

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082418\  
 Data File : PL039508.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Aug 2018 18:20  
 Operator : AJ\SJ  
 Sample : PB112352BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 24 23:02:35 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.303 | 3.906 | 128.4E6 | 53814245 | 18.366   | 20.073     |
| 28)                         | SA Decachlor... | 7.958 | 8.892 | 126.8E6 | 51170940 | 18.057   | 22.051     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.731 | 4.284 | 581.0E6 | 231.2E6  | 49.151   | 54.907     |
| 3)                          | MA gamma-BHC... | 4.006 | 4.562 | 528.3E6 | 208.6E6  | 49.810   | 51.803     |
| 4)                          | MA Heptachlor   | 4.288 | 5.069 | 513.7E6 | 207.5E6  | 48.800   | 58.025     |
| 5)                          | MB Aldrin       | 4.525 | 5.370 | 507.5E6 | 195.4E6  | 50.671   | 55.201     |
| 6)                          | B beta-BHC      | 4.261 | 4.724 | 225.3E6 | 94686000 | 48.495   | 54.059     |
| 7)                          | B delta-BHC     | 4.453 | 4.937 | 544.9E6 | 211.6E6  | 50.198   | 53.150     |
| 8)                          | B Heptachlo...  | 4.962 | 5.749 | 480.3E6 | 181.0E6  | 50.293   | 53.825     |
| 9)                          | A Endosulfan I  | 5.290 | 6.100 | 442.9E6 | 156.6E6  | 50.586   | 53.378     |
| 10)                         | B gamma-Chl...  | 5.182 | 5.981 | 493.8E6 | 175.7E6  | 50.000   | 54.290     |
| 11)                         | B alpha-Chl...  | 5.238 | 6.054 | 474.4E6 | 173.7E6  | 49.382   | 53.705     |
| 12)                         | B 4,4'-DDE      | 5.407 | 6.210 | 476.6E6 | 168.4E6  | 49.773   | 54.452     |
| 13)                         | MA Dieldrin     | 5.528 | 6.353 | 490.3E6 | 162.7E6  | 50.275   | 53.709     |
| 14)                         | MA Endrin       | 5.781 | 6.567 | 403.0E6 | 124.3E6  | 45.027   | 48.339     |
| 15)                         | B Endosulfa...  | 6.057 | 6.770 | 423.3E6 | 137.6E6  | 48.678   | 53.551     |
| 16)                         | A 4,4'-DDD      | 5.917 | 6.691 | 394.4E6 | 126.9E6  | 49.496   | 56.674     |
| 17)                         | MA 4,4'-DDT     | 6.150 | 6.989 | 346.3E6 | 112.2E6  | 45.681   | 47.660     |
| 18)                         | B Endrin al...  | 6.224 | 6.892 | 338.1E6 | 118.9E6  | 49.891   | 54.773     |
| 19)                         | B Endosulfa...  | 6.434 | 7.115 | 393.1E6 | 127.3E6  | 48.310   | 53.102     |
| 20)                         | A Methoxychlor  | 6.698 | 7.444 | 182.1E6 | 60507212 | 44.495   | 48.854     |
| 21)                         | B Endrin ke...  | 6.916 | 7.577 | 433.3E6 | 133.6E6  | 50.343   | 54.056     |
| 23)                         | Chlordane-1     | 4.100 | 4.937 | 8162771 | 211.6E6  | 25.784   | 1693.858 # |
| 24)                         | Chlordane-2     | 0.000 | 5.370 | 0       | 195.4E6  | N.D.     | 1542.783 # |
| 25)                         | Chlordane-3     | 5.182 | 5.981 | 493.8E6 | 175.7E6  | 452.118  | 408.270    |
| 26)                         | Chlordane-4     | 5.238 | 6.054 | 474.4E6 | 173.7E6  | 474.732  | 334.936 #  |
| 27)                         | Chlordane-5     | 6.057 | 6.892 | 423.3E6 | 118.9E6  | 1305.047 | 1285.679   |
| -----                       |                 |       |       |         |          |          |            |

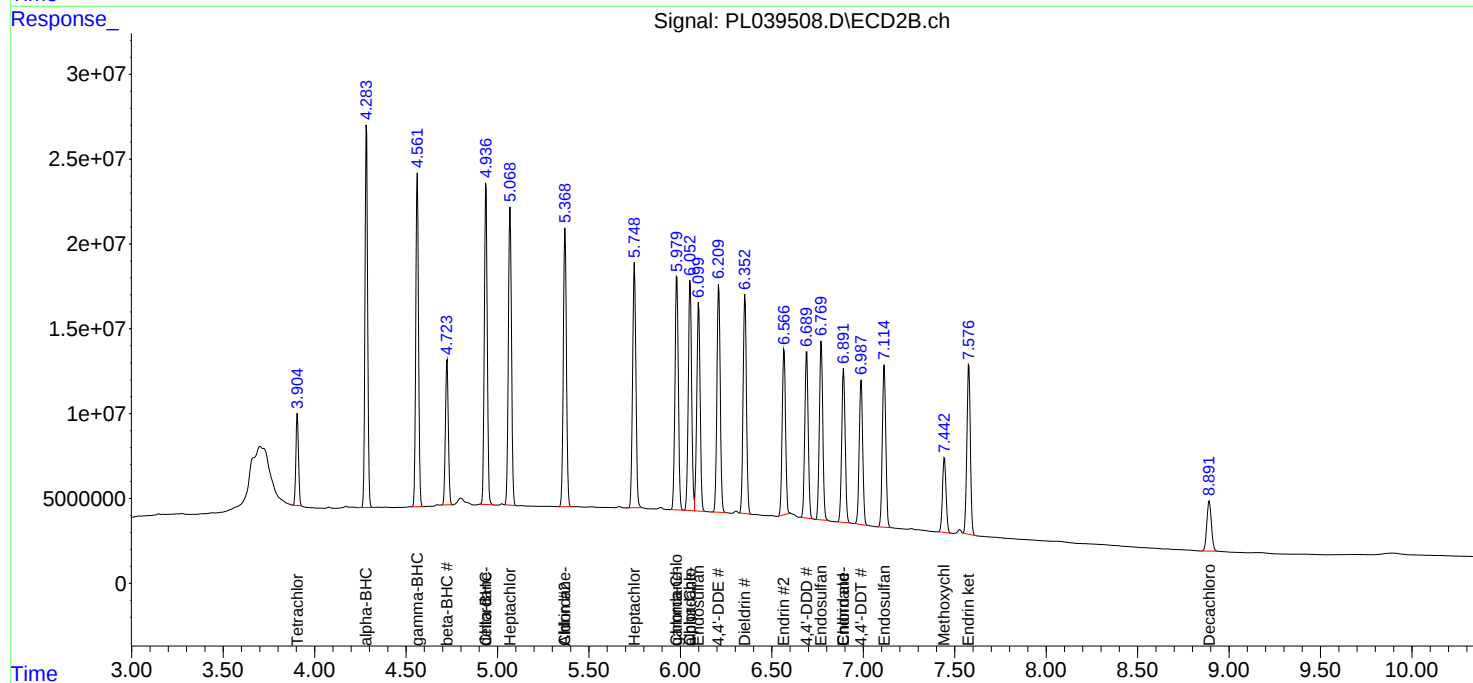
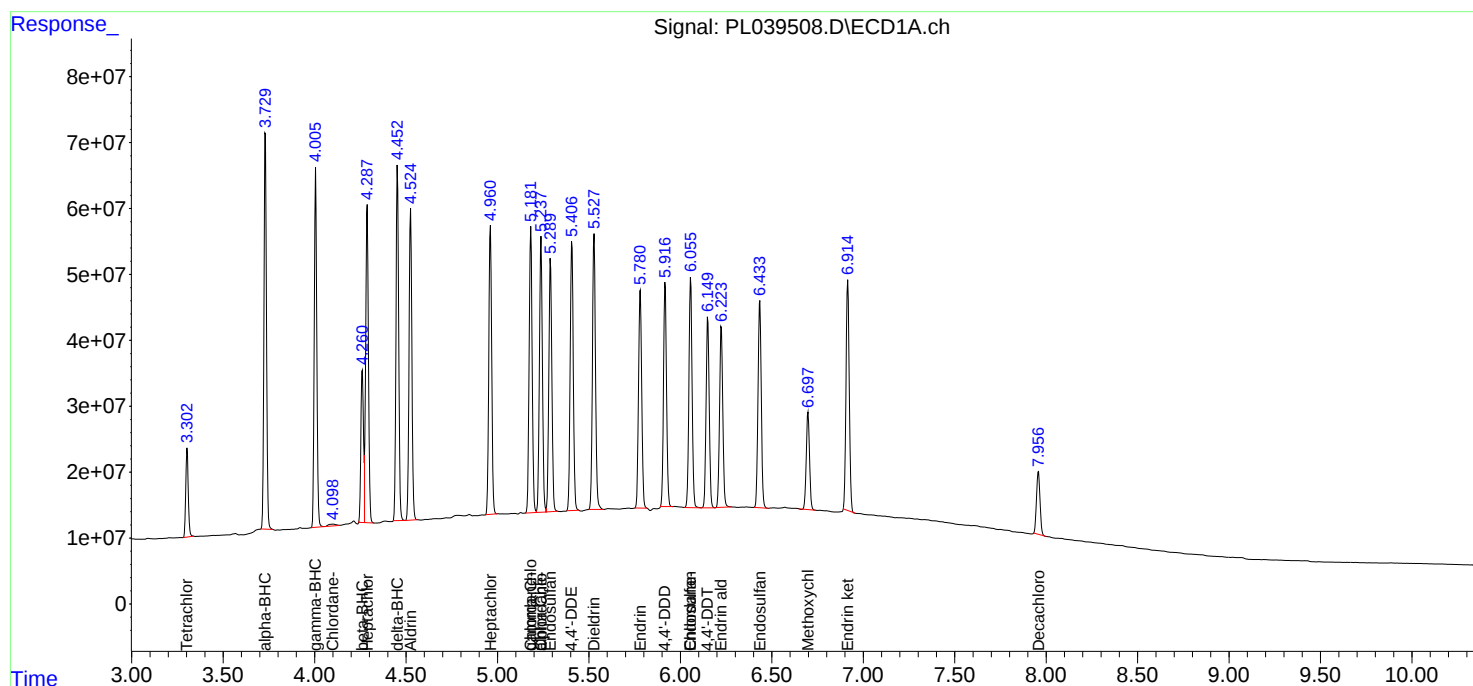
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

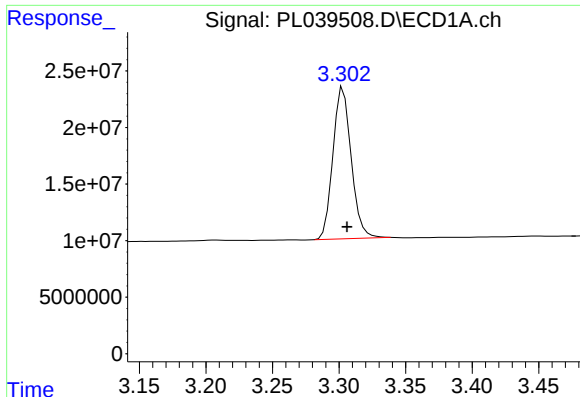
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082418\  
Data File : PL039508.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Aug 2018 18:20  
Operator : AJ\SJ  
Sample : PB112352BS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 24 23:02:35 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 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

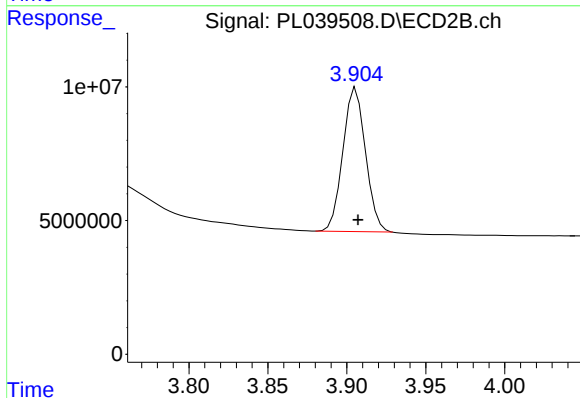




#1 Tetrachloro-m-xylene

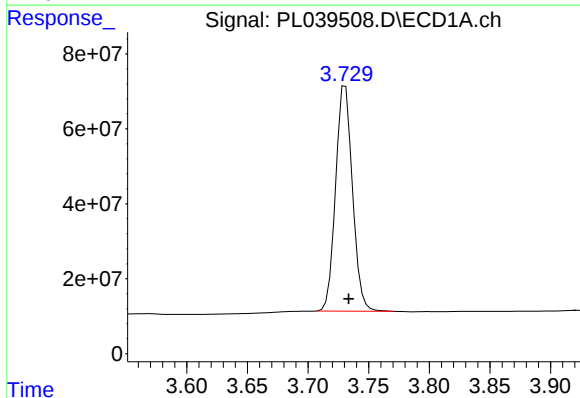
R.T.: 3.303 min  
Delta R.T.: -0.003 min  
Response: 128389308  
Conc: 18.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



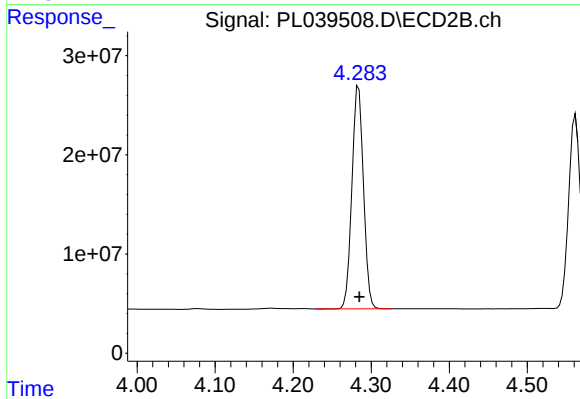
#1 Tetrachloro-m-xylene

R.T.: 3.906 min  
Delta R.T.: -0.001 min  
Response: 53814245  
Conc: 20.07 ng/ml



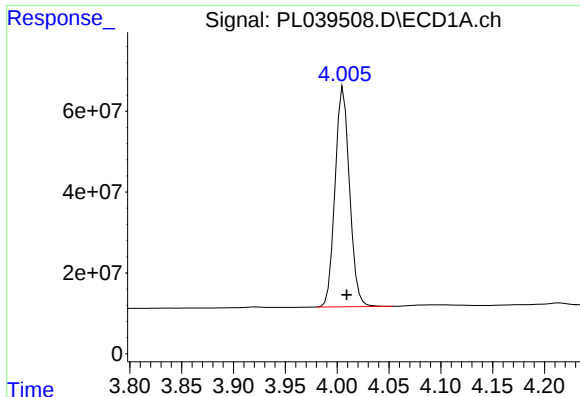
#2 alpha-BHC

R.T.: 3.731 min  
Delta R.T.: -0.003 min  
Response: 580985590  
Conc: 49.15 ng/ml



#2 alpha-BHC

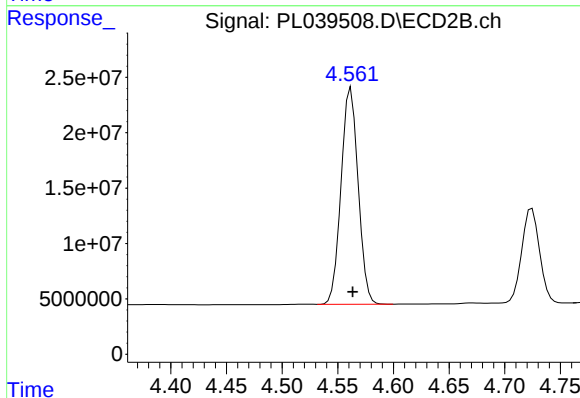
R.T.: 4.284 min  
Delta R.T.: -0.001 min  
Response: 231213339  
Conc: 54.91 ng/ml



#3 gamma-BHC (Lindane)

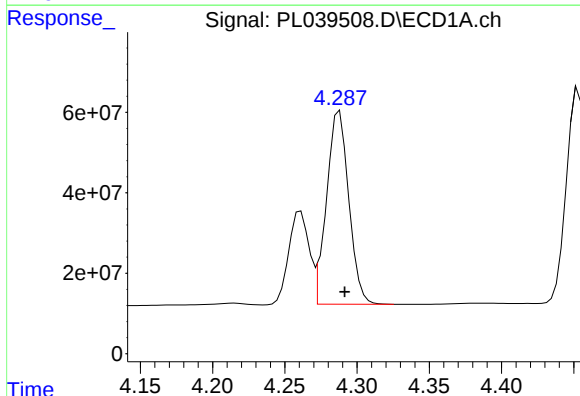
R.T.: 4.006 min  
Delta R.T.: -0.003 min  
Response: 528314735  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



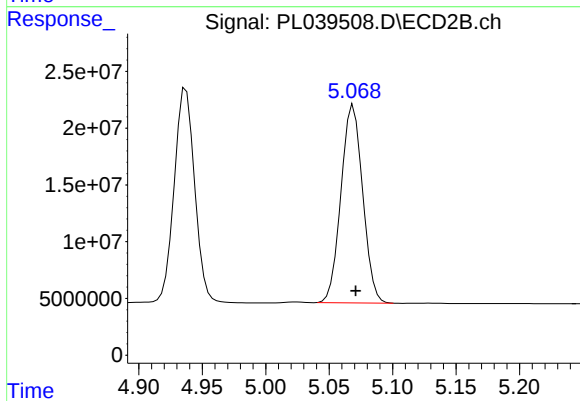
#3 gamma-BHC (Lindane)

R.T.: 4.562 min  
Delta R.T.: -0.002 min  
Response: 208585010  
Conc: 51.80 ng/ml



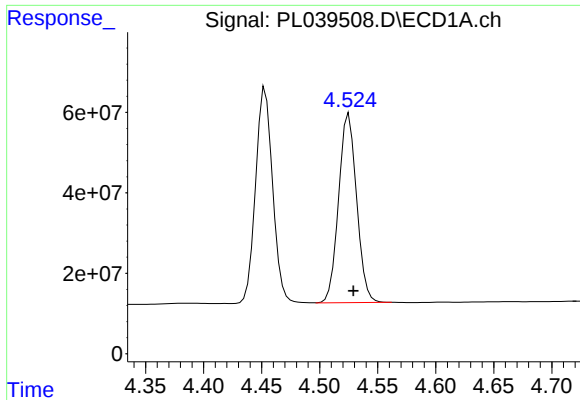
#4 Heptachlor

R.T.: 4.288 min  
Delta R.T.: -0.003 min  
Response: 513722530  
Conc: 48.80 ng/ml



#4 Heptachlor

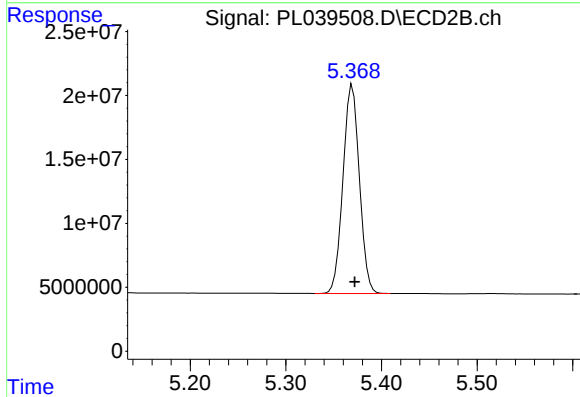
R.T.: 5.069 min  
Delta R.T.: -0.002 min  
Response: 207487429  
Conc: 58.02 ng/ml



#5 Aldrin

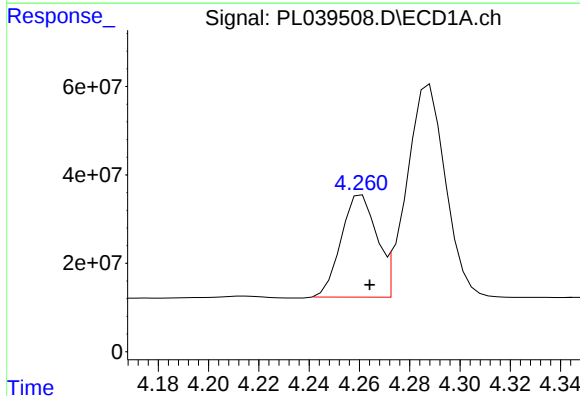
R.T.: 4.525 min  
Delta R.T.: -0.004 min  
Response: 507511500  
Conc: 50.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



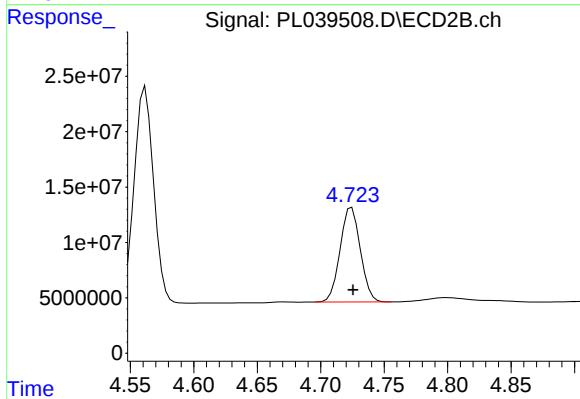
#5 Aldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 195416455  
Conc: 55.20 ng/ml



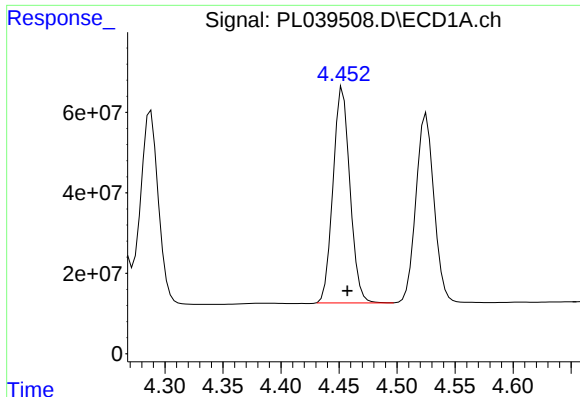
#6 beta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 225284826  
Conc: 48.49 ng/ml



#6 beta-BHC

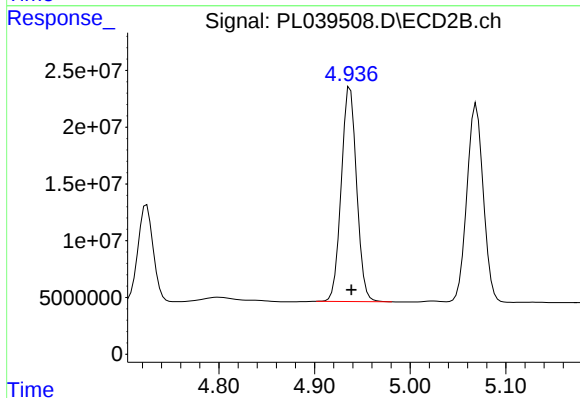
R.T.: 4.724 min  
Delta R.T.: -0.001 min  
Response: 94686000  
Conc: 54.06 ng/ml



#7 delta-BHC

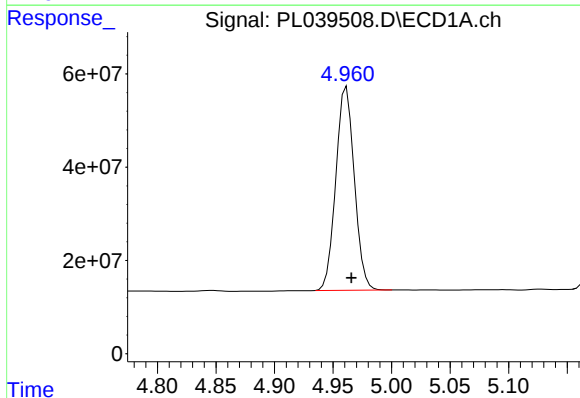
R.T.: 4.453 min  
Delta R.T.: -0.004 min  
Response: 544862596  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



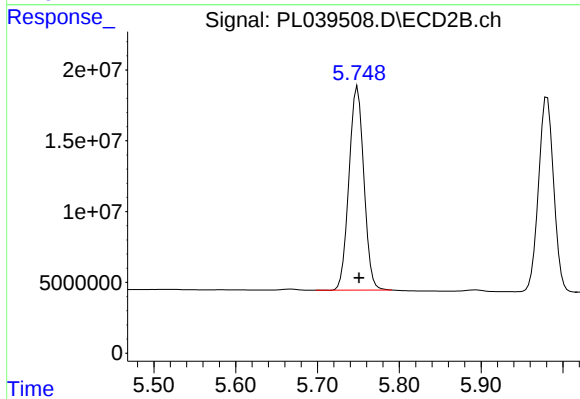
#7 delta-BHC

R.T.: 4.937 min  
Delta R.T.: -0.001 min  
Response: 211621786  
Conc: 53.15 ng/ml



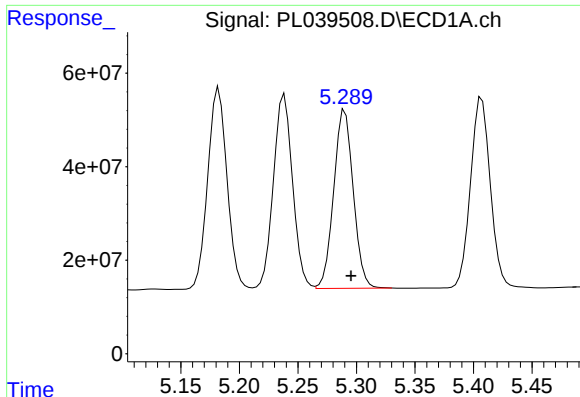
#8 Heptachlor epoxide

R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 480262284  
Conc: 50.29 ng/ml



#8 Heptachlor epoxide

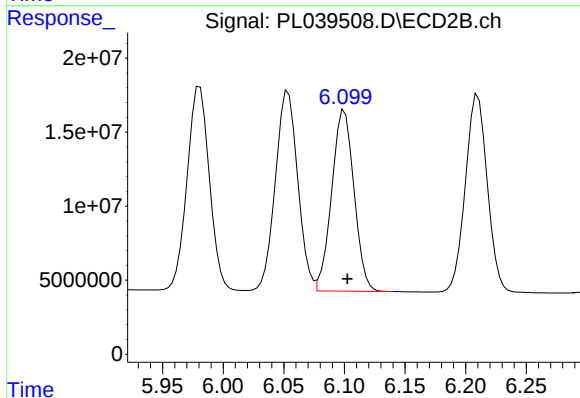
R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 181018323  
Conc: 53.83 ng/ml



#9 Endosulfan I

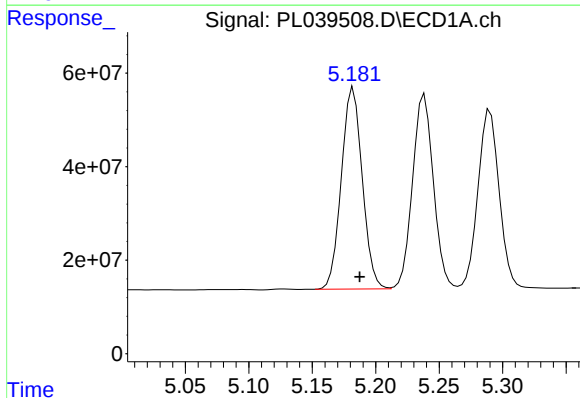
R.T.: 5.290 min  
Delta R.T.: -0.005 min  
Response: 442942885  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



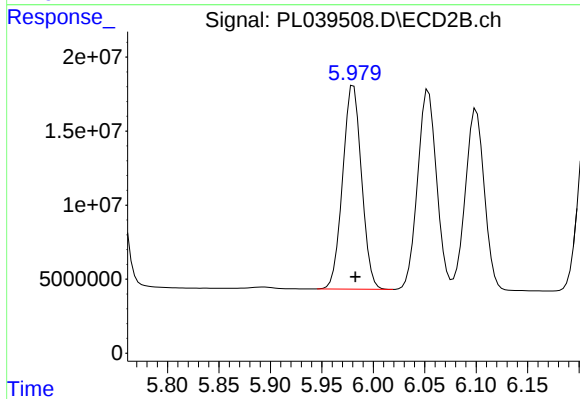
#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: -0.002 min  
Response: 156585852  
Conc: 53.38 ng/ml



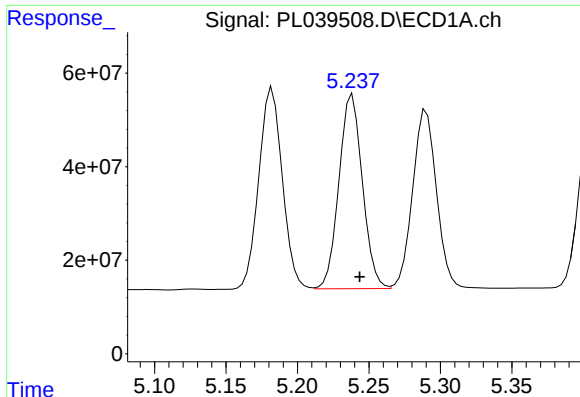
#10 gamma-Chlordane

R.T.: 5.182 min  
Delta R.T.: -0.005 min  
Response: 493831947  
Conc: 50.00 ng/ml



#10 gamma-Chlordane

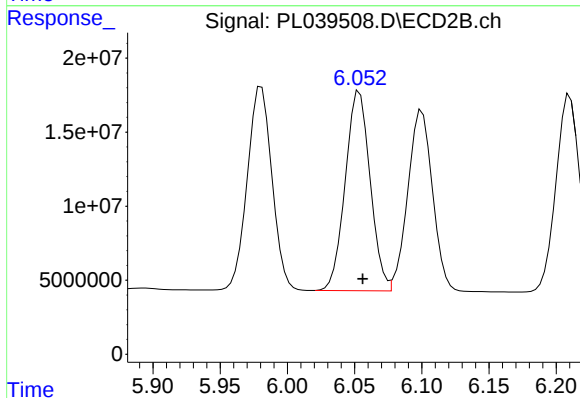
R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 175706082  
Conc: 54.29 ng/ml



#11 alpha-Chlordane

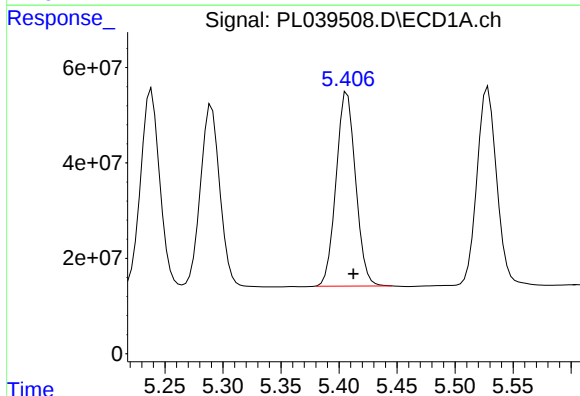
R.T.: 5.238 min  
Delta R.T.: -0.005 min  
Response: 474423354  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



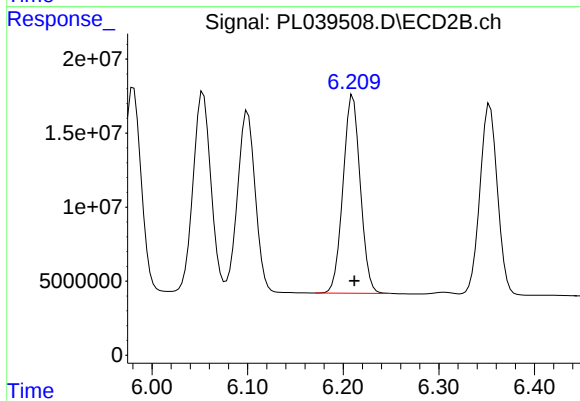
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 173737933  
Conc: 53.71 ng/ml



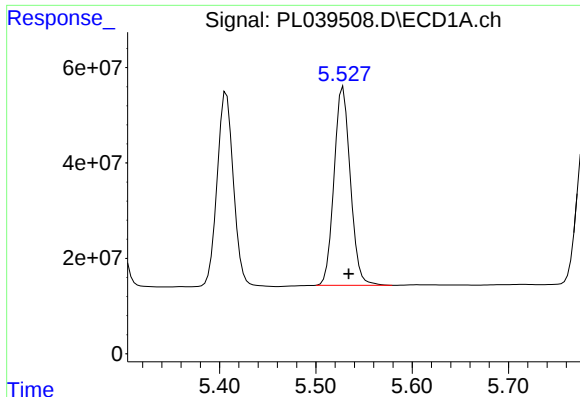
#12 4,4'-DDE

R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 476622489  
Conc: 49.77 ng/ml



#12 4,4'-DDE

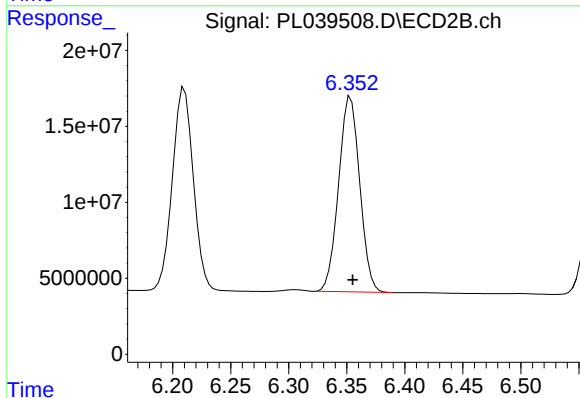
R.T.: 6.210 min  
Delta R.T.: -0.002 min  
Response: 168364817  
Conc: 54.45 ng/ml



#13 Dieldrin

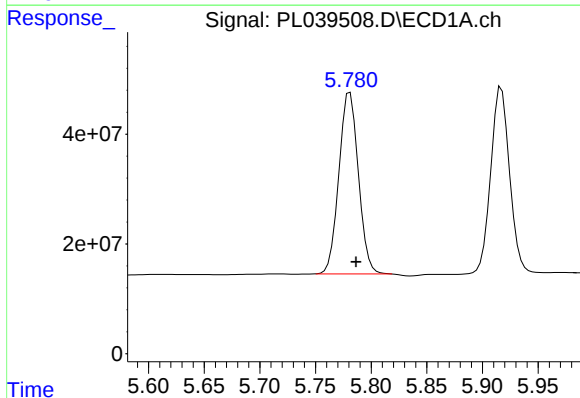
R.T.: 5.528 min  
Delta R.T.: -0.006 min  
Response: 490270894  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



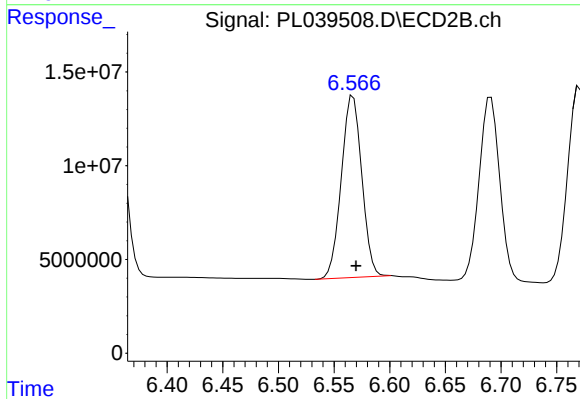
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: -0.002 min  
Response: 162704054  
Conc: 53.71 ng/ml



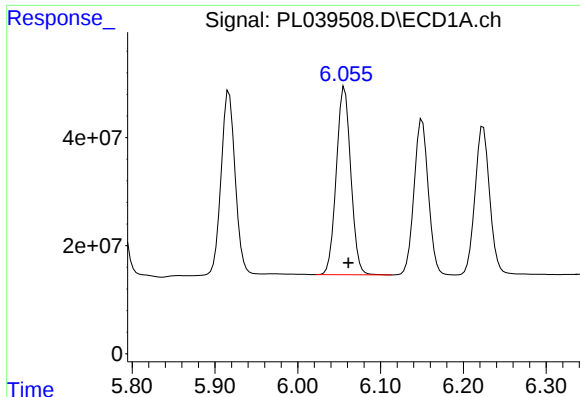
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: -0.006 min  
Response: 403037180  
Conc: 45.03 ng/ml



#14 Endrin

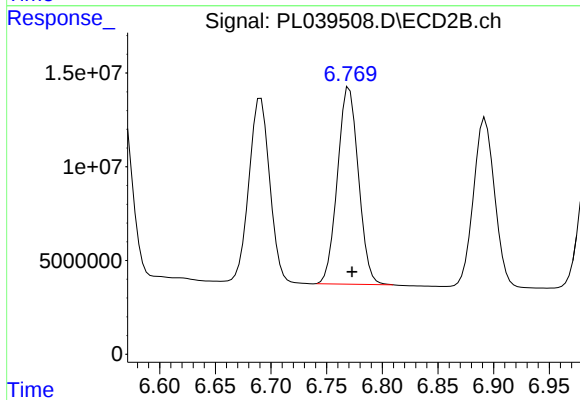
R.T.: 6.567 min  
Delta R.T.: -0.003 min  
Response: 124291000  
Conc: 48.34 ng/ml



#15 Endosulfan II

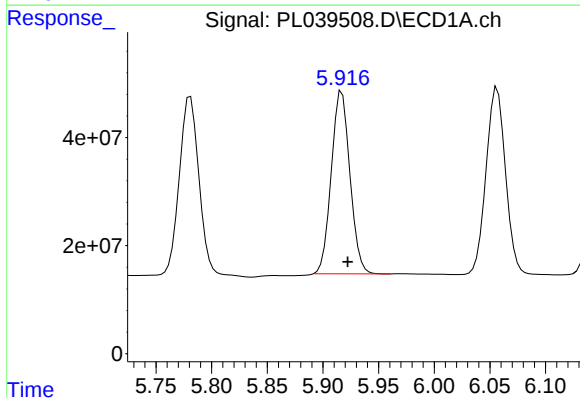
R.T.: 6.057 min  
Delta R.T.: -0.005 min  
Response: 423265637  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



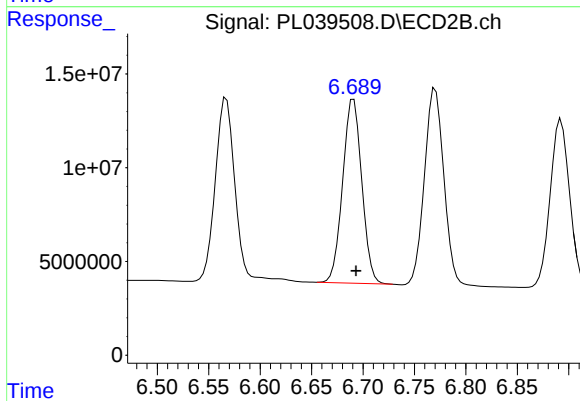
#15 Endosulfan II

R.T.: 6.770 min  
Delta R.T.: -0.003 min  
Response: 137550494  
Conc: 53.55 ng/ml



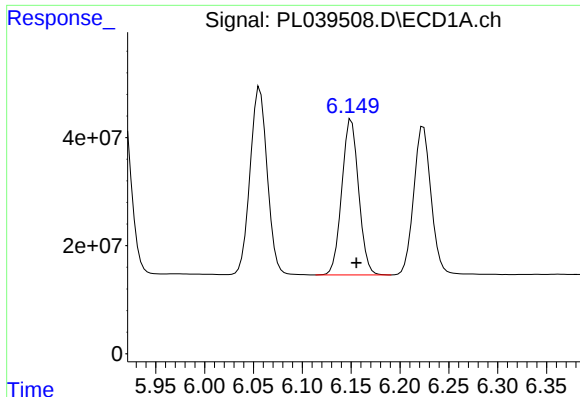
#16 4,4'-DDD

R.T.: 5.917 min  
Delta R.T.: -0.005 min  
Response: 394443925  
Conc: 49.50 ng/ml



#16 4,4'-DDD

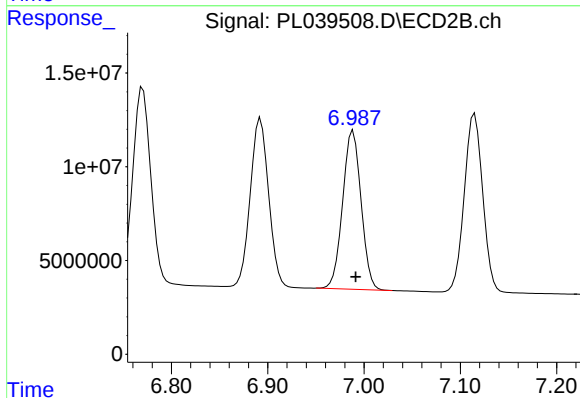
R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 126916793  
Conc: 56.67 ng/ml



#17 4,4'-DDT

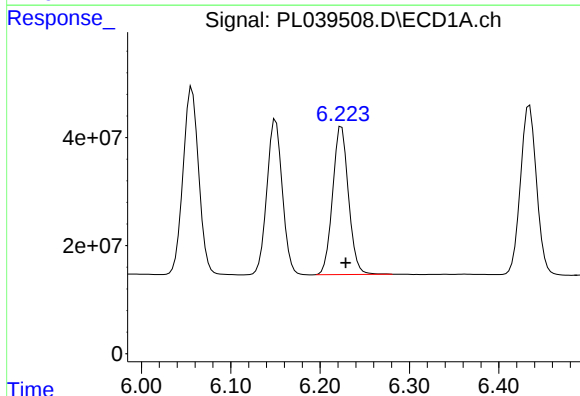
R.T.: 6.150 min  
Delta R.T.: -0.005 min  
Response: 346283262  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



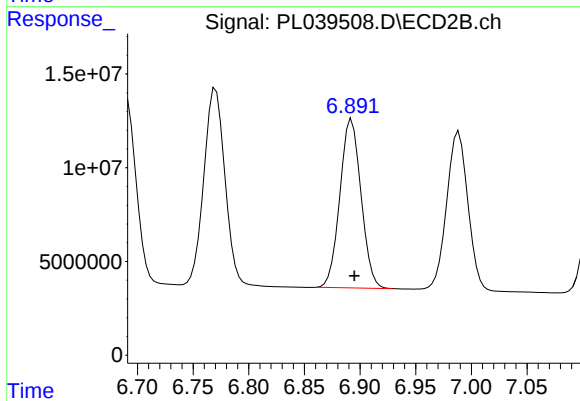
#17 4,4'-DDT

R.T.: 6.989 min  
Delta R.T.: -0.003 min  
Response: 112189778  
Conc: 47.66 ng/ml



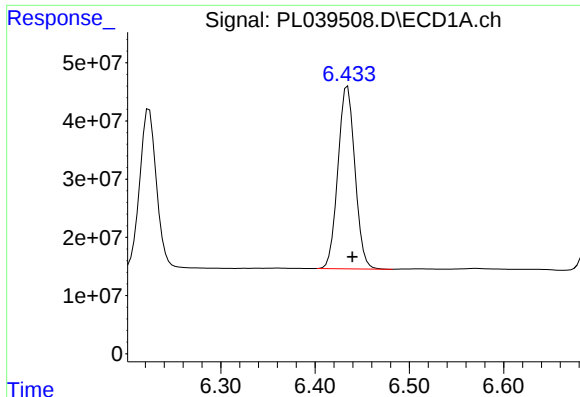
#18 Endrin aldehyde

R.T.: 6.224 min  
Delta R.T.: -0.005 min  
Response: 338101152  
Conc: 49.89 ng/ml



#18 Endrin aldehyde

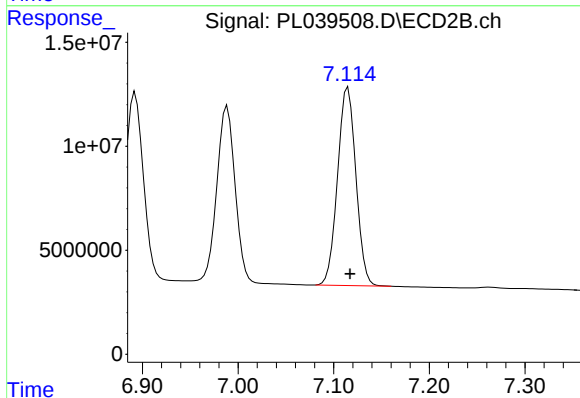
R.T.: 6.892 min  
Delta R.T.: -0.003 min  
Response: 118930165  
Conc: 54.77 ng/ml



#19 Endosulfan Sulfate

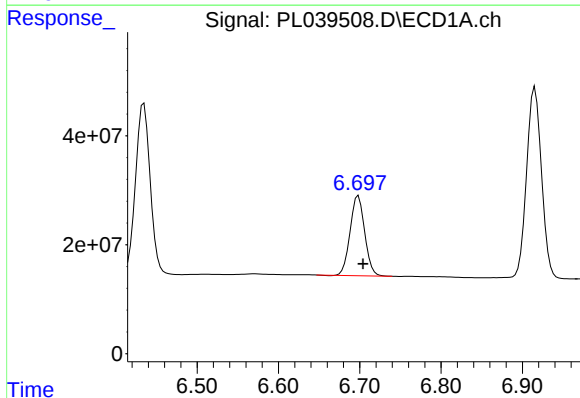
R.T.: 6.434 min  
Delta R.T.: -0.005 min  
Response: 393091115  
Conc: 48.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



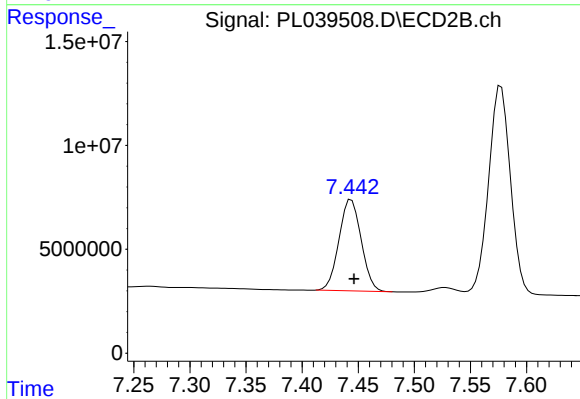
#19 Endosulfan Sulfate

R.T.: 7.115 min  
Delta R.T.: -0.002 min  
Response: 127301693  
Conc: 53.10 ng/ml



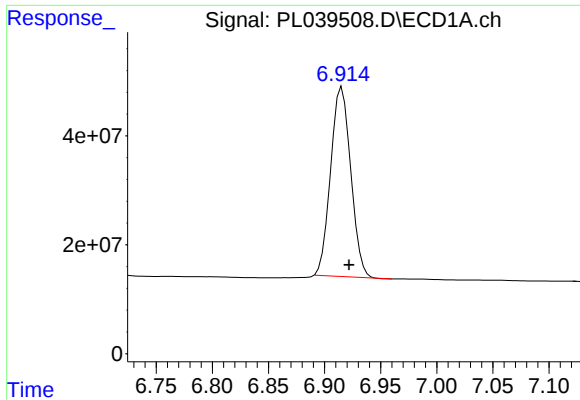
#20 Methoxychlor

R.T.: 6.698 min  
Delta R.T.: -0.006 min  
Response: 182083811  
Conc: 44.50 ng/ml



#20 Methoxychlor

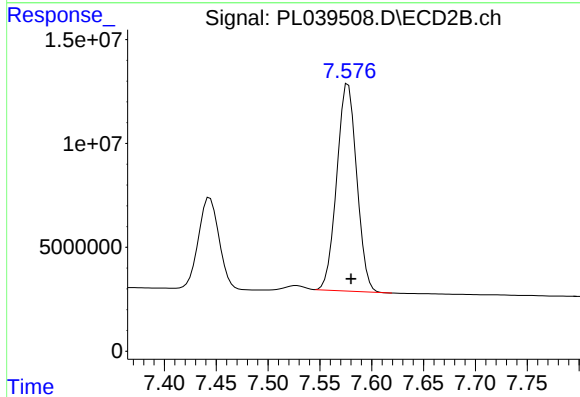
R.T.: 7.444 min  
Delta R.T.: -0.003 min  
Response: 60507212  
Conc: 48.85 ng/ml



#21 Endrin ketone

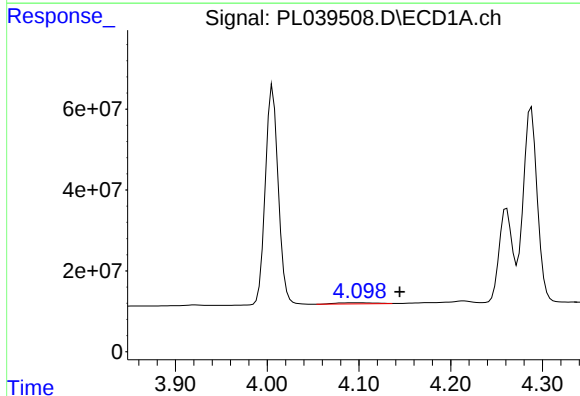
R.T.: 6.916 min  
Delta R.T.: -0.006 min  
Response: 433295145  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



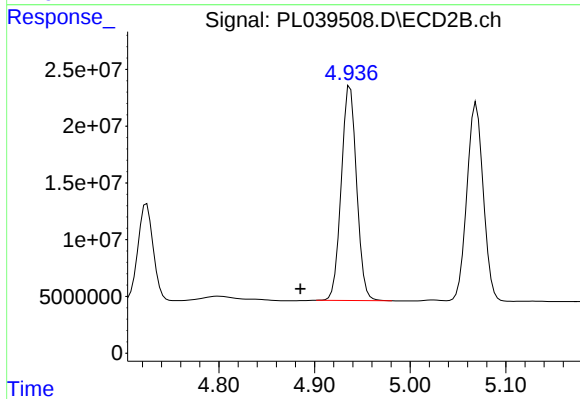
#21 Endrin ketone

R.T.: 7.577 min  
Delta R.T.: -0.003 min  
Response: 133569998  
Conc: 54.06 ng/ml



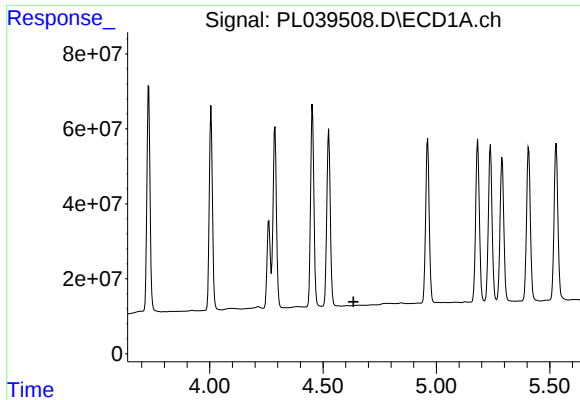
#23 Chlordane-1

R.T.: 4.100 min  
Delta R.T.: -0.044 min  
Response: 8162771  
Conc: 25.78 ng/ml



#23 Chlordane-1

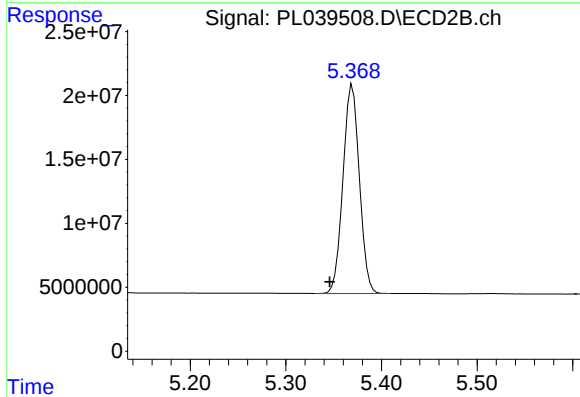
R.T.: 4.937 min  
Delta R.T.: 0.052 min  
Response: 211621786  
Conc: 1693.86 ng/ml



#24 Chlordane-2

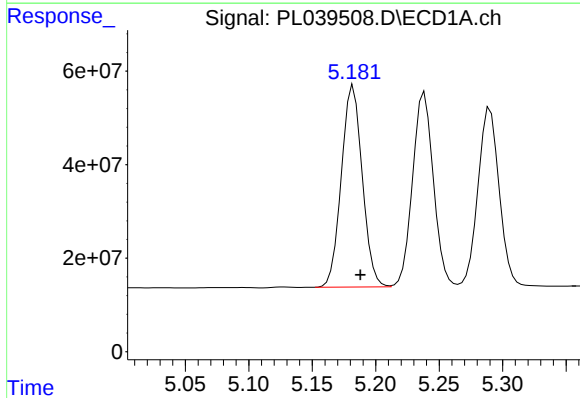
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



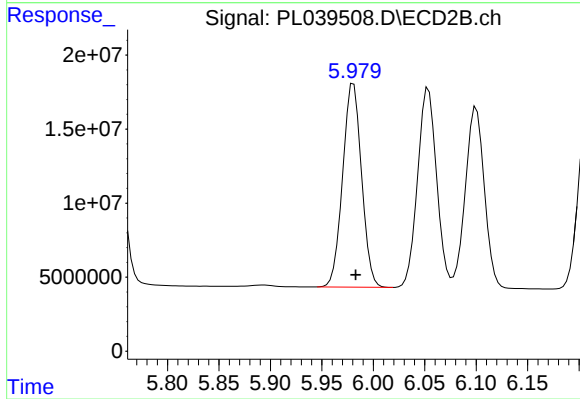
#24 Chlordane-2

R.T.: 5.370 min  
Delta R.T.: 0.024 min  
Response: 195416455  
Conc: 1542.78 ng/ml



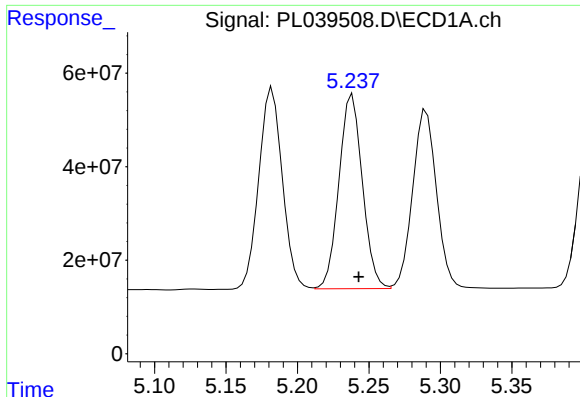
#25 Chlordane-3

R.T.: 5.182 min  
Delta R.T.: -0.006 min  
Response: 493831947  
Conc: 452.12 ng/ml



#25 Chlordane-3

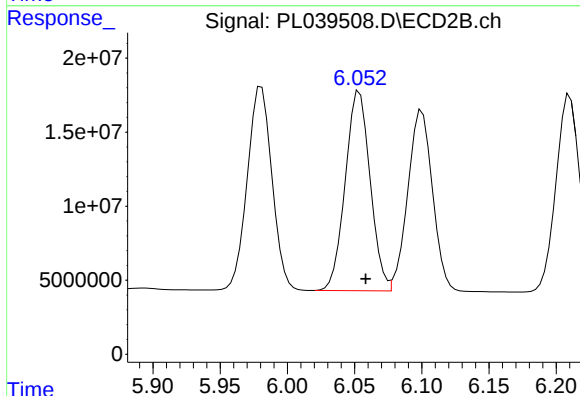
R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 175706082  
Conc: 408.27 ng/ml



#26 Chlordane-4

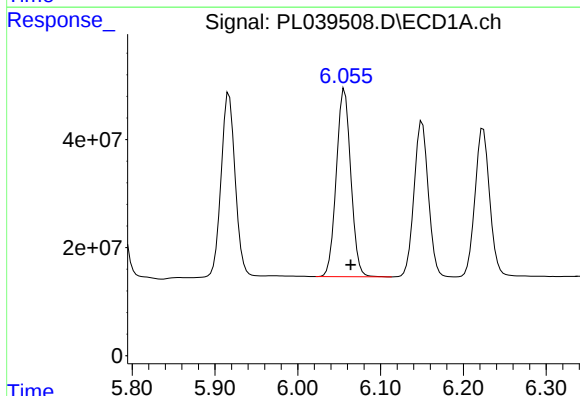
R.T.: 5.238 min  
Delta R.T.: -0.005 min  
Response: 474423354  
Conc: 474.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



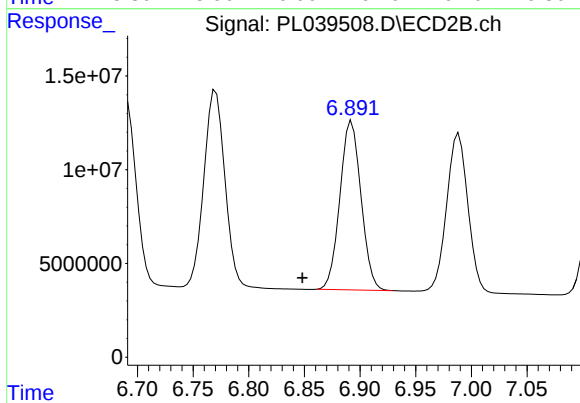
#26 Chlordane-4

R.T.: 6.054 min  
Delta R.T.: -0.005 min  
Response: 173737933  
Conc: 334.94 ng/ml



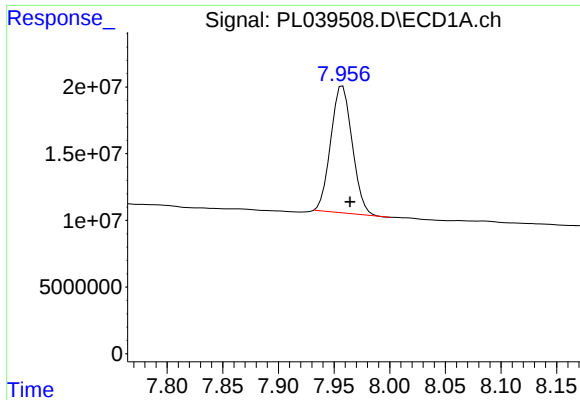
#27 Chlordane-5

R.T.: 6.057 min  
Delta R.T.: -0.007 min  
Response: 423265637  
Conc: 1305.05 ng/ml



#27 Chlordane-5

R.T.: 6.892 min  
Delta R.T.: 0.044 min  
Response: 118930165  
Conc: 1285.68 ng/ml



#28 Decachlorobiphenyl

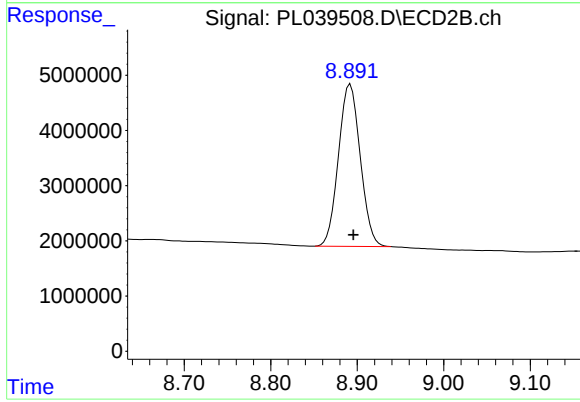
R.T.: 7.958 min

Delta R.T.: -0.007 min

Response: 126820668

Conc: 18.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.892 min

Delta R.T.: -0.003 min

Response: 51170940

Conc: 22.05 ng/ml