

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103020\  
 Data File : PL062707.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2020 10:07  
 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 30 14:11:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.412  | 3.951  | 87661656 | 152.3E6  | 50.964   | 51.828     |
| 28)                         | SA Decachlor... | 8.128  | 8.991  | 89117917 | 112.2E6  | 55.550   | 53.587     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.843  | 4.338  | 128.5E6  | 234.2E6  | 50.411   | 52.699     |
| 3)                          | MA gamma-BHC... | 4.123  | 4.620  | 114.6E6  | 215.7E6  | 49.486   | 51.651     |
| 4)                          | MA Heptachlor   | 4.420  | 5.126  | 102.7E6  | 195.0E6  | 47.841   | 48.904     |
| 5)                          | MB Aldrin       | 4.665  | 5.429  | 96009774 | 188.5E6  | 50.300   | 52.069     |
| 6)                          | B beta-BHC      | 4.372  | 4.792  | 47184352 | 92484143 | 49.398   | 49.115     |
| 7)                          | B delta-BHC     | 4.573  | 5.006  | 107.9E6  | 193.5E6  | 49.638   | 55.301     |
| 8)                          | B Heptachlo...  | 5.104  | 5.815  | 91730720 | 168.3E6  | 50.275   | 51.973     |
| 9)                          | A Endosulfan I  | 5.439  | 6.170  | 84655638 | 152.2E6  | 50.643   | 48.248     |
| 10)                         | B gamma-Chl...  | 5.329  | 6.048  | 90222087 | 166.1E6  | 50.080   | 49.337     |
| 11)                         | B alpha-Chl...  | 5.387  | 6.120  | 90202753 | 164.3E6  | 49.898   | 48.775     |
| 12)                         | B 4,4'-DDE      | 5.552  | 6.279  | 84282643 | 157.8E6  | 50.943   | 48.961     |
| 13)                         | MA Dieldrin     | 5.680  | 6.426  | 88799266 | 154.5E6  | 50.255   | 48.280     |
| 14)                         | MA Endrin       | 5.934  | 6.644  | 72976368 | 118.9E6  | 43.862   | 42.612     |
| 15)                         | B Endosulfa...  | 6.207  | 6.854  | 80614919 | 128.7E6  | 48.898   | 45.035     |
| 16)                         | A 4,4'-DDD      | 6.064  | 6.769  | 79965255 | 134.3E6  | 56.533   | 52.459     |
| 17)                         | MA 4,4'-DDT     | 6.303  | 7.067  | 54603519 | 92825404 | 40.915   | 41.343     |
| 18)                         | B Endrin al...  | 6.374  | 6.978  | 70071309 | 111.0E6  | 48.256   | 48.678     |
| 19)                         | B Endosulfa...  | 6.586  | 7.201  | 78794770 | 118.1E6  | 47.747   | 49.239     |
| 20)                         | A Methoxychlor  | 6.846  | 7.527  | 36097412 | 53218321 | 41.911   | 43.074     |
| 21)                         | B Endrin ke...  | 7.072  | 7.670  | 96686723 | 130.6E6  | 53.625   | 55.109     |
| 22)                         | Mirex           | 7.258  | 8.123  | 68609877 | 87058331 | 48.396   | 51.088     |
| 23)                         | Chlordane-1     | 4.297f | 0.000  | 624986   | 0        | 12.124   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.429f | 0        | 188.5E6  | N.D.     | 1728.441 # |
| 25)                         | Chlordane-3     | 5.329  | 6.048  | 90222087 | 166.1E6  | 589.190  | 411.165 #  |
| 26)                         | Chlordane-4     | 5.387  | 6.120  | 90202753 | 164.3E6  | 692.478  | 339.301 #  |
| 27)                         | Chlordane-5     | 6.207  | 0.000  | 80614919 | 0        | 1670.926 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

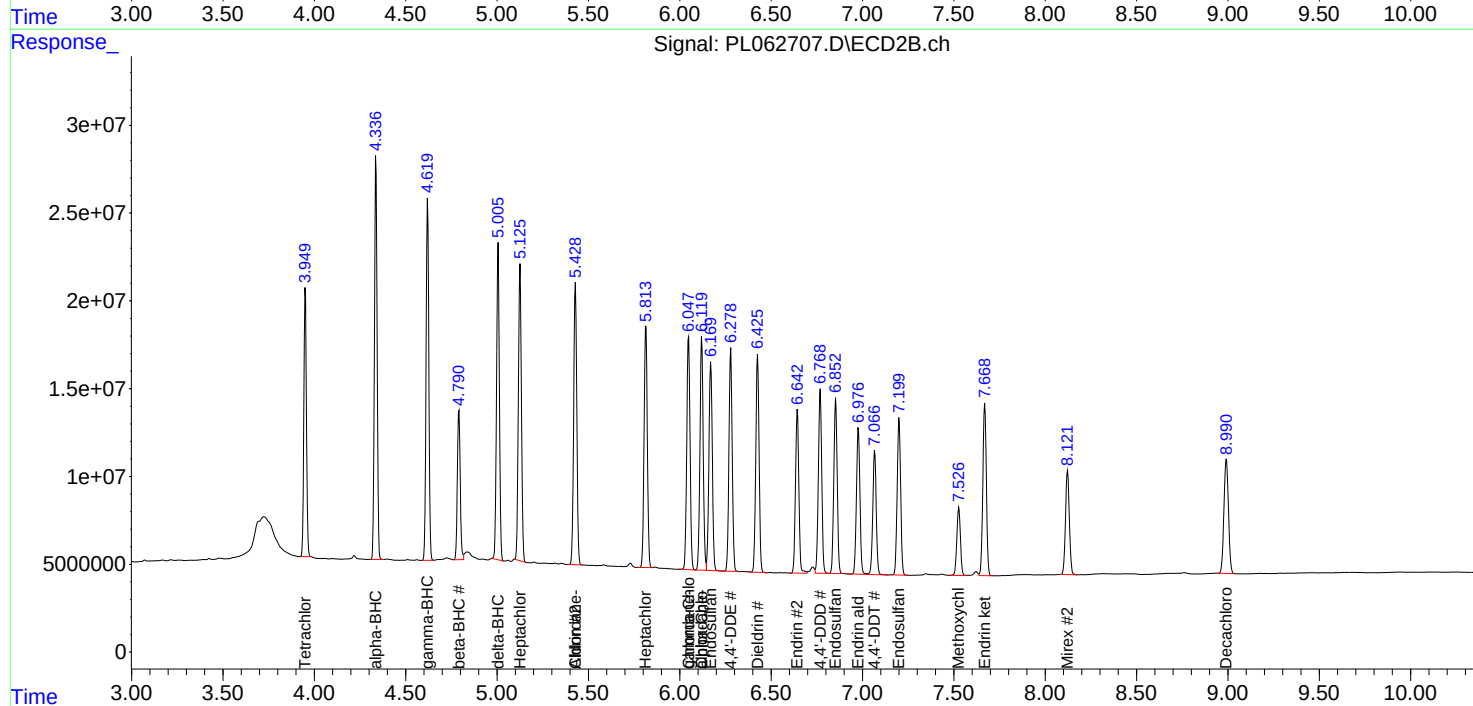
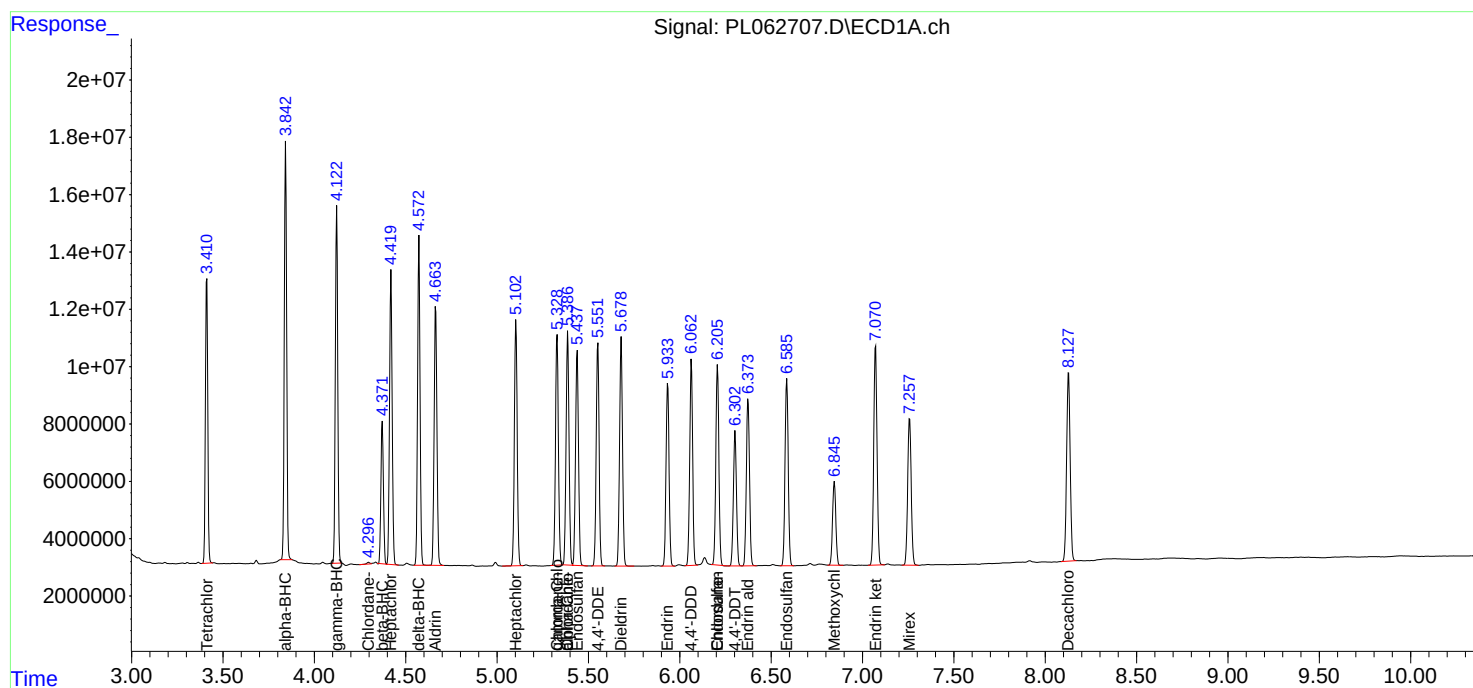
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

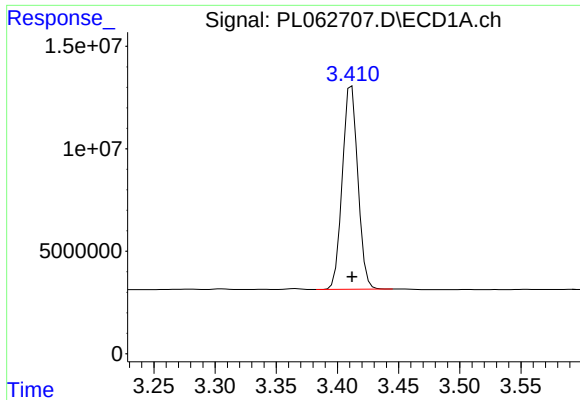
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103020\  
Data File : PL062707.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2020 10:07  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 14:11:14 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

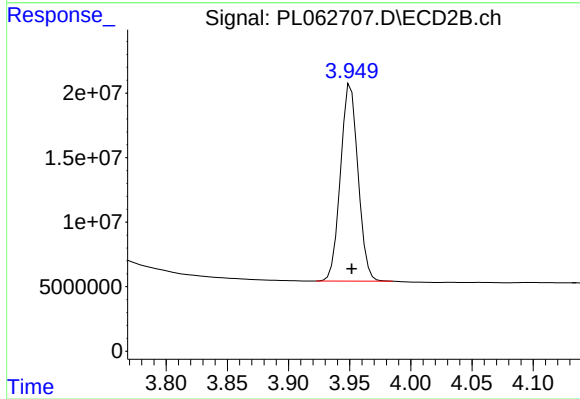




#1 Tetrachloro-m-xylene

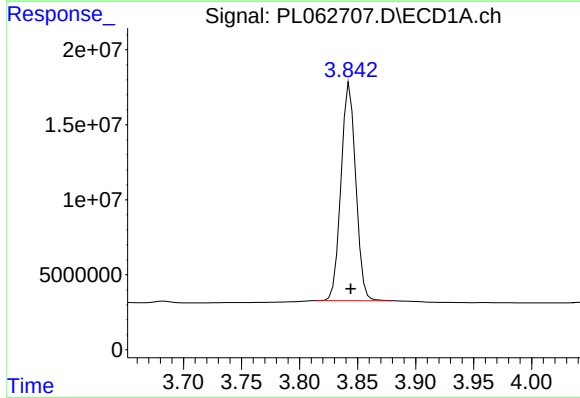
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 87661656  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



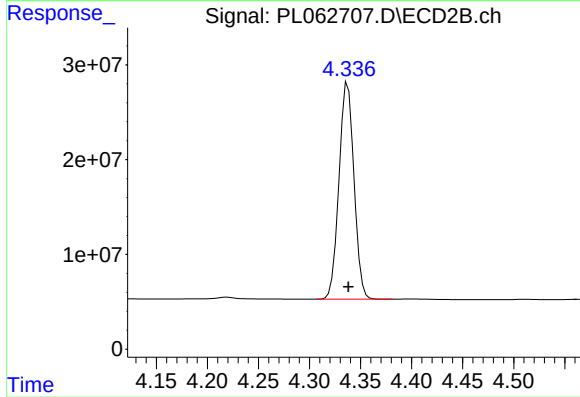
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 152308953  
Conc: 51.83 ng/ml



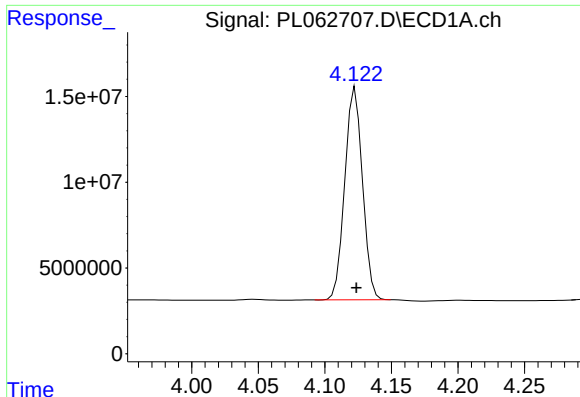
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: 0.000 min  
Response: 128532848  
Conc: 50.41 ng/ml



#2 alpha-BHC

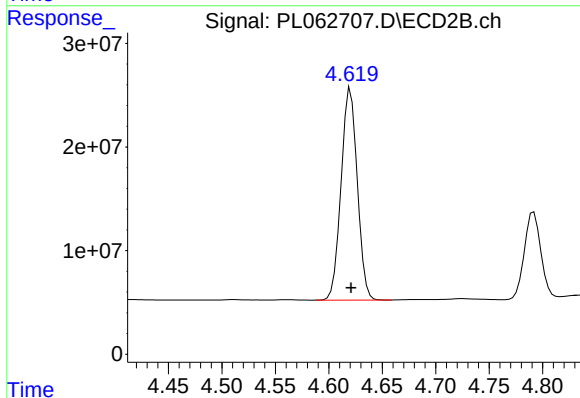
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 234152779  
Conc: 52.70 ng/ml



#3 gamma-BHC (Lindane)

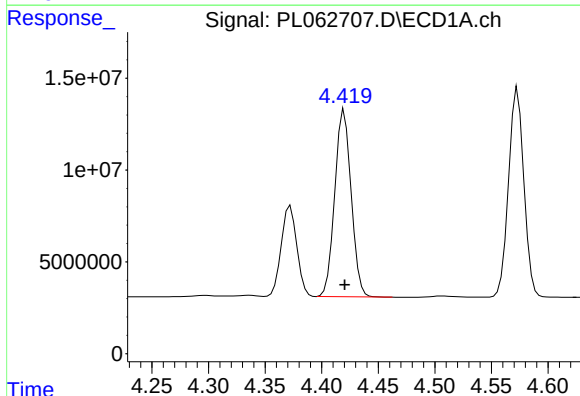
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 114643152  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



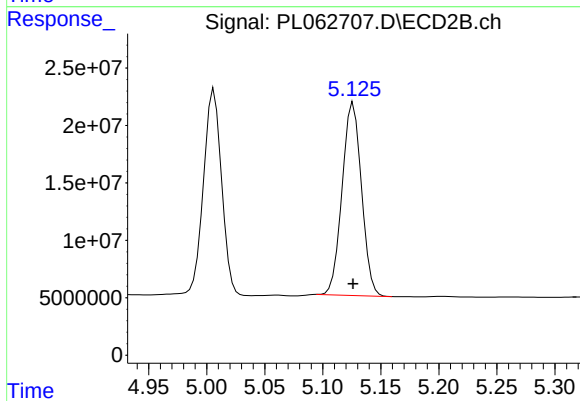
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 215678976  
Conc: 51.65 ng/ml



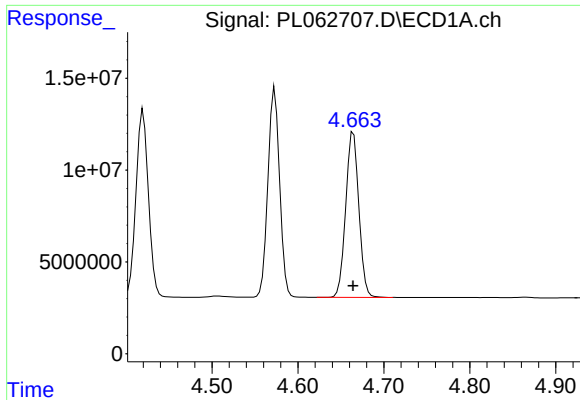
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 102656354  
Conc: 47.84 ng/ml



#4 Heptachlor

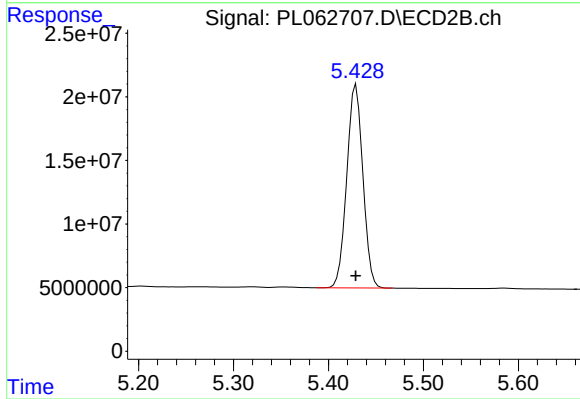
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 195026489  
Conc: 48.90 ng/ml



#5 Aldrin

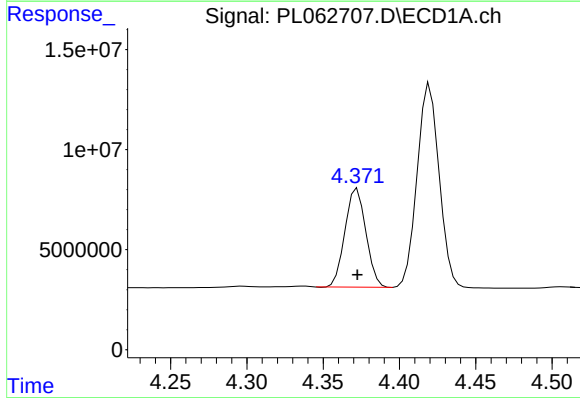
R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 96009774  
Conc: 50.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



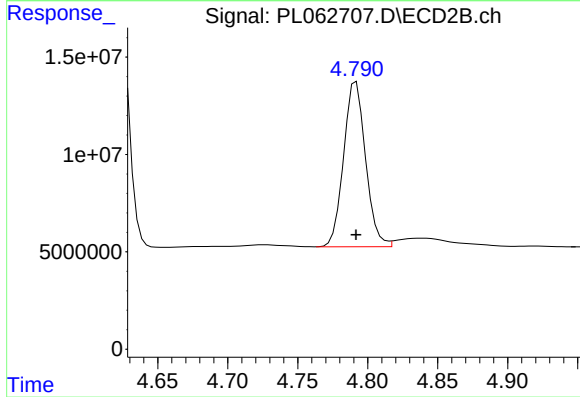
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 188462242  
Conc: 52.07 ng/ml



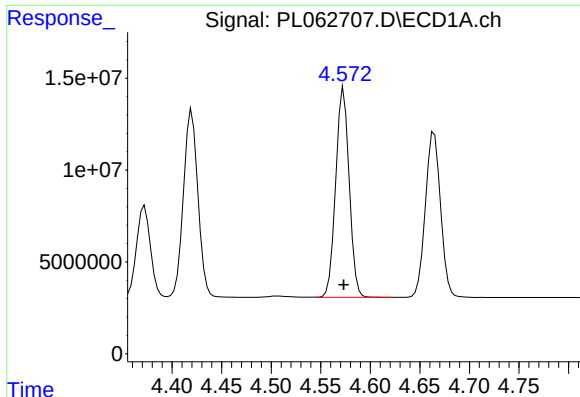
#6 beta-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 47184352  
Conc: 49.40 ng/ml



#6 beta-BHC

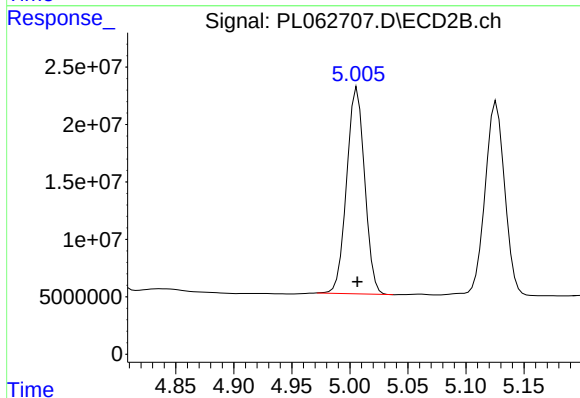
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 92484143  
Conc: 49.11 ng/ml



#7 delta-BHC

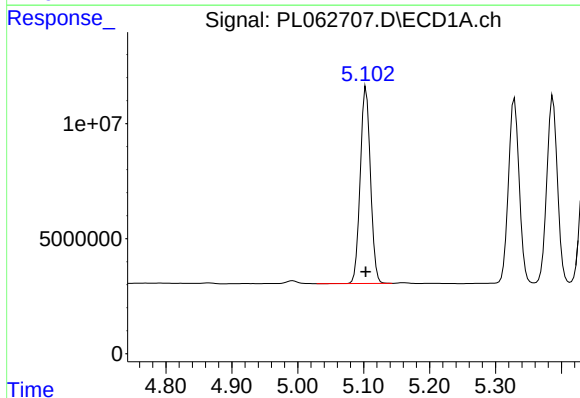
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 107874563  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



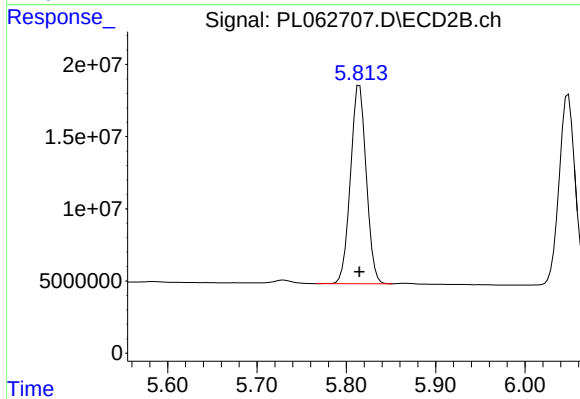
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 193524572  
Conc: 55.30 ng/ml



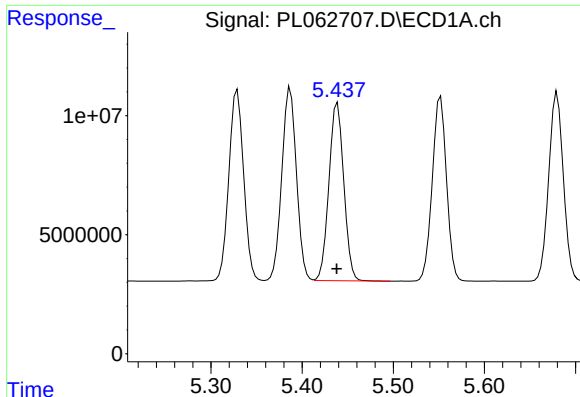
#8 Heptachlor epoxide

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 91730720  
Conc: 50.27 ng/ml



#8 Heptachlor epoxide

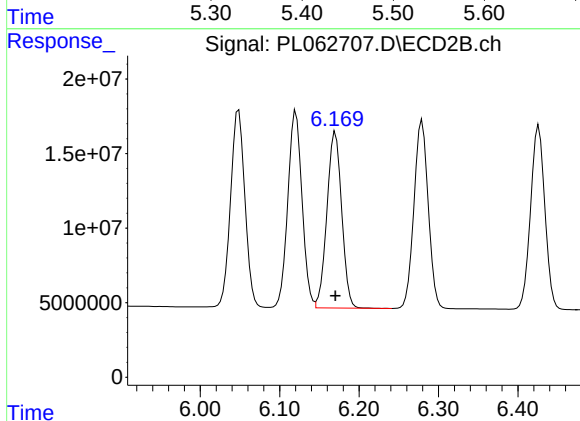
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 168319144  
Conc: 51.97 ng/ml



#9 Endosulfan I

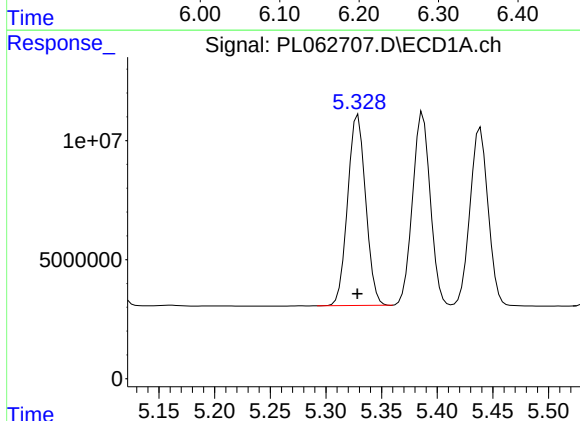
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 84655638  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



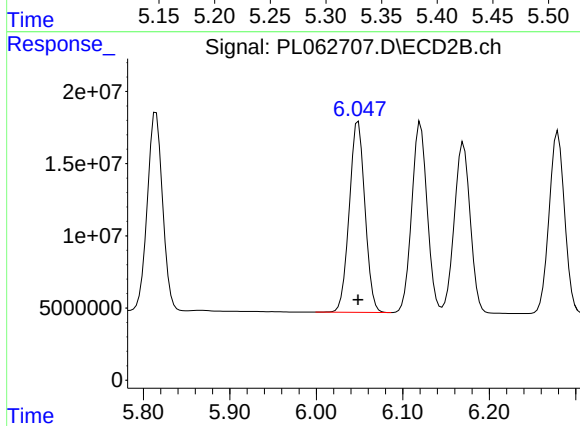
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 152166395  
Conc: 48.25 ng/ml



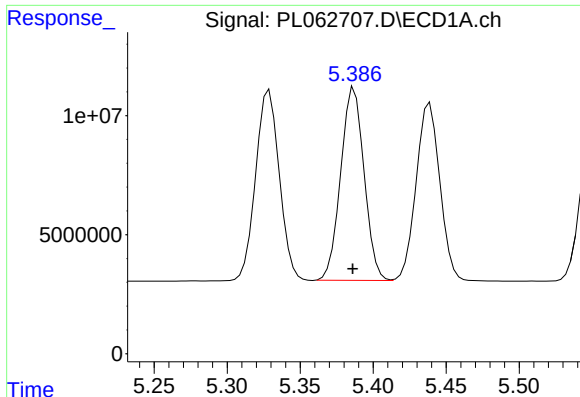
#10 gamma-Chlordane

R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 90222087  
Conc: 50.08 ng/ml



#10 gamma-Chlordane

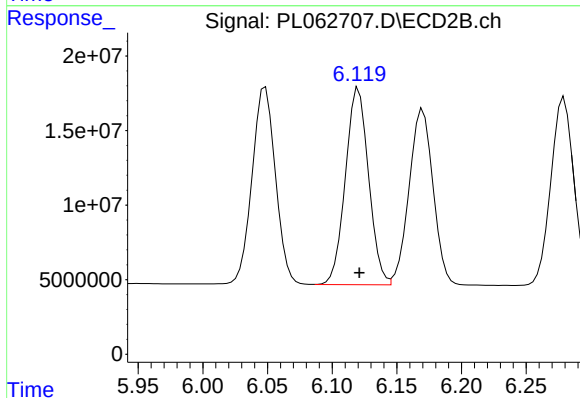
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 166086473  
Conc: 49.34 ng/ml



#11 alpha-Chlordane

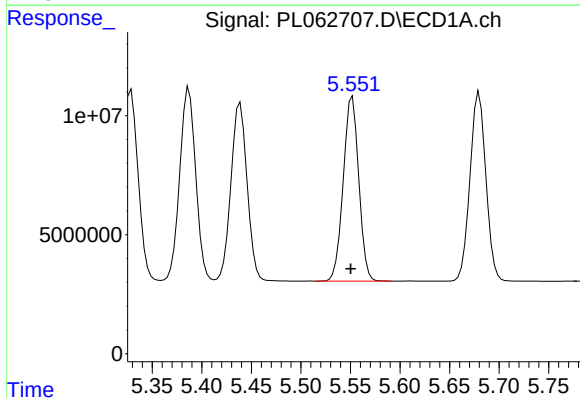
R.T.: 5.387 min  
Delta R.T.: 0.001 min  
Response: 90202753  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



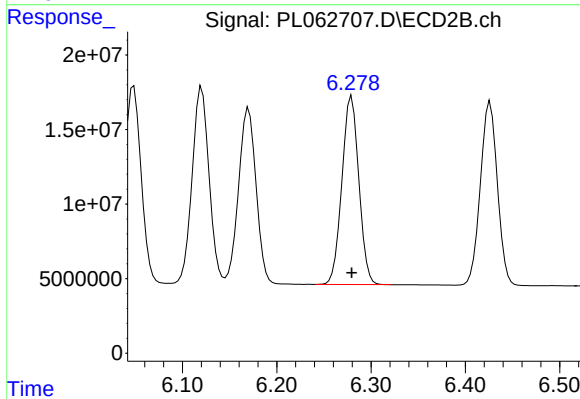
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 164318972  
Conc: 48.78 ng/ml



#12 4,4'-DDE

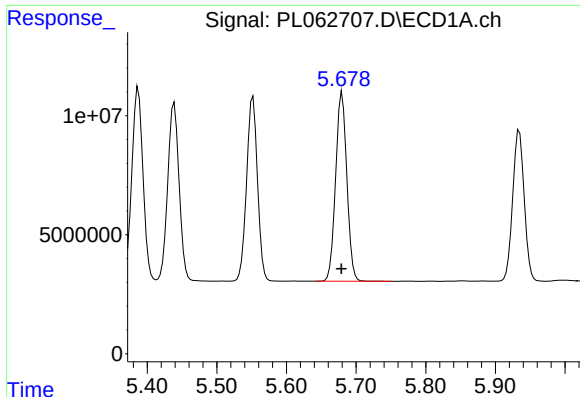
R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 84282643  
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 157754850  
Conc: 48.96 ng/ml

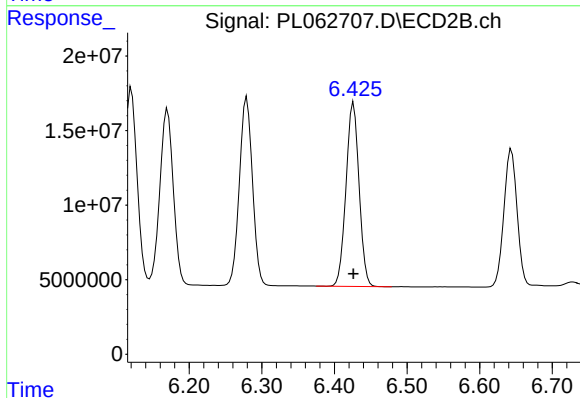




#13 Dieldrin

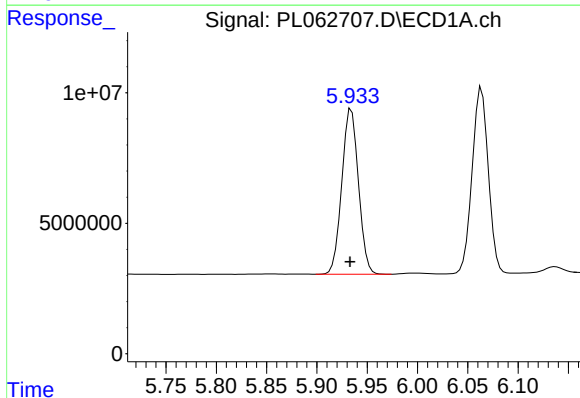
R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 88799266  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



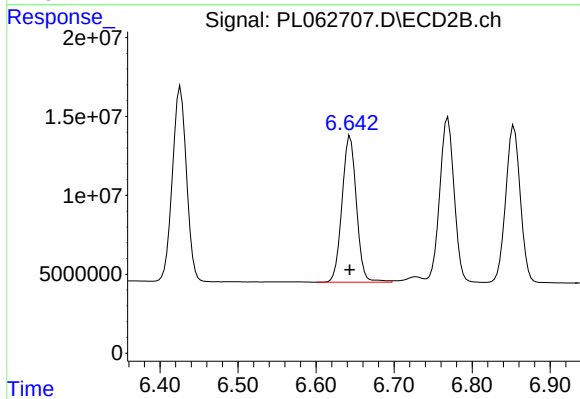
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 154537784  
Conc: 48.28 ng/ml



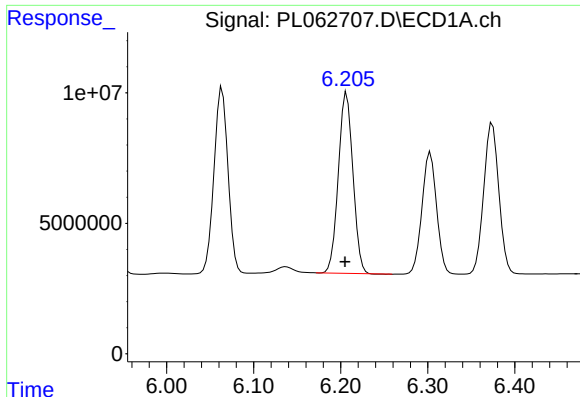
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.001 min  
Response: 72976368  
Conc: 43.86 ng/ml



#14 Endrin

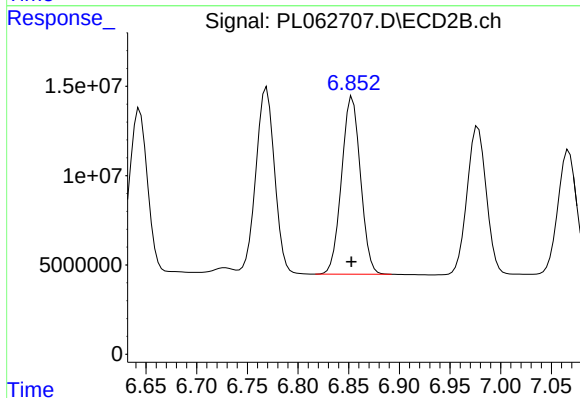
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 118935698  
Conc: 42.61 ng/ml



#15 Endosulfan II

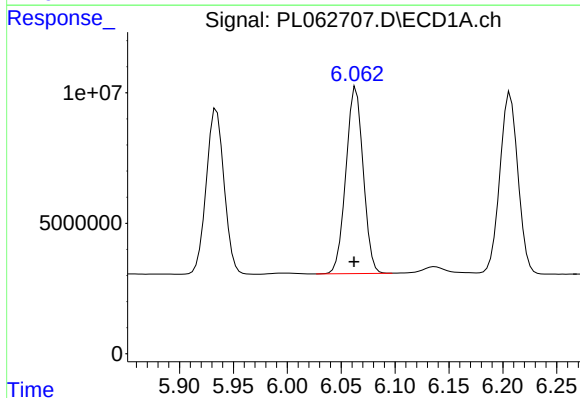
R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 80614919  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



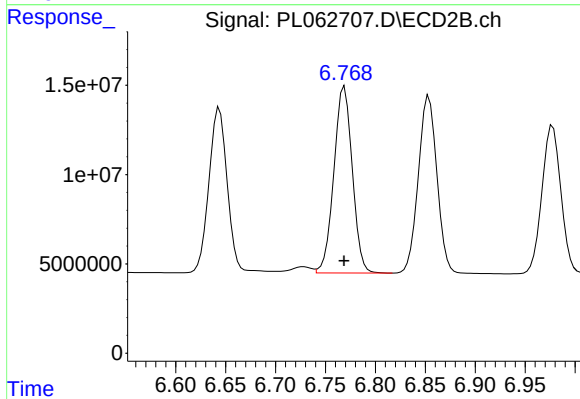
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 128738793  
Conc: 45.03 ng/ml



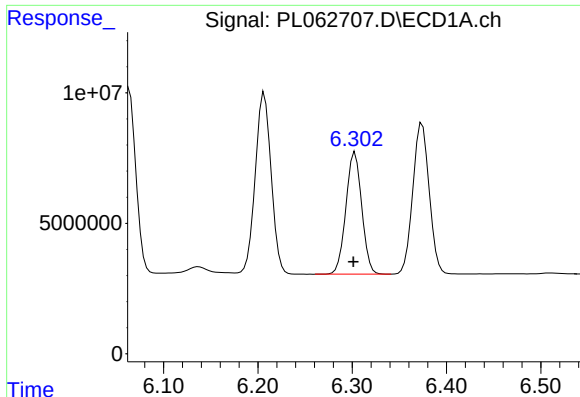
#16 4,4'-DDD

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 79965255  
Conc: 56.53 ng/ml



#16 4,4'-DDD

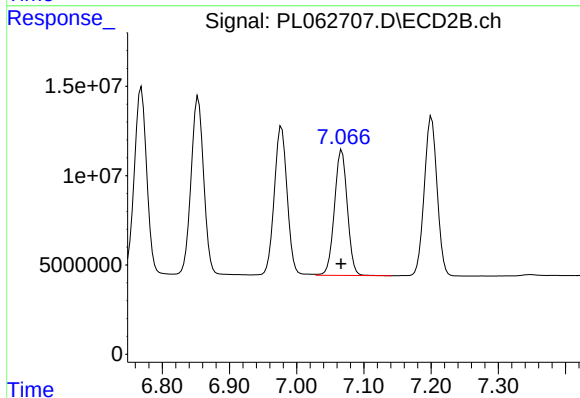
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 134292715  
Conc: 52.46 ng/ml



#17 4,4'-DDT

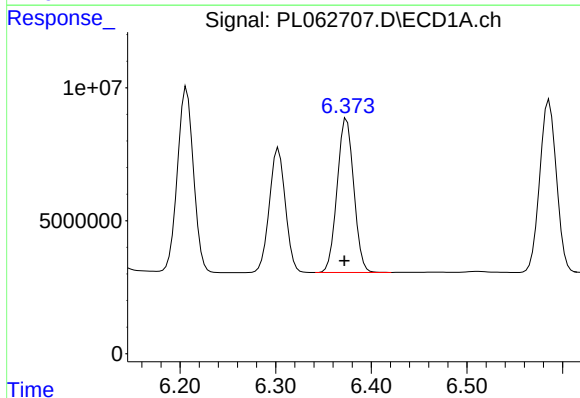
R.T.: 6.303 min  
Delta R.T.: 0.002 min  
Response: 54603519  
Conc: 40.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



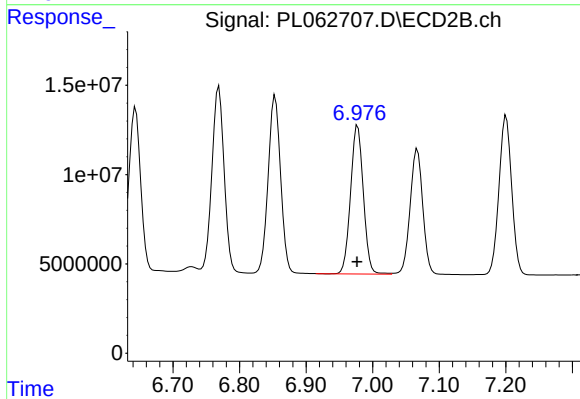
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.001 min  
Response: 92825404  
Conc: 41.34 ng/ml



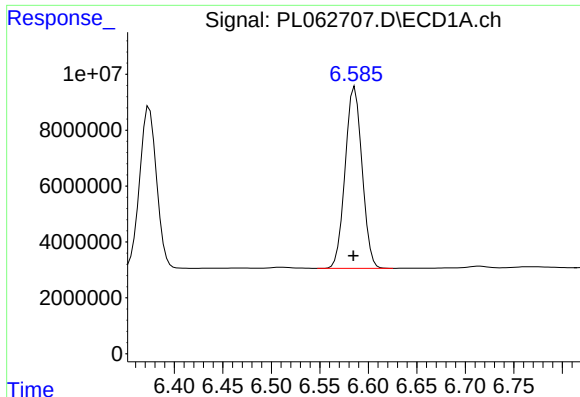
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 70071309  
Conc: 48.26 ng/ml



#18 Endrin aldehyde

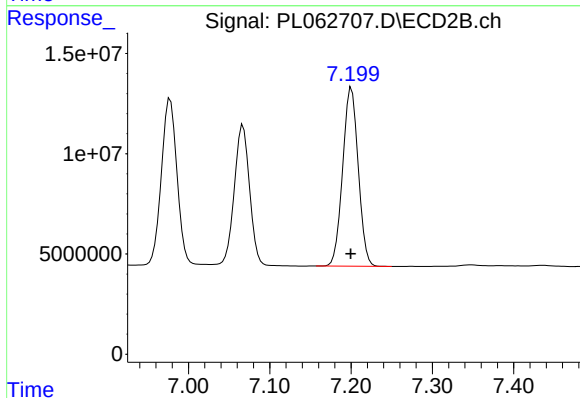
R.T.: 6.978 min  
Delta R.T.: 0.001 min  
Response: 111015154  
Conc: 48.68 ng/ml



#19 Endosulfan Sulfate

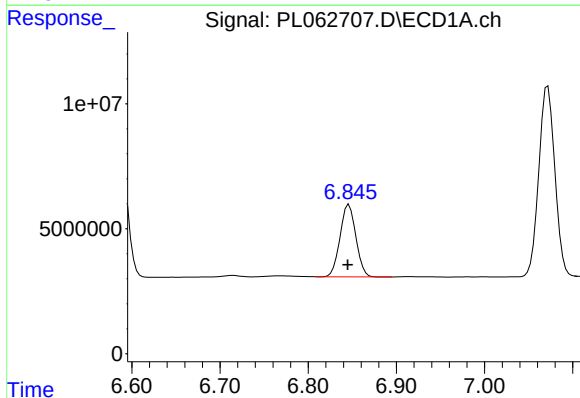
R.T.: 6.586 min  
Delta R.T.: 0.001 min  
Response: 78794770  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



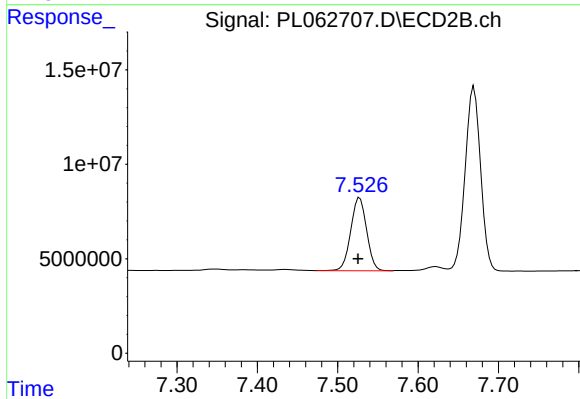
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: 0.001 min  
Response: 118134214  
Conc: 49.24 ng/ml



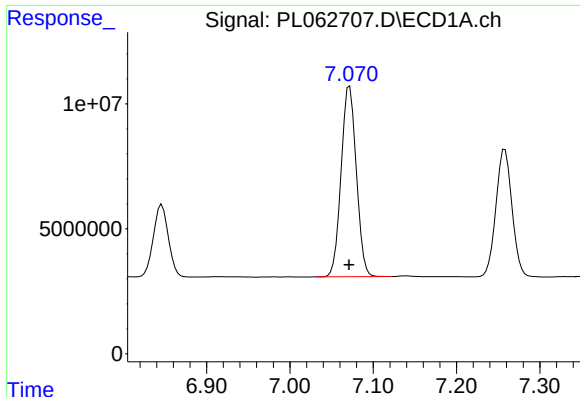
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 36097412  
Conc: 41.91 ng/ml



#20 Methoxychlor

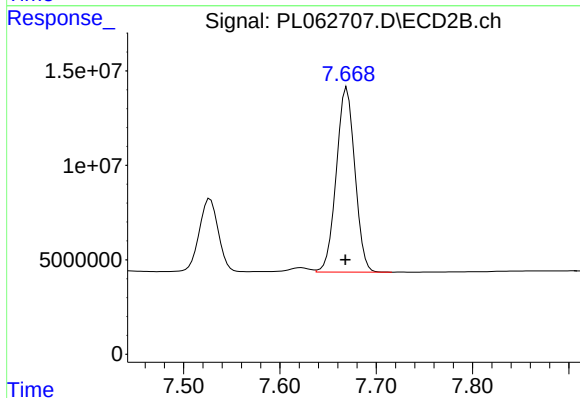
R.T.: 7.527 min  
Delta R.T.: 0.002 min  
Response: 53218321  
Conc: 43.07 ng/ml



#21 Endrin ketone

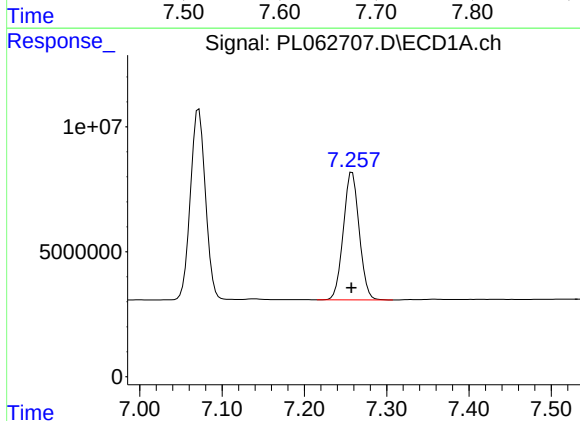
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 96686723  
Conc: 53.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



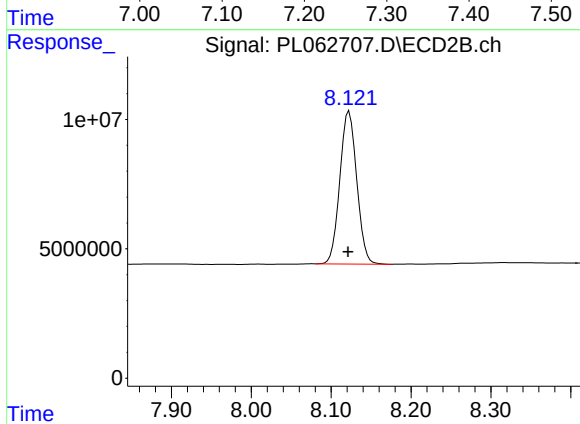
#21 Endrin ketone

R.T.: 7.670 min  
Delta R.T.: 0.001 min  
Response: 130597053  
Conc: 55.11 ng/ml



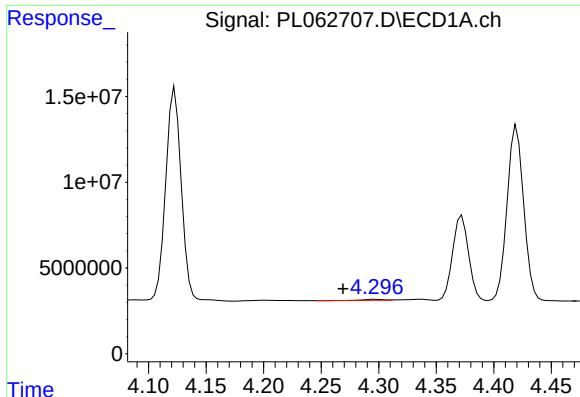
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.001 min  
Response: 68609877  
Conc: 48.40 ng/ml



#22 Mirex

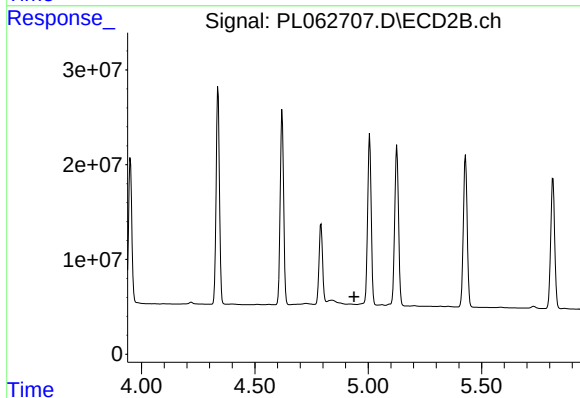
R.T.: 8.123 min  
Delta R.T.: 0.001 min  
Response: 87058331  
Conc: 51.09 ng/ml



#23 Chlordane-1

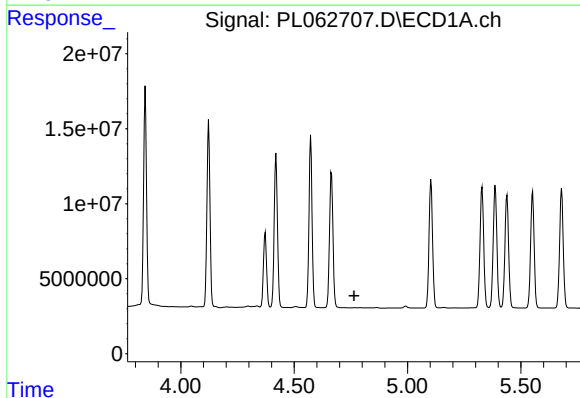
R.T.: 4.297 min  
Delta R.T.: 0.028 min  
Response: 624986  
Conc: 12.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



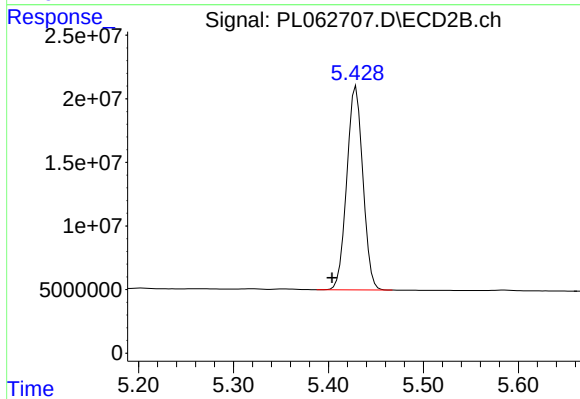
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.938 min  
Response: 0  
Conc: N.D.



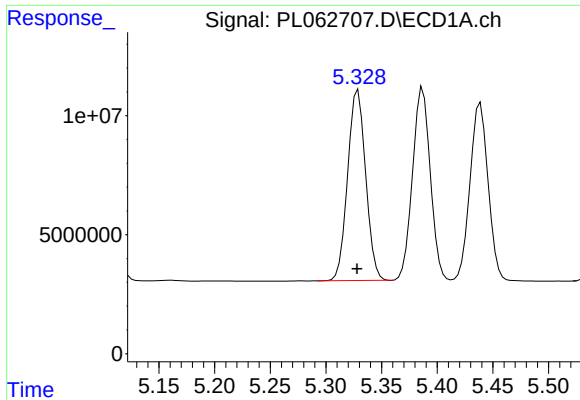
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

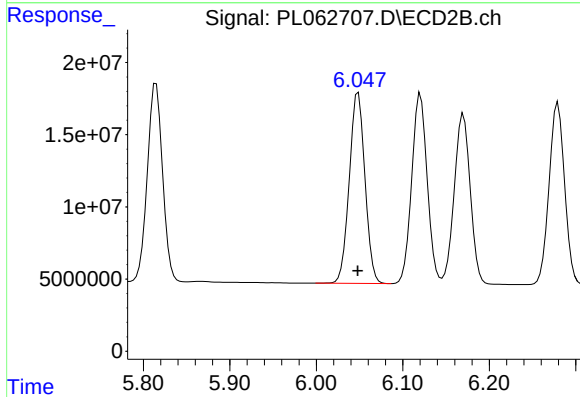
R.T.: 5.429 min  
Delta R.T.: 0.025 min  
Response: 188462242  
Conc: 1728.44 ng/ml



#25 Chlordane-3

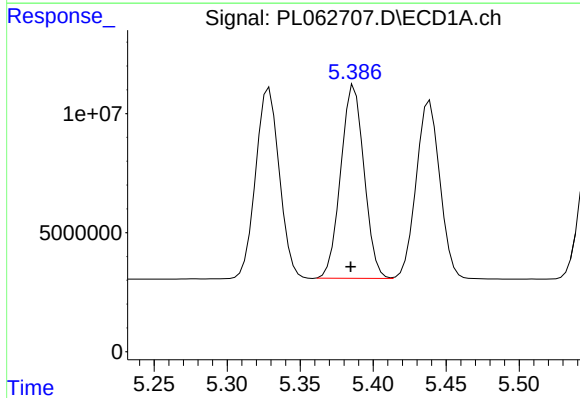
R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 90222087  
Conc: 589.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



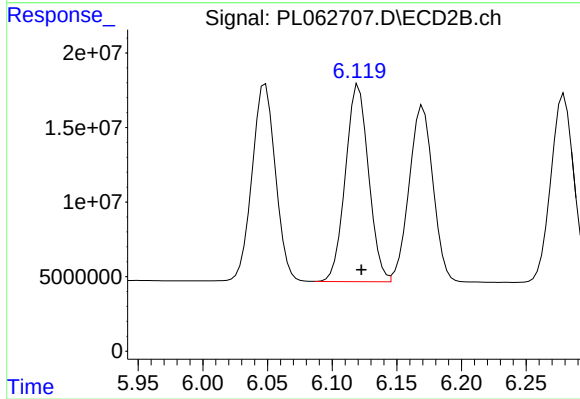
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 166086473  
Conc: 411.17 ng/ml



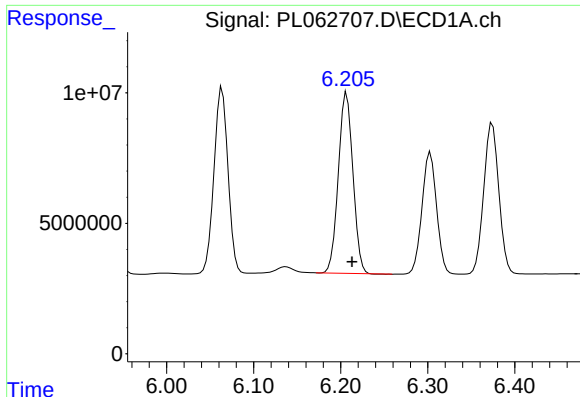
#26 Chlordane-4

R.T.: 5.387 min  
Delta R.T.: 0.002 min  
Response: 90202753  
Conc: 692.48 ng/ml



#26 Chlordane-4

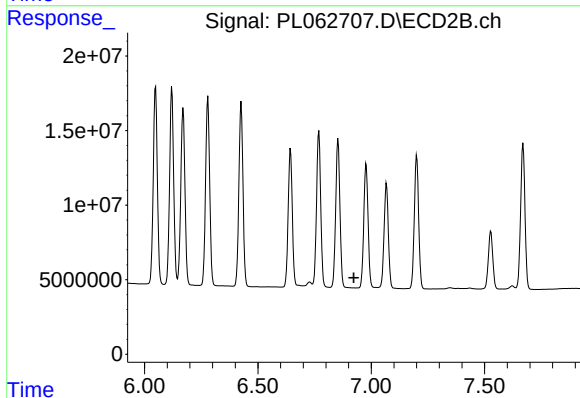
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 164318972  
Conc: 339.30 ng/ml



#27 Chlordane-5

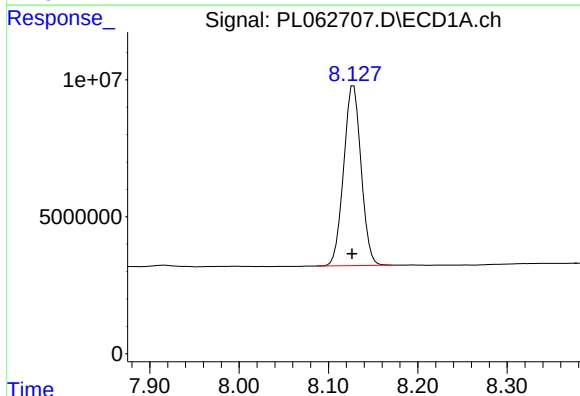
R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 80614919  
Conc: 1670.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



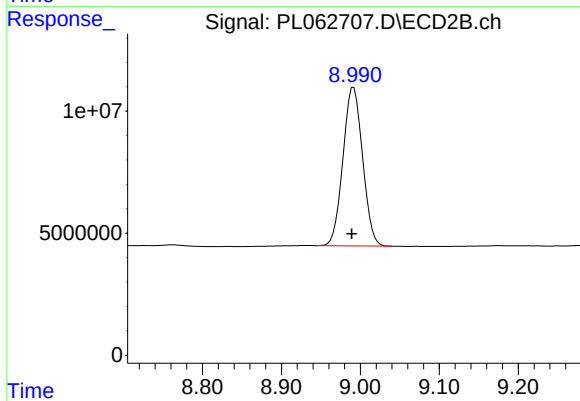
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.128 min  
Delta R.T.: 0.002 min  
Response: 89117917  
Conc: 55.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.003 min  
Response: 112154838  
Conc: 53.59 ng/ml