

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071819\  
 Data File : PL050599.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2019 03:20  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 03:49:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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... | 3.320  | 3.930  | 529.9E6  | 146.8E6  | 52.741   | 51.445     |
| 28)                         | SA Decachlor... | 7.980  | 8.960  | 506.8E6  | 142.6E6  | 50.055   | 50.435     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.747  | 4.319  | 885.9E6  | 218.2E6  | 52.866   | 52.877     |
| 3)                          | MA gamma-BHC... | 4.023  | 4.602  | 826.0E6  | 204.4E6  | 53.698   | 52.779     |
| 4)                          | MA Heptachlor   | 4.306  | 5.103  | 863.4E6  | 213.7E6  | 52.622   | 51.524     |
| 5)                          | MB Aldrin       | 4.544  | 5.405  | 843.6E6  | 197.1E6  | 54.453   | 52.291     |
| 6)                          | B beta-BHC      | 4.277  | 4.778  | 347.4E6  | 97224759 | 52.989   | 56.236     |
| 7)                          | B delta-BHC     | 4.470  | 4.991  | 884.8E6  | 204.2E6  | 53.923   | 52.792     |
| 8)                          | B Heptachlo...  | 4.981  | 5.792  | 773.4E6  | 186.4E6  | 52.353   | 48.728     |
| 9)                          | A Endosulfan I  | 5.311  | 6.147  | 724.1E6  | 174.2E6  | 49.788   | 50.668     |
| 10)                         | B gamma-Chl...  | 5.203  | 6.026  | 817.1E6  | 189.2E6  | 51.769   | 51.196     |
| 11)                         | B alpha-Chl...  | 5.258  | 6.098  | 789.3E6  | 186.9E6  | 51.736   | 51.001     |
| 12)                         | B 4,4'-DDE      | 5.426  | 6.258  | 659.4E6  | 183.8E6  | 44.003   | 51.009     |
| 13)                         | MA Dieldrin     | 5.549  | 6.403  | 797.1E6  | 180.6E6  | 51.437   | 51.012     |
| 14)                         | MA Endrin       | 5.802  | 6.620  | 709.0E6  | 156.5E6  | 48.162   | 50.473     |
| 15)                         | B Endosulfa...  | 6.077  | 6.832  | 680.6E6  | 158.3E6  | 48.635   | 49.777     |
| 16)                         | A 4,4'-DDD      | 5.937  | 6.748  | 614.4E6  | 139.5E6  | 51.265   | 52.373     |
| 17)                         | MA 4,4'-DDT     | 6.171  | 7.045  | 599.1E6  | 134.5E6  | 48.366   | 49.809     |
| 18)                         | B Endrin al...  | 6.244  | 6.956  | 557.9E6  | 129.8E6  | 48.363   | 47.778     |
| 19)                         | B Endosulfa...  | 6.456  | 7.179  | 612.9E6  | 146.4E6  | 48.107   | 50.683     |
| 20)                         | A Methoxychlor  | 6.715  | 7.506  | 294.8E6  | 74305356 | 47.246   | 50.642     |
| 21)                         | B Endrin ke...  | 6.936  | 7.648  | 665.4E6  | 149.9E6  | 48.650   | 51.861     |
| 22)                         | Mirex           | 7.110  | 8.097  | 444.7E6  | 115.6E6  | 45.356   | 50.334     |
| 24)                         | Chlordane-2     | 4.624f | 5.405f | 11215417 | 197.1E6  | 25.056   | 1677.715 # |
| 25)                         | Chlordane-3     | 5.203  | 6.026  | 817.1E6  | 189.2E6  | 583.712  | 393.333 #  |
| 26)                         | Chlordane-4     | 5.258  | 6.098  | 789.3E6  | 186.9E6  | 598.404  | 321.780 #  |
| 27)                         | Chlordane-5     | 6.077  | 0.000  | 680.6E6  | 0        | 1340.000 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

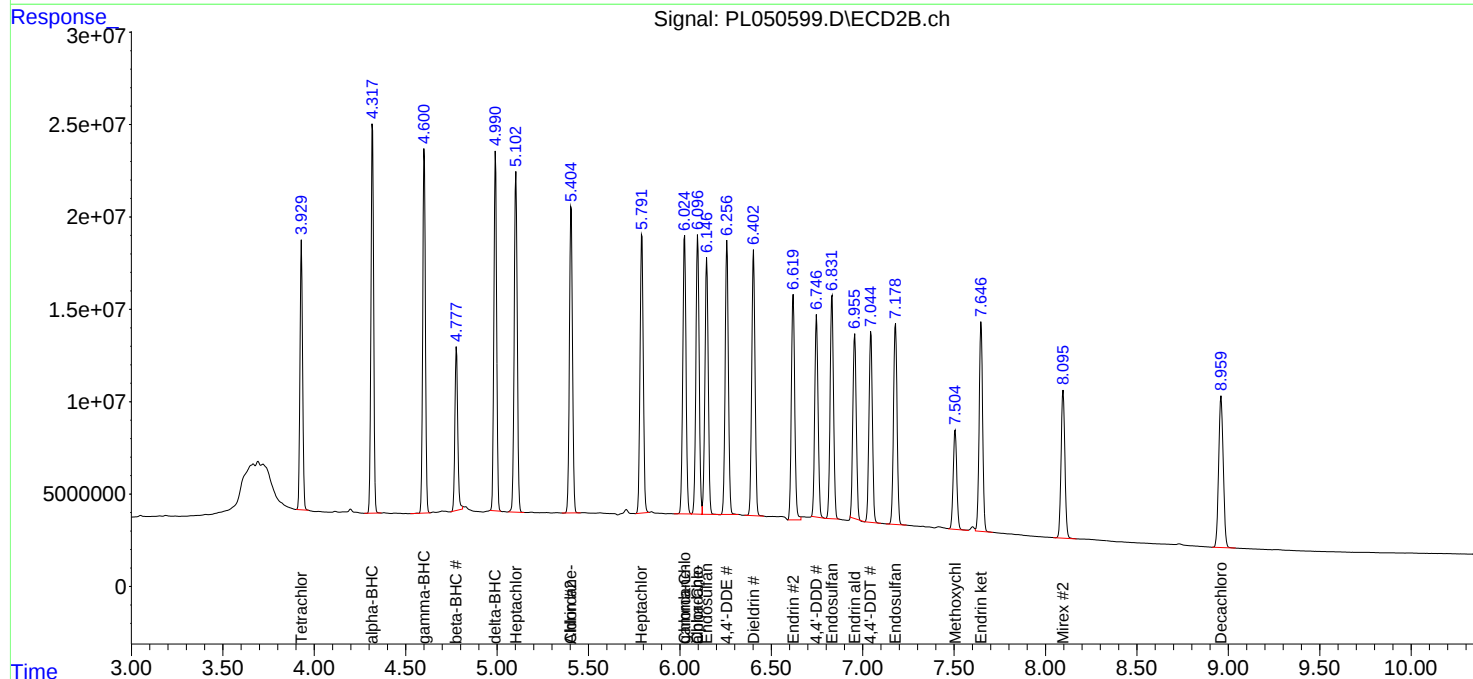
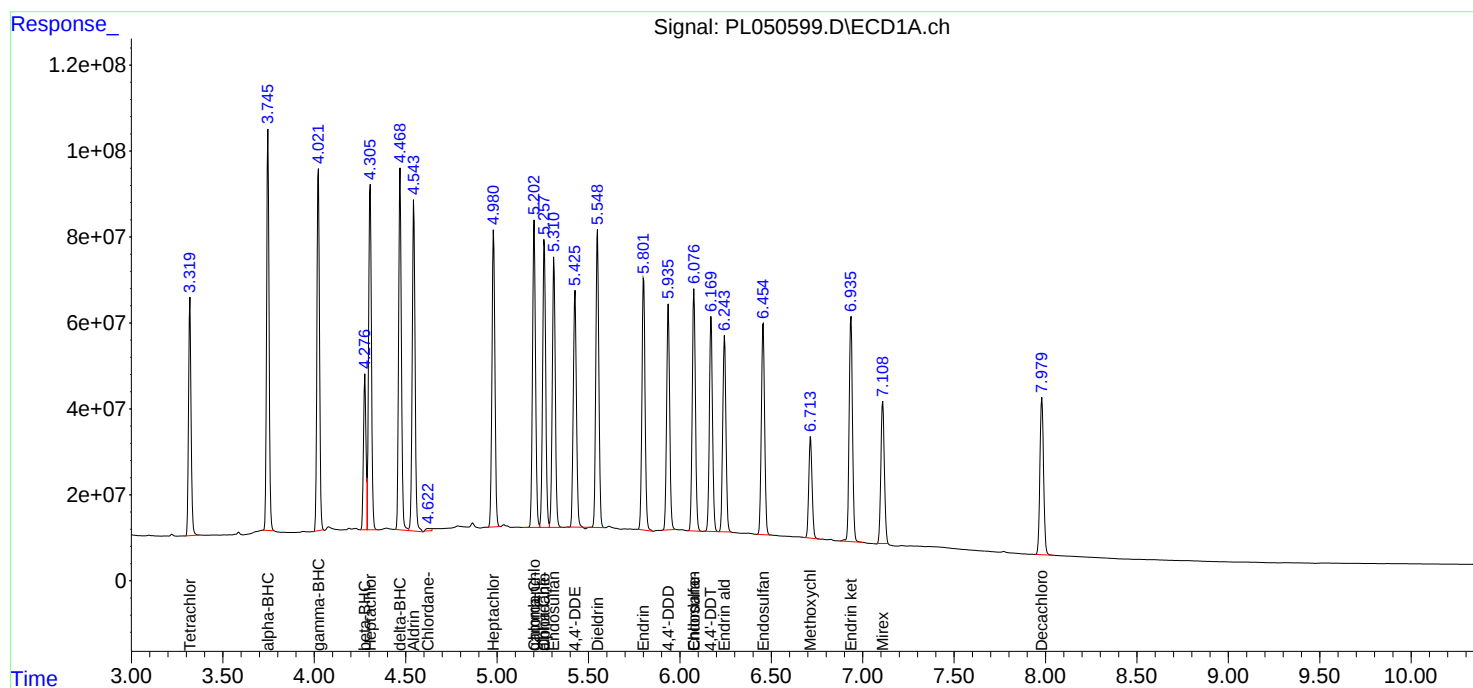
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

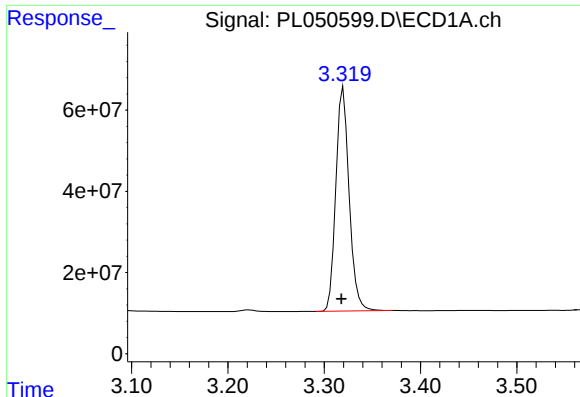
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071819\  
Data File : PL050599.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2019 03:20  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 03:49:54 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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

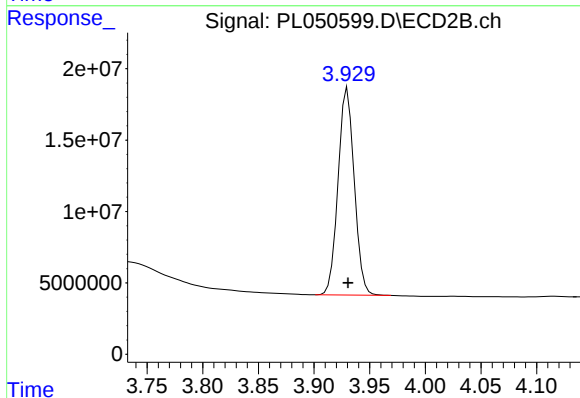




#1 Tetrachloro-m-xylene

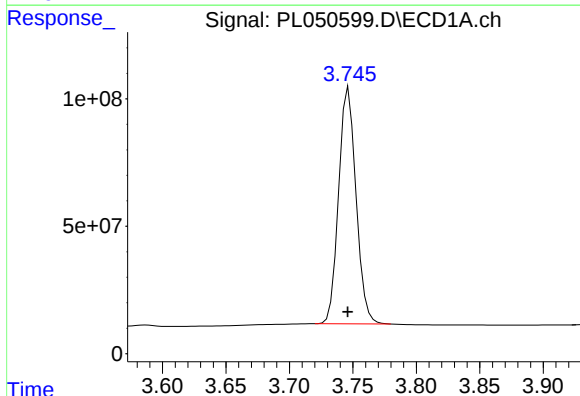
R.T.: 3.320 min  
Delta R.T.: 0.002 min  
Response: 529929049  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



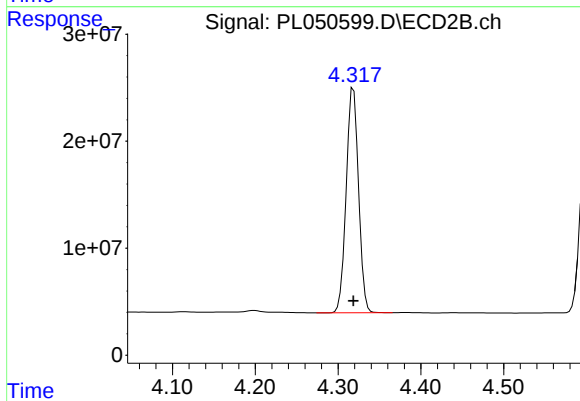
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 146782383  
Conc: 51.44 ng/ml



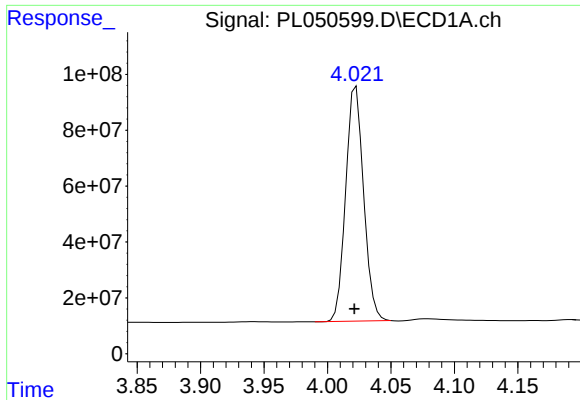
#2 alpha-BHC

R.T.: 3.747 min  
Delta R.T.: 0.000 min  
Response: 885917032  
Conc: 52.87 ng/ml



#2 alpha-BHC

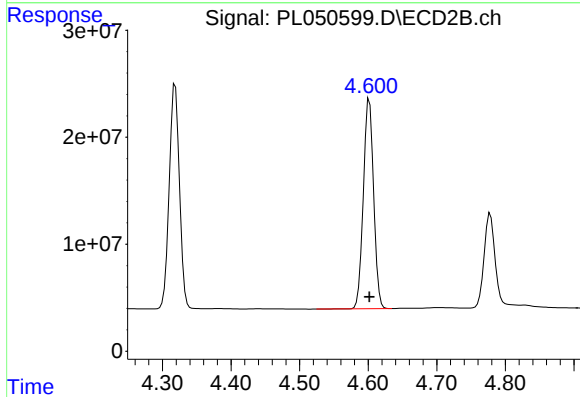
R.T.: 4.319 min  
Delta R.T.: 0.000 min  
Response: 218170544  
Conc: 52.88 ng/ml



#3 gamma-BHC (Lindane)

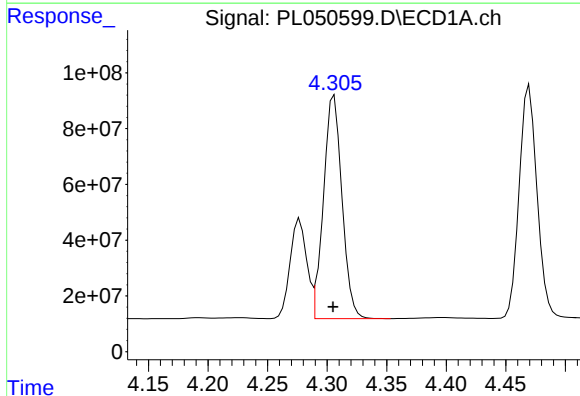
R.T.: 4.023 min  
Delta R.T.: 0.001 min  
Response: 825960228  
Conc: 53.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



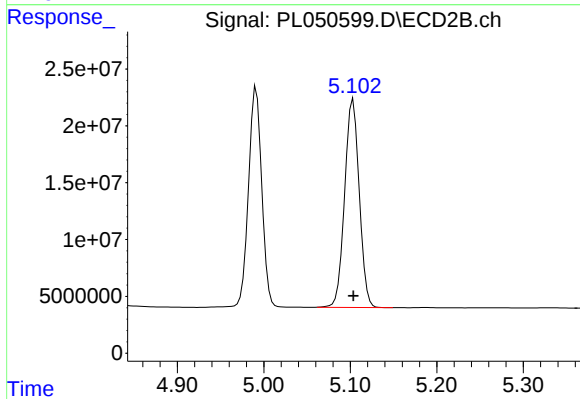
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 204424239  
Conc: 52.78 ng/ml



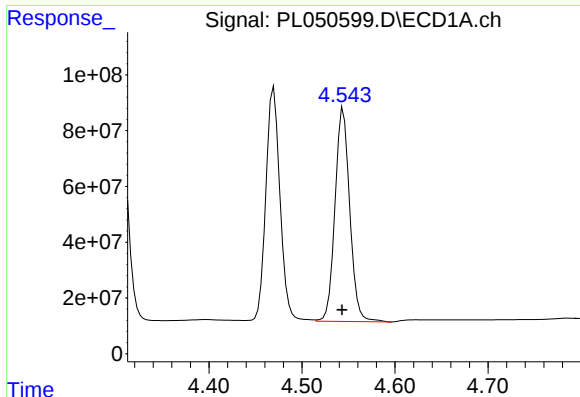
#4 Heptachlor

R.T.: 4.306 min  
Delta R.T.: 0.000 min  
Response: 863422640  
Conc: 52.62 ng/ml



#4 Heptachlor

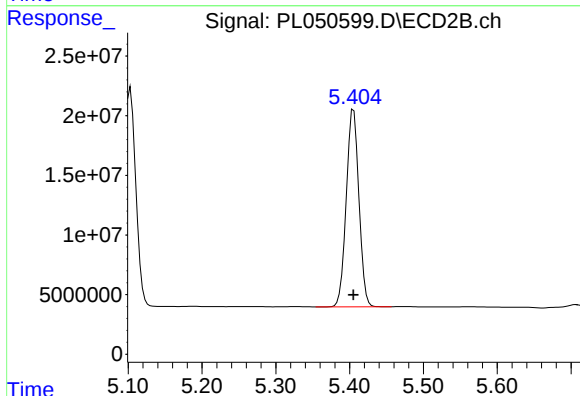
R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 213652497  
Conc: 51.52 ng/ml



#5 Aldrin

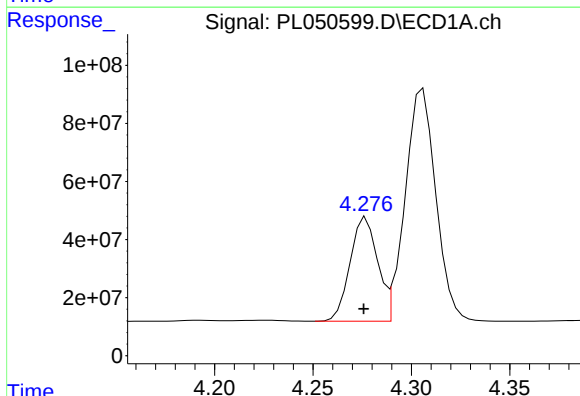
R.T.: 4.544 min  
Delta R.T.: 0.001 min  
Response: 843563347  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



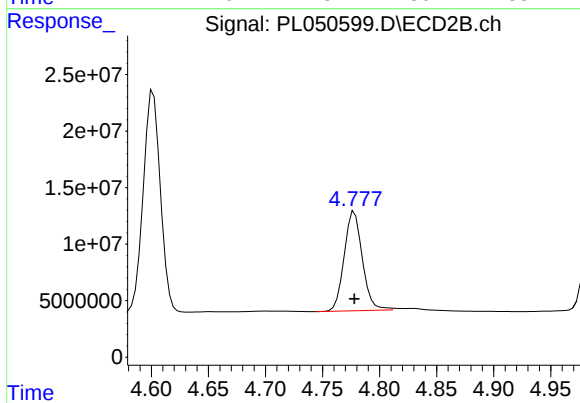
#5 Aldrin

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 197051713  
Conc: 52.29 ng/ml



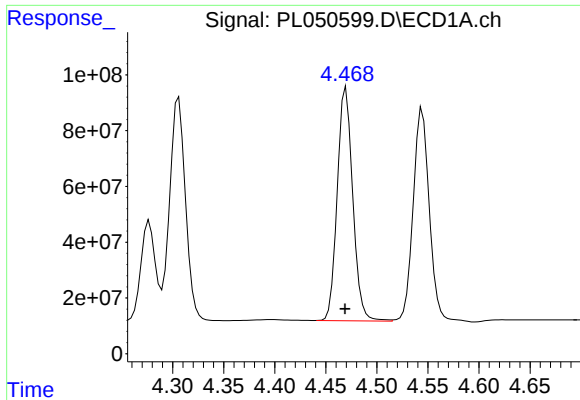
#6 beta-BHC

R.T.: 4.277 min  
Delta R.T.: 0.001 min  
Response: 347389741  
Conc: 52.99 ng/ml



#6 beta-BHC

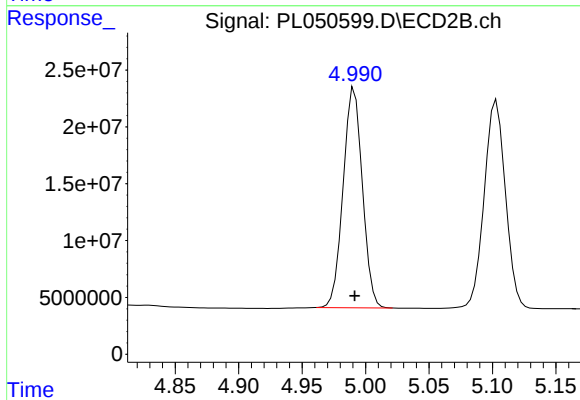
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 97224759  
Conc: 56.24 ng/ml



#7 delta-BHC

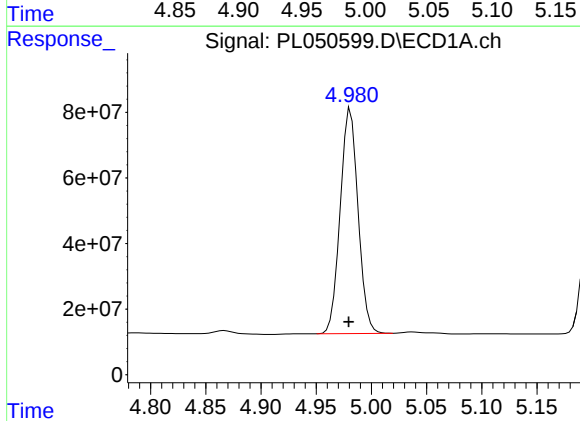
R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 884805645  
Conc: 53.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



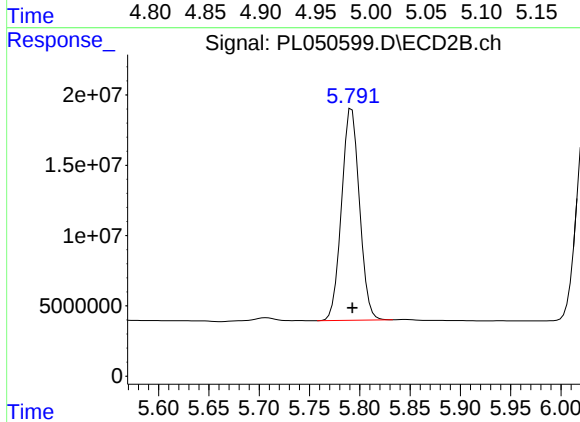
#7 delta-BHC

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 204181018  
Conc: 52.79 ng/ml



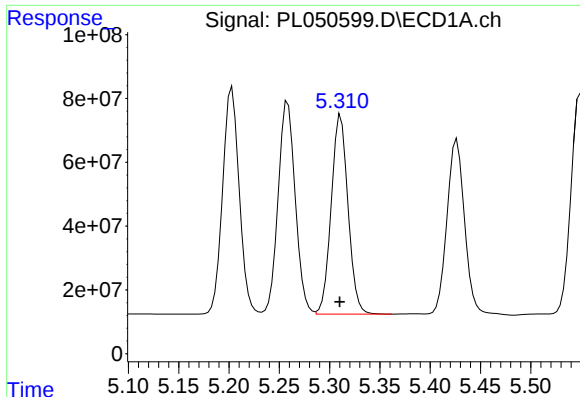
#8 Heptachlor epoxide

R.T.: 4.981 min  
Delta R.T.: 0.002 min  
Response: 773442942  
Conc: 52.35 ng/ml



#8 Heptachlor epoxide

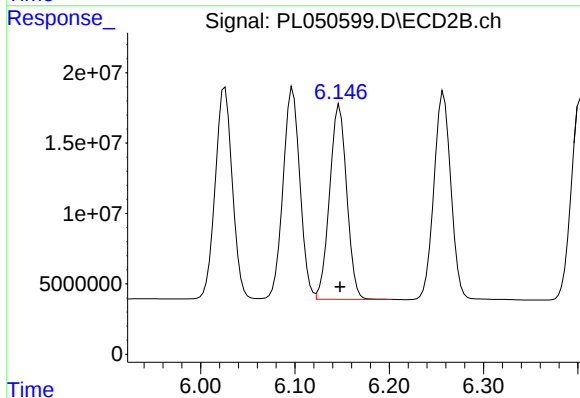
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 186374572  
Conc: 48.73 ng/ml



#9 Endosulfan I

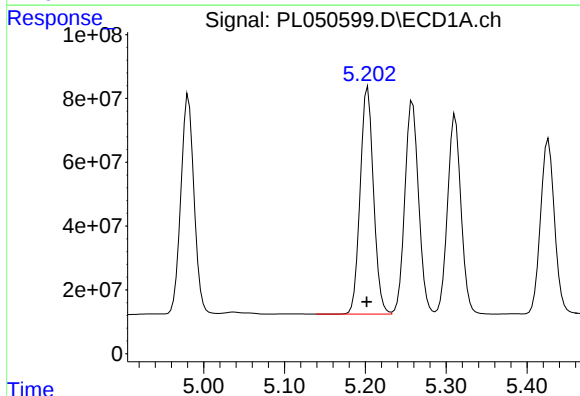
R.T.: 5.311 min  
Delta R.T.: 0.001 min  
Response: 724108234  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



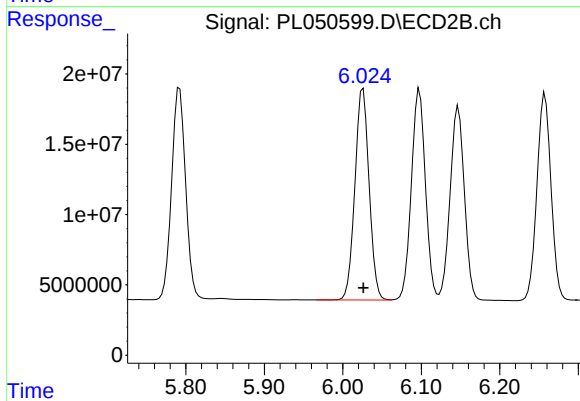
#9 Endosulfan I

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 174240768  
Conc: 50.67 ng/ml



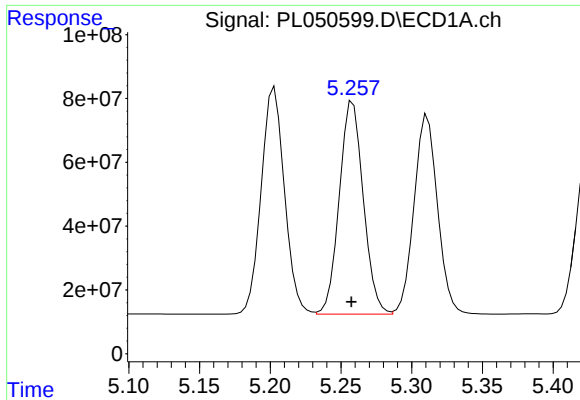
#10 gamma-Chlordane

R.T.: 5.203 min  
Delta R.T.: 0.001 min  
Response: 817073365  
Conc: 51.77 ng/ml



#10 gamma-Chlordane

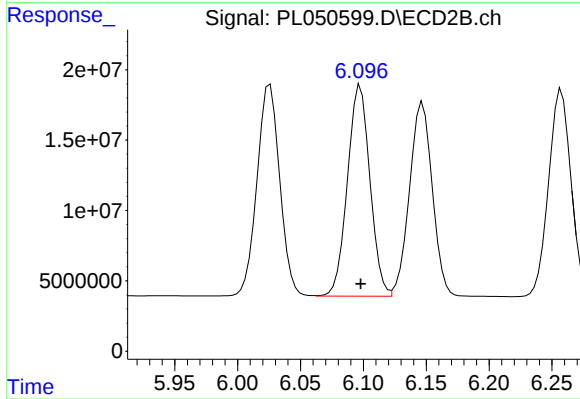
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 189185368  
Conc: 51.20 ng/ml



#11 alpha-Chlordane

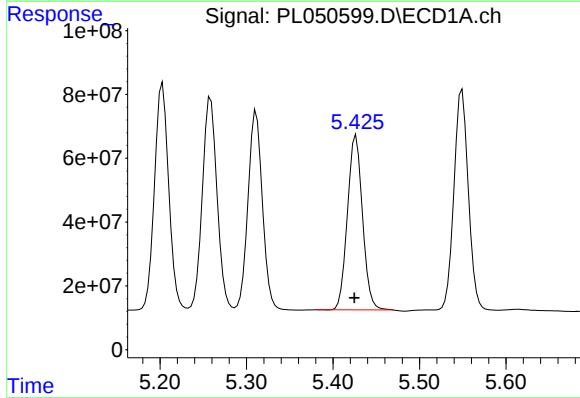
R.T.: 5.258 min  
Delta R.T.: 0.001 min  
Response: 789282909  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



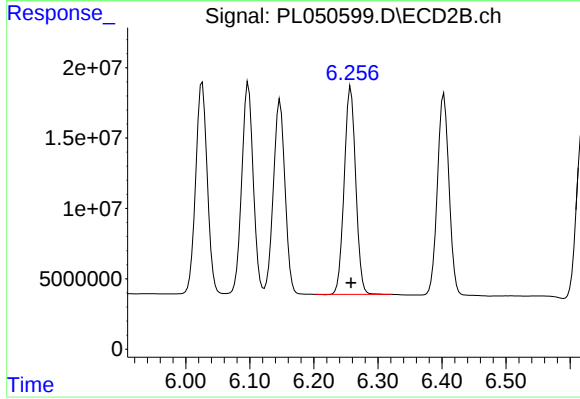
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 186928055  
Conc: 51.00 ng/ml



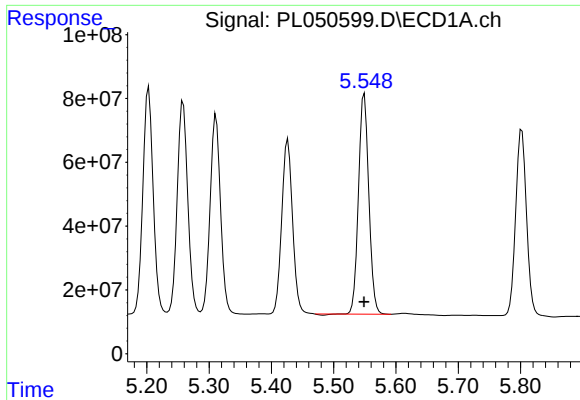
#12 4,4'-DDE

R.T.: 5.426 min  
Delta R.T.: 0.002 min  
Response: 659418605  
Conc: 44.00 ng/ml



#12 4,4'-DDE

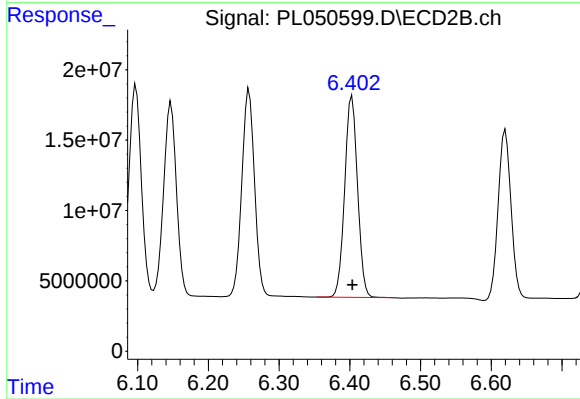
R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 183805616  
Conc: 51.01 ng/ml



#13 Dieldrin

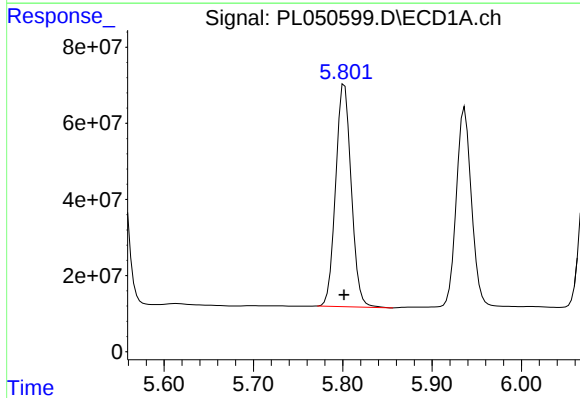
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 797105910  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



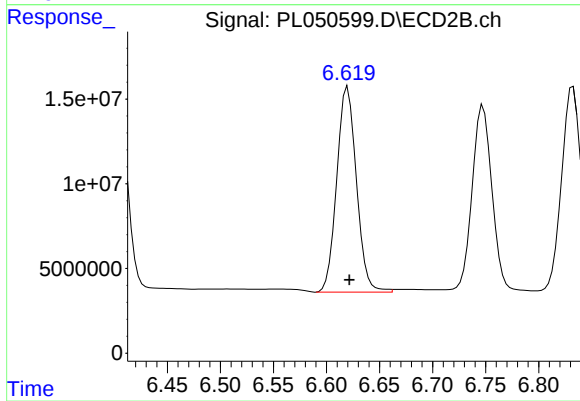
#13 Dieldrin

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 180640769  
Conc: 51.01 ng/ml



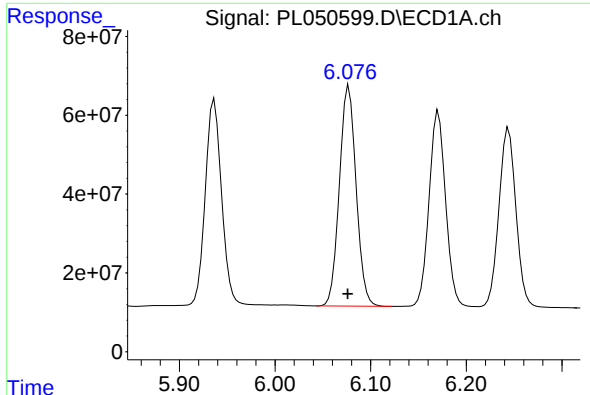
#14 Endrin

R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 708966460  
Conc: 48.16 ng/ml



#14 Endrin

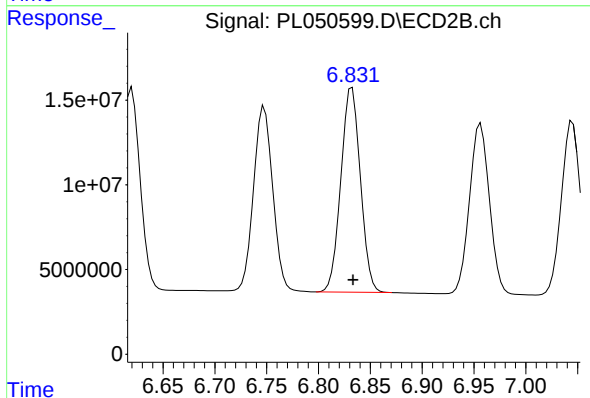
R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 156539384  
Conc: 50.47 ng/ml



#15 Endosulfan II

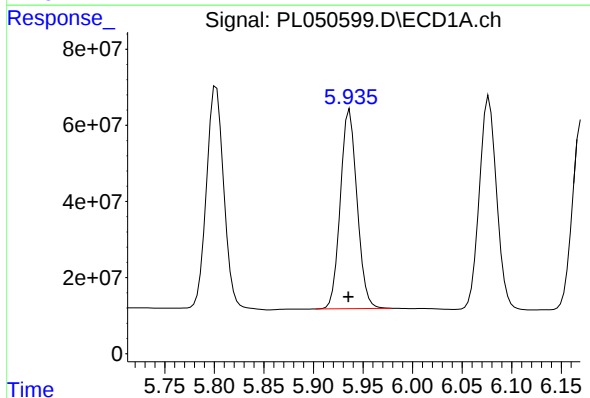
R.T.: 6.077 min  
Delta R.T.: 0.001 min  
Response: 680635538  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



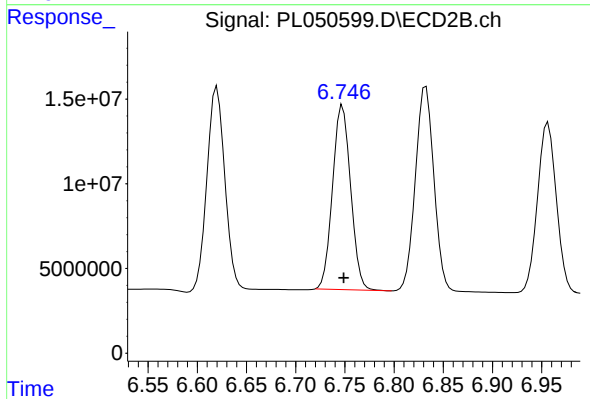
#15 Endosulfan II

R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 158250512  
Conc: 49.78 ng/ml



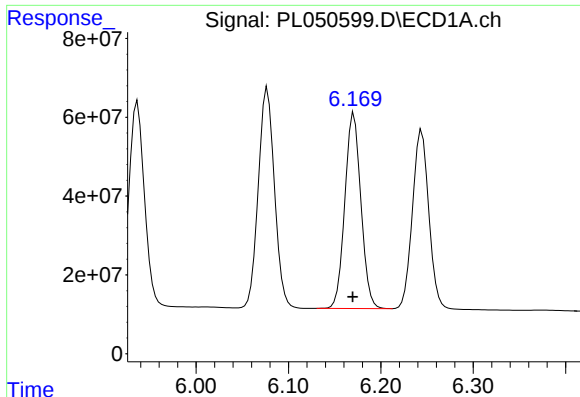
#16 4,4'-DDD

R.T.: 5.937 min  
Delta R.T.: 0.001 min  
Response: 614350521  
Conc: 51.26 ng/ml



#16 4,4'-DDD

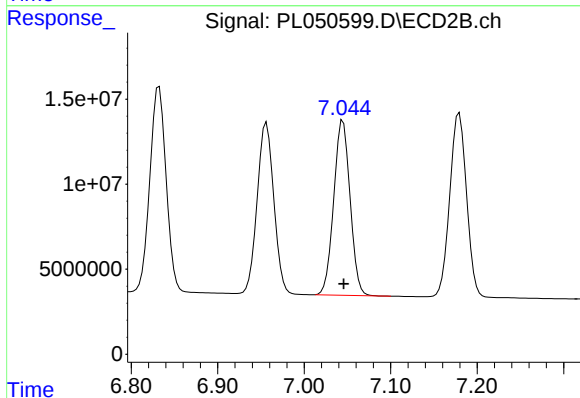
R.T.: 6.748 min  
Delta R.T.: -0.001 min  
Response: 139462847  
Conc: 52.37 ng/ml



#17 4,4'-DDT

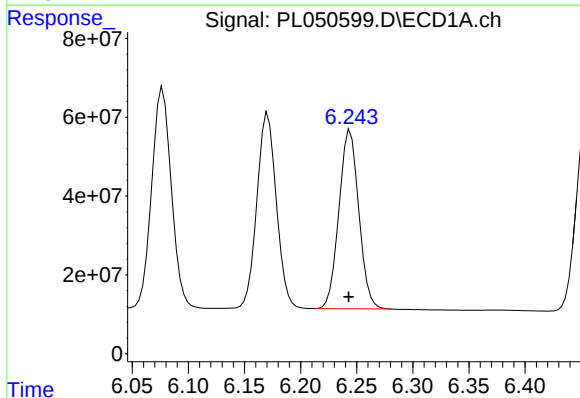
R.T.: 6.171 min  
Delta R.T.: 0.001 min  
Response: 599051894  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



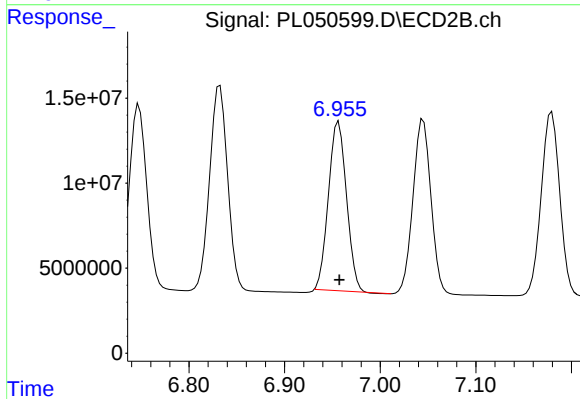
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 134463725  
Conc: 49.81 ng/ml



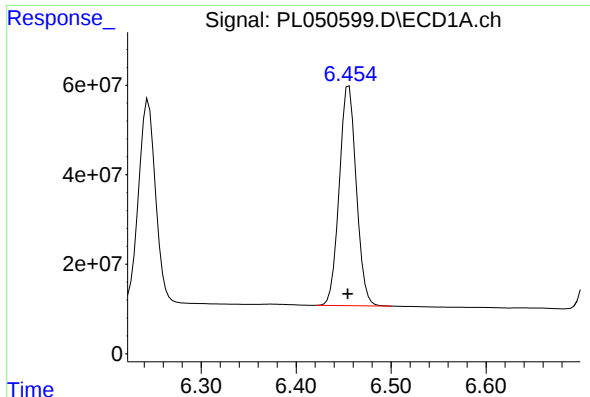
#18 Endrin aldehyde

R.T.: 6.244 min  
Delta R.T.: 0.002 min  
Response: 557930431  
Conc: 48.36 ng/ml



#18 Endrin aldehyde

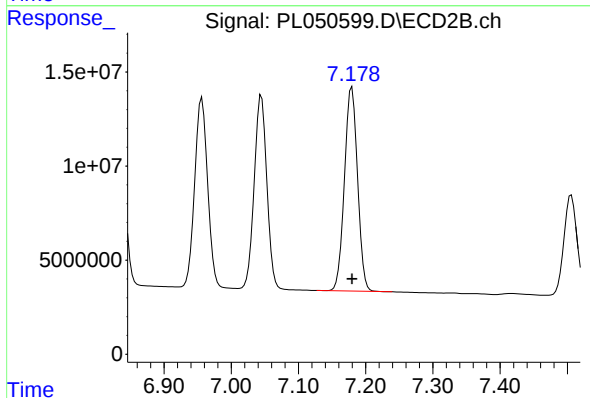
R.T.: 6.956 min  
Delta R.T.: -0.001 min  
Response: 129841876  
Conc: 47.78 ng/ml



#19 Endosulfan Sulfate

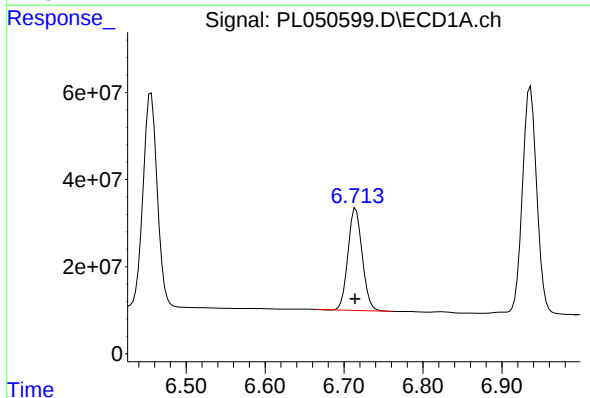
R.T.: 6.456 min  
Delta R.T.: 0.001 min  
Response: 612856922  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



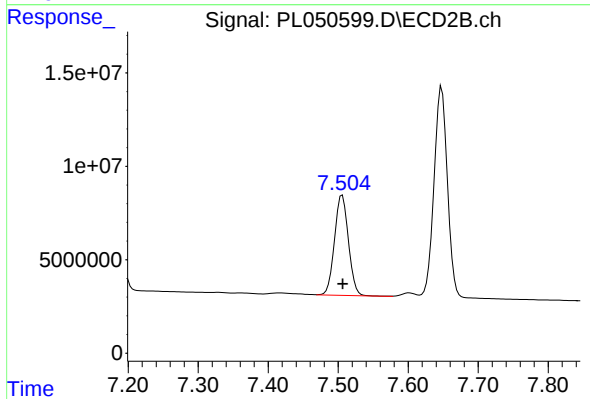
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: 0.000 min  
Response: 146385013  
Conc: 50.68 ng/ml



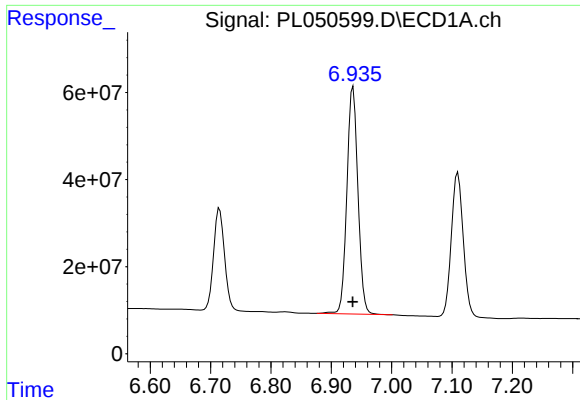
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 294762749  
Conc: 47.25 ng/ml



#20 Methoxychlor

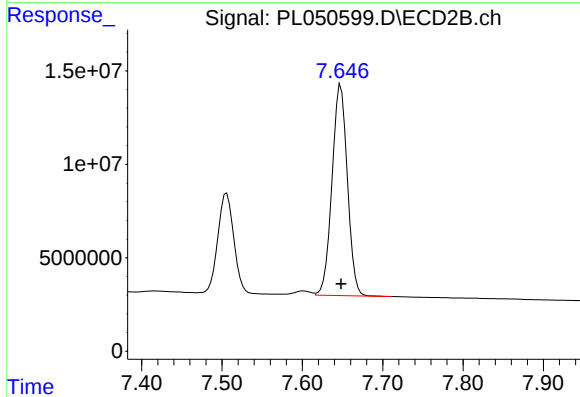
R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 74305356  
Conc: 50.64 ng/ml



#21 Endrin ketone

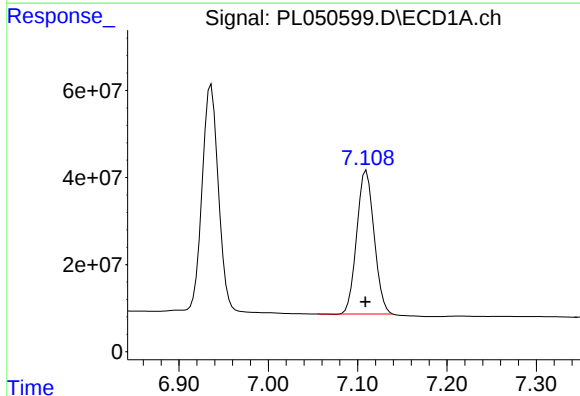
R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 665408959  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



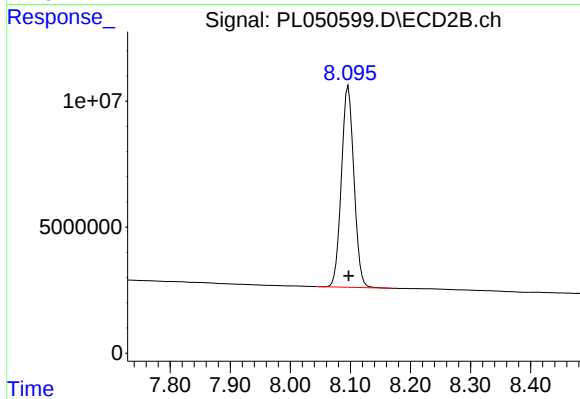
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 149944600  
Conc: 51.86 ng/ml



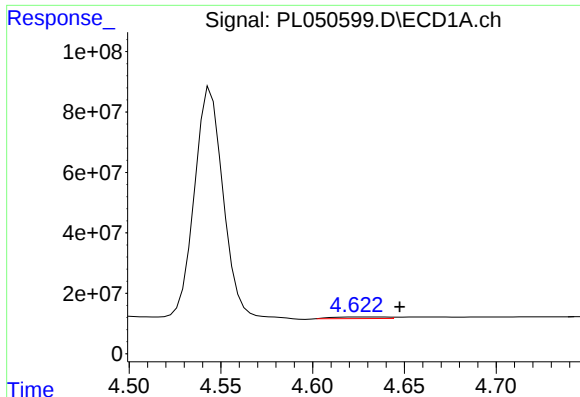
#22 Mirex

R.T.: 7.110 min  
Delta R.T.: 0.000 min  
Response: 444679743  
Conc: 45.36 ng/ml



#22 Mirex

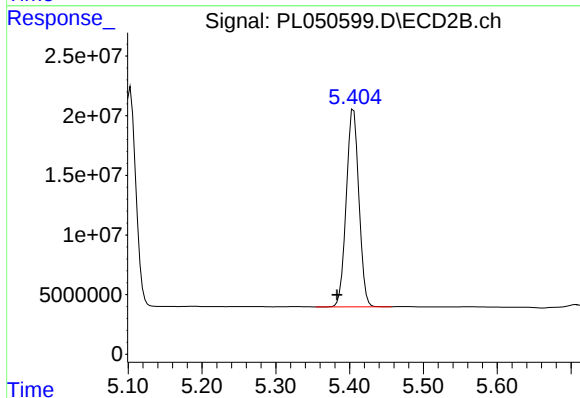
R.T.: 8.097 min  
Delta R.T.: 0.000 min  
Response: 115617863  
Conc: 50.33 ng/ml



#24 Chlordane-2

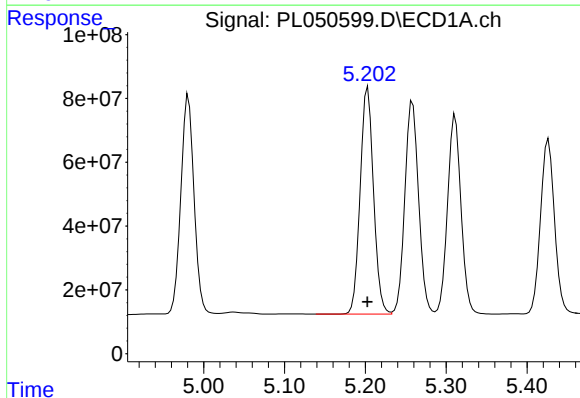
R.T.: 4.624 min  
Delta R.T.: -0.023 min  
Response: 11215417  
Conc: 25.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



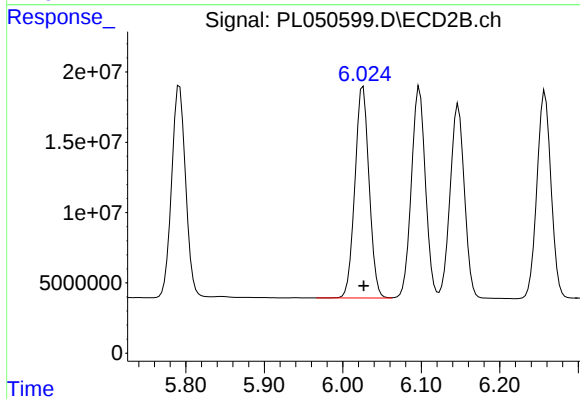
#24 Chlordane-2

R.T.: 5.405 min  
Delta R.T.: 0.022 min  
Response: 197051713  
Conc: 1677.71 ng/ml



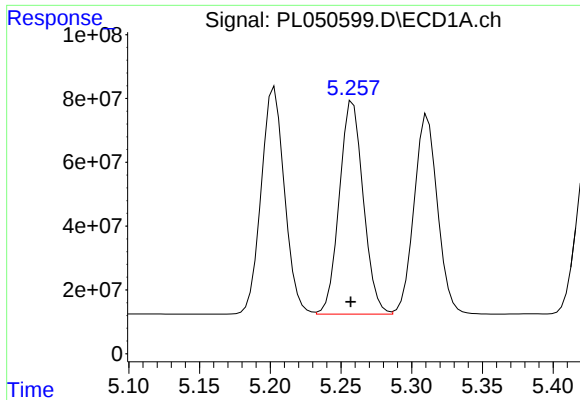
#25 Chlordane-3

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 817073365  
Conc: 583.71 ng/ml



#25 Chlordane-3

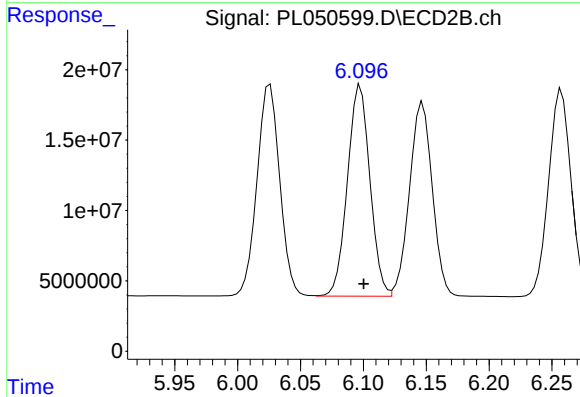
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 189185368  
Conc: 393.33 ng/ml



#26 Chlordane-4

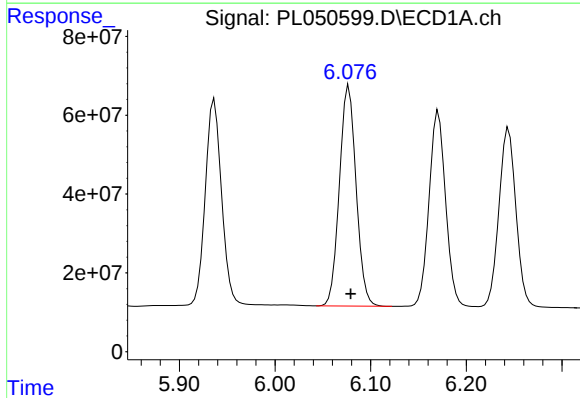
R.T.: 5.258 min  
Delta R.T.: 0.002 min  
Response: 789282909  
Conc: 598.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



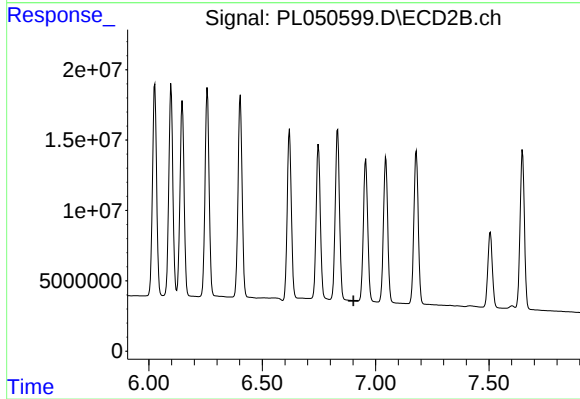
#26 Chlordane-4

R.T.: 6.098 min  
Delta R.T.: -0.003 min  
Response: 186928055  
Conc: 321.78 ng/ml



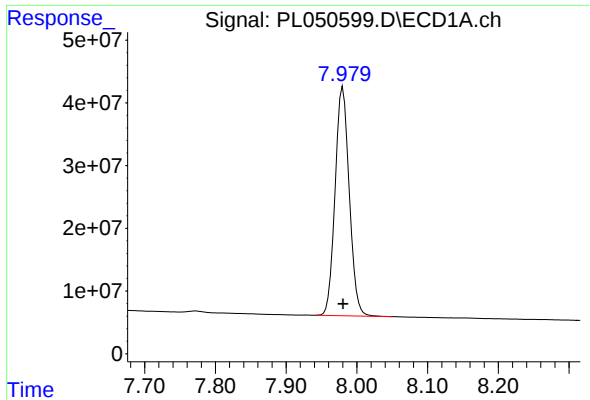
#27 Chlordane-5

R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 680635538  
Conc: 1340.00 ng/ml



#27 Chlordane-5

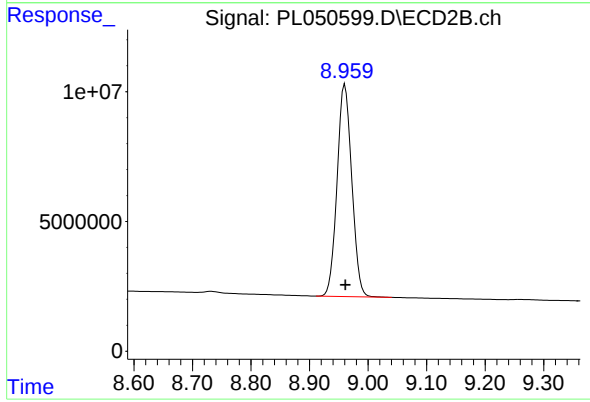
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 506825279  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.960 min  
Delta R.T.: -0.001 min  
Response: 142625684  
Conc: 50.43 ng/ml