

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102020\  
 Data File : PL062439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 13:26  
 Operator : DD\AJ  
 Sample : PB132481BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 04:47:06 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:00:50 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 | 3.950  | 33721207 | 45676773 | 19.572   | 19.831     |
| 28)                         | SA Decachlor... | 8.124 | 8.991  | 37153824 | 42574452 | 21.166   | 21.471     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.844 | 4.336  | 121.9E6  | 166.1E6  | 48.739   | 49.342     |
| 3)                          | MA gamma-BHC... | 4.124 | 4.620  | 110.1E6  | 156.7E6  | 49.031   | 49.557     |
| 4)                          | MA Heptachlor   | 4.421 | 5.125  | 103.3E6  | 151.6E6  | 49.479   | 50.714     |
| 5)                          | MB Aldrin       | 4.665 | 5.429  | 91902988 | 139.2E6  | 49.310   | 50.687     |
| 6)                          | B beta-BHC      | 4.372 | 4.791  | 45772459 | 65831526 | 49.072   | 45.591     |
| 7)                          | B delta-BHC     | 4.573 | 5.006  | 105.4E6  | 139.6E6  | 49.106   | 53.484     |
| 8)                          | B Heptachlo...  | 5.103 | 5.814  | 88471676 | 128.0E6  | 49.771   | 52.938     |
| 9)                          | A Endosulfan I  | 5.438 | 6.169  | 82072873 | 120.7E6  | 50.166   | 49.939     |
| 10)                         | B gamma-Chl...  | 5.328 | 6.048  | 87804487 | 128.7E6  | 49.855   | 50.804     |
| 11)                         | B alpha-Chl...  | 5.386 | 6.120  | 87813278 | 130.0E6  | 49.605   | 50.439     |
| 12)                         | B 4,4'-DDE      | 5.550 | 6.279  | 80895584 | 123.6E6  | 50.075   | 50.850     |
| 13)                         | MA Dieldrin     | 5.679 | 6.426  | 86054170 | 124.3E6  | 50.052   | 50.653     |
| 14)                         | MA Endrin       | 5.933 | 6.643  | 81226908 | 108.7E6  | 50.036   | 51.967     |
| 15)                         | B Endosulfa...  | 6.205 | 6.853  | 80616701 | 111.8E6  | 48.986   | 51.046     |
| 16)                         | A 4,4'-DDD      | 6.062 | 6.768  | 69999615 | 99478400 | 50.409   | 52.166     |
| 17)                         | MA 4,4'-DDT     | 6.300 | 7.067  | 69062543 | 97561228 | 51.408   | 51.477     |
| 18)                         | B Endrin al...  | 6.372 | 6.977  | 70565706 | 94164714 | 49.707   | 50.387     |
| 19)                         | B Endosulfa...  | 6.584 | 7.199  | 80483010 | 103.4E6  | 50.090   | 50.396     |
| 20)                         | A Methoxychlor  | 6.844 | 7.526  | 42951934 | 55816440 | 50.619   | 50.317     |
| 21)                         | B Endrin ke...  | 7.070 | 7.668  | 92367147 | 108.1E6  | 49.879   | 50.817     |
| 22)                         | Mirex           | 7.256 | 8.122  | 71402427 | 79368615 | 48.626   | 48.456     |
| 24)                         | Chlordane-2     | 0.000 | 5.429f | 0        | 139.2E6  | N.D.     | 1670.066 # |
| 25)                         | Chlordane-3     | 5.328 | 6.048  | 87804487 | 128.7E6  | 601.095  | 423.226 #  |
| 26)                         | Chlordane-4     | 5.386 | 6.120  | 87813278 | 130.0E6  | 708.437  | 351.627 #  |
| 27)                         | Chlordane-5     | 6.205 | 0.000  | 80616701 | 0        | 1556.925 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

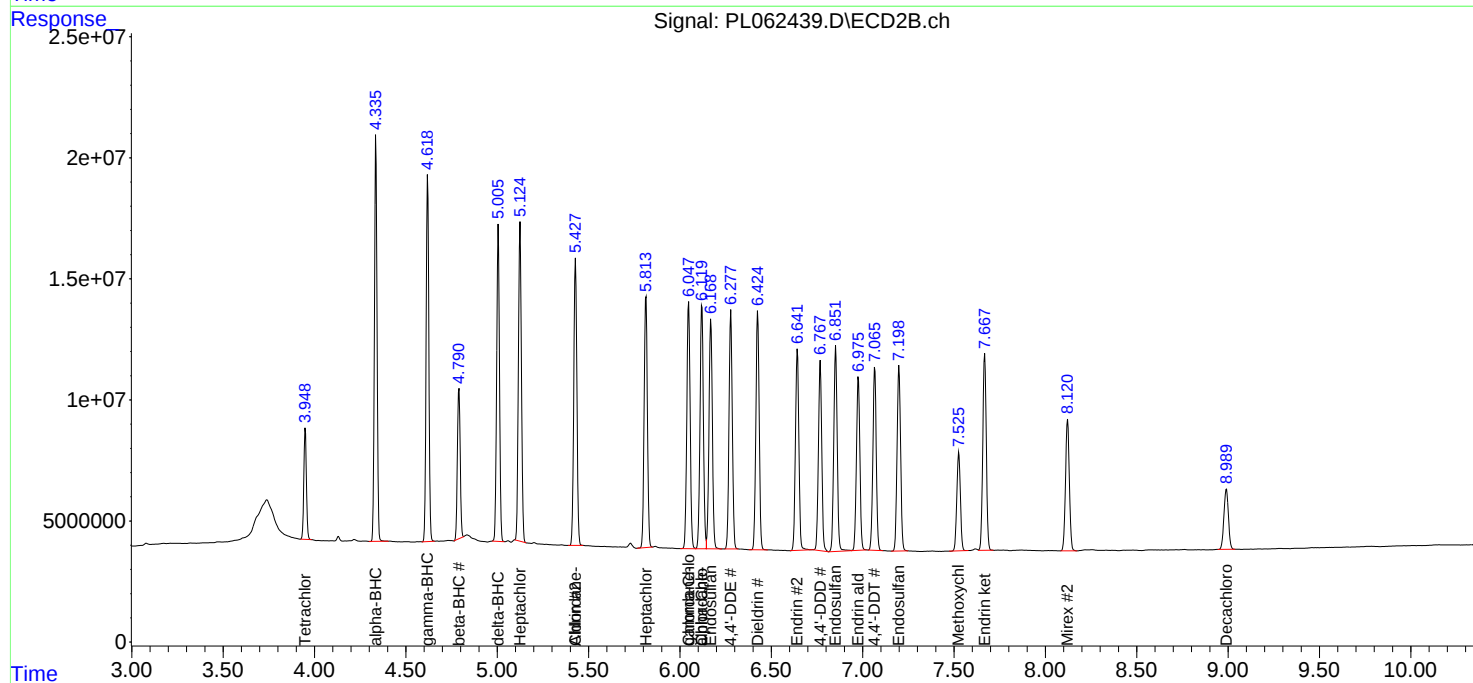
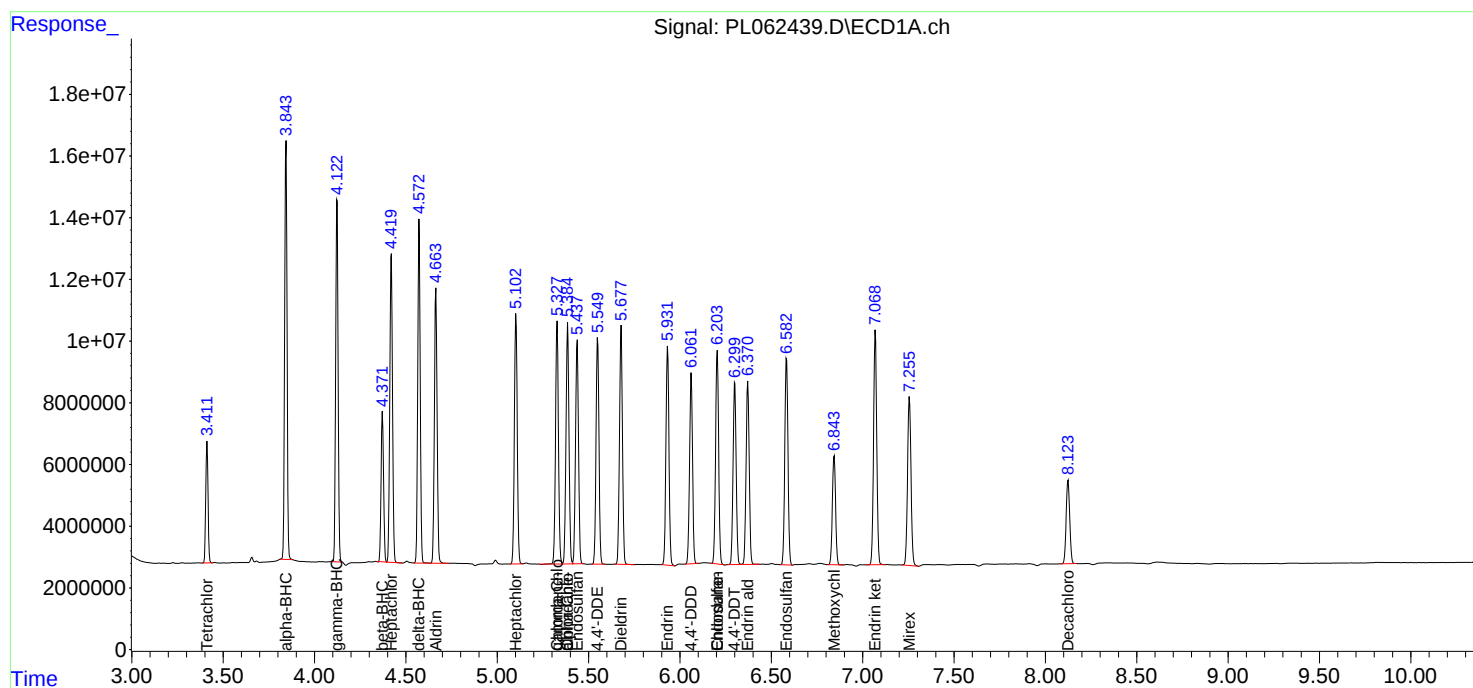
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

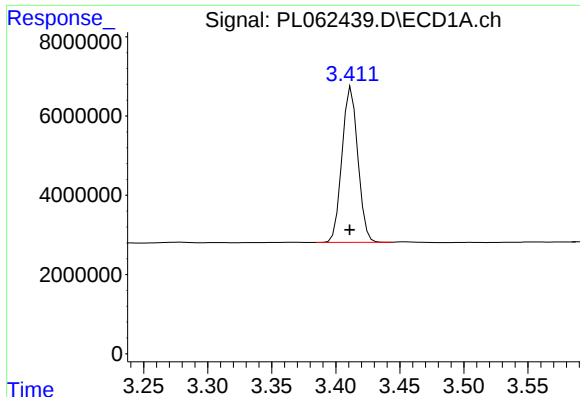
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102020\  
Data File : PL062439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2020 13:26  
Operator : DD\AJ  
Sample : PB132481BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 04:47:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101920.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 20 07:00:50 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

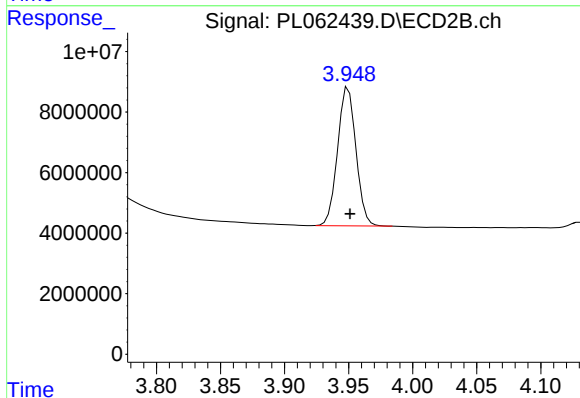




#1 Tetrachloro-m-xylene

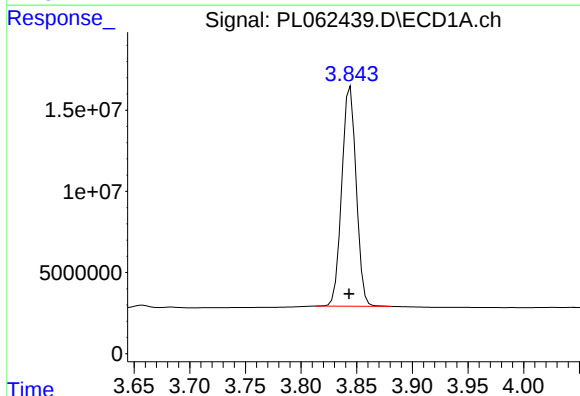
R.T.: 3.412 min  
Delta R.T.: 0.001 min  
Response: 33721207  
Conc: 19.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



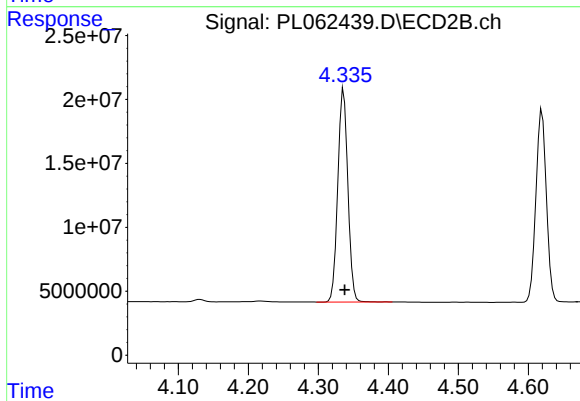
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: -0.001 min  
Response: 45676773  
Conc: 19.83 ng/ml



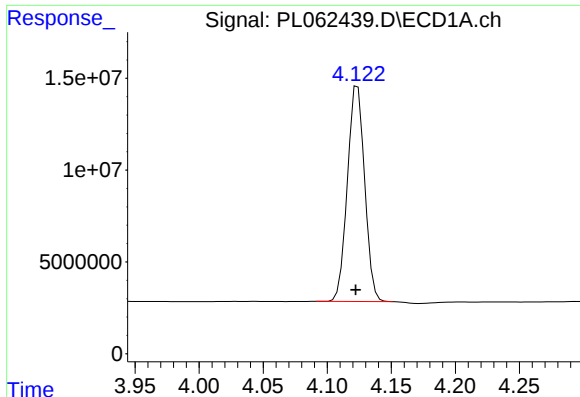
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.001 min  
Response: 121911375  
Conc: 48.74 ng/ml



#2 alpha-BHC

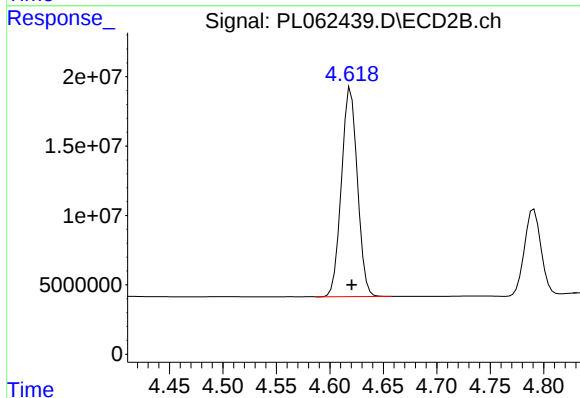
R.T.: 4.336 min  
Delta R.T.: -0.001 min  
Response: 166105591  
Conc: 49.34 ng/ml



#3 gamma-BHC (Lindane)

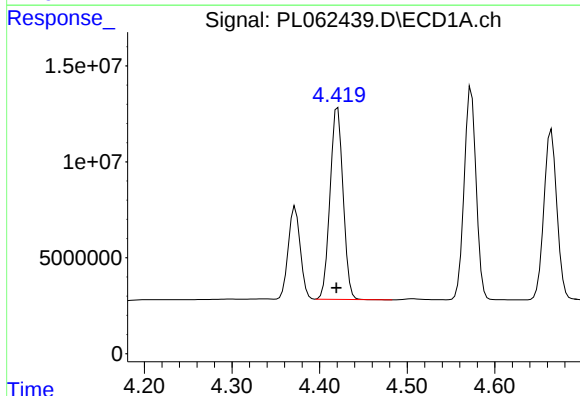
R.T.: 4.124 min  
Delta R.T.: 0.001 min  
Response: 110110787  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



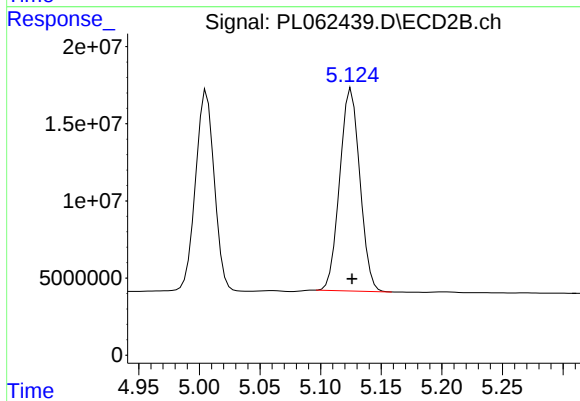
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 156653418  
Conc: 49.56 ng/ml



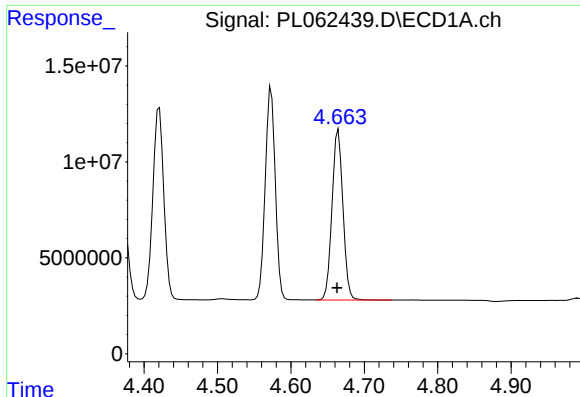
#4 Heptachlor

R.T.: 4.421 min  
Delta R.T.: 0.002 min  
Response: 103321976  
Conc: 49.48 ng/ml



#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 151574698  
Conc: 50.71 ng/ml



#5 Aldrin

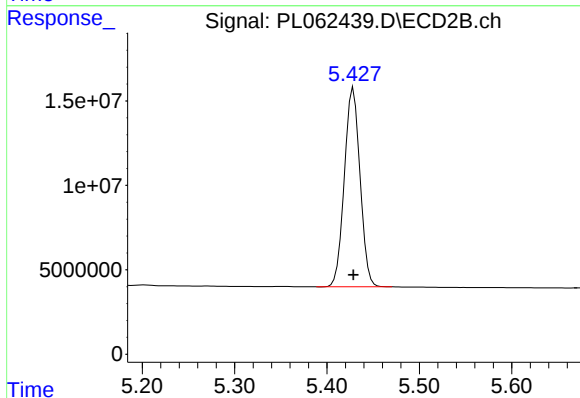
R.T.: 4.665 min

Delta R.T.: 0.002 min

Response: 91902988

Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



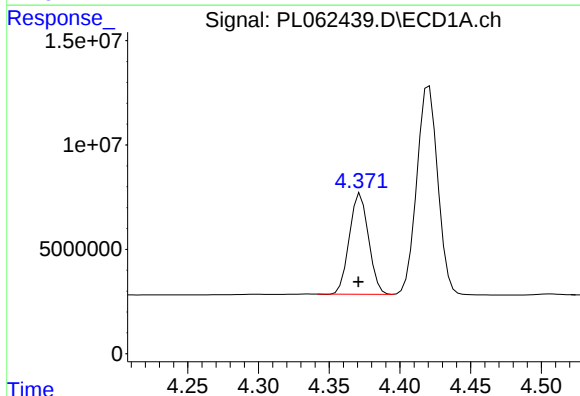
#5 Aldrin

R.T.: 5.429 min

Delta R.T.: 0.000 min

Response: 139177313

Conc: 50.69 ng/ml



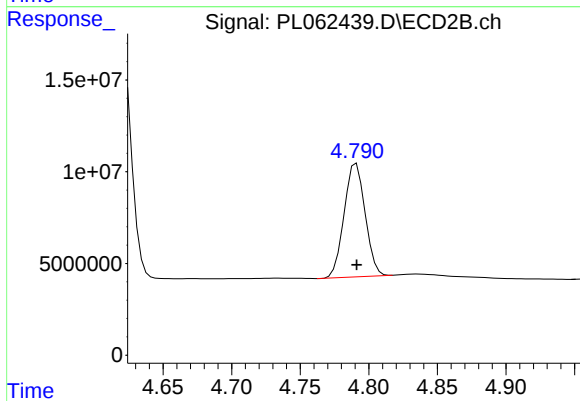
#6 beta-BHC

R.T.: 4.372 min

Delta R.T.: 0.002 min

Response: 45772459

Conc: 49.07 ng/ml



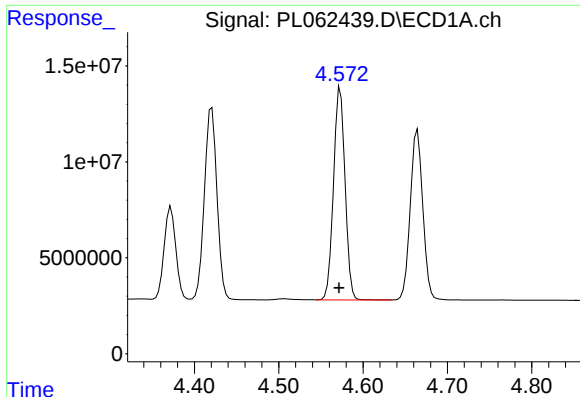
#6 beta-BHC

R.T.: 4.791 min

Delta R.T.: 0.000 min

Response: 65831526

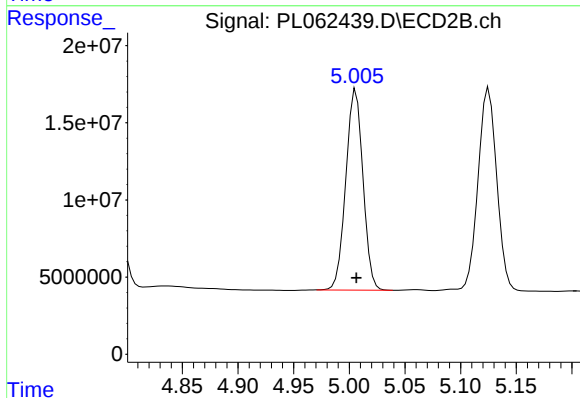
Conc: 45.59 ng/ml



#7 delta-BHC

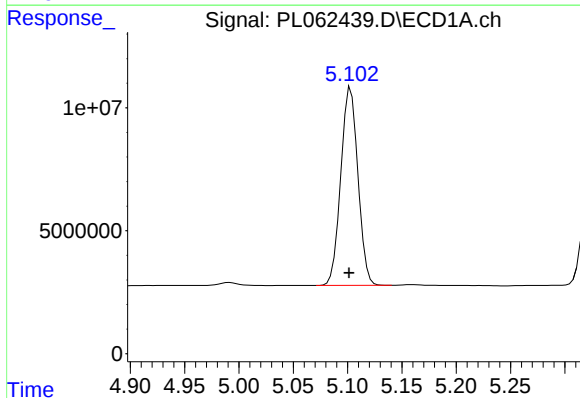
R.T.: 4.573 min  
Delta R.T.: 0.002 min  
Response: 105399206  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



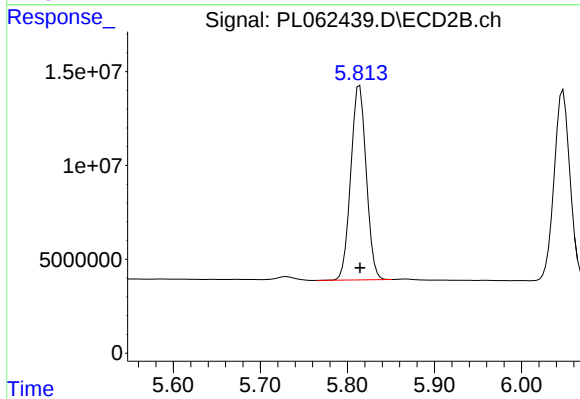
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 139626726  
Conc: 53.48 ng/ml



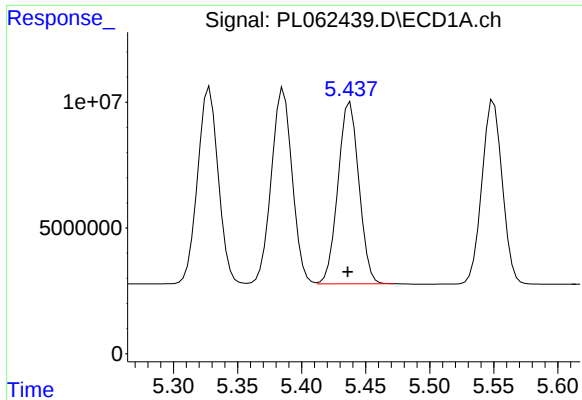
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.001 min  
Response: 88471676  
Conc: 49.77 ng/ml



#8 Heptachlor epoxide

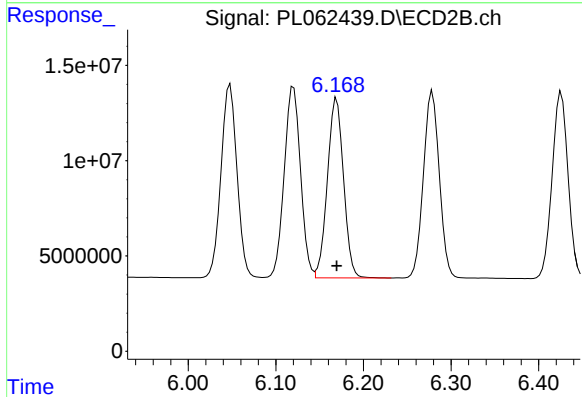
R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 127951243  
Conc: 52.94 ng/ml



#9 Endosulfan I

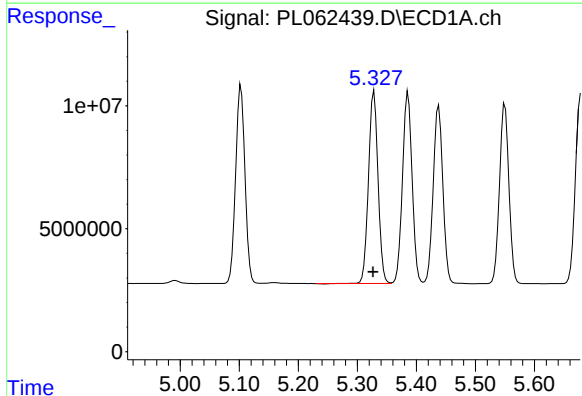
R.T.: 5.438 min  
Delta R.T.: 0.002 min  
Response: 82072873  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



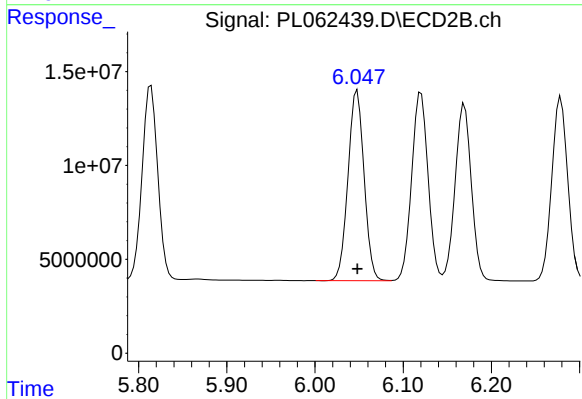
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 120725667  
Conc: 49.94 ng/ml



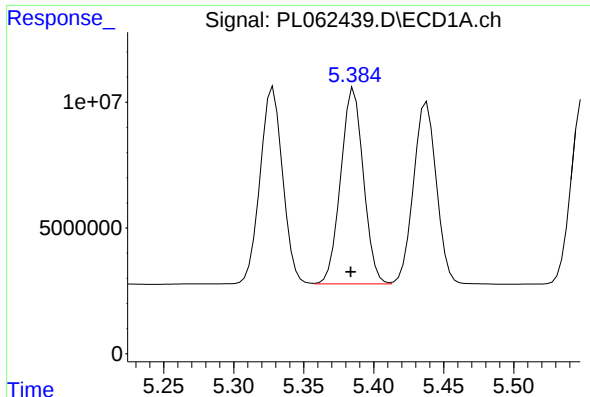
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.002 min  
Response: 87804487  
Conc: 49.86 ng/ml



#10 gamma-Chlordane

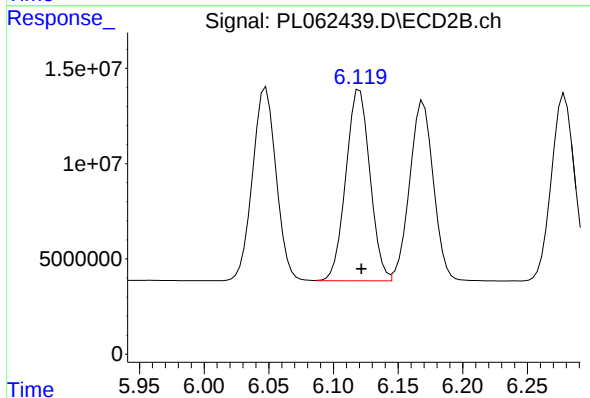
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 128673882  
Conc: 50.80 ng/ml



#11 alpha-Chlordane

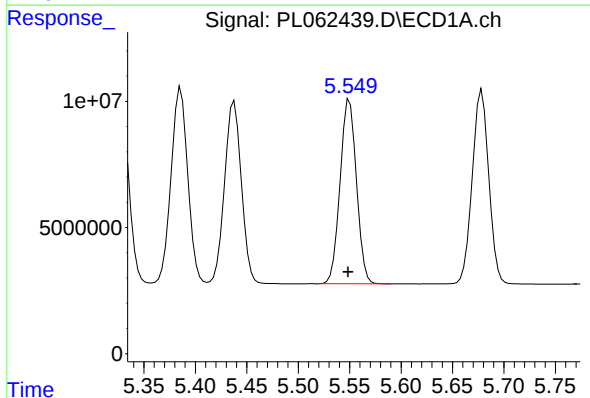
R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: 87813278  
Conc: 49.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



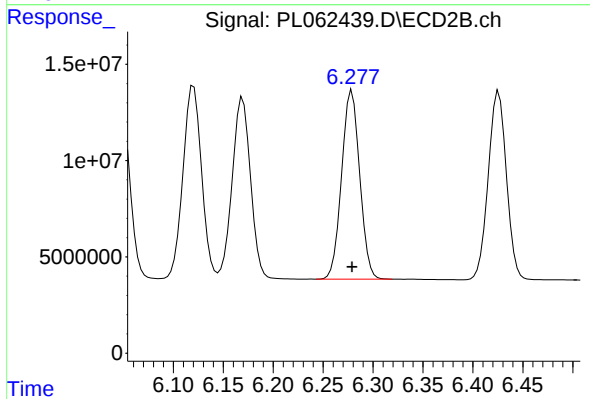
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 130019335  
Conc: 50.44 ng/ml



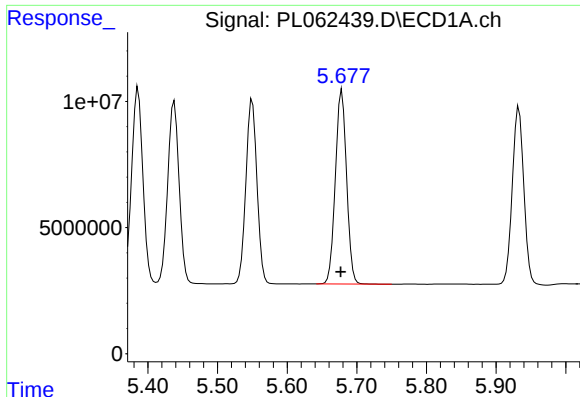
#12 4,4'-DDE

R.T.: 5.550 min  
Delta R.T.: 0.002 min  
Response: 80895584  
Conc: 50.08 ng/ml



#12 4,4'-DDE

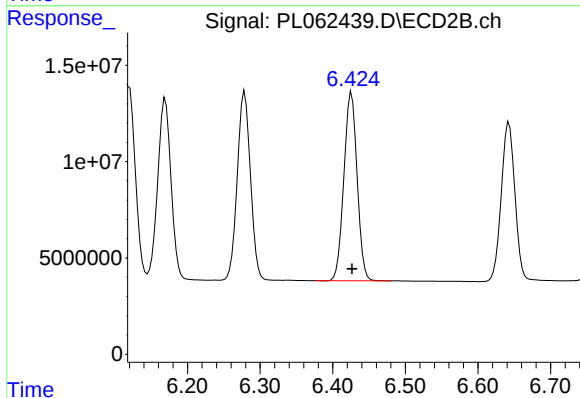
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 123570705  
Conc: 50.85 ng/ml



#13 Dieldrin

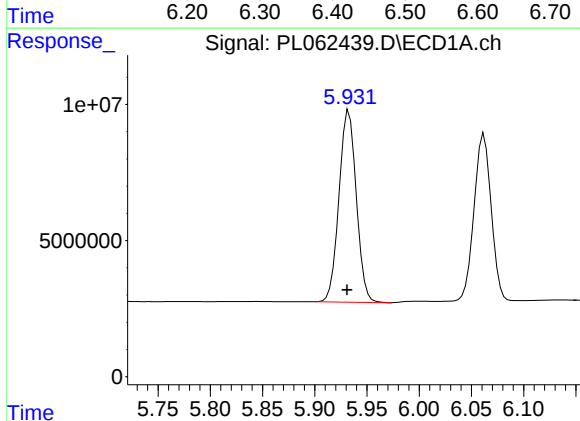
R.T.: 5.679 min  
Delta R.T.: 0.002 min  
Response: 86054170  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



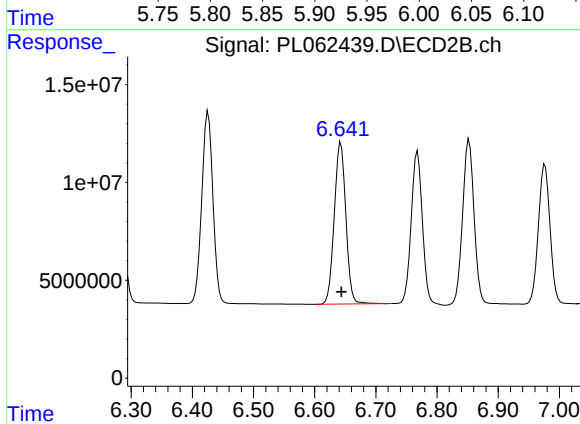
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 124256779  
Conc: 50.65 ng/ml



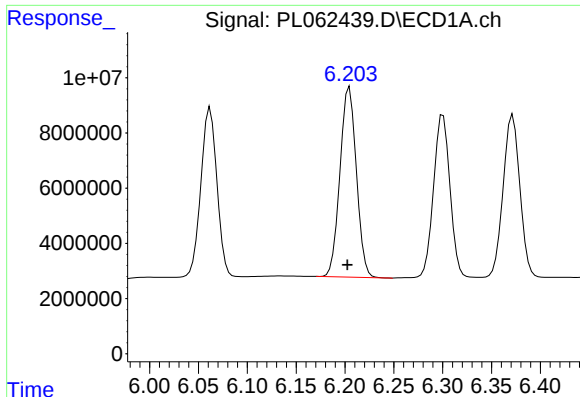
#14 Endrin

R.T.: 5.933 min  
Delta R.T.: 0.002 min  
Response: 81226908  
Conc: 50.04 ng/ml



#14 Endrin

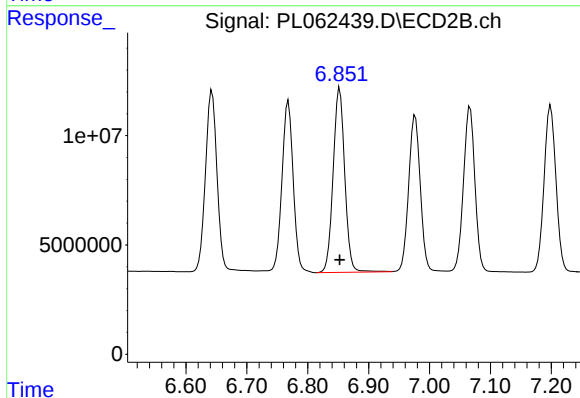
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 108737679  
Conc: 51.97 ng/ml



#15 Endosulfan II

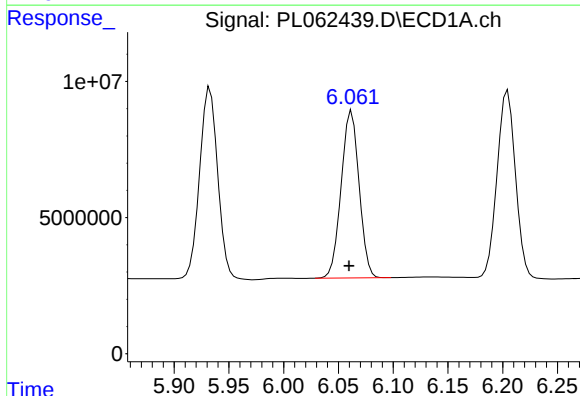
R.T.: 6.205 min  
Delta R.T.: 0.002 min  
Response: 80616701  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



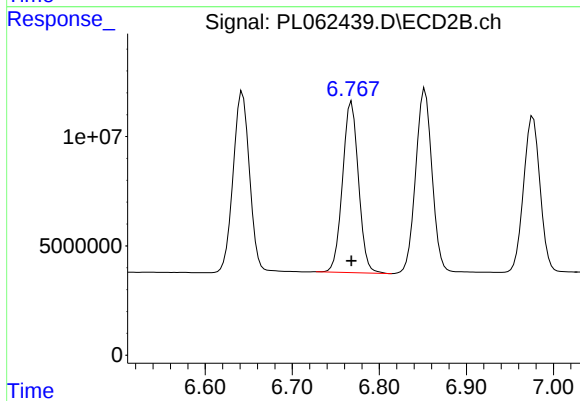
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 111814727  
Conc: 51.05 ng/ml



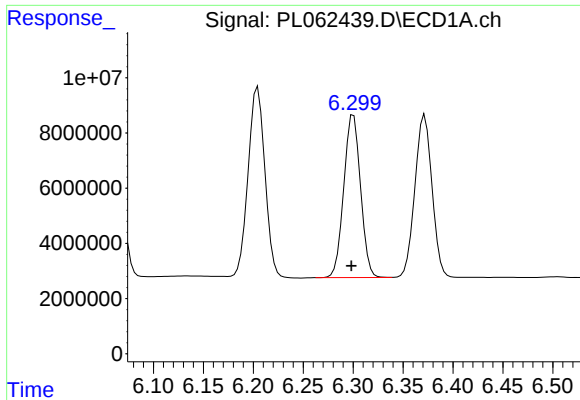
#16 4,4'-DDD

R.T.: 6.062 min  
Delta R.T.: 0.002 min  
Response: 69999615  
Conc: 50.41 ng/ml



#16 4,4'-DDD

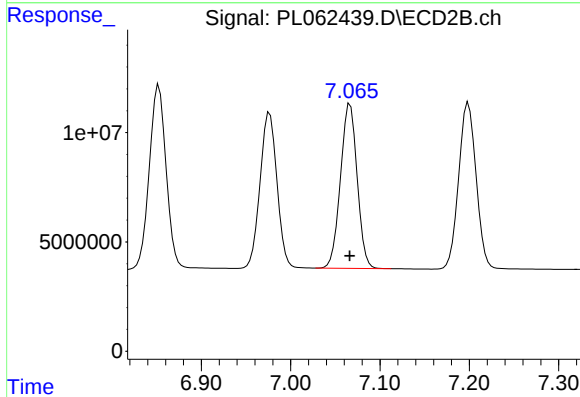
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 99478400  
Conc: 52.17 ng/ml



#17 4,4'-DDT

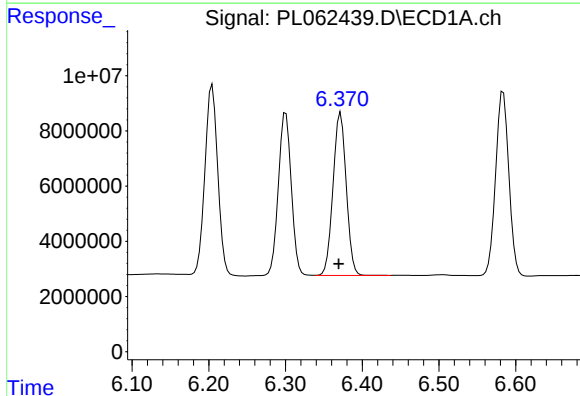
R.T.: 6.300 min  
Delta R.T.: 0.002 min  
Response: 69062543  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



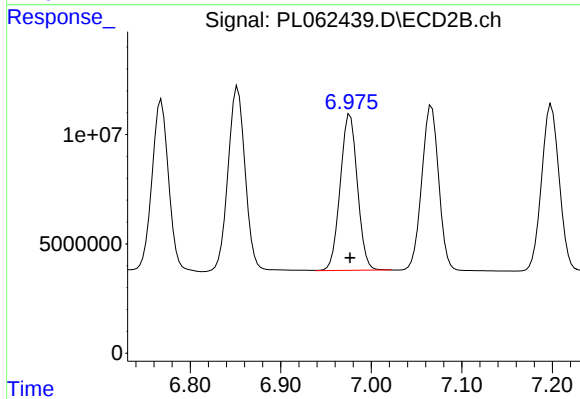
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 97561228  
Conc: 51.48 ng/ml



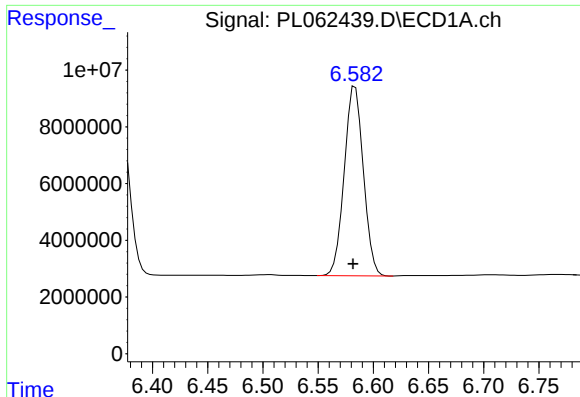
#18 Endrin aldehyde

R.T.: 6.372 min  
Delta R.T.: 0.002 min  
Response: 70565706  
Conc: 49.71 ng/ml



#18 Endrin aldehyde

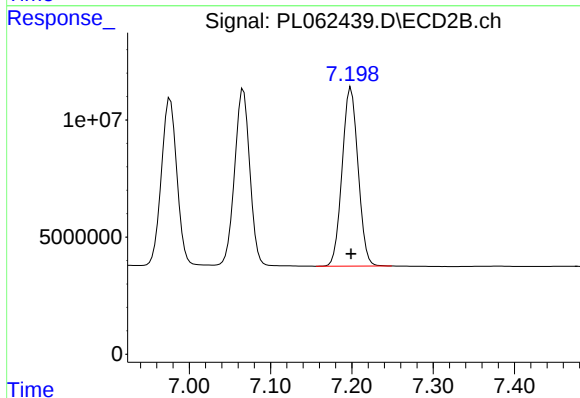
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 94164714  
Conc: 50.39 ng/ml



#19 Endosulfan Sulfate

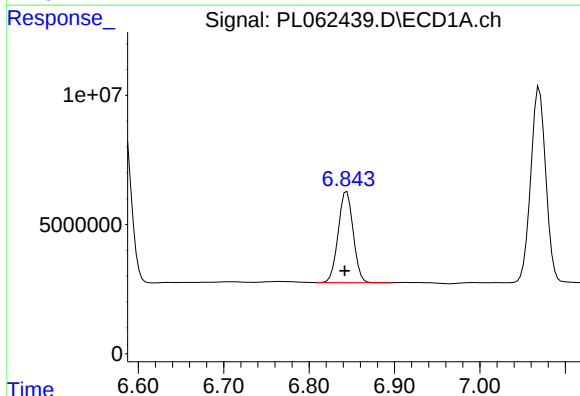
R.T.: 6.584 min  
Delta R.T.: 0.002 min  
Response: 80483010  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



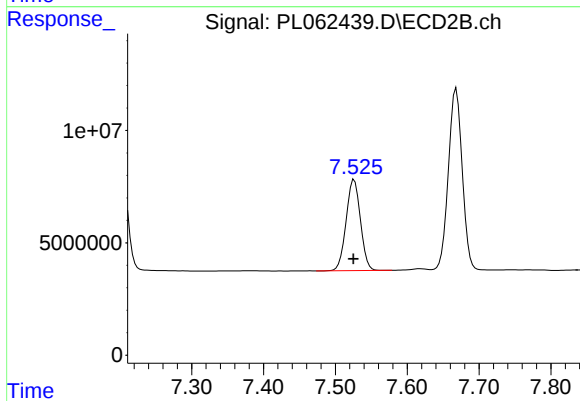
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 103423853  
Conc: 50.40 ng/ml



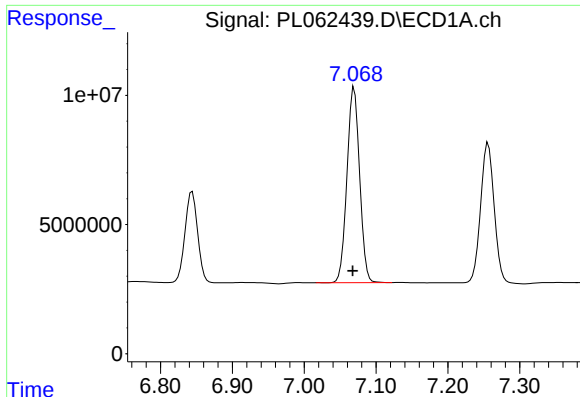
#20 Methoxychlor

R.T.: 6.844 min  
Delta R.T.: 0.003 min  
Response: 42951934  
Conc: 50.62 ng/ml



#20 Methoxychlor

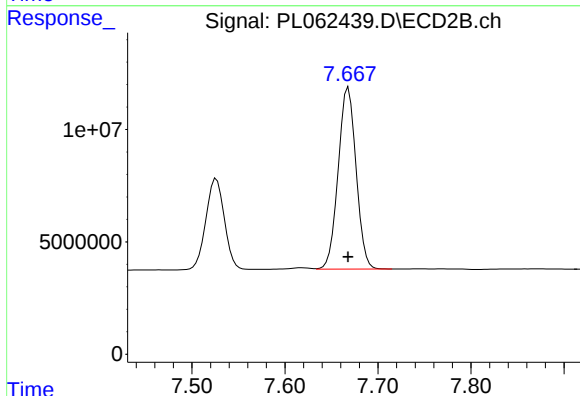
R.T.: 7.526 min  
Delta R.T.: 0.001 min  
Response: 55816440  
Conc: 50.32 ng/ml



#21 Endrin ketone

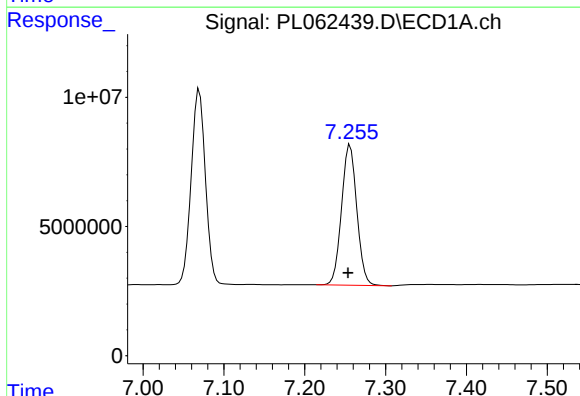
R.T.: 7.070 min  
Delta R.T.: 0.002 min  
Response: 92367147  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



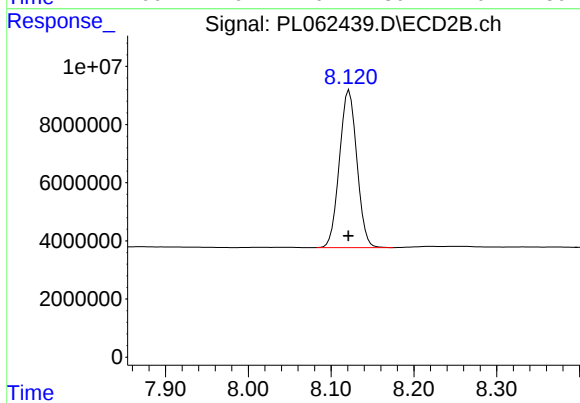
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 108141418  
Conc: 50.82 ng/ml



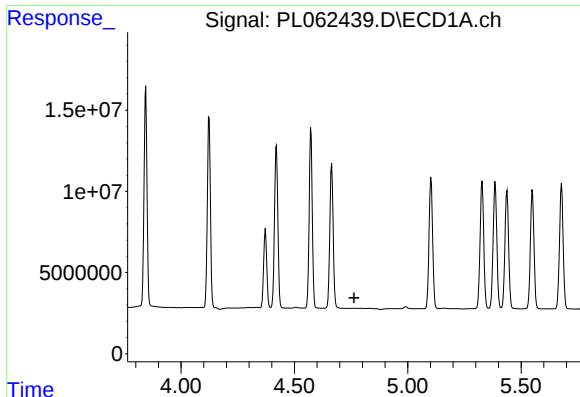
#22 Mirex

R.T.: 7.256 min  
Delta R.T.: 0.003 min  
Response: 71402427  
Conc: 48.63 ng/ml



#22 Mirex

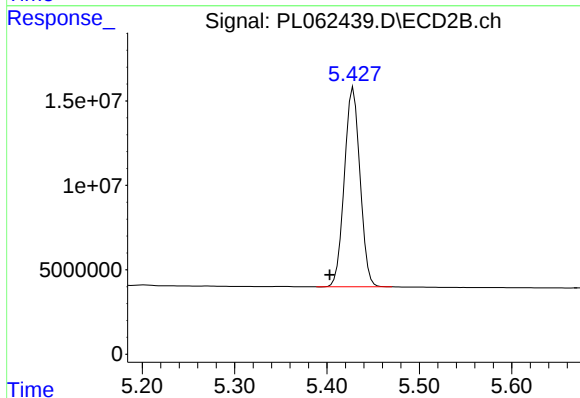
R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 79368615  
Conc: 48.46 ng/ml



#24 Chlordane-2

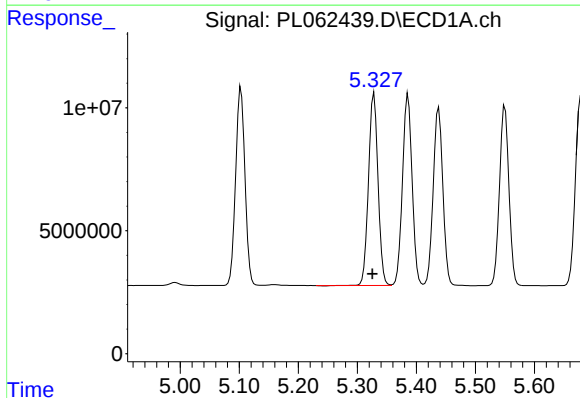
R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



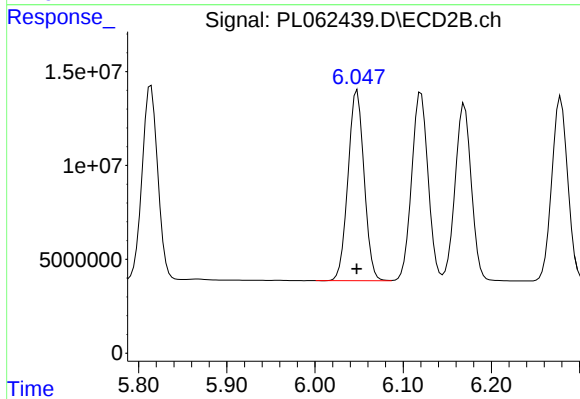
#24 Chlordane-2

R.T.: 5.429 min  
Delta R.T.: 0.026 min  
Response: 139177313  
Conc: 1670.07 ng/ml



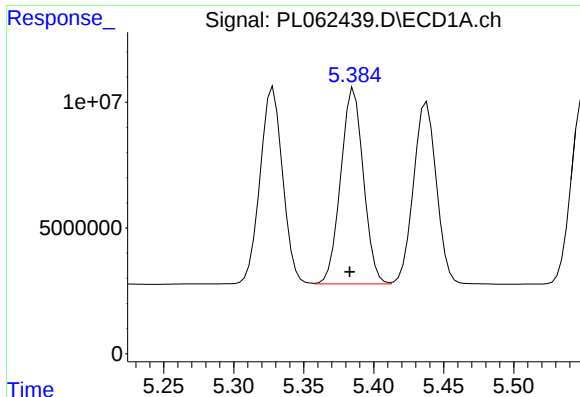
#25 Chlordane-3

R.T.: 5.328 min  
Delta R.T.: 0.003 min  
Response: 87804487  
Conc: 601.10 ng/ml



#25 Chlordane-3

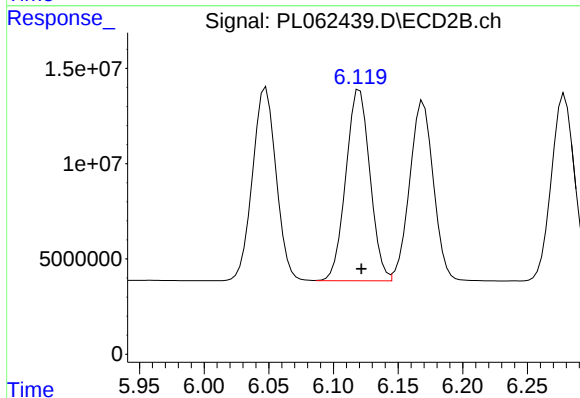
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 128673882  
Conc: 423.23 ng/ml



#26 Chlordane-4

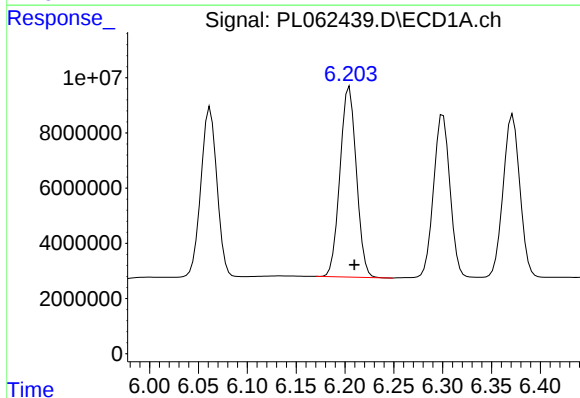
R.T.: 5.386 min  
Delta R.T.: 0.003 min  
Response: 87813278  
Conc: 708.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



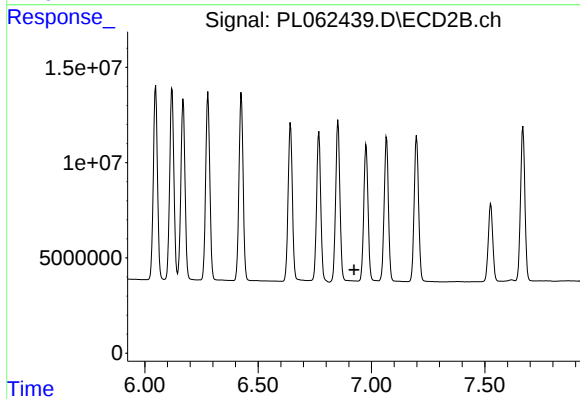
#26 Chlordane-4

R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 130019335  
Conc: 351.63 ng/ml



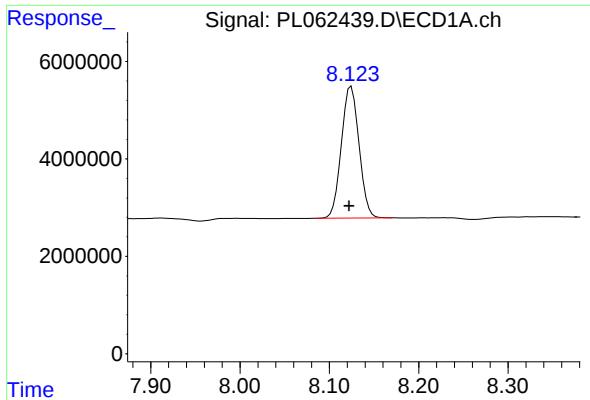
#27 Chlordane-5

R.T.: 6.205 min  
Delta R.T.: -0.005 min  
Response: 80616701  
Conc: 1556.92 ng/ml



#27 Chlordane-5

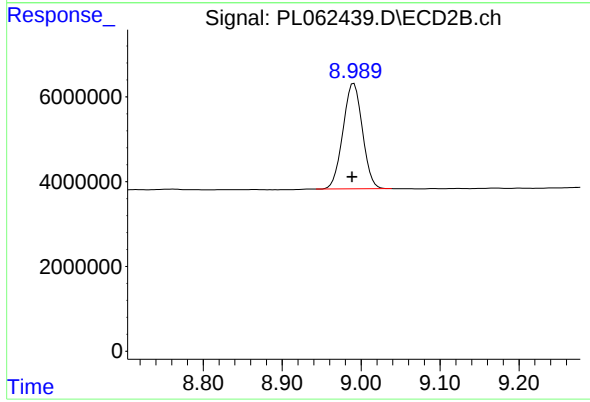
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: 0.002 min  
Response: 37153824  
Conc: 21.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 42574452  
Conc: 21.47 ng/ml