

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031920\  
 Data File : PL057480.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Mar 2020 15:22  
 Operator : AJ\MA  
 Sample : PB127677BS  
 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: Mar 20 01:21:55 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.460 | 3.956  | 210.7E6 | 49019462 | 22.733   | 22.594     |
| 28)                         | SA Decachlor... | 8.206 | 8.978  | 236.5E6 | 50560665 | 22.355   | 22.802     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.897 | 4.344  | 810.4E6 | 161.7E6  | 50.877   | 50.334     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.626  | 738.3E6 | 153.7E6  | 51.369   | 48.997     |
| 4)                          | MA Heptachlor   | 4.480 | 5.128  | 734.6E6 | 154.7E6  | 49.460   | 49.138     |
| 5)                          | MB Aldrin       | 4.728 | 5.429  | 725.7E6 | 158.1E6  | 52.606   | 51.820     |
| 6)                          | B beta-BHC      | 4.432 | 4.799  | 311.9E6 | 81739296 | 53.044   | 56.671     |
| 7)                          | B delta-BHC     | 4.636 | 5.013  | 722.0E6 | 147.1E6  | 51.444   | 56.142     |
| 8)                          | B Heptachlo...  | 5.171 | 5.815  | 670.0E6 | 152.0E6  | 52.281   | 55.699     |
| 9)                          | A Endosulfan I  | 5.509 | 6.168  | 620.7E6 | 146.6E6  | 52.204   | 51.539     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.048  | 679.4E6 | 159.7E6  | 52.100   | 51.830     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.119  | 657.7E6 | 157.5E6  | 50.898   | 50.612     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.278  | 662.4E6 | 146.8E6  | 53.179   | 51.643     |
| 13)                         | MA Dieldrin     | 5.752 | 6.424  | 673.1E6 | 152.2E6  | 53.365   | 51.440     |
| 14)                         | MA Endrin       | 6.009 | 6.641  | 509.5E6 | 104.8E6  | 44.572   | 43.449     |
| 15)                         | B Endosulfa...  | 6.282 | 6.851  | 550.2E6 | 126.1E6  | 50.659   | 47.990     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.767  | 556.2E6 | 125.3E6  | 56.751   | 54.858     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.063  | 432.4E6 | 95222105 | 43.359   | 41.807     |
| 18)                         | B Endrin al...  | 6.450 | 6.974  | 480.0E6 | 113.2E6  | 51.971   | 50.903     |
| 19)                         | B Endosulfa...  | 6.663 | 7.196  | 536.4E6 | 124.0E6  | 53.413   | 50.859     |
| 20)                         | A Methoxychlor  | 6.920 | 7.523  | 222.1E6 | 52046395 | 41.384   | 40.018     |
| 21)                         | B Endrin ke...  | 7.153 | 7.664  | 657.7E6 | 140.5E6  | 58.192   | 54.272     |
| 22)                         | Mirex           | 7.341 | 8.114  | 415.8E6 | 95485687 | 51.340   | 50.005     |
| 24)                         | Chlordane-2     | 4.832 | 5.429f | 920848  | 158.1E6  | 2.534    | 1677.495 # |
| 25)                         | Chlordane-3     | 5.398 | 6.048  | 679.4E6 | 159.7E6  | 602.466  | 421.270 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.119  | 657.7E6 | 157.5E6  | 686.089  | 344.197 #  |
| 27)                         | Chlordane-5     | 6.282 | 0.000  | 550.2E6 | 0        | 1512.150 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

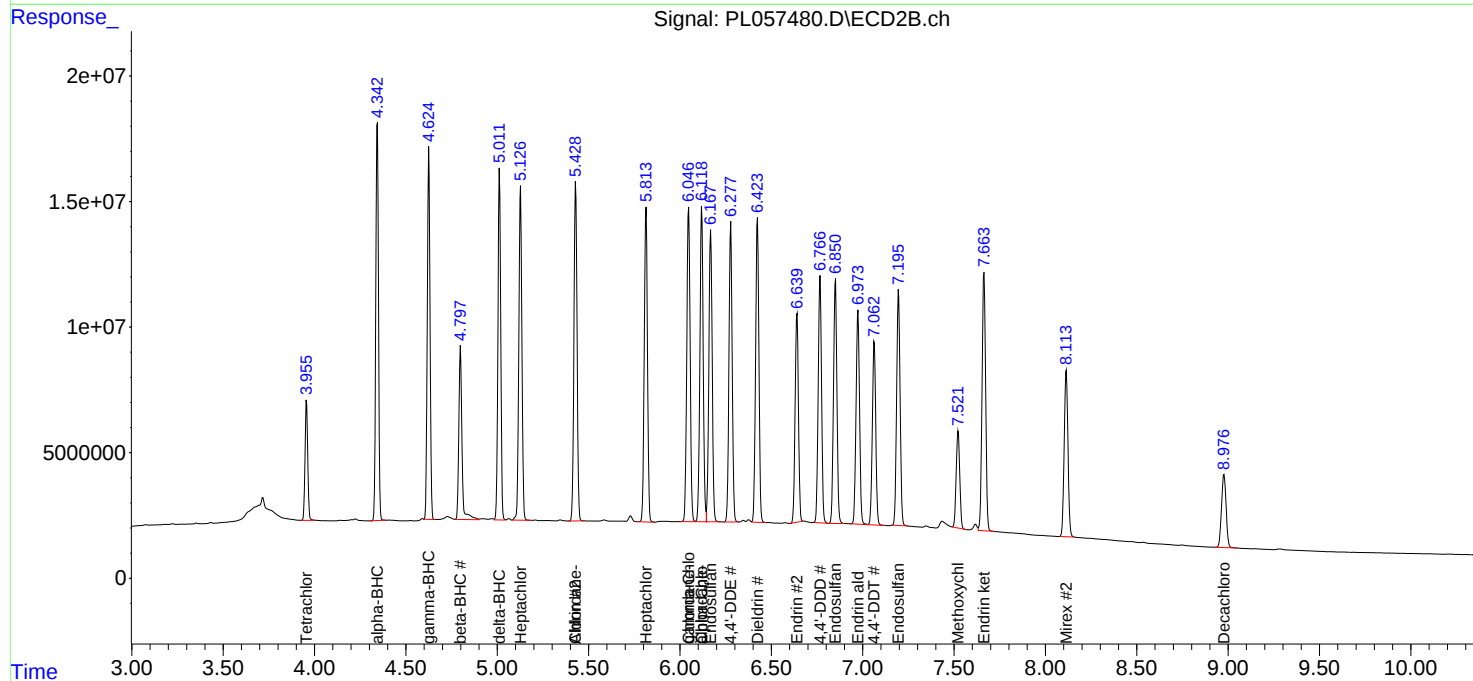
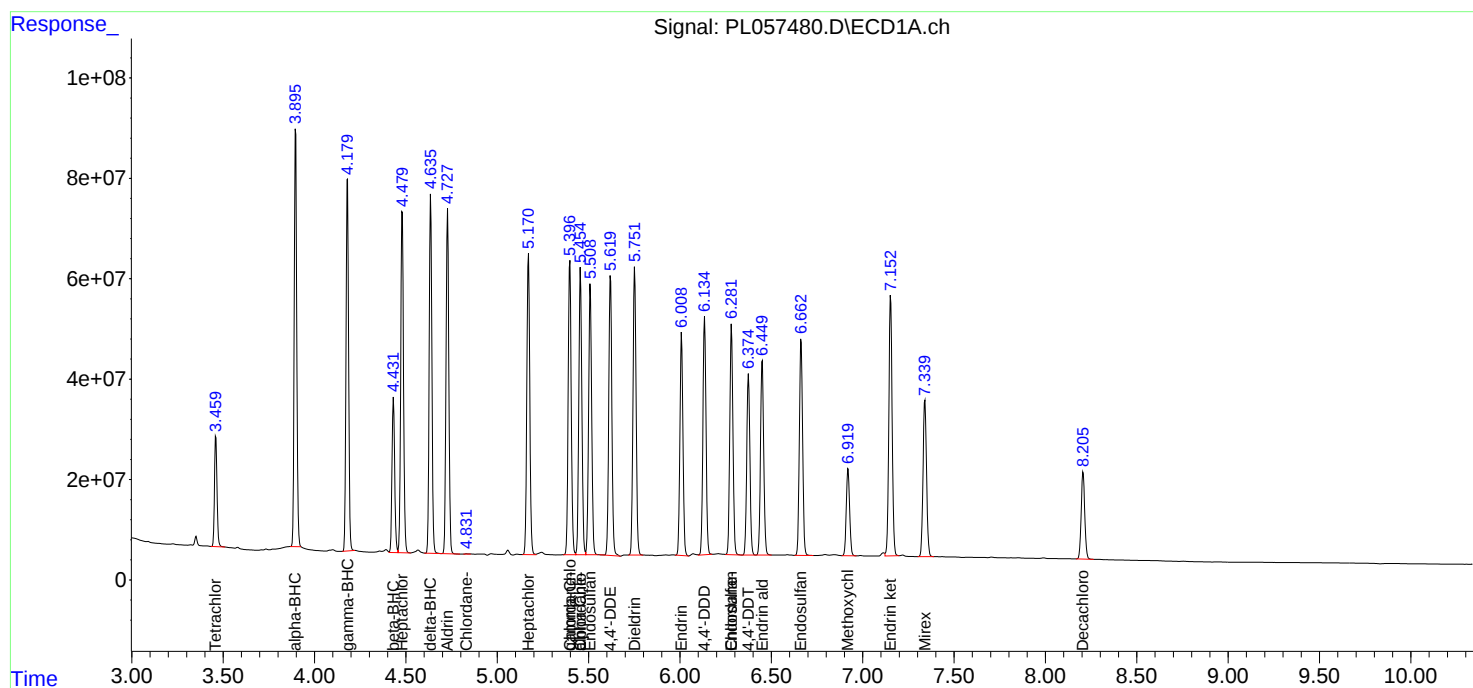
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

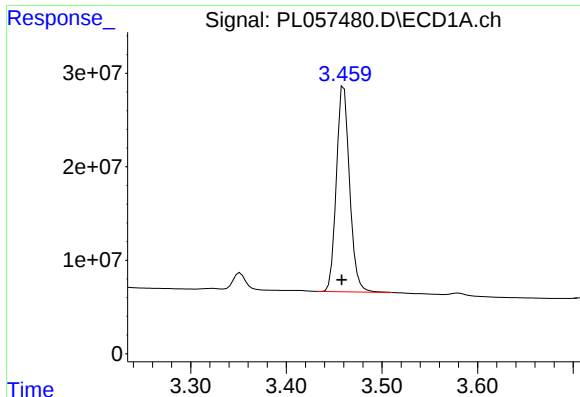
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031920\  
Data File : PL057480.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Mar 2020 15:22  
Operator : AJ\MA  
Sample : PB127677BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 01:21:55 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 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

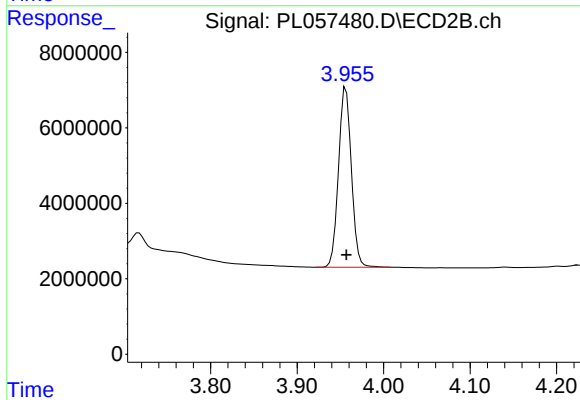




#1 Tetrachloro-m-xylene

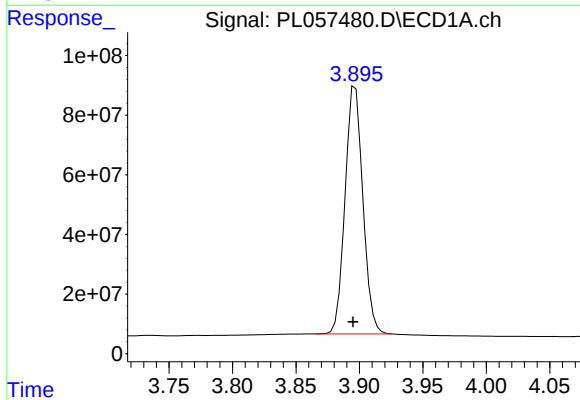
R.T.: 3.460 min  
Delta R.T.: 0.002 min  
Response: 210719504  
Conc: 22.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



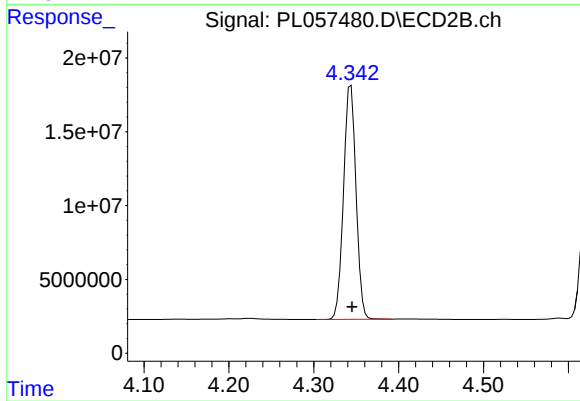
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 49019462  
Conc: 22.59 ng/ml



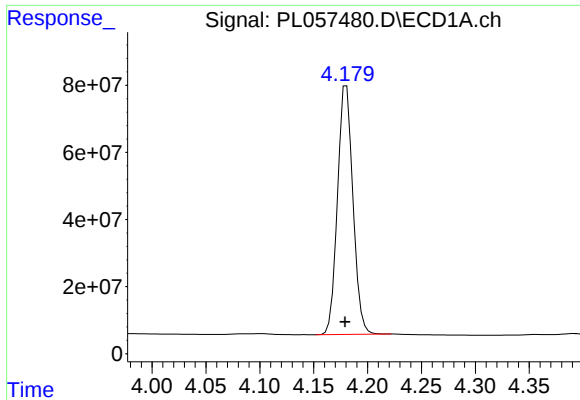
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: 0.002 min  
Response: 810445371  
Conc: 50.88 ng/ml



#2 alpha-BHC

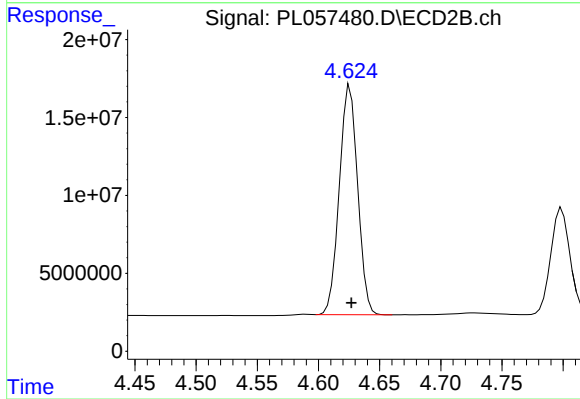
R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 161676214  
Conc: 50.33 ng/ml



#3 gamma-BHC (Lindane)

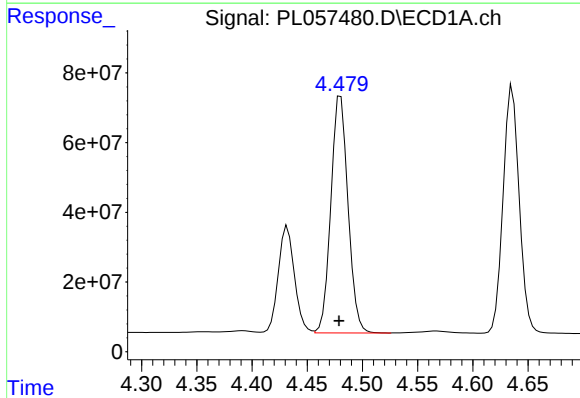
R.T.: 4.180 min  
Delta R.T.: 0.001 min  
Response: 738316300  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



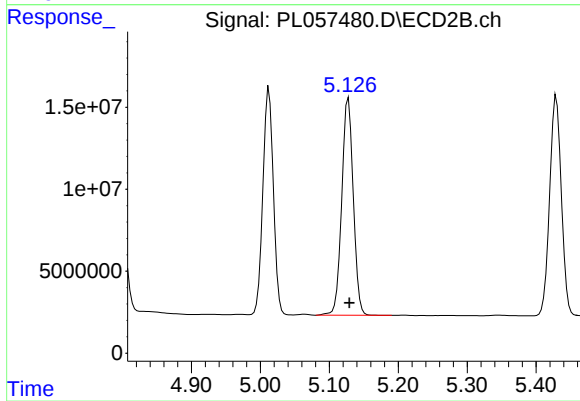
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: -0.001 min  
Response: 153725262  
Conc: 49.00 ng/ml



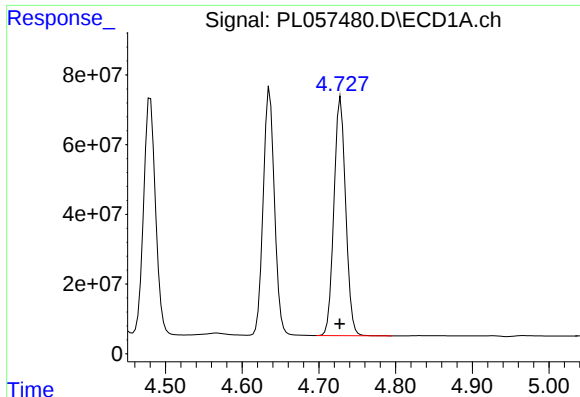
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.001 min  
Response: 734588802  
Conc: 49.46 ng/ml



#4 Heptachlor

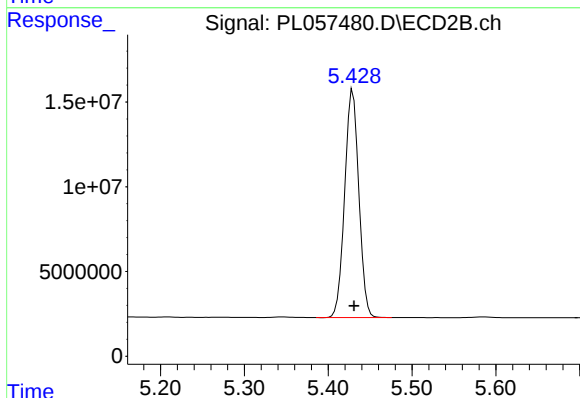
R.T.: 5.128 min  
Delta R.T.: -0.001 min  
Response: 154671442  
Conc: 49.14 ng/ml



#5 Aldrin

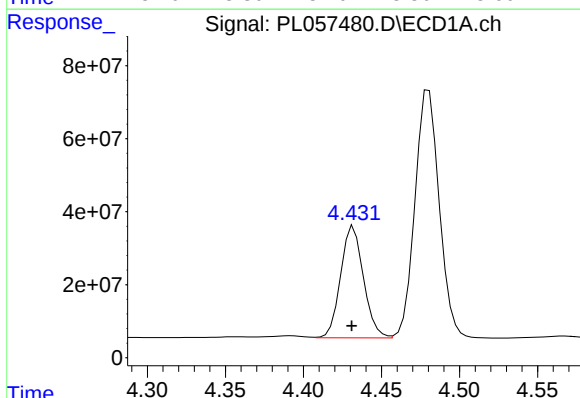
R.T.: 4.728 min  
Delta R.T.: 0.001 min  
Response: 725658465  
Conc: 52.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



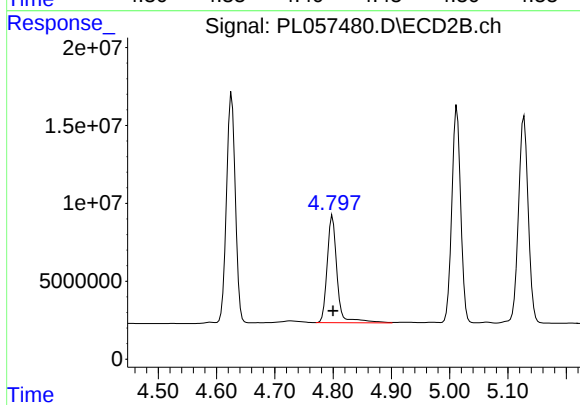
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: -0.002 min  
Response: 158089092  
Conc: 51.82 ng/ml



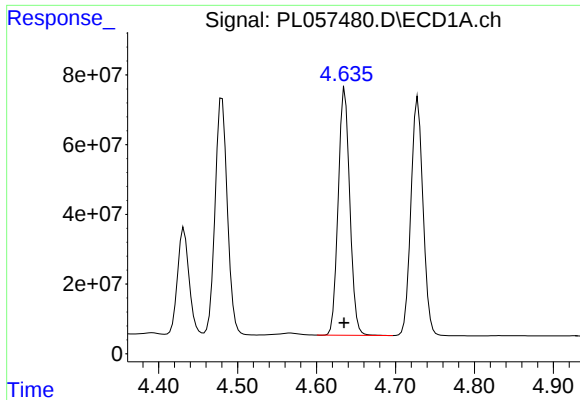
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: 0.001 min  
Response: 311853330  
Conc: 53.04 ng/ml



#6 beta-BHC

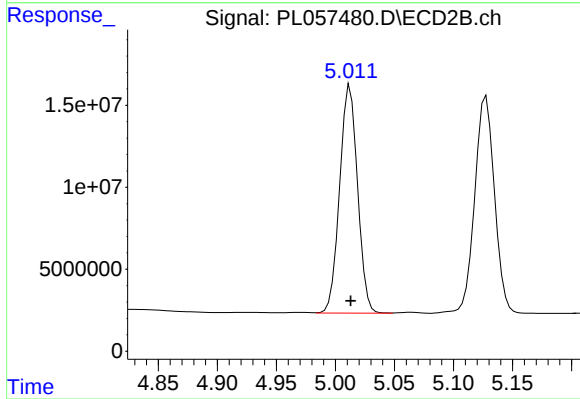
R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 81739296  
Conc: 56.67 ng/ml



#7 delta-BHC

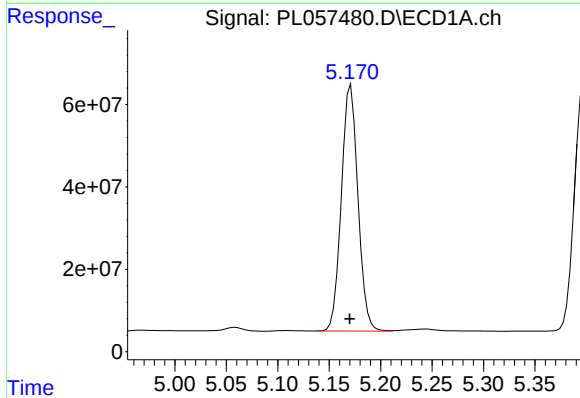
R.T.: 4.636 min  
Delta R.T.: 0.000 min  
Response: 722022574  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



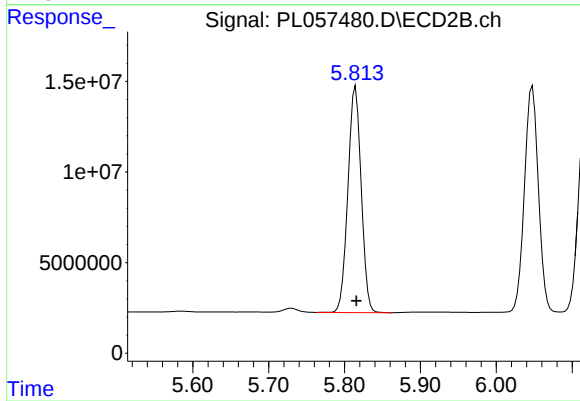
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 147101211  
Conc: 56.14 ng/ml



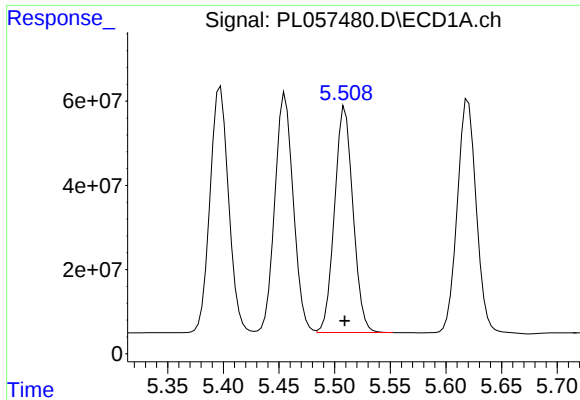
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: 0.001 min  
Response: 670026229  
Conc: 52.28 ng/ml



#8 Heptachlor epoxide

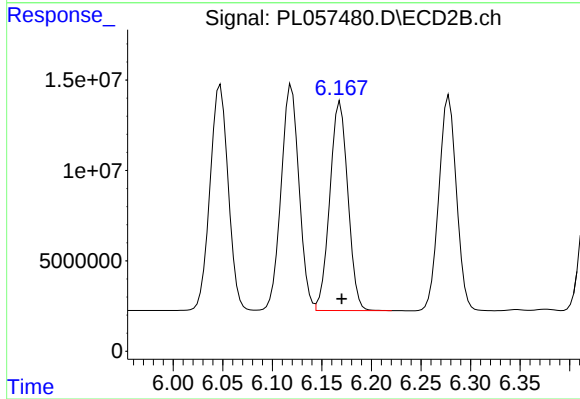
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 151983904  
Conc: 55.70 ng/ml



#9 Endosulfan I

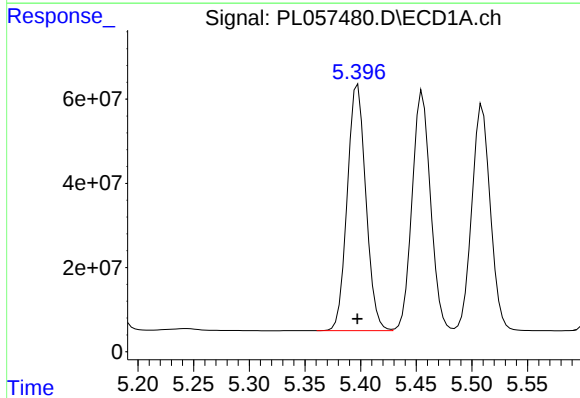
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 620697354  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



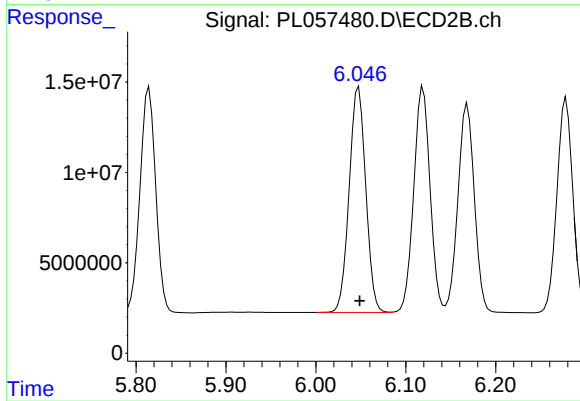
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 146644626  
Conc: 51.54 ng/ml



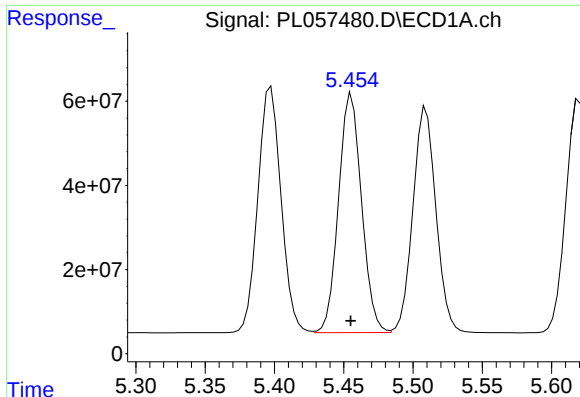
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 679389140  
Conc: 52.10 ng/ml



#10 gamma-Chlordane

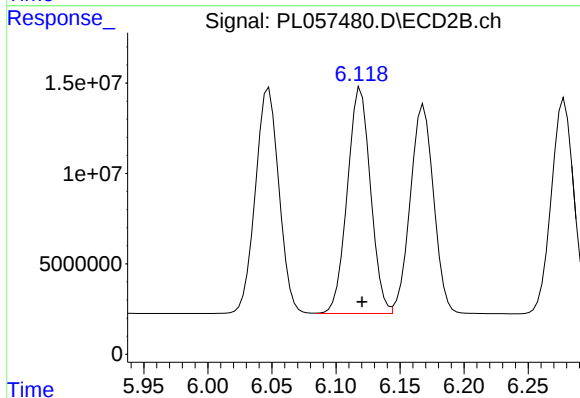
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 159745300  
Conc: 51.83 ng/ml



#11 alpha-Chlordane

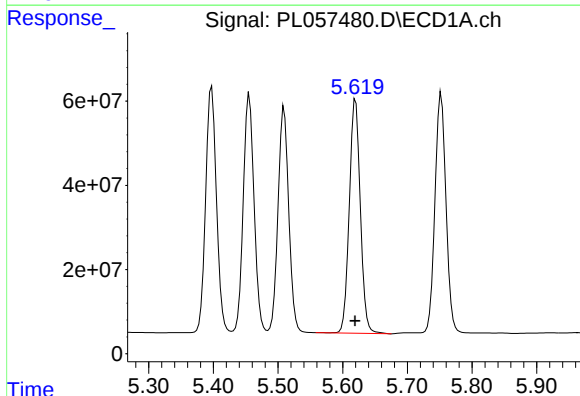
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 657732943  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



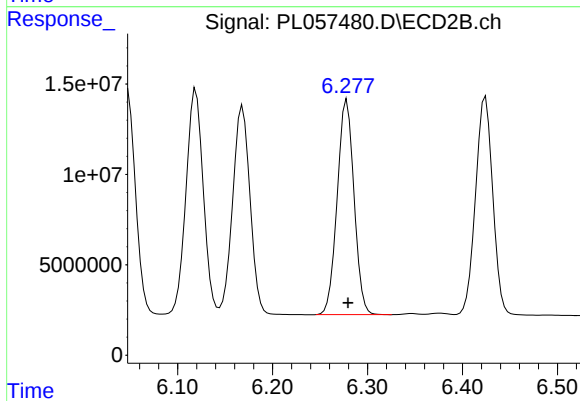
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.001 min  
Response: 157537505  
Conc: 50.61 ng/ml



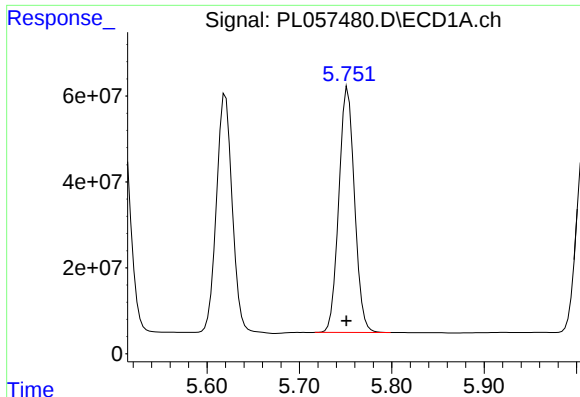
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 662381329  
Conc: 53.18 ng/ml



#12 4,4'-DDE

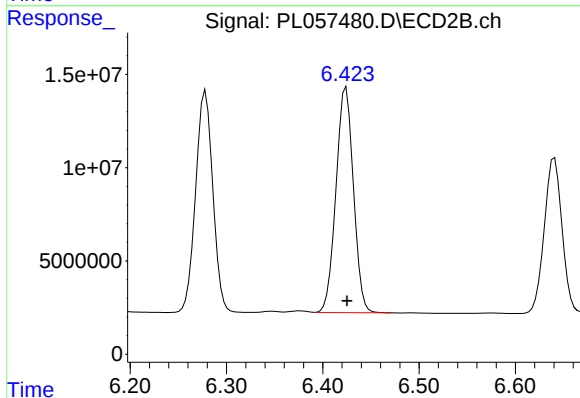
R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 146791913  
Conc: 51.64 ng/ml



#13 Dieldrin

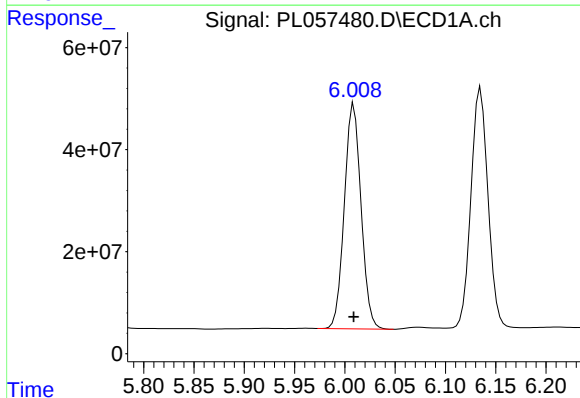
R.T.: 5.752 min  
Delta R.T.: 0.001 min  
Response: 673080447  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



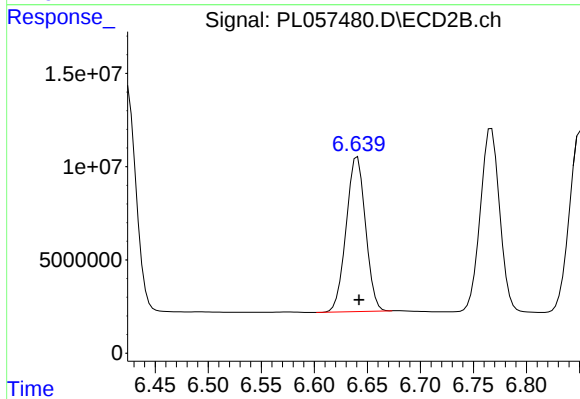
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 152159034  
Conc: 51.44 ng/ml



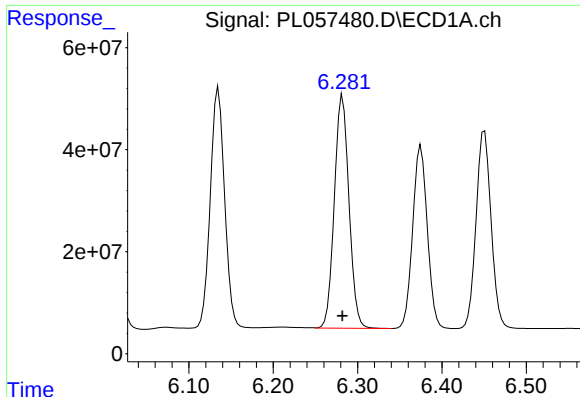
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 509519074  
Conc: 44.57 ng/ml



#14 Endrin

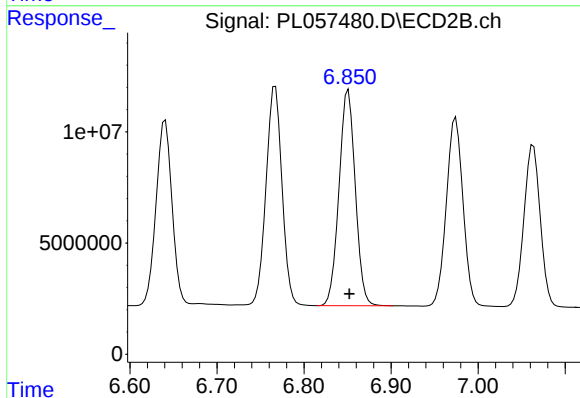
R.T.: 6.641 min  
Delta R.T.: -0.002 min  
Response: 104832302  
Conc: 43.45 ng/ml



#15 Endosulfan II

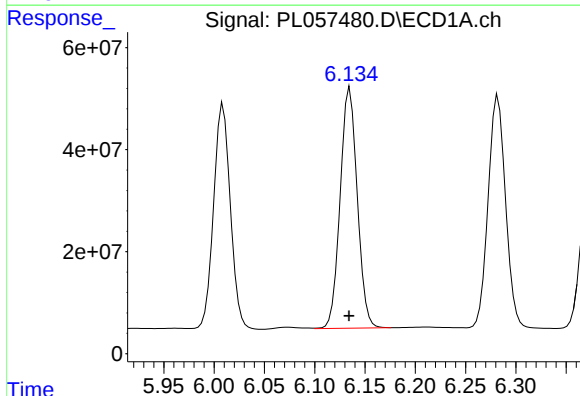
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 550207524  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



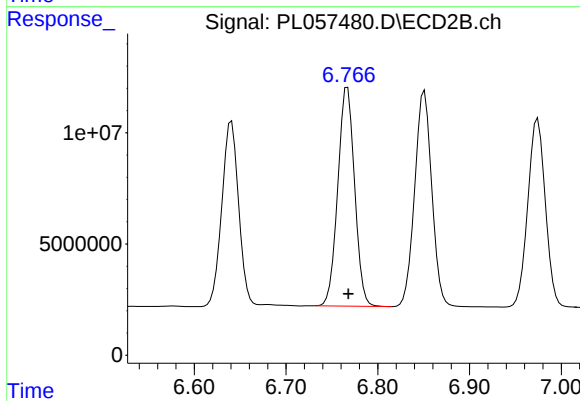
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.001 min  
Response: 126061766  
Conc: 47.99 ng/ml



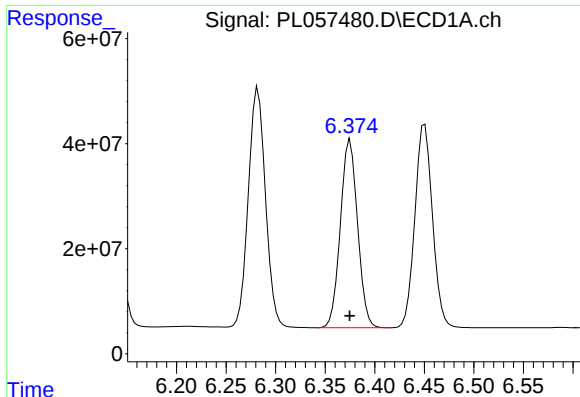
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 556234317  
Conc: 56.75 ng/ml



#16 4,4'-DDD

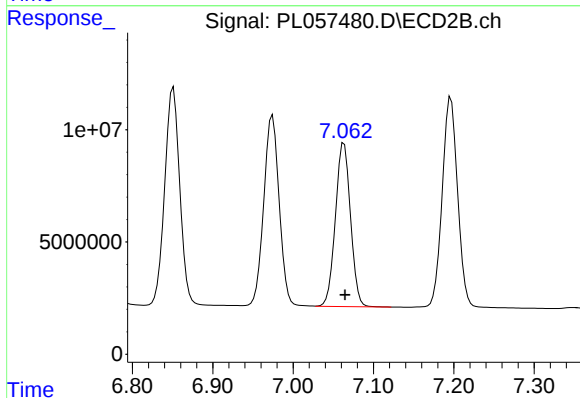
R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 125280691  
Conc: 54.86 ng/ml



#17 4,4'-DDT

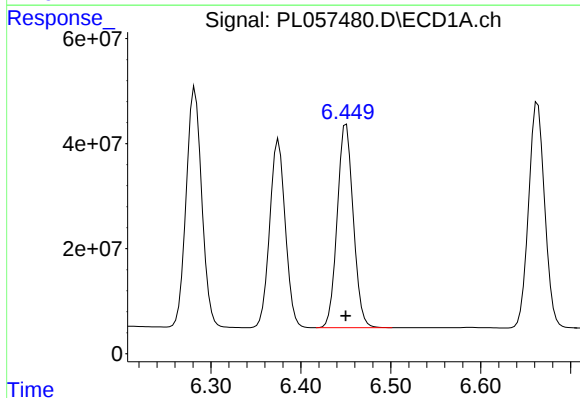
R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 432413809  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



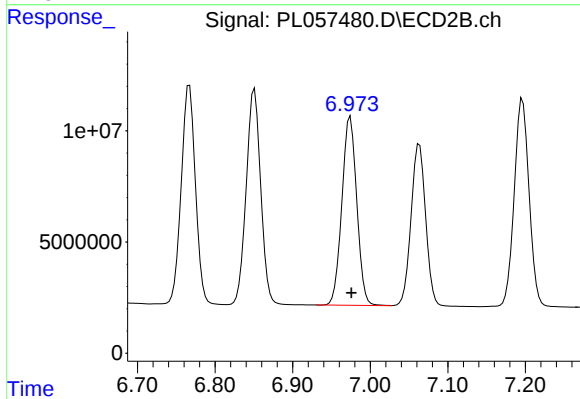
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.001 min  
Response: 95222105  
Conc: 41.81 ng/ml



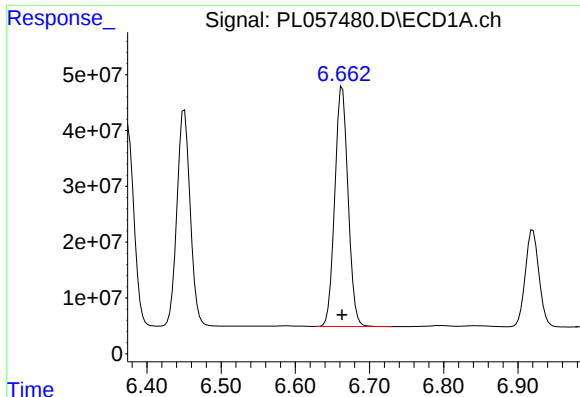
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 479968478  
Conc: 51.97 ng/ml



#18 Endrin aldehyde

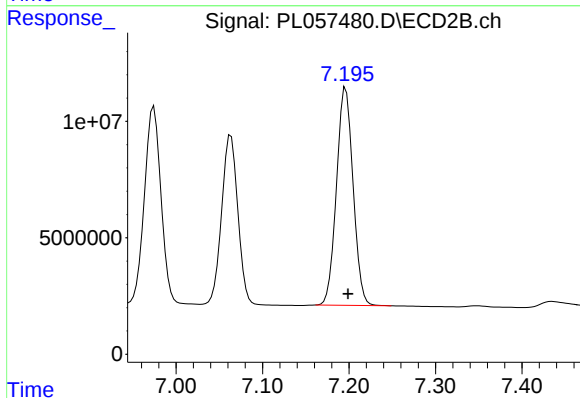
R.T.: 6.974 min  
Delta R.T.: -0.001 min  
Response: 113161256  
Conc: 50.90 ng/ml



#19 Endosulfan Sulfate

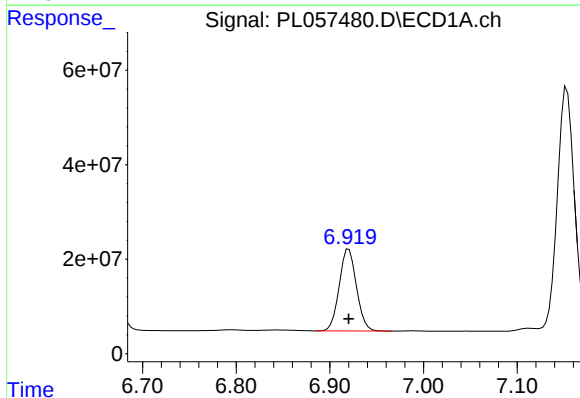
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 536401323  
Conc: 53.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



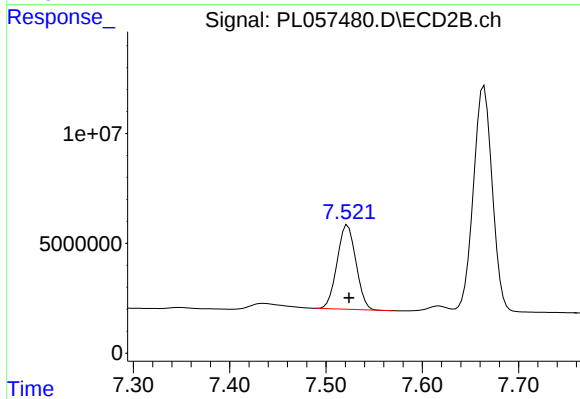
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.002 min  
Response: 124046960  
Conc: 50.86 ng/ml



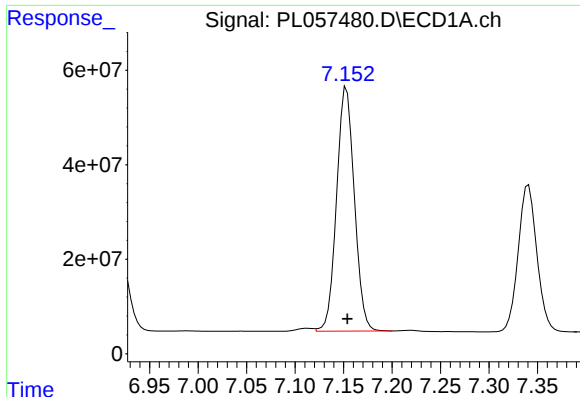
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 222060036  
Conc: 41.38 ng/ml



#20 Methoxychlor

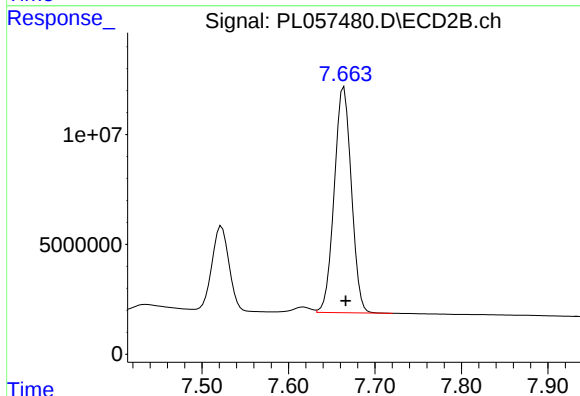
R.T.: 7.523 min  
Delta R.T.: -0.001 min  
Response: 52046395  
Conc: 40.02 ng/ml



#21 Endrin ketone

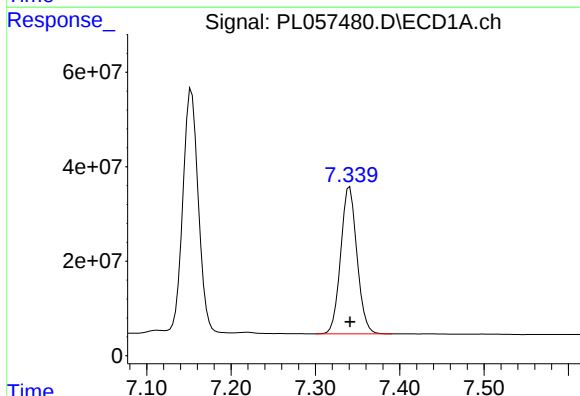
R.T.: 7.153 min  
Delta R.T.: 0.000 min  
Response: 657721195  
Conc: 58.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



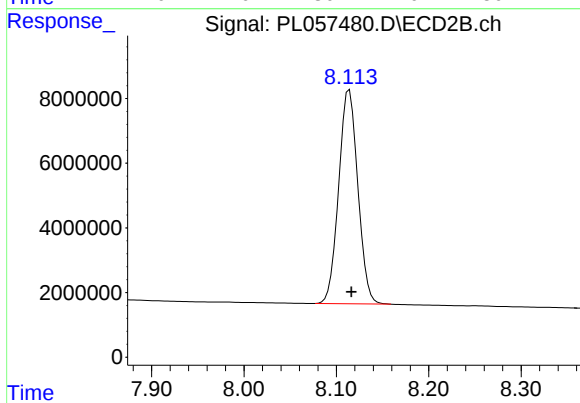
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.002 min  
Response: 140488731  
Conc: 54.27 ng/ml



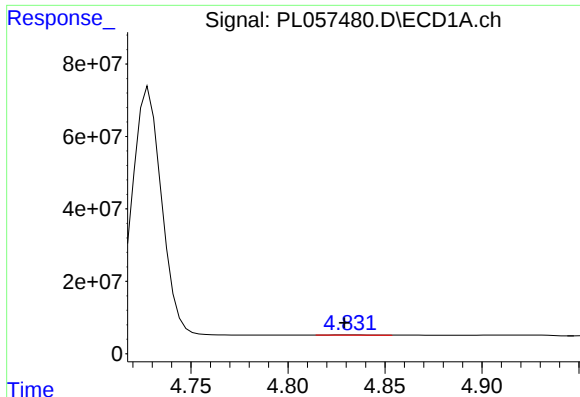
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 415819942  
Conc: 51.34 ng/ml



#22 Mirex

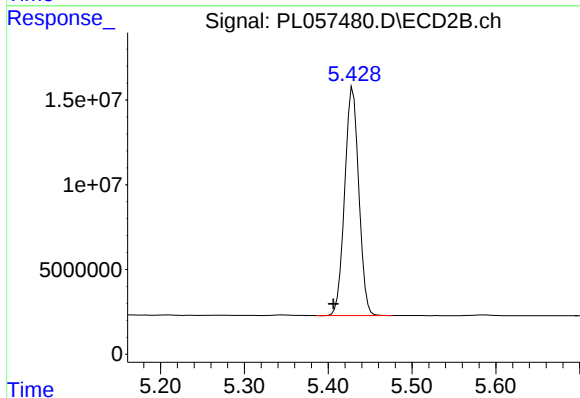
R.T.: 8.114 min  
Delta R.T.: -0.002 min  
Response: 95485687  
Conc: 50.00 ng/ml



#24 Chlordane-2

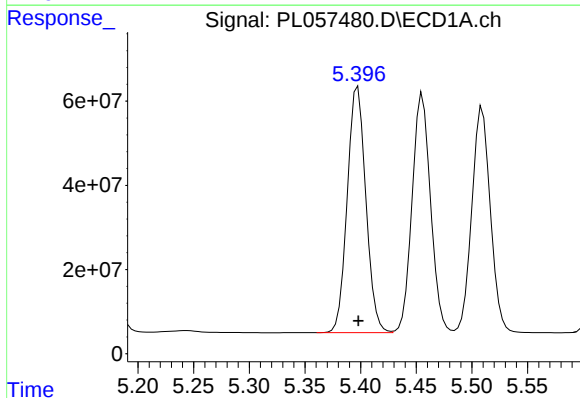
R.T.: 4.832 min  
Delta R.T.: 0.003 min  
Response: 920848  
Conc: 2.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



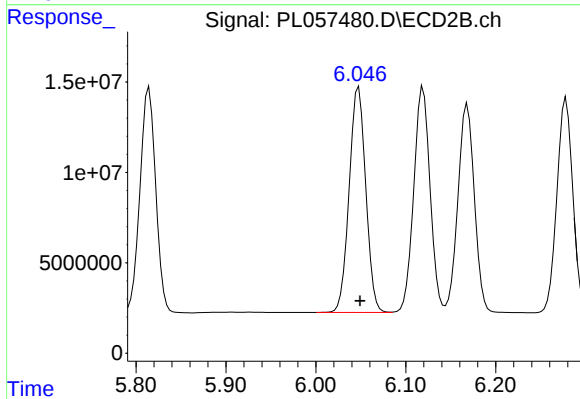
#24 Chlordane-2

R.T.: 5.429 min  
Delta R.T.: 0.023 min  
Response: 158089092  
Conc: 1677.50 ng/ml



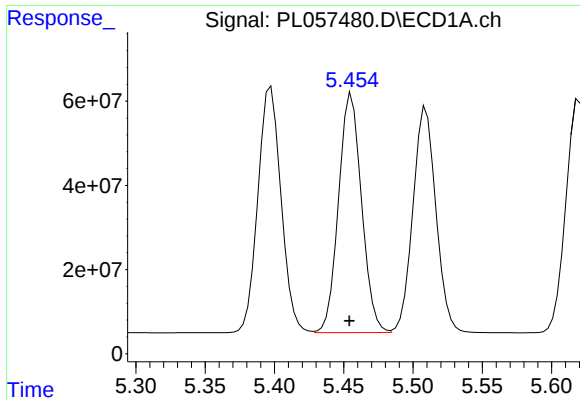
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 679389140  
Conc: 602.47 ng/ml



#25 Chlordane-3

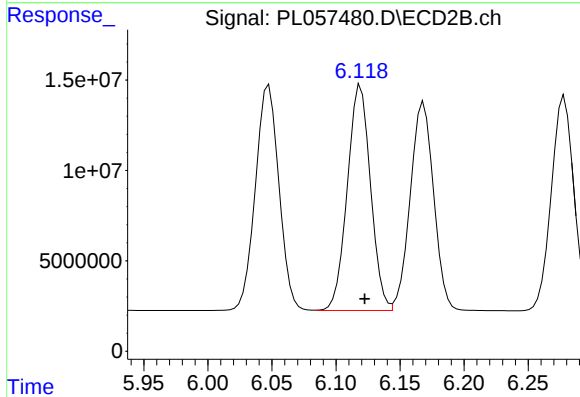
R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 159745300  
Conc: 421.27 ng/ml



#26 Chlordane-4

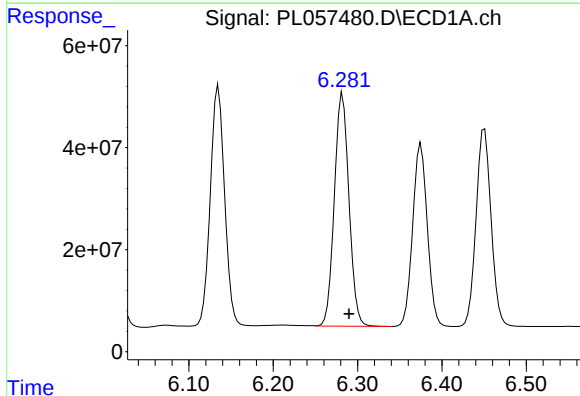
R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 657732943  
Conc: 686.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



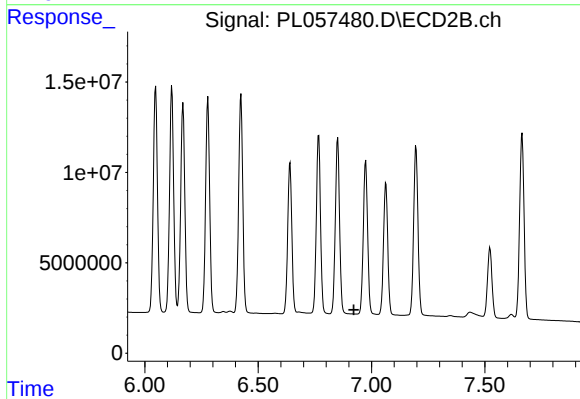
#26 Chlordane-4

R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 157537505  
Conc: 344.20 ng/ml



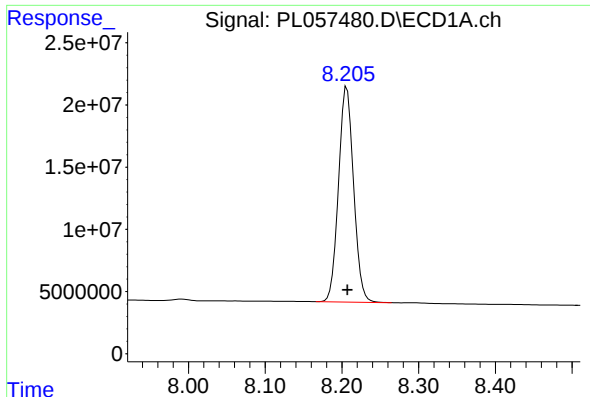
#27 Chlordane-5

R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 550207524  
Conc: 1512.15 ng/ml



#27 Chlordane-5

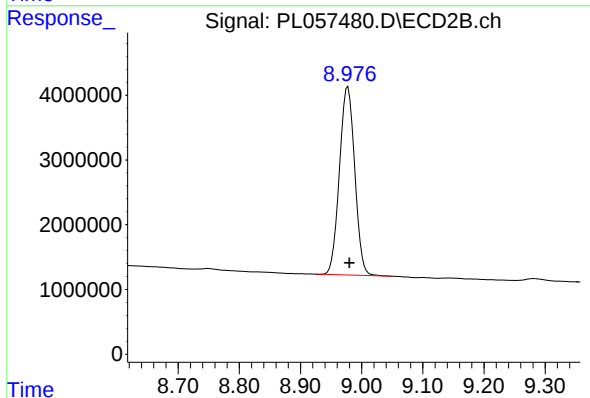
R.T.: 0.000 min  
Exp R.T.: 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 236541389  
Conc: 22.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.003 min  
Response: 50560665  
Conc: 22.80 ng/ml