

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121820\  
 Data File : PL063685.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Dec 2020 09:37  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 18 13:30:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121620.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 17 09:38:50 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... | 3.483 | 4.148  | 96016389 | 166.5E6  | 47.205   | 52.187     |
| 28)                         | SA Decachlor... | 8.227 | 9.336  | 110.1E6  | 134.2E6  | 50.382   | 50.094     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.921 | 4.553  | 164.5E6  | 250.6E6  | 50.555   | 53.427     |
| 3)                          | MA gamma-BHC... | 4.204 | 4.845  | 156.5E6  | 234.7E6  | 51.930   | 53.799     |
| 4)                          | MA Heptachlor   | 4.506 | 5.361  | 154.7E6  | 219.2E6  | 49.965   | 51.901     |
| 5)                          | MB Aldrin       | 4.753 | 5.673  | 146.6E6  | 203.8E6  | 51.076   | 53.182     |
| 6)                          | B beta-BHC      | 4.452 | 5.021  | 65286231 | 103.8E6  | 50.705   | 49.920     |
| 7)                          | B delta-BHC     | 4.656 | 5.244  | 154.8E6  | 218.0E6  | 50.423   | 54.141     |
| 8)                          | B Heptachlo...  | 5.195 | 6.066  | 142.0E6  | 185.8E6  | 51.658   | 50.967     |
| 9)                          | A Endosulfan I  | 5.532 | 6.431  | 132.9E6  | 173.4E6  | 51.317   | 53.723     |
| 10)                         | B gamma-Chl...  | 5.421 | 6.303  | 144.6E6  | 191.4E6  | 52.036   | 53.232     |
| 11)                         | B alpha-Chl...  | 5.479 | 6.376  | 143.1E6  | 187.1E6  | 51.853   | 53.728     |
| 12)                         | B 4,4'-DDE      | 5.645 | 6.531  | 129.1E6  | 171.4E6  | 52.500   | 53.084     |
| 13)                         | MA Dieldrin     | 5.774 | 6.691  | 137.6E6  | 181.0E6  | 52.367   | 52.311     |
| 14)                         | MA Endrin       | 6.029 | 6.915  | 117.2E6  | 113.8E6  | 49.651   | 42.919     |
| 15)                         | B Endosulfa...  | 6.300 | 7.127  | 124.8E6  | 153.3E6  | 51.385   | 52.445     |
| 16)                         | A 4,4'-DDD      | 6.157 | 7.030  | 112.8E6  | 143.4E6  | 54.885   | 53.004     |
| 17)                         | MA 4,4'-DDT     | 6.397 | 7.330  | 98996284 | 120.6E6  | 51.005   | 49.608     |
| 18)                         | B Endrin al...  | 6.469 | 7.253  | 105.0E6  | 129.3E6  | 51.347   | 52.531     |
| 19)                         | B Endosulfa...  | 6.681 | 7.476  | 121.5E6  | 148.1E6  | 52.510   | 51.561     |
| 20)                         | A Methoxychlor  | 6.943 | 7.789  | 58185627 | 81851177 | 50.631   | 58.576     |
| 21)                         | B Endrin ke...  | 7.168 | 7.957  | 154.9E6  | 160.4E6  | 57.519   | 53.518     |
| 22)                         | Mirex           | 7.357 | 8.411  | 104.0E6  | 111.5E6  | 52.690   | 50.843     |
| 24)                         | Chlordane-2     | 0.000 | 5.673f | 0        | 203.8E6  | N.D.     | 1635.052 # |
| 25)                         | Chlordane-3     | 5.421 | 6.303  | 144.6E6  | 191.4E6  | 587.764  | 414.019 #  |
| 26)                         | Chlordane-4     | 5.479 | 6.376  | 143.1E6  | 187.1E6  | 705.504  | 341.312 #  |
| 27)                         | Chlordane-5     | 6.300 | 0.000  | 124.8E6  | 0        | 1486.280 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

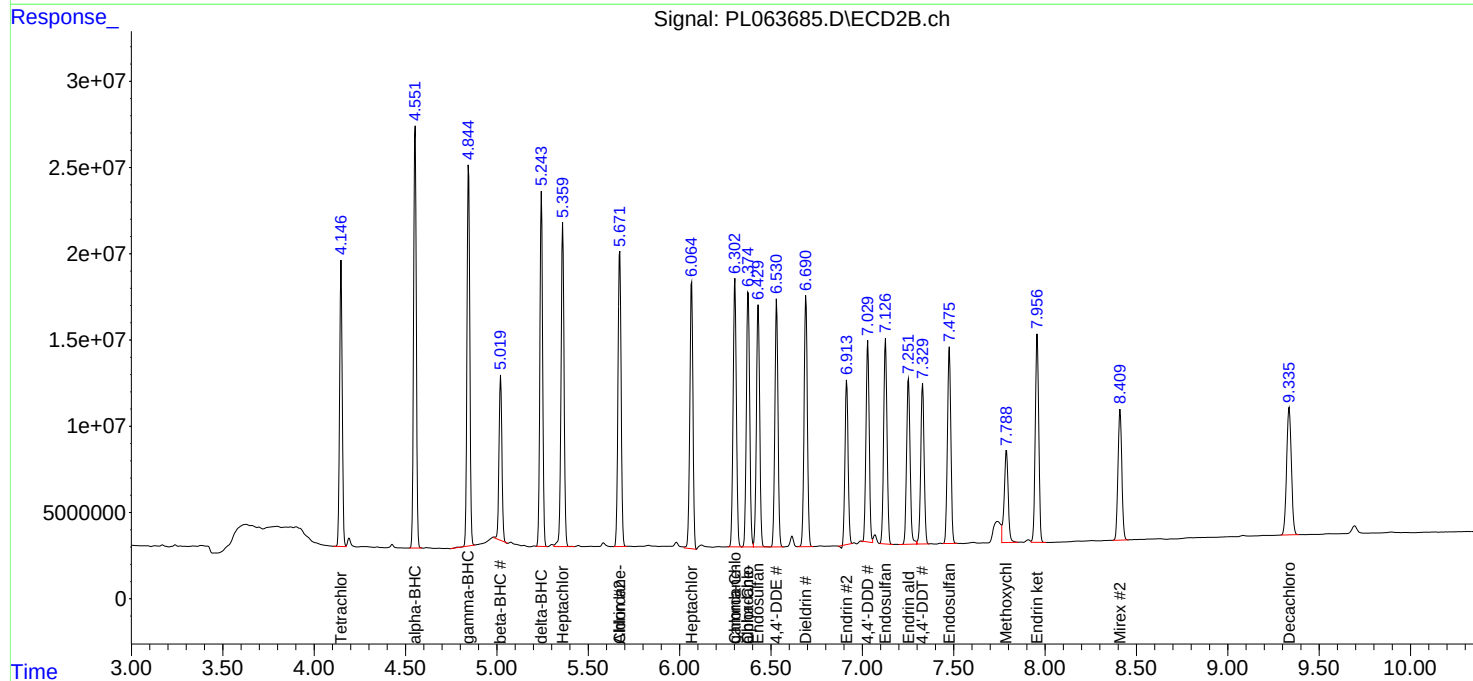
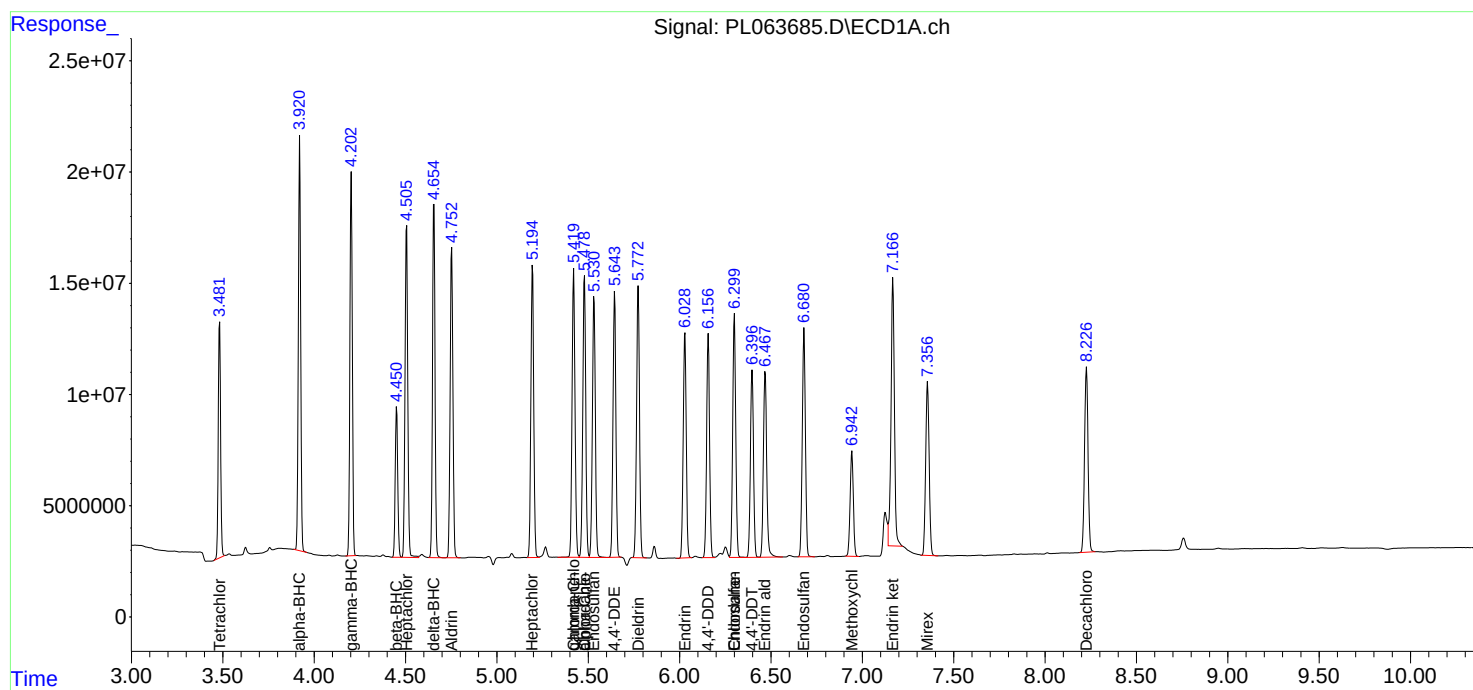
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

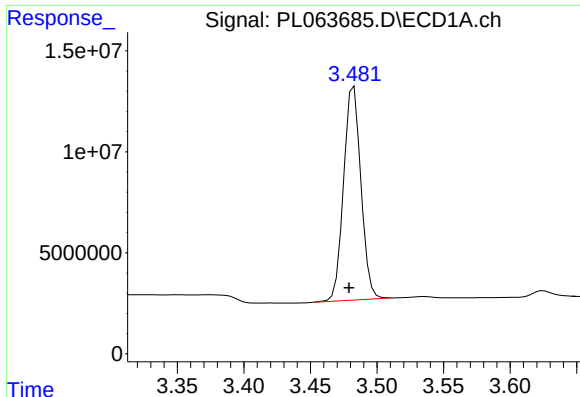
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121820\  
Data File : PL063685.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Dec 2020 09:37  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 18 13:30:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121620.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 17 09:38:50 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

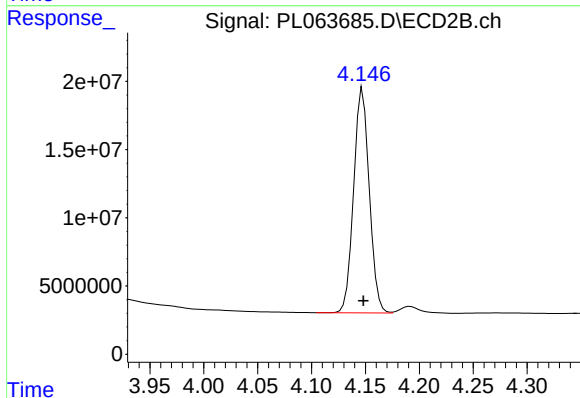




#1 Tetrachloro-m-xylene

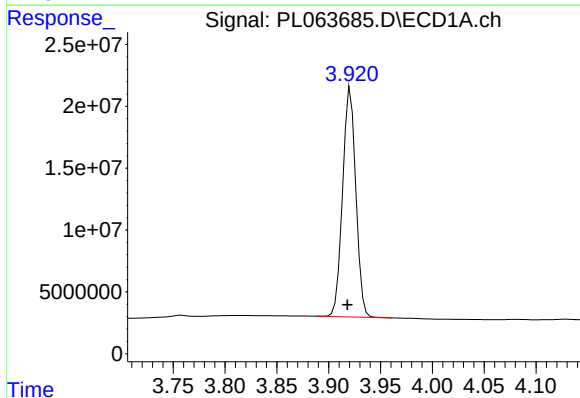
R.T.: 3.483 min  
Delta R.T.: 0.004 min  
Response: 96016389  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



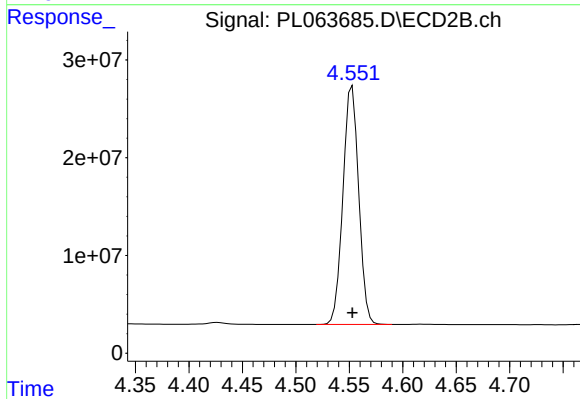
#1 Tetrachloro-m-xylene

R.T.: 4.148 min  
Delta R.T.: 0.000 min  
Response: 166471280  
Conc: 52.19 ng/ml



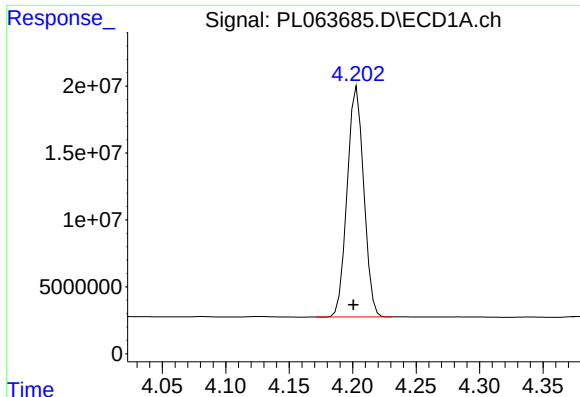
#2 alpha-BHC

R.T.: 3.921 min  
Delta R.T.: 0.003 min  
Response: 164539165  
Conc: 50.55 ng/ml



#2 alpha-BHC

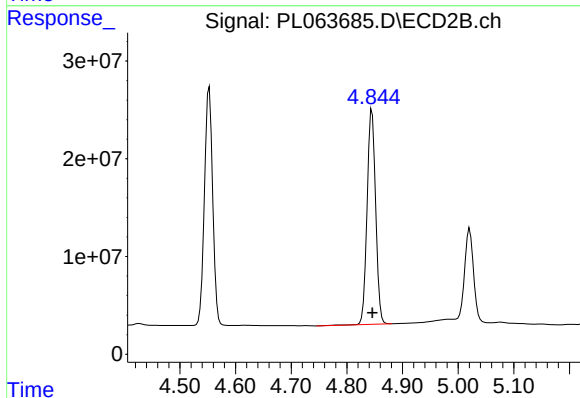
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 250649496  
Conc: 53.43 ng/ml



#3 gamma-BHC (Lindane)

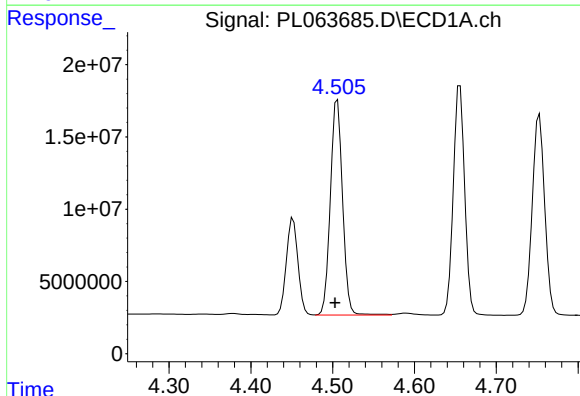
R.T.: 4.204 min  
Delta R.T.: 0.003 min  
Response: 156451278  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



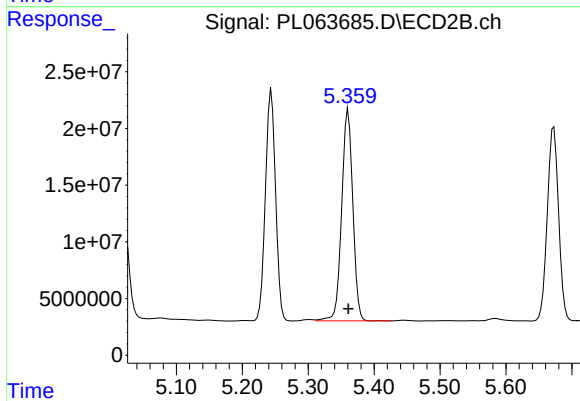
#3 gamma-BHC (Lindane)

R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 234670730  
Conc: 53.80 ng/ml



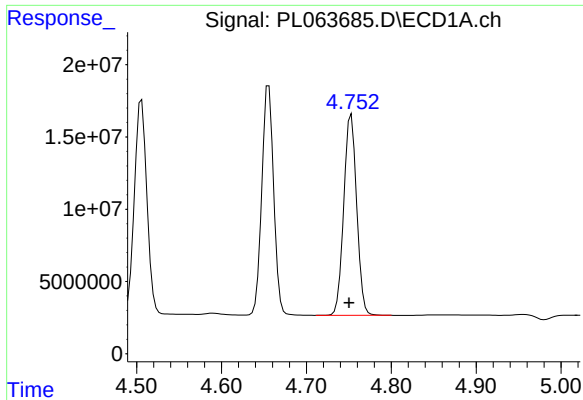
#4 Heptachlor

R.T.: 4.506 min  
Delta R.T.: 0.003 min  
Response: 154693499  
Conc: 49.96 ng/ml



#4 Heptachlor

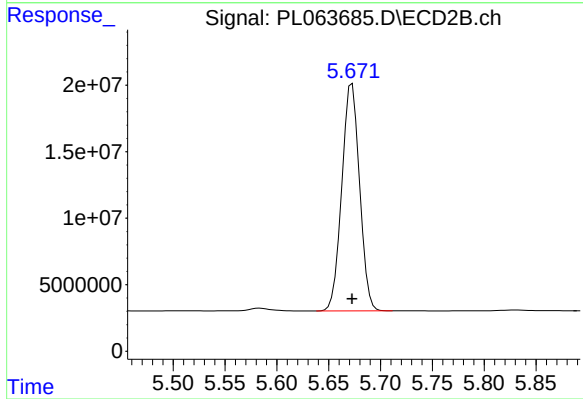
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 219176900  
Conc: 51.90 ng/ml



#5 Aldrin

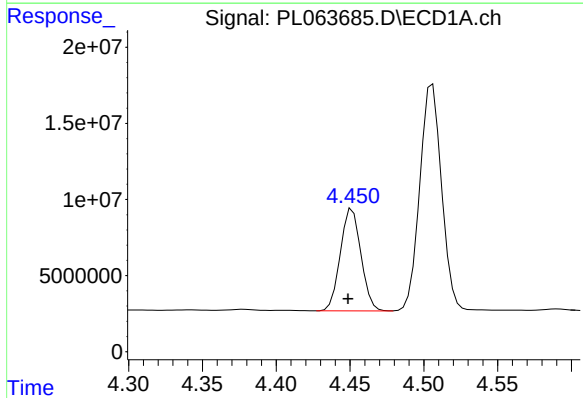
R.T.: 4.753 min  
Delta R.T.: 0.003 min  
Response: 146557467  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



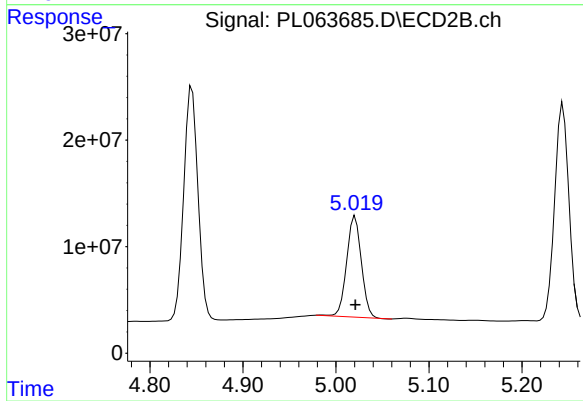
#5 Aldrin

R.T.: 5.673 min  
Delta R.T.: 0.000 min  
Response: 203781606  
Conc: 53.18 ng/ml



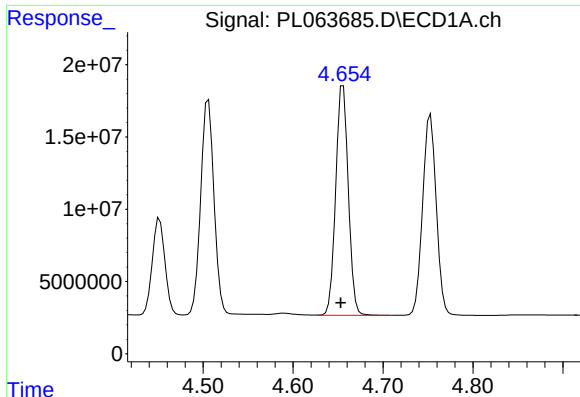
#6 beta-BHC

R.T.: 4.452 min  
Delta R.T.: 0.003 min  
Response: 65286231  
Conc: 50.70 ng/ml



#6 beta-BHC

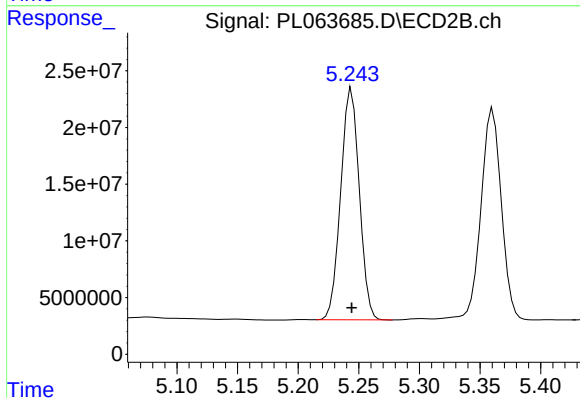
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 103752291  
Conc: 49.92 ng/ml



#7 delta-BHC

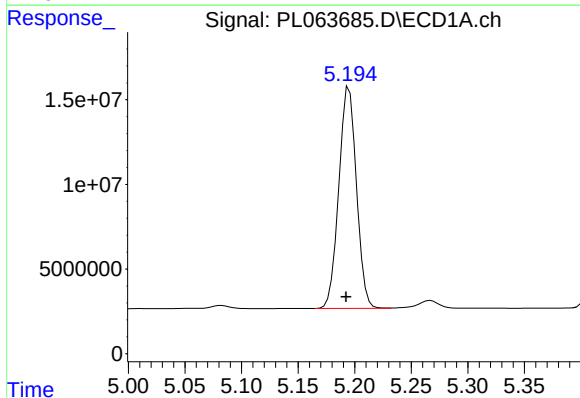
R.T.: 4.656 min  
Delta R.T.: 0.003 min  
Response: 154775667  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



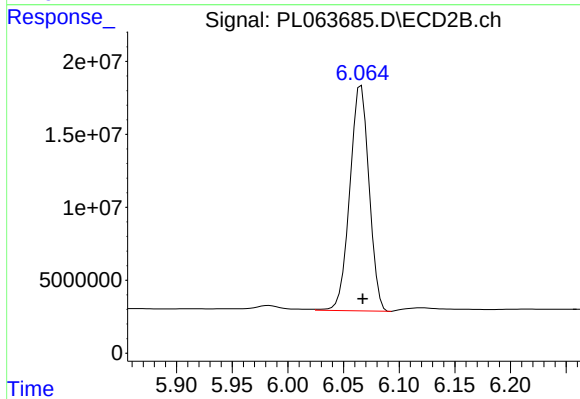
#7 delta-BHC

R.T.: 5.244 min  
Delta R.T.: 0.000 min  
Response: 218018307  
Conc: 54.14 ng/ml



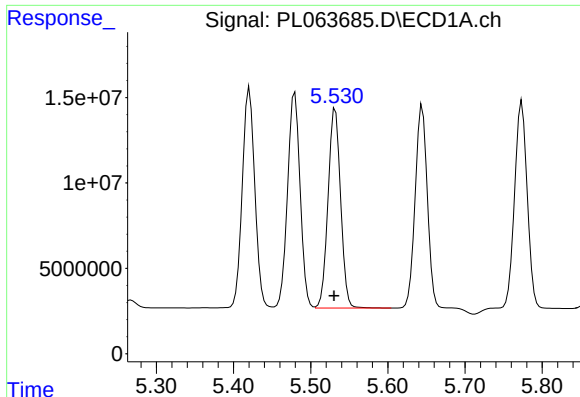
#8 Heptachlor epoxide

R.T.: 5.195 min  
Delta R.T.: 0.003 min  
Response: 141958294  
Conc: 51.66 ng/ml



#8 Heptachlor epoxide

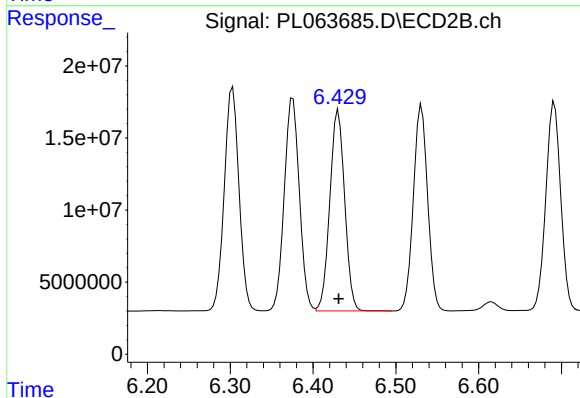
R.T.: 6.066 min  
Delta R.T.: -0.001 min  
Response: 185767037  
Conc: 50.97 ng/ml



#9 Endosulfan I

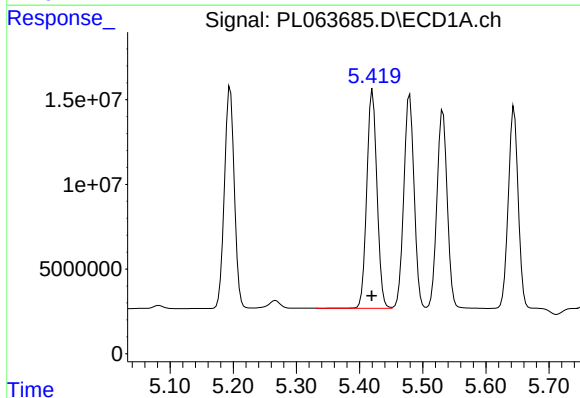
R.T.: 5.532 min  
Delta R.T.: 0.002 min  
Response: 132909962  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



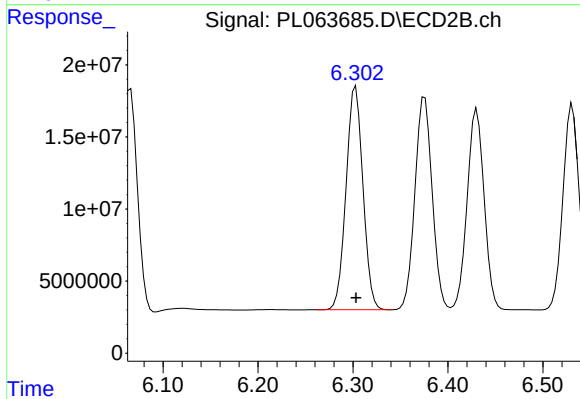
#9 Endosulfan I

R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 173415270  
Conc: 53.72 ng/ml



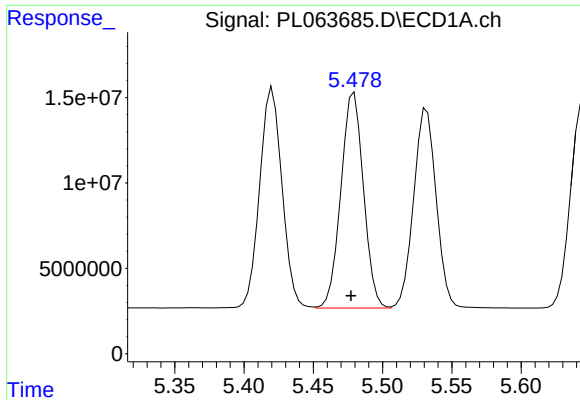
#10 gamma-Chlordane

R.T.: 5.421 min  
Delta R.T.: 0.001 min  
Response: 144587844  
Conc: 52.04 ng/ml



#10 gamma-Chlordane

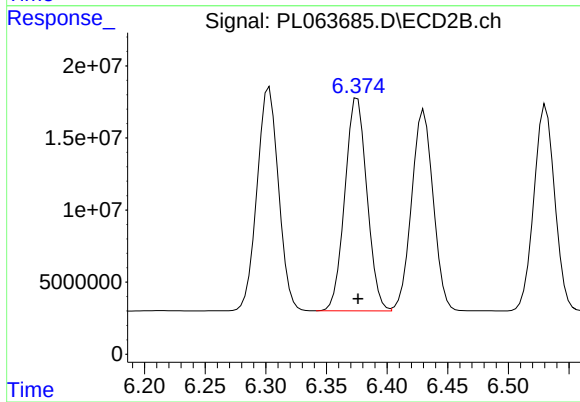
R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 191414219  
Conc: 53.23 ng/ml



#11 alpha-Chlordane

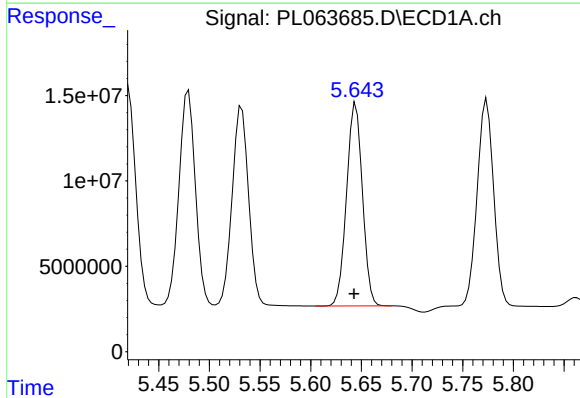
R.T.: 5.479 min  
Delta R.T.: 0.002 min  
Response: 143123781  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



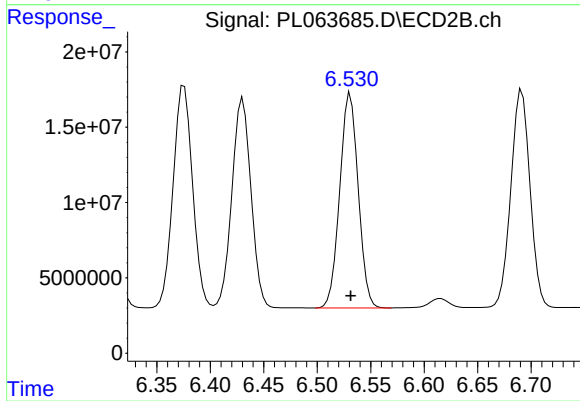
#11 alpha-Chlordane

R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 187116318  
Conc: 53.73 ng/ml



#12 4,4'-DDE

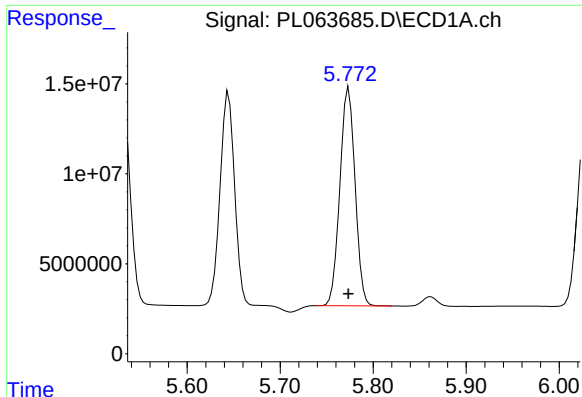
R.T.: 5.645 min  
Delta R.T.: 0.002 min  
Response: 129082072  
Conc: 52.50 ng/ml



#12 4,4'-DDE

R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 171378625  
Conc: 53.08 ng/ml

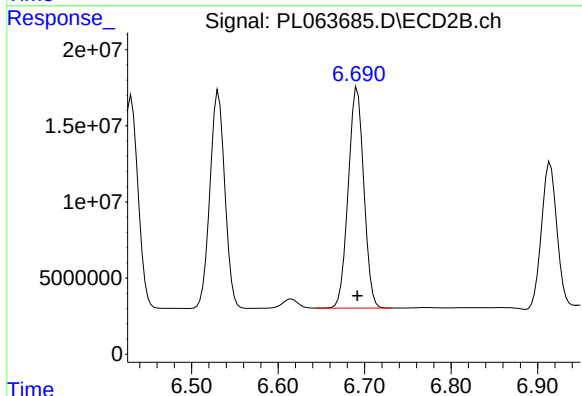




#13 Dieldrin

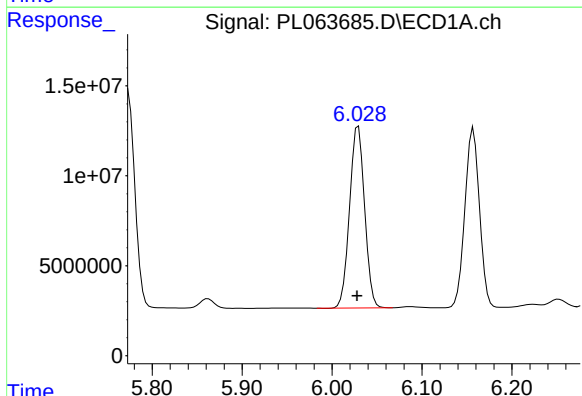
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 137595808  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



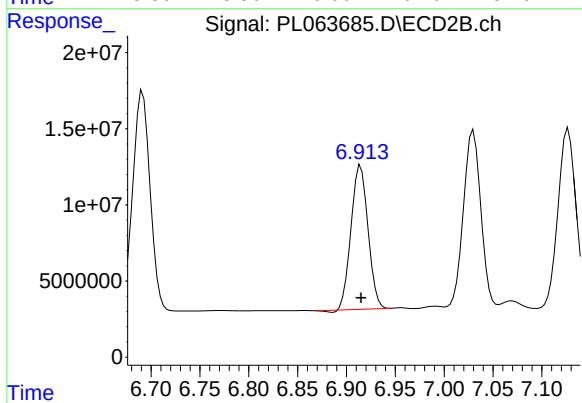
#13 Dieldrin

R.T.: 6.691 min  
Delta R.T.: 0.000 min  
Response: 180997863  
Conc: 52.31 ng/ml



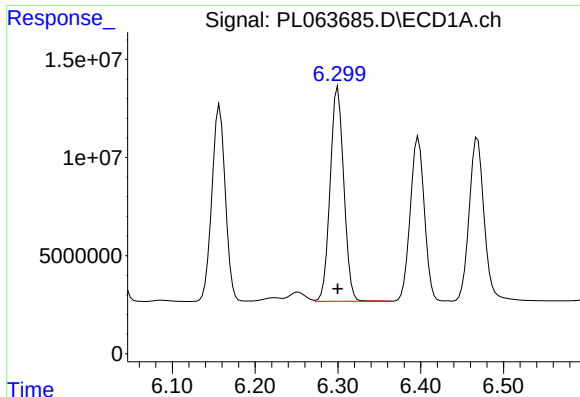
#14 Endrin

R.T.: 6.029 min  
Delta R.T.: 0.001 min  
Response: 117246123  
Conc: 49.65 ng/ml



#14 Endrin

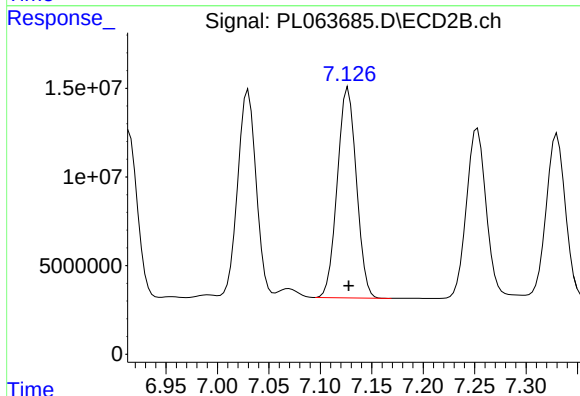
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 113764774  
Conc: 42.92 ng/ml



#15 Endosulfan II

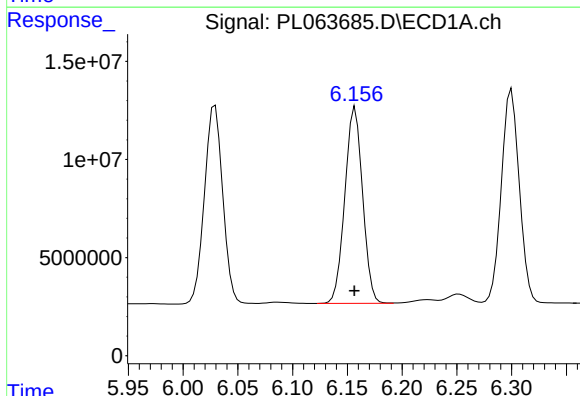
R.T.: 6.300 min  
Delta R.T.: 0.000 min  
Response: 124849423  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



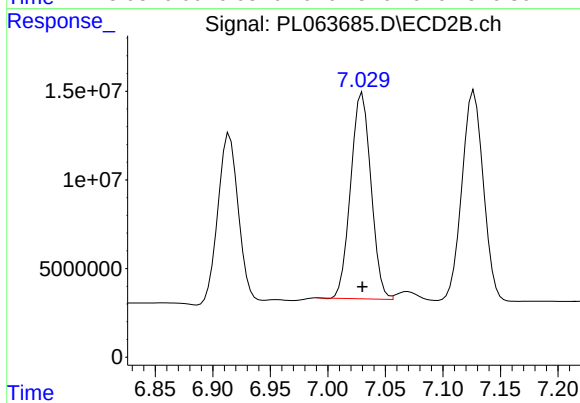
#15 Endosulfan II

R.T.: 7.127 min  
Delta R.T.: 0.000 min  
Response: 153281879  
Conc: 52.45 ng/ml



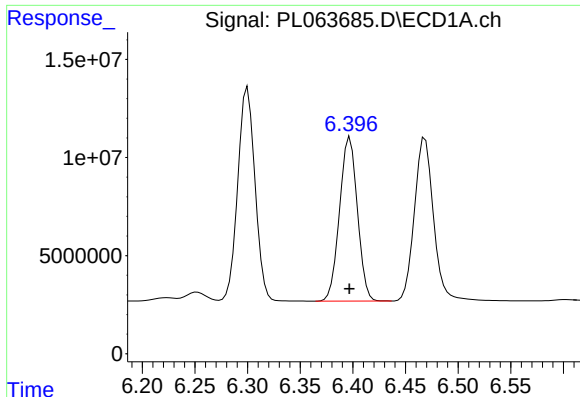
#16 4,4'-DDD

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 112841410  
Conc: 54.88 ng/ml



#16 4,4'-DDD

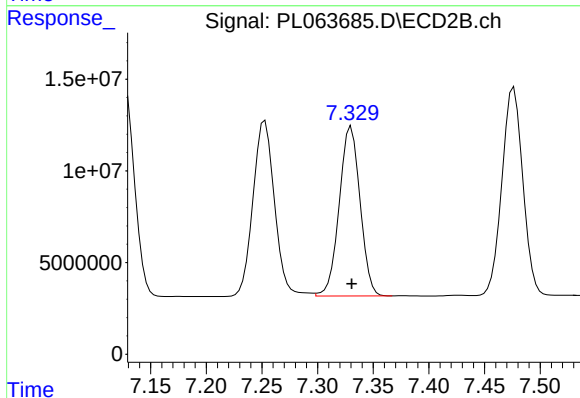
R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 143372964  
Conc: 53.00 ng/ml



#17 4,4'-DDT

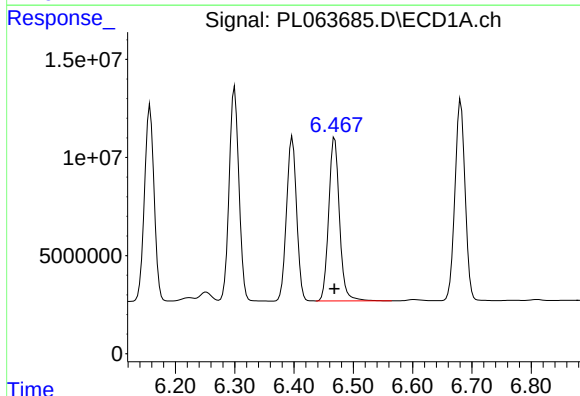
R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 98996284  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



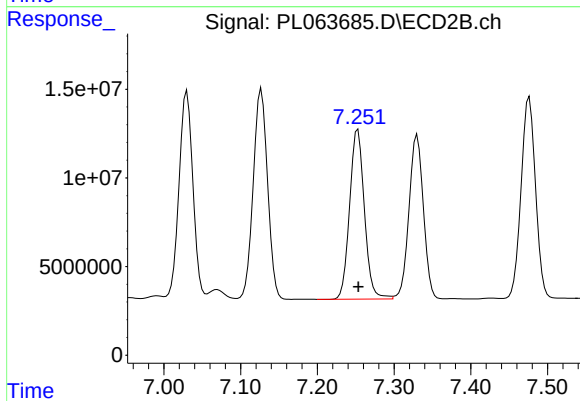
#17 4,4'-DDT

R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 120581839  
Conc: 49.61 ng/ml



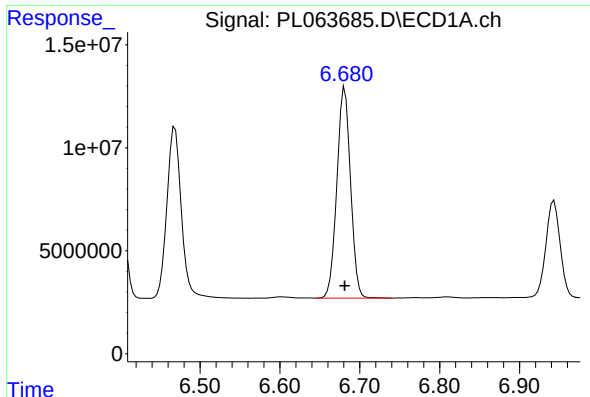
#18 Endrin aldehyde

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 105024121  
Conc: 51.35 ng/ml



#18 Endrin aldehyde

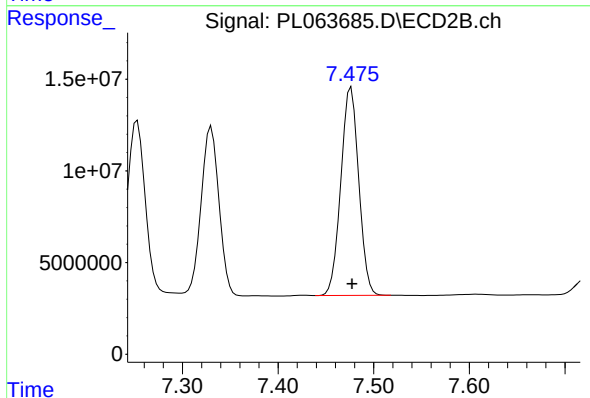
R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 129305254  
Conc: 52.53 ng/ml



#19 Endosulfan Sulfate

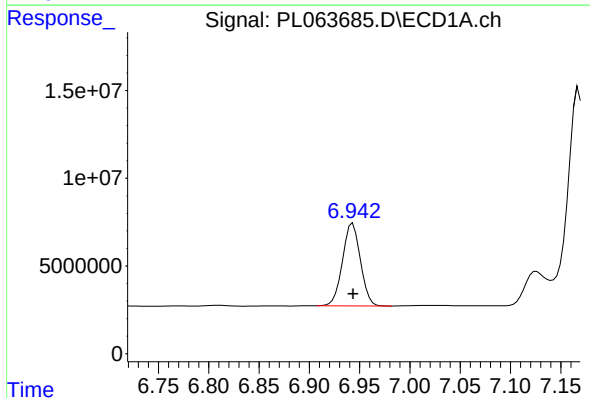
R.T.: 6.681 min  
Delta R.T.: 0.000 min  
Response: 121544241  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



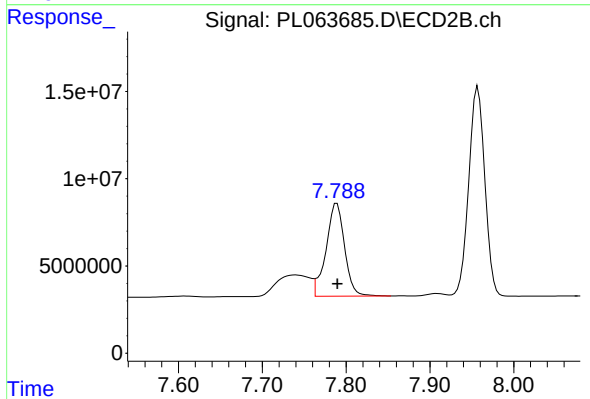
#19 Endosulfan Sulfate

R.T.: 7.476 min  
Delta R.T.: 0.000 min  
Response: 148139618  
Conc: 51.56 ng/ml



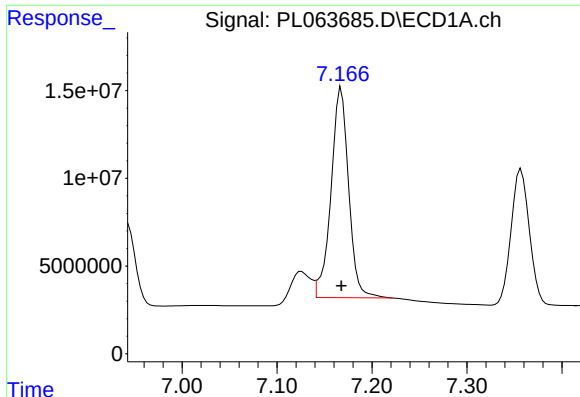
#20 Methoxychlor

R.T.: 6.943 min  
Delta R.T.: 0.000 min  
Response: 58185627  
Conc: 50.63 ng/ml



#20 Methoxychlor

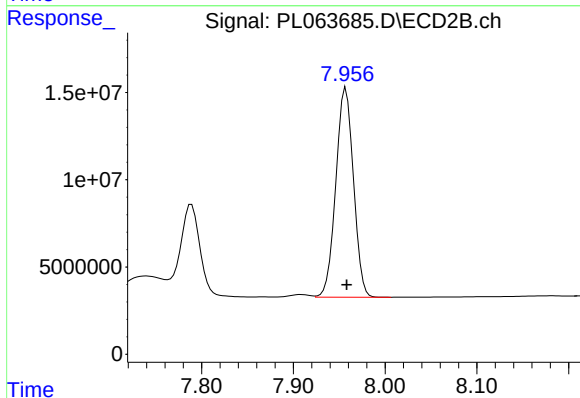
R.T.: 7.789 min  
Delta R.T.: 0.000 min  
Response: 81851177  
Conc: 58.58 ng/ml



#21 Endrin ketone

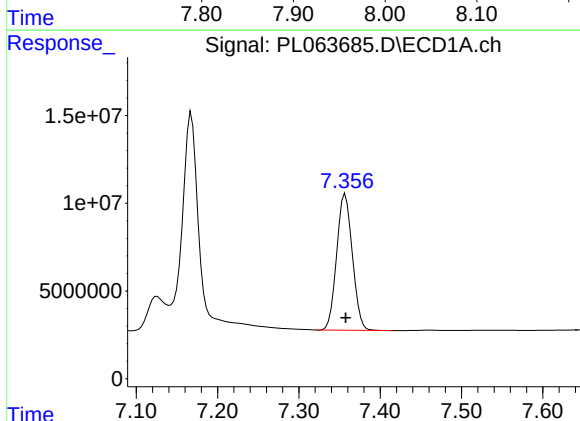
R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 154867885  
Conc: 57.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



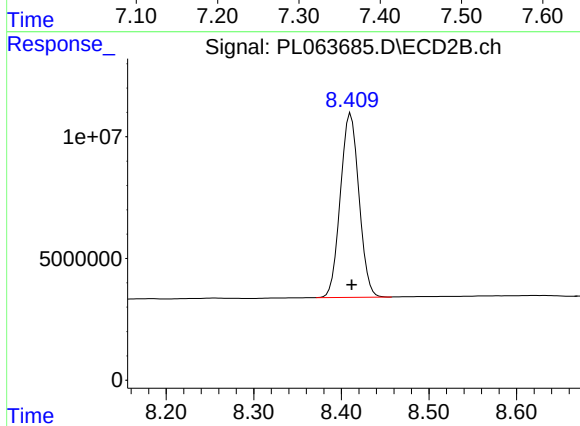
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: -0.001 min  
Response: 160414631  
Conc: 53.52 ng/ml



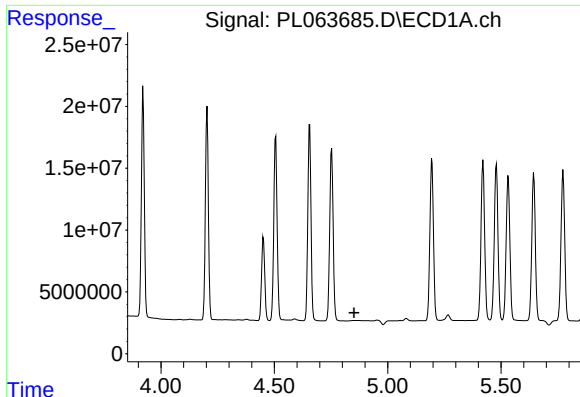
#22 Mirex

R.T.: 7.357 min  
Delta R.T.: 0.000 min  
Response: 104039343  
Conc: 52.69 ng/ml



#22 Mirex

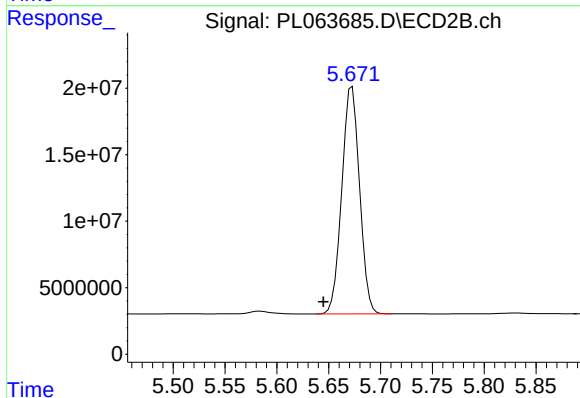
R.T.: 8.411 min  
Delta R.T.: -0.001 min  
Response: 111453109  
Conc: 50.84 ng/ml



#24 Chlordane-2

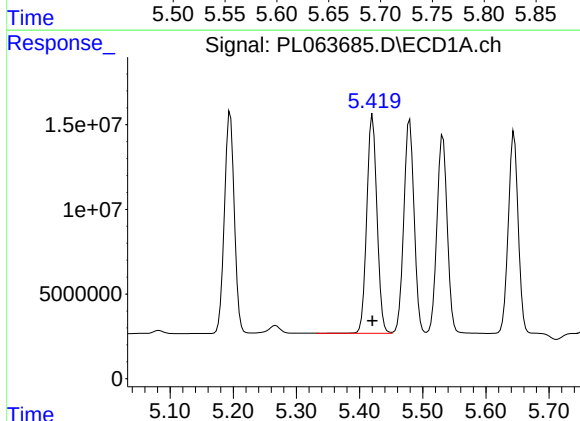
R.T.: 0.000 min  
Exp R.T.: 4.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



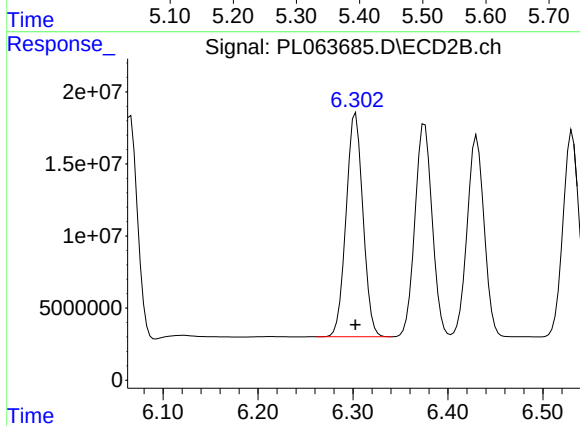
#24 Chlordane-2

R.T.: 5.673 min  
Delta R.T.: 0.028 min  
Response: 203781606  
Conc: 1635.05 ng/ml



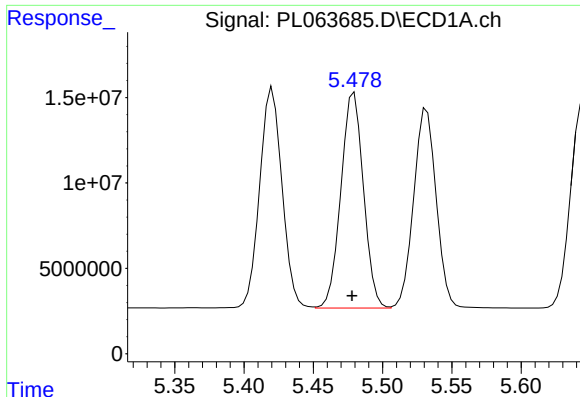
#25 Chlordane-3

R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 144587844  
Conc: 587.76 ng/ml



#25 Chlordane-3

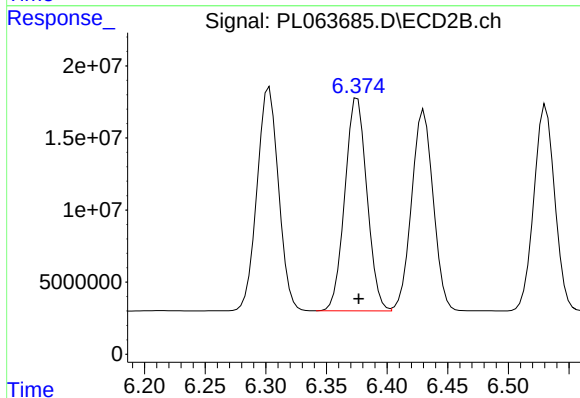
R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 191414219  
Conc: 414.02 ng/ml



#26 Chlordane-4

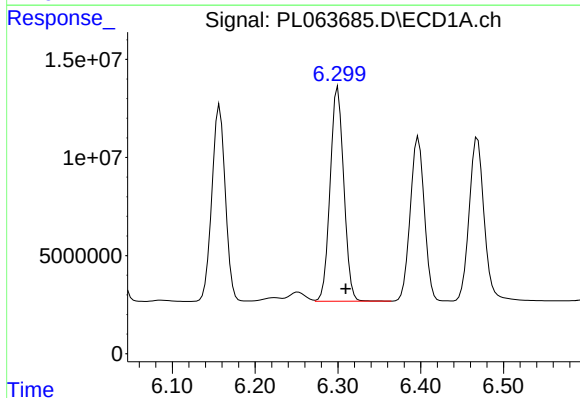
R.T.: 5.479 min  
Delta R.T.: 0.002 min  
Response: 143123781  
Conc: 705.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



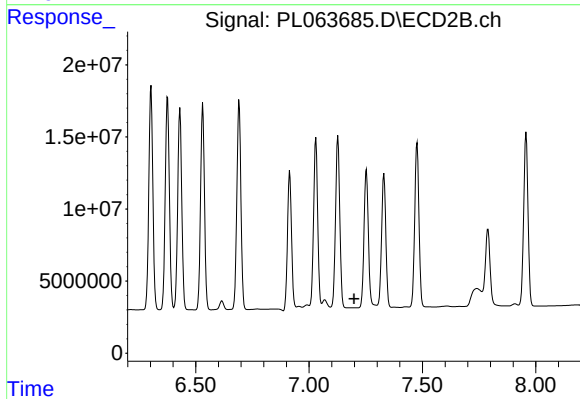
#26 Chlordane-4

R.T.: 6.376 min  
Delta R.T.: -0.001 min  
Response: 187116318  
Conc: 341.31 ng/ml



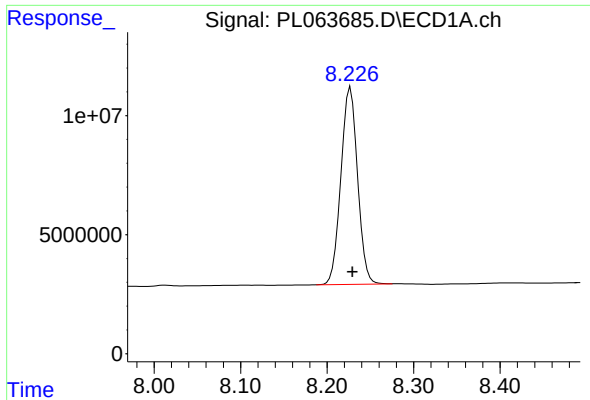
#27 Chlordane-5

R.T.: 6.300 min  
Delta R.T.: -0.010 min  
Response: 124849423  
Conc: 1486.28 ng/ml



#27 Chlordane-5

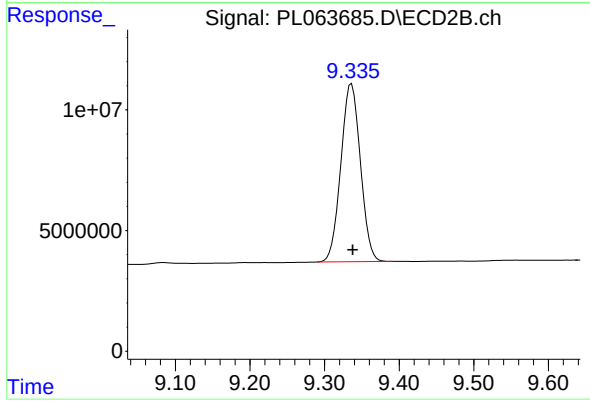
R.T.: 0.000 min  
Exp R.T.: 7.199 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.227 min  
Delta R.T.: -0.002 min  
Response: 110073809  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.336 min  
Delta R.T.: -0.002 min  
Response: 134207756  
Conc: 50.09 ng/ml