

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031420\  
 Data File : PL057366.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2020 00:14  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 01:09:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 14 00:45:03 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... | 3.459 | 3.957  | 460.2E6 | 105.2E6  | 49.644   | 48.473     |
| 28)                         | SA Decachlor... | 8.206 | 8.978  | 465.2E6 | 101.2E6  | 43.962   | 45.626     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.896 | 4.344  | 801.0E6 | 156.5E6  | 50.286   | 48.721     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.627  | 730.2E6 | 153.6E6  | 50.801   | 48.953     |
| 4)                          | MA Heptachlor   | 4.480 | 5.129  | 735.3E6 | 154.0E6  | 49.511   | 48.910     |
| 5)                          | MB Aldrin       | 4.728 | 5.430  | 691.8E6 | 148.0E6  | 50.152   | 48.504     |
| 6)                          | B beta-BHC      | 4.431 | 4.800  | 284.6E6 | 69623770 | 48.414   | 48.271     |
| 7)                          | B delta-BHC     | 4.635 | 5.013  | 710.4E6 | 130.6E6  | 50.619   | 48.918     |
| 8)                          | B Heptachlo...  | 5.170 | 5.815  | 634.6E6 | 139.0E6  | 49.515   | 50.954     |
| 9)                          | A Endosulfan I  | 5.509 | 6.170  | 588.2E6 | 136.5E6  | 49.469   | 47.963     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.048  | 647.2E6 | 149.1E6  | 49.635   | 48.389     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.120  | 639.0E6 | 149.8E6  | 49.447   | 48.119     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.279  | 614.8E6 | 137.1E6  | 49.356   | 48.239     |
| 13)                         | MA Dieldrin     | 5.752 | 6.425  | 617.8E6 | 142.5E6  | 48.979   | 48.162     |
| 14)                         | MA Endrin       | 6.009 | 6.642  | 527.7E6 | 112.9E6  | 46.158   | 46.794     |
| 15)                         | B Endosulfa...  | 6.282 | 6.852  | 523.8E6 | 122.3E6  | 48.232   | 46.545     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.768  | 478.6E6 | 110.9E6  | 48.834   | 48.550     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.064  | 472.5E6 | 106.4E6  | 47.381   | 46.710     |
| 18)                         | B Endrin al...  | 6.449 | 6.975  | 432.8E6 | 104.7E6  | 46.864   | 47.097     |
| 19)                         | B Endosulfa...  | 6.663 | 7.197  | 484.9E6 | 115.2E6  | 48.287   | 47.234     |
| 20)                         | A Methoxychlor  | 6.919 | 7.524  | 243.2E6 | 59751625 | 45.318   | 45.942     |
| 21)                         | B Endrin ke...  | 7.152 | 7.666  | 542.8E6 | 124.4E6  | 48.022   | 48.072     |
| 22)                         | Mirex           | 7.340 | 8.115  | 372.5E6 | 88044675 | 45.997   | 46.108     |
| 23)                         | Chlordane-1     | 4.334 | 0.000  | 618454  | 0        | 1.905    | N.D. #     |
| 24)                         | Chlordane-2     | 4.831 | 5.430f | 473286  | 148.0E6  | 1.302    | 1570.157 # |
| 25)                         | Chlordane-3     | 5.397 | 6.048  | 647.2E6 | 149.1E6  | 573.961  | 393.305 #  |
| 26)                         | Chlordane-4     | 5.455 | 6.120  | 639.0E6 | 149.8E6  | 666.529  | 327.246 #  |
| 27)                         | Chlordane-5     | 6.282 | 0.000  | 523.8E6 | 0        | 1439.688 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

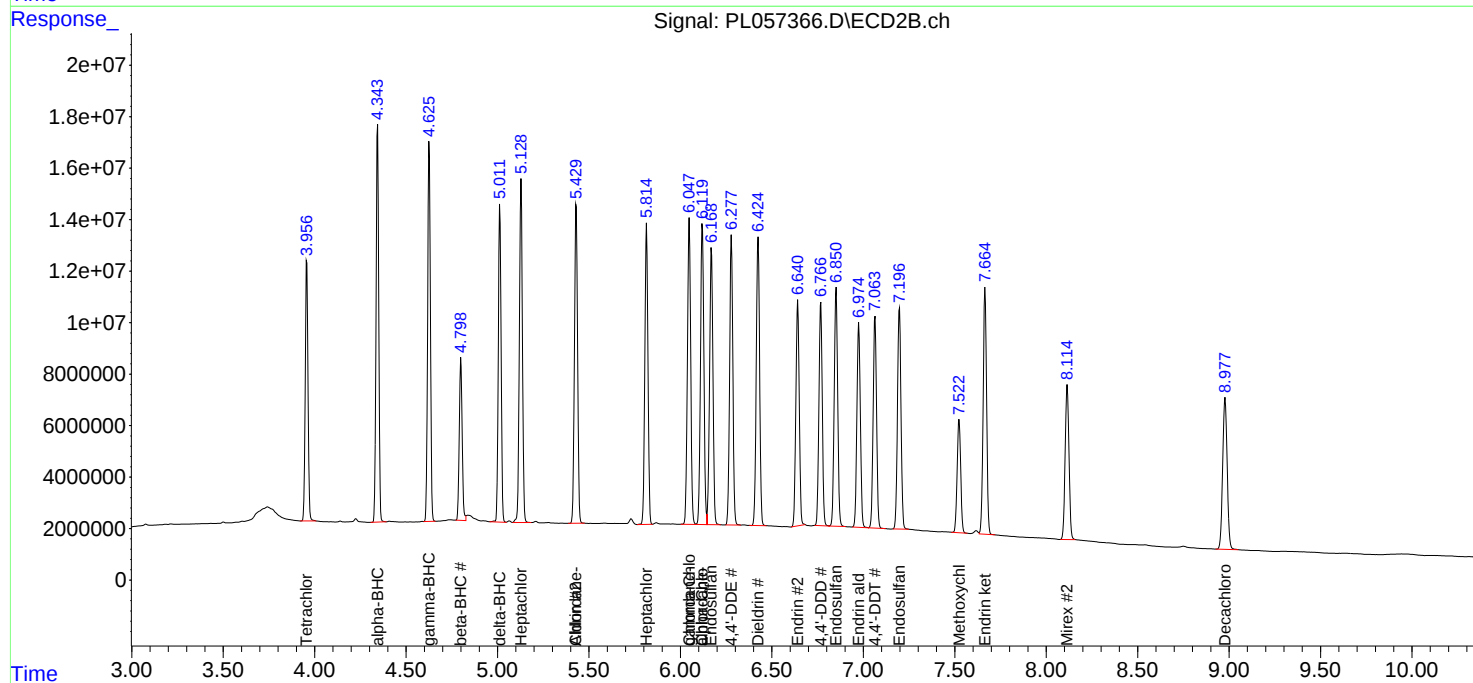
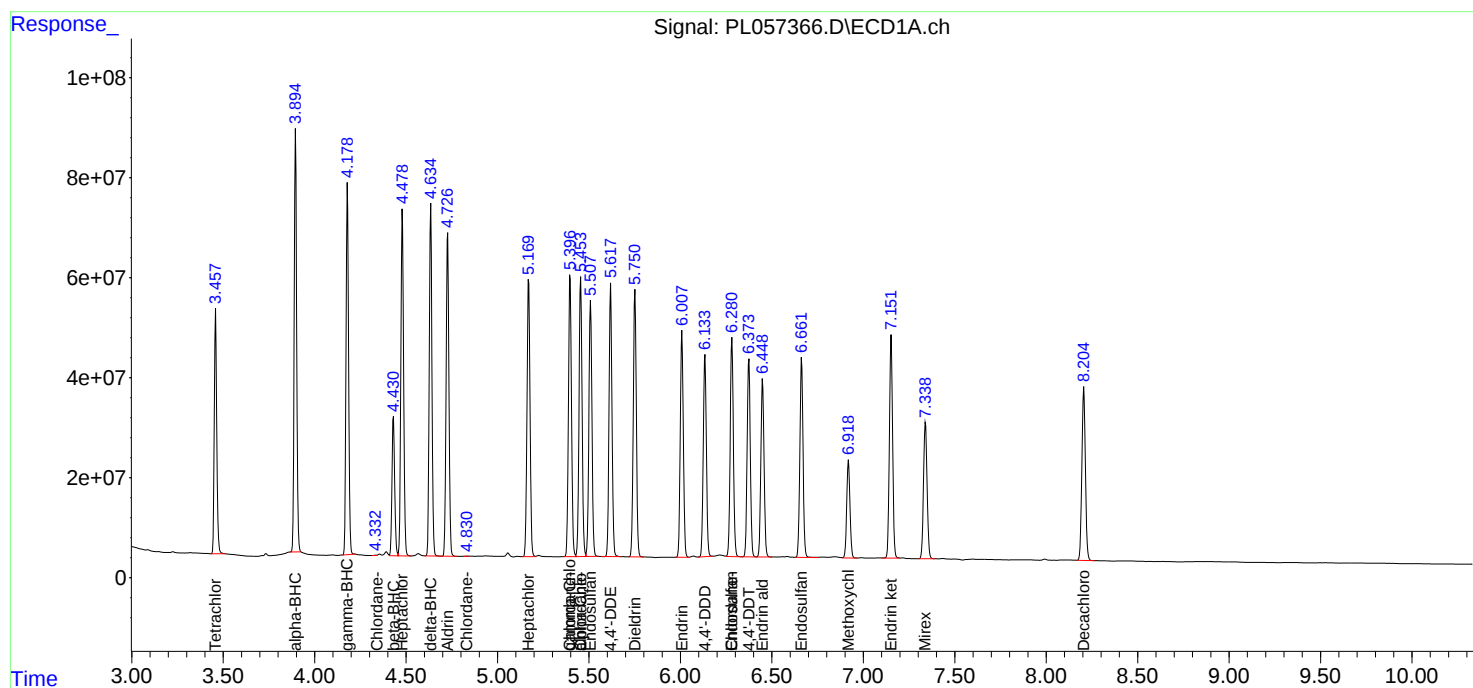
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

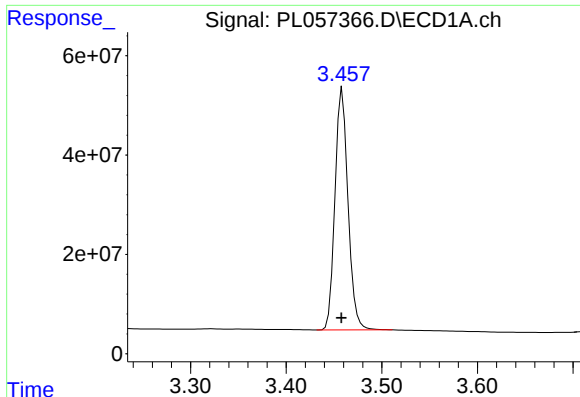
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031420\  
Data File : PL057366.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2020 00:14  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 01:09:11 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Sat Mar 14 00:45:03 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

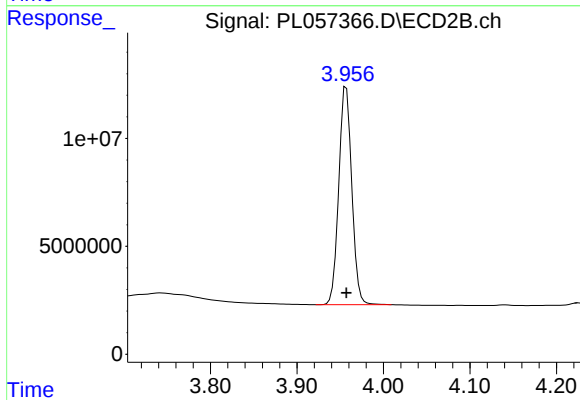




#1 Tetrachloro-m-xylene

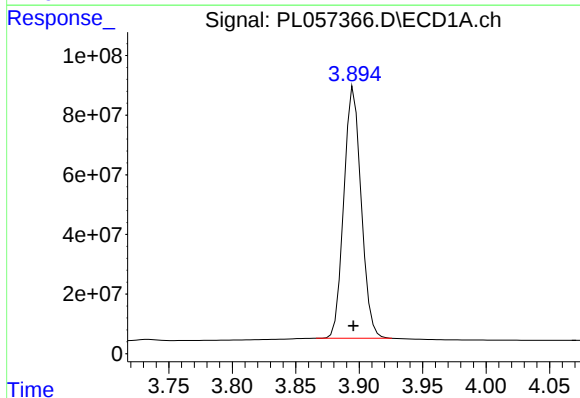
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 460166936  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



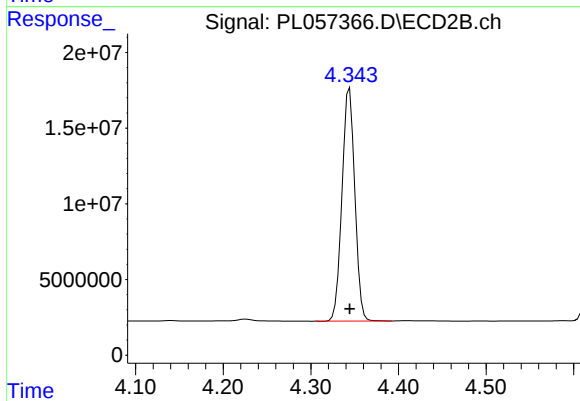
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 105164367  
Conc: 48.47 ng/ml



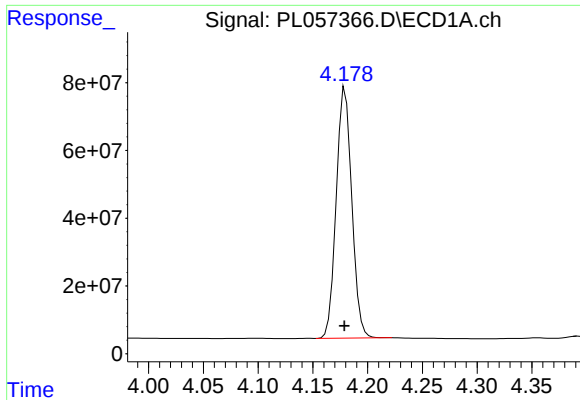
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 801035352  
Conc: 50.29 ng/ml



#2 alpha-BHC

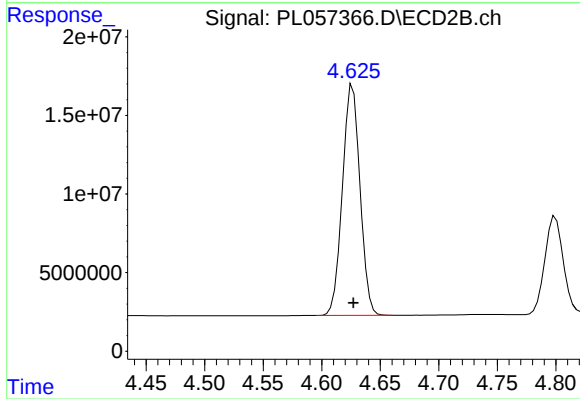
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 156495534  
Conc: 48.72 ng/ml



#3 gamma-BHC (Lindane)

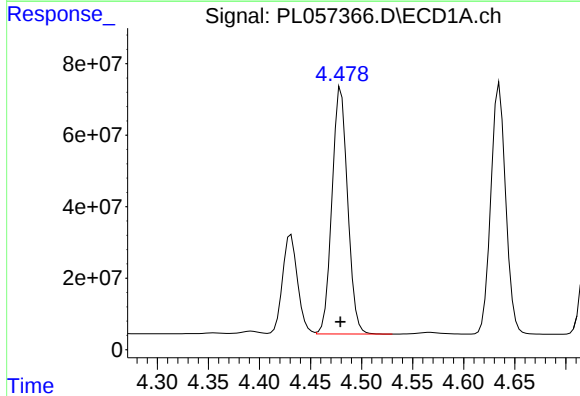
R.T.: 4.180 min  
Delta R.T.: 0.000 min  
Response: 730153031  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



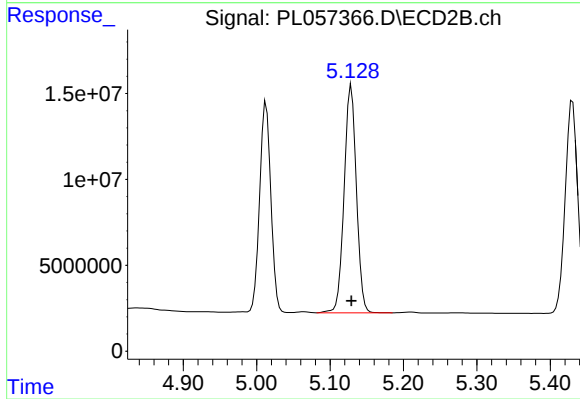
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 153588217  
Conc: 48.95 ng/ml



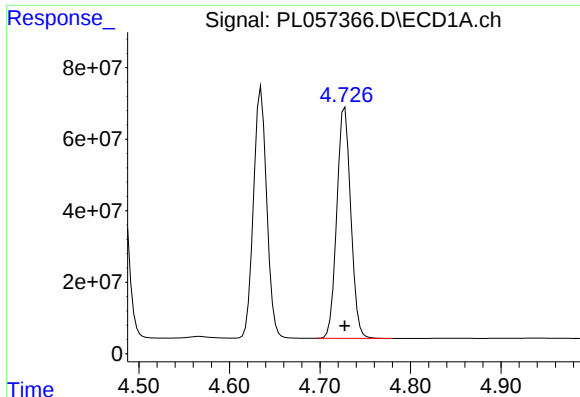
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 735344419  
Conc: 49.51 ng/ml



#4 Heptachlor

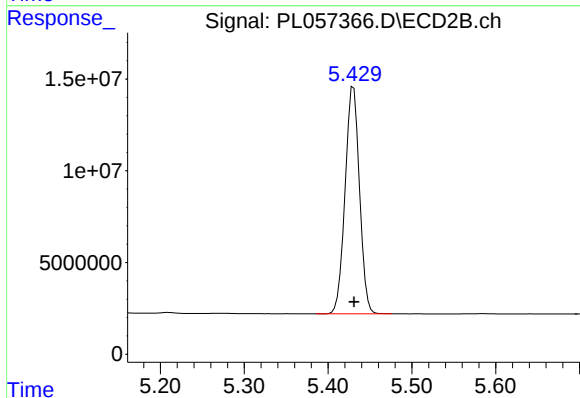
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 153954174  
Conc: 48.91 ng/ml



#5 Aldrin

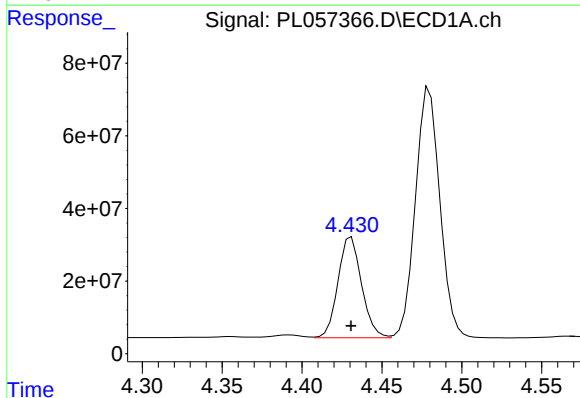
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 691806922  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



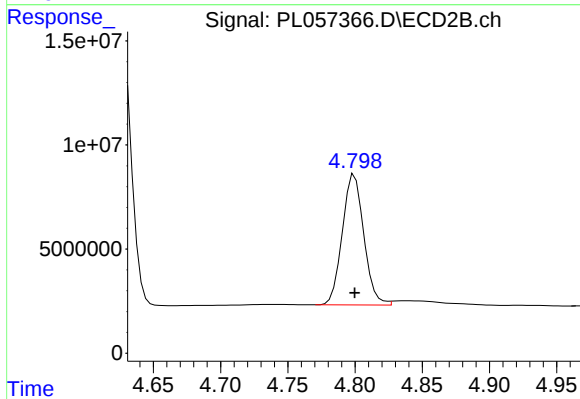
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 147973406  
Conc: 48.50 ng/ml



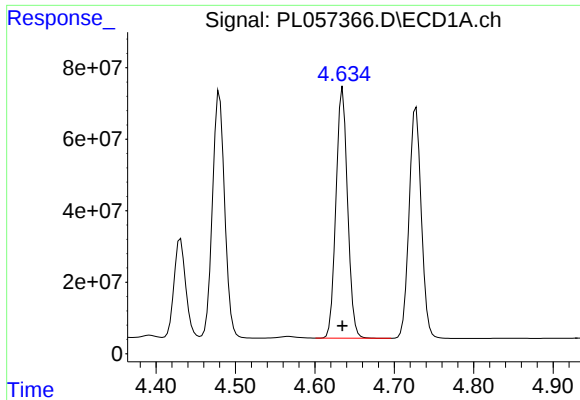
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 284629164  
Conc: 48.41 ng/ml



#6 beta-BHC

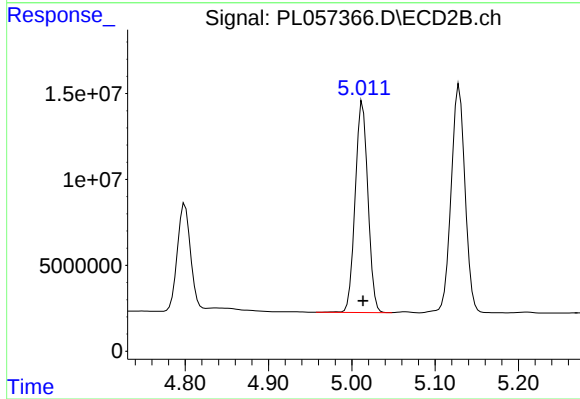
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 69623770  
Conc: 48.27 ng/ml



#7 delta-BHC

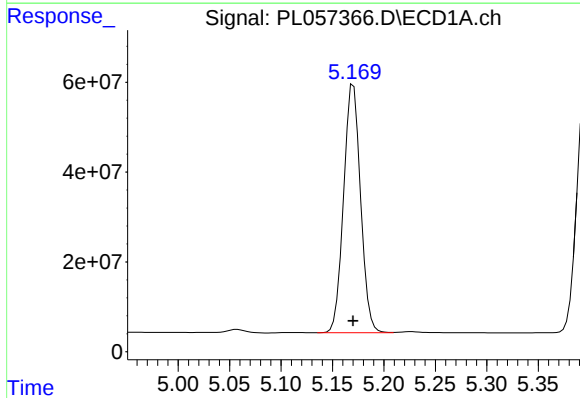
R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 710449478  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



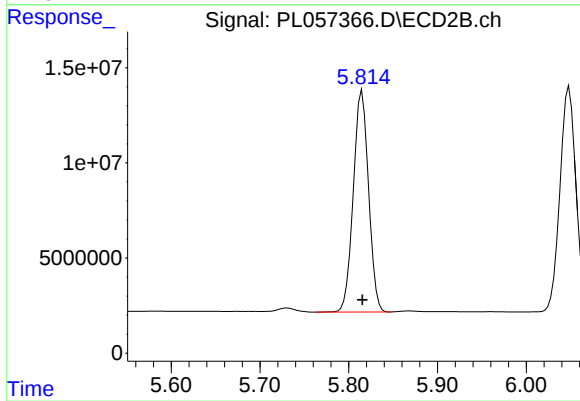
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 130587529  
Conc: 48.92 ng/ml



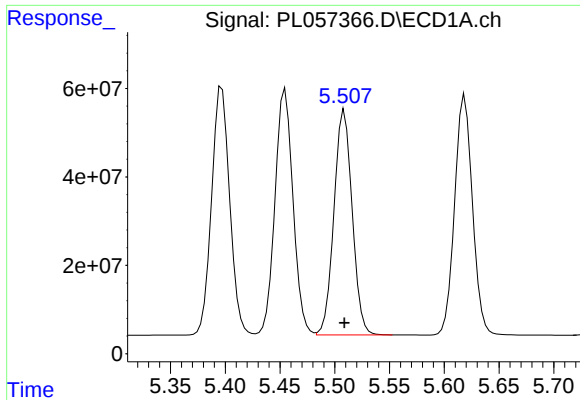
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 634576046  
Conc: 49.51 ng/ml



#8 Heptachlor epoxide

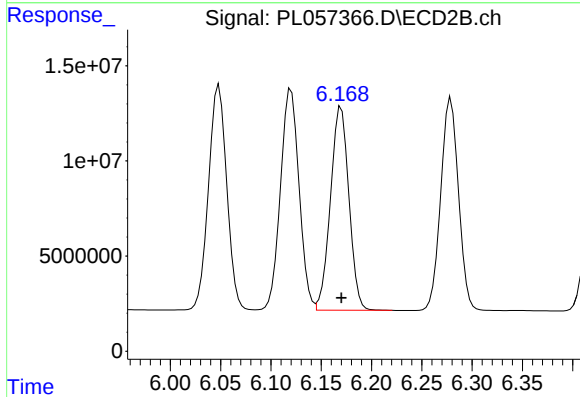
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 139036189  
Conc: 50.95 ng/ml



#9 Endosulfan I

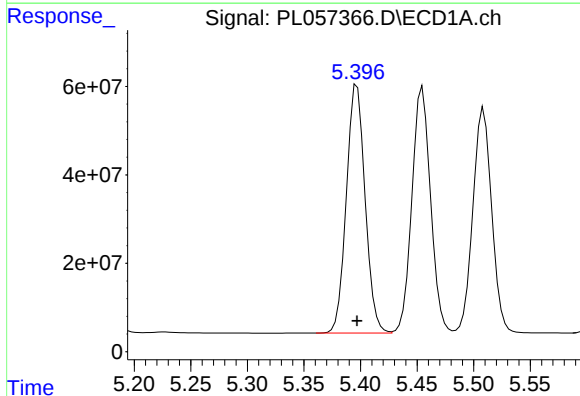
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 588180283  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



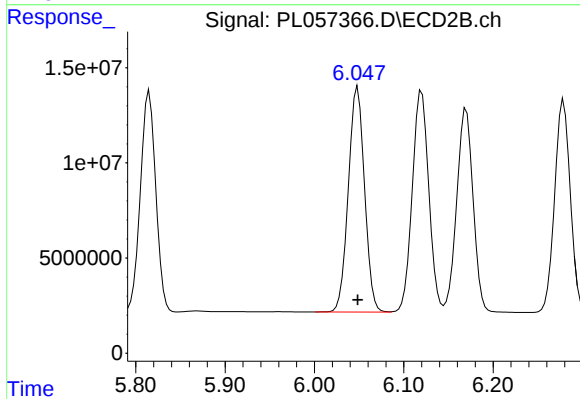
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 136468518  
Conc: 47.96 ng/ml



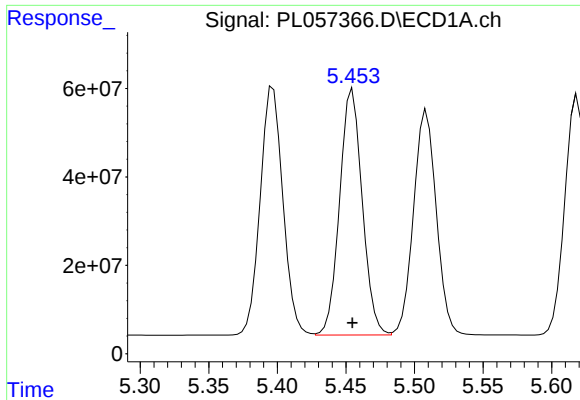
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 647244331  
Conc: 49.63 ng/ml



#10 gamma-Chlordane

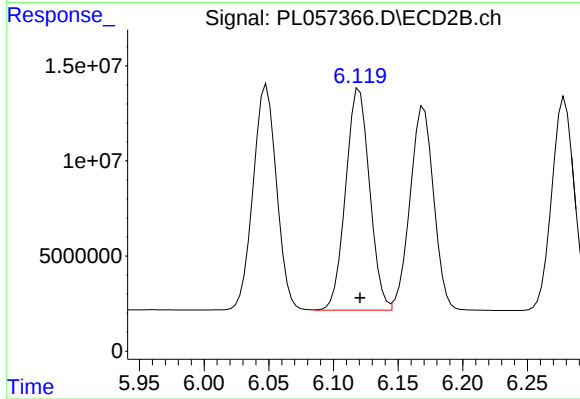
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 149140831  
Conc: 48.39 ng/ml



#11 alpha-Chlordane

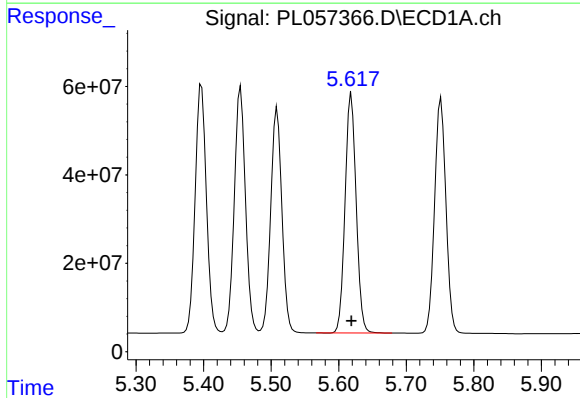
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 638981689  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



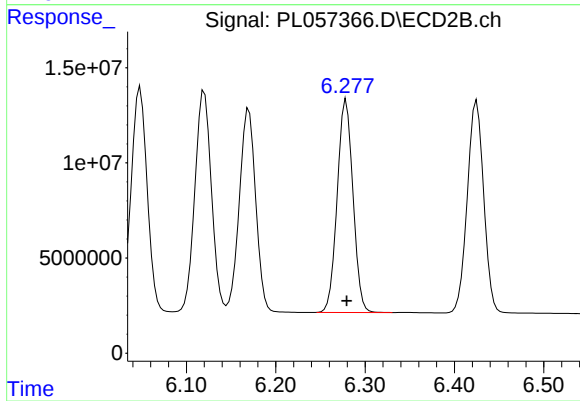
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 149779068  
Conc: 48.12 ng/ml



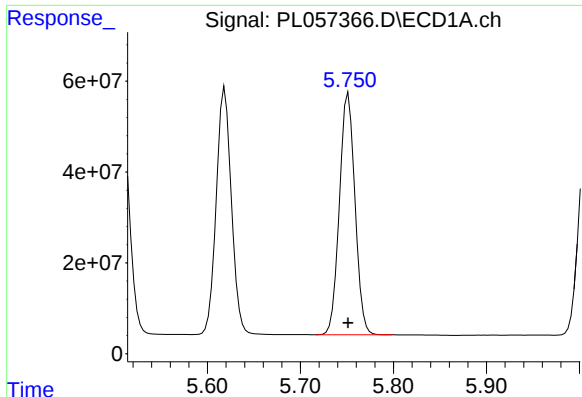
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 614762508  
Conc: 49.36 ng/ml



#12 4,4'-DDE

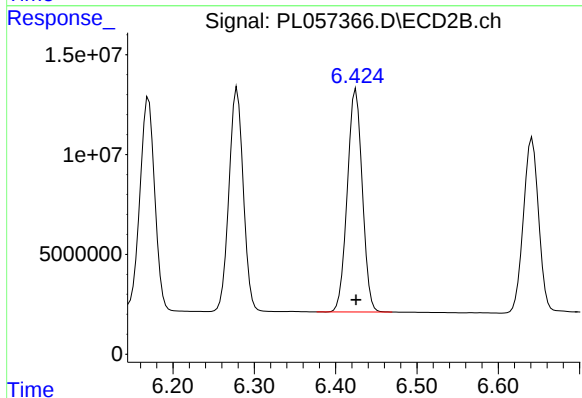
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 137115640  
Conc: 48.24 ng/ml



#13 Dieldrin

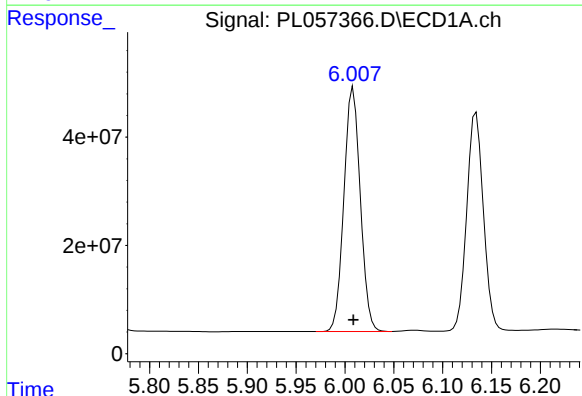
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 617757806  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



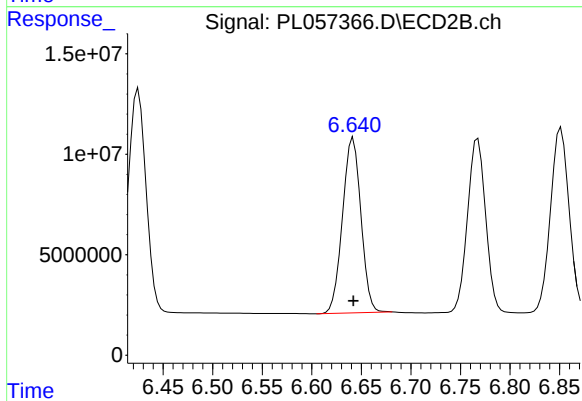
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 142461260  
Conc: 48.16 ng/ml



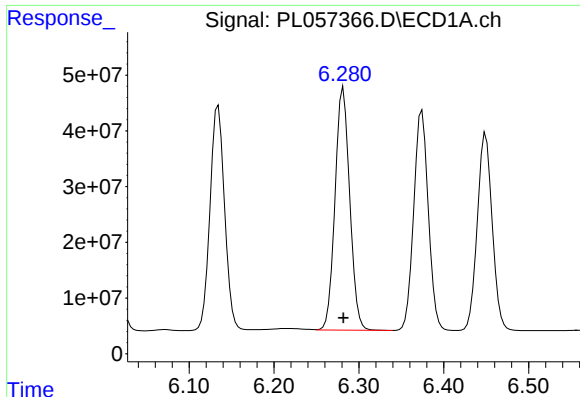
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 527651121  
Conc: 46.16 ng/ml



#14 Endrin

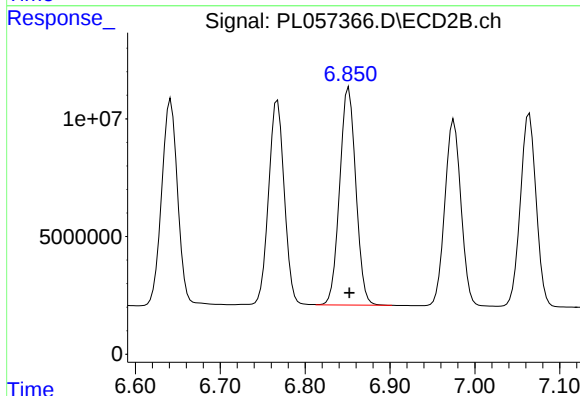
R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 112904266  
Conc: 46.79 ng/ml



#15 Endosulfan II

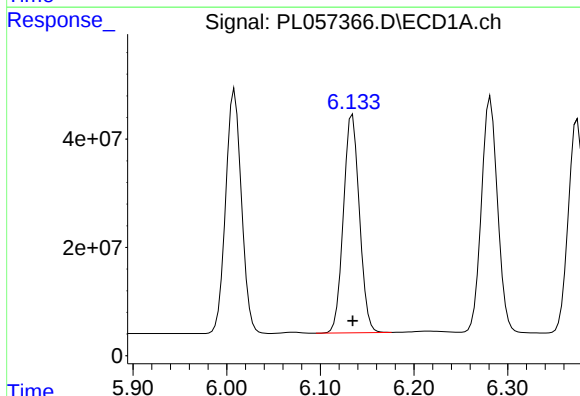
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 523841688  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



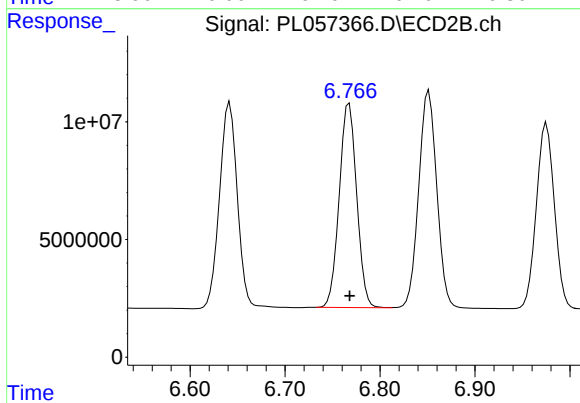
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 122267803  
Conc: 46.55 ng/ml



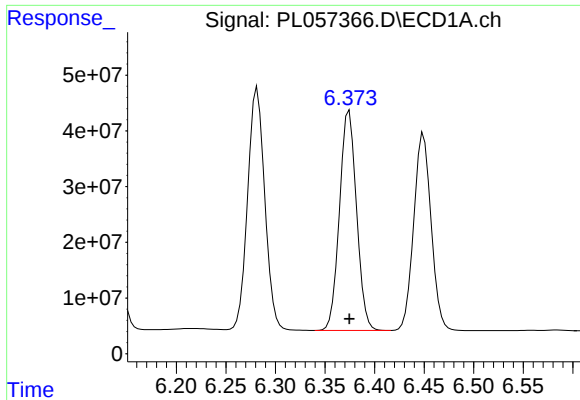
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 478638466  
Conc: 48.83 ng/ml



#16 4,4'-DDD

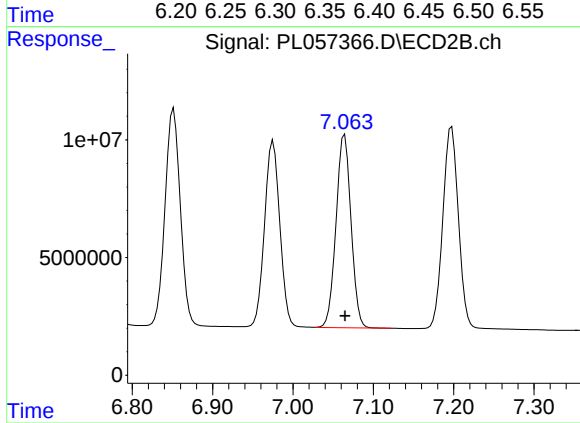
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 110876399  
Conc: 48.55 ng/ml



#17 4,4'-DDT

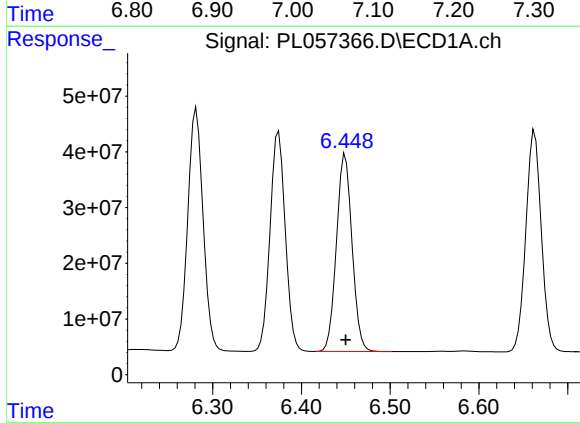
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 472522888  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



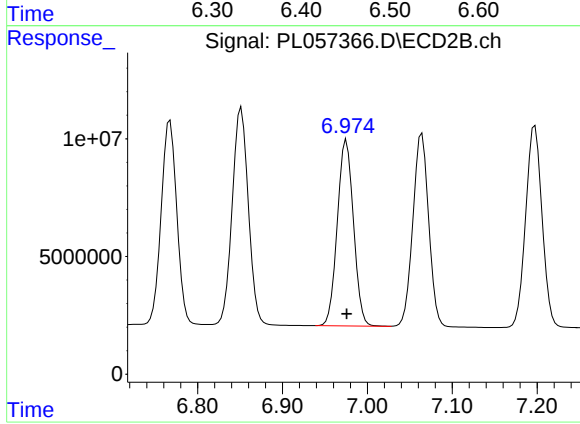
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: 0.000 min  
Response: 106388863  
Conc: 46.71 ng/ml



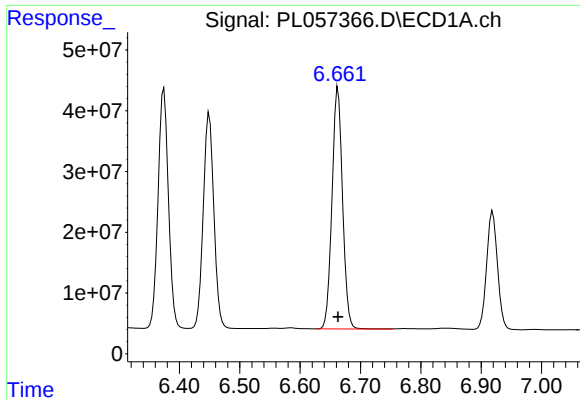
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 432803240  
Conc: 46.86 ng/ml



#18 Endrin aldehyde

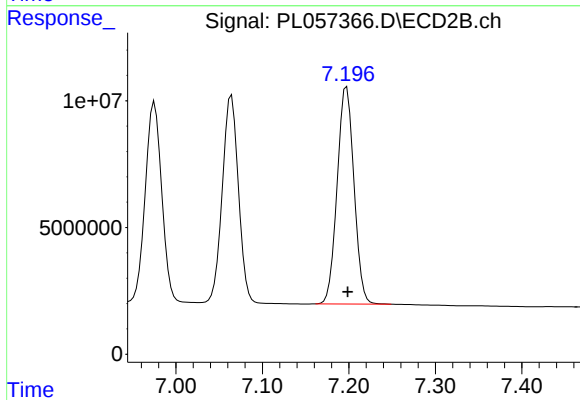
R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 104699420  
Conc: 47.10 ng/ml



#19 Endosulfan Sulfate

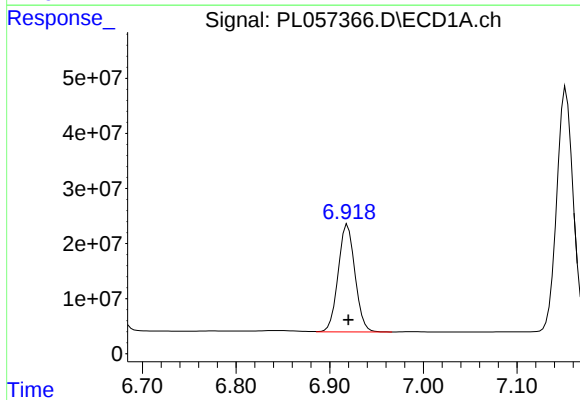
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 484922177  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



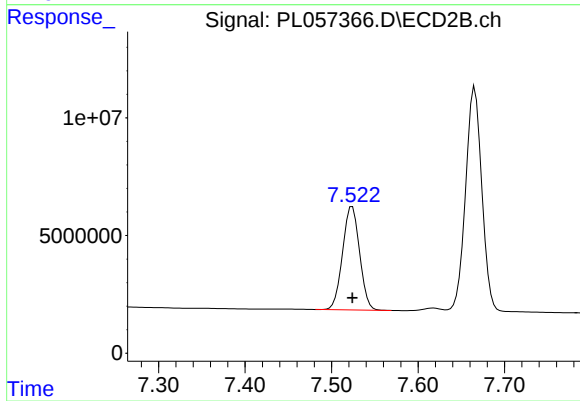
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.001 min  
Response: 115206065  
Conc: 47.23 ng/ml



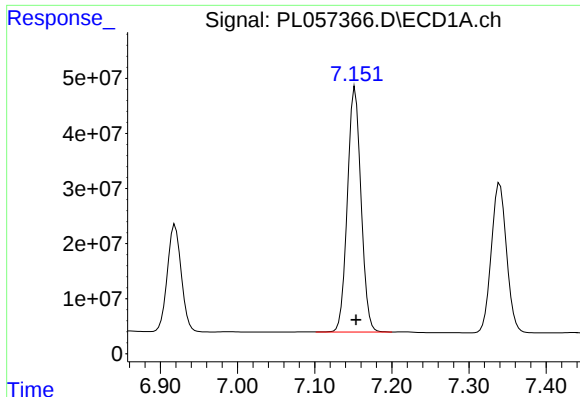
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 243166439  
Conc: 45.32 ng/ml



#20 Methoxychlor

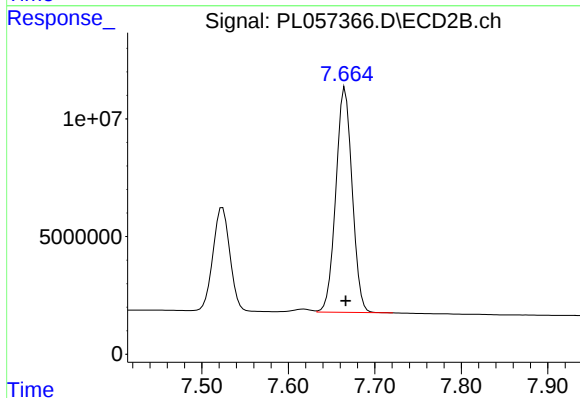
R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 59751625  
Conc: 45.94 ng/ml



#21 Endrin ketone

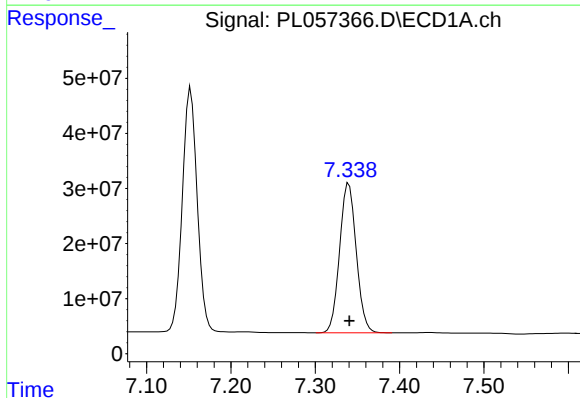
R.T.: 7.152 min  
Delta R.T.: -0.001 min  
Response: 542778571  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



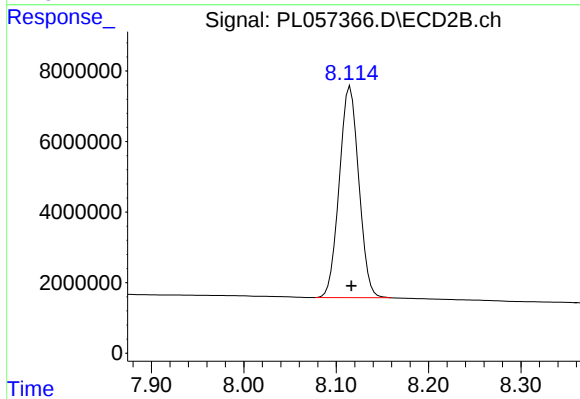
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: 0.000 min  
Response: 124439132  
Conc: 48.07 ng/ml



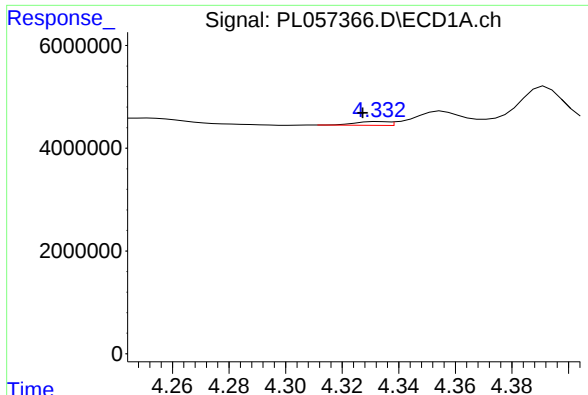
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 372546368  
Conc: 46.00 ng/ml



#22 Mirex

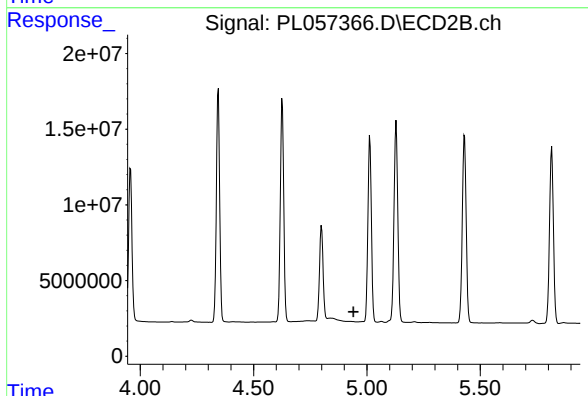
R.T.: 8.115 min  
Delta R.T.: -0.001 min  
Response: 88044675  
Conc: 46.11 ng/ml



#23 Chlordane-1

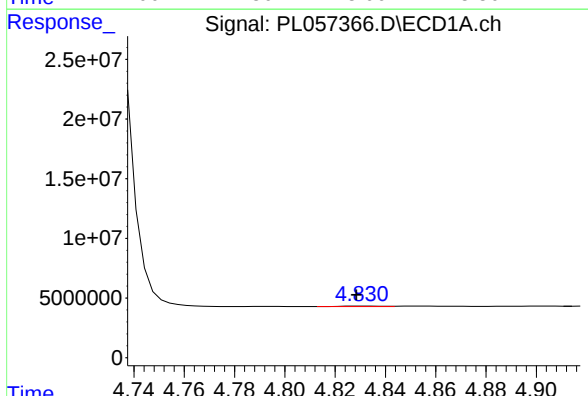
R.T.: 4.334 min  
Delta R.T.: 0.006 min  
Response: 618454  
Conc: 1.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



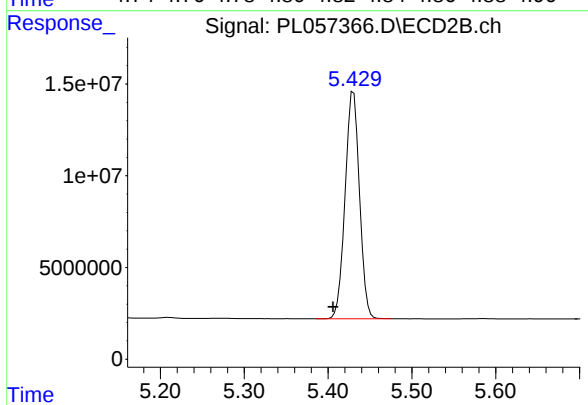
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.941 min  
Response: 0  
Conc: N.D.



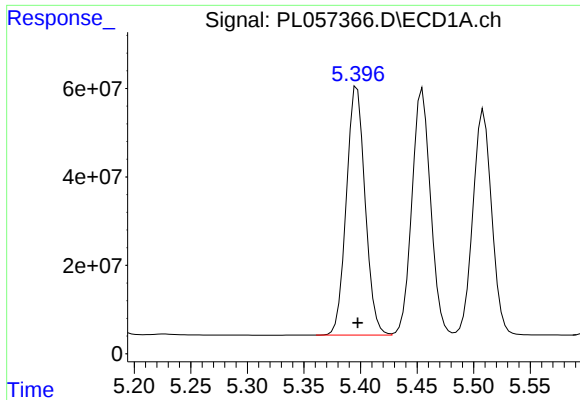
#24 Chlordane-2

R.T.: 4.831 min  
Delta R.T.: 0.002 min  
Response: 473286  
Conc: 1.30 ng/ml



#24 Chlordane-2

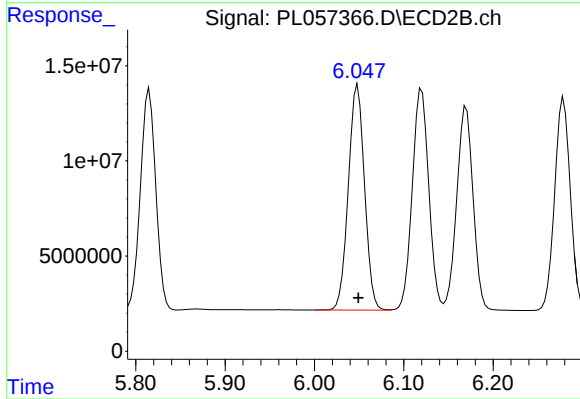
R.T.: 5.430 min  
Delta R.T.: 0.024 min  
Response: 147973406  
Conc: 1570.16 ng/ml



#25 Chlordane-3

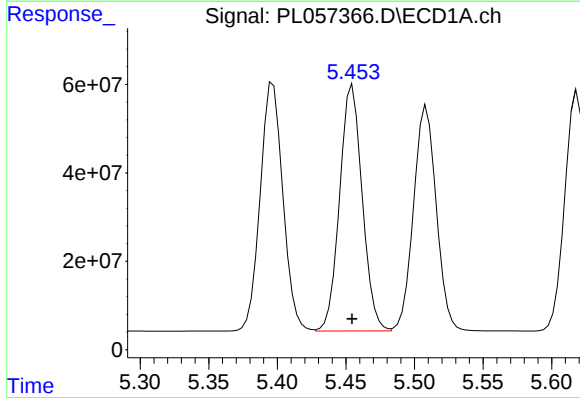
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 647244331  
Conc: 573.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



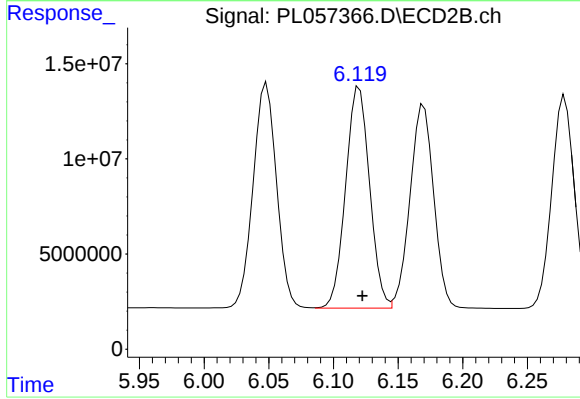
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 149140831  
Conc: 393.30 ng/ml



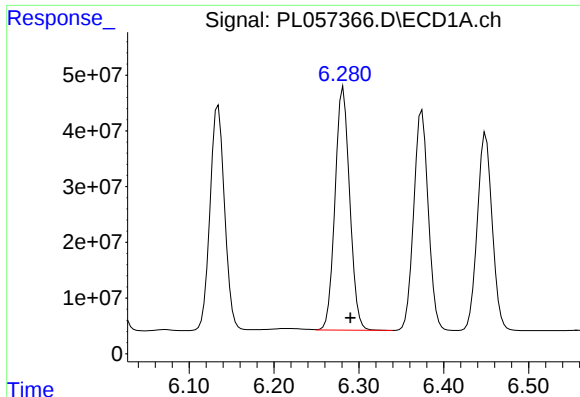
#26 Chlordane-4

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 638981689  
Conc: 666.53 ng/ml



#26 Chlordane-4

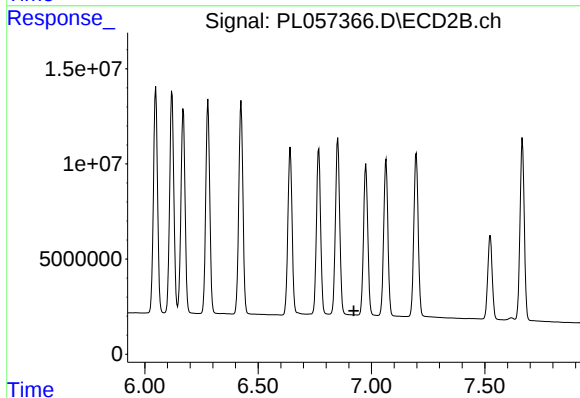
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 149779068  
Conc: 327.25 ng/ml



#27 Chlordane-5

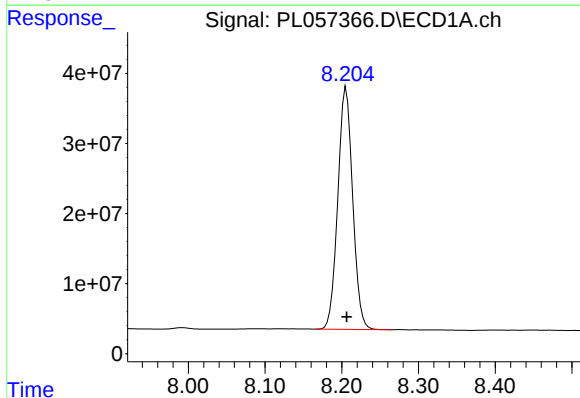
R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 523841688  
Conc: 1439.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



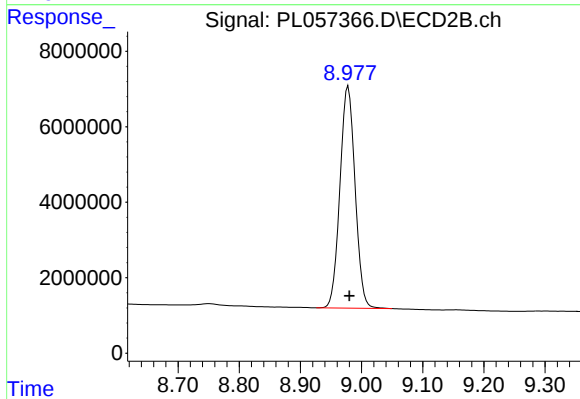
#27 Chlordane-5

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: 465171716  
Conc: 43.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.002 min  
Response: 101168904  
Conc: 45.63 ng/ml