

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071818\  
 Data File : PL038263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2018 05:10  
 Operator : AJ\SJ  
 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: Jul 19 05:52:34 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|------------|
| -----                       |                 |       |       |          |          |         |            |
| System Monitoring Compounds |                 |       |       |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.329 | 3.930 | 356.5E6  | 141.9E6  | 47.874  | 54.072     |
| 2)                          | SA Decachlor... | 7.999 | 8.938 | 331.9E6  | 117.8E6  | 43.752  | 48.174     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.758 | 4.309 | 579.5E6  | 212.1E6  | 49.046  | 54.792     |
| 3)                          | MA gamma-BHC... | 4.035 | 4.589 | 523.0E6  | 190.0E6  | 49.891  | 52.610     |
| 4)                          | MA Heptachlor   | 4.318 | 5.099 | 509.7E6  | 178.5E6  | 47.915  | 55.846     |
| 5)                          | MB Aldrin       | 4.557 | 5.401 | 518.8E6  | 169.4E6  | 49.566  | 54.889     |
| 6)                          | B beta-BHC      | 4.289 | 4.751 | 233.9E6  | 85569513 | 49.545  | 56.411     |
| 7)                          | B delta-BHC     | 4.483 | 4.965 | 538.3E6  | 183.4E6  | 49.591  | 55.284     |
| 8)                          | B Heptachlo...  | 4.994 | 5.781 | 471.0E6  | 160.8E6  | 49.953  | 56.582     |
| 9)                          | A Endosulfan I  | 5.325 | 6.134 | 429.9E6  | 134.0E6  | 49.703  | 52.116     |
| 10)                         | B gamma-Chl...  | 5.217 | 6.014 | 491.3E6  | 152.4E6  | 49.711  | 52.557     |
| 11)                         | B alpha-Chl...  | 5.274 | 6.087 | 468.3E6  | 149.3E6  | 49.471  | 52.103     |
| 12)                         | B 4,4'-DDE      | 5.442 | 6.243 | 487.0E6  | 135.9E6  | 50.795  | 50.823     |
| 13)                         | MA Dieldrin     | 5.564 | 6.388 | 471.6E6  | 140.6E6  | 49.068  | 51.674     |
| 14)                         | MA Endrin       | 5.818 | 6.602 | 410.1E6  | 123.0E6  | 47.196  | 51.503     |
| 15)                         | B Endosulfa...  | 6.093 | 6.805 | 395.5E6  | 119.9E6  | 49.875  | 49.935     |
| 16)                         | A 4,4'-DDD      | 5.953 | 6.725 | 387.4E6  | 112.9E6  | 52.812  | 52.763     |
| 17)                         | MA 4,4'-DDT     | 6.187 | 7.024 | 308.6E6  | 92836929 | 41.548  | 43.544     |
| 18)                         | B Endrin al...  | 6.261 | 6.928 | 300.1E6  | 100.1E6  | 47.127  | 51.309     |
| 19)                         | B Endosulfa...  | 6.472 | 7.150 | 355.9E6  | 111.0E6  | 47.119  | 50.941     |
| 20)                         | A Methoxychlor  | 6.736 | 7.479 | 164.6E6  | 52909704 | 42.781  | 46.466     |
| 21)                         | B Endrin ke...  | 6.955 | 7.614 | 381.2E6  | 121.8E6  | 48.585  | 51.111     |
| 23)                         | Chlordane-1     | 4.204 | 4.965 | 4056208  | 183.4E6  | 11.715  | 1582.226 # |
| 24)                         | Chlordane-2     | 4.683 | 5.401 | 61607015 | 169.4E6  | 166.453 | 1414.590 # |
| 25)                         | Chlordane-3     | 5.217 | 6.014 | 491.3E6  | 152.4E6  | 422.359 | 373.557    |
| 26)                         | Chlordane-4     | 5.274 | 6.087 | 468.3E6  | 149.3E6  | 445.393 | 303.956 #  |
| 27)                         | Chlordane-5     | 5.885 | 6.928 | -428714  | 100.1E6  | N.D.    | 1117.706   |
| -----                       |                 |       |       |          |          |         |            |

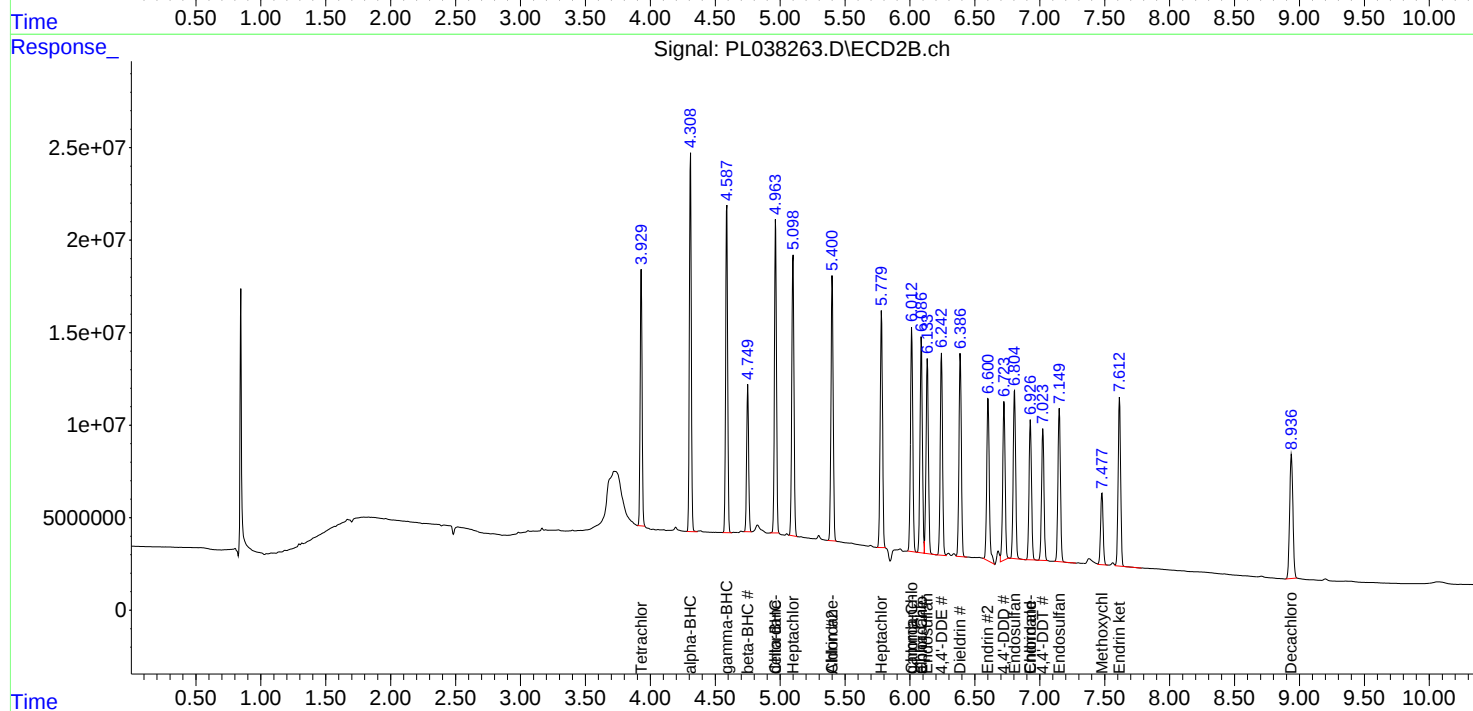
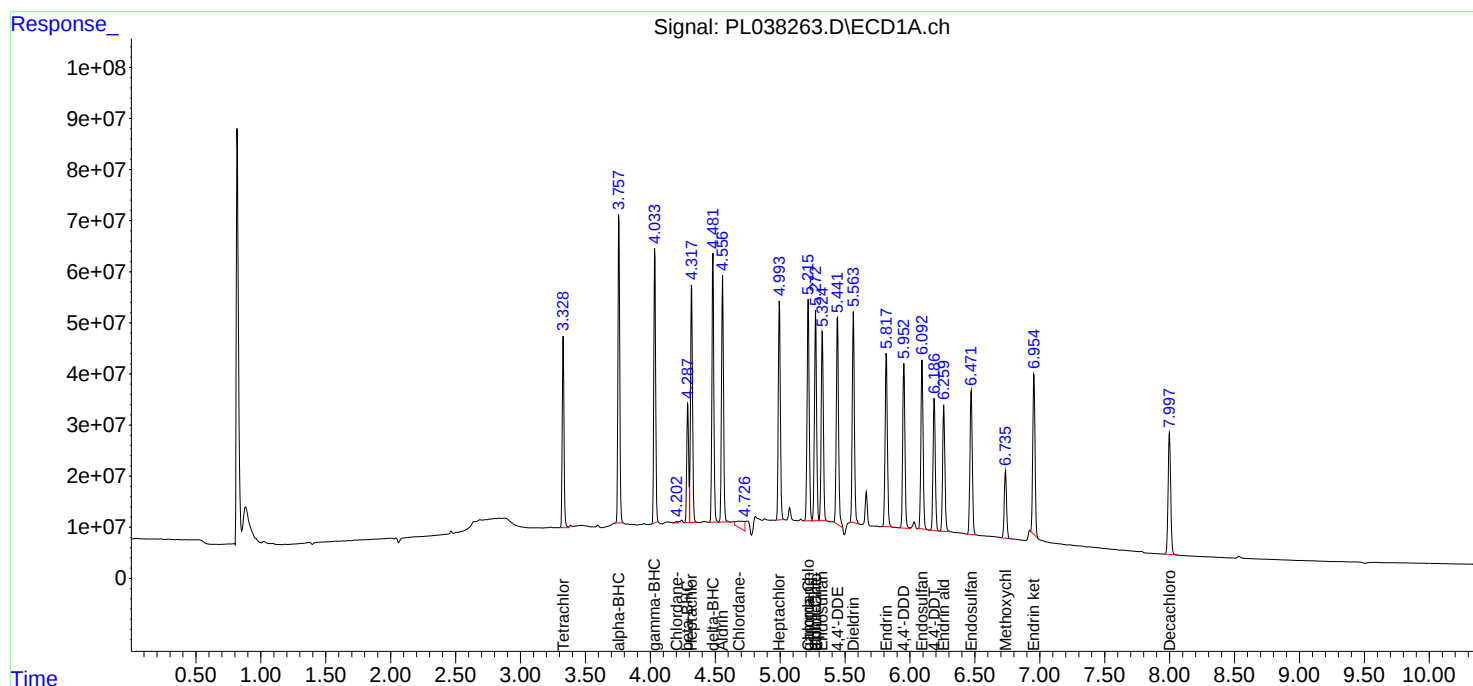
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

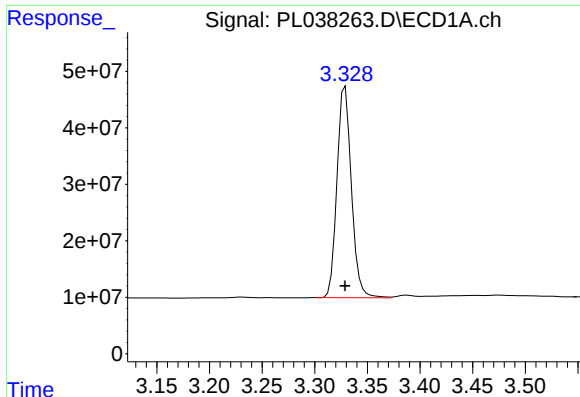
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071818\  
Data File : PL038263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2018 05:10  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 05:52:34 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

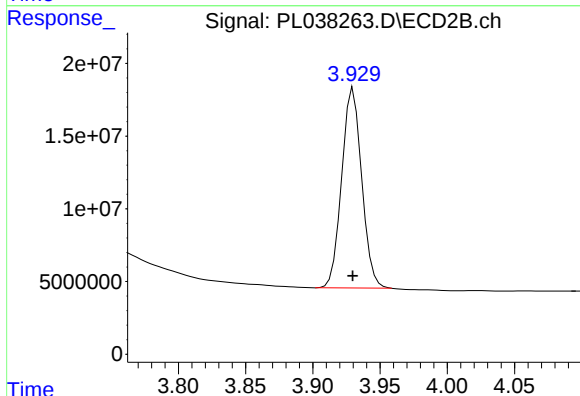




#1 Tetrachloro-m-xylene

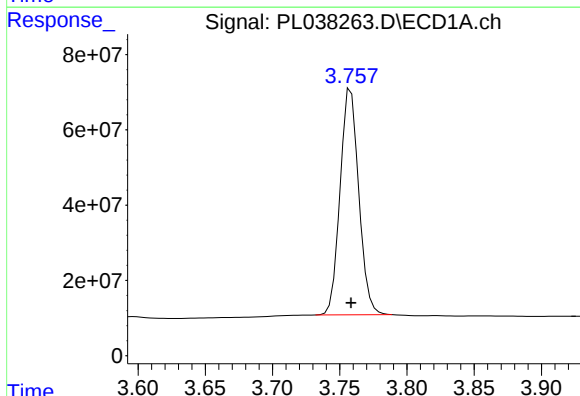
R.T.: 3.329 min  
Delta R.T.: 0.000 min  
Response: 356491997  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



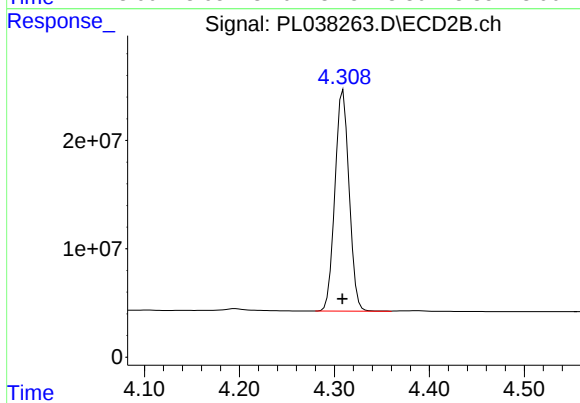
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 141935139  
Conc: 54.07 ng/ml



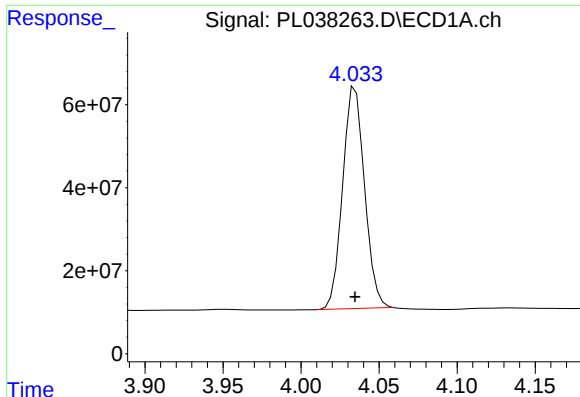
#2 alpha-BHC

R.T.: 3.758 min  
Delta R.T.: 0.000 min  
Response: 579496348  
Conc: 49.05 ng/ml



#2 alpha-BHC

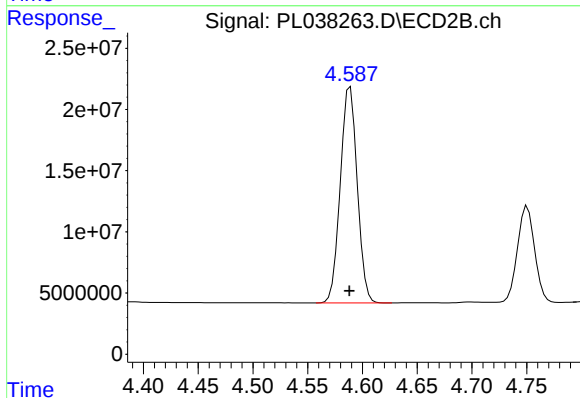
R.T.: 4.309 min  
Delta R.T.: 0.000 min  
Response: 212054328  
Conc: 54.79 ng/ml



#3 gamma-BHC (Lindane)

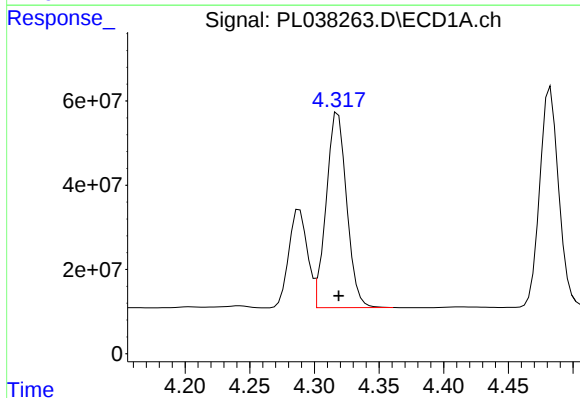
R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 523044246  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



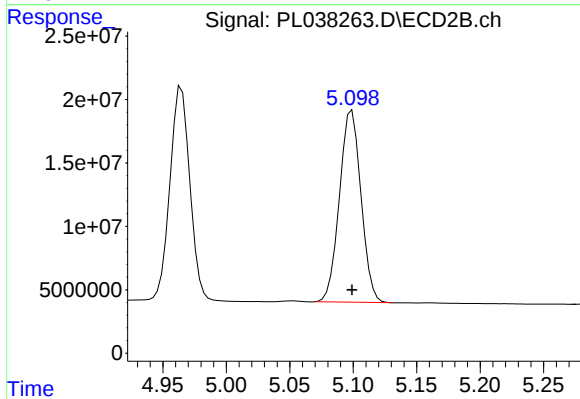
#3 gamma-BHC (Lindane)

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 190014898  
Conc: 52.61 ng/ml



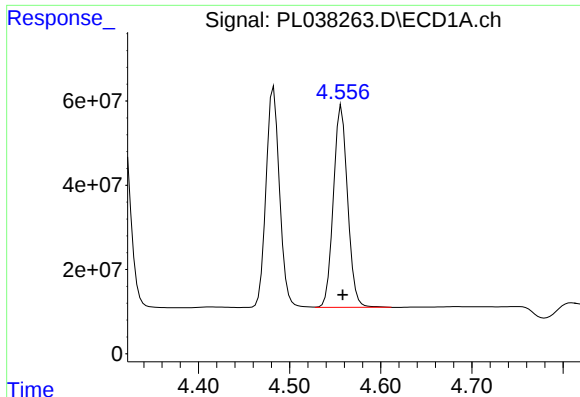
#4 Heptachlor

R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 509688393  
Conc: 47.91 ng/ml



#4 Heptachlor

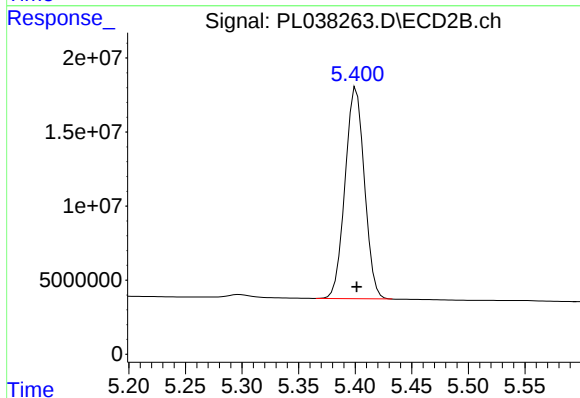
R.T.: 5.099 min  
Delta R.T.: 0.000 min  
Response: 178495593  
Conc: 55.85 ng/ml



#5 Aldrin

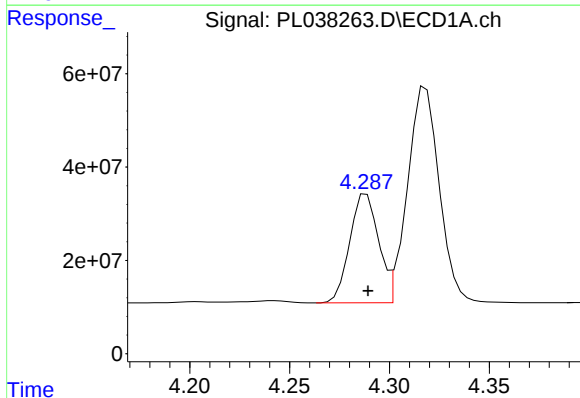
R.T.: 4.557 min  
Delta R.T.: -0.001 min  
Response: 518828599  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



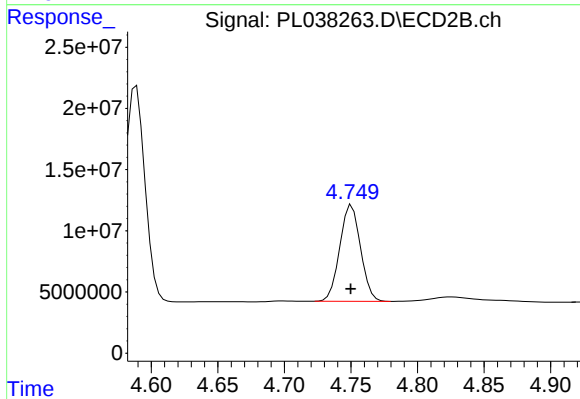
#5 Aldrin

R.T.: 5.401 min  
Delta R.T.: 0.000 min  
Response: 169397369  
Conc: 54.89 ng/ml



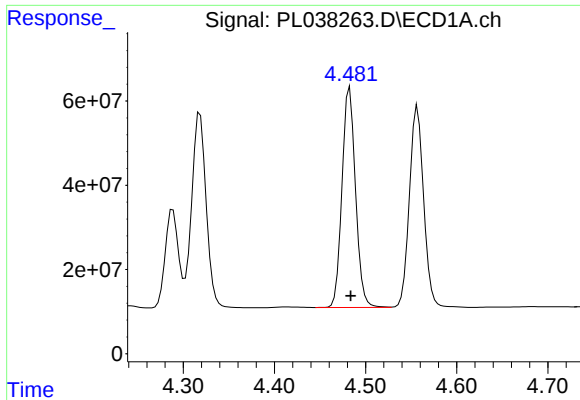
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 233871341  
Conc: 49.55 ng/ml



#6 beta-BHC

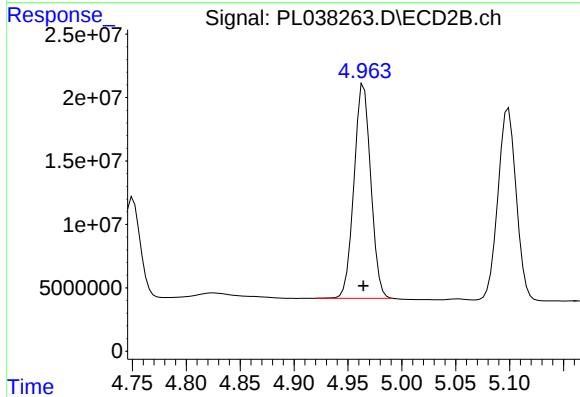
R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 85569513  
Conc: 56.41 ng/ml



#7 delta-BHC

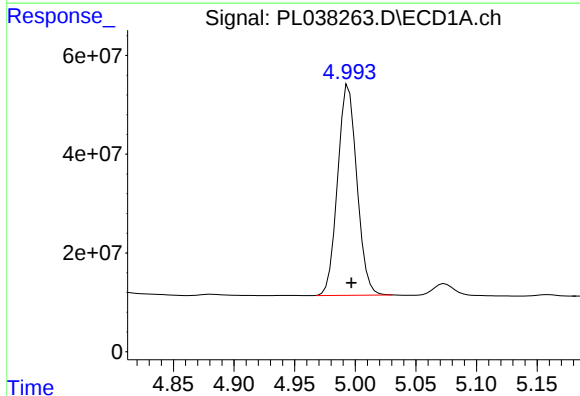
R.T.: 4.483 min  
Delta R.T.: -0.001 min  
Response: 538266503  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



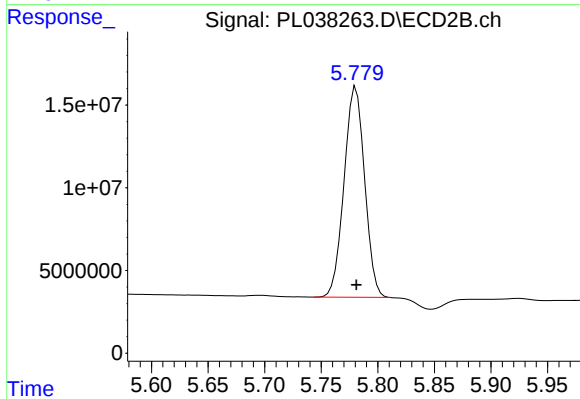
#7 delta-BHC

R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 183356222  
Conc: 55.28 ng/ml



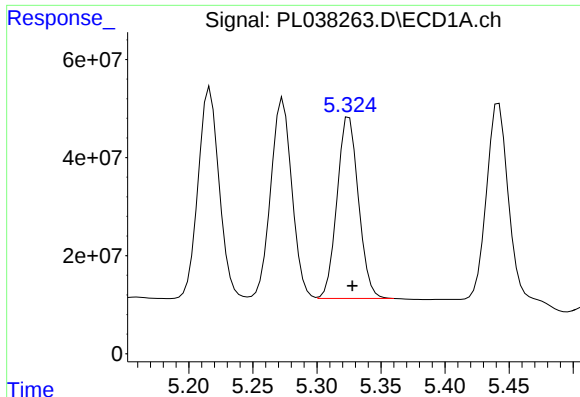
#8 Heptachlor epoxide

R.T.: 4.994 min  
Delta R.T.: -0.002 min  
Response: 470980310  
Conc: 49.95 ng/ml



#8 Heptachlor epoxide

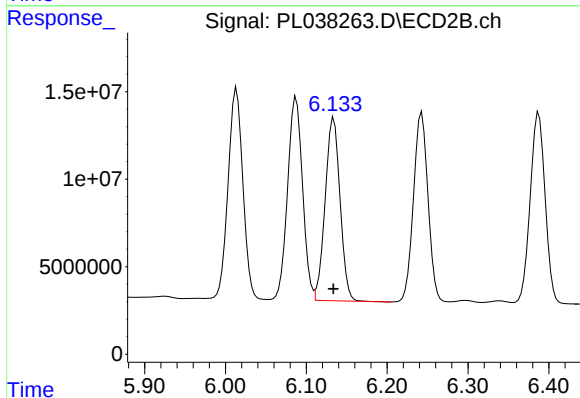
R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 160801936  
Conc: 56.58 ng/ml



#9 Endosulfan I

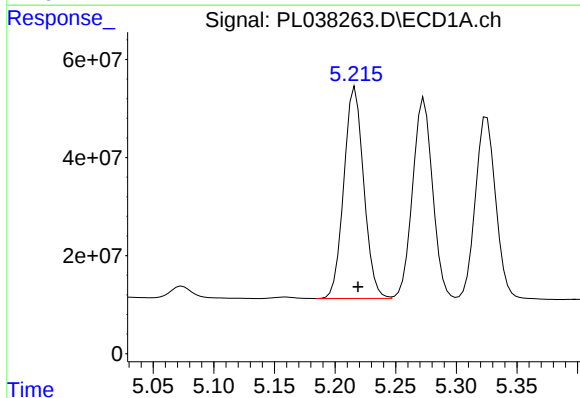
R.T.: 5.325 min  
Delta R.T.: -0.002 min  
Response: 429916361  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



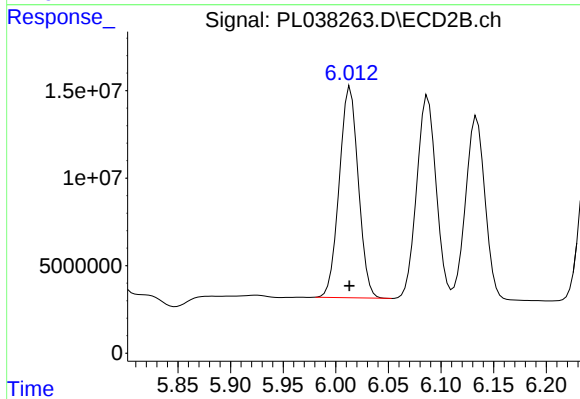
#9 Endosulfan I

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 134030504  
Conc: 52.12 ng/ml



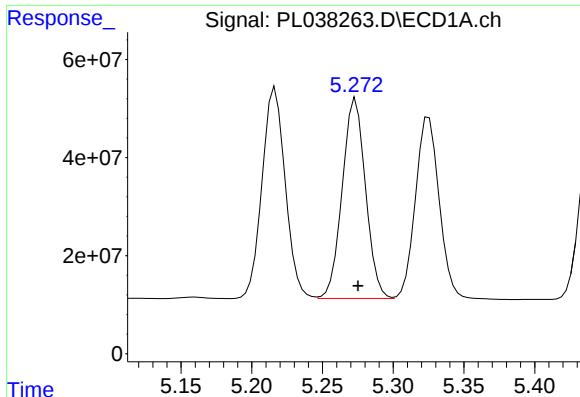
#10 gamma-Chlordane

R.T.: 5.217 min  
Delta R.T.: -0.002 min  
Response: 491343968  
Conc: 49.71 ng/ml



#10 gamma-Chlordane

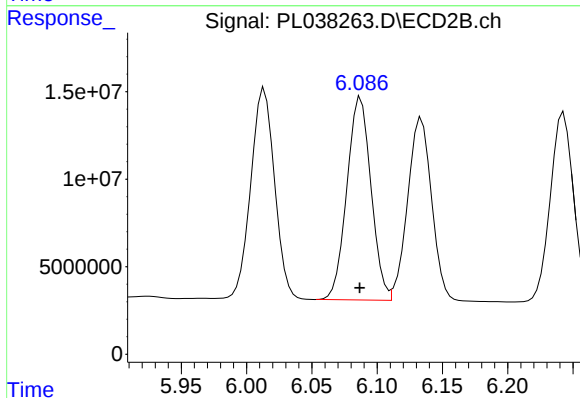
R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 152374072  
Conc: 52.56 ng/ml



#11 alpha-Chlordane

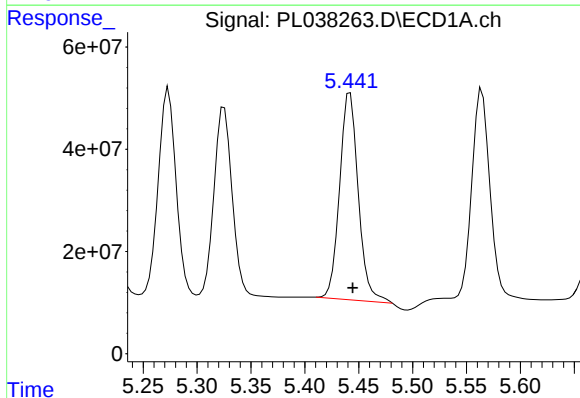
R.T.: 5.274 min  
Delta R.T.: -0.002 min  
Response: 468278461  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



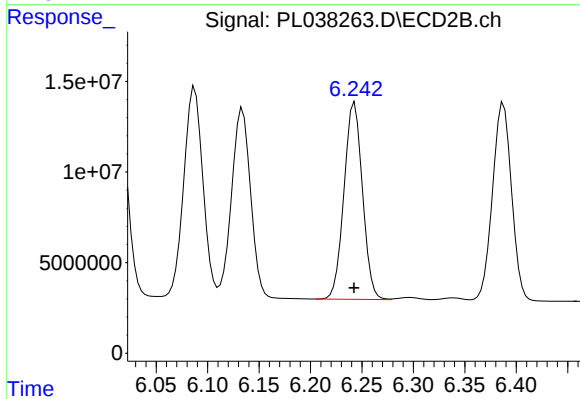
#11 alpha-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 149337843  
Conc: 52.10 ng/ml



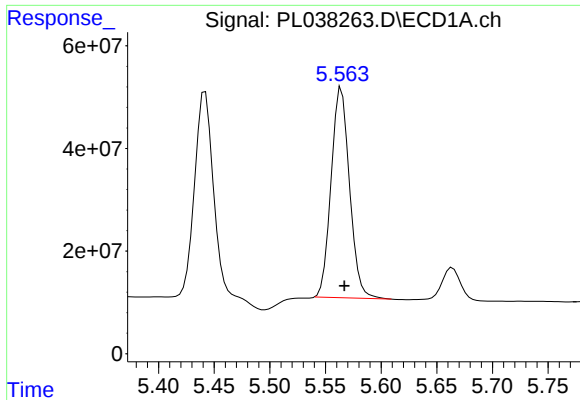
#12 4,4'-DDE

R.T.: 5.442 min  
Delta R.T.: -0.002 min  
Response: 487018656  
Conc: 50.80 ng/ml



#12 4,4'-DDE

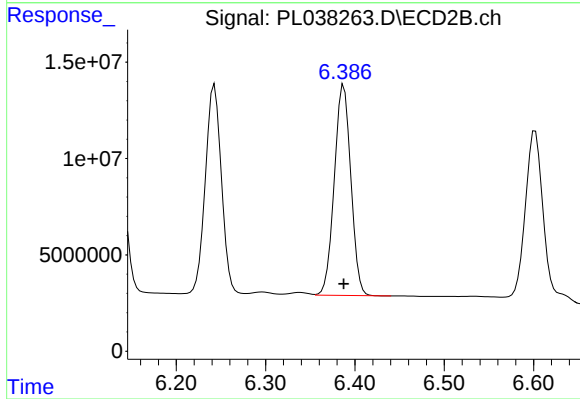
R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 135904799  
Conc: 50.82 ng/ml



#13 Dieldrin

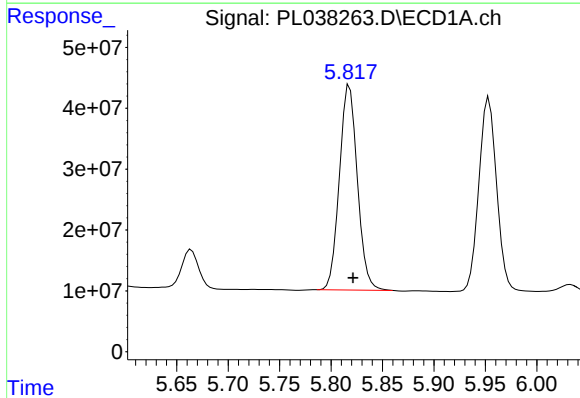
R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 471556803  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



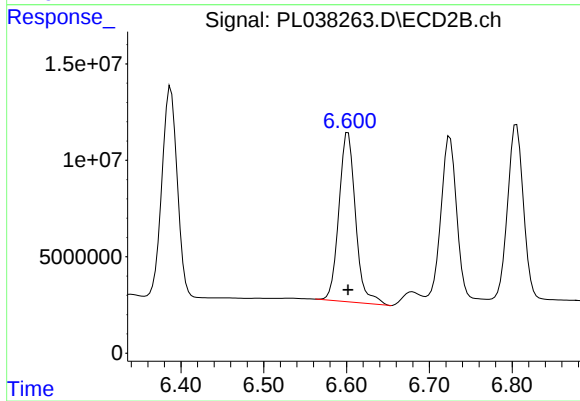
#13 Dieldrin

R.T.: 6.388 min  
Delta R.T.: 0.000 min  
Response: 140645798  
Conc: 51.67 ng/ml



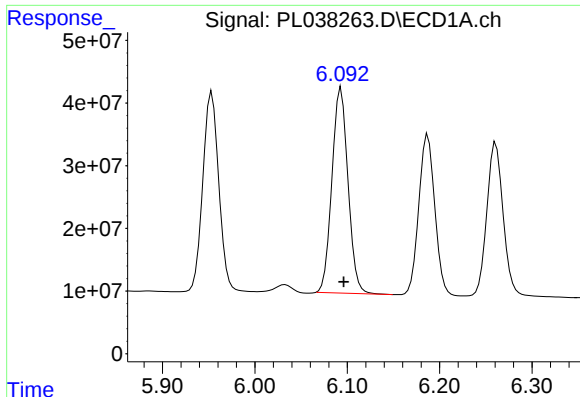
#14 Endrin

R.T.: 5.818 min  
Delta R.T.: -0.003 min  
Response: 410058385  
Conc: 47.20 ng/ml



#14 Endrin

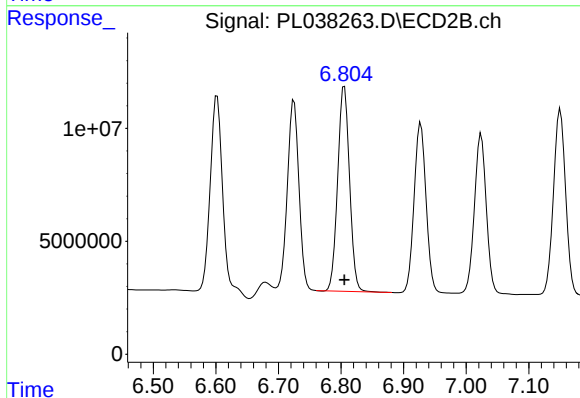
R.T.: 6.602 min  
Delta R.T.: 0.000 min  
Response: 122995432  
Conc: 51.50 ng/ml



#15 Endosulfan II

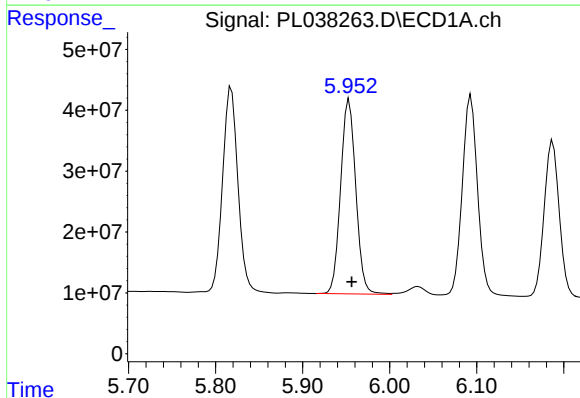
R.T.: 6.093 min  
Delta R.T.: -0.003 min  
Response: 395515721  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



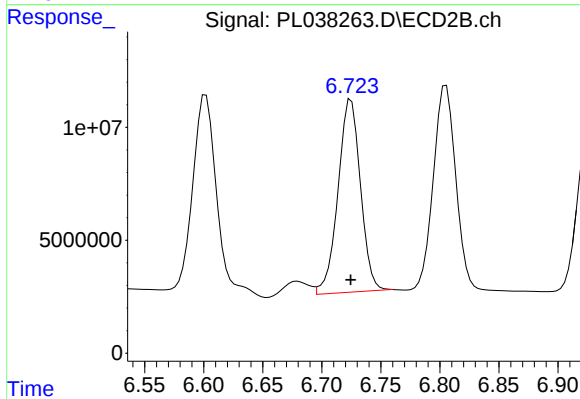
#15 Endosulfan II

R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 119913523  
Conc: 49.93 ng/ml



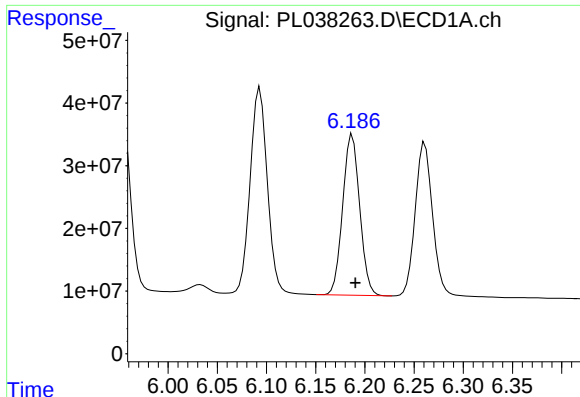
#16 4,4'-DDD

R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 387410716  
Conc: 52.81 ng/ml



#16 4,4'-DDD

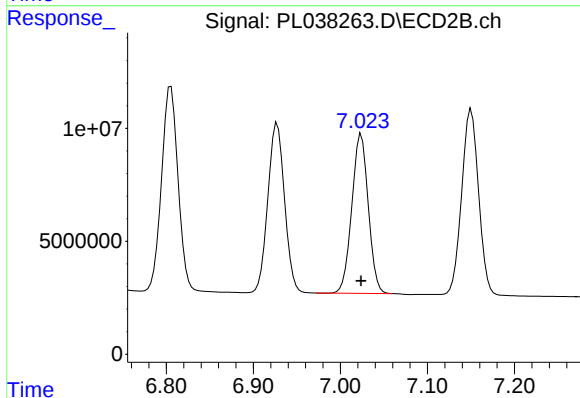
R.T.: 6.725 min  
Delta R.T.: 0.000 min  
Response: 112934861  
Conc: 52.76 ng/ml



#17 4,4'-DDT

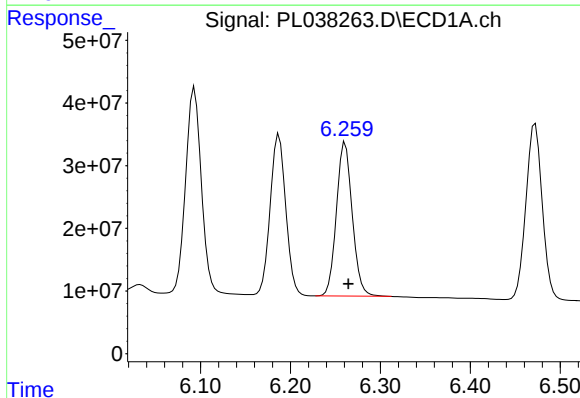
R.T.: 6.187 min  
Delta R.T.: -0.003 min  
Response: 308643845  
Conc: 41.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



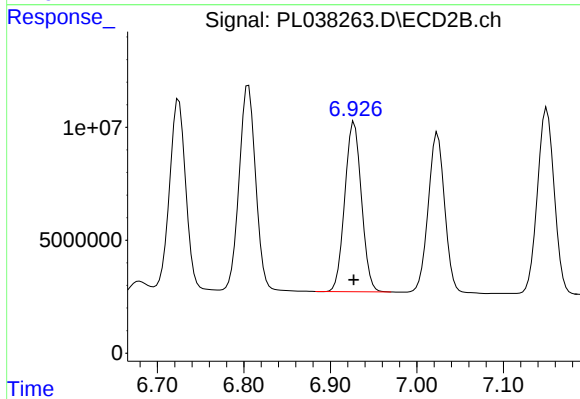
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 92836929  
Conc: 43.54 ng/ml



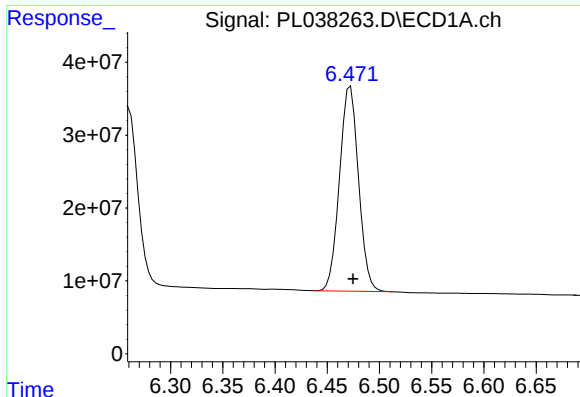
#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: -0.003 min  
Response: 300087457  
Conc: 47.13 ng/ml



#18 Endrin aldehyde

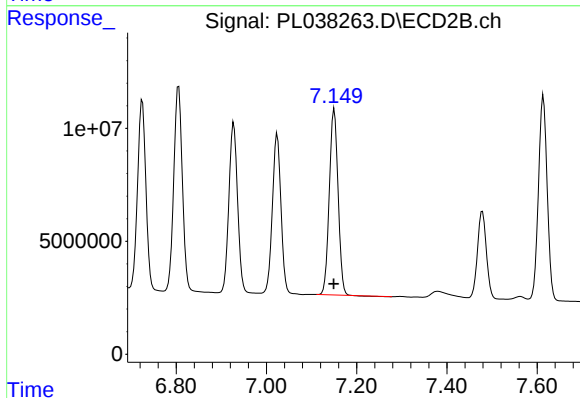
R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 100123582  
Conc: 51.31 ng/ml



#19 Endosulfan Sulfate

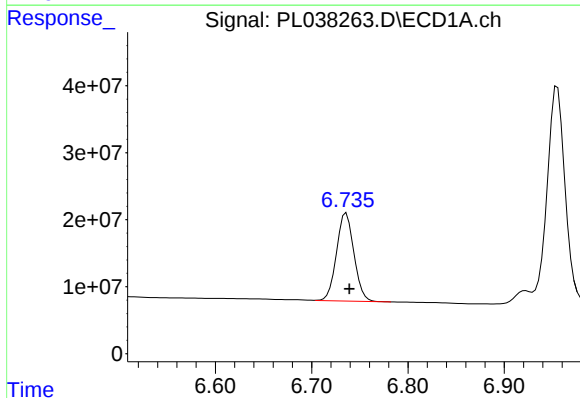
R.T.: 6.472 min  
Delta R.T.: -0.003 min  
Response: 355904850  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



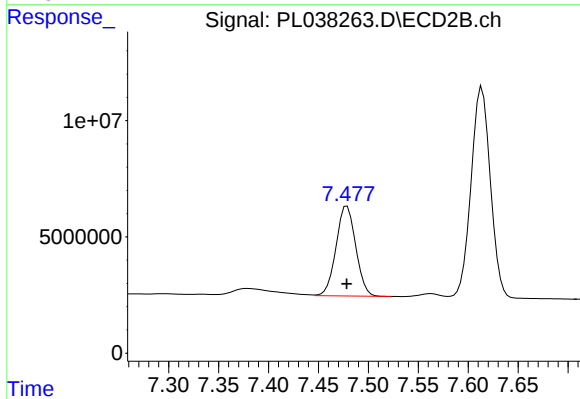
#19 Endosulfan Sulfate

R.T.: 7.150 min  
Delta R.T.: 0.000 min  
Response: 111039751  
Conc: 50.94 ng/ml



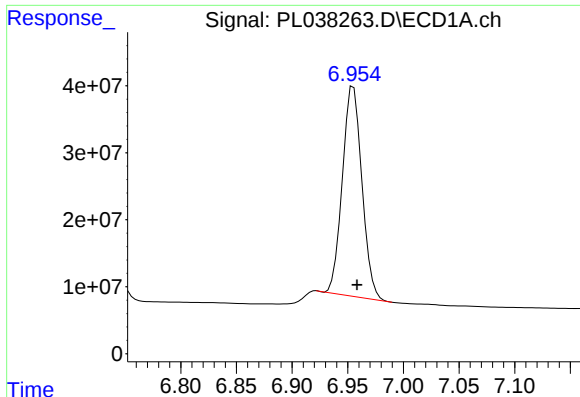
#20 Methoxychlor

R.T.: 6.736 min  
Delta R.T.: -0.003 min  
Response: 164599642  
Conc: 42.78 ng/ml



#20 Methoxychlor

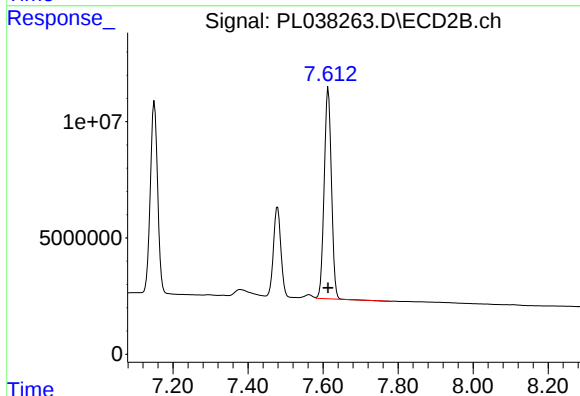
R.T.: 7.479 min  
Delta R.T.: 0.000 min  
Response: 52909704  
Conc: 46.47 ng/ml



#21 Endrin ketone

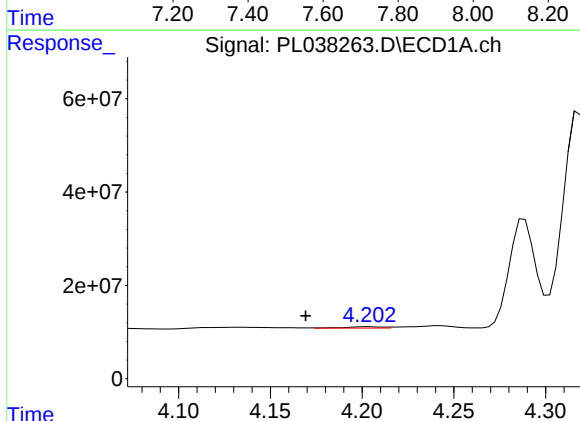
R.T.: 6.955 min  
Delta R.T.: -0.003 min  
Response: 381193500  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



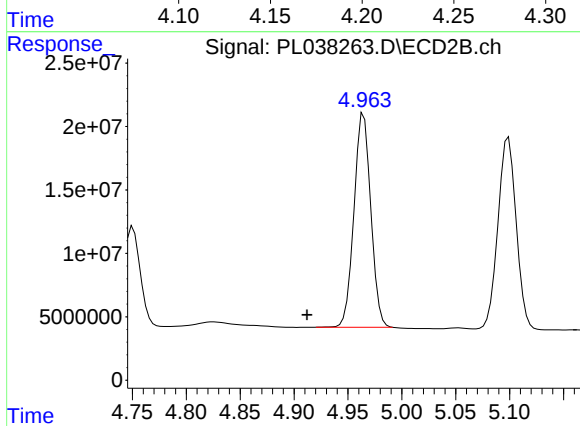
#21 Endrin ketone

R.T.: 7.614 min  
Delta R.T.: 0.000 min  
Response: 121824508  
Conc: 51.11 ng/ml



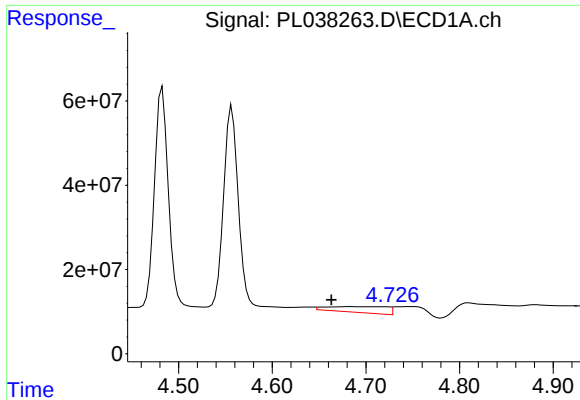
#23 Chlordane-1

R.T.: 4.204 min  
Delta R.T.: 0.035 min  
Response: 4056208  
Conc: 11.71 ng/ml



#23 Chlordane-1

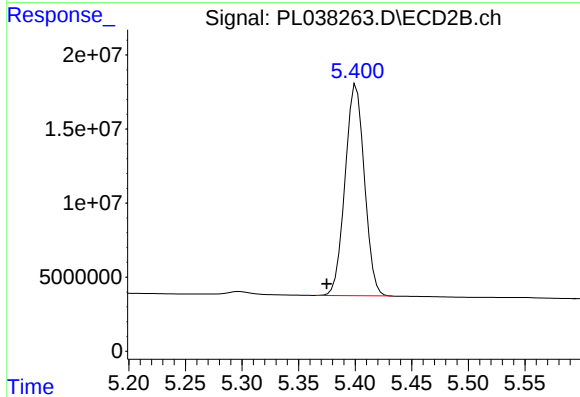
R.T.: 4.965 min  
Delta R.T.: 0.053 min  
Response: 183356222  
Conc: 1582.23 ng/ml



#24 Chlordane-2

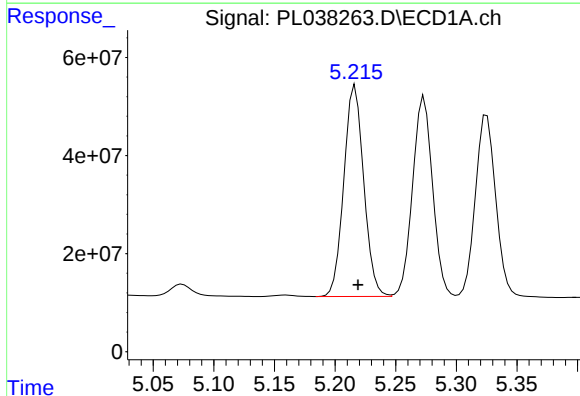
R.T.: 4.683 min  
Delta R.T.: 0.020 min  
Response: 61607015  
Conc: 166.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



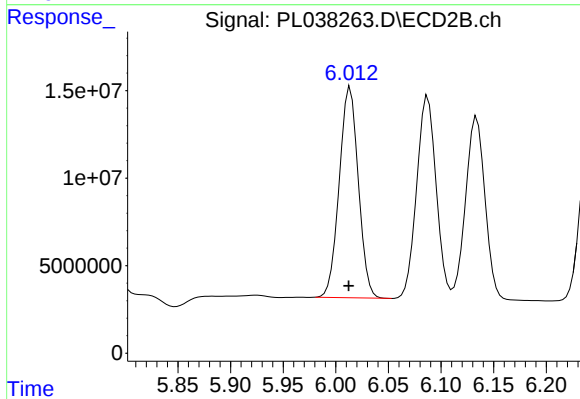
#24 Chlordane-2

R.T.: 5.401 min  
Delta R.T.: 0.026 min  
Response: 169397369  
Conc: 1414.59 ng/ml



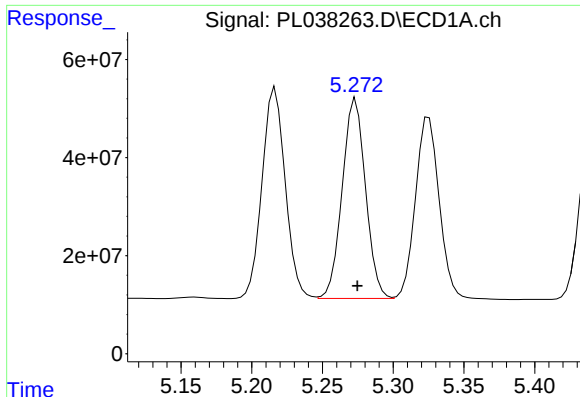
#25 Chlordane-3

R.T.: 5.217 min  
Delta R.T.: -0.002 min  
Response: 491343968  
Conc: 422.36 ng/ml



#25 Chlordane-3

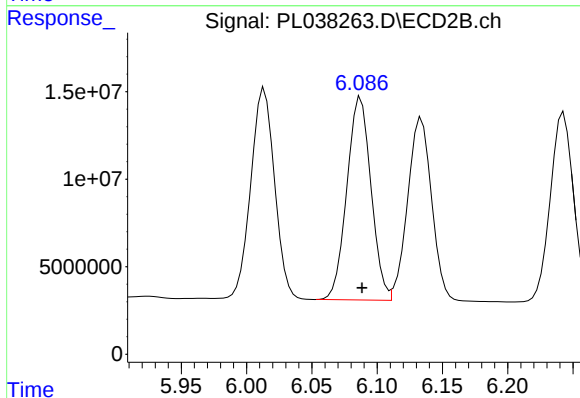
R.T.: 6.014 min  
Delta R.T.: 0.001 min  
Response: 152374072  
Conc: 373.56 ng/ml



#26 Chlordane-4

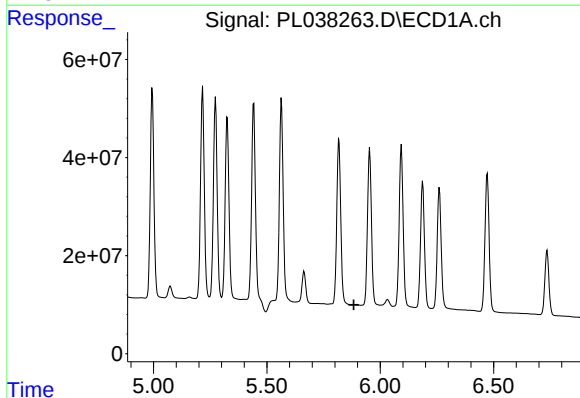
R.T.: 5.274 min  
Delta R.T.: -0.001 min  
Response: 468278461  
Conc: 445.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



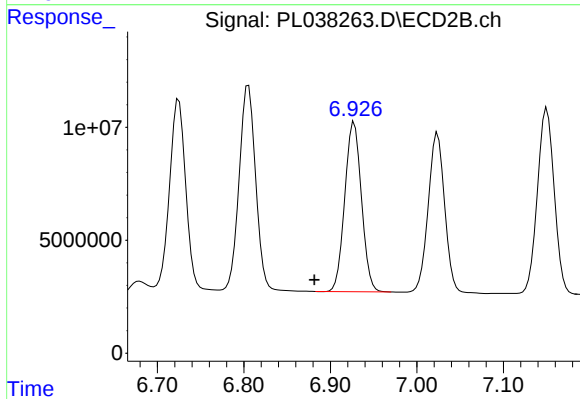
#26 Chlordane-4

R.T.: 6.087 min  
Delta R.T.: -0.001 min  
Response: 149337843  
Conc: 303.96 ng/ml



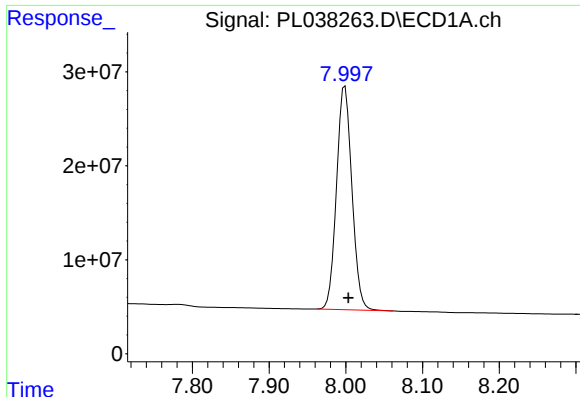
#27 Chlordane-5

R.T.: 5.885 min  
Delta R.T.: 0.002 min  
Response: -428714  
Conc: N.D.



#27 Chlordane-5

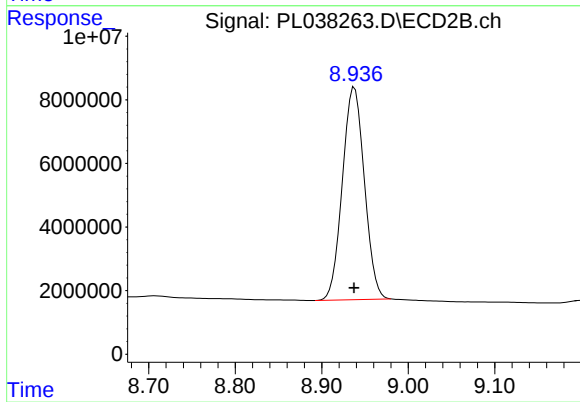
R.T.: 6.928 min  
Delta R.T.: 0.046 min  
Response: 100123582  
Conc: 1117.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.999 min  
Delta R.T.: -0.005 min  
Response: 331894379  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.938 min  
Delta R.T.: 0.000 min  
Response: 117759507  
Conc: 48.17 ng/ml