

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102320\  
 Data File : PL062558.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2020 14:40  
 Operator : DD\AJ  
 Sample : L4491-02MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 17:52:30 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... | 3.413 | 3.952  | 38450526 | 64859609 | 22.354   | 22.071     |
| 28)                         | SA Decachlor... | 8.128 | 8.990  | 32797926 | 43994803 | 20.444   | 21.020     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.844 | 4.338  | 149.0E6  | 267.2E6  | 58.434   | 60.148     |
| 3)                          | MA gamma-BHC... | 4.124 | 4.621  | 135.3E6  | 247.3E6  | 58.421   | 59.220     |
| 4)                          | MA Heptachlor   | 4.420 | 5.126  | 123.4E6  | 230.2E6  | 57.510   | 57.727     |
| 5)                          | MB Aldrin       | 4.665 | 5.429  | 110.5E6  | 209.7E6  | 57.913   | 57.936     |
| 6)                          | B beta-BHC      | 4.373 | 4.792  | 54644337 | 103.1E6  | 57.208   | 54.746     |
| 7)                          | B delta-BHC     | 4.574 | 5.007  | 127.3E6  | 184.2E6  | 58.585   | 52.647     |
| 8)                          | B Heptachlo...  | 5.104 | 5.814  | 114.0E6  | 173.9E6  | 62.494   | 53.693     |
| 9)                          | A Endosulfan I  | 5.439 | 6.170  | 95560208 | 170.1E6  | 57.166   | 53.937     |
| 10)                         | B gamma-Chl...  | 5.329 | 6.048  | 101.8E6  | 179.7E6  | 56.521   | 53.376     |
| 11)                         | B alpha-Chl...  | 5.387 | 6.121  | 102.3E6  | 184.1E6  | 56.563   | 54.656     |
| 12)                         | B 4,4'-DDE      | 5.552 | 6.280  | 95285072 | 174.8E6  | 57.593   | 54.248     |
| 13)                         | MA Dieldrin     | 5.680 | 6.426  | 100.3E6  | 173.8E6  | 56.755   | 54.295     |
| 14)                         | MA Endrin       | 5.935 | 6.643  | 93925428 | 152.0E6  | 56.453   | 54.460     |
| 15)                         | B Endosulfa...  | 6.207 | 6.853  | 89845471 | 149.8E6  | 54.497   | 52.407     |
| 16)                         | A 4,4'-DDD      | 6.064 | 6.769  | 76903009 | 144.6E6  | 54.368   | 56.491     |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.066  | 74537431 | 133.5E6  | 55.851   | 59.451     |
| 18)                         | B Endrin al...  | 6.374 | 6.977  | 74771242 | 126.8E6  | 51.492   | 55.598     |
| 19)                         | B Endosulfa...  | 6.585 | 7.200  | 86445394 | 134.0E6  | 52.384   | 55.861     |
| 20)                         | A Methoxychlor  | 6.847 | 7.525  | 44005159 | 66823014 | 51.092   | 54.086     |
| 21)                         | B Endrin ke...  | 7.072 | 7.669  | 97459755 | 139.9E6  | 54.054   | 59.031     |
| 22)                         | Mirex           | 7.258 | 8.121  | 72659796 | 93269040 | 51.252   | 54.733     |
| 24)                         | Chlordane-2     | 0.000 | 5.429f | 0        | 209.7E6  | N.D.     | 1923.213 # |
| 25)                         | Chlordane-3     | 5.329 | 6.048  | 101.8E6  | 179.7E6  | 664.973  | 444.824 #  |
| 26)                         | Chlordane-4     | 5.387 | 6.121  | 102.3E6  | 184.1E6  | 784.987  | 380.210 #  |
| 27)                         | Chlordane-5     | 6.207 | 0.000  | 89845471 | 0        | 1862.250 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

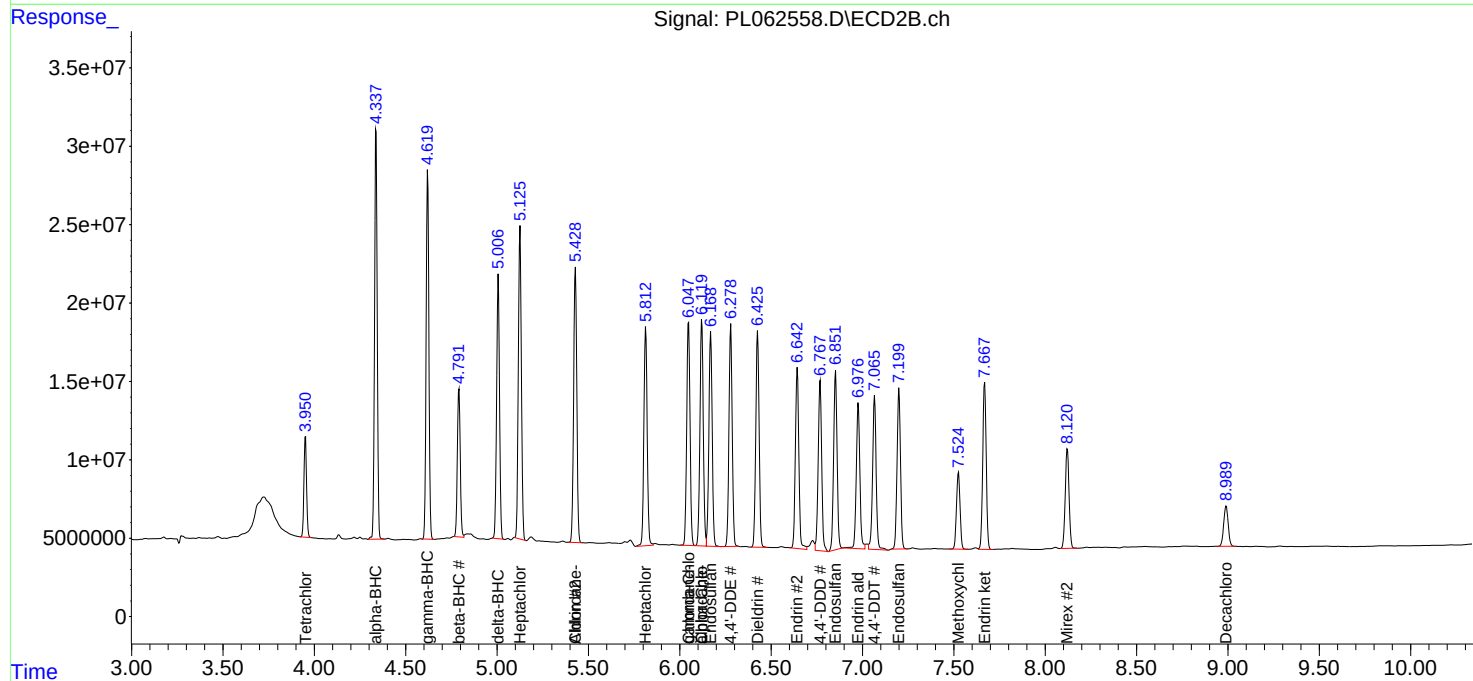
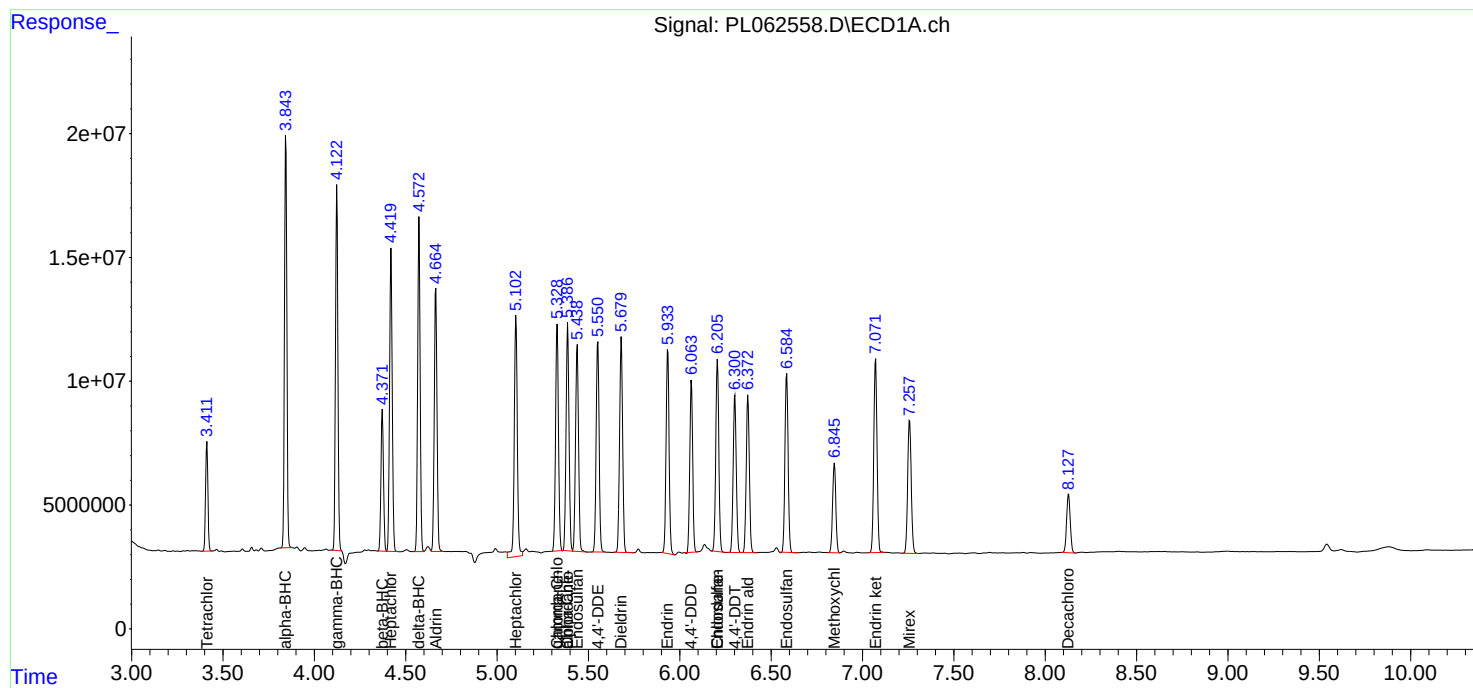
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

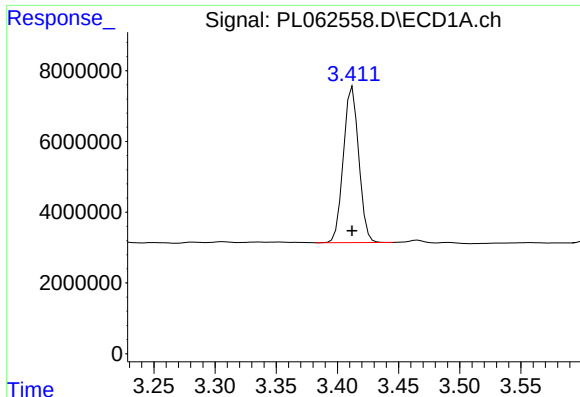
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102320\  
Data File : PL062558.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2020 14:40  
Operator : DD\AJ  
Sample : L4491-02MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 17:52:30 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

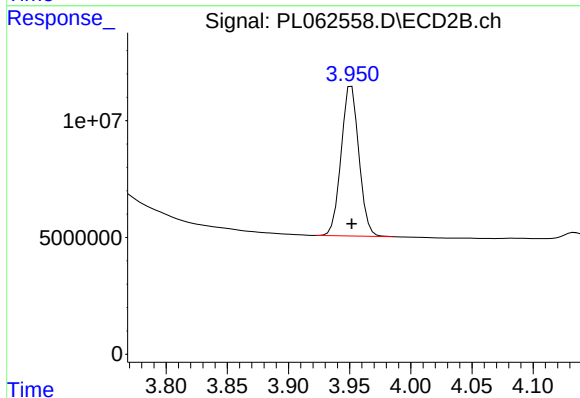




#1 Tetrachloro-m-xylene

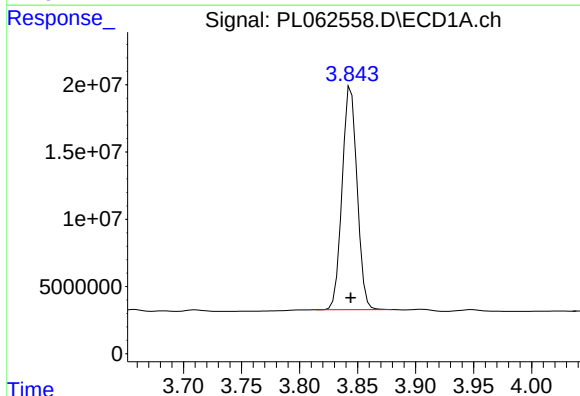
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 38450526  
Conc: 22.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



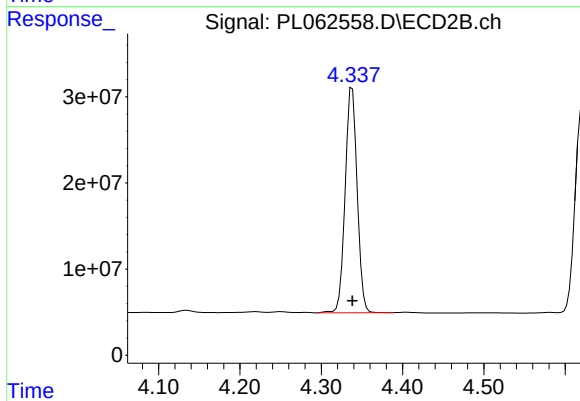
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 64859609  
Conc: 22.07 ng/ml



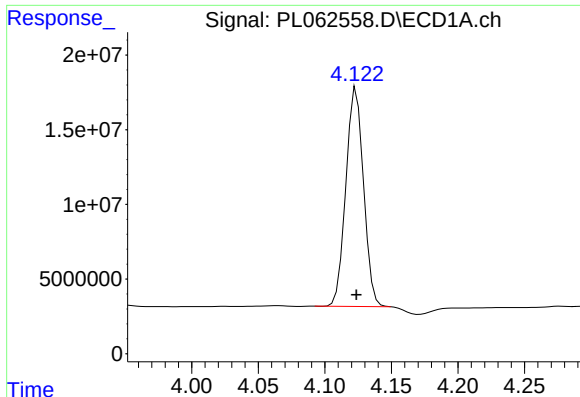
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 148989768  
Conc: 58.43 ng/ml



#2 alpha-BHC

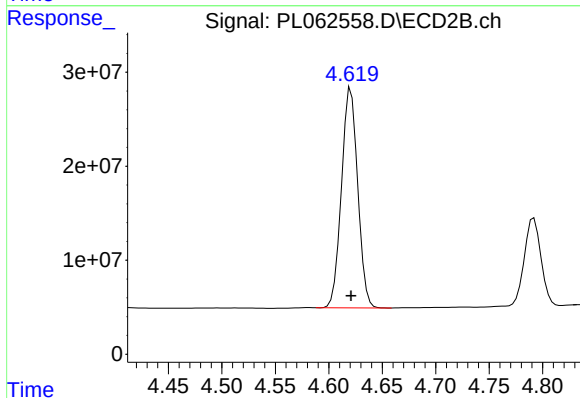
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 267249320  
Conc: 60.15 ng/ml



#3 gamma-BHC (Lindane)

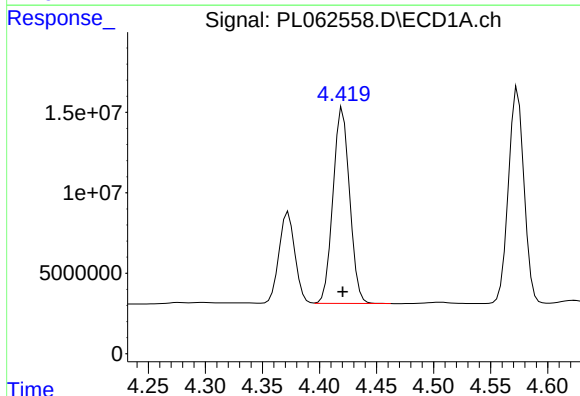
R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 135342623  
Conc: 58.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



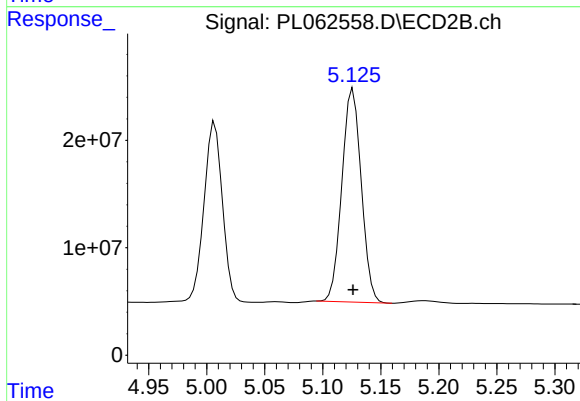
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 247284864  
Conc: 59.22 ng/ml



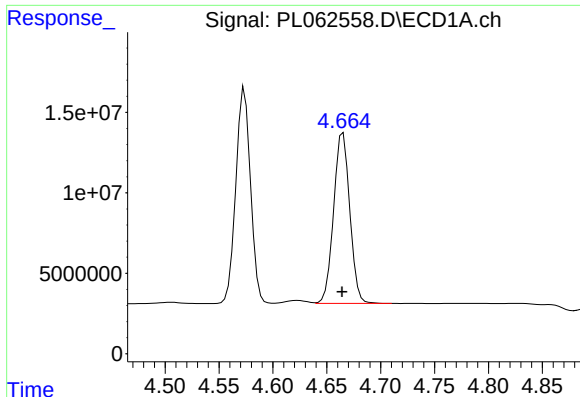
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 123404597  
Conc: 57.51 ng/ml



#4 Heptachlor

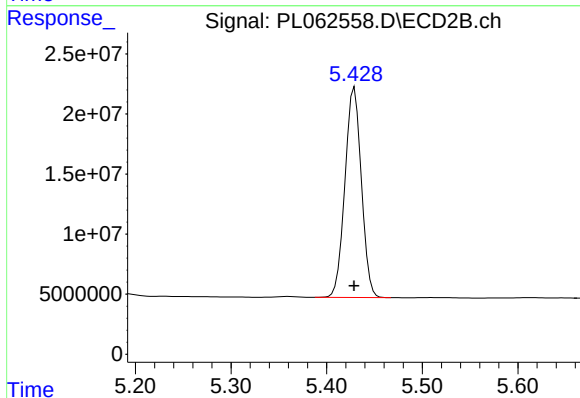
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 230210691  
Conc: 57.73 ng/ml



#5 Aldrin

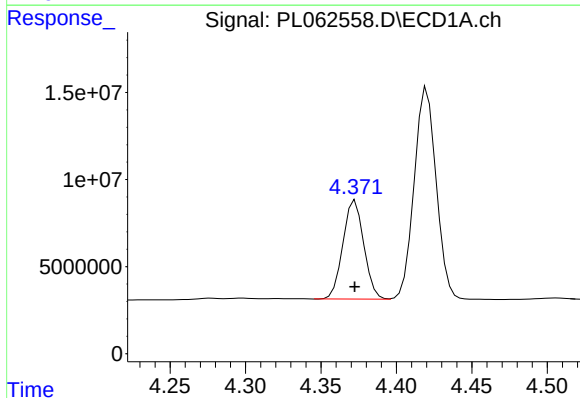
R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 110540897  
Conc: 57.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



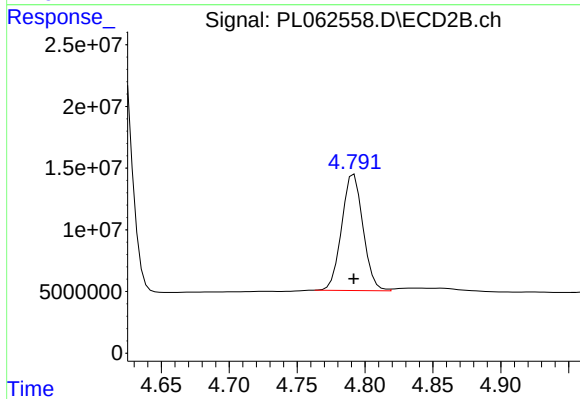
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 209699343  
Conc: 57.94 ng/ml



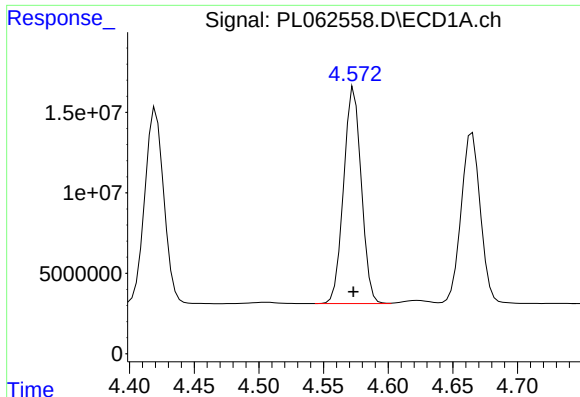
#6 beta-BHC

R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 54644337  
Conc: 57.21 ng/ml



#6 beta-BHC

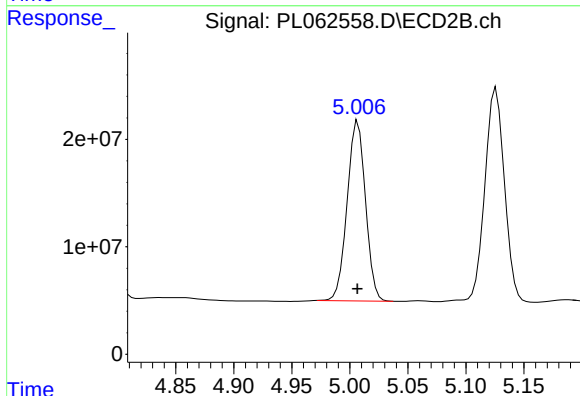
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 103087070  
Conc: 54.75 ng/ml



#7 delta-BHC

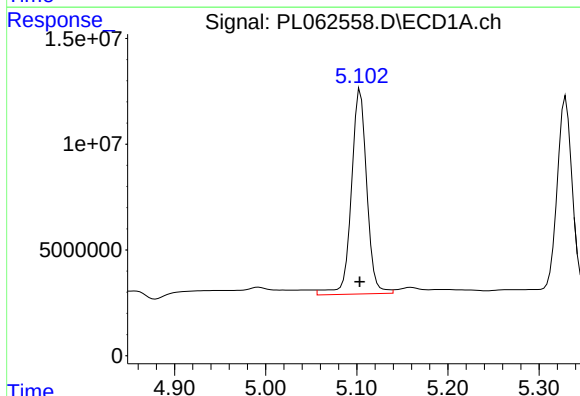
R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 127319144  
Conc: 58.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



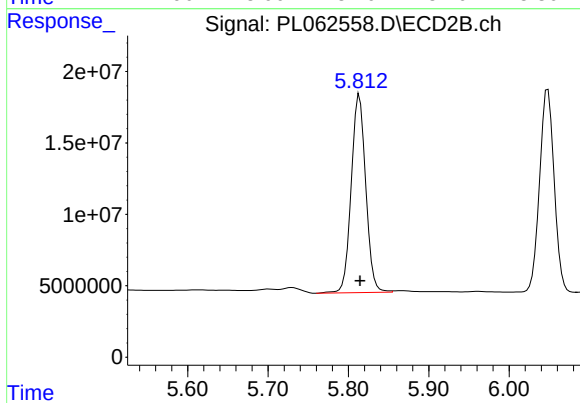
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 184234993  
Conc: 52.65 ng/ml



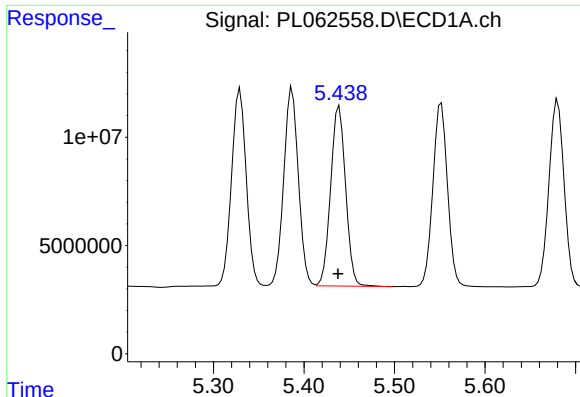
#8 Heptachlor epoxide

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 114026475  
Conc: 62.49 ng/ml



#8 Heptachlor epoxide

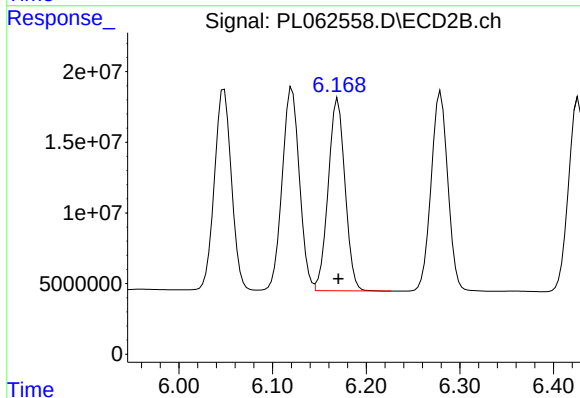
R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 173891852  
Conc: 53.69 ng/ml



#9 Endosulfan I

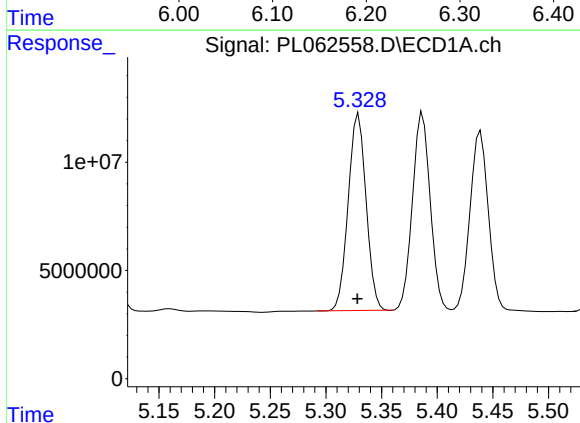
R.T.: 5.439 min  
Delta R.T.: 0.001 min  
Response: 95560208  
Conc: 57.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



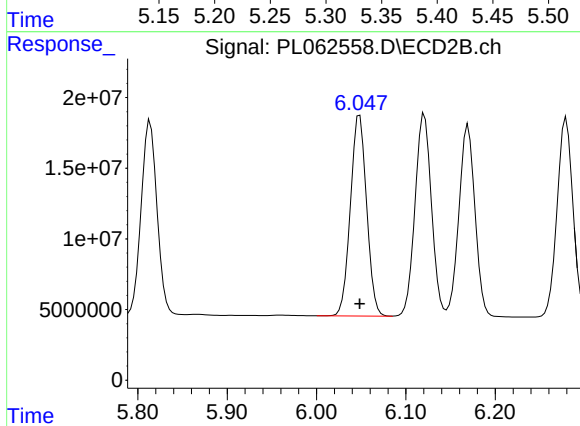
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 170107714  
Conc: 53.94 ng/ml



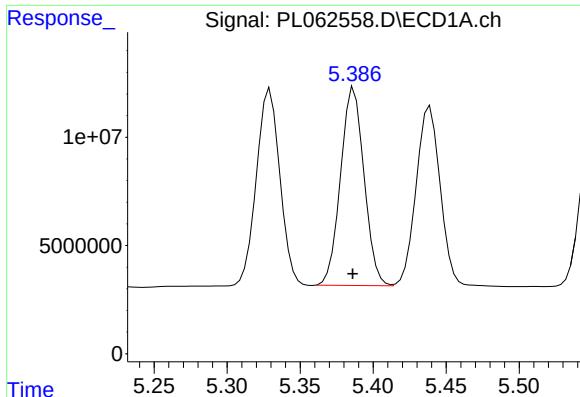
#10 gamma-Chlordane

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 101826609  
Conc: 56.52 ng/ml



#10 gamma-Chlordane

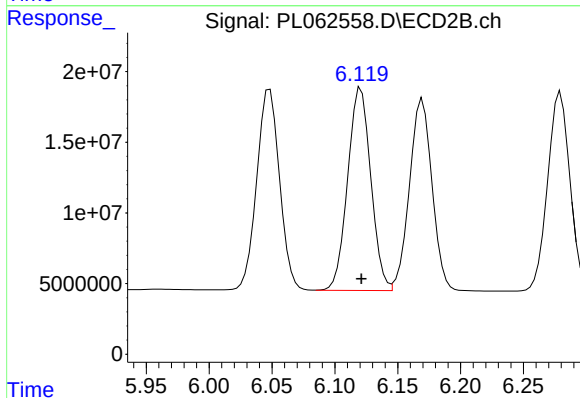
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 179682712  
Conc: 53.38 ng/ml



#11 alpha-Chlordane

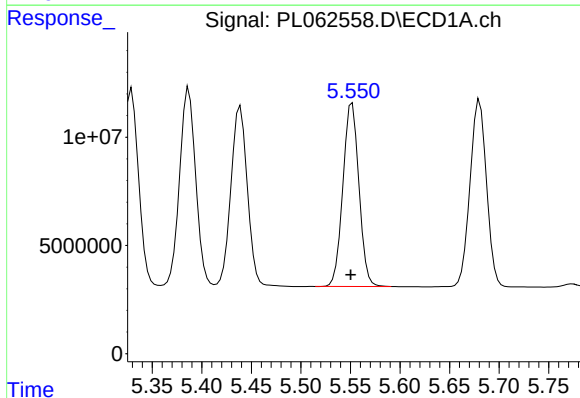
R.T.: 5.387 min  
Delta R.T.: 0.000 min  
Response: 102252924  
Conc: 56.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



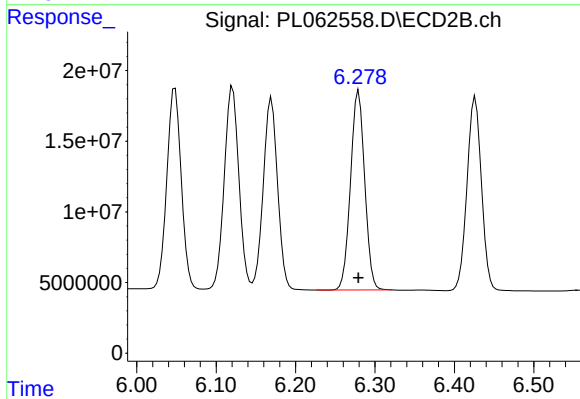
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 184130728  
Conc: 54.66 ng/ml



#12 4,4'-DDE

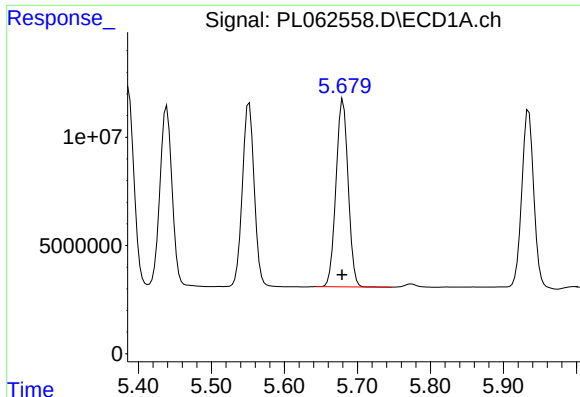
R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 95285072  
Conc: 57.59 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 174787222  
Conc: 54.25 ng/ml

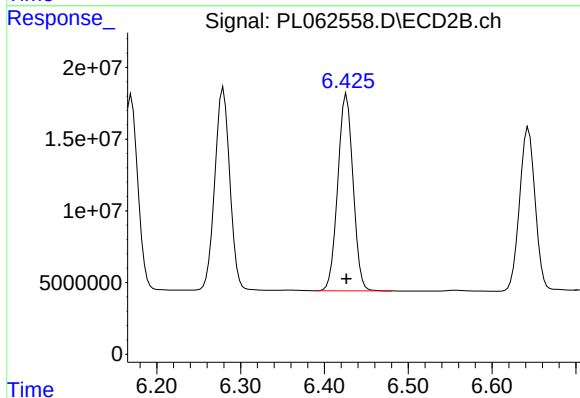




#13 Dieldrin

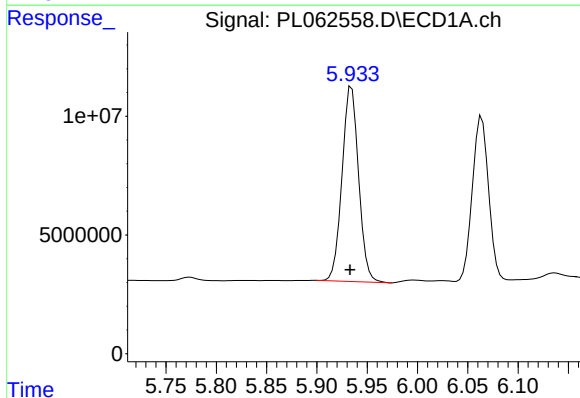
R.T.: 5.680 min  
Delta R.T.: 0.001 min  
Response: 100285199  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



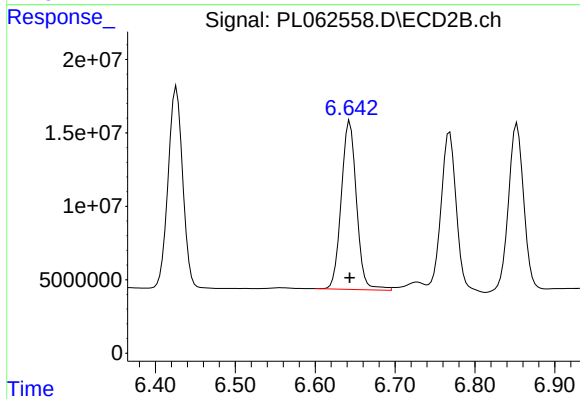
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 173790767  
Conc: 54.30 ng/ml



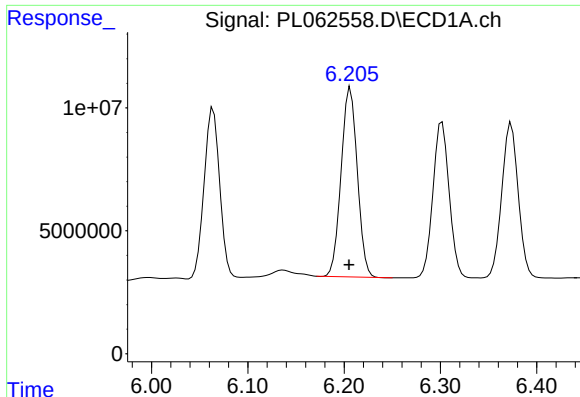
#14 Endrin

R.T.: 5.935 min  
Delta R.T.: 0.001 min  
Response: 93925428  
Conc: 56.45 ng/ml



#14 Endrin

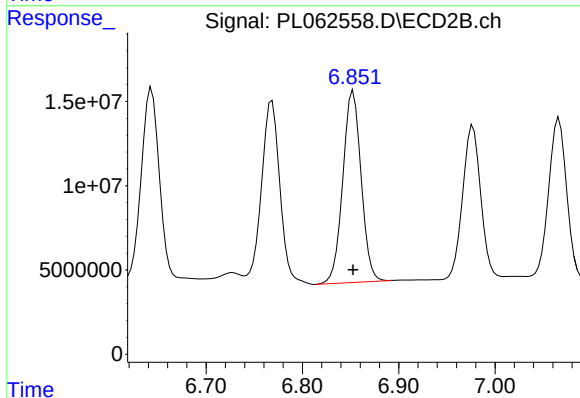
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 152002714  
Conc: 54.46 ng/ml



#15 Endosulfan II

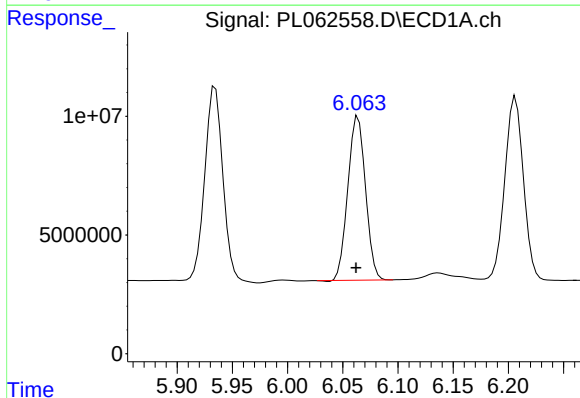
R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 89845471  
Conc: 54.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



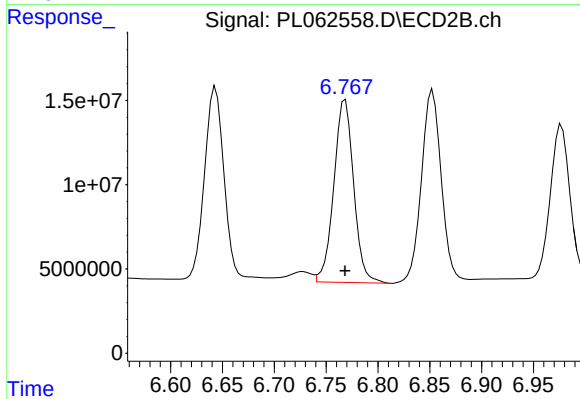
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 149811812  
Conc: 52.41 ng/ml



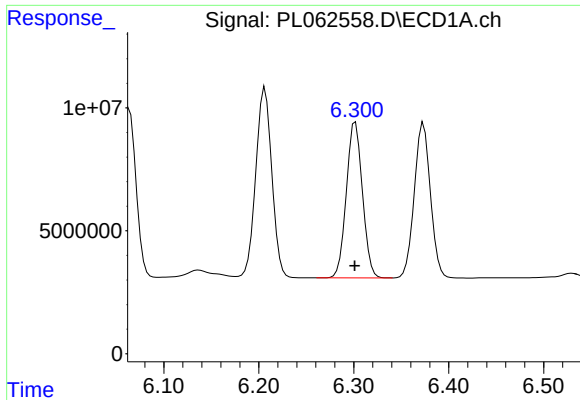
#16 4,4'-DDD

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 76903009  
Conc: 54.37 ng/ml



#16 4,4'-DDD

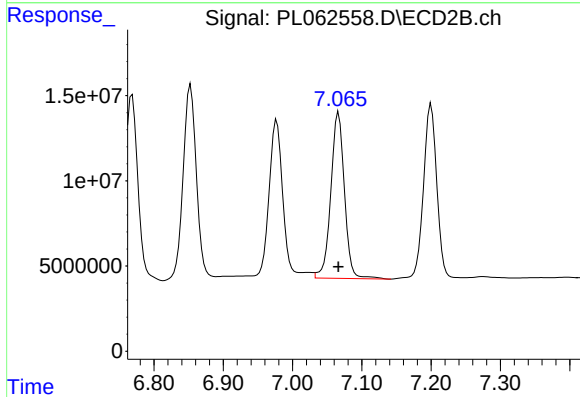
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 144614558  
Conc: 56.49 ng/ml



#17 4,4'-DDT

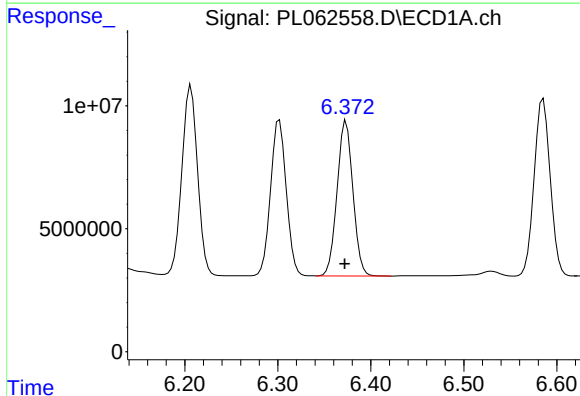
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 74537431  
Conc: 55.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



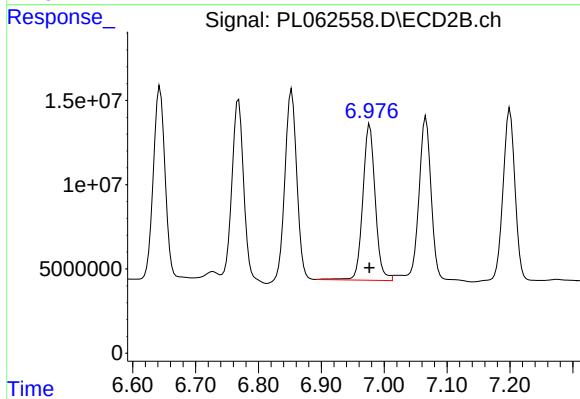
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 133482809  
Conc: 59.45 ng/ml



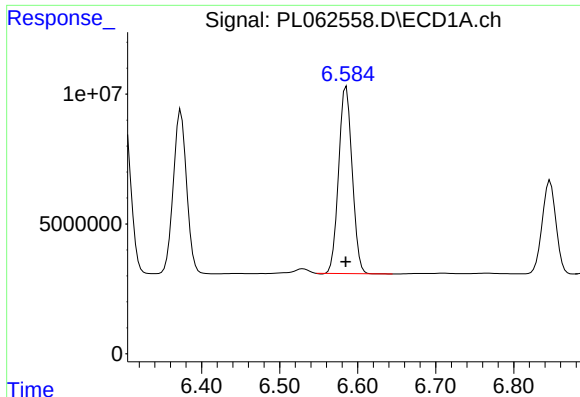
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 74771242  
Conc: 51.49 ng/ml



#18 Endrin aldehyde

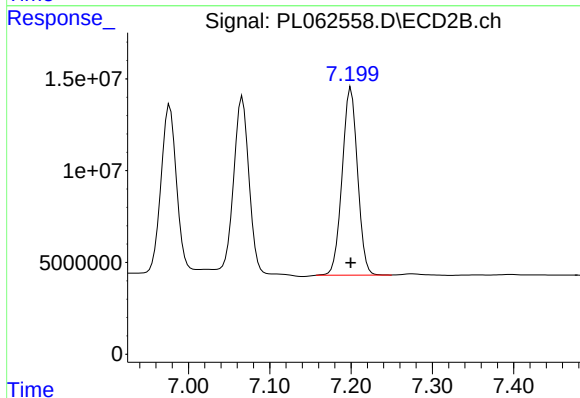
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 126796491  
Conc: 55.60 ng/ml



#19 Endosulfan Sulfate

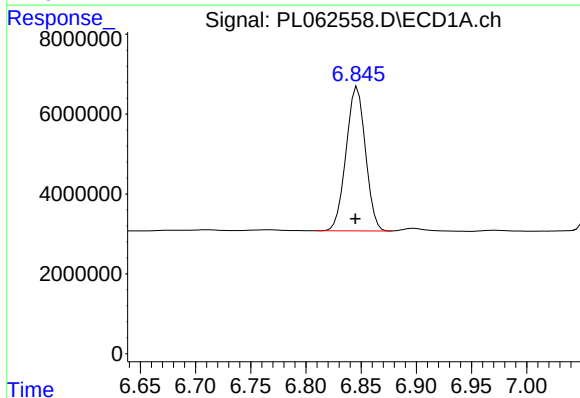
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 86445394  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



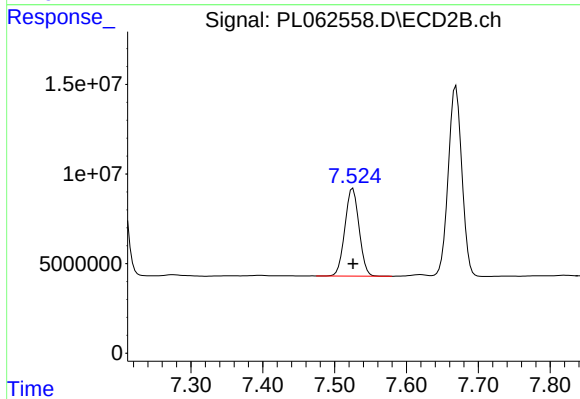
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 134023493  
Conc: 55.86 ng/ml



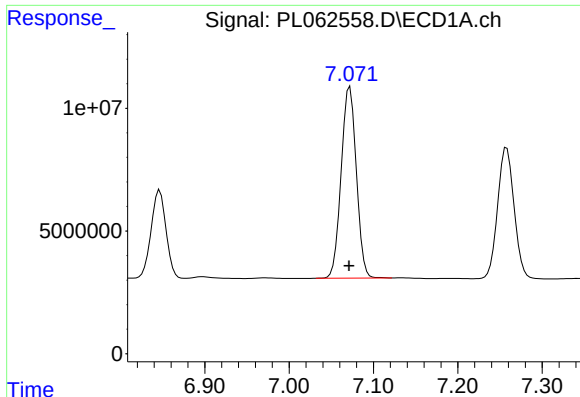
#20 Methoxychlor

R.T.: 6.847 min  
Delta R.T.: 0.002 min  
Response: 44005159  
Conc: 51.09 ng/ml



#20 Methoxychlor

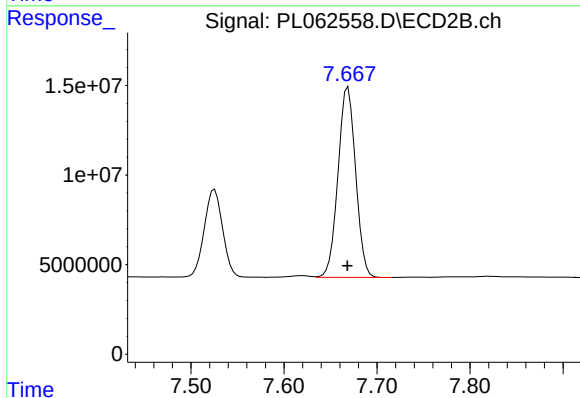
R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 66823014  
Conc: 54.09 ng/ml



#21 Endrin ketone

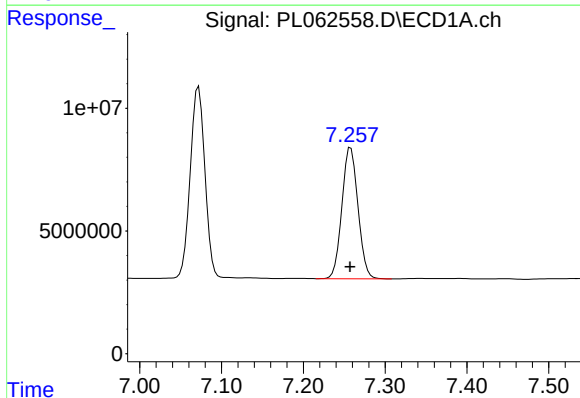
R.T.: 7.072 min  
Delta R.T.: 0.001 min  
Response: 97459755  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



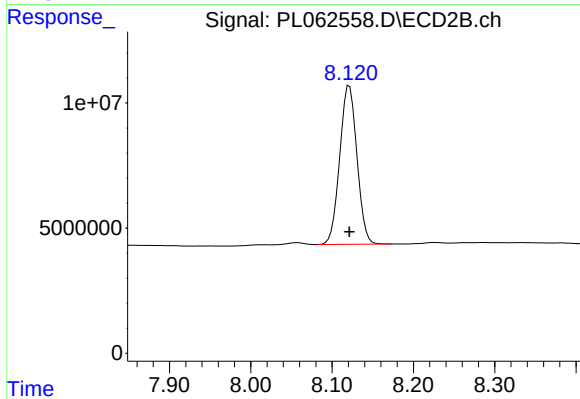
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 139891559  
Conc: 59.03 ng/ml



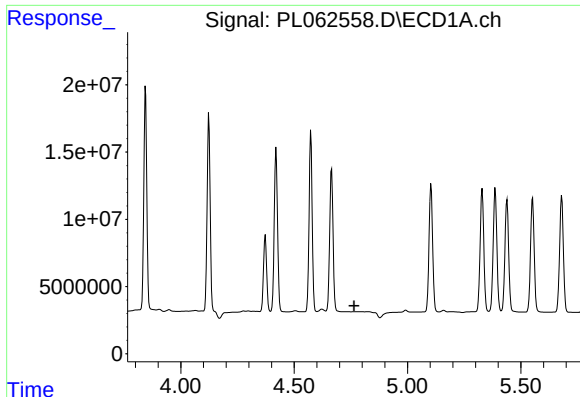
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 72659796  
Conc: 51.25 ng/ml



#22 Mirex

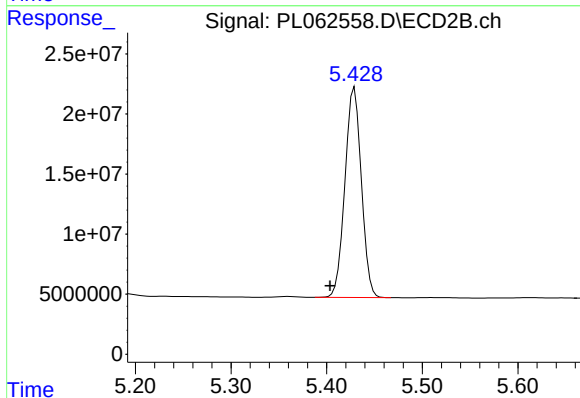
R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 93269040  
Conc: 54.73 ng/ml



#24 Chlordane-2

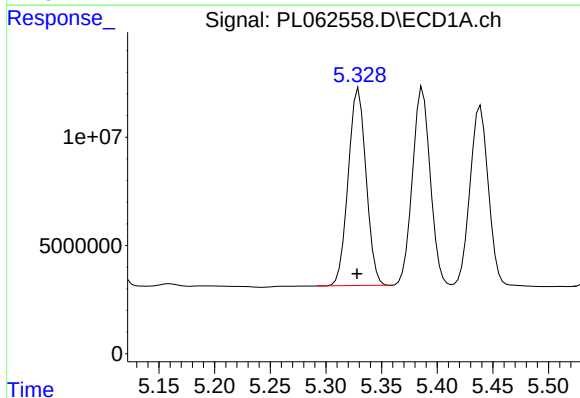
R.T.: 0.000 min  
Exp R.T.: 4.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



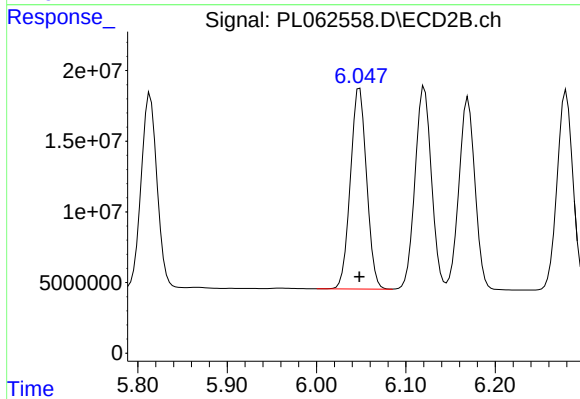
#24 Chlordane-2

R.T.: 5.429 min  
Delta R.T.: 0.025 min  
Response: 209699343  
Conc: 1923.21 ng/ml



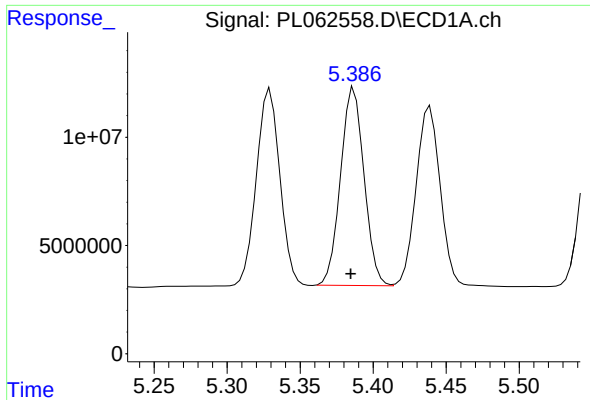
#25 Chlordane-3

R.T.: 5.329 min  
Delta R.T.: 0.002 min  
Response: 101826609  
Conc: 664.97 ng/ml



#25 Chlordane-3

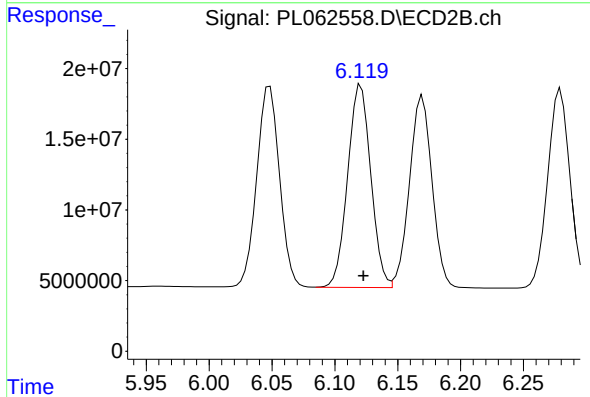
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 179682712  
Conc: 444.82 ng/ml



#26 Chlordane-4

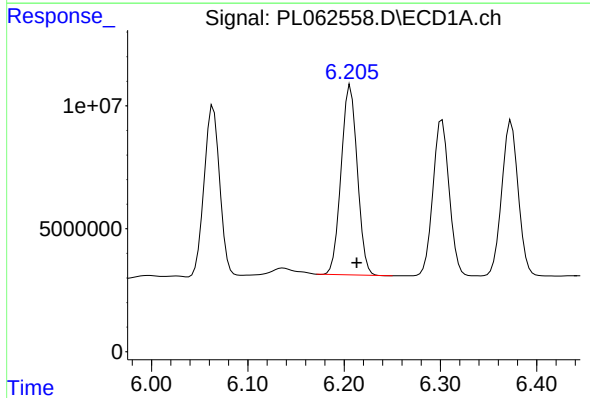
R.T.: 5.387 min  
Delta R.T.: 0.002 min  
Response: 102252924  
Conc: 784.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



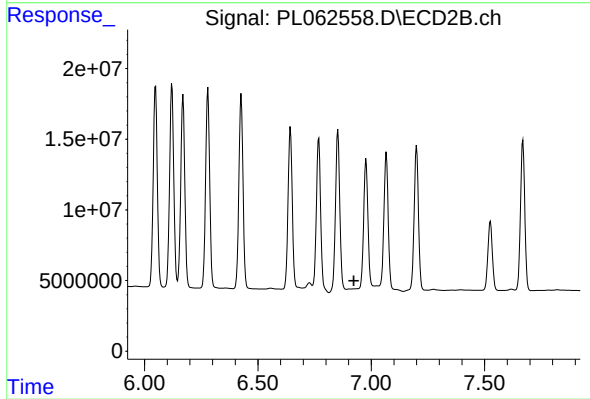
#26 Chlordane-4

R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 184130728  
Conc: 380.21 ng/ml



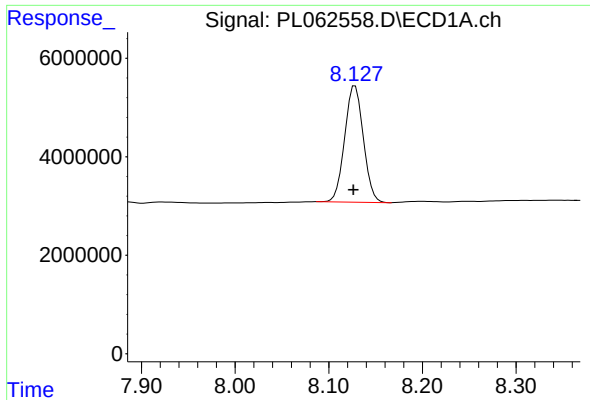
#27 Chlordane-5

R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 89845471  
Conc: 1862.25 ng/ml



#27 Chlordane-5

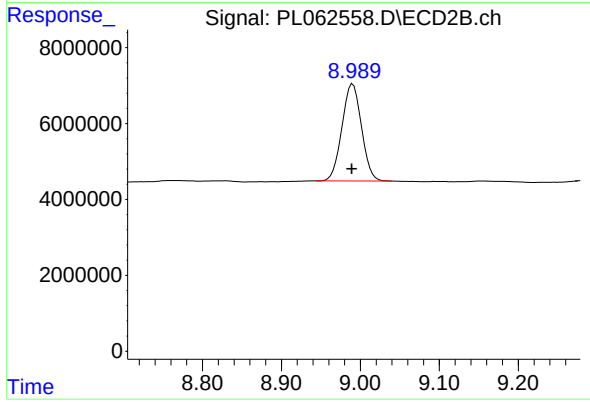
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.128 min  
Delta R.T.: 0.002 min  
Response: 32797926  
Conc: 20.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.001 min  
Response: 43994803  
Conc: 21.02 ng/ml