

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040920\  
 Data File : PL057869.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2020 16:34  
 Operator : AJ\MA  
 Sample : L2201-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 00:31:23 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 | 3.957  | 228.3E6 | 49101999 | 22.651   | 22.626     |
| 2)                          | SA Decachlor... | 8.209 | 8.984  | 156.9E6 | 43436004 | 15.218   | 19.445 #   |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.345  | 882.3E6 | 168.2E6  | 50.786   | 51.225     |
| 3)                          | MA gamma-BHC... | 4.179 | 4.628  | 778.8E6 | 160.9E6  | 53.577   | 49.538     |
| 4)                          | MA Heptachlor   | 4.480 | 5.130  | 803.1E6 | 174.8E6  | 50.099   | 52.096     |
| 5)                          | MB Aldrin       | 4.727 | 5.432  | 698.5E6 | 166.6E6  | 47.438   | 51.461     |
| 6)                          | B beta-BHC      | 4.431 | 4.801  | 337.9E6 | 75185394 | 53.509   | 54.145     |
| 7)                          | B delta-BHC     | 4.635 | 5.015  | 718.3E6 | 127.3E6  | 47.329   | 50.861     |
| 8)                          | B Heptachlo...  | 5.170 | 5.816  | 628.4E6 | 143.9E6  | 46.756   | 53.289     |
| 9)                          | A Endosulfan I  | 5.509 | 6.171  | 584.2E6 | 150.0E6  | 47.664   | 50.314     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.050  | 651.5E6 | 163.3E6  | 47.971   | 50.400     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.122  | 621.4E6 | 162.1E6  | 46.667   | 49.523     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.281  | 631.9E6 | 151.3E6  | 48.237   | 51.102     |
| 13)                         | MA Dieldrin     | 5.752 | 6.427  | 604.1E6 | 150.3E6  | 46.440   | 49.199     |
| 14)                         | MA Endrin       | 6.010 | 6.644  | 537.3E6 | 118.5E6  | 46.031   | 47.420     |
| 15)                         | B Endosulfa...  | 6.283 | 6.855  | 489.1E6 | 126.0E6  | 44.214   | 48.594     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.770  | 330.2E6 | 114.3E6  | 33.041   | 50.078 #   |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.067  | 457.8E6 | 106.4E6  | 45.105   | 47.784     |
| 18)                         | B Endrin al...  | 6.451 | 6.978  | 395.6E6 | 111.1E6  | 42.307   | 50.007     |
| 19)                         | B Endosulfa...  | 6.664 | 7.201  | 462.1E6 | 117.8E6  | 45.484   | 49.637     |
| 20)                         | A Methoxychlor  | 6.921 | 7.527  | 217.4E6 | 57683308 | 39.444   | 45.348     |
| 21)                         | B Endrin ke...  | 7.155 | 7.669  | 493.2E6 | 122.3E6  | 44.299   | 49.461     |
| 22)                         | Mirex           | 7.342 | 8.119  | 346.9E6 | 88168692 | 42.319   | 47.954     |
| 23)                         | Chlordane-1     | 4.332 | 0.000  | 1584301 | 0        | 4.284    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829 | 5.432f | 603851  | 166.6E6  | 1.496    | 1596.791 # |
| 25)                         | Chlordane-3     | 5.397 | 6.050  | 651.5E6 | 163.3E6  | 532.877  | 377.398 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.122  | 621.4E6 | 162.1E6  | 597.378  | 308.717 #  |
| 27)                         | Chlordane-5     | 6.283 | 0.000  | 489.1E6 | 0        | 1292.979 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

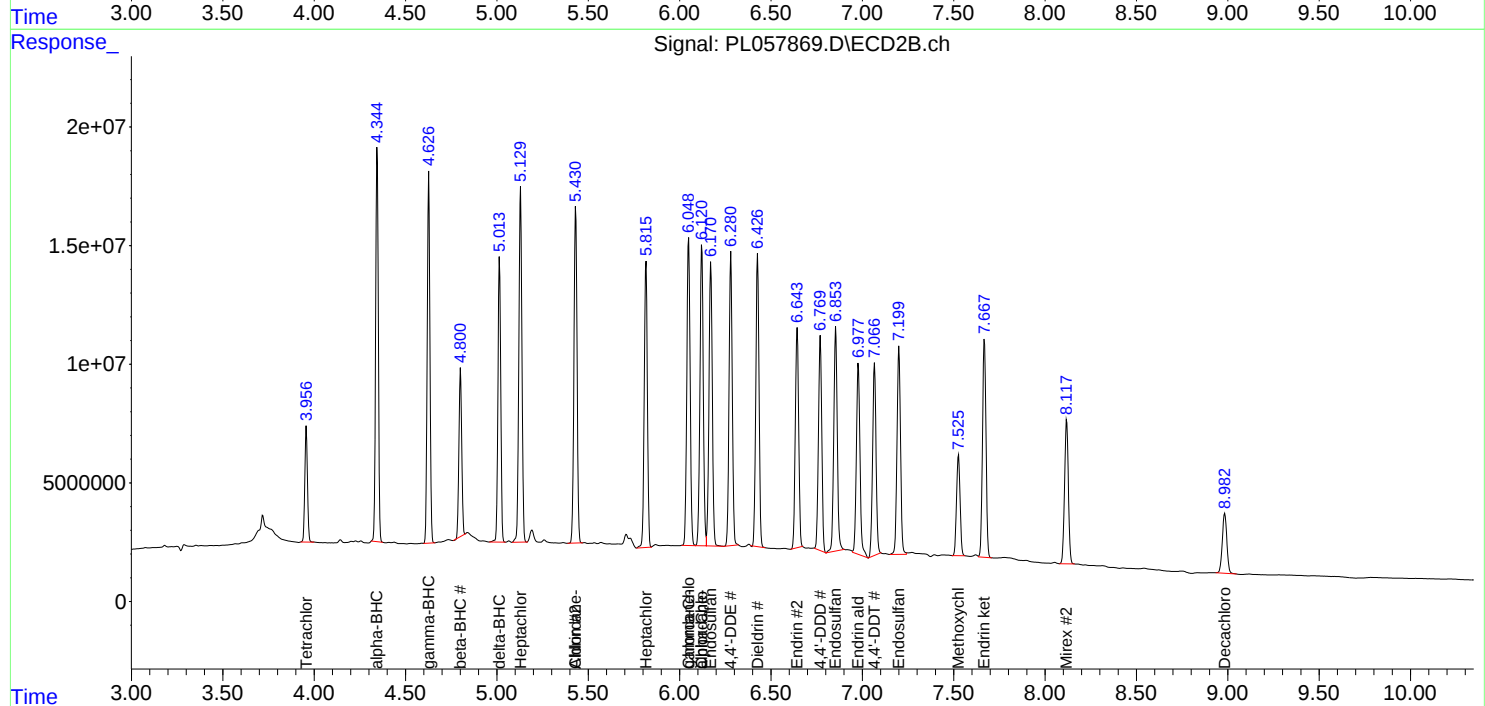
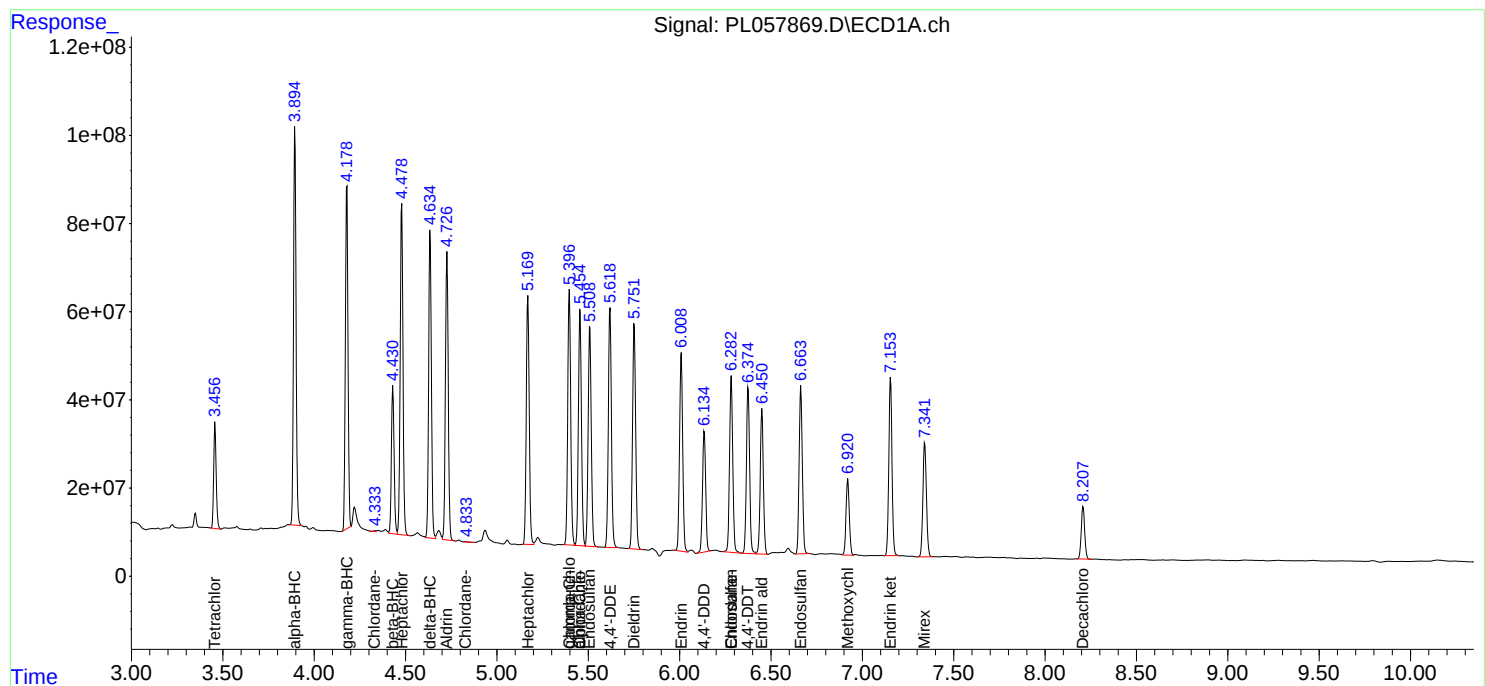
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

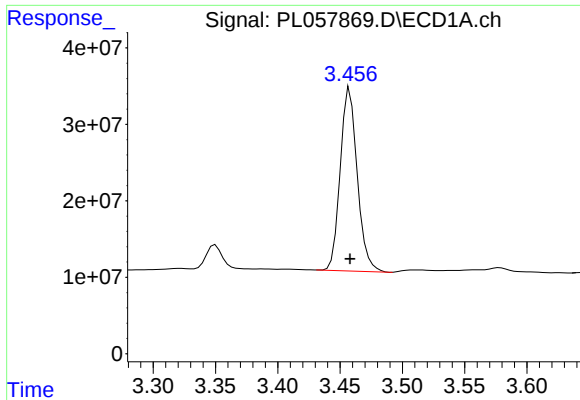
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040920\  
Data File : PL057869.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2020 16:34  
Operator : AJ\MA  
Sample : L2201-01MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 00:31:23 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

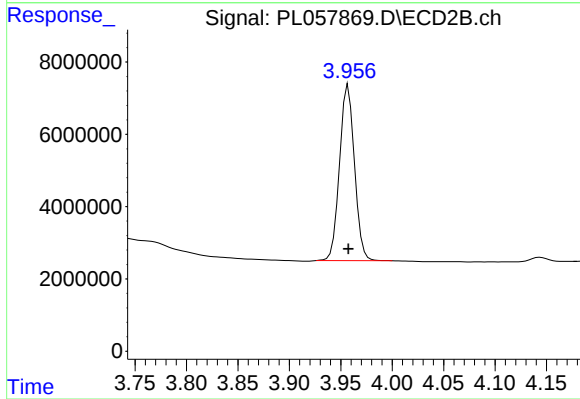




#1 Tetrachloro-m-xylene

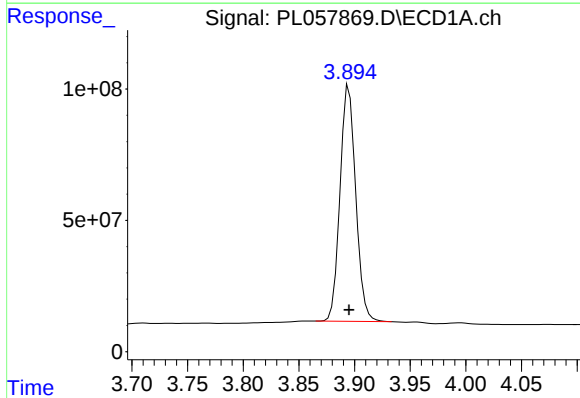
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 228340908  
Conc: 22.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



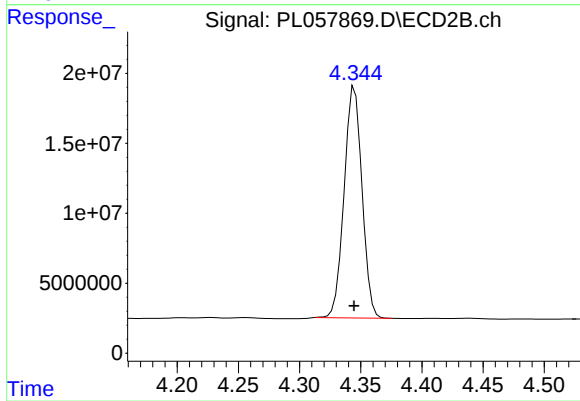
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 49101999  
Conc: 22.63 ng/ml



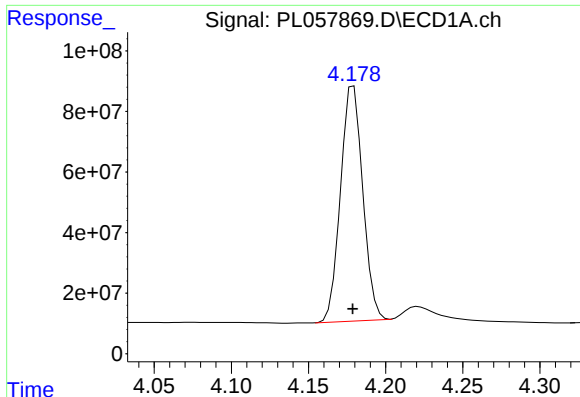
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 882253384  
Conc: 50.79 ng/ml



#2 alpha-BHC

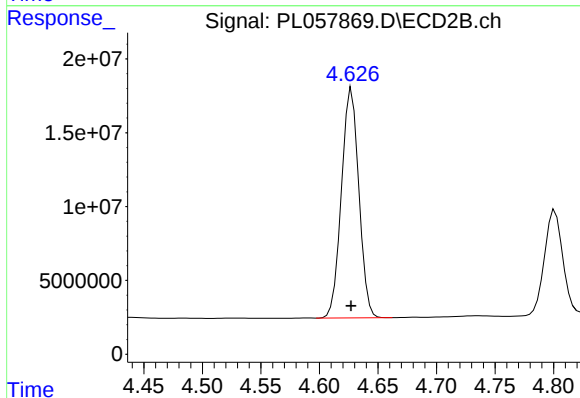
R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 168204333  
Conc: 51.22 ng/ml



#3 gamma-BHC (Lindane)

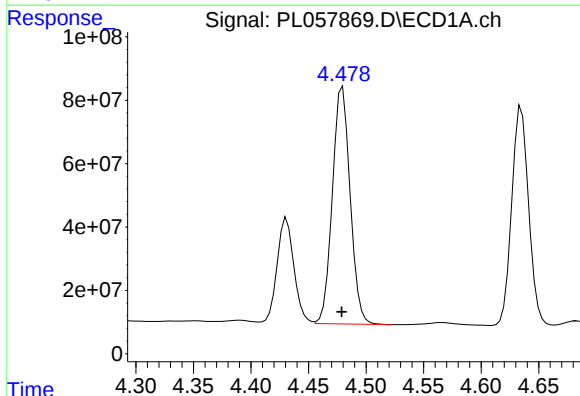
R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 778756010  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



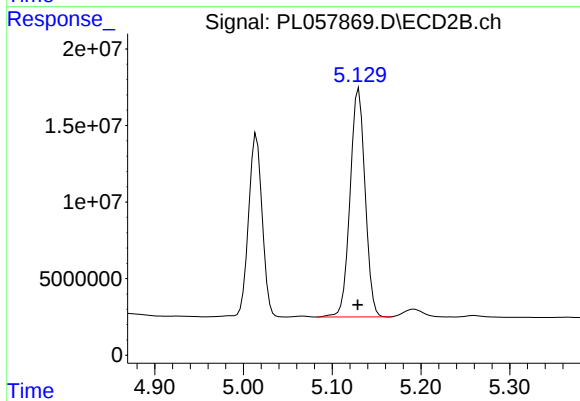
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 160926607  
Conc: 49.54 ng/ml



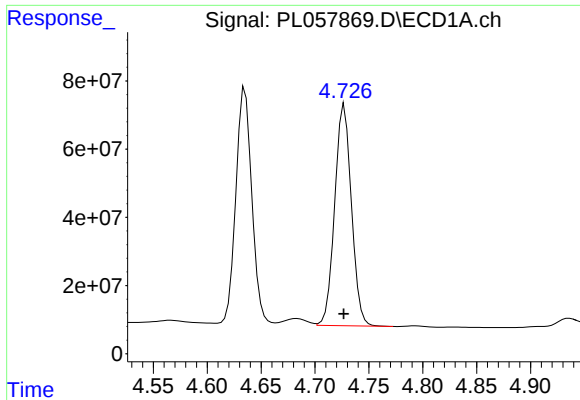
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 803108487  
Conc: 50.10 ng/ml



#4 Heptachlor

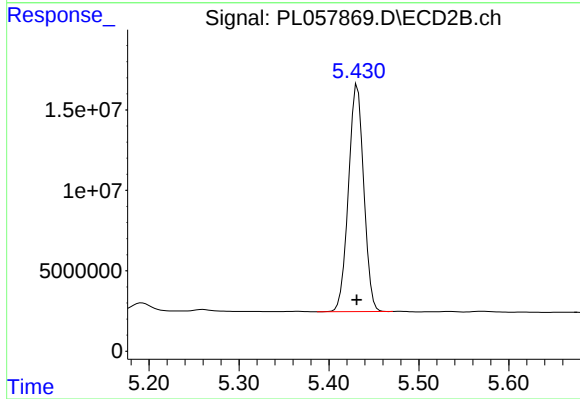
R.T.: 5.130 min  
Delta R.T.: 0.001 min  
Response: 174841429  
Conc: 52.10 ng/ml



#5 Aldrin

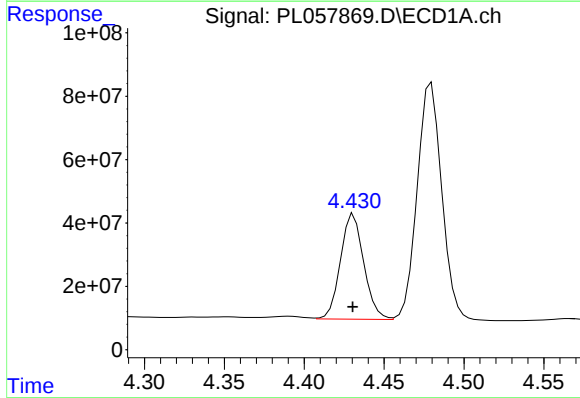
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 698521726  
Conc: 47.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



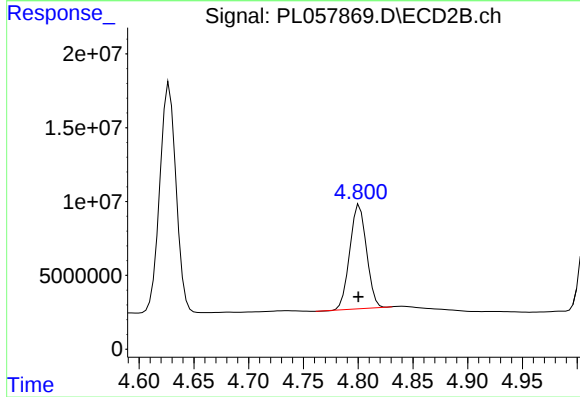
#5 Aldrin

R.T.: 5.432 min  
Delta R.T.: 0.000 min  
Response: 166638943  
Conc: 51.46 ng/ml



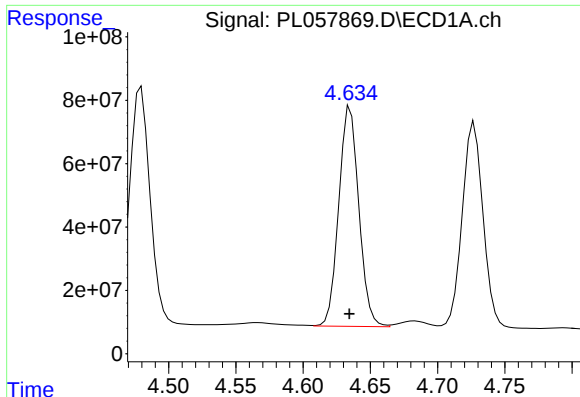
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 337927134  
Conc: 53.51 ng/ml



#6 beta-BHC

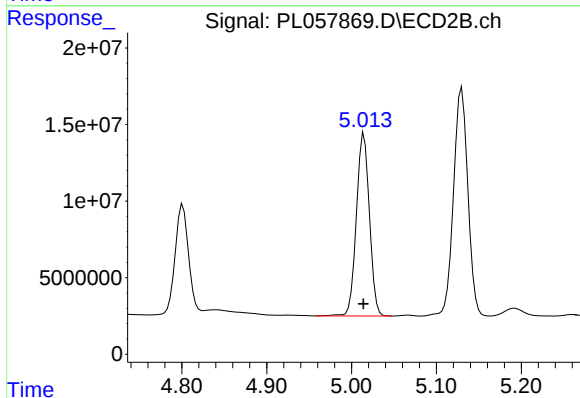
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 75185394  
Conc: 54.14 ng/ml



#7 delta-BHC

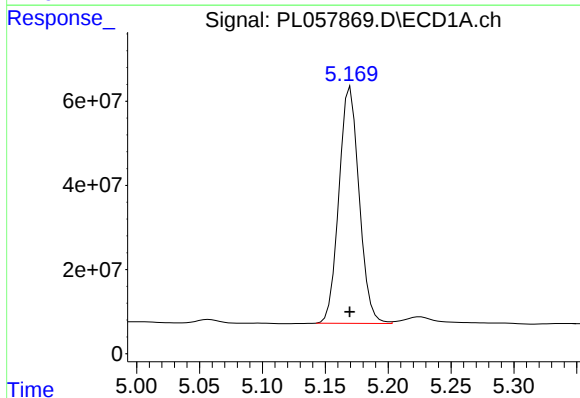
R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 718268987  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



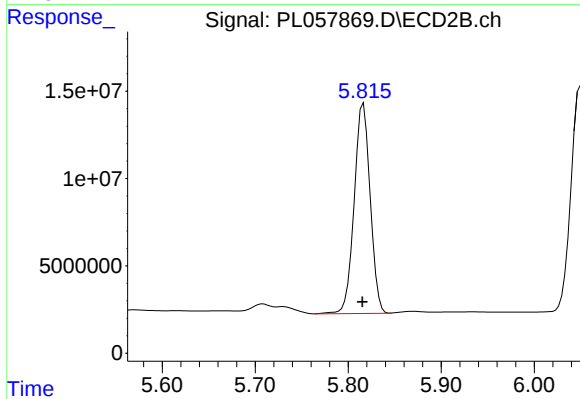
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 127252896  
Conc: 50.86 ng/ml



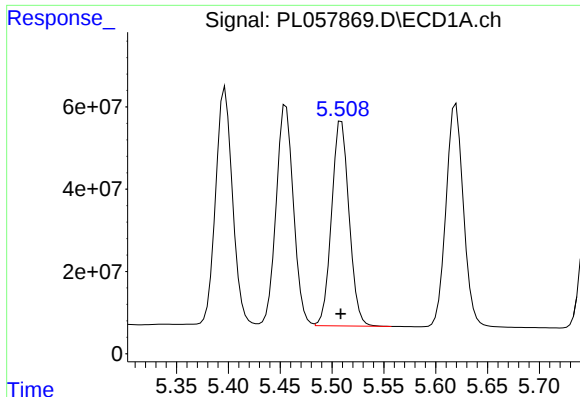
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 628402436  
Conc: 46.76 ng/ml



#8 Heptachlor epoxide

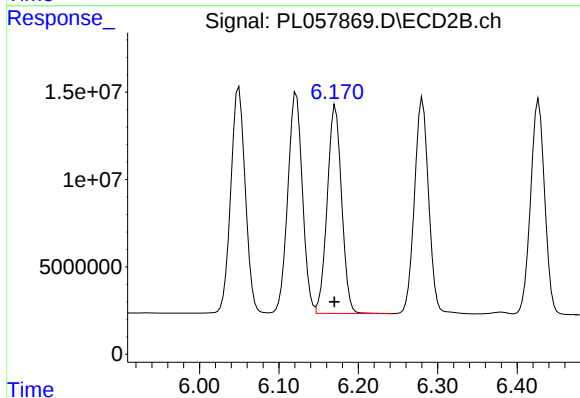
R.T.: 5.816 min  
Delta R.T.: 0.001 min  
Response: 143897695  
Conc: 53.29 ng/ml



#9 Endosulfan I

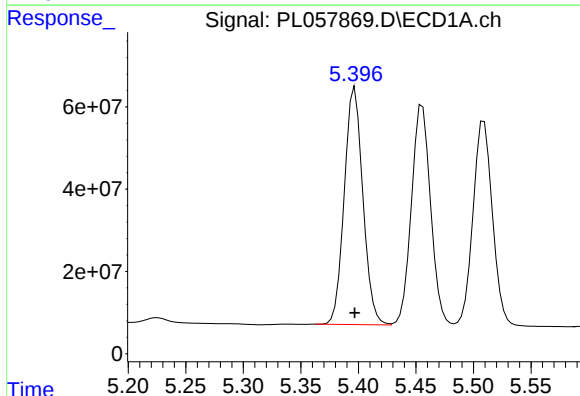
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 584196929  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



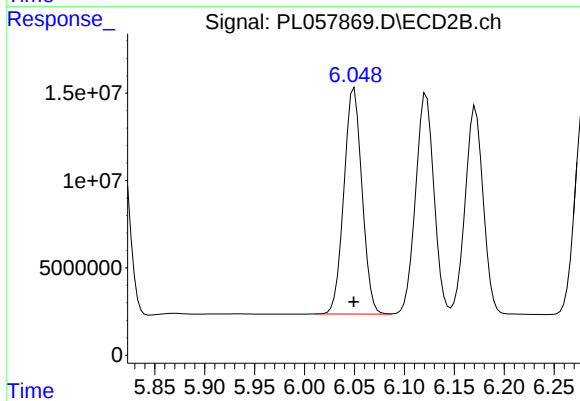
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: 0.001 min  
Response: 150024222  
Conc: 50.31 ng/ml



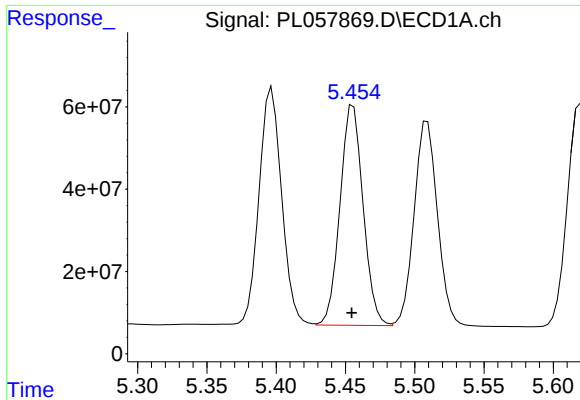
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 651503328  
Conc: 47.97 ng/ml



#10 gamma-Chlordane

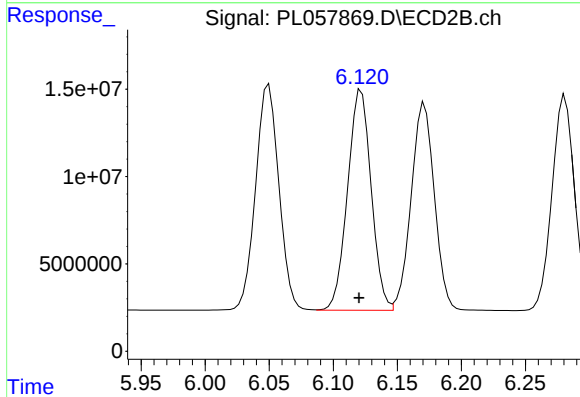
R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 163290002  
Conc: 50.40 ng/ml



#11 alpha-Chlordane

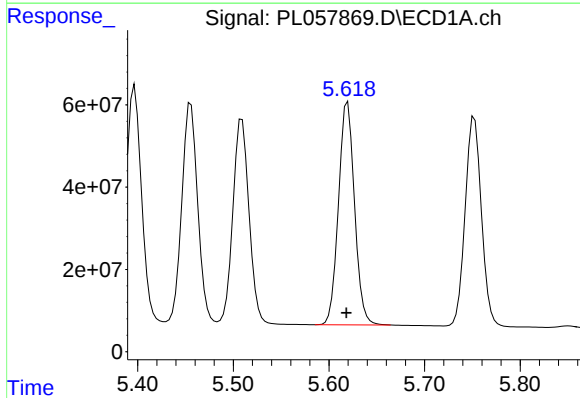
R.T.: 5.456 min  
Delta R.T.: 0.001 min  
Response: 621398718  
Conc: 46.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



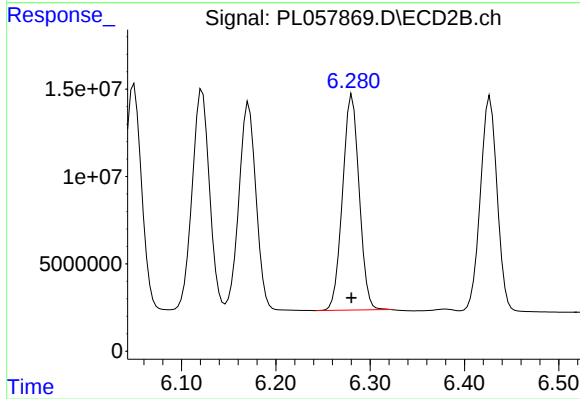
#11 alpha-Chlordane

R.T.: 6.122 min  
Delta R.T.: 0.002 min  
Response: 162057230  
Conc: 49.52 ng/ml



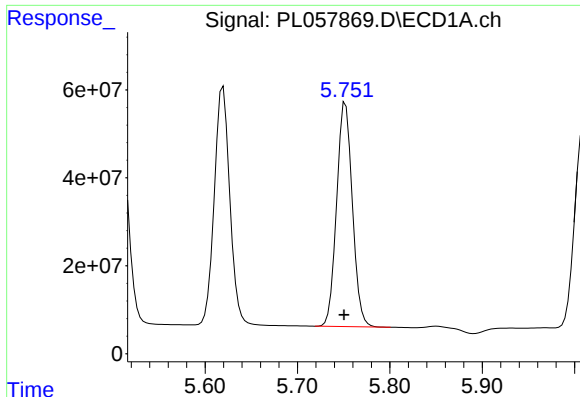
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.001 min  
Response: 631911531  
Conc: 48.24 ng/ml



#12 4,4'-DDE

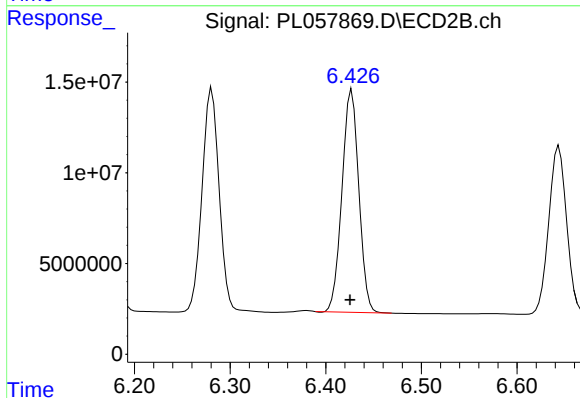
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 151296197  
Conc: 51.10 ng/ml



#13 Dieldrin

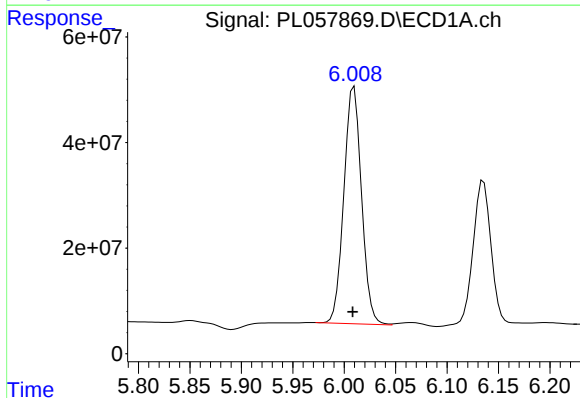
R.T.: 5.752 min  
Delta R.T.: 0.002 min  
Response: 604135355  
Conc: 46.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



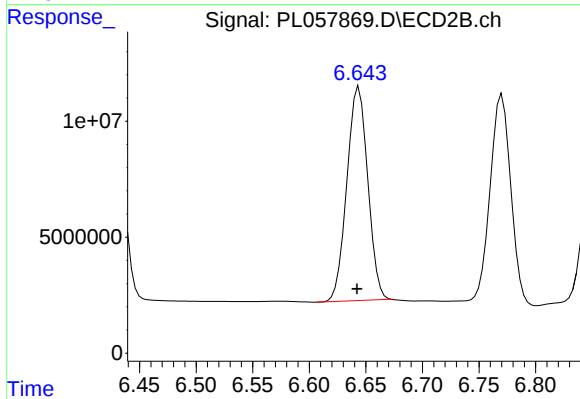
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: 0.002 min  
Response: 150335214  
Conc: 49.20 ng/ml



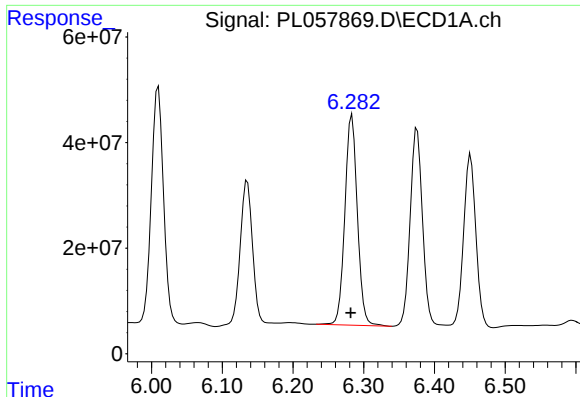
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: 0.001 min  
Response: 537310158  
Conc: 46.03 ng/ml



#14 Endrin

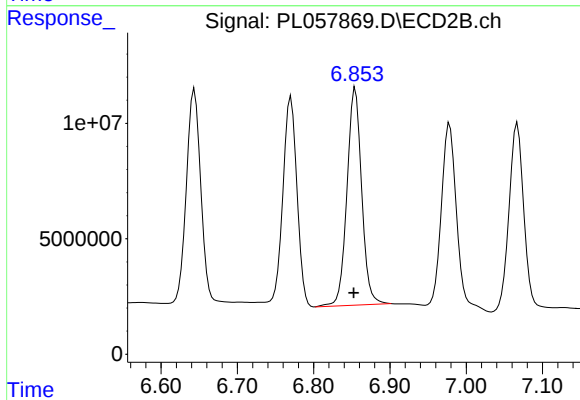
R.T.: 6.644 min  
Delta R.T.: 0.002 min  
Response: 118480415  
Conc: 47.42 ng/ml



#15 Endosulfan II

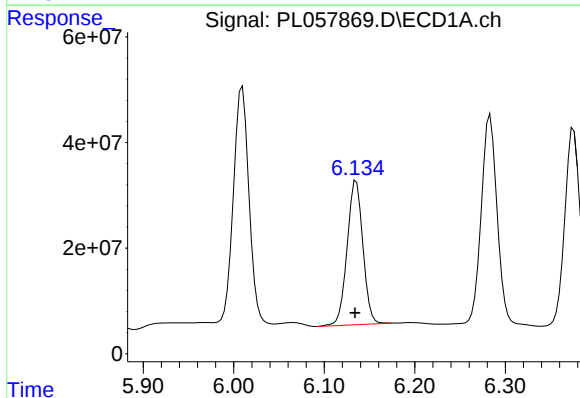
R.T.: 6.283 min  
Delta R.T.: 0.002 min  
Response: 489101962  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



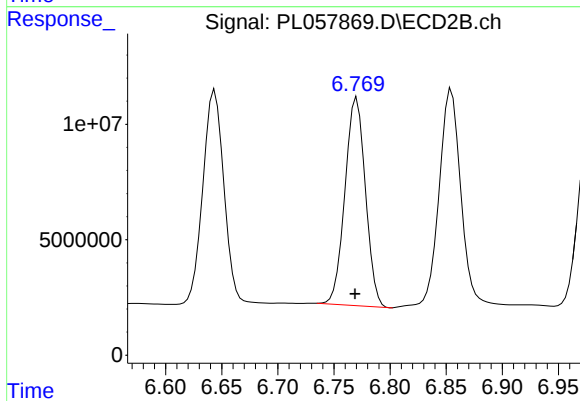
#15 Endosulfan II

R.T.: 6.855 min  
Delta R.T.: 0.002 min  
Response: 126035303  
Conc: 48.59 ng/ml



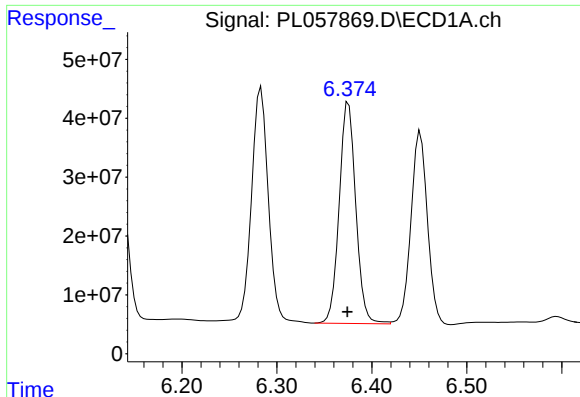
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.002 min  
Response: 330231058  
Conc: 33.04 ng/ml



#16 4,4'-DDD

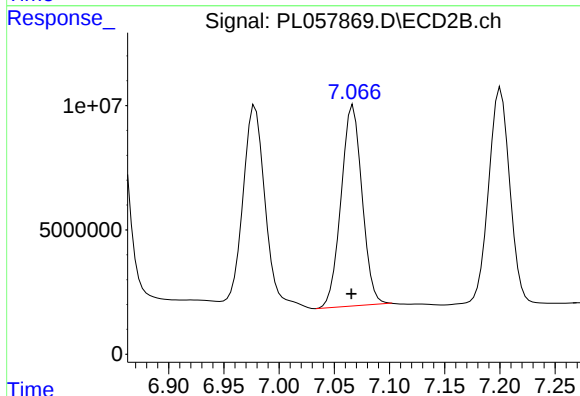
R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 114286594  
Conc: 50.08 ng/ml



#17 4,4'-DDT

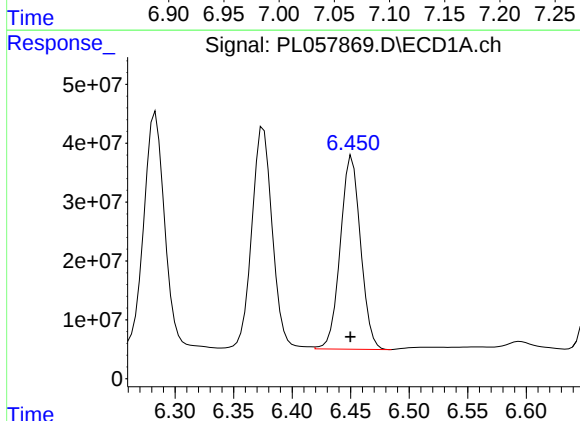
R.T.: 6.376 min  
Delta R.T.: 0.001 min  
Response: 457787524  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



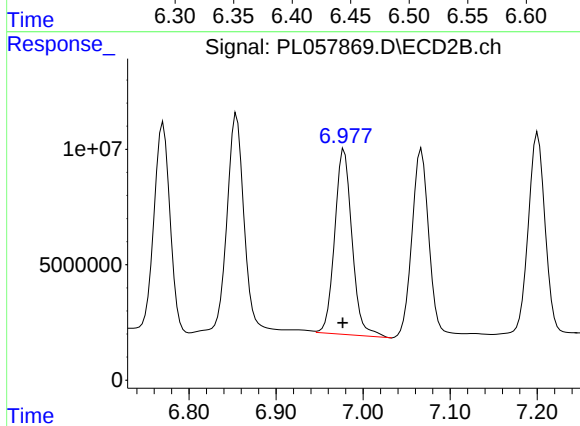
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 106433290  
Conc: 47.78 ng/ml



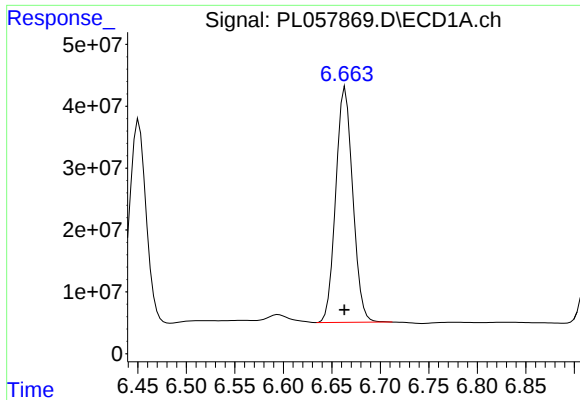
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: 0.001 min  
Response: 395550241  
Conc: 42.31 ng/ml



#18 Endrin aldehyde

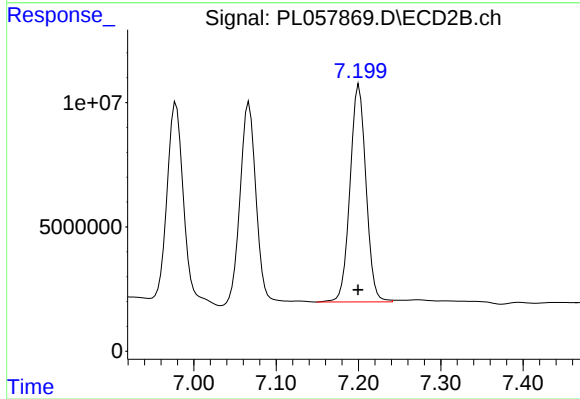
R.T.: 6.978 min  
Delta R.T.: 0.002 min  
Response: 111096480  
Conc: 50.01 ng/ml



#19 Endosulfan Sulfate

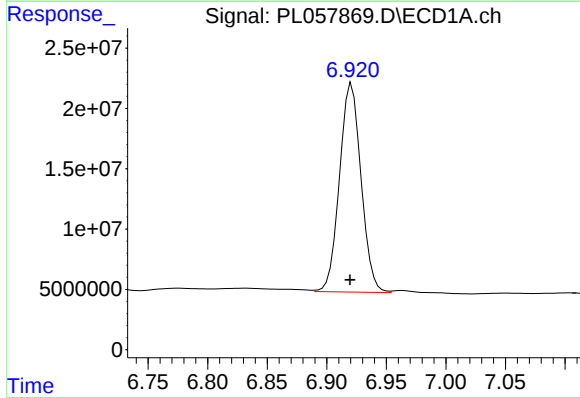
R.T.: 6.664 min  
Delta R.T.: 0.000 min  
Response: 462105052  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



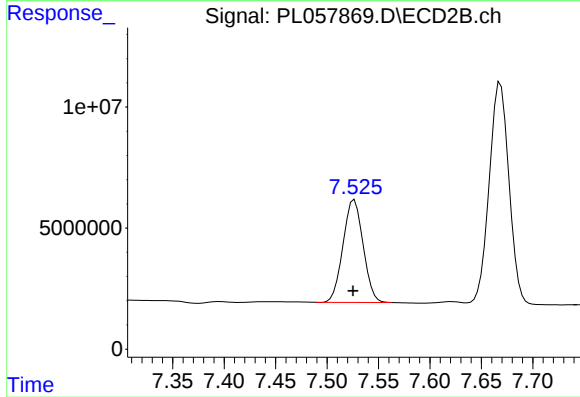
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: 0.001 min  
Response: 117790467  
Conc: 49.64 ng/ml



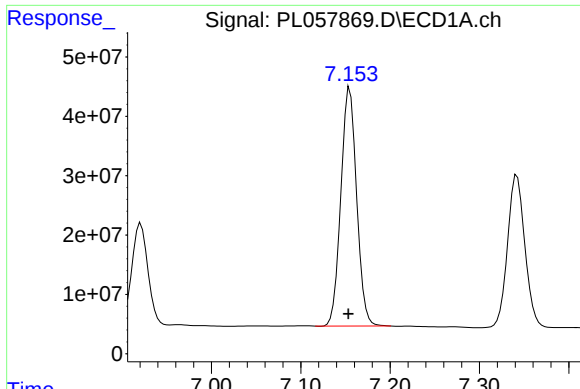
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: 0.001 min  
Response: 217438032  
Conc: 39.44 ng/ml



#20 Methoxychlor

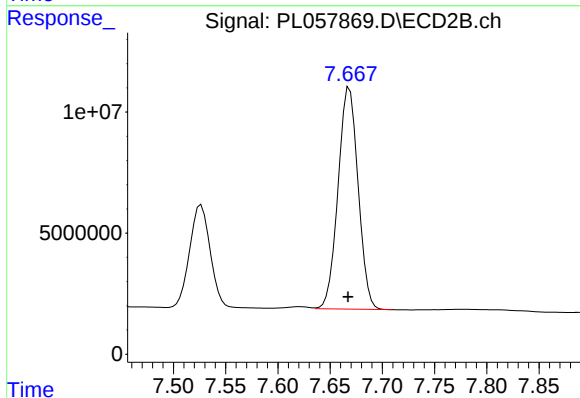
R.T.: 7.527 min  
Delta R.T.: 0.001 min  
Response: 57683308  
Conc: 45.35 ng/ml



#21 Endrin ketone

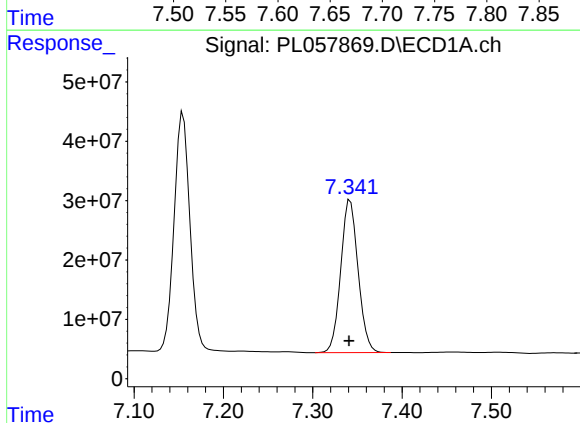
R.T.: 7.155 min  
Delta R.T.: 0.002 min  
Response: 493170742  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



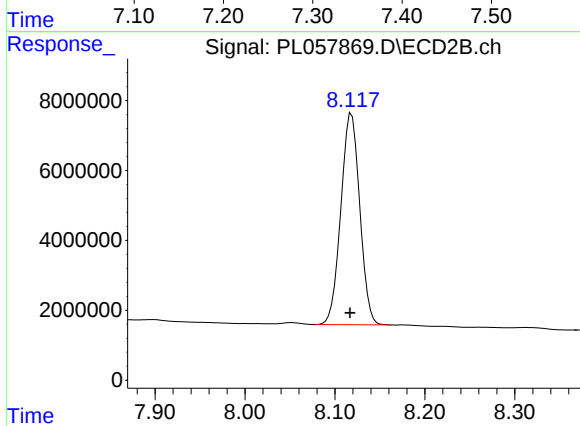
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.001 min  
Response: 122267112  
Conc: 49.46 ng/ml



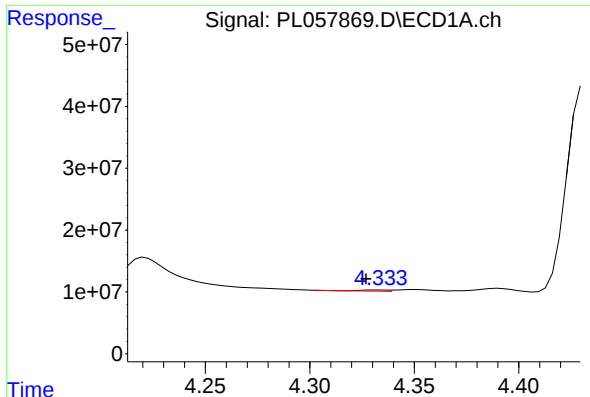
#22 Mirex

R.T.: 7.342 min  
Delta R.T.: 0.001 min  
Response: 346896665  
Conc: 42.32 ng/ml



#22 Mirex

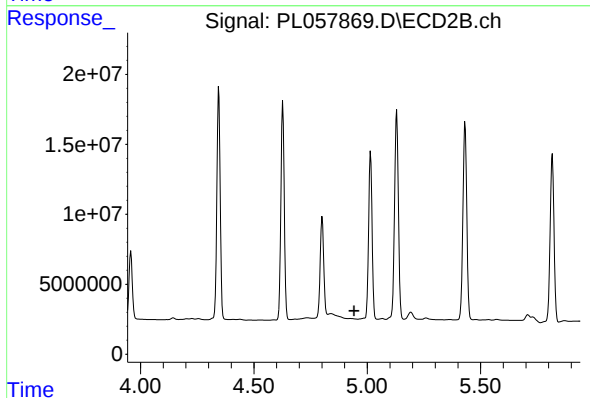
R.T.: 8.119 min  
Delta R.T.: 0.002 min  
Response: 88168692  
Conc: 47.95 ng/ml



#23 Chlordane-1

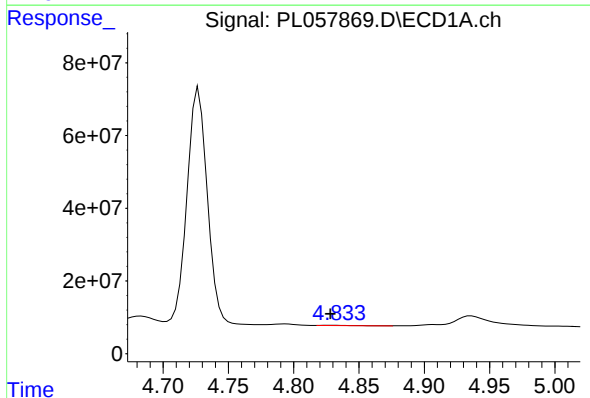
R.T.: 4.332 min  
Delta R.T.: 0.005 min  
Response: 1584301  
Conc: 4.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



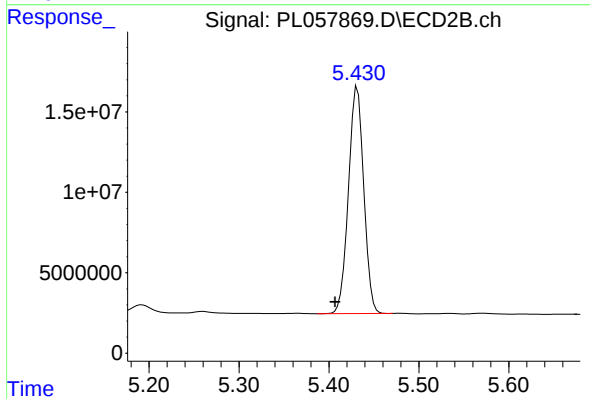
#23 Chlordane-1

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



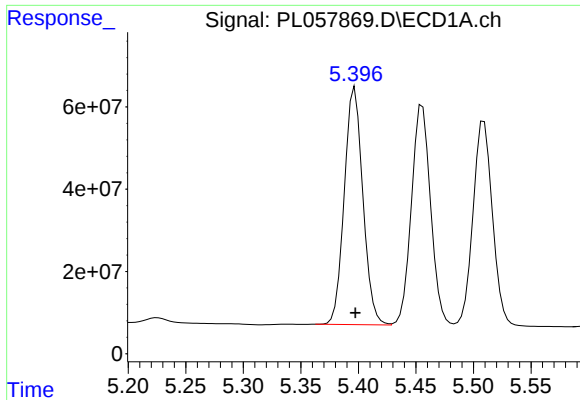
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 603851  
Conc: 1.50 ng/ml



#24 Chlordane-2

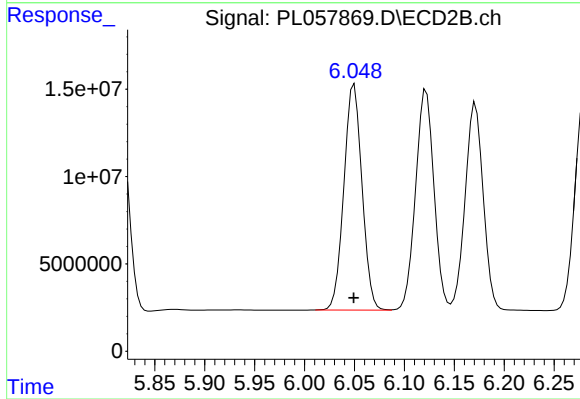
R.T.: 5.432 min  
Delta R.T.: 0.025 min  
Response: 166638943  
Conc: 1596.79 ng/ml



#25 Chlordane-3

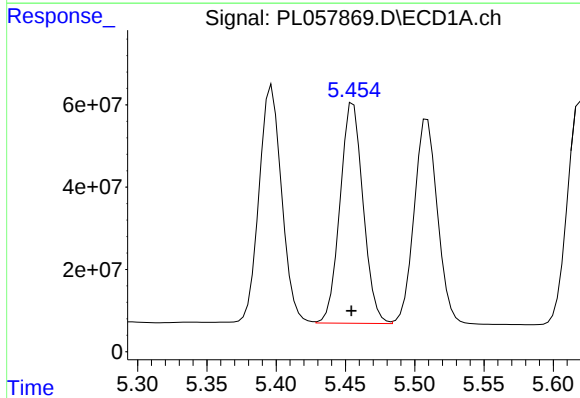
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 651503328  
Conc: 532.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



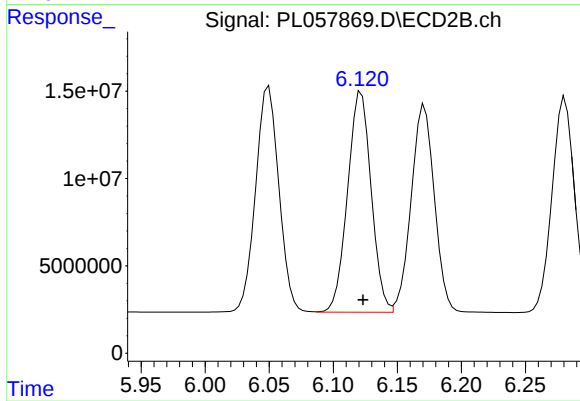
#25 Chlordane-3

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 163290002  
Conc: 377.40 ng/ml



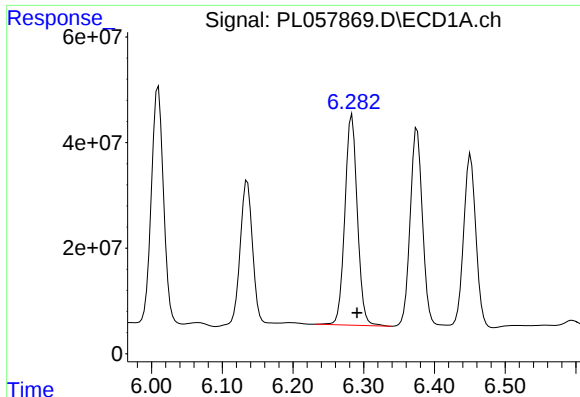
#26 Chlordane-4

R.T.: 5.456 min  
Delta R.T.: 0.001 min  
Response: 621398718  
Conc: 597.38 ng/ml



#26 Chlordane-4

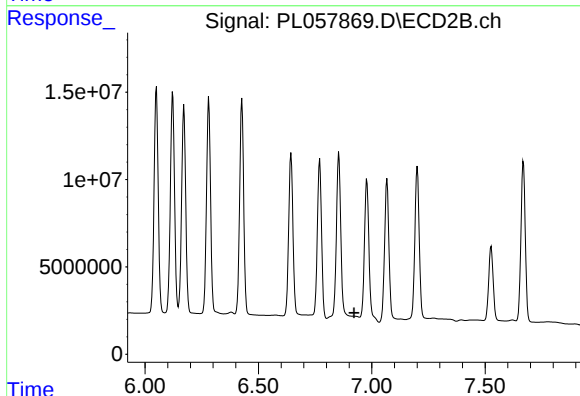
R.T.: 6.122 min  
Delta R.T.: -0.001 min  
Response: 162057230  
Conc: 308.72 ng/ml



#27 Chlordane-5

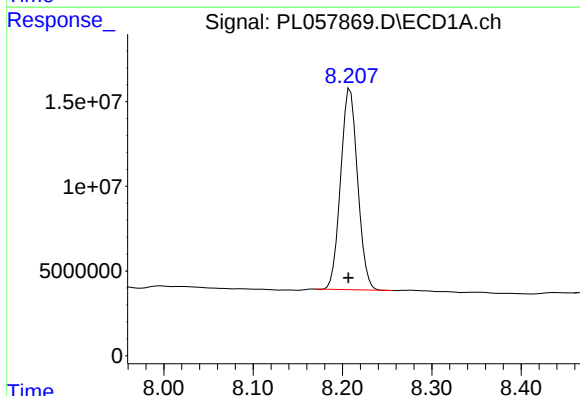
R.T.: 6.283 min  
Delta R.T.: -0.007 min  
Response: 489101962  
Conc: 1292.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



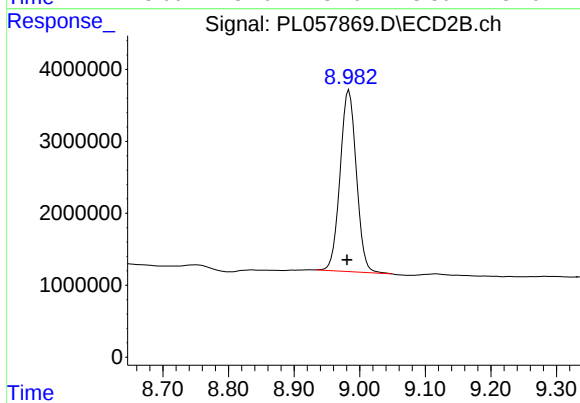
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: 0.002 min  
Response: 156874874  
Conc: 15.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.984 min  
Delta R.T.: 0.003 min  
Response: 43436004  
Conc: 19.45 ng/ml