

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082219\  
 Data File : PL051709.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Aug 2019 08:51  
 Operator : SG\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: Aug 23 00:54:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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... | 3.315  | 3.926  | 469.1E6 | 112.1E6  | 54.815   | 51.309     |
| 2)                          | SA Decachlor... | 7.973  | 8.953  | 561.3E6 | 138.5E6  | 46.244   | 45.512     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.742  | 4.314  | 790.2E6 | 165.8E6  | 54.537   | 51.463     |
| 3)                          | MA gamma-BHC... | 4.017  | 4.597  | 743.6E6 | 159.5E6  | 56.520   | 50.650     |
| 4)                          | MA Heptachlor   | 4.301  | 5.098  | 808.4E6 | 172.6E6  | 53.401   | 49.222     |
| 5)                          | MB Aldrin       | 4.538  | 5.400  | 776.7E6 | 162.1E6  | 53.748   | 49.448     |
| 6)                          | B beta-BHC      | 4.272  | 4.774  | 308.5E6 | 74988592 | 54.025   | 51.453     |
| 7)                          | B delta-BHC     | 4.465  | 4.987  | 797.5E6 | 161.6E6  | 53.636   | 51.644     |
| 8)                          | B Heptachlo...  | 4.975  | 5.787  | 730.2E6 | 159.7E6  | 52.214   | 47.311     |
| 9)                          | A Endosulfan I  | 5.305  | 6.142  | 700.8E6 | 153.0E6  | 52.132   | 47.310     |
| 10)                         | B gamma-Chl...  | 5.197  | 6.021  | 771.1E6 | 166.5E6  | 51.641   | 45.613     |
| 11)                         | B alpha-Chl...  | 5.253  | 6.092  | 749.5E6 | 164.4E6  | 51.793   | 47.651     |
| 12)                         | B 4,4'-DDE      | 5.420  | 6.253  | 697.8E6 | 167.2E6  | 50.988   | 47.504     |
| 13)                         | MA Dieldrin     | 5.544  | 6.398  | 770.7E6 | 162.2E6  | 50.691   | 47.354     |
| 14)                         | MA Endrin       | 5.796  | 6.615  | 731.4E6 | 146.4E6  | 50.147   | 48.398     |
| 15)                         | B Endosulfa...  | 6.072  | 6.827  | 693.9E6 | 148.4E6  | 49.869   | 45.021     |
| 16)                         | A 4,4'-DDD      | 5.931  | 6.743  | 617.3E6 | 129.7E6  | 50.410   | 47.919     |
| 17)                         | MA 4,4'-DDT     | 6.164  | 7.040  | 631.5E6 | 134.8E6  | 49.526   | 46.055     |
| 18)                         | B Endrin al...  | 6.238  | 6.952  | 567.6E6 | 126.2E6  | 48.793   | 44.644     |
| 19)                         | B Endosulfa...  | 6.450  | 7.174  | 632.4E6 | 140.3E6  | 48.611   | 45.424     |
| 20)                         | A Methoxychlor  | 6.709  | 7.501  | 325.9E6 | 75635204 | 48.071   | 45.096     |
| 21)                         | B Endrin ke...  | 6.930  | 7.642  | 684.5E6 | 145.6E6  | 48.386   | 45.523     |
| 22)                         | Mirex           | 7.104  | 8.090  | 486.3E6 | 113.3E6  | 45.932   | 46.568     |
| 23)                         | Chlordane-1     | 4.187f | 0.000  | 438945  | 0        | 1.362    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.400f | 0       | 162.1E6  | N.D.     | 1615.350 # |
| 25)                         | Chlordane-3     | 5.197  | 6.021  | 771.1E6 | 166.5E6  | 593.919  | 373.782 #  |
| 26)                         | Chlordane-4     | 5.253  | 6.092  | 749.5E6 | 164.4E6  | 614.680  | 302.779 #  |
| 27)                         | Chlordane-5     | 6.072  | 0.000  | 693.9E6 | 0        | 1414.004 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

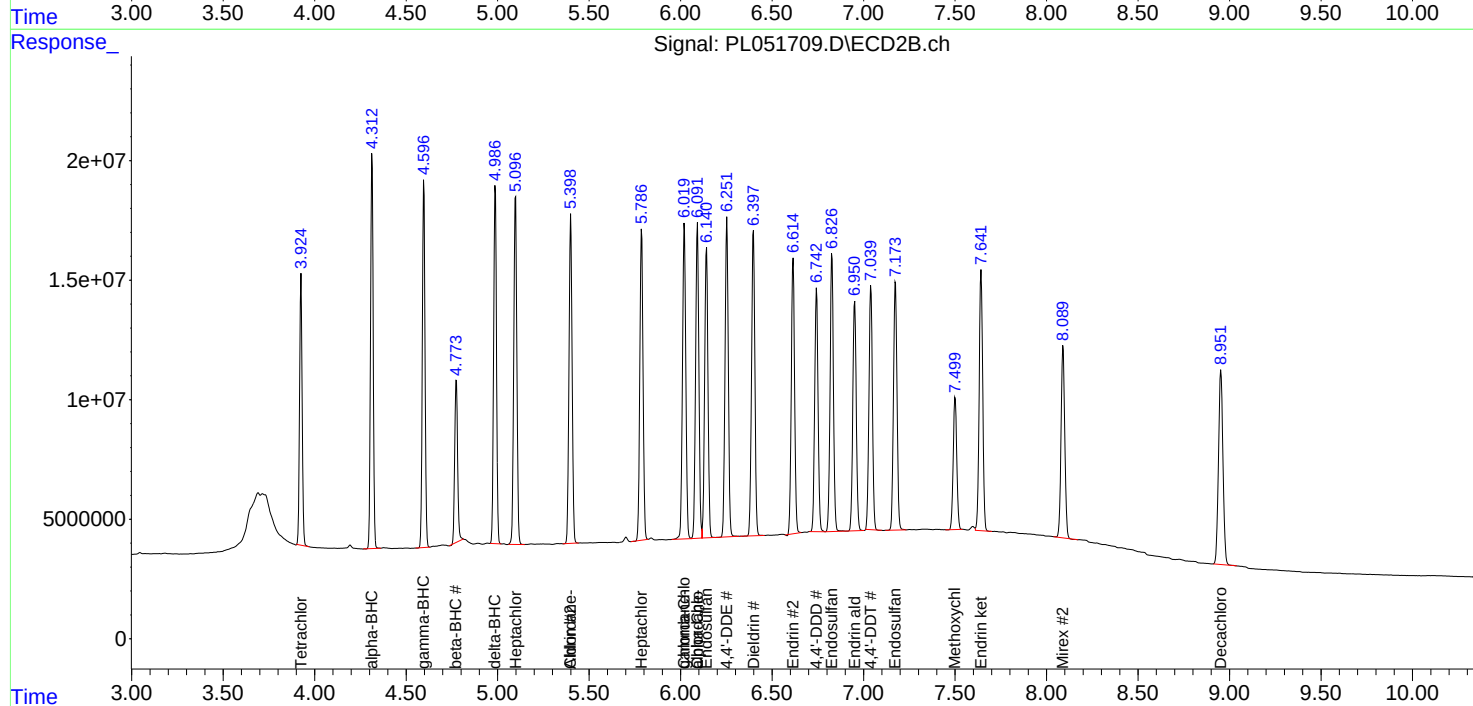
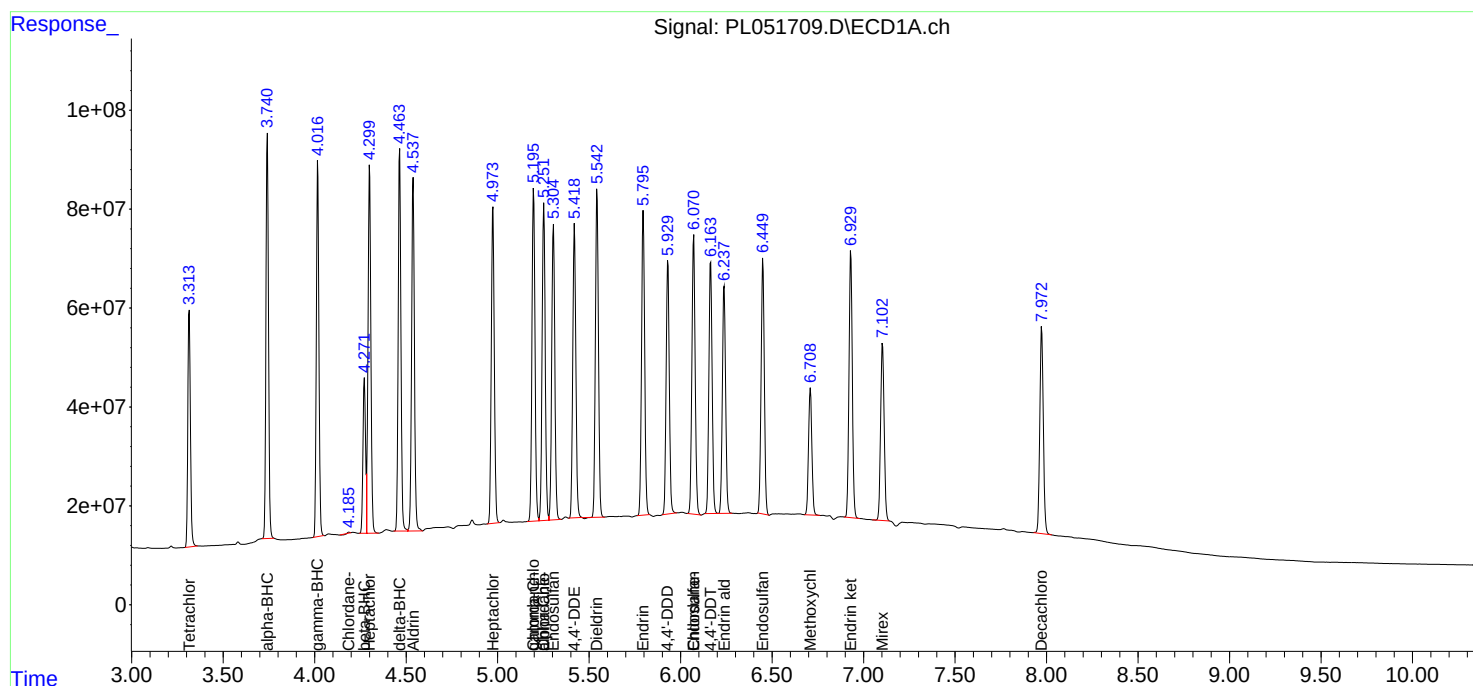
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

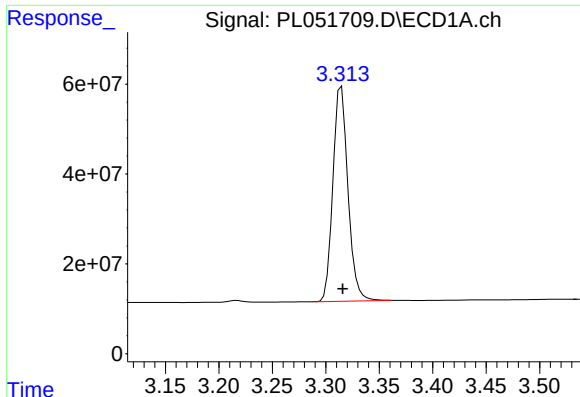
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082219\  
Data File : PL051709.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Aug 2019 08:51  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 00:54:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 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

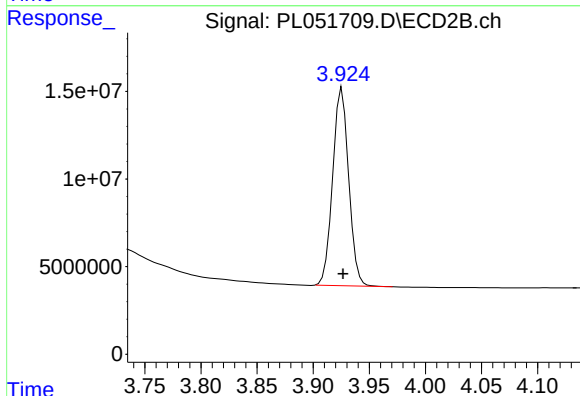




#1 Tetrachloro-m-xylene

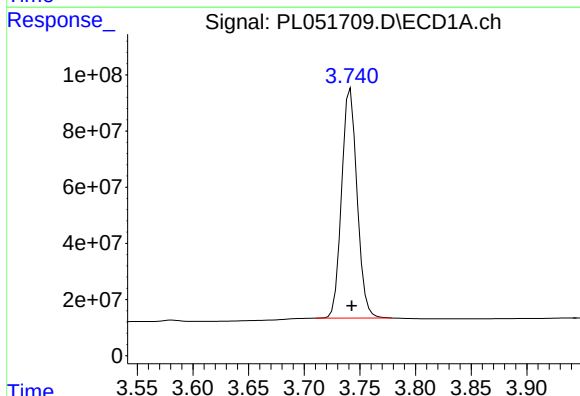
R.T.: 3.315 min  
Delta R.T.: -0.001 min  
Response: 469144898  
Conc: 54.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



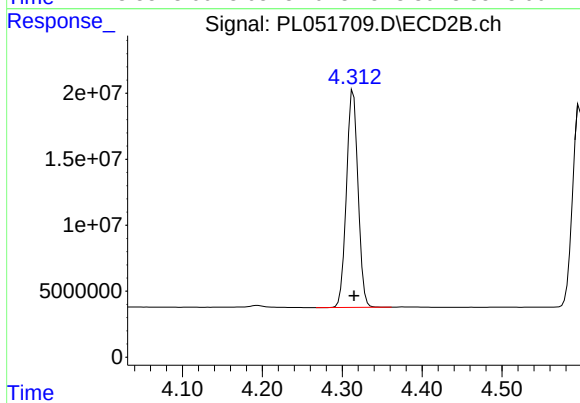
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 112100099  
Conc: 51.31 ng/ml



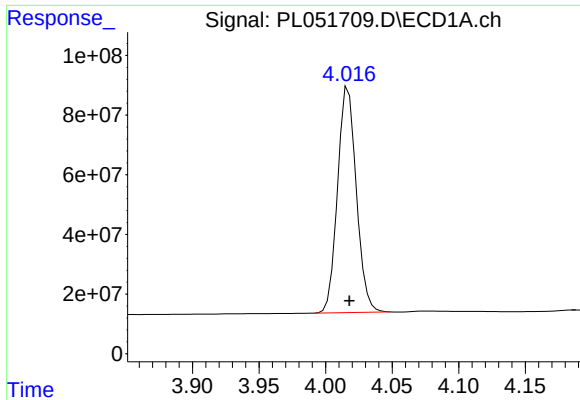
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: 0.000 min  
Response: 790222112  
Conc: 54.54 ng/ml



#2 alpha-BHC

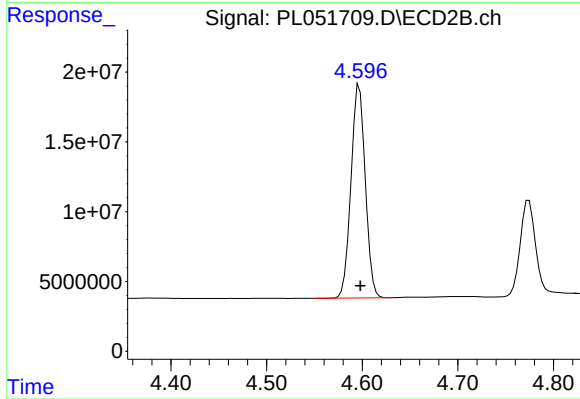
R.T.: 4.314 min  
Delta R.T.: -0.001 min  
Response: 165833565  
Conc: 51.46 ng/ml



#3 gamma-BHC (Lindane)

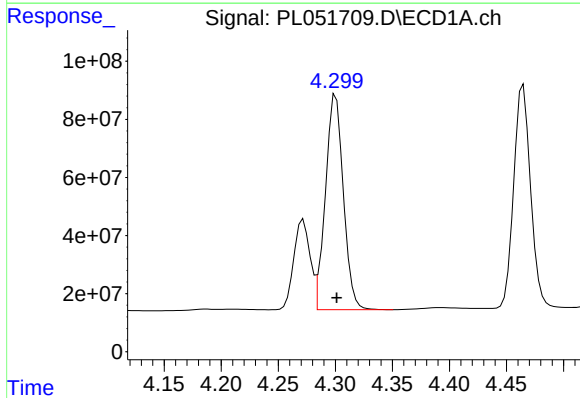
R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 743609958  
Conc: 56.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



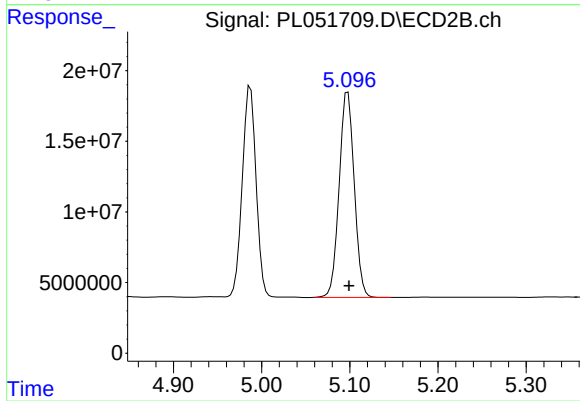
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 159462033  
Conc: 50.65 ng/ml



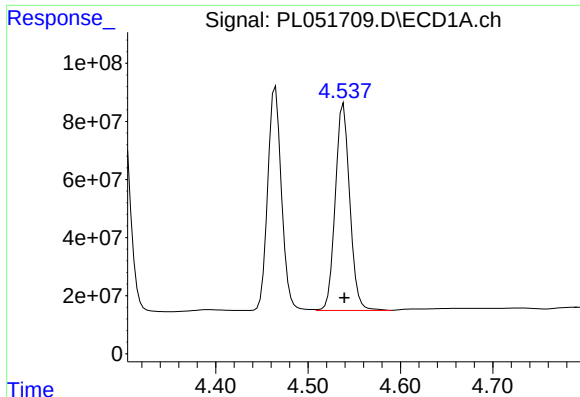
#4 Heptachlor

R.T.: 4.301 min  
Delta R.T.: 0.000 min  
Response: 808424448  
Conc: 53.40 ng/ml



#4 Heptachlor

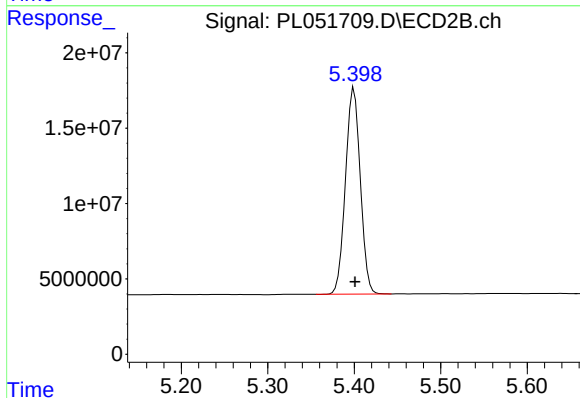
R.T.: 5.098 min  
Delta R.T.: -0.001 min  
Response: 172615171  
Conc: 49.22 ng/ml



#5 Aldrin

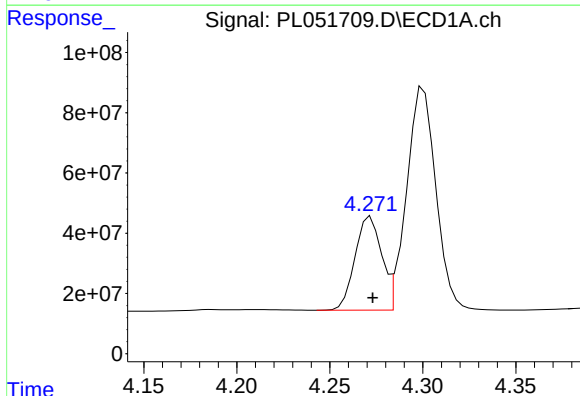
R.T.: 4.538 min  
Delta R.T.: 0.000 min  
Response: 776691298  
Conc: 53.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



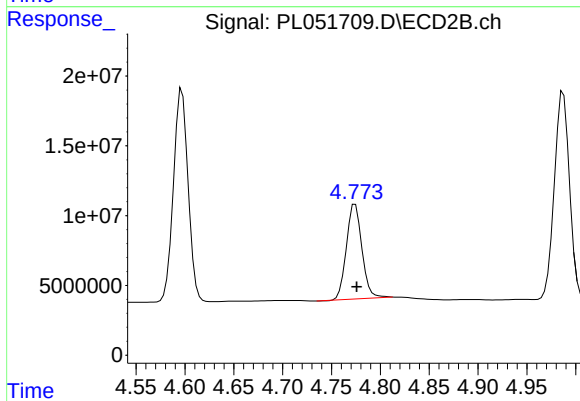
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.001 min  
Response: 162133612  
Conc: 49.45 ng/ml



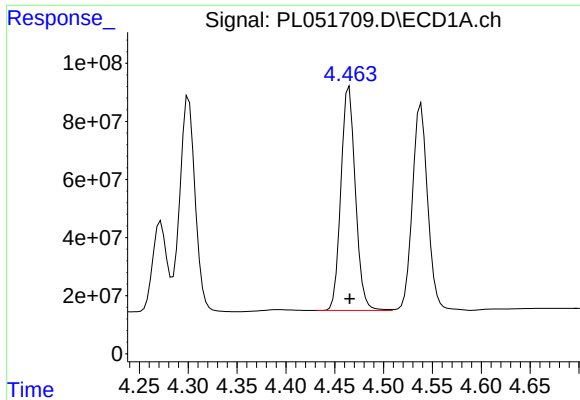
#6 beta-BHC

R.T.: 4.272 min  
Delta R.T.: 0.000 min  
Response: 308486546  
Conc: 54.02 ng/ml



#6 beta-BHC

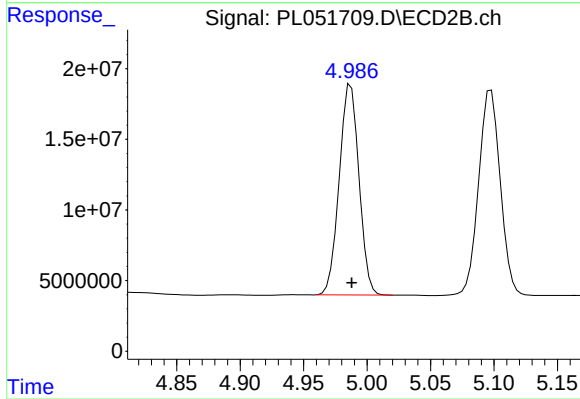
R.T.: 4.774 min  
Delta R.T.: -0.001 min  
Response: 74988592  
Conc: 51.45 ng/ml



#7 delta-BHC

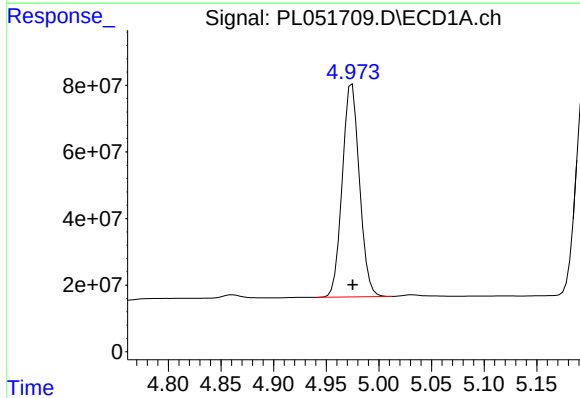
R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 797516388  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



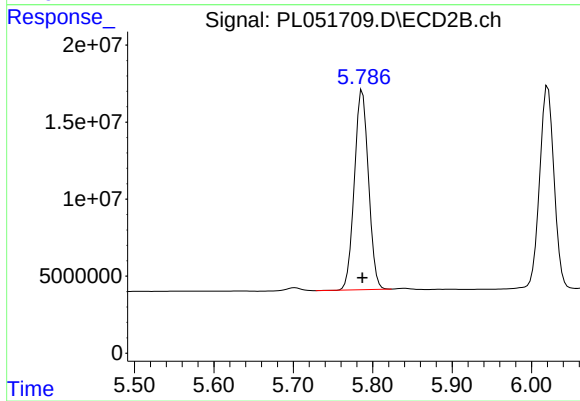
#7 delta-BHC

R.T.: 4.987 min  
Delta R.T.: 0.000 min  
Response: 161632313  
Conc: 51.64 ng/ml



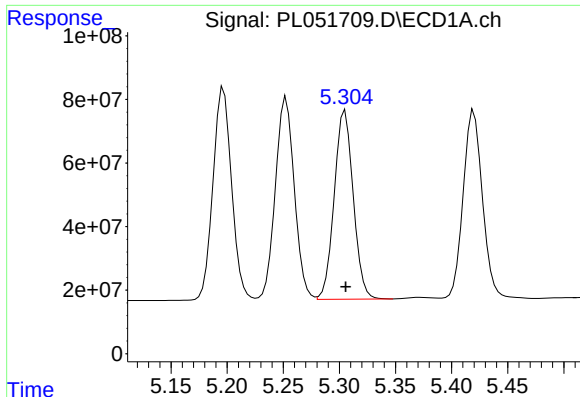
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 730238725  
Conc: 52.21 ng/ml



#8 Heptachlor epoxide

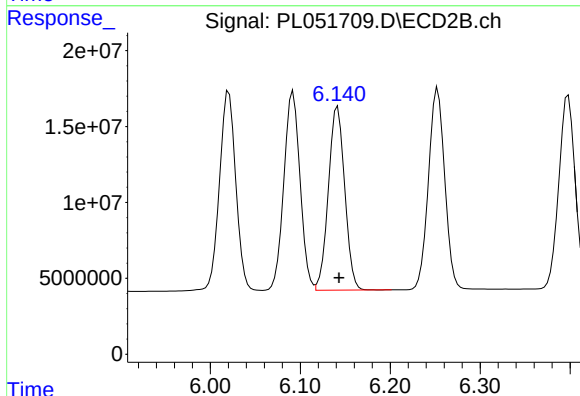
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 159666251  
Conc: 47.31 ng/ml



#9 Endosulfan I

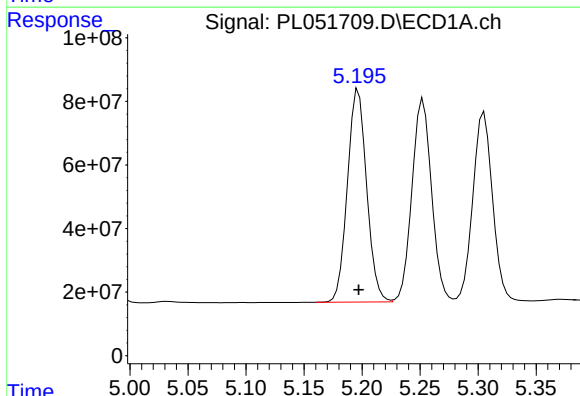
R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 700839994  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



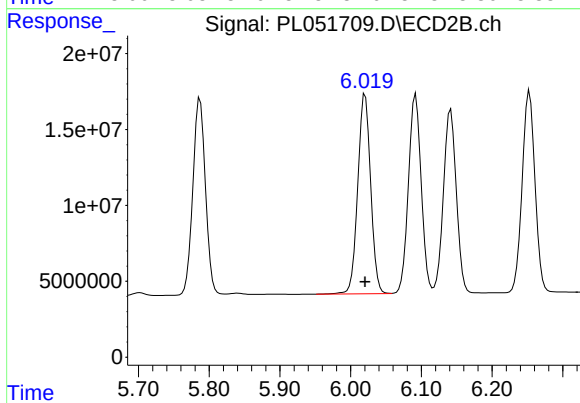
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.001 min  
Response: 152963365  
Conc: 47.31 ng/ml



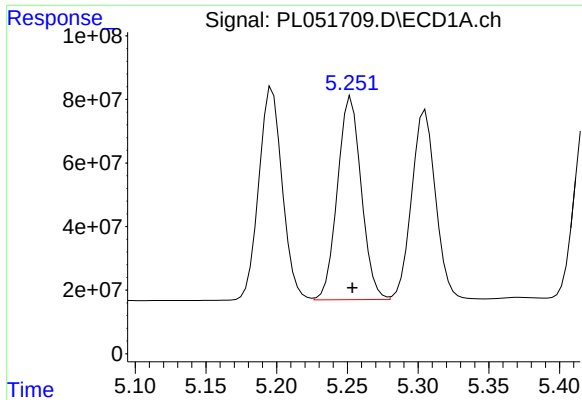
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 771108395  
Conc: 51.64 ng/ml



#10 gamma-Chlordane

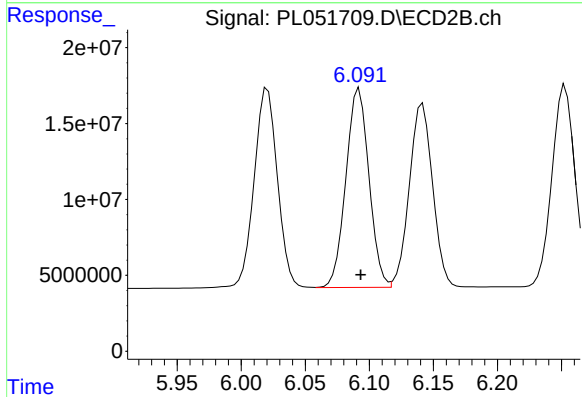
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 166534989  
Conc: 45.61 ng/ml



#11 alpha-Chlordane

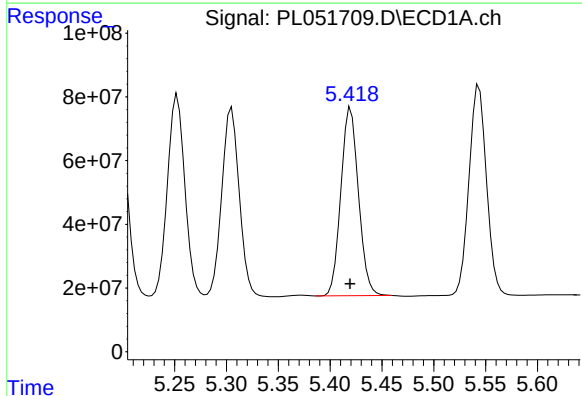
R.T.: 5.253 min  
Delta R.T.: 0.000 min  
Response: 749514222  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



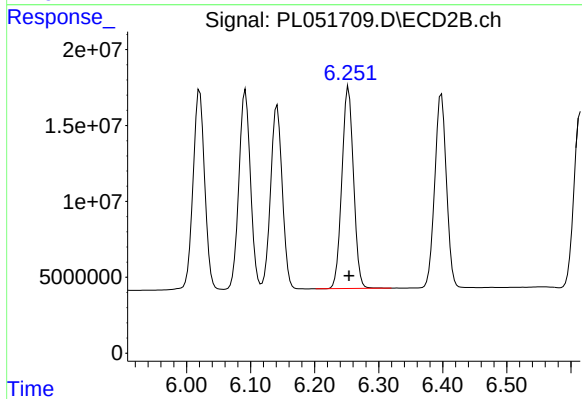
#11 alpha-Chlordane

R.T.: 6.092 min  
Delta R.T.: -0.001 min  
Response: 164442735  
Conc: 47.65 ng/ml



#12 4,4'-DDE

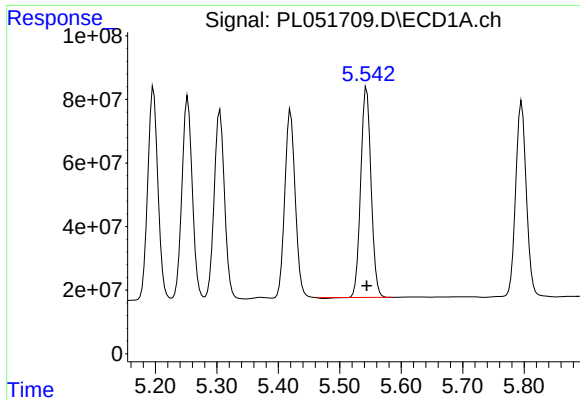
R.T.: 5.420 min  
Delta R.T.: 0.000 min  
Response: 697809694  
Conc: 50.99 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 167216675  
Conc: 47.50 ng/ml

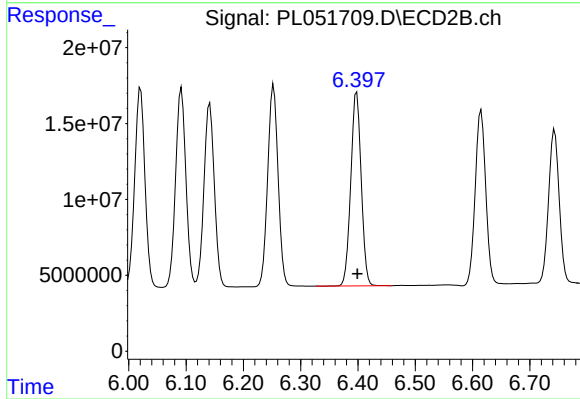




#13 Dieldrin

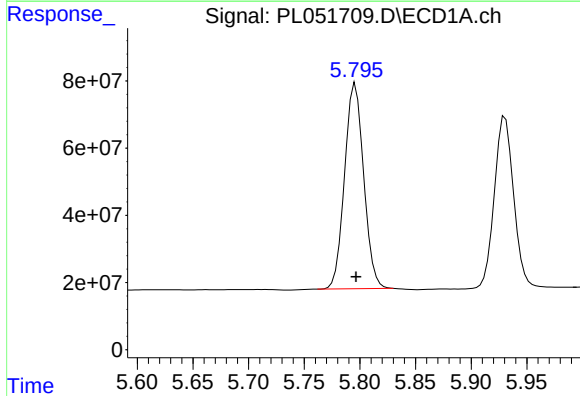
R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 770743247  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



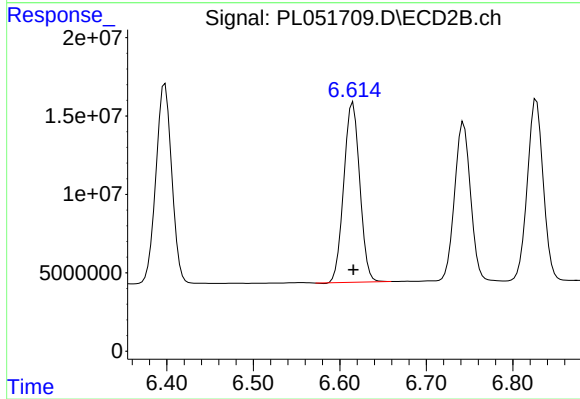
#13 Dieldrin

R.T.: 6.398 min  
Delta R.T.: -0.001 min  
Response: 162167658  
Conc: 47.35 ng/ml



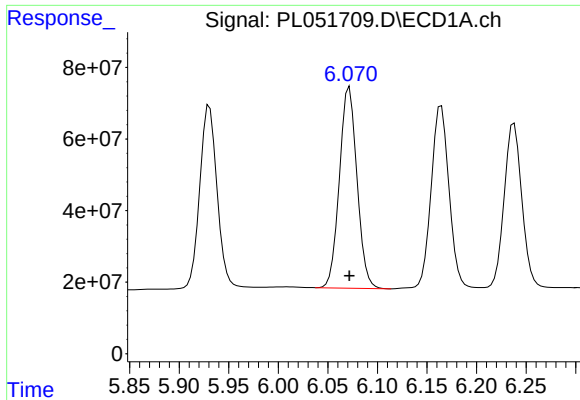
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 731446877  
Conc: 50.15 ng/ml



#14 Endrin

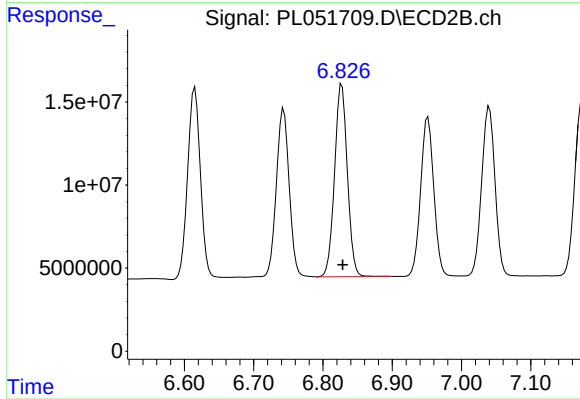
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 146386883  
Conc: 48.40 ng/ml



#15 Endosulfan II

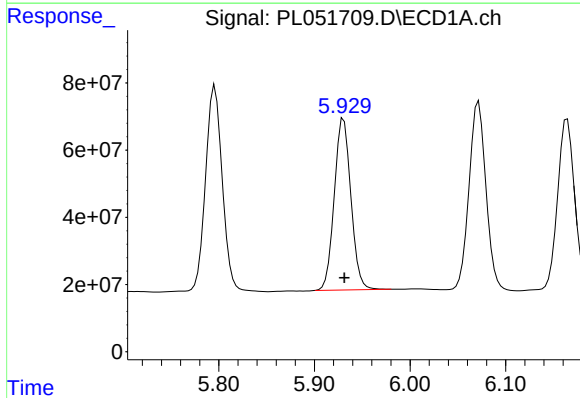
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 693876523  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



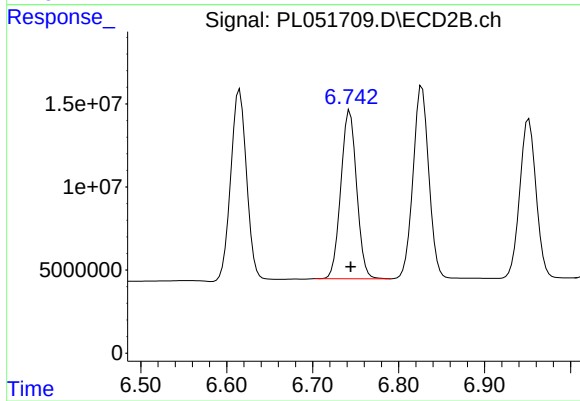
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.002 min  
Response: 148390502  
Conc: 45.02 ng/ml



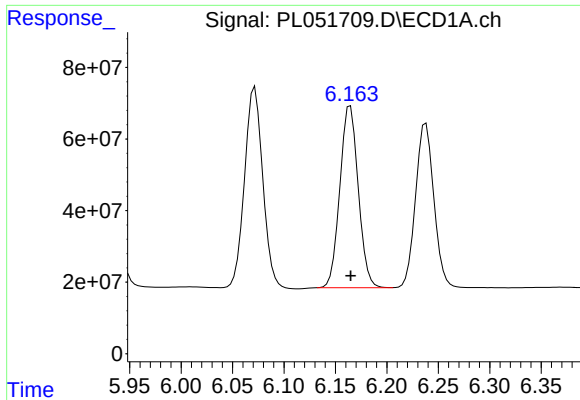
#16 4,4'-DDD

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 617294450  
Conc: 50.41 ng/ml



#16 4,4'-DDD

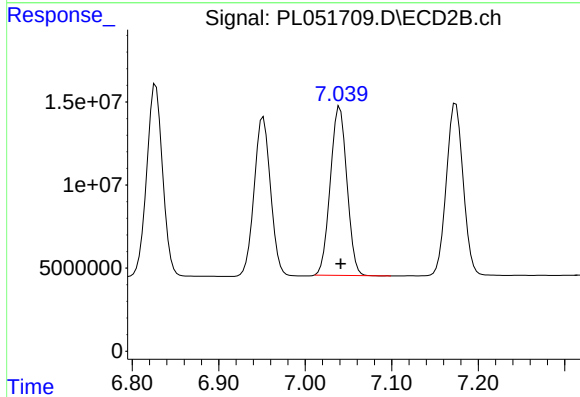
R.T.: 6.743 min  
Delta R.T.: -0.001 min  
Response: 129733961  
Conc: 47.92 ng/ml



#17 4,4'-DDT

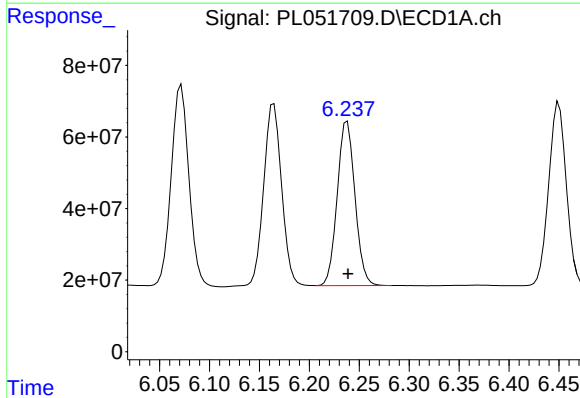
R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 631515735  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



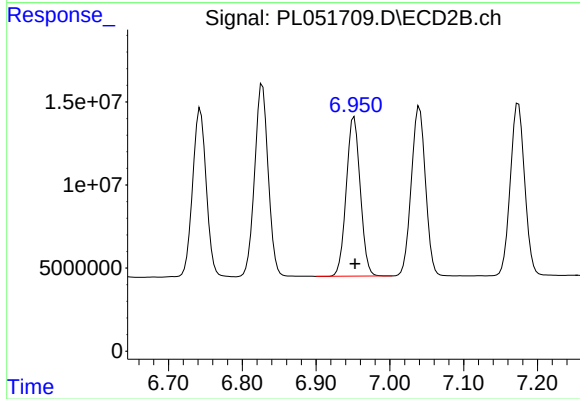
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 134834080  
Conc: 46.05 ng/ml



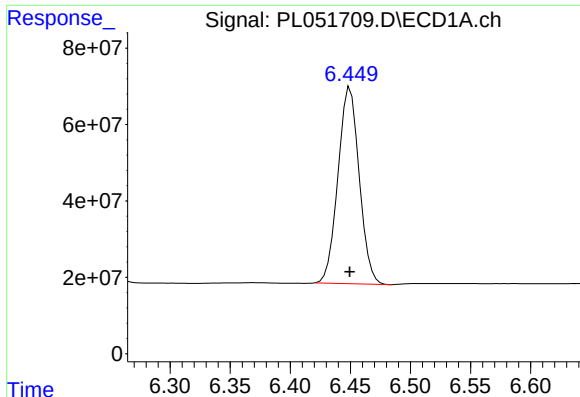
#18 Endrin aldehyde

R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 567621653  
Conc: 48.79 ng/ml



#18 Endrin aldehyde

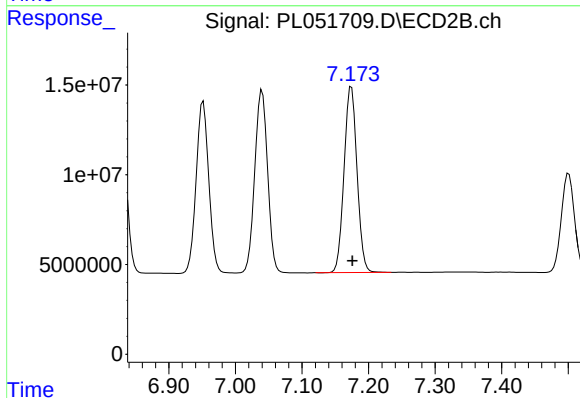
R.T.: 6.952 min  
Delta R.T.: -0.001 min  
Response: 126174348  
Conc: 44.64 ng/ml



#19 Endosulfan Sulfate

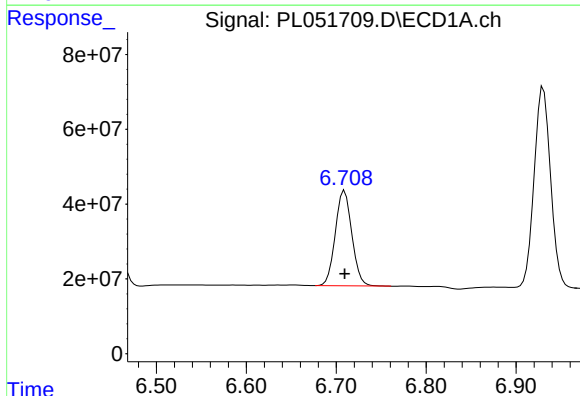
R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 632383451  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



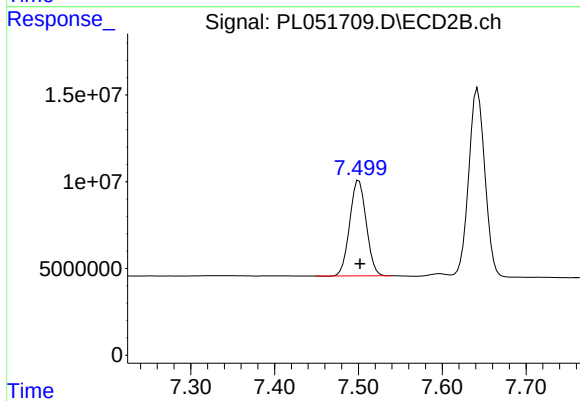
#19 Endosulfan Sulfate

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 140270944  
Conc: 45.42 ng/ml



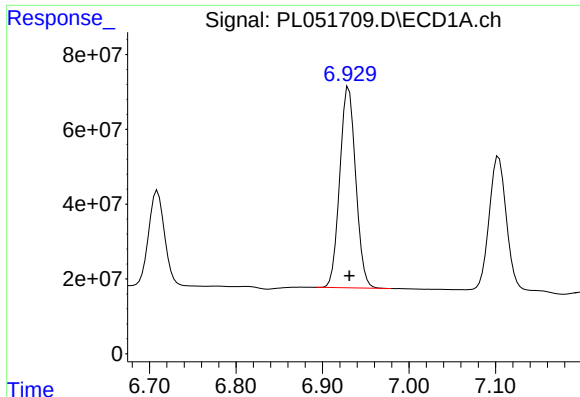
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 325907193  
Conc: 48.07 ng/ml



#20 Methoxychlor

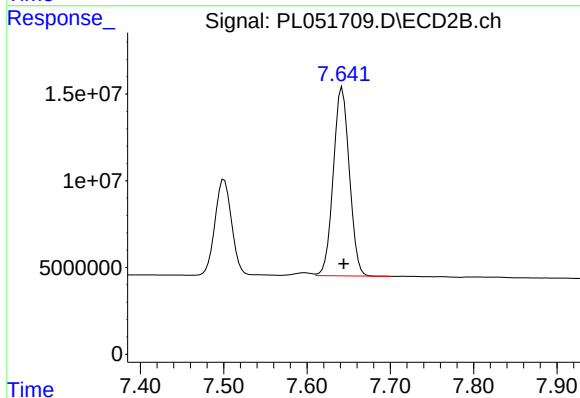
R.T.: 7.501 min  
Delta R.T.: -0.001 min  
Response: 75635204  
Conc: 45.10 ng/ml



#21 Endrin ketone

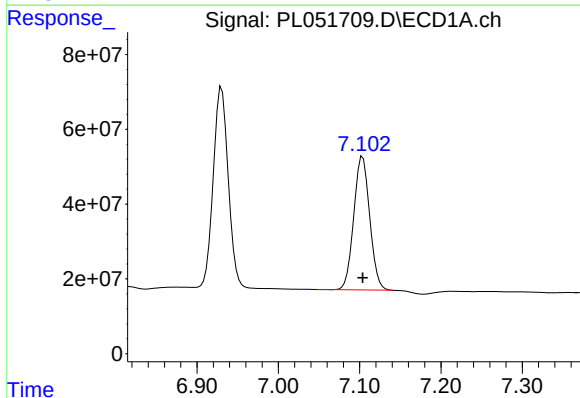
R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 684511997  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



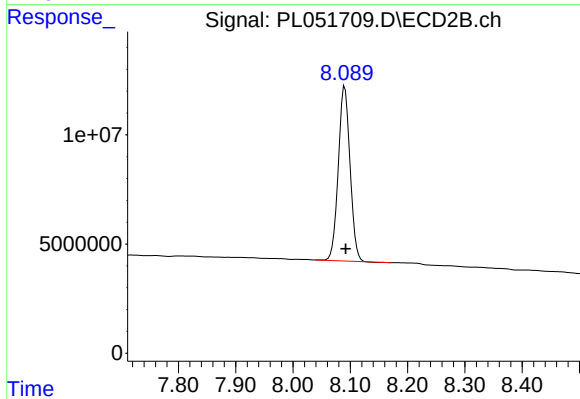
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 145649880  
Conc: 45.52 ng/ml



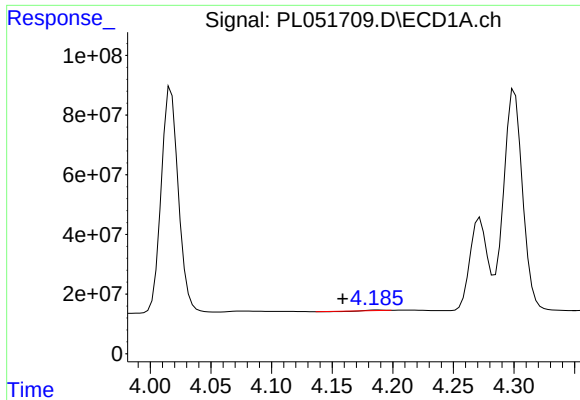
#22 Mirex

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 486295248  
Conc: 45.93 ng/ml



#22 Mirex

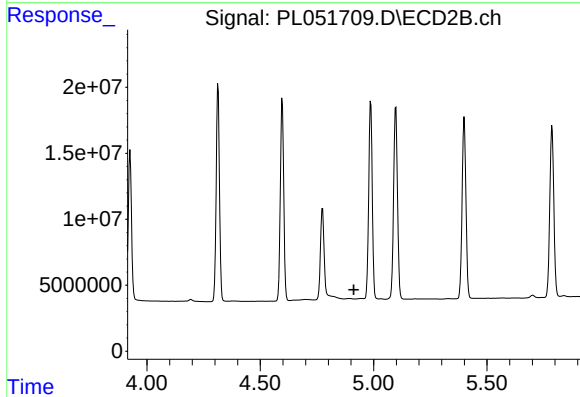
R.T.: 8.090 min  
Delta R.T.: -0.002 min  
Response: 113287289  
Conc: 46.57 ng/ml



#23 Chlordane-1

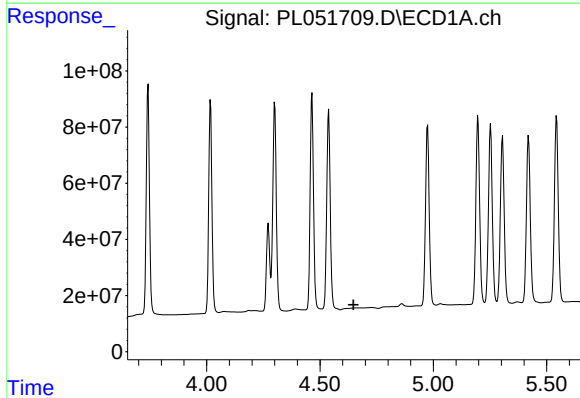
R.T.: 4.187 min  
Delta R.T.: 0.028 min  
Response: 438945  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



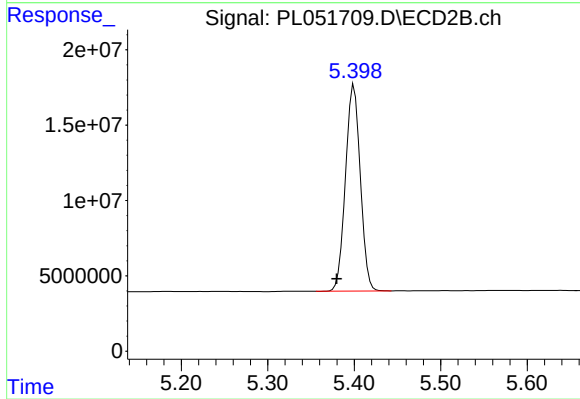
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.913 min  
Response: 0  
Conc: N.D.



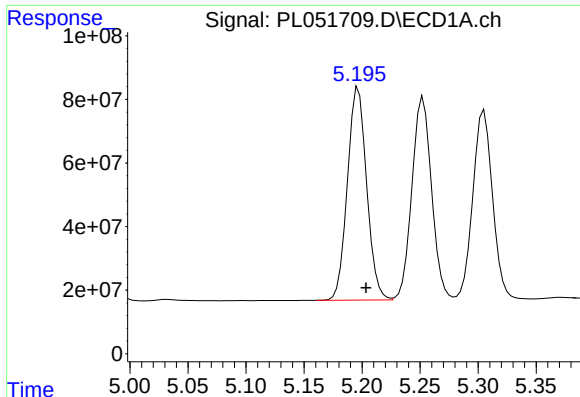
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.649 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

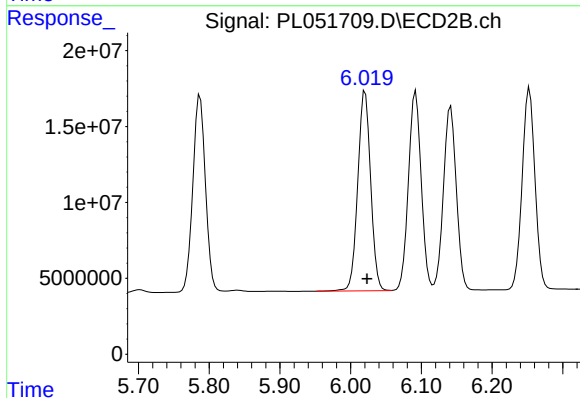
R.T.: 5.400 min  
Delta R.T.: 0.020 min  
Response: 162133612  
Conc: 1615.35 ng/ml



#25 Chlordane-3

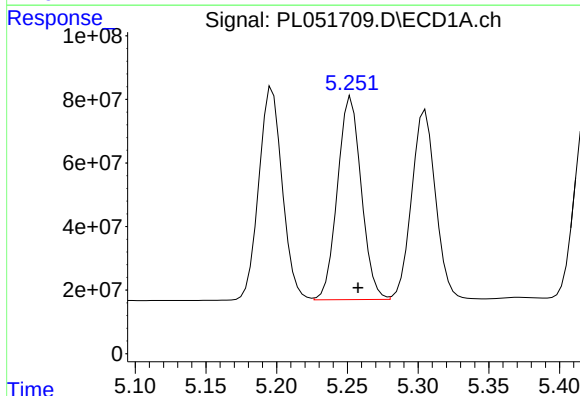
R.T.: 5.197 min  
Delta R.T.: -0.007 min  
Response: 771108395  
Conc: 593.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



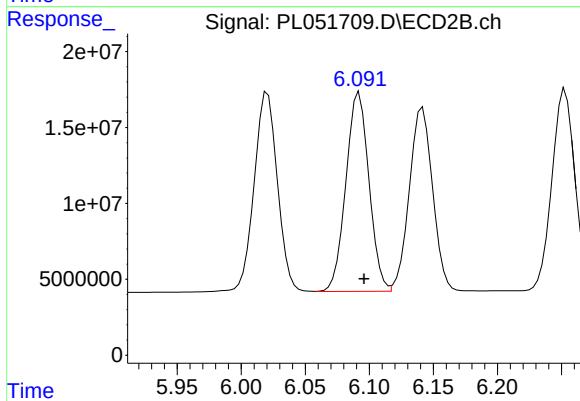
#25 Chlordane-3

R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 166534989  
Conc: 373.78 ng/ml



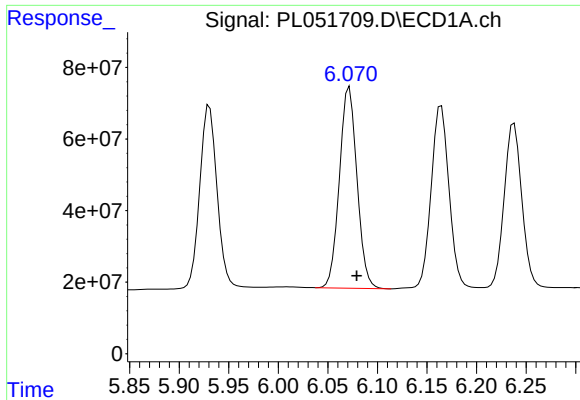
#26 Chlordane-4

R.T.: 5.253 min  
Delta R.T.: -0.005 min  
Response: 749514222  
Conc: 614.68 ng/ml



#26 Chlordane-4

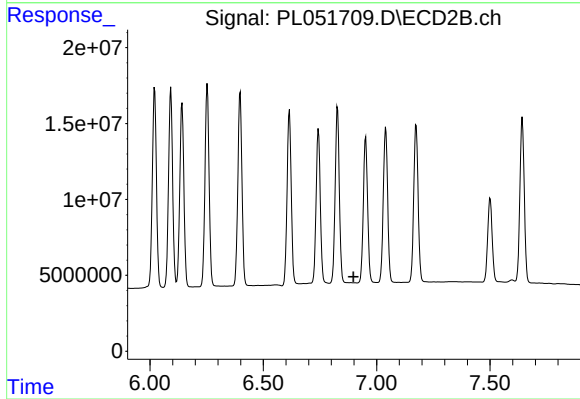
R.T.: 6.092 min  
Delta R.T.: -0.004 min  
Response: 164442735  
Conc: 302.78 ng/ml



#27 Chlordane-5

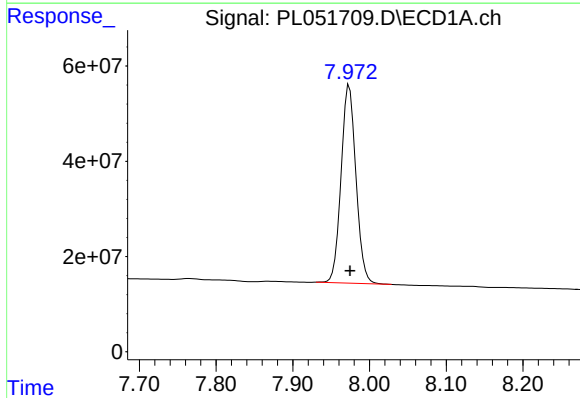
R.T.: 6.072 min  
Delta R.T.: -0.007 min  
Response: 693876523  
Conc: 1414.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



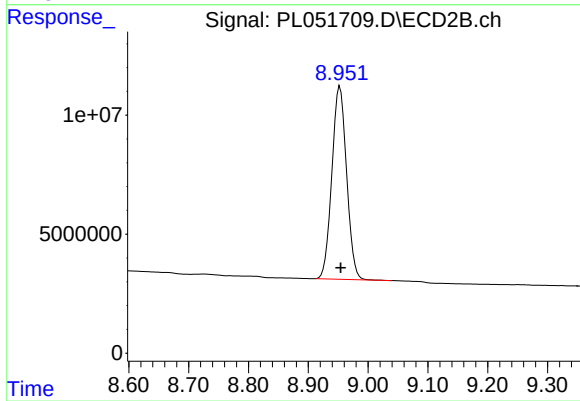
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.898 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.973 min  
Delta R.T.: -0.001 min  
Response: 561304099  
Conc: 46.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.001 min  
Response: 138532829  
Conc: 45.51 ng/ml