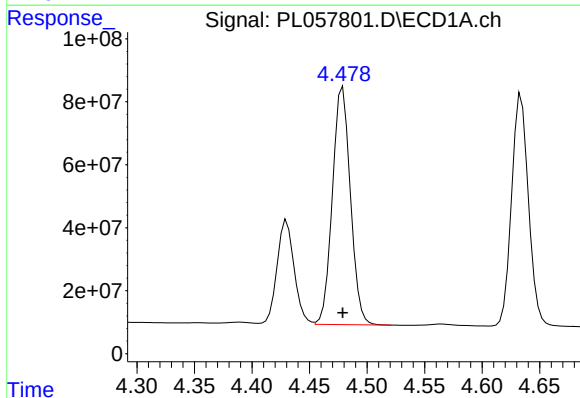
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 780664668  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



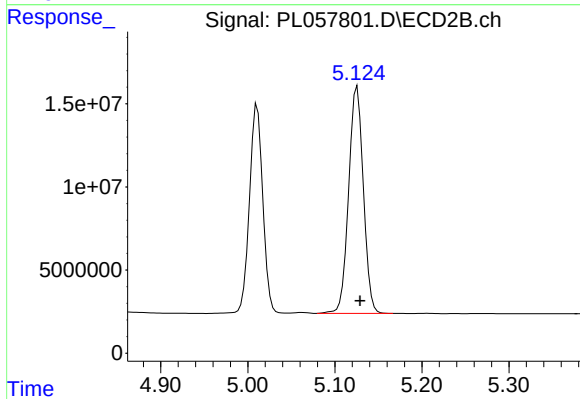
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: -0.003 min  
Response: 143486205  
Conc: 44.17 ng/ml



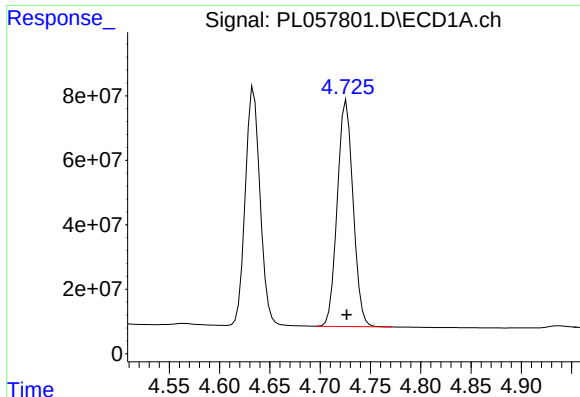
#4 Heptachlor

R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 820762158  
Conc: 51.20 ng/ml



#4 Heptachlor

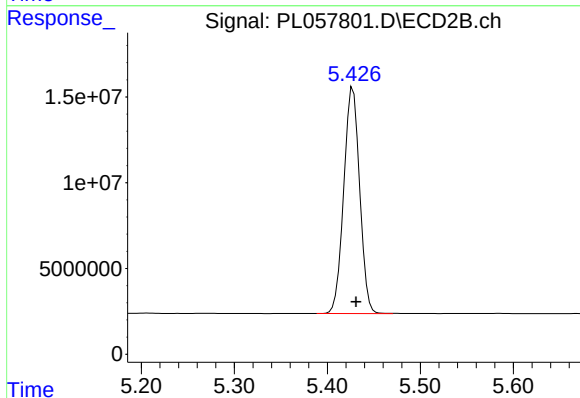
R.T.: 5.126 min  
Delta R.T.: -0.003 min  
Response: 160051152  
Conc: 47.69 ng/ml



#5 Aldrin

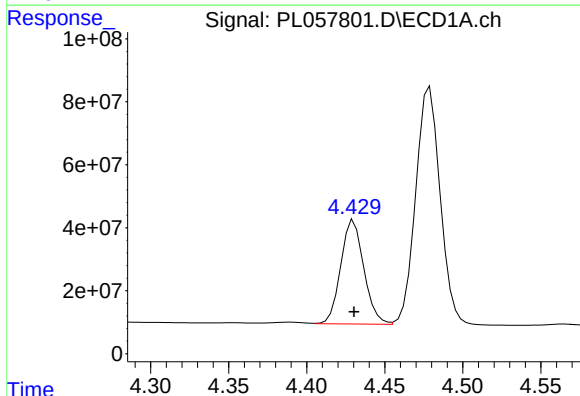
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 765302657  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



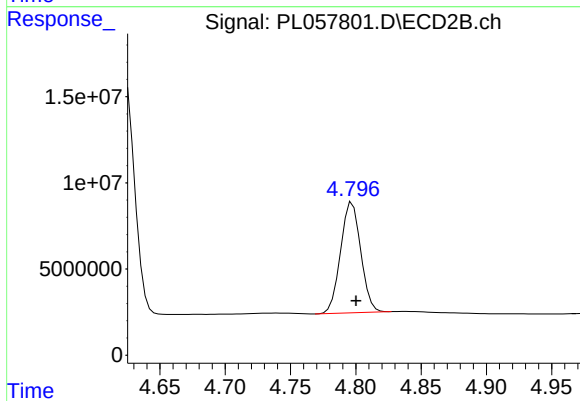
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.003 min  
Response: 156698805  
Conc: 48.39 ng/ml



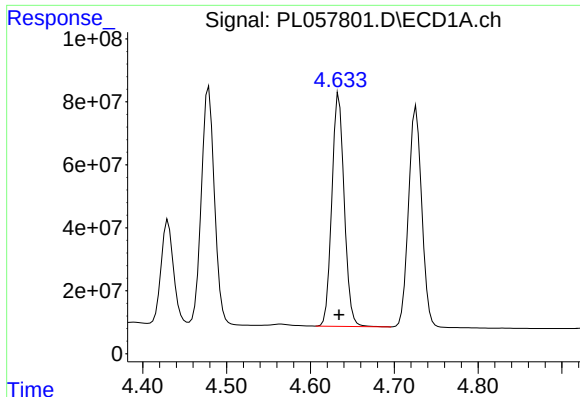
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 340465942  
Conc: 53.91 ng/ml



#6 beta-BHC

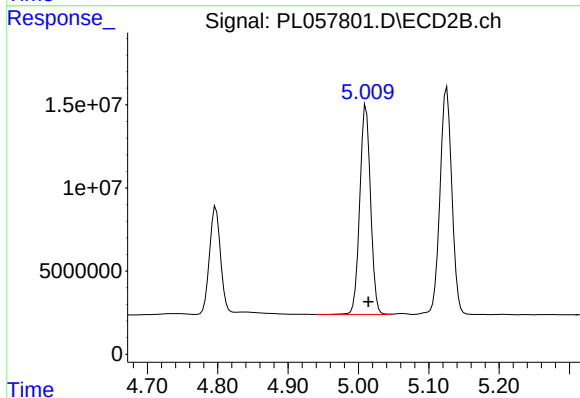
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 68971768  
Conc: 49.67 ng/ml



#7 delta-BHC

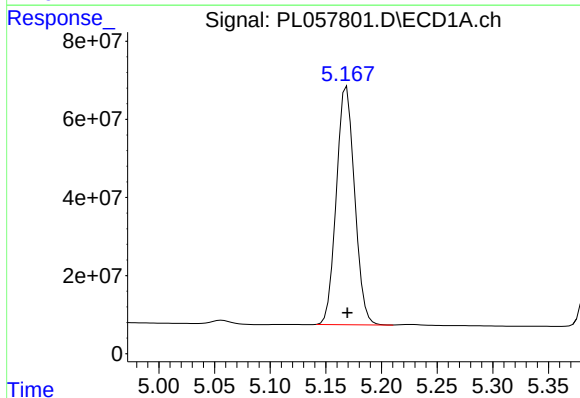
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 757547354  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



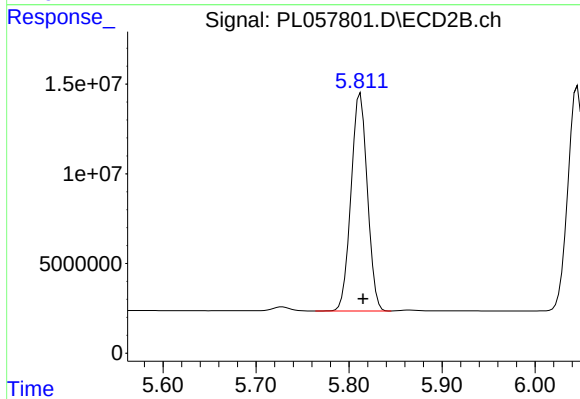
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: -0.003 min  
Response: 134342635  
Conc: 53.58 ng/ml



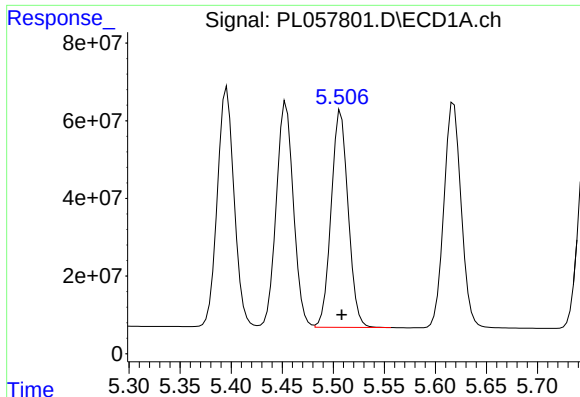
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 696832413  
Conc: 51.85 ng/ml



#8 Heptachlor epoxide

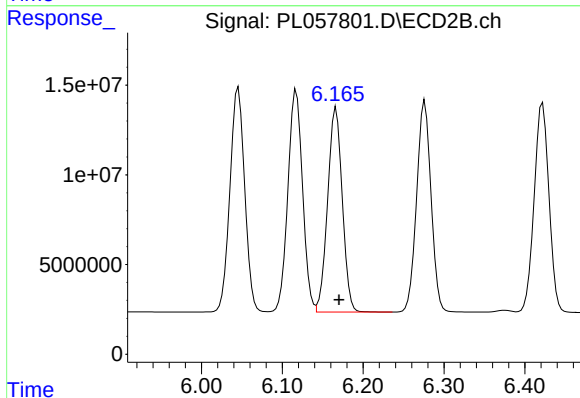
R.T.: 5.812 min  
Delta R.T.: -0.003 min  
Response: 148203375  
Conc: 54.88 ng/ml



#9 Endosulfan I

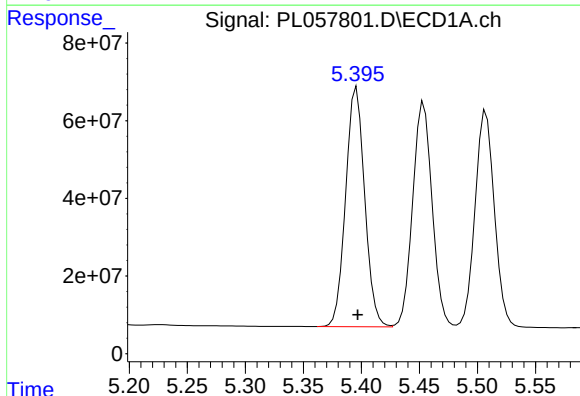
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 646841450  
Conc: 52.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



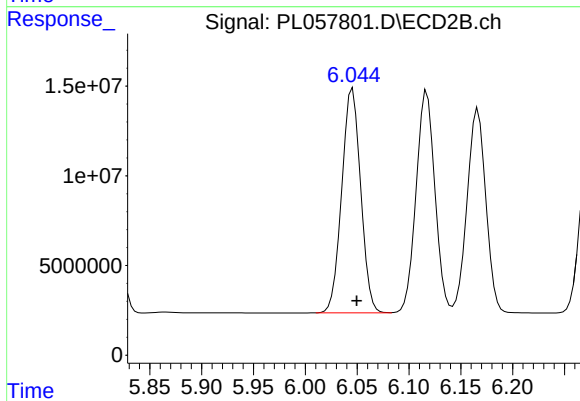
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.004 min  
Response: 143510382  
Conc: 48.13 ng/ml



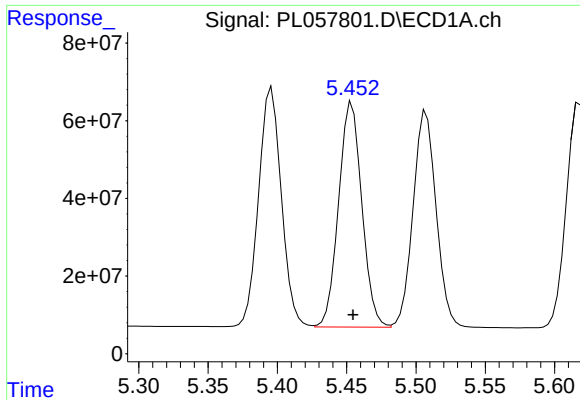
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 702962128  
Conc: 51.76 ng/ml



#10 gamma-Chlordane

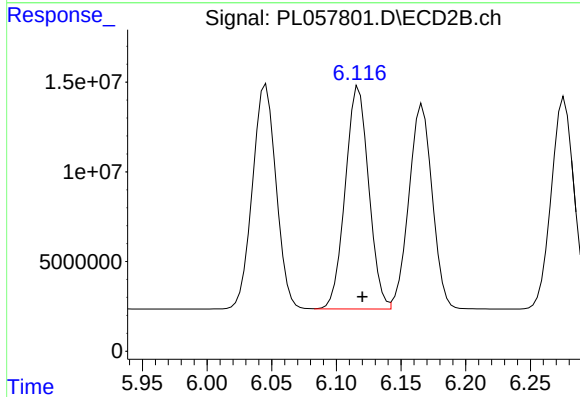
R.T.: 6.046 min  
Delta R.T.: -0.004 min  
Response: 158905321  
Conc: 49.05 ng/ml



#11 alpha-Chlordane

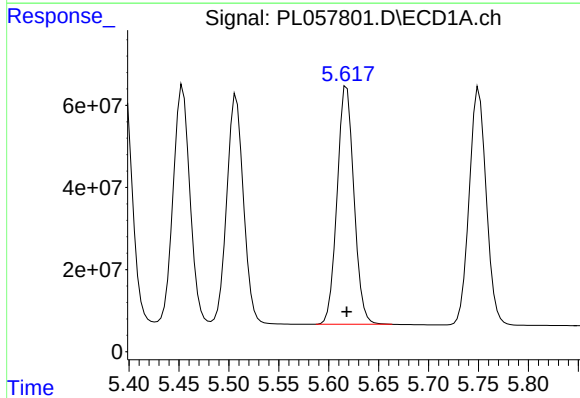
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 676666305  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



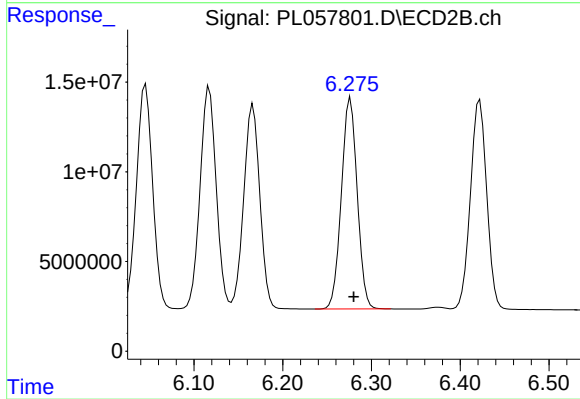
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: -0.003 min  
Response: 156404256  
Conc: 47.80 ng/ml



#12 4,4'-DDE

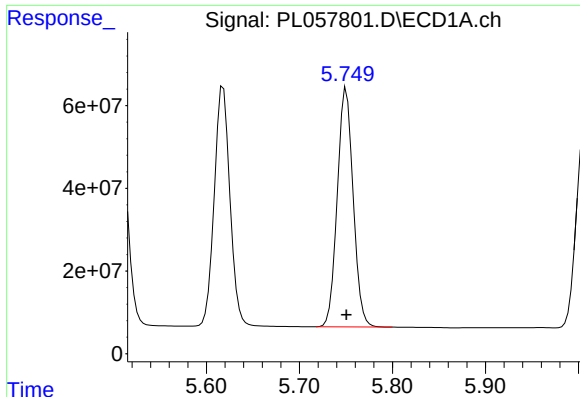
R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 679600188  
Conc: 51.88 ng/ml



#12 4,4'-DDE

R.T.: 6.276 min  
Delta R.T.: -0.004 min  
Response: 145914904  
Conc: 49.28 ng/ml

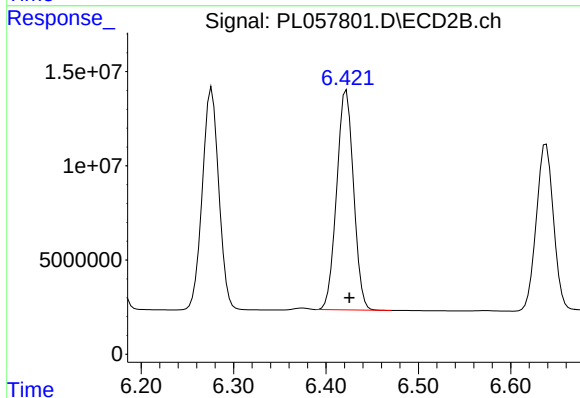




#13 Dieldrin

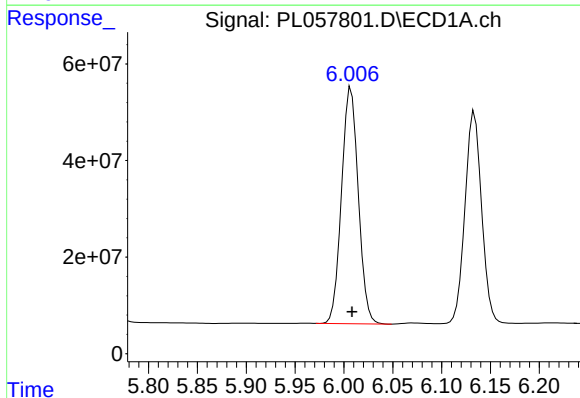
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 685532739  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



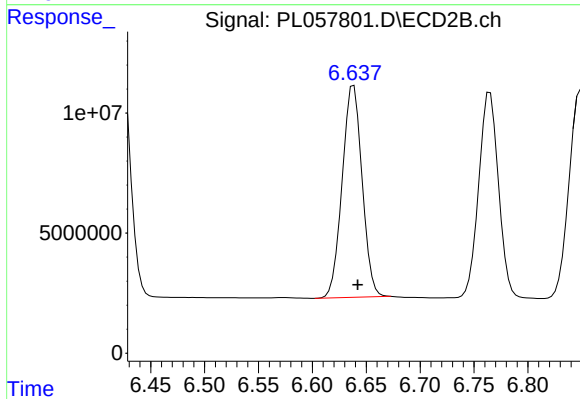
#13 Dieldrin

R.T.: 6.422 min  
Delta R.T.: -0.003 min  
Response: 148160321  
Conc: 48.49 ng/ml



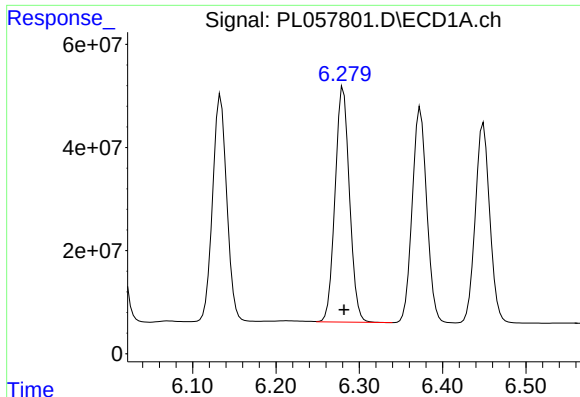
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 585433825  
Conc: 50.15 ng/ml



#14 Endrin

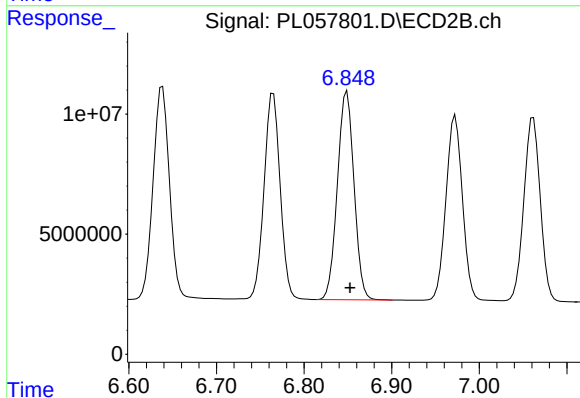
R.T.: 6.638 min  
Delta R.T.: -0.004 min  
Response: 113451403  
Conc: 45.41 ng/ml



#15 Endosulfan II

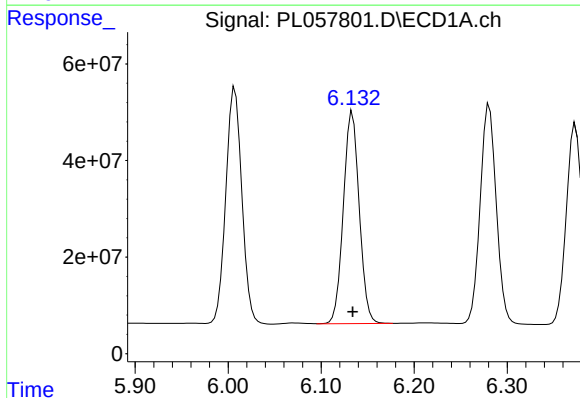
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 548986850  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



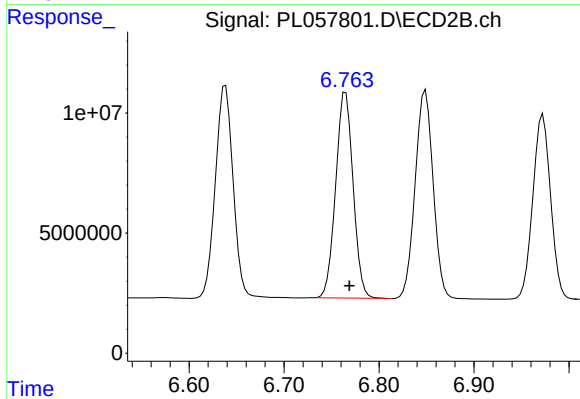
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: -0.003 min  
Response: 114632936  
Conc: 44.20 ng/ml



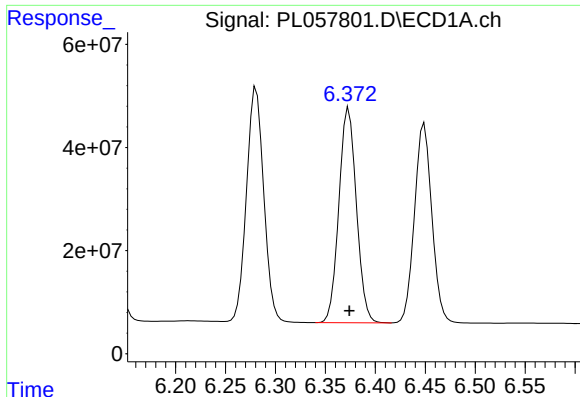
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 521041775  
Conc: 52.13 ng/ml



#16 4,4'-DDD

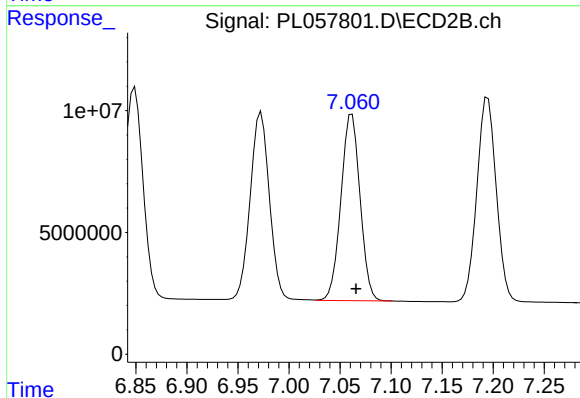
R.T.: 6.765 min  
Delta R.T.: -0.004 min  
Response: 109356575  
Conc: 47.92 ng/ml



#17 4,4'-DDT

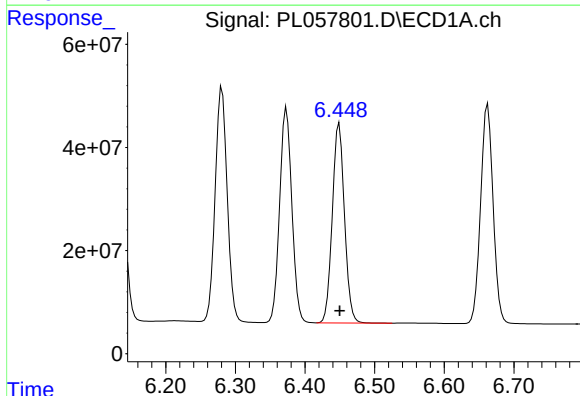
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 508383392  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



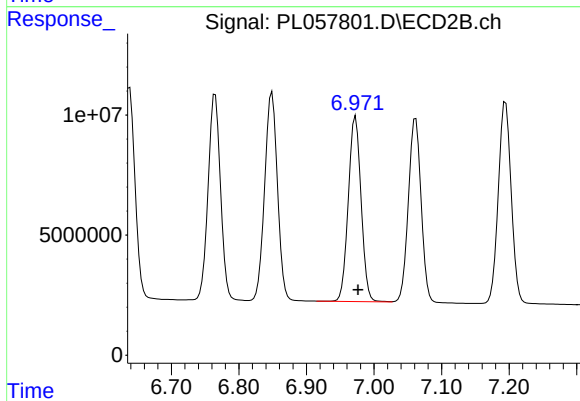
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: -0.004 min  
Response: 99689061  
Conc: 44.76 ng/ml



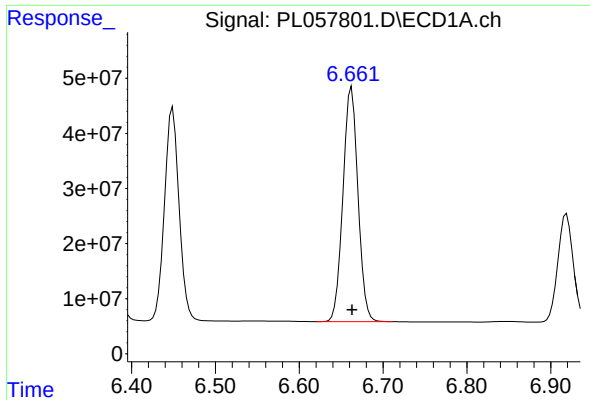
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 470183069  
Conc: 50.29 ng/ml



#18 Endrin aldehyde

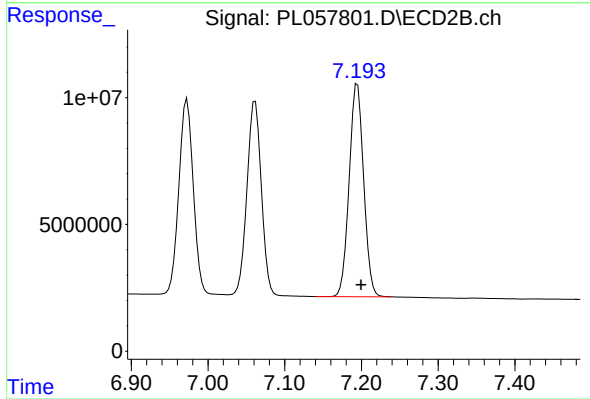
R.T.: 6.973 min  
Delta R.T.: -0.004 min  
Response: 101057441  
Conc: 45.49 ng/ml



#19 Endosulfan Sulfate

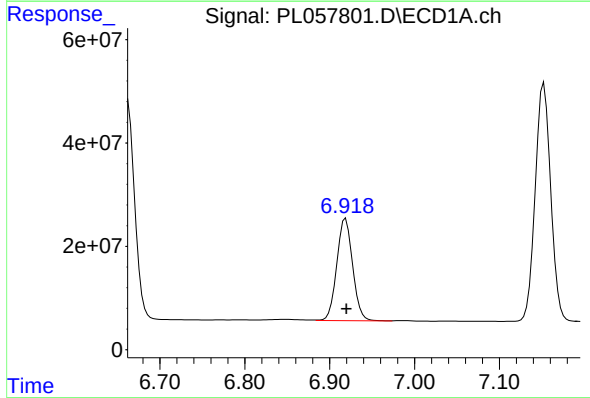
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 530324924  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



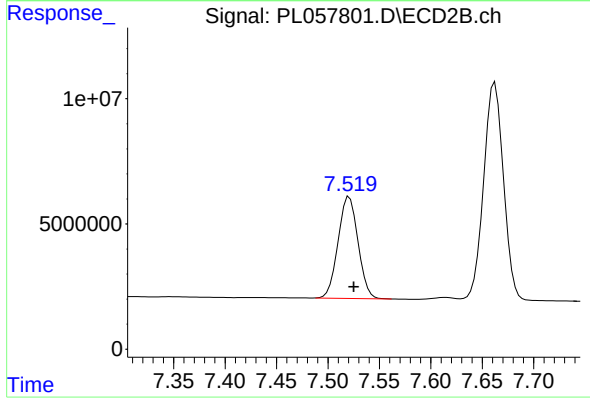
#19 Endosulfan Sulfate

R.T.: 7.195 min  
Delta R.T.: -0.005 min  
Response: 110892989  
Conc: 46.73 ng/ml



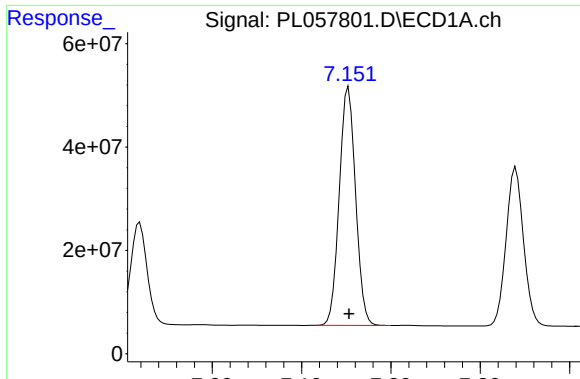
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 256969070  
Conc: 46.61 ng/ml



#20 Methoxychlor

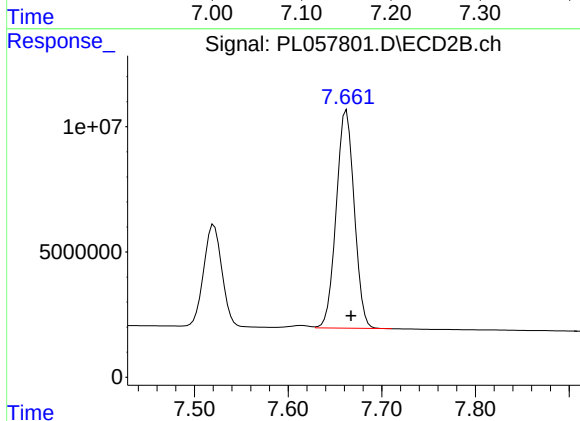
R.T.: 7.521 min  
Delta R.T.: -0.004 min  
Response: 54719940  
Conc: 43.02 ng/ml



#21 Endrin ketone

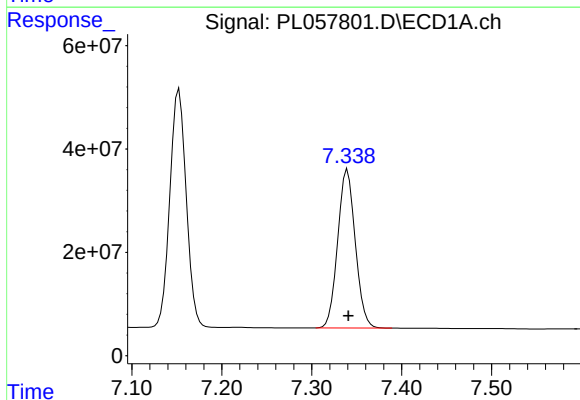
R.T.: 7.153 min  
Delta R.T.: 0.000 min  
Response: 584694368  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



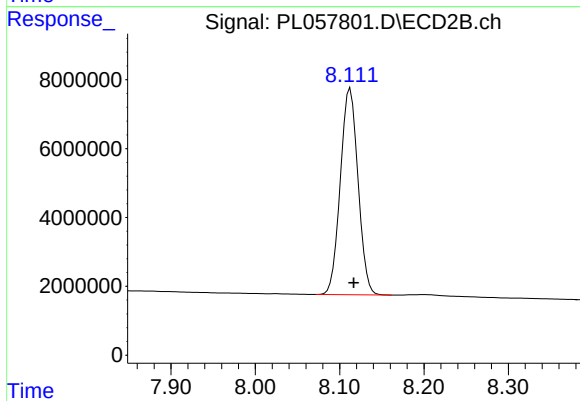
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 116377958  
Conc: 47.08 ng/ml



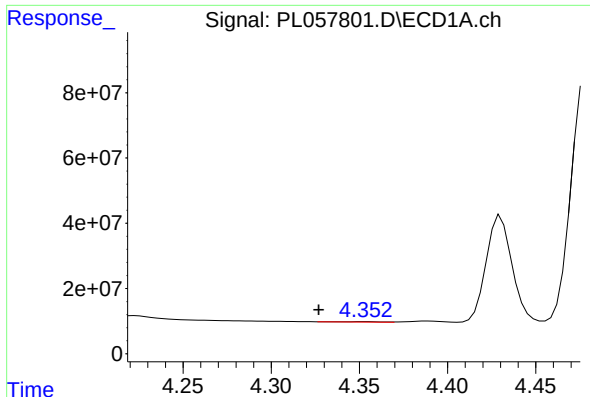
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 416566945  
Conc: 50.82 ng/ml



#22 Mirex

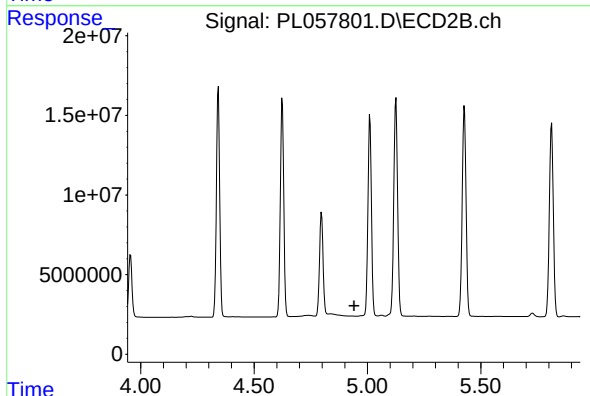
R.T.: 8.113 min  
Delta R.T.: -0.004 min  
Response: 87432173  
Conc: 47.55 ng/ml



#23 Chlordane-1

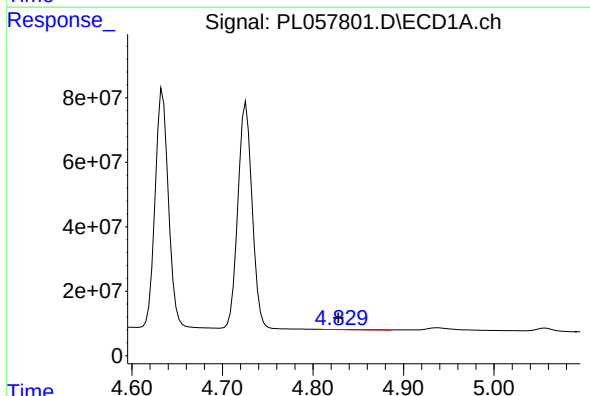
R.T.: 4.354 min  
Delta R.T.: 0.027 min  
Response: 1631559  
Conc: 4.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



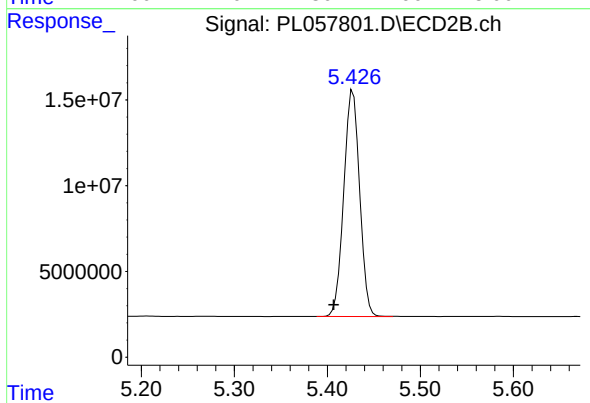
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



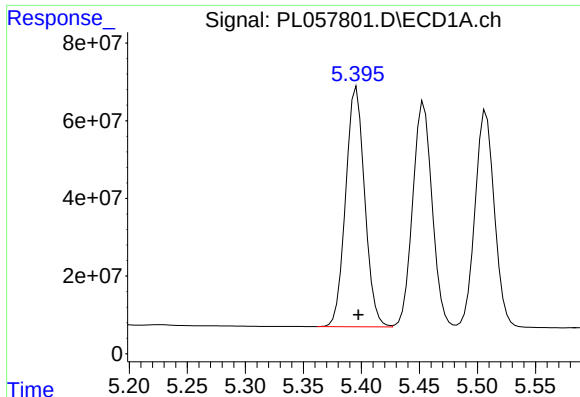
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.001 min  
Response: 343038  
Conc: 0.85 ng/ml



#24 Chlordane-2

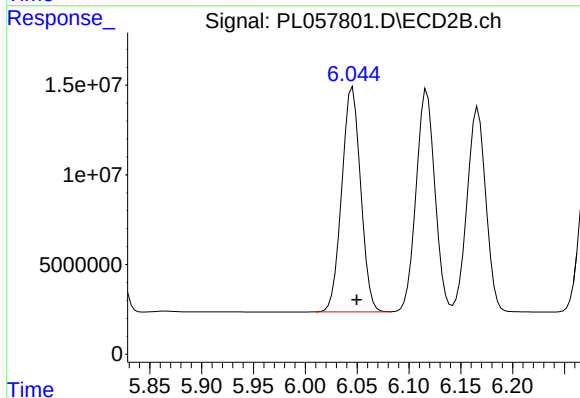
R.T.: 5.428 min  
Delta R.T.: 0.021 min  
Response: 156698805  
Conc: 1501.54 ng/ml



#25 Chlordane-3

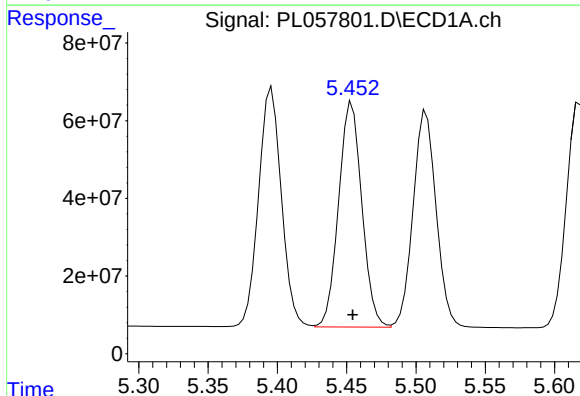
R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 702962128  
Conc: 574.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



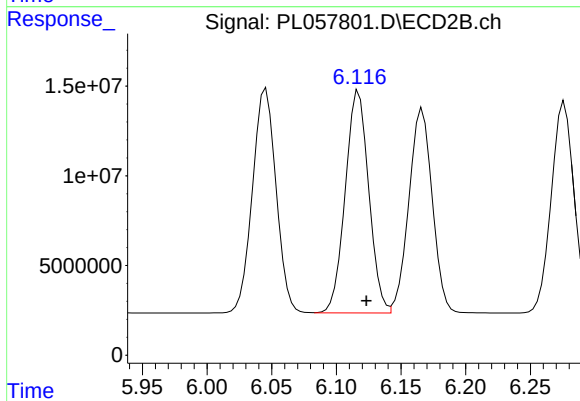
#25 Chlordane-3

R.T.: 6.046 min  
Delta R.T.: -0.004 min  
Response: 158905321  
Conc: 367.26 ng/ml



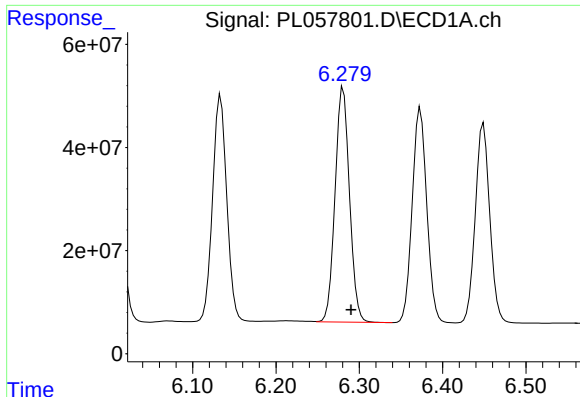
#26 Chlordane-4

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 676666305  
Conc: 650.51 ng/ml



#26 Chlordane-4

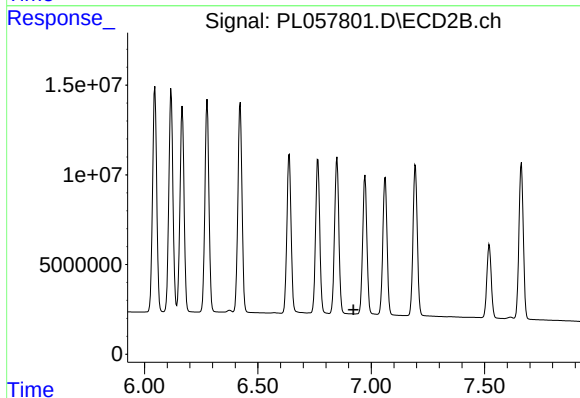
R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 156404256  
Conc: 297.95 ng/ml



#27 Chlordane-5

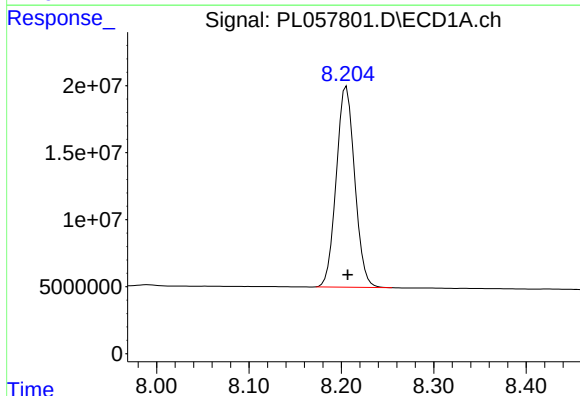
R.T.: 6.281 min  
Delta R.T.: -0.010 min  
Response: 548986850  
Conc: 1451.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



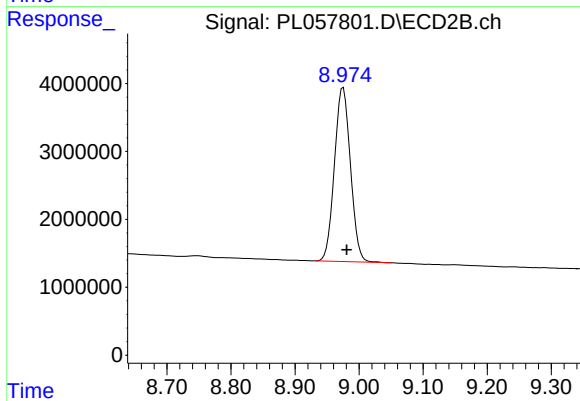
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.001 min  
Response: 207856656  
Conc: 20.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.006 min  
Response: 44470581  
Conc: 19.91 ng/ml