

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101322\  
 Data File : PL078319.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Oct 2022 12:16  
 Operator : AR\AJ  
 Sample : PB148264BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB148264BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 13 23:24:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 12 15:30:54 2022  
 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  | 2.620 | 33073157 | 50414002 | 20.013   | 19.073    |
| 28)                         | SA Decachlor... | 8.905  | 7.717 | 30463246 | 40991884 | 19.733   | 18.857    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.878  | 3.112 | 114.4E6  | 188.5E6  | 45.490   | 45.278    |
| 3)                          | MA gamma-BHC... | 4.214  | 3.436 | 104.4E6  | 168.8E6  | 44.760   | 48.440    |
| 4)                          | MA Heptachlor   | 4.789  | 3.767 | 101.7E6  | 163.3E6  | 45.732   | 45.730    |
| 5)                          | MB Aldrin       | 5.130  | 4.041 | 96239381 | 163.2E6  | 45.952   | 47.968    |
| 6)                          | B beta-BHC      | 4.427  | 3.736 | 43542023 | 65364593 | 43.778   | 44.337    |
| 7)                          | B delta-BHC     | 4.671  | 3.959 | 92797052 | 169.3E6  | 50.492   | 45.811    |
| 8)                          | B Heptachlo...  | 5.563  | 4.540 | 82833184 | 139.5E6  | 54.406   | 47.348    |
| 9)                          | A Endosulfan I  | 5.950  | 4.906 | 75020134 | 128.4E6  | 44.688   | 46.568    |
| 10)                         | B gamma-Chl...  | 5.819  | 4.789 | 83129785 | 139.8E6  | 46.655   | 46.693    |
| 11)                         | B alpha-Chl...  | 5.896  | 4.852 | 81645031 | 135.4E6  | 45.593   | 47.028    |
| 12)                         | B 4,4'-DDE      | 6.076  | 5.046 | 76809409 | 134.0E6  | 45.574   | 46.866    |
| 13)                         | MA Dieldrin     | 6.228  | 5.169 | 78235672 | 141.0E6  | 45.473   | 48.119    |
| 14)                         | MA Endrin       | 6.459  | 5.441 | 66178499 | 122.6E6  | 44.350   | 53.244    |
| 15)                         | B Endosulfa...  | 6.687  | 5.738 | 67311538 | 114.9E6  | 50.211   | 46.941    |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.599 | 57453660 | 106.0E6  | 46.660   | 47.603    |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.847 | 60196485 | 104.3E6  | 41.119   | 45.952    |
| 18)                         | B Endrin al...  | 6.819  | 5.917 | 55302990 | 90974377 | 48.325   | 49.166    |
| 19)                         | B Endosulfa...  | 7.052  | 6.140 | 62402890 | 106.8E6  | 43.750   | 44.386    |
| 20)                         | A Methoxychlor  | 7.393  | 6.425 | 32519225 | 54054117 | 42.918   | 42.798    |
| 21)                         | B Endrin ke...  | 7.541  | 6.639 | 67773057 | 116.3E6  | 43.442   | 43.909    |
| 22)                         | Mirex           | 8.000  | 6.815 | 52473086 | 83679804 | 44.426   | 43.496    |
| 24)                         | Chlordane-2     | 5.130f | 0.000 | 96239381 | 0        | 1366.386 | N.D. #    |
| 25)                         | Chlordane-3     | 5.819  | 4.789 | 83129785 | 139.8E6  | 319.755  | 456.833 # |
| 26)                         | Chlordane-4     | 5.896  | 4.852 | 81645031 | 135.4E6  | 255.641  | 419.372 # |
| -----                       |                 |        |       |          |          |          |           |

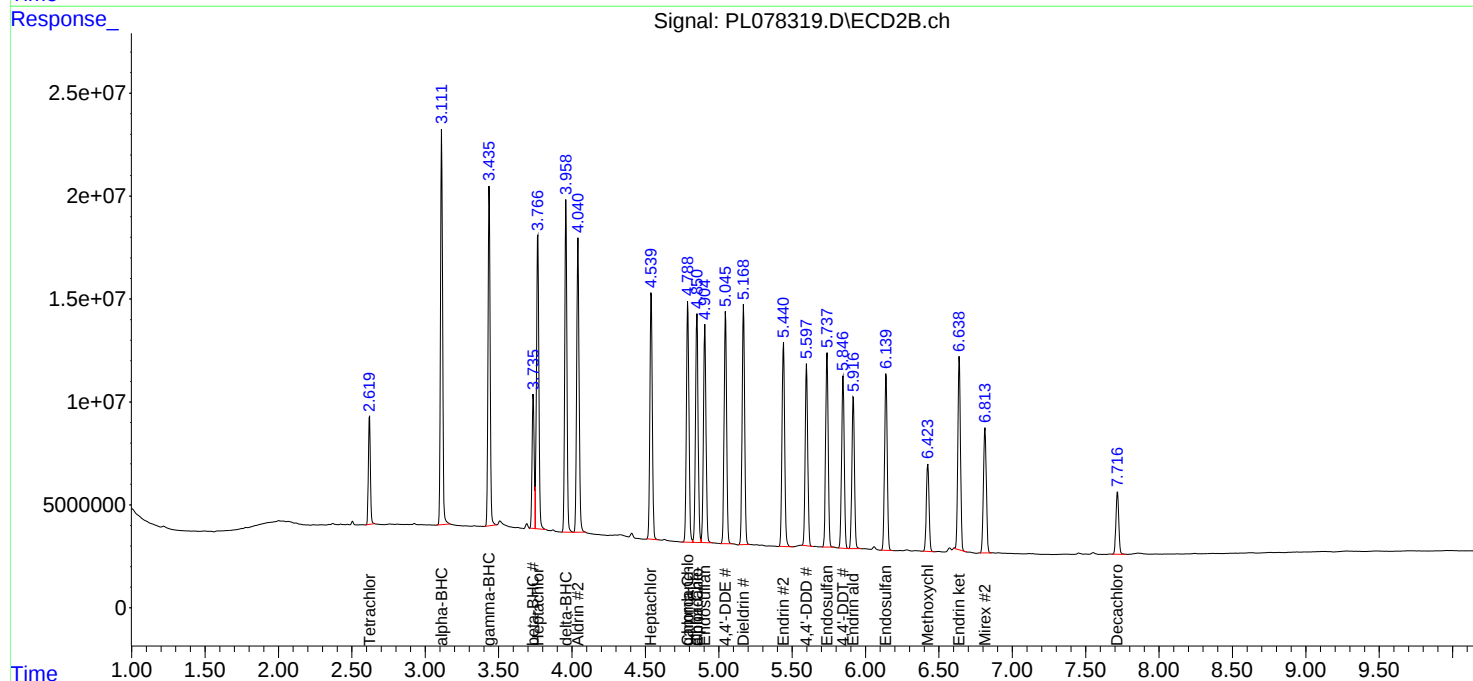
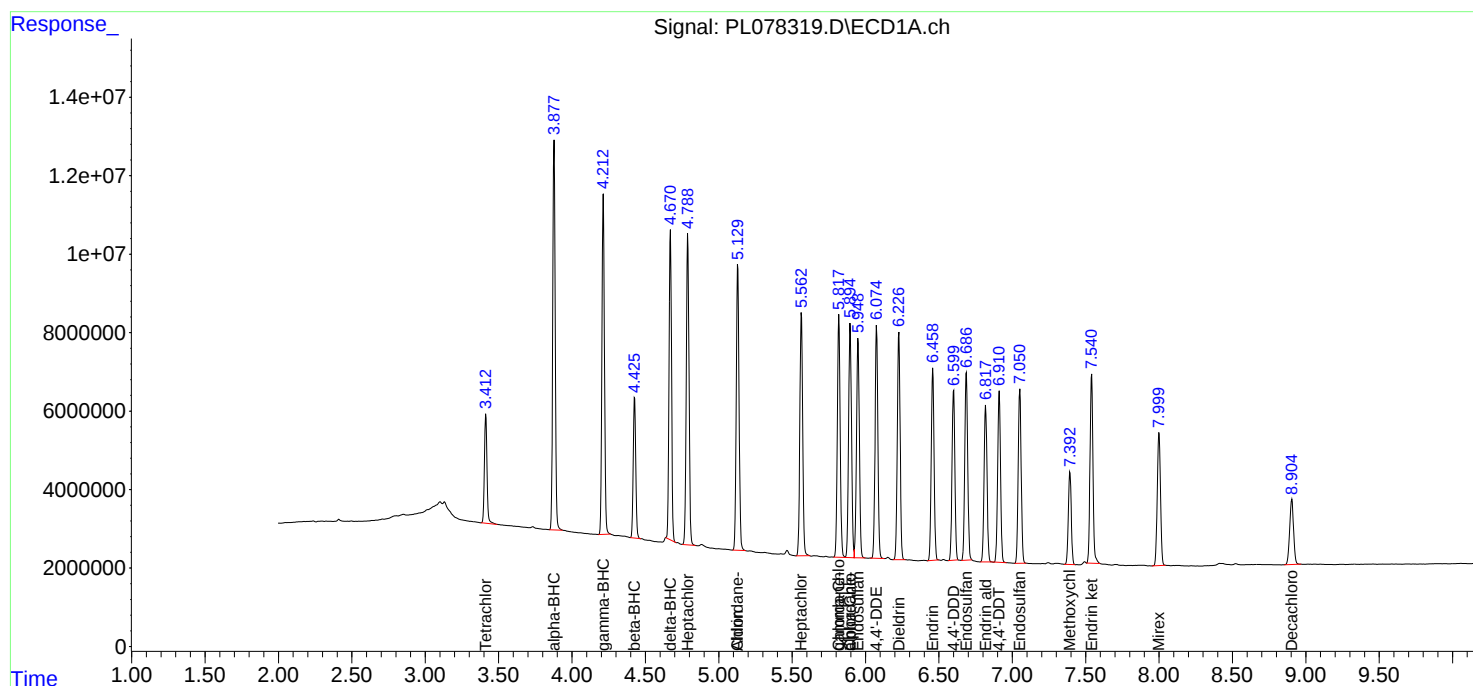
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

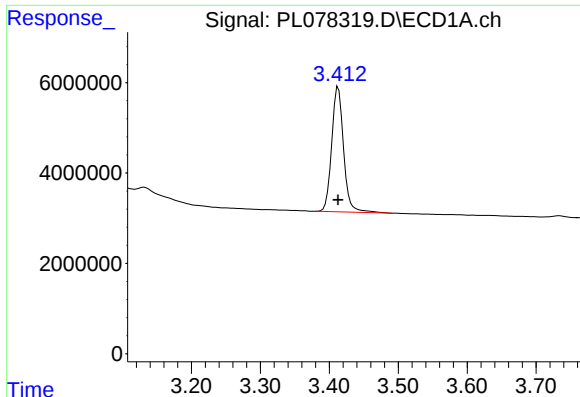
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101322\  
Data File : PL078319.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Oct 2022 12:16  
Operator : AR\AJ  
Sample : PB148264BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 13 23:24:37 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 12 15:30:54 2022  
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

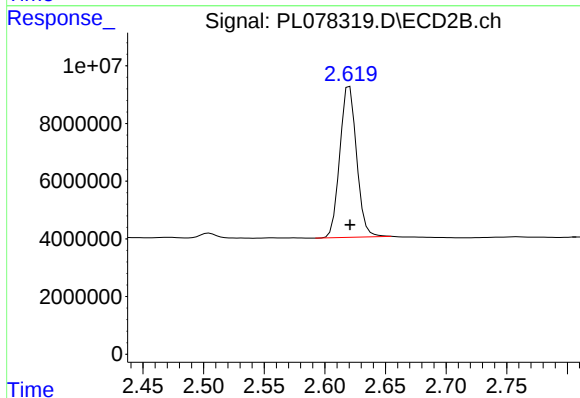




#1 Tetrachloro-m-xylene

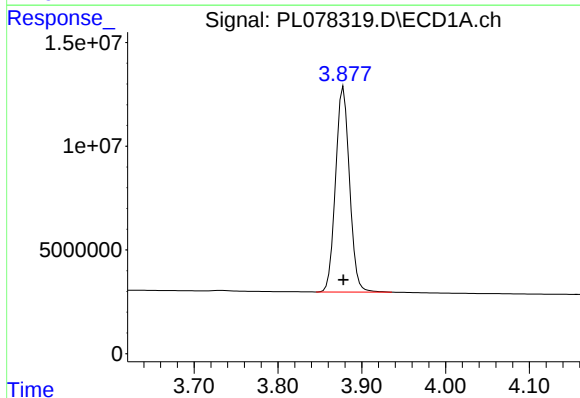
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 33073157  
Conc: 20.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



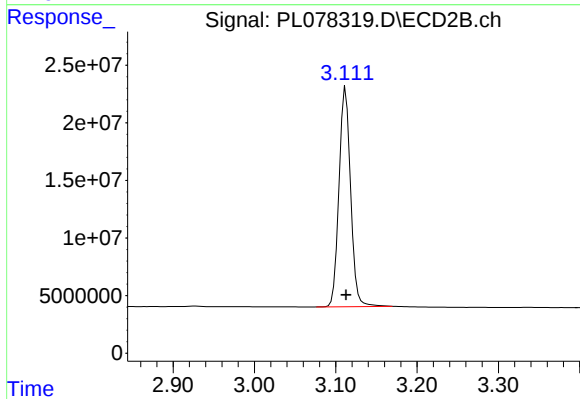
#1 Tetrachloro-m-xylene

R.T.: 2.620 min  
Delta R.T.: 0.000 min  
Response: 50414002  
Conc: 19.07 ng/ml



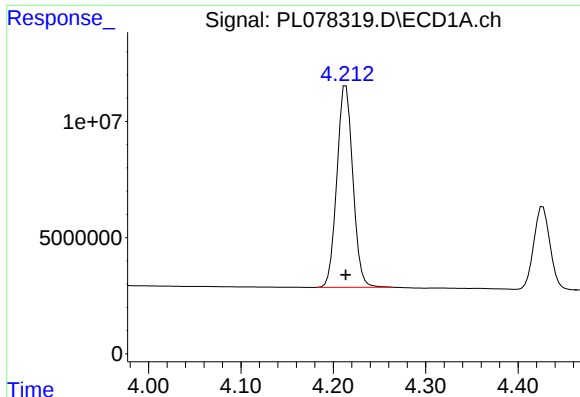
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 114395195  
Conc: 45.49 ng/ml



#2 alpha-BHC

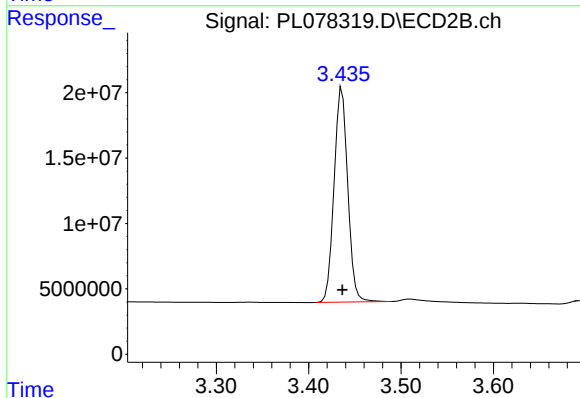
R.T.: 3.112 min  
Delta R.T.: 0.000 min  
Response: 188456432  
Conc: 45.28 ng/ml



#3 gamma-BHC (Lindane)

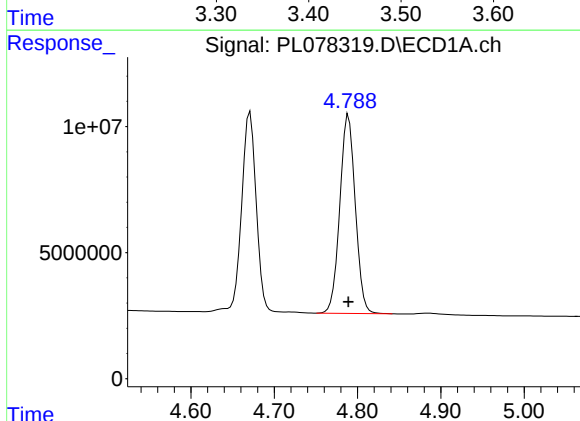
R.T.: 4.214 min  
Delta R.T.: 0.000 min  
Response: 104381910  
Conc: 44.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



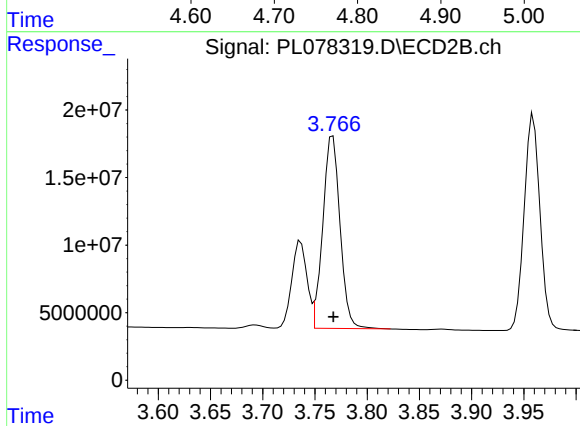
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 168791816  
Conc: 48.44 ng/ml



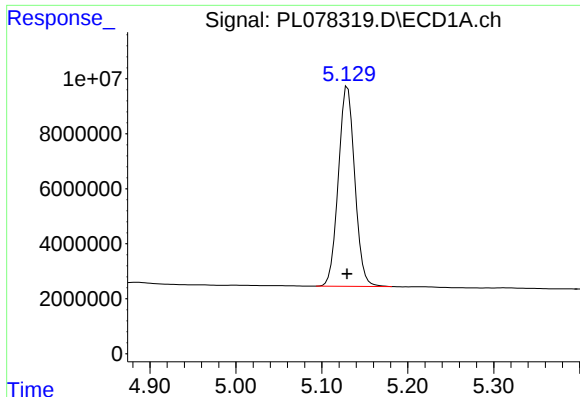
#4 Heptachlor

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 101654407  
Conc: 45.73 ng/ml



#4 Heptachlor

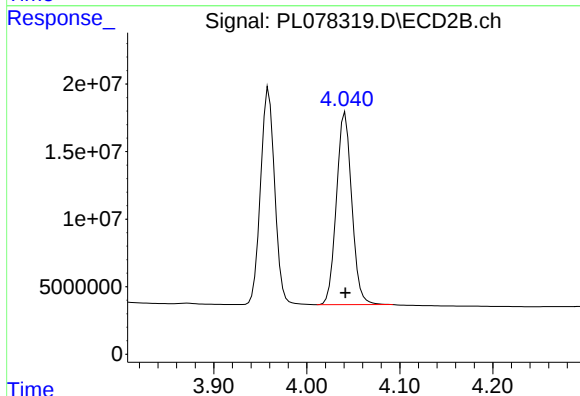
R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 163319028  
Conc: 45.73 ng/ml



#5 Aldrin

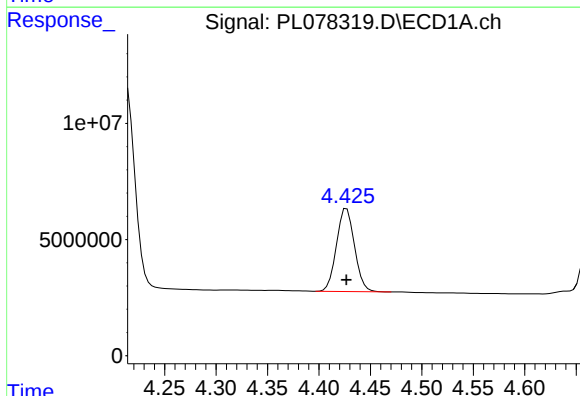
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 96239381  
Conc: 45.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



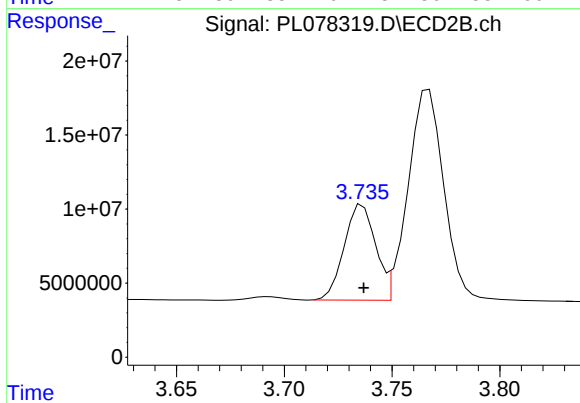
#5 Aldrin

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 163185809  
Conc: 47.97 ng/ml



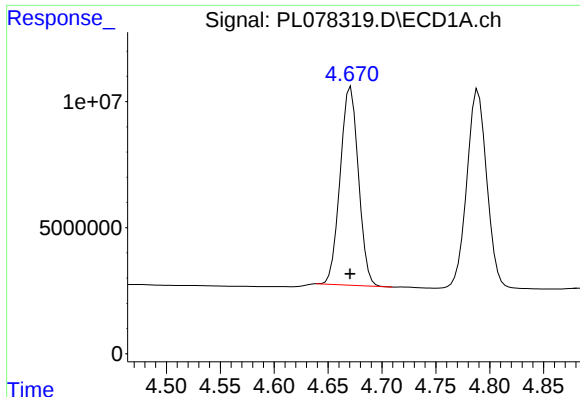
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 43542023  
Conc: 43.78 ng/ml



#6 beta-BHC

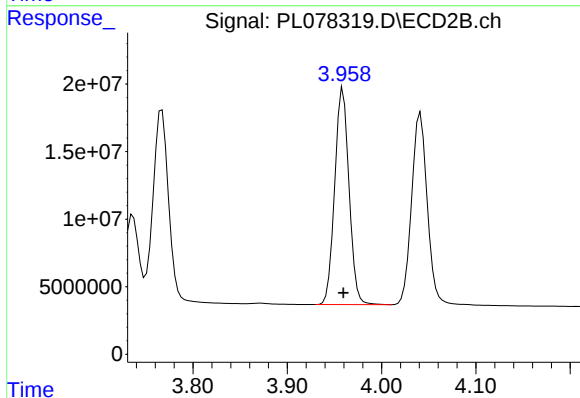
R.T.: 3.736 min  
Delta R.T.: 0.000 min  
Response: 65364593  
Conc: 44.34 ng/ml



#7 delta-BHC

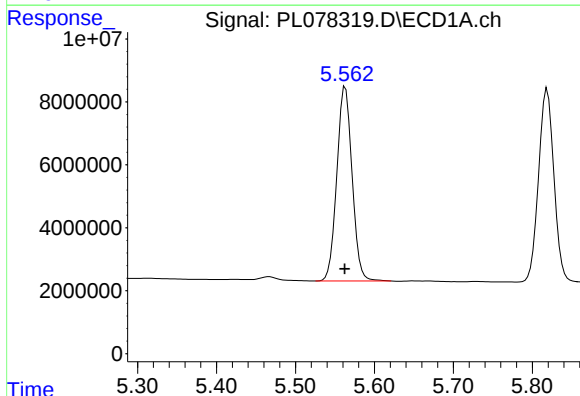
R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 92797052  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



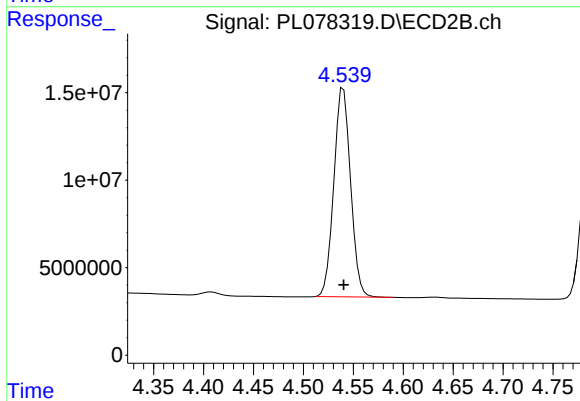
#7 delta-BHC

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 169341926  
Conc: 45.81 ng/ml



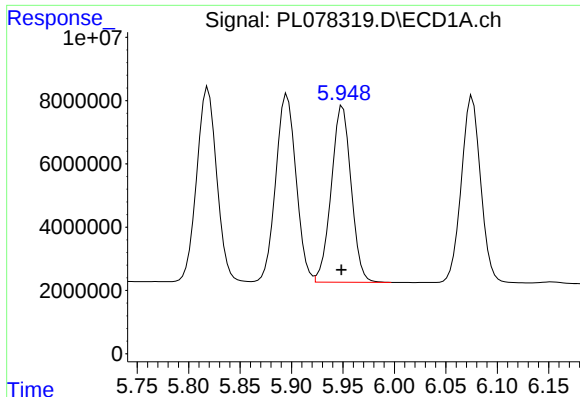
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: 0.001 min  
Response: 82833184  
Conc: 54.41 ng/ml



#8 Heptachlor epoxide

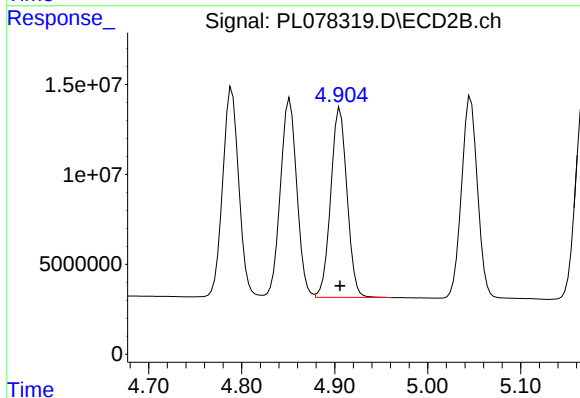
R.T.: 4.540 min  
Delta R.T.: 0.000 min  
Response: 139516584  
Conc: 47.35 ng/ml



#9 Endosulfan I

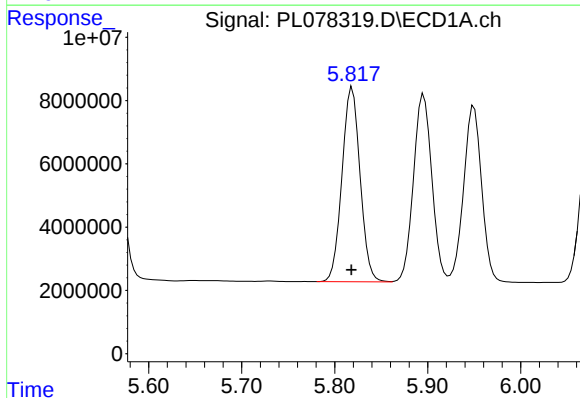
R.T.: 5.950 min  
Delta R.T.: 0.001 min  
Response: 75020134  
Conc: 44.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



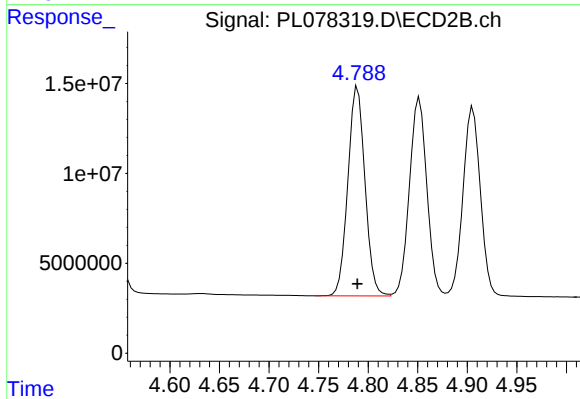
#9 Endosulfan I

R.T.: 4.906 min  
Delta R.T.: 0.000 min  
Response: 128438653  
Conc: 46.57 ng/ml



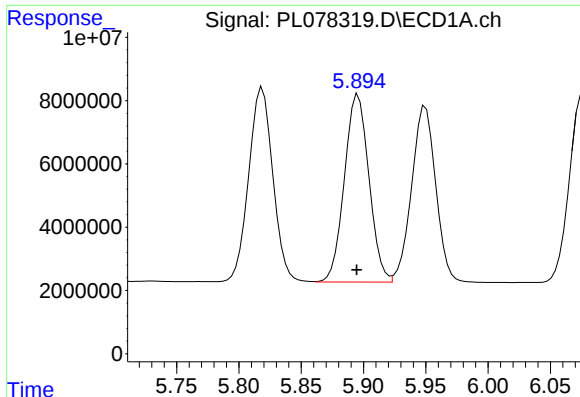
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 83129785  
Conc: 46.65 ng/ml



#10 gamma-Chlordane

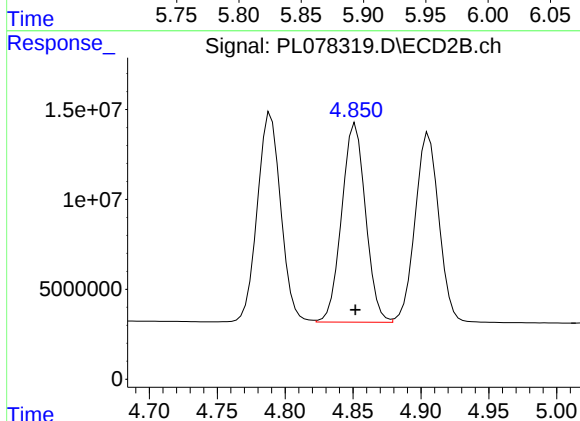
R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 139771996  
Conc: 46.69 ng/ml



#11 alpha-Chlordane

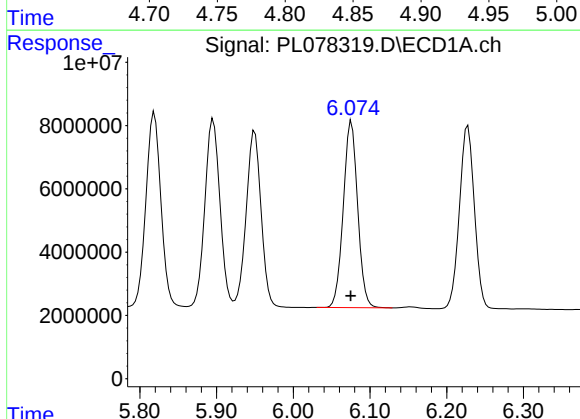
R.T.: 5.896 min  
Delta R.T.: 0.001 min  
Response: 81645031  
Conc: 45.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



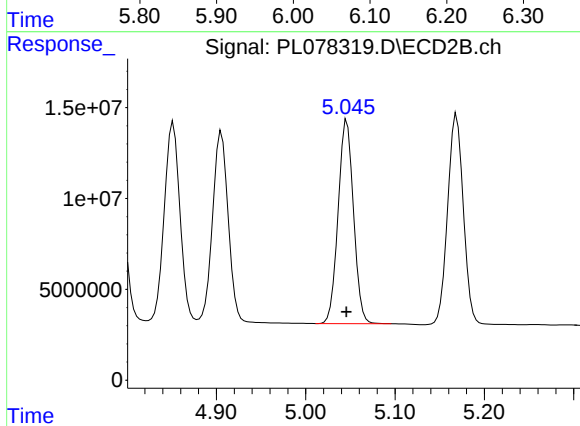
#11 alpha-Chlordane

R.T.: 4.852 min  
Delta R.T.: 0.000 min  
Response: 135422033  
Conc: 47.03 ng/ml



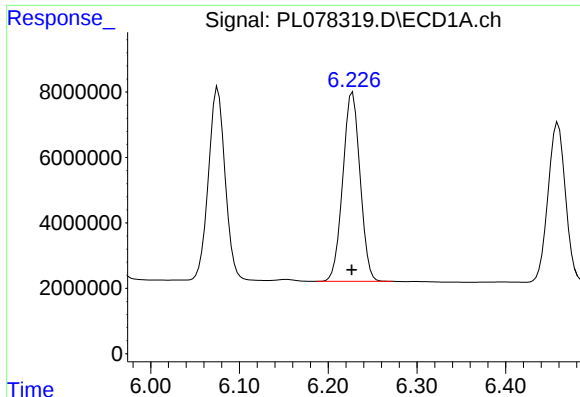
#12 4,4'-DDE

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 76809409  
Conc: 45.57 ng/ml



#12 4,4'-DDE

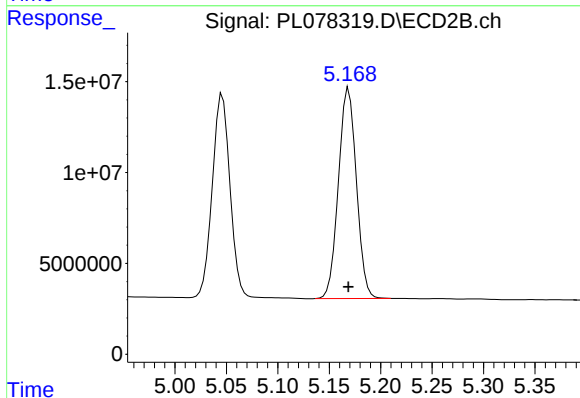
R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 133976567  
Conc: 46.87 ng/ml



#13 Dieldrin

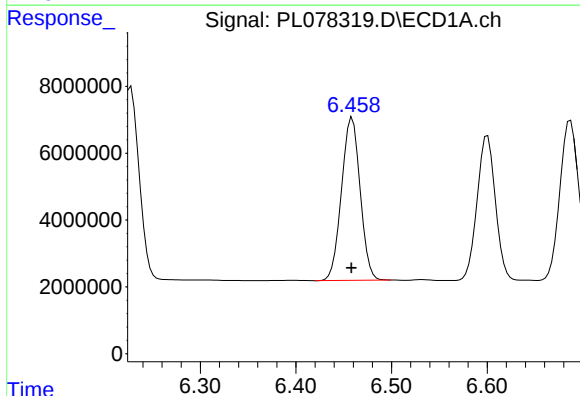
R.T.: 6.228 min  
Delta R.T.: 0.001 min  
Response: 78235672  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



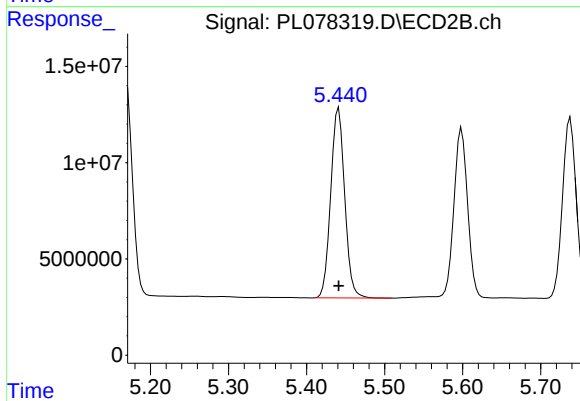
#13 Dieldrin

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 140996870  
Conc: 48.12 ng/ml



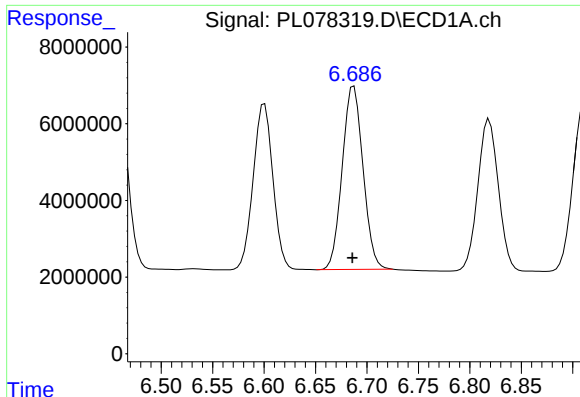
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 66178499  
Conc: 44.35 ng/ml



#14 Endrin

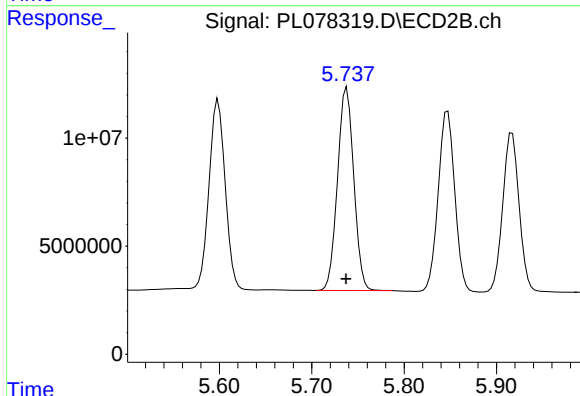
R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 122642441  
Conc: 53.24 ng/ml



#15 Endosulfan II

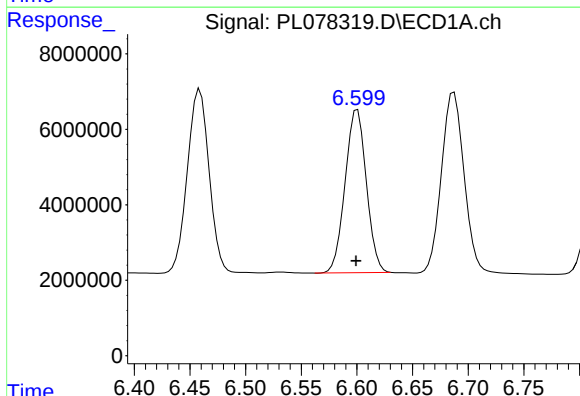
R.T.: 6.687 min  
Delta R.T.: 0.001 min  
Response: 67311538  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



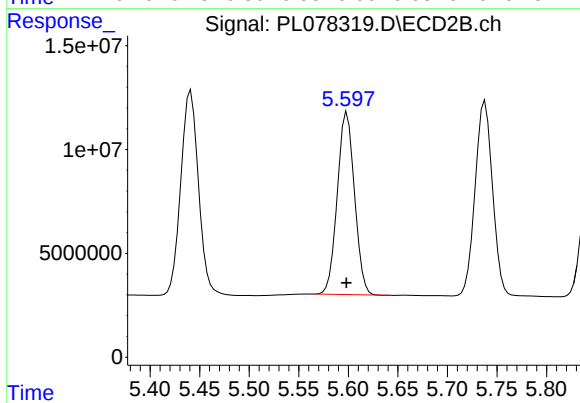
#15 Endosulfan II

R.T.: 5.738 min  
Delta R.T.: 0.000 min  
Response: 114910697  
Conc: 46.94 ng/ml



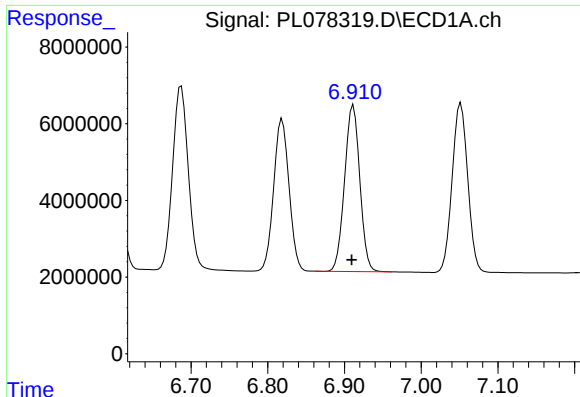
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: 0.001 min  
Response: 57453660  
Conc: 46.66 ng/ml



#16 4,4'-DDD

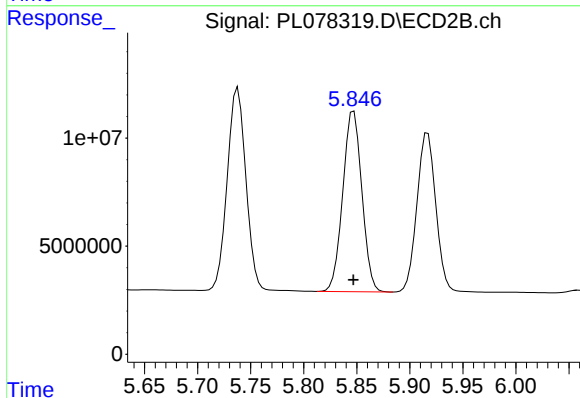
R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 106034006  
Conc: 47.60 ng/ml



#17 4,4'-DDT

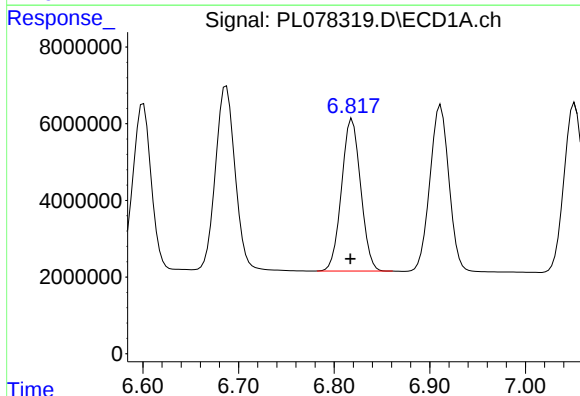
R.T.: 6.912 min  
Delta R.T.: 0.002 min  
Response: 60196485  
Conc: 41.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



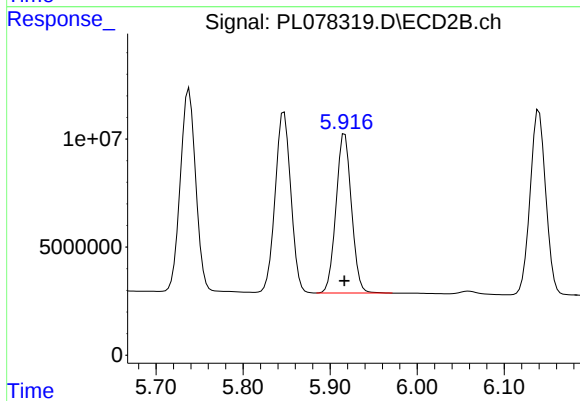
#17 4,4'-DDT

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 104305969  
Conc: 45.95 ng/ml



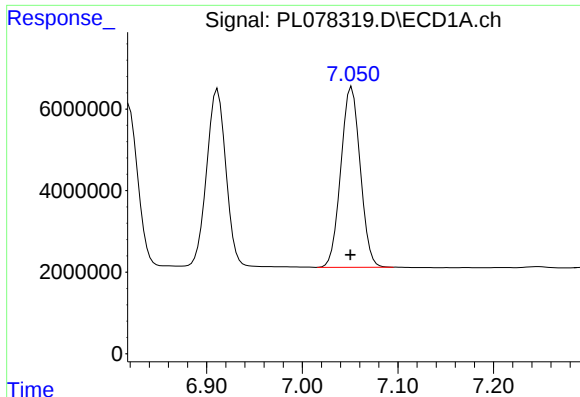
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: 0.002 min  
Response: 55302990  
Conc: 48.33 ng/ml



#18 Endrin aldehyde

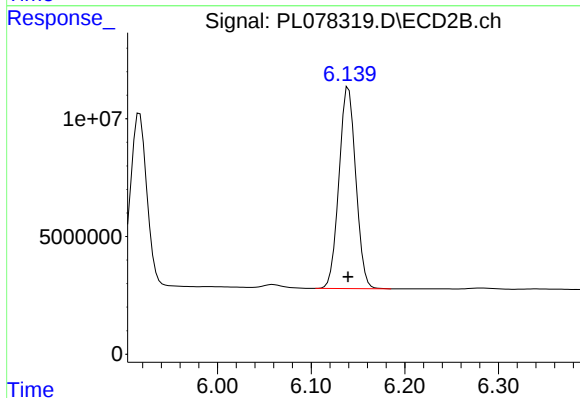
R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 90974377  
Conc: 49.17 ng/ml



#19 Endosulfan Sulfate

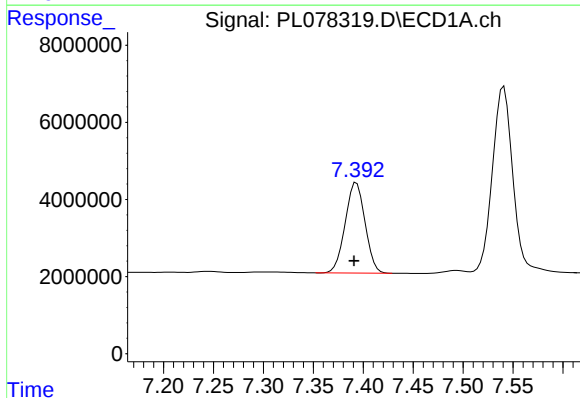
R.T.: 7.052 min  
Delta R.T.: 0.001 min  
Response: 62402890  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



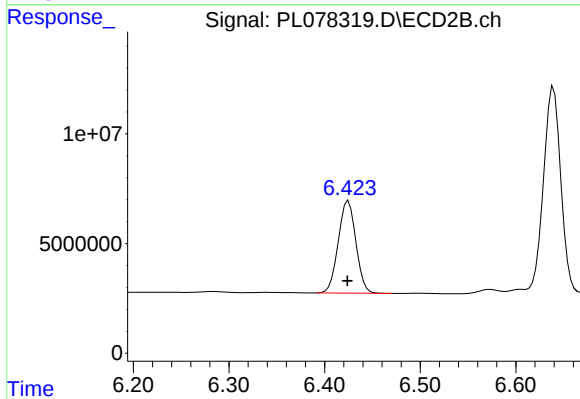
#19 Endosulfan Sulfate

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 106846820  
Conc: 44.39 ng/ml



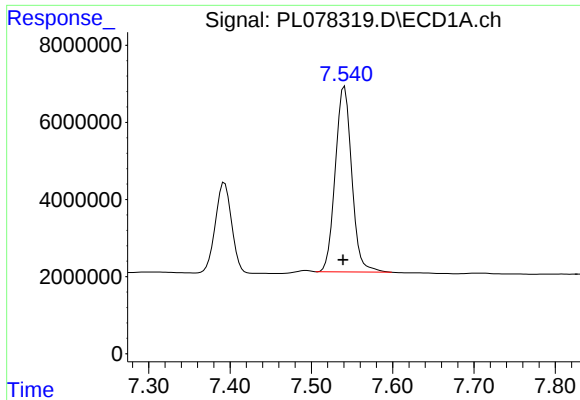
#20 Methoxychlor

R.T.: 7.393 min  
Delta R.T.: 0.002 min  
Response: 32519225  
Conc: 42.92 ng/ml



#20 Methoxychlor

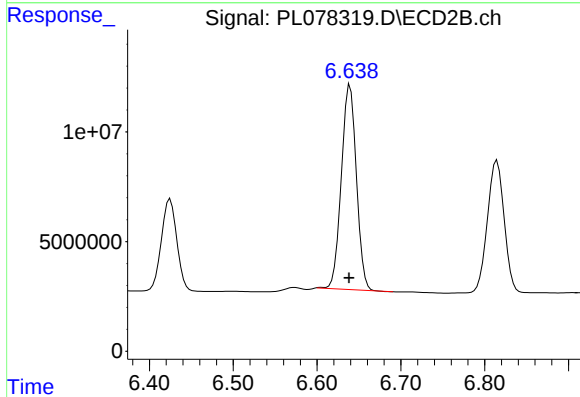
R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 54054117  
Conc: 42.80 ng/ml



#21 Endrin ketone

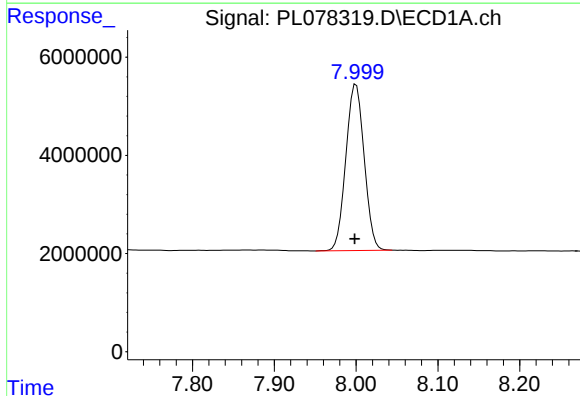
R.T.: 7.541 min  
Delta R.T.: 0.002 min  
Response: 67773057  
Conc: 43.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



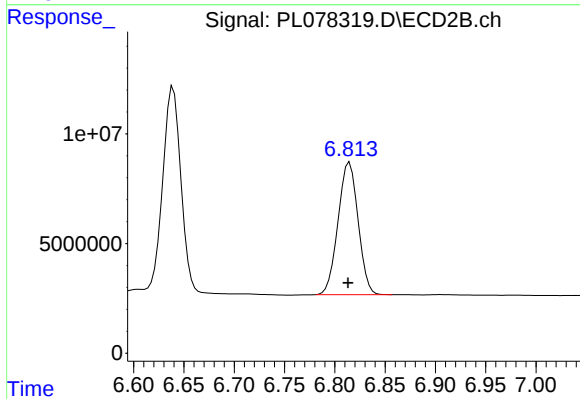
#21 Endrin ketone

R.T.: 6.639 min  
Delta R.T.: 0.000 min  
Response: 116333365  
Conc: 43.91 ng/ml



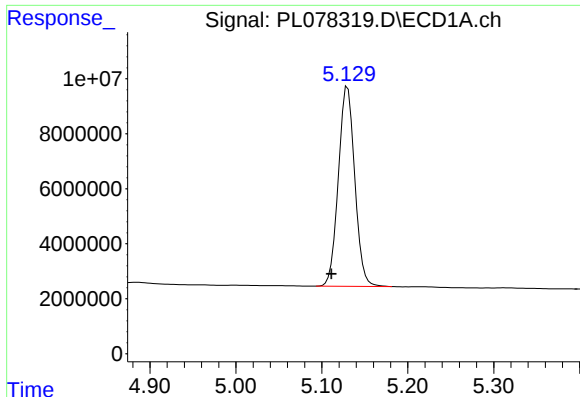
#22 Mirex

R.T.: 8.000 min  
Delta R.T.: 0.001 min  
Response: 52473086  
Conc: 44.43 ng/ml



#22 Mirex

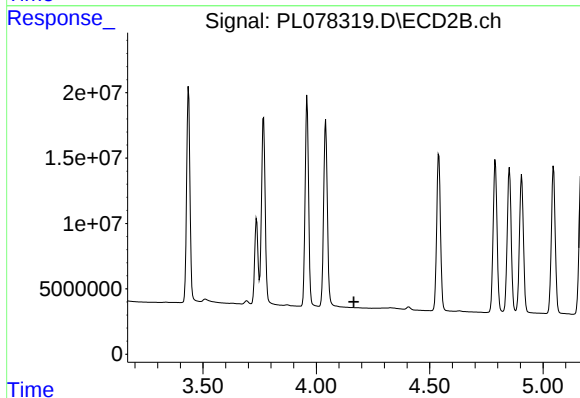
R.T.: 6.815 min  
Delta R.T.: 0.001 min  
Response: 83679804  
Conc: 43.50 ng/ml



#24 Chlordane-2

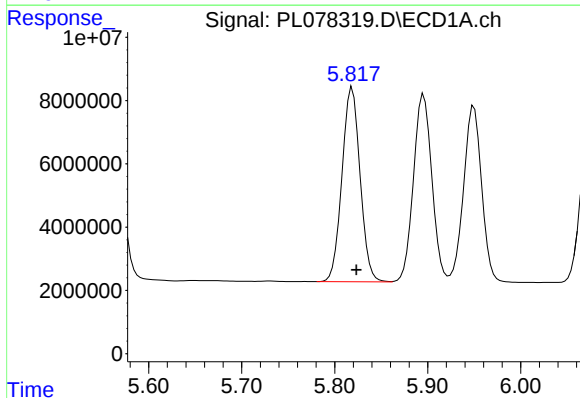
R.T.: 5.130 min  
Delta R.T.: 0.019 min  
Response: 96239381  
Conc: 1366.39 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



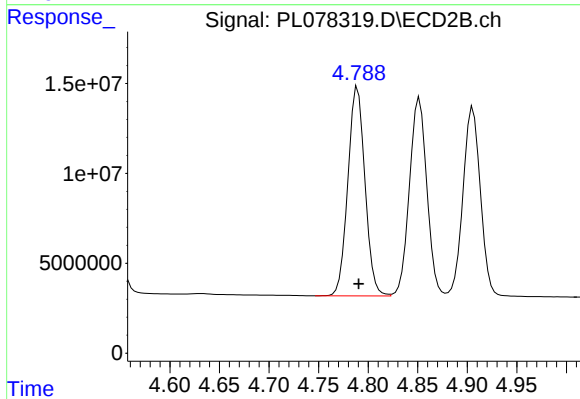
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.165 min  
Response: 0  
Conc: N.D.



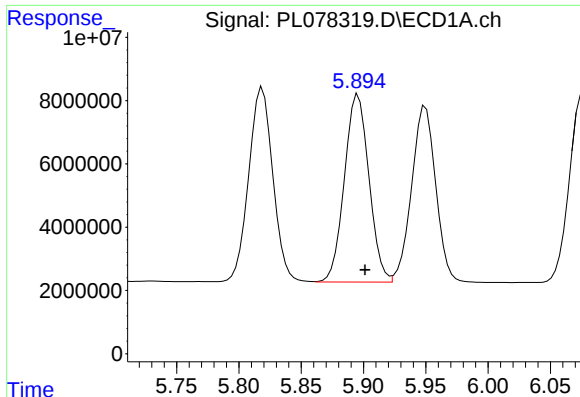
#25 Chlordane-3

R.T.: 5.819 min  
Delta R.T.: -0.004 min  
Response: 83129785  
Conc: 319.76 ng/ml



#25 Chlordane-3

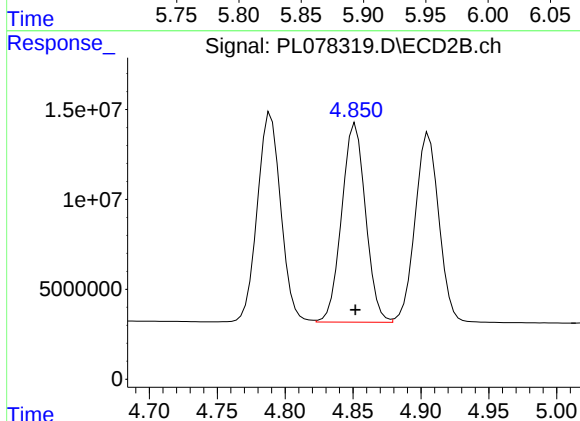
R.T.: 4.789 min  
Delta R.T.: -0.001 min  
Response: 139771996  
Conc: 456.83 ng/ml



#26 Chlordane-4

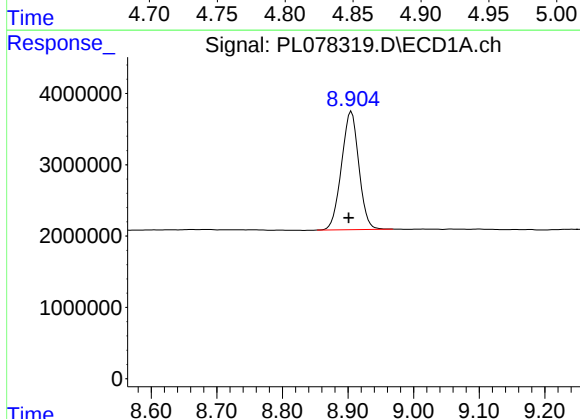
R.T.: 5.896 min  
Delta R.T.: -0.005 min  
Response: 81645031  
Conc: 255.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB148264BS



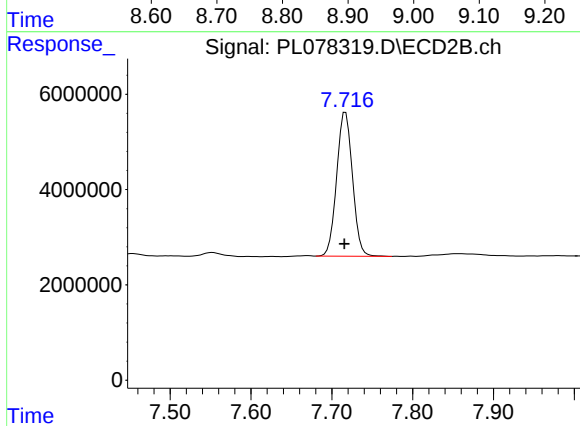
#26 Chlordane-4

R.T.: 4.852 min  
Delta R.T.: 0.000 min  
Response: 135422033  
Conc: 419.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.905 min  
Delta R.T.: 0.004 min  
Response: 30463246  
Conc: 19.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.717 min  
Delta R.T.: 0.002 min  
Response: 40991884  
Conc: 18.86 ng/ml