

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100720\  
 Data File : PL062086.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2020 11:01  
 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: Oct 07 13:11:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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... | 3.457 | 4.006  | 88969481 | 136.1E6  | 52.152   | 49.897     |
| 28)                         | SA Decachlor... | 8.210 | 9.095  | 83210278 | 115.3E6  | 51.151   | 52.384     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.893 | 4.396  | 129.4E6  | 206.2E6  | 53.100   | 51.626     |
| 3)                          | MA gamma-BHC... | 4.176 | 4.681  | 116.1E6  | 189.4E6  | 53.067   | 51.154     |
| 4)                          | MA Heptachlor   | 4.478 | 5.192  | 103.6E6  | 177.6E6  | 50.751   | 51.273     |
| 5)                          | MB Aldrin       | 4.726 | 5.499  | 96068846 | 168.4E6  | 53.244   | 51.983     |
| 6)                          | B beta-BHC      | 4.428 | 4.853  | 47877242 | 76024102 | 52.421   | 50.348     |
| 7)                          | B delta-BHC     | 4.632 | 5.070  | 107.3E6  | 166.3E6  | 52.338   | 65.255     |
| 8)                          | B Heptachlo...  | 5.169 | 5.886  | 92679802 | 153.9E6  | 53.085   | 62.101     |
| 9)                          | A Endosulfan I  | 5.507 | 6.244  | 85884736 | 140.9E6  | 53.001   | 51.004     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.122  | 91956917 | 155.2E6  | 52.950   | 52.837     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.194  | 91914709 | 153.8E6  | 52.914   | 51.193     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.352  | 84003593 | 140.4E6  | 53.449   | 51.449     |
| 13)                         | MA Dieldrin     | 5.750 | 6.502  | 89083936 | 143.5E6  | 52.966   | 50.599     |
| 14)                         | MA Endrin       | 6.007 | 6.721  | 69827992 | 102.1E6  | 43.884   | 41.862     |
| 15)                         | B Endosulfa...  | 6.280 | 6.931  | 81891560 | 123.1E6  | 50.650   | 47.633     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.844  | 77249303 | 119.3E6  | 58.344   | 53.660     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.144  | 58184811 | 92479459 | 46.124   | 42.232     |
| 18)                         | B Endrin al...  | 6.448 | 7.055  | 71321759 | 108.1E6  | 50.720   | 50.480     |
| 19)                         | B Endosulfa...  | 6.660 | 7.279  | 79224987 | 116.0E6  | 51.210   | 49.551     |
| 20)                         | A Methoxychlor  | 6.921 | 7.604  | 35751153 | 52712868 | 44.218   | 41.836     |
| 21)                         | B Endrin ke...  | 7.150 | 7.751  | 99063735 | 130.3E6  | 57.966   | 55.498     |
| 22)                         | Mirex           | 7.339 | 8.206  | 70379683 | 91882400 | 50.203   | 52.148     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 168.4E6  | N.D.     | 1636.443 # |
| 25)                         | Chlordane-3     | 5.396 | 6.122  | 91956917 | 155.2E6  | 585.035  | 423.439 #  |
| 26)                         | Chlordane-4     | 5.454 | 6.194  | 91914709 | 153.8E6  | 704.481  | 342.516 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 81891560 | 0        | 1501.871 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

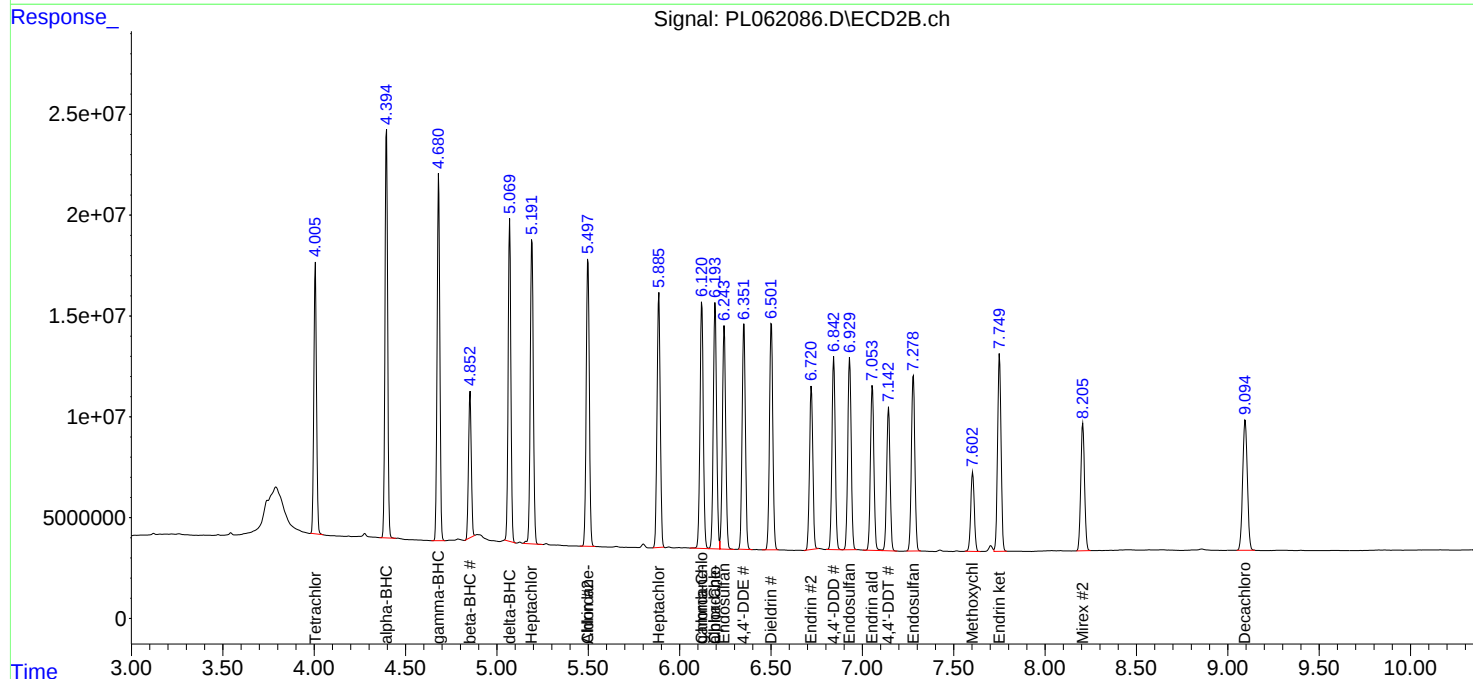
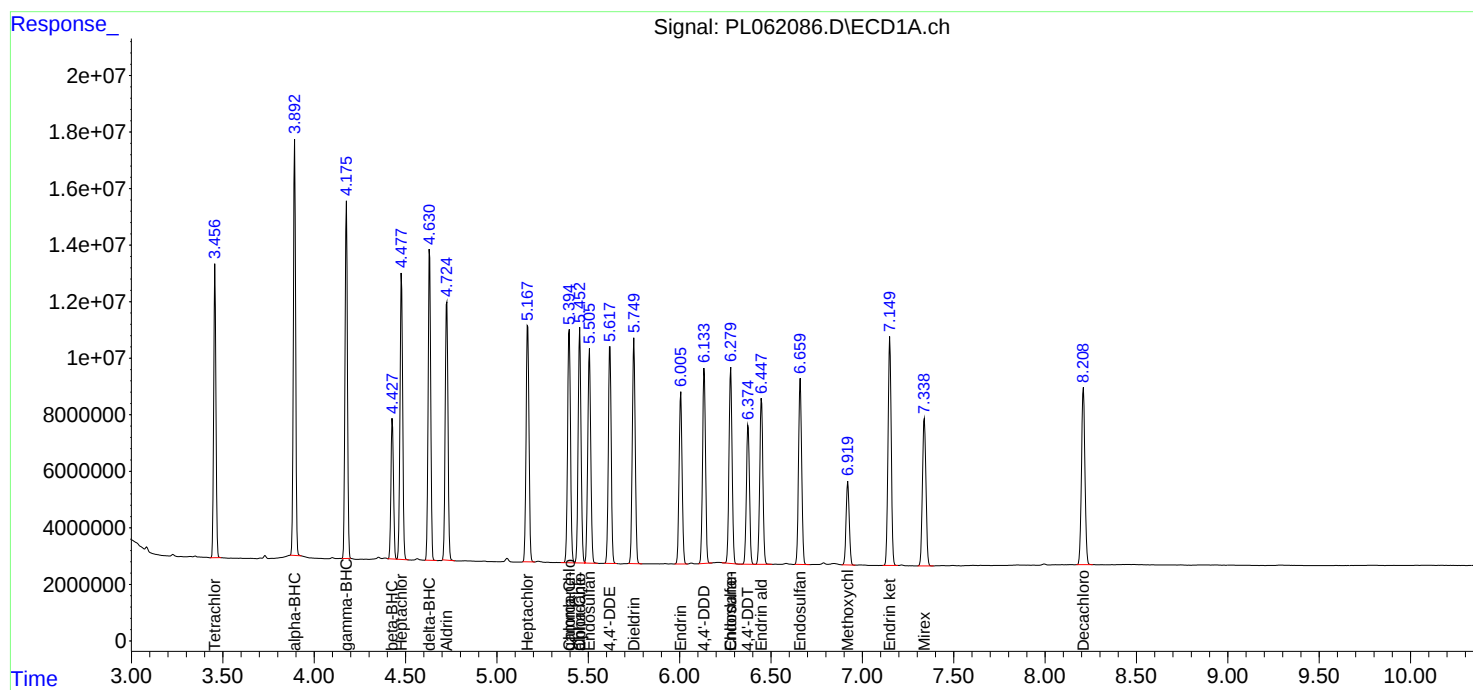
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

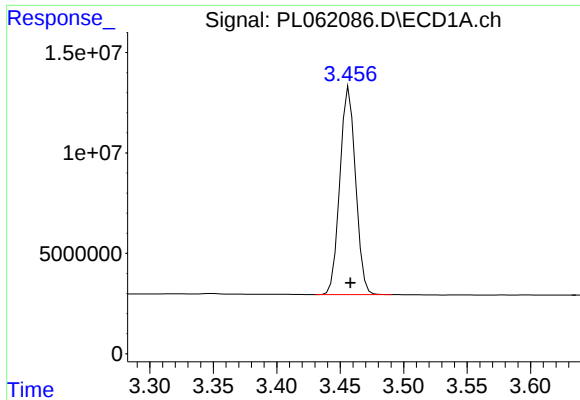
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100720\  
Data File : PL062086.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Oct 2020 11:01  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 07 13:11:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 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

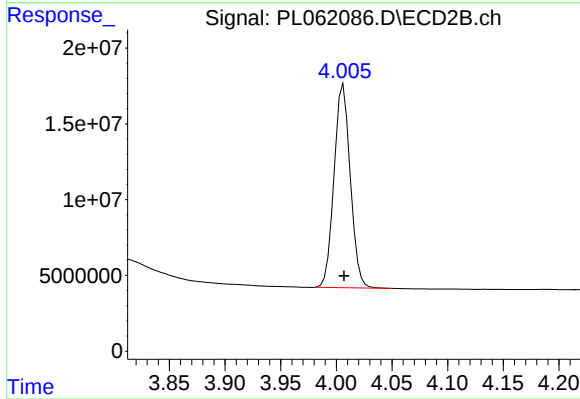




#1 Tetrachloro-m-xylene

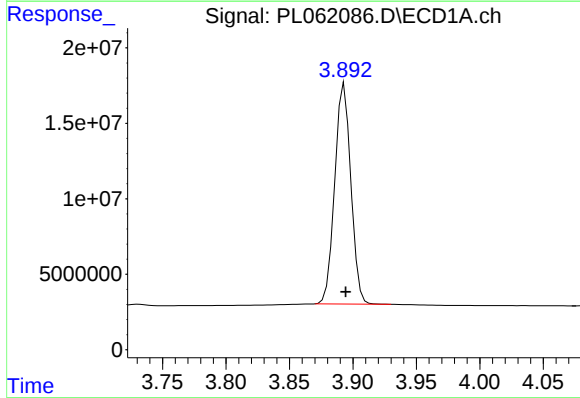
R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 88969481  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



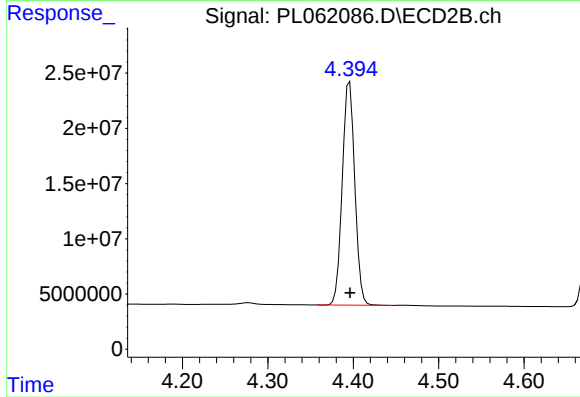
#1 Tetrachloro-m-xylene

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 136131890  
Conc: 49.90 ng/ml



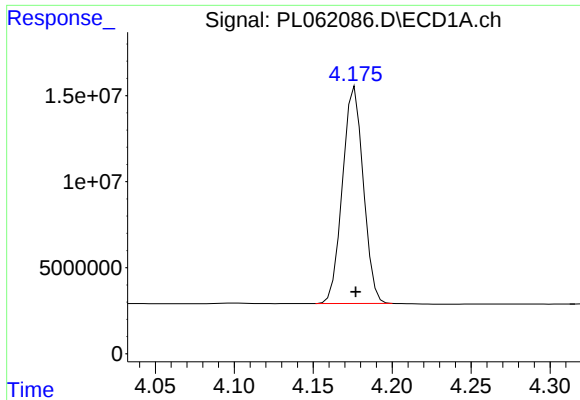
#2 alpha-BHC

R.T.: 3.893 min  
Delta R.T.: -0.001 min  
Response: 129426547  
Conc: 53.10 ng/ml



#2 alpha-BHC

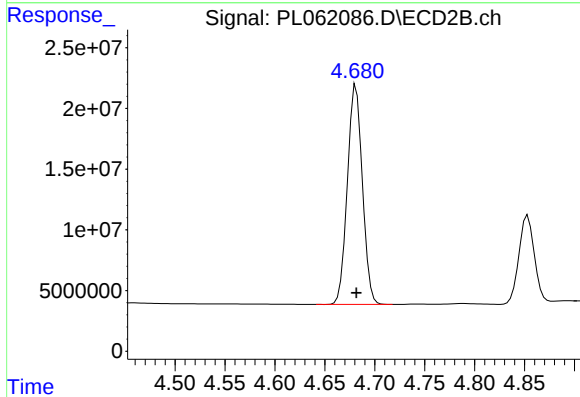
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 206209390  
Conc: 51.63 ng/ml



#3 gamma-BHC (Lindane)

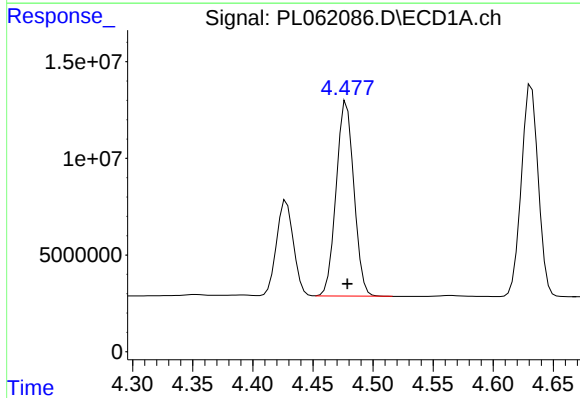
R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 116069061  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



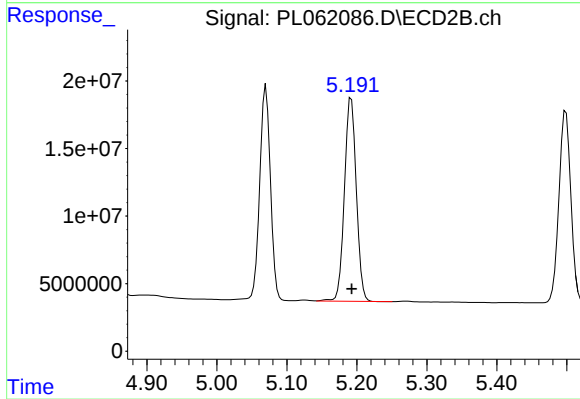
#3 gamma-BHC (Lindane)

R.T.: 4.681 min  
Delta R.T.: 0.000 min  
Response: 189366963  
Conc: 51.15 ng/ml



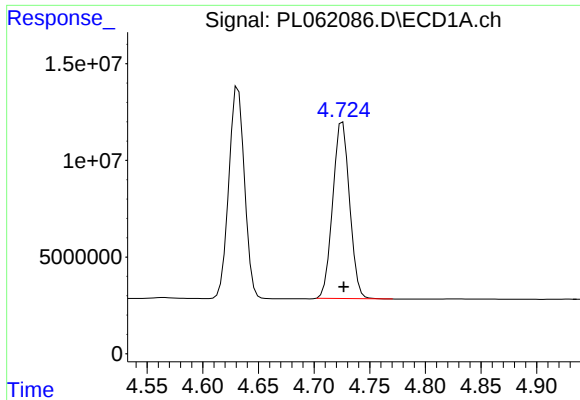
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 103565742  
Conc: 50.75 ng/ml



#4 Heptachlor

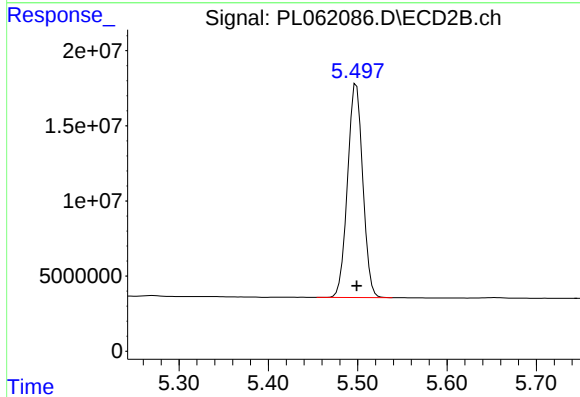
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 177552068  
Conc: 51.27 ng/ml



#5 Aldrin

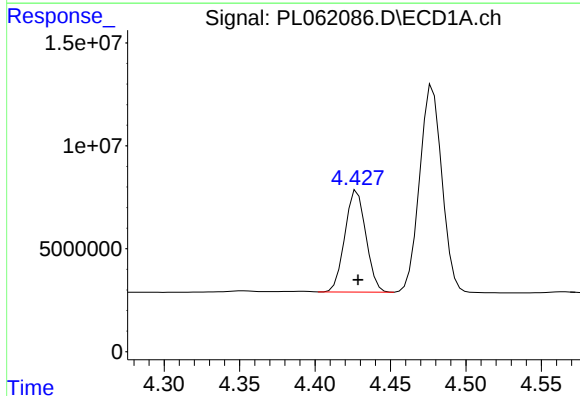
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 96068846  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



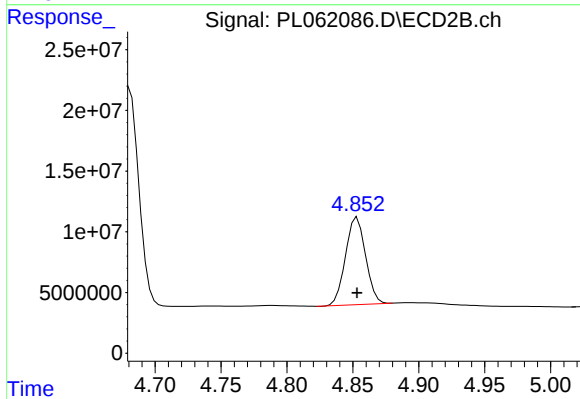
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 168397926  
Conc: 51.98 ng/ml



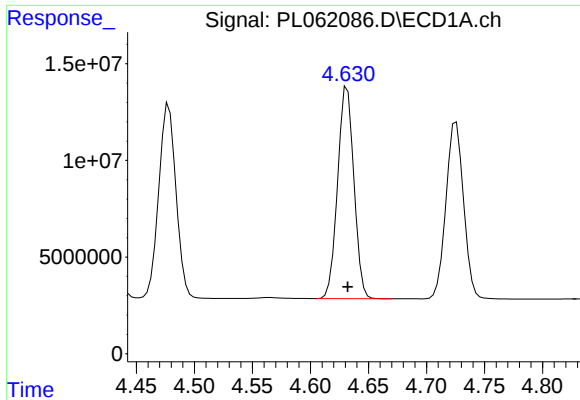
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 47877242  
Conc: 52.42 ng/ml



#6 beta-BHC

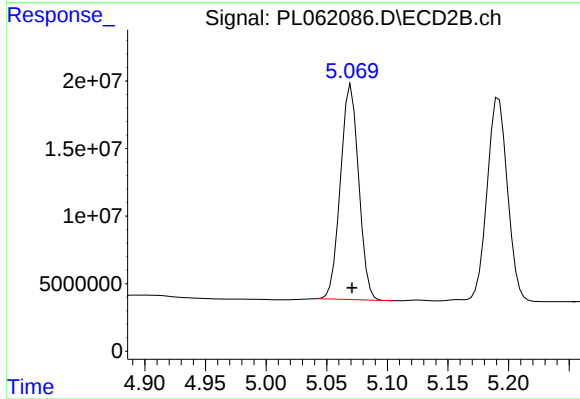
R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 76024102  
Conc: 50.35 ng/ml



#7 delta-BHC

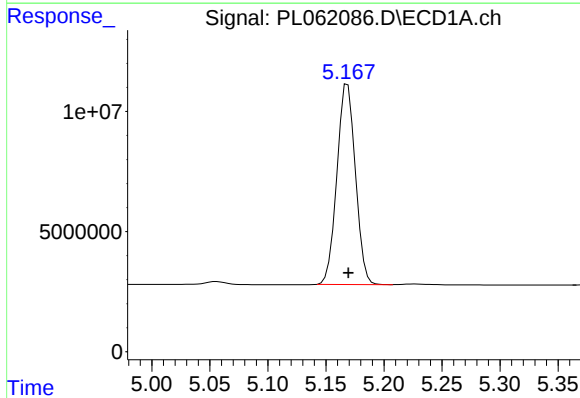
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 107303791  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



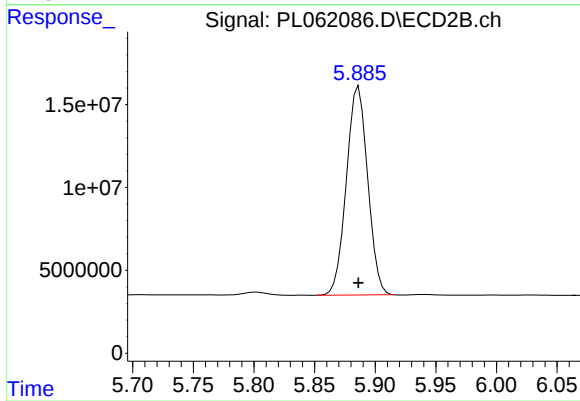
#7 delta-BHC

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 166275000  
Conc: 65.25 ng/ml



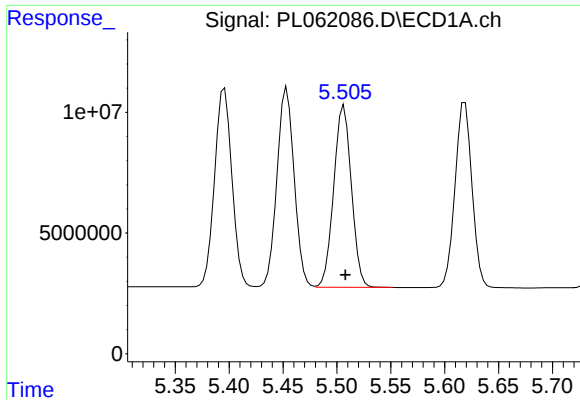
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 92679802  
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

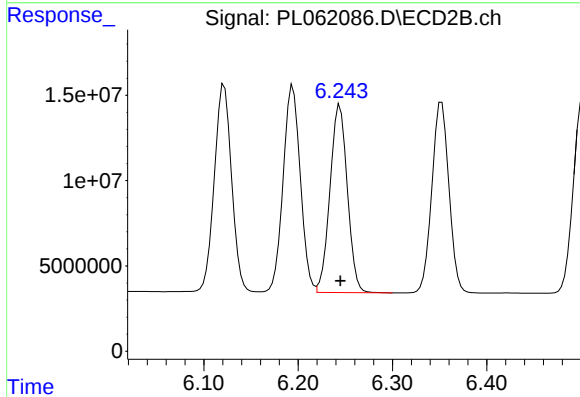
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 153908744  
Conc: 62.10 ng/ml



#9 Endosulfan I

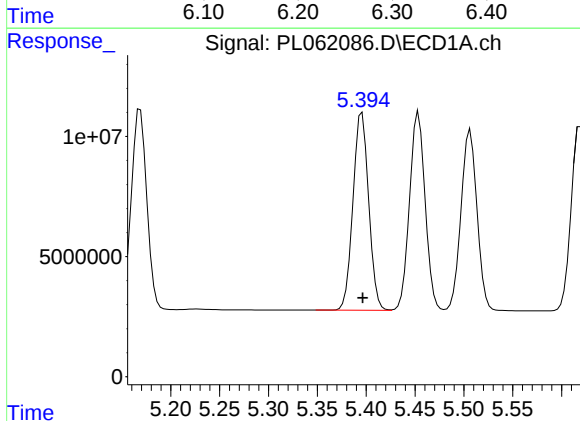
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 85884736  
Conc: 53.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



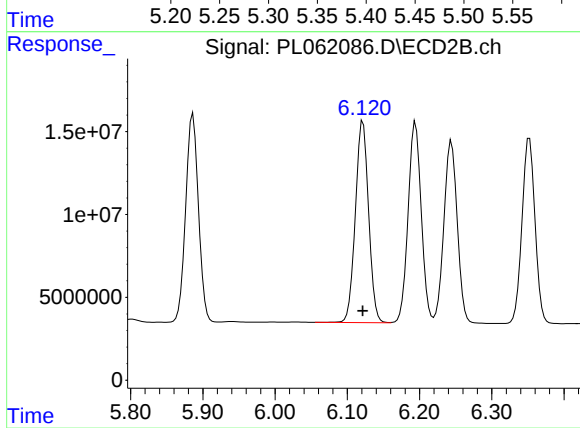
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 140898036  
Conc: 51.00 ng/ml



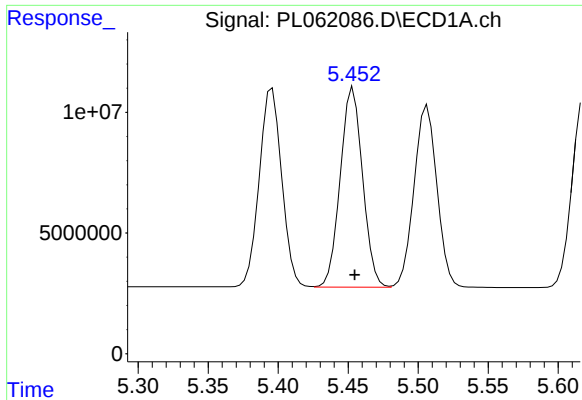
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 91956917  
Conc: 52.95 ng/ml



#10 gamma-Chlordane

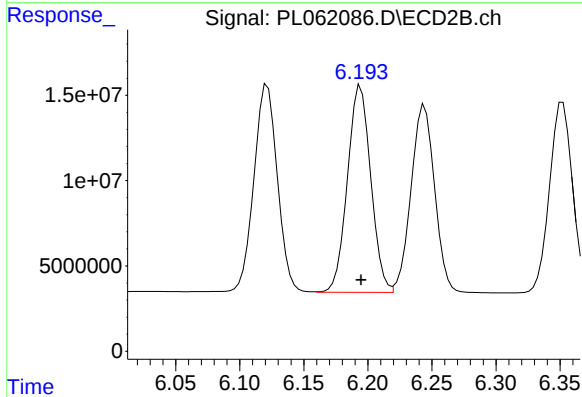
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 155164017  
Conc: 52.84 ng/ml



#11 alpha-Chlordane

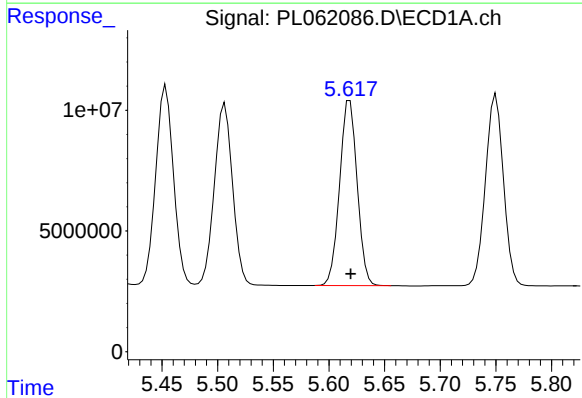
R.T.: 5.454 min  
Delta R.T.: -0.001 min  
Response: 91914709  
Conc: 52.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



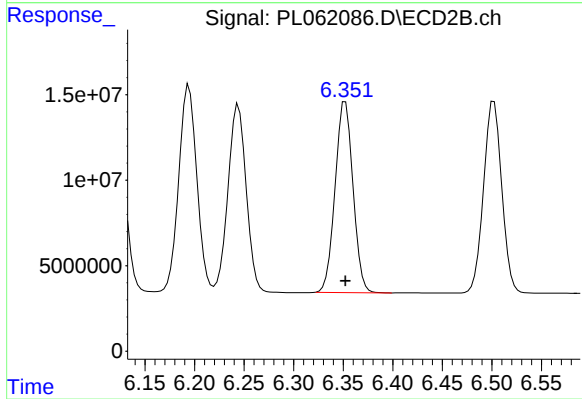
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 153761010  
Conc: 51.19 ng/ml



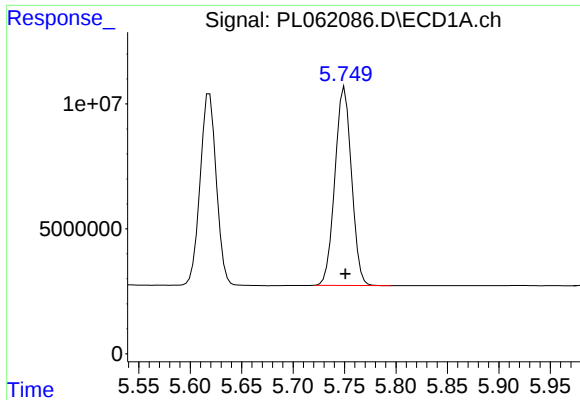
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 84003593  
Conc: 53.45 ng/ml



#12 4,4'-DDE

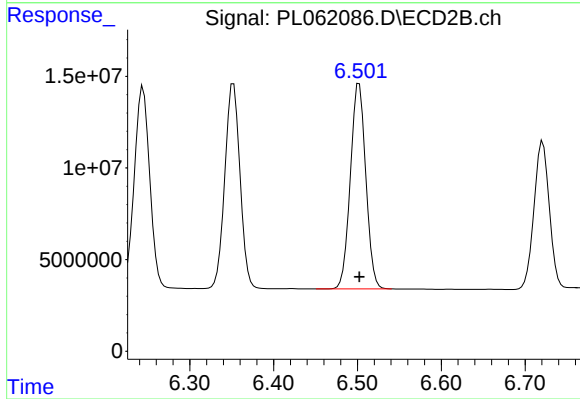
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 140446601  
Conc: 51.45 ng/ml



#13 Dieldrin

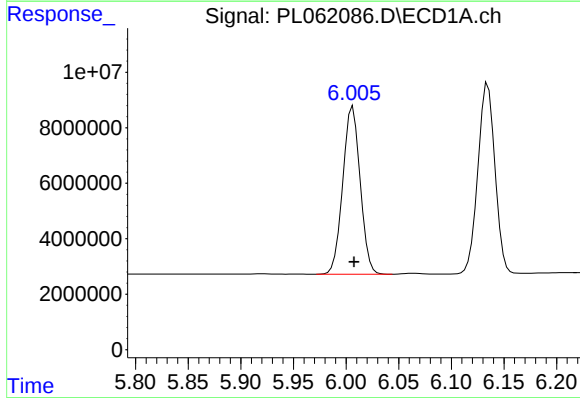
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 89083936  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



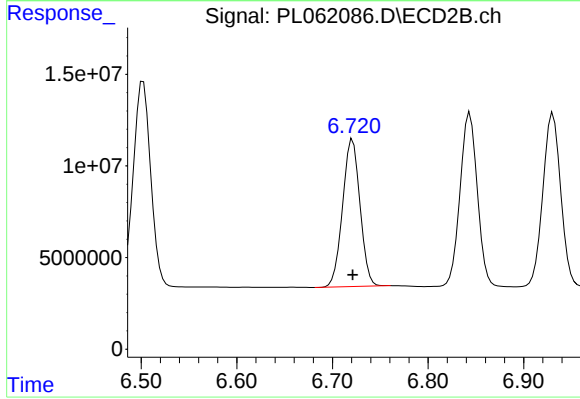
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 143545960  
Conc: 50.60 ng/ml



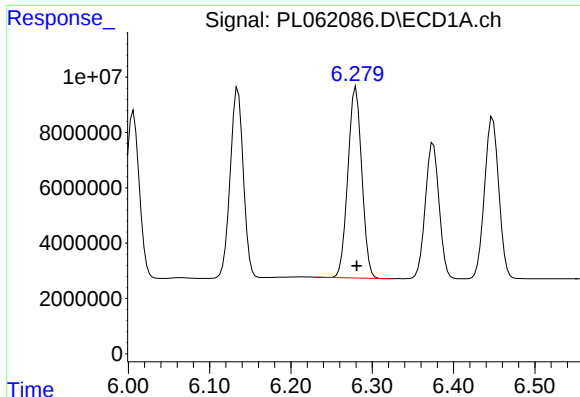
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: -0.001 min  
Response: 69827992  
Conc: 43.88 ng/ml



#14 Endrin

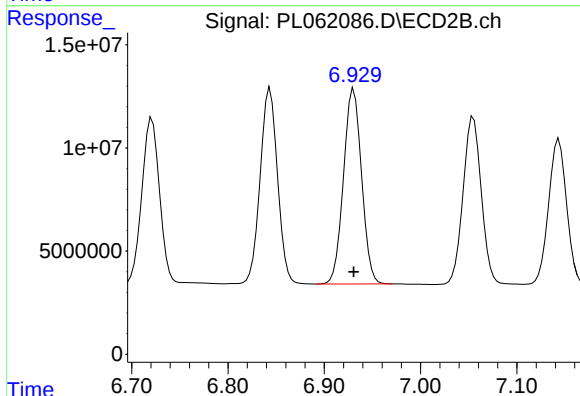
R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 102125148  
Conc: 41.86 ng/ml



#15 Endosulfan II

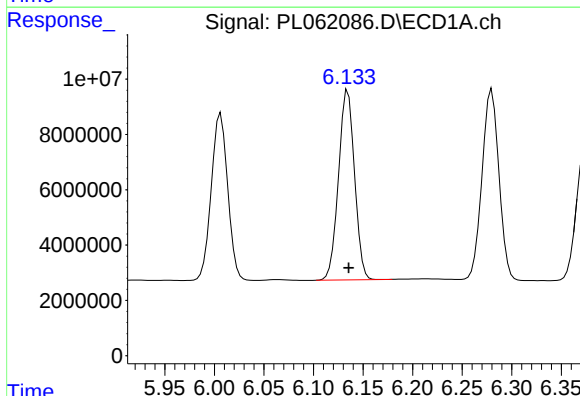
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 81891560  
Conc: 50.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



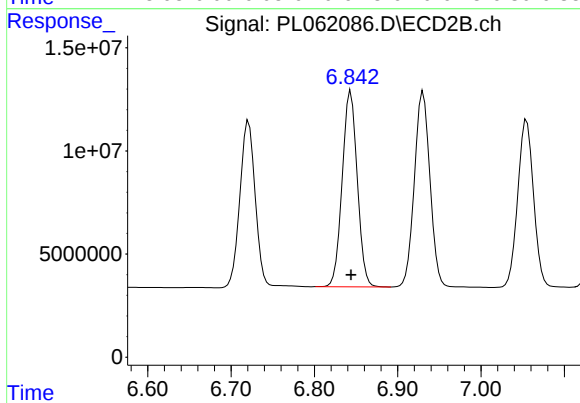
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 123117695  
Conc: 47.63 ng/ml



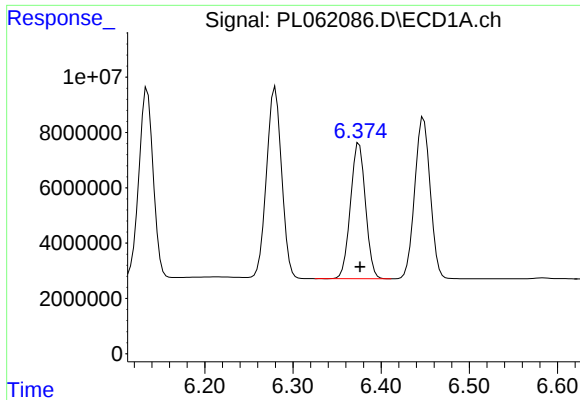
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 77249303  
Conc: 58.34 ng/ml



#16 4,4'-DDD

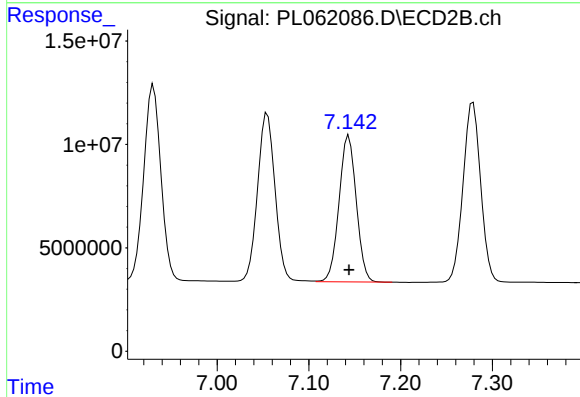
R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 119289993  
Conc: 53.66 ng/ml



#17 4,4'-DDT

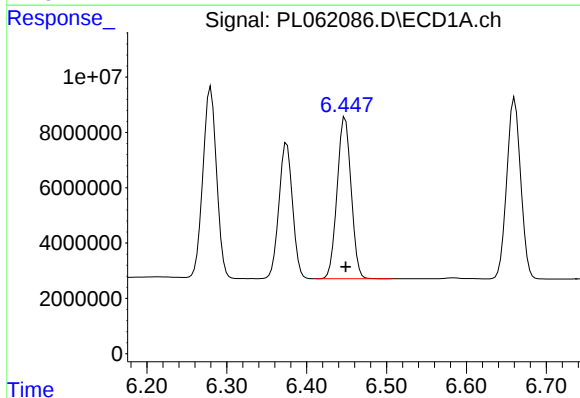
R.T.: 6.375 min  
Delta R.T.: -0.001 min  
Response: 58184811  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



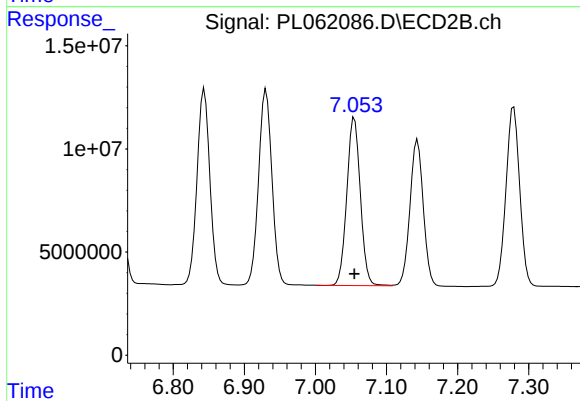
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 92479459  
Conc: 42.23 ng/ml



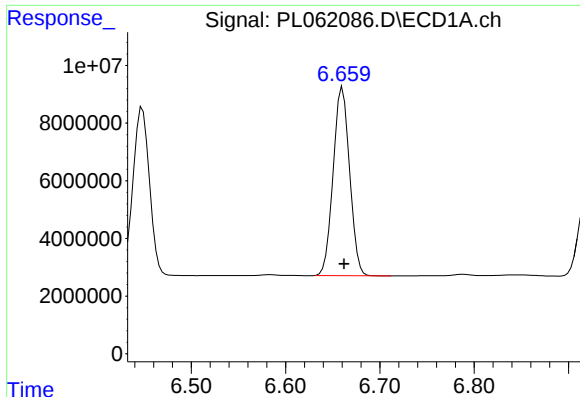
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 71321759  
Conc: 50.72 ng/ml



#18 Endrin aldehyde

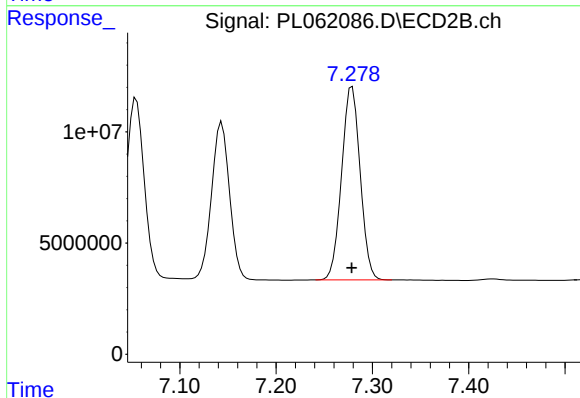
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 108050043  
Conc: 50.48 ng/ml



#19 Endosulfan Sulfate

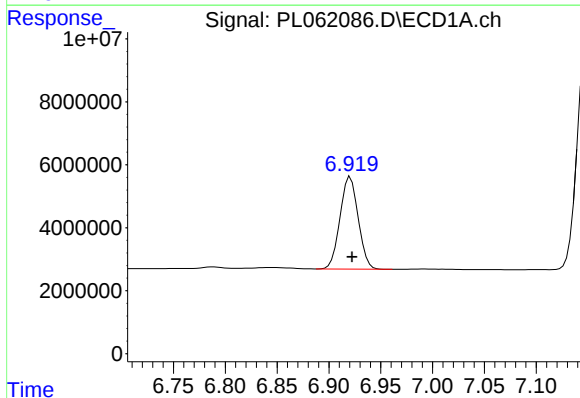
R.T.: 6.660 min  
Delta R.T.: -0.001 min  
Response: 79224987  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



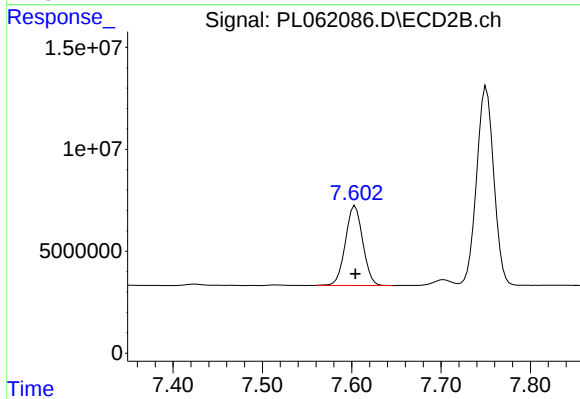
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 116027550  
Conc: 49.55 ng/ml



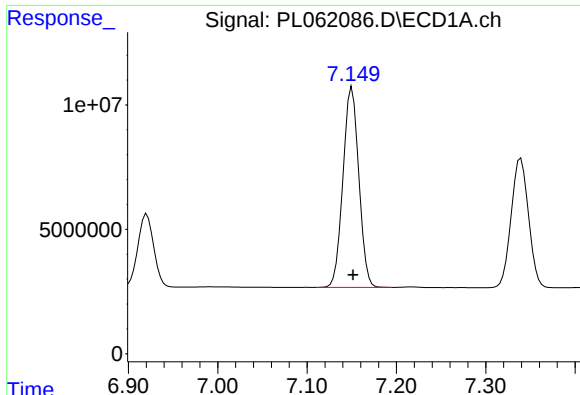
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 35751153  
Conc: 44.22 ng/ml



#20 Methoxychlor

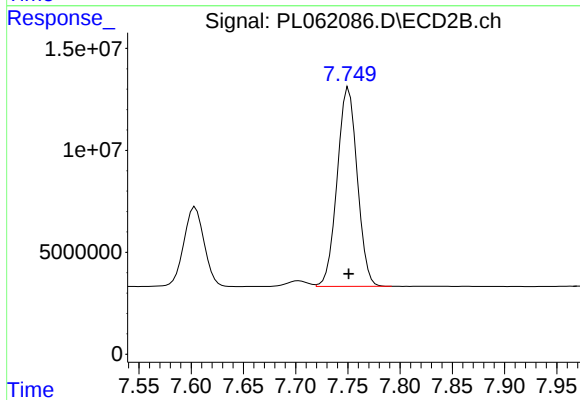
R.T.: 7.604 min  
Delta R.T.: 0.000 min  
Response: 52712868  
Conc: 41.84 ng/ml



#21 Endrin ketone

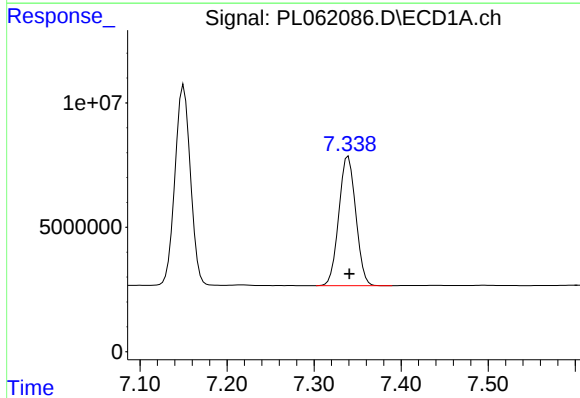
R.T.: 7.150 min  
Delta R.T.: -0.001 min  
Response: 99063735  
Conc: 57.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



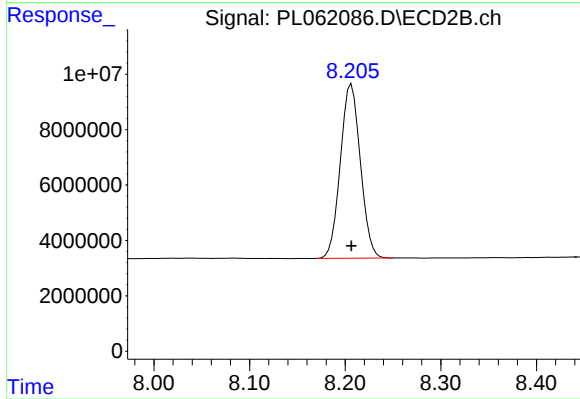
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 130255850  
Conc: 55.50 ng/ml



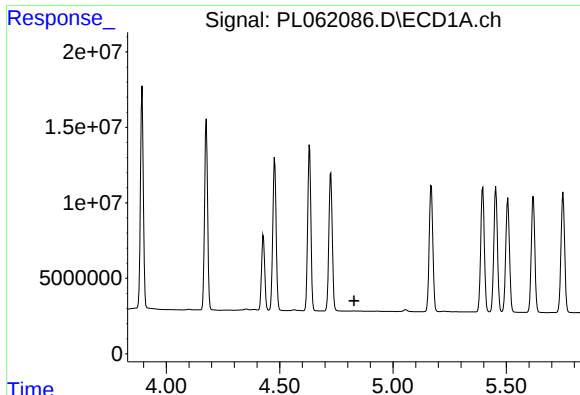
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.001 min  
Response: 70379683  
Conc: 50.20 ng/ml



#22 Mirex

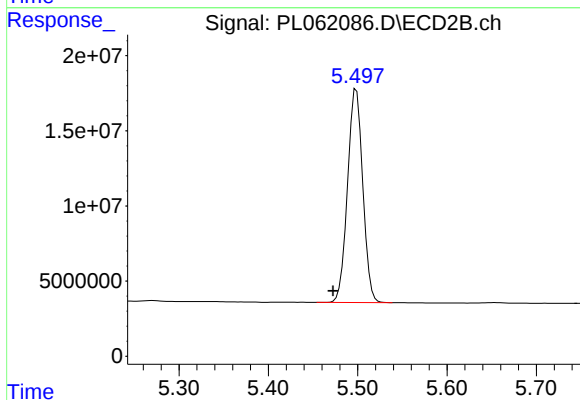
R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 91882400  
Conc: 52.15 ng/ml



#24 Chlordane-2

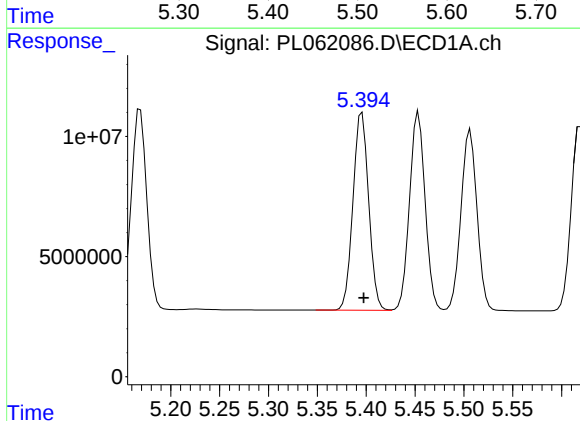
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



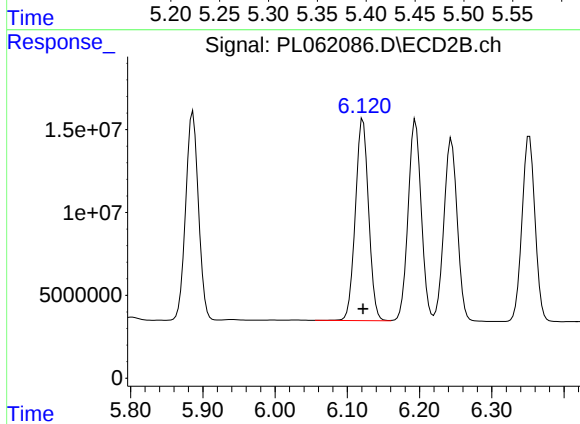
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.026 min  
Response: 168397926  
Conc: 1636.44 ng/ml



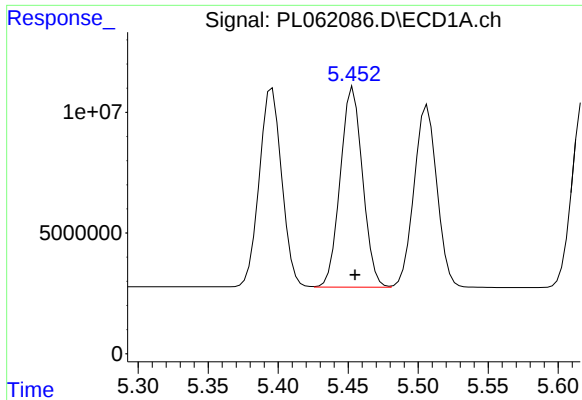
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 91956917  
Conc: 585.04 ng/ml



#25 Chlordane-3

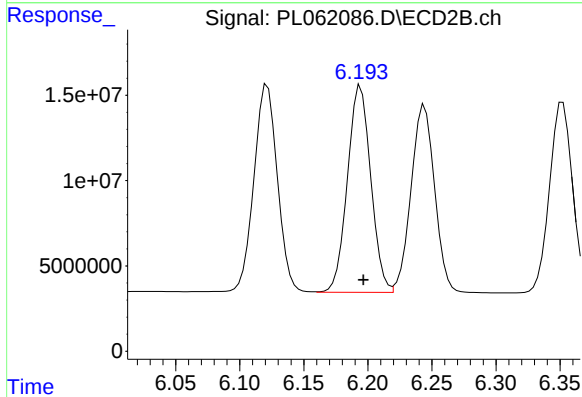
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 155164017  
Conc: 423.44 ng/ml



#26 Chlordane-4

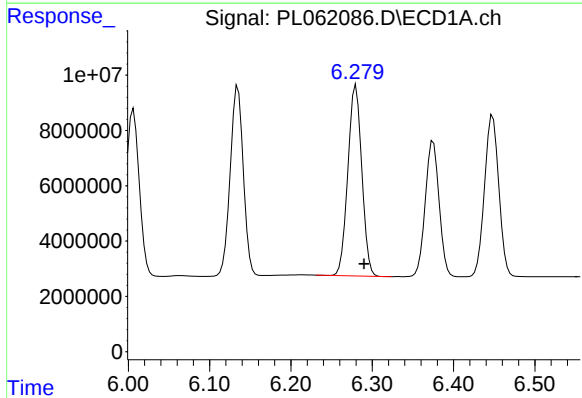
R.T.: 5.454 min  
Delta R.T.: -0.001 min  
Response: 91914709  
Conc: 704.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



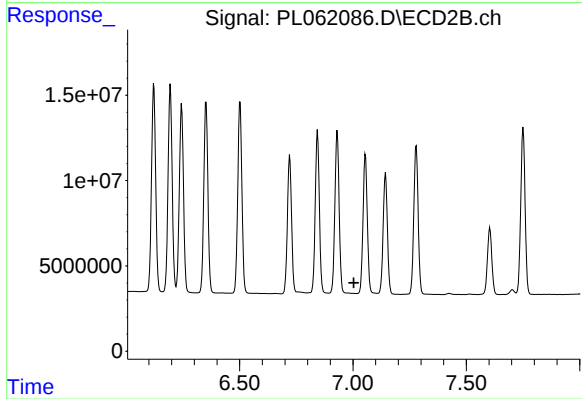
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 153761010  
Conc: 342.52 ng/ml



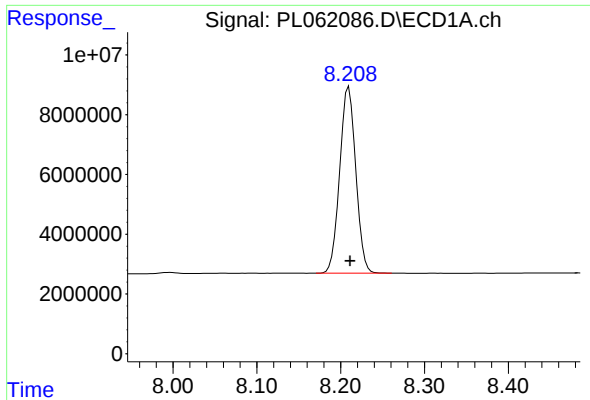
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 81891560  
Conc: 1501.87 ng/ml



#27 Chlordane-5

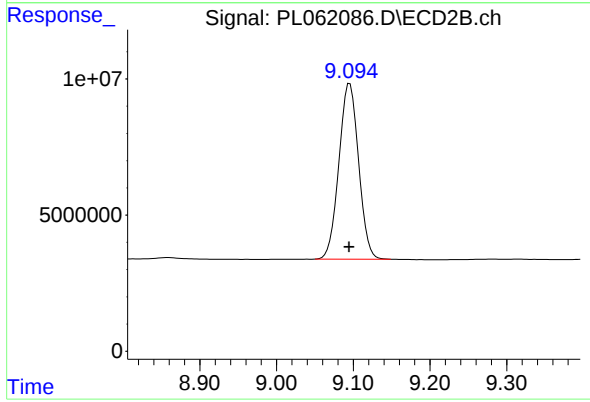
R.T.: 0.000 min  
Exp R.T.: 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: -0.002 min  
Response: 83210278  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.000 min  
Response: 115315321  
Conc: 52.38 ng/ml