

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082218\  
 Data File : PL039450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2018 00:24  
 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: Aug 23 01:10:56 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... | 3.305 | 3.907 | 317.4E6 | 138.5E6  | 45.400   | 51.678     |
| 28)                         | SA Decachlor... | 7.961 | 8.895 | 301.5E6 | 113.9E6  | 42.928   | 49.085     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.732 | 4.285 | 540.8E6 | 219.5E6  | 45.751   | 52.125     |
| 3)                          | MA gamma-BHC... | 4.008 | 4.564 | 490.6E6 | 197.7E6  | 46.255   | 49.094     |
| 4)                          | MA Heptachlor   | 4.289 | 5.070 | 476.4E6 | 192.8E6  | 45.254   | 53.918     |
| 5)                          | MB Aldrin       | 4.527 | 5.372 | 467.7E6 | 183.2E6  | 46.691   | 51.752     |
| 6)                          | B beta-BHC      | 4.263 | 4.726 | 213.2E6 | 90101415 | 45.898   | 51.441     |
| 7)                          | B delta-BHC     | 4.455 | 4.939 | 505.0E6 | 199.0E6  | 46.529   | 49.979     |
| 8)                          | B Heptachlo...  | 4.963 | 5.750 | 437.4E6 | 170.8E6  | 45.800   | 50.788     |
| 9)                          | A Endosulfan I  | 5.292 | 6.102 | 402.5E6 | 146.9E6  | 45.969   | 50.062     |
| 10)                         | B gamma-Chl...  | 5.184 | 5.983 | 453.1E6 | 166.6E6  | 45.874   | 51.463     |
| 11)                         | B alpha-Chl...  | 5.240 | 6.056 | 435.1E6 | 163.0E6  | 45.285   | 50.389     |
| 12)                         | B 4,4'-DDE      | 5.409 | 6.212 | 443.8E6 | 156.5E6  | 46.340   | 50.627     |
| 13)                         | MA Dieldrin     | 5.531 | 6.355 | 448.1E6 | 152.7E6  | 45.952   | 50.404     |
| 14)                         | MA Endrin       | 5.783 | 6.569 | 386.7E6 | 121.2E6  | 43.198   | 47.146     |
| 15)                         | B Endosulfa...  | 6.059 | 6.773 | 394.8E6 | 127.1E6  | 45.406   | 49.494     |
| 16)                         | A 4,4'-DDD      | 5.919 | 6.693 | 363.4E6 | 117.4E6  | 45.606   | 52.437     |
| 17)                         | MA 4,4'-DDT     | 6.152 | 6.991 | 320.6E6 | 103.3E6  | 42.294   | 43.898     |
| 18)                         | B Endrin al...  | 6.226 | 6.895 | 304.9E6 | 108.0E6  | 44.997   | 49.727     |
| 19)                         | B Endosulfa...  | 6.436 | 7.117 | 362.5E6 | 117.9E6  | 44.548   | 49.177     |
| 20)                         | A Methoxychlor  | 6.700 | 7.447 | 170.7E6 | 56194139 | 41.724   | 45.371     |
| 21)                         | B Endrin ke...  | 6.918 | 7.580 | 385.0E6 | 119.9E6  | 44.737   | 48.523     |
| 23)                         | Chlordane-1     | 4.177 | 4.939 | 2601135 | 199.0E6  | 8.216    | 1592.785 # |
| 24)                         | Chlordane-2     | 0.000 | 5.372 | 0       | 183.2E6  | N.D.     | 1446.367 # |
| 25)                         | Chlordane-3     | 5.184 | 5.983 | 453.1E6 | 166.6E6  | 414.813  | 387.012    |
| 26)                         | Chlordane-4     | 5.240 | 6.056 | 435.1E6 | 163.0E6  | 435.343  | 314.252 #  |
| 27)                         | Chlordane-5     | 6.059 | 6.895 | 394.8E6 | 108.0E6  | 1217.336 | 1167.239   |
| -----                       |                 |       |       |         |          |          |            |

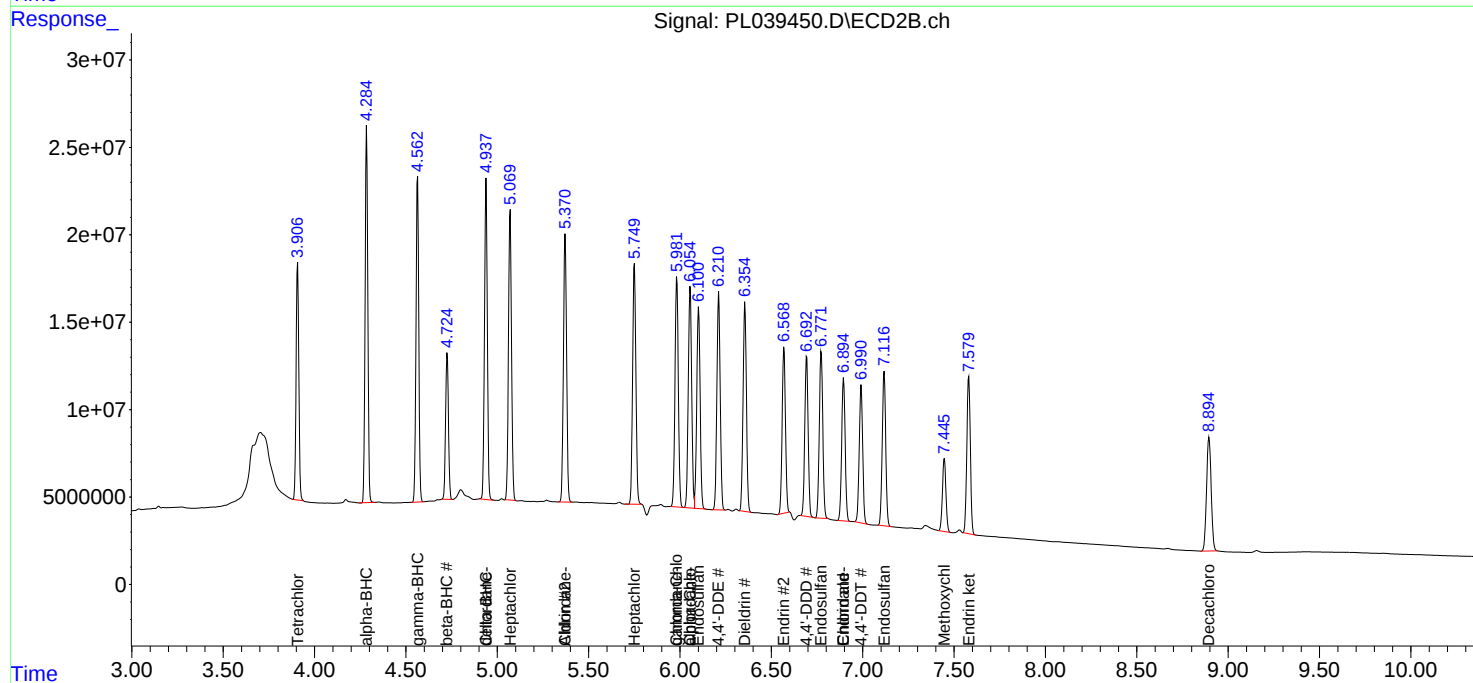
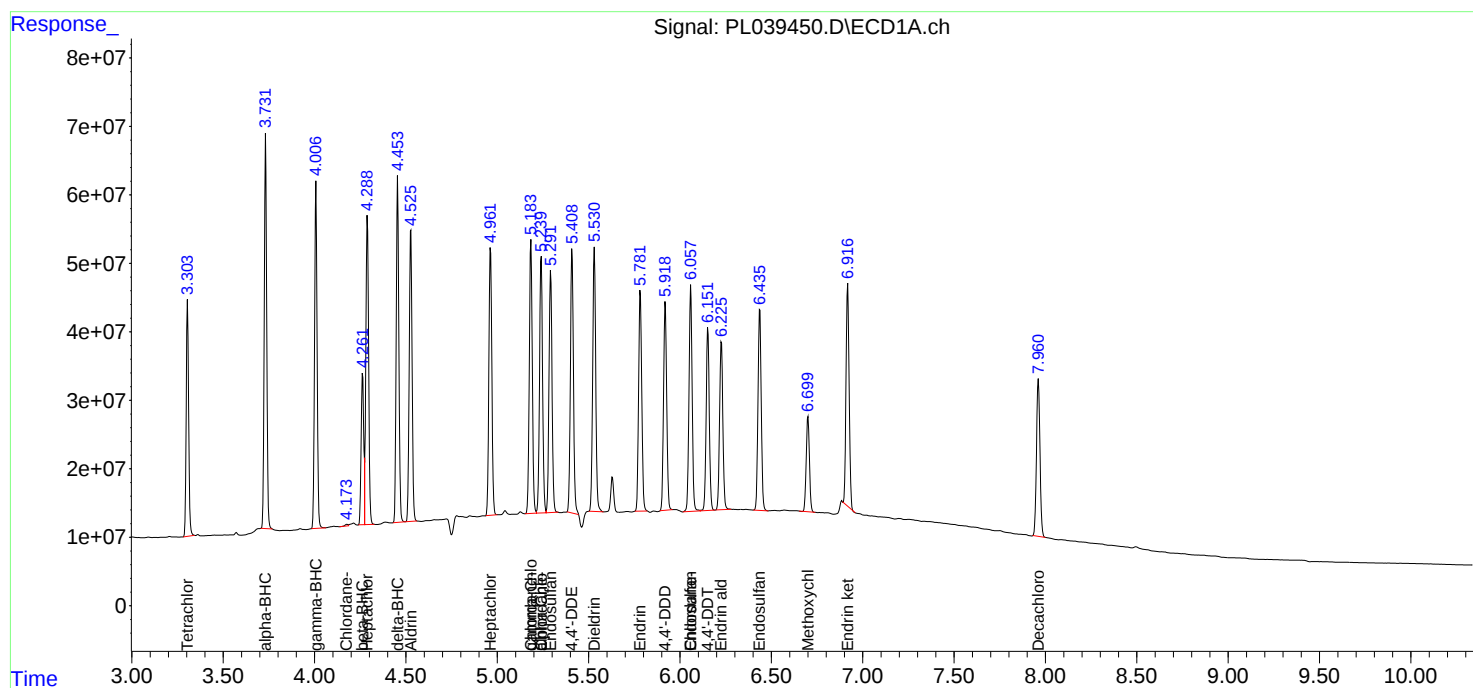
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

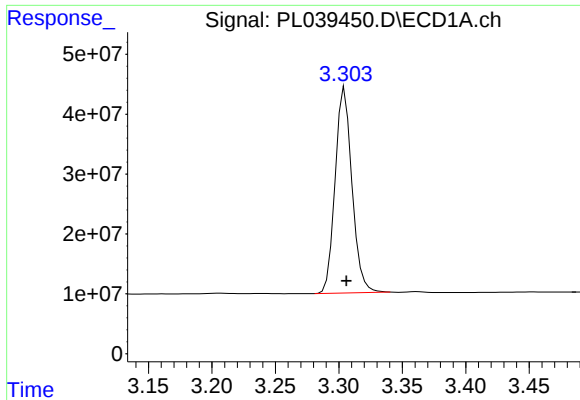
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082218\  
Data File : PL039450.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2018 00:24  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 01:10:56 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

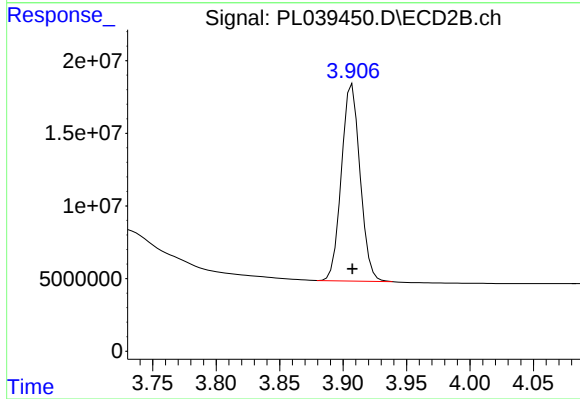




#1 Tetrachloro-m-xylene

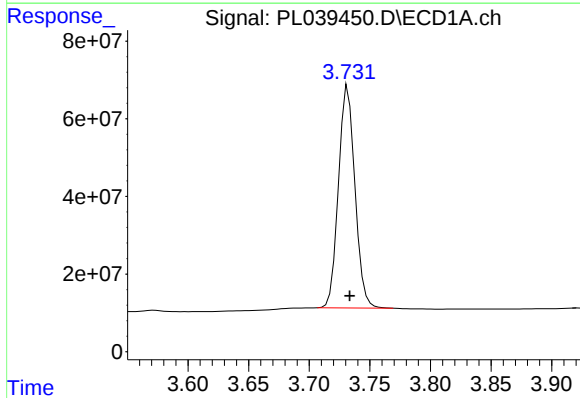
R.T.: 3.305 min  
Delta R.T.: -0.001 min  
Response: 317367980  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



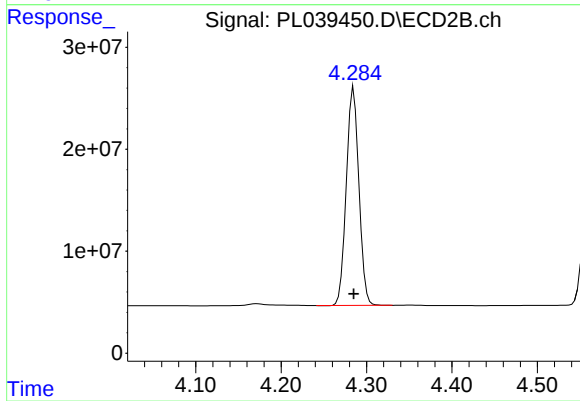
#1 Tetrachloro-m-xylene

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 138543288  
Conc: 51.68 ng/ml



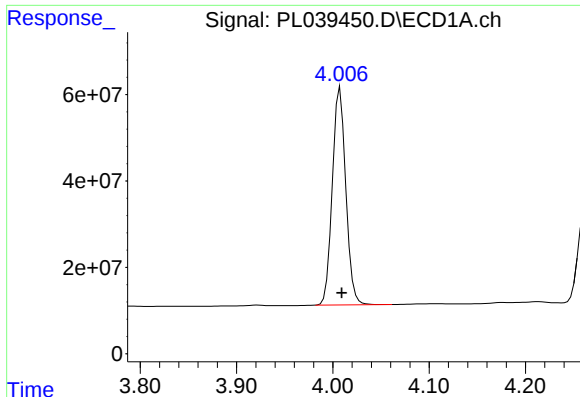
#2 alpha-BHC

R.T.: 3.732 min  
Delta R.T.: -0.002 min  
Response: 540789762  
Conc: 45.75 ng/ml



#2 alpha-BHC

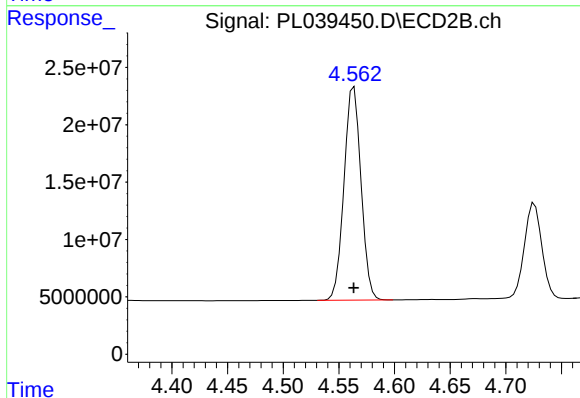
R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 219499495  
Conc: 52.13 ng/ml



#3 gamma-BHC (Lindane)

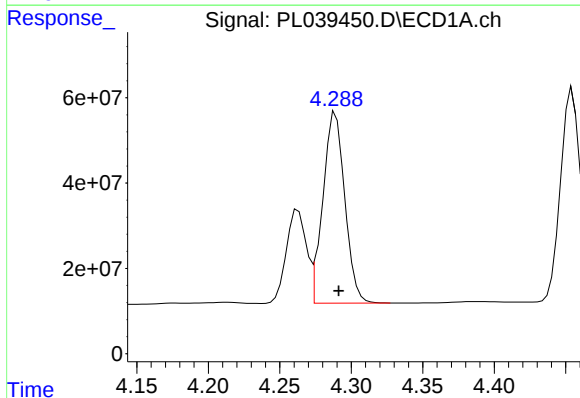
R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 490610058  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



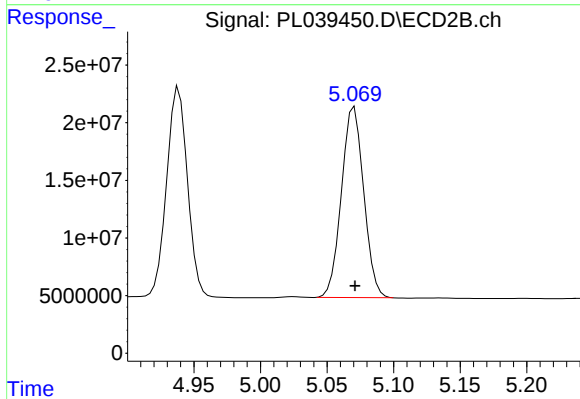
#3 gamma-BHC (Lindane)

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 197679184  
Conc: 49.09 ng/ml



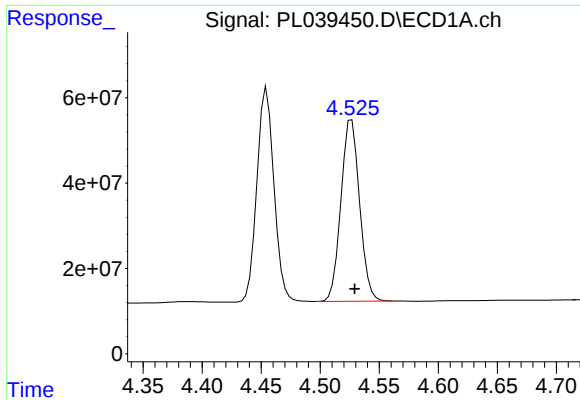
#4 Heptachlor

R.T.: 4.289 min  
Delta R.T.: -0.002 min  
Response: 476392867  
Conc: 45.25 ng/ml



#4 Heptachlor

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 192801777  
Conc: 53.92 ng/ml



#5 Aldrin

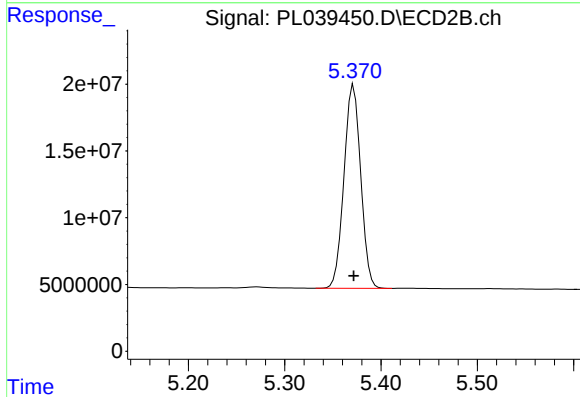
R.T.: 4.527 min

Delta R.T.: -0.003 min

Response: 467653052

Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



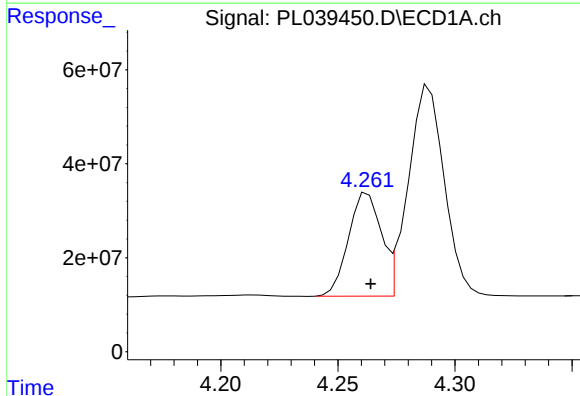
#5 Aldrin

R.T.: 5.372 min

Delta R.T.: 0.000 min

Response: 183203952

Conc: 51.75 ng/ml



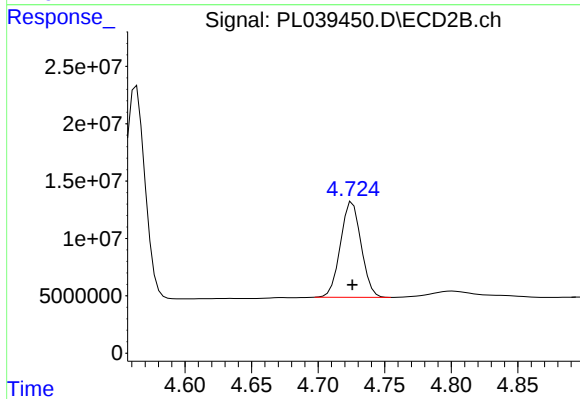
#6 beta-BHC

R.T.: 4.263 min

Delta R.T.: -0.001 min

Response: 213218416

Conc: 45.90 ng/ml



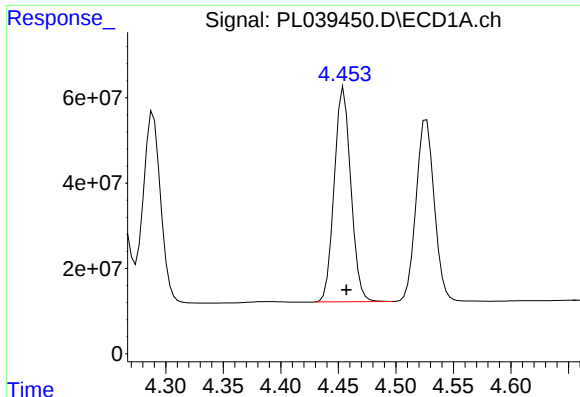
#6 beta-BHC

R.T.: 4.726 min

Delta R.T.: 0.000 min

Response: 90101415

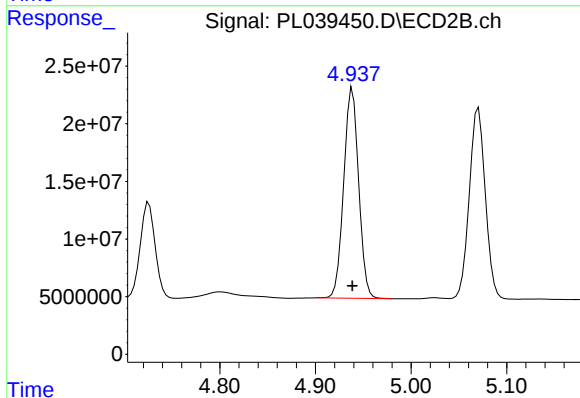
Conc: 51.44 ng/ml



#7 delta-BHC

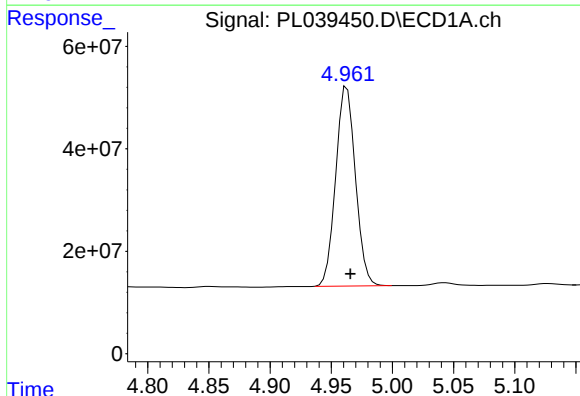
R.T.: 4.455 min  
Delta R.T.: -0.002 min  
Response: 505040734  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



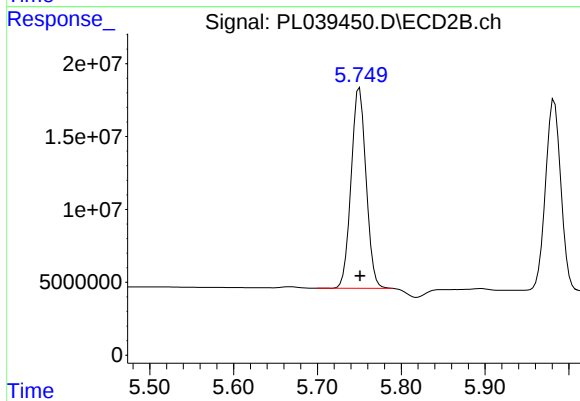
#7 delta-BHC

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 198994298  
Conc: 49.98 ng/ml



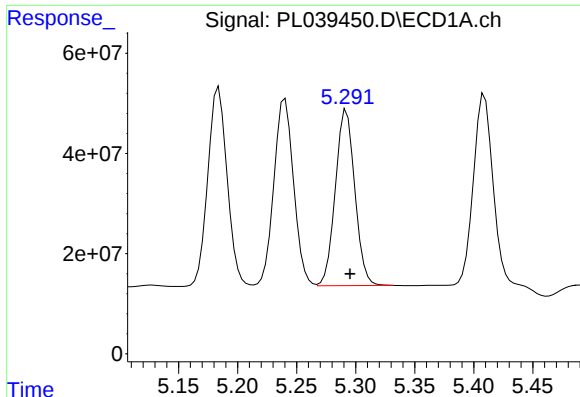
#8 Heptachlor epoxide

R.T.: 4.963 min  
Delta R.T.: -0.003 min  
Response: 437357480  
Conc: 45.80 ng/ml



#8 Heptachlor epoxide

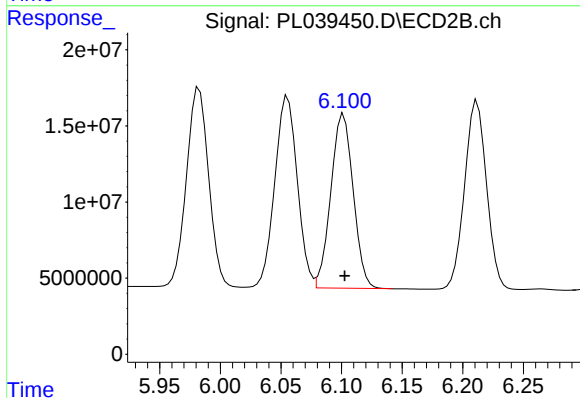
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 170804539  
Conc: 50.79 ng/ml



#9 Endosulfan I

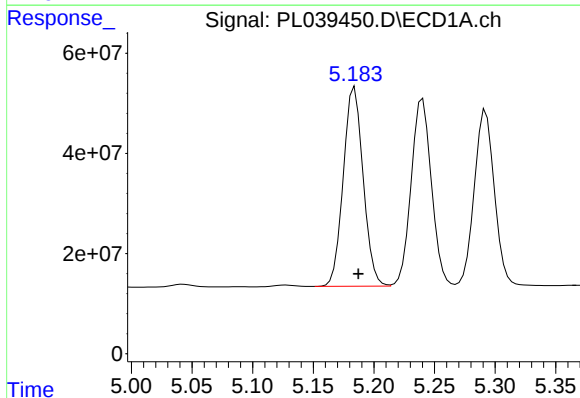
R.T.: 5.292 min  
Delta R.T.: -0.003 min  
Response: 402513058  
Conc: 45.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



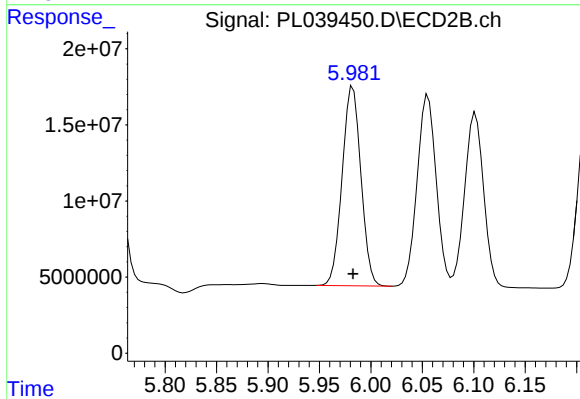
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 146857966  
Conc: 50.06 ng/ml



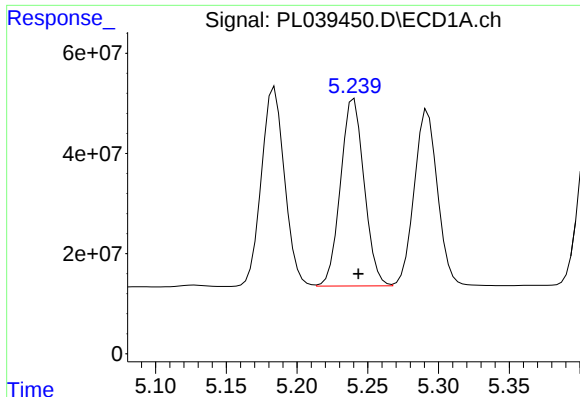
#10 gamma-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 453085805  
Conc: 45.87 ng/ml



#10 gamma-Chlordane

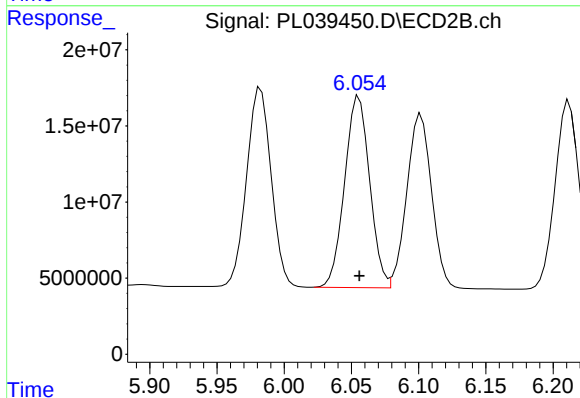
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 166557208  
Conc: 51.46 ng/ml



#11 alpha-Chlordane

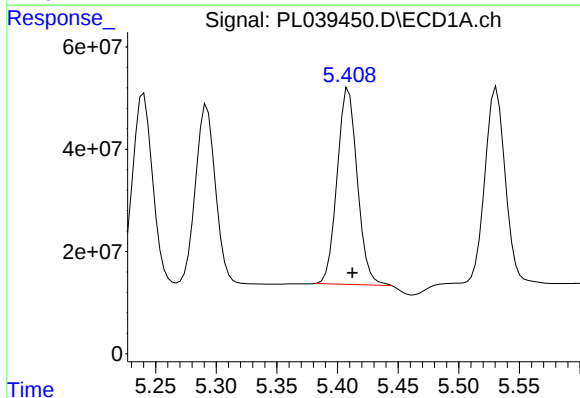
R.T.: 5.240 min  
Delta R.T.: -0.003 min  
Response: 435060250  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



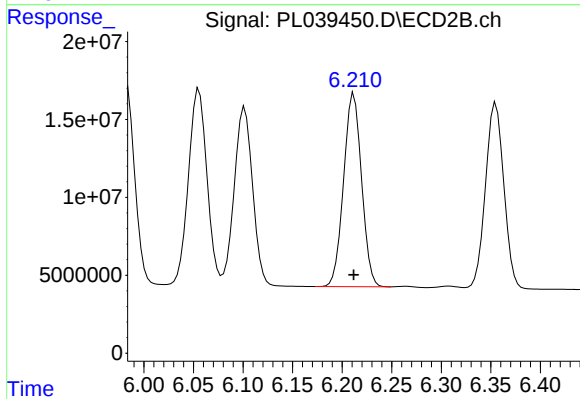
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 163008652  
Conc: 50.39 ng/ml



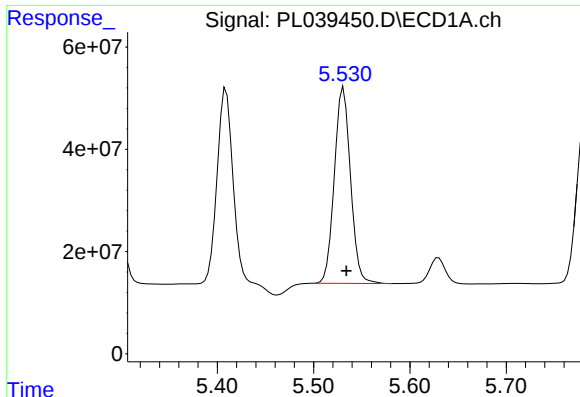
#12 4,4'-DDE

R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 443753360  
Conc: 46.34 ng/ml



#12 4,4'-DDE

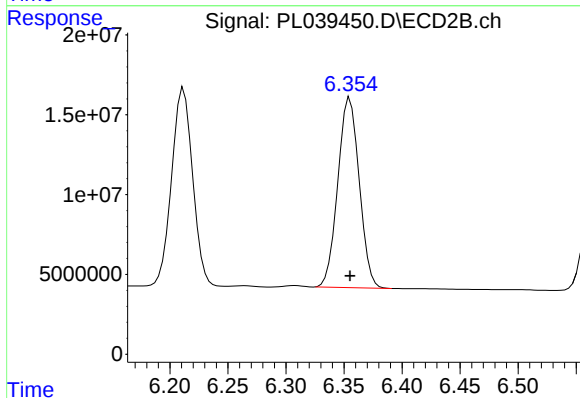
R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 156539136  
Conc: 50.63 ng/ml



#13 Dieldrin

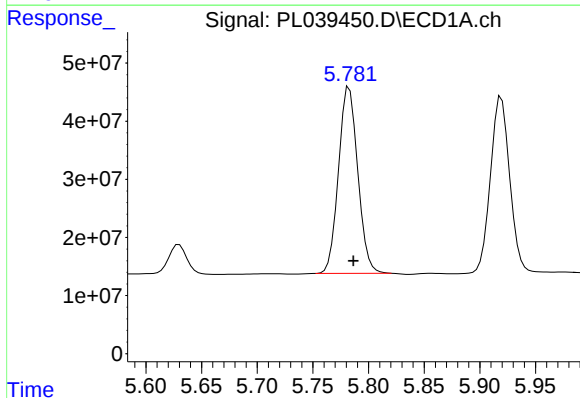
R.T.: 5.531 min  
Delta R.T.: -0.003 min  
Response: 448114024  
Conc: 45.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



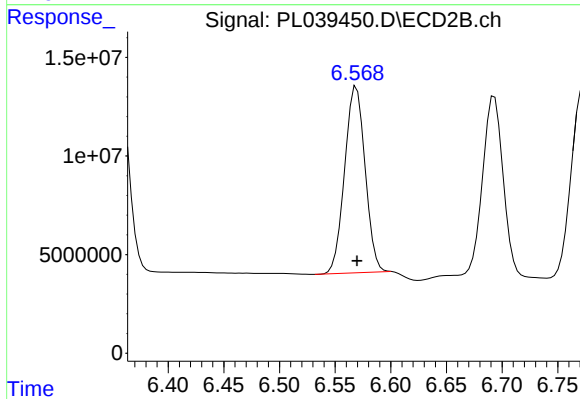
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 152690536  
Conc: 50.40 ng/ml



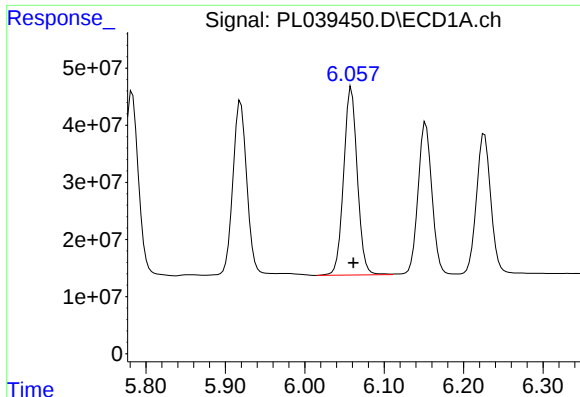
#14 Endrin

R.T.: 5.783 min  
Delta R.T.: -0.004 min  
Response: 386663143  
Conc: 43.20 ng/ml



#14 Endrin

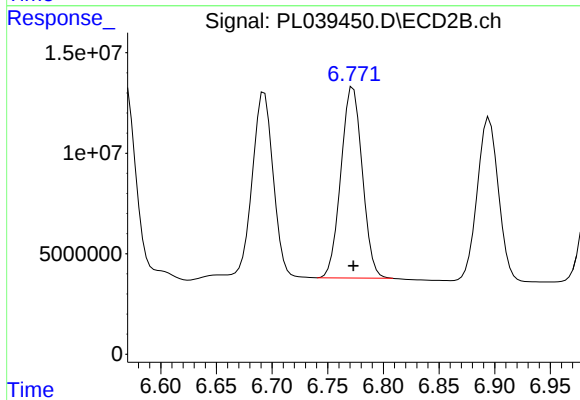
R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 121224830  
Conc: 47.15 ng/ml



#15 Endosulfan II

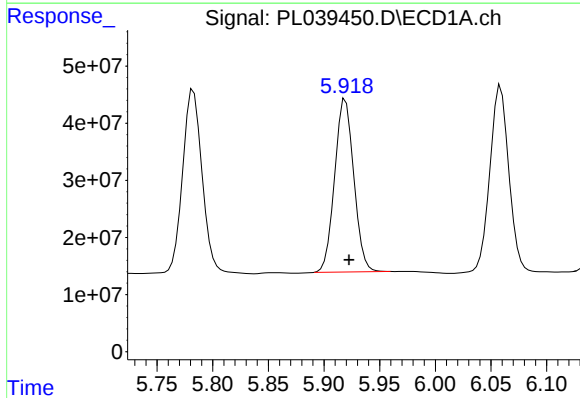
R.T.: 6.059 min  
Delta R.T.: -0.002 min  
Response: 394818225  
Conc: 45.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



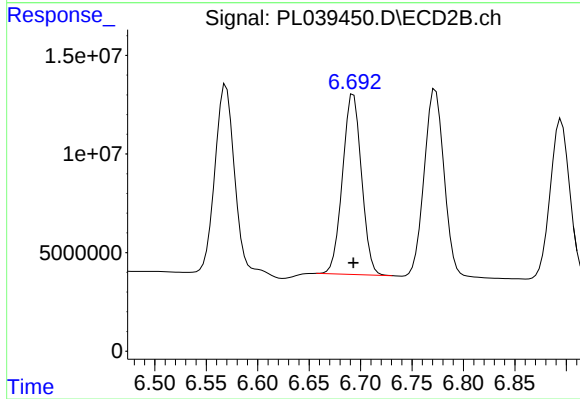
#15 Endosulfan II

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 127129235  
Conc: 49.49 ng/ml



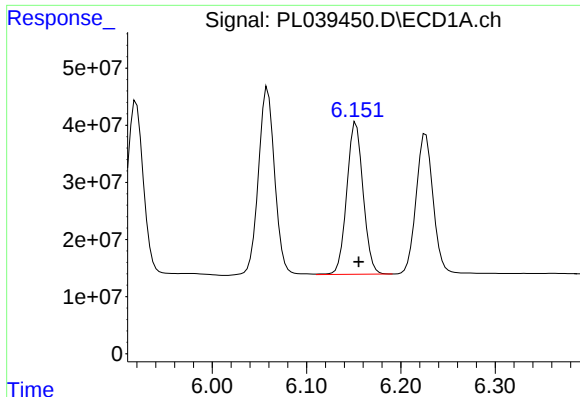
#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 363440943  
Conc: 45.61 ng/ml



#16 4,4'-DDD

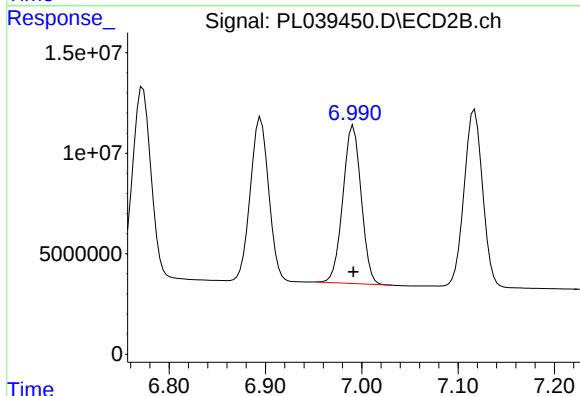
R.T.: 6.693 min  
Delta R.T.: 0.000 min  
Response: 117429147  
Conc: 52.44 ng/ml



#17 4,4'-DDT

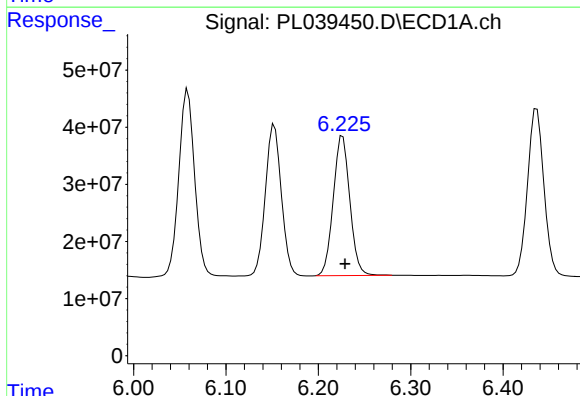
R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 320614553  
Conc: 42.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



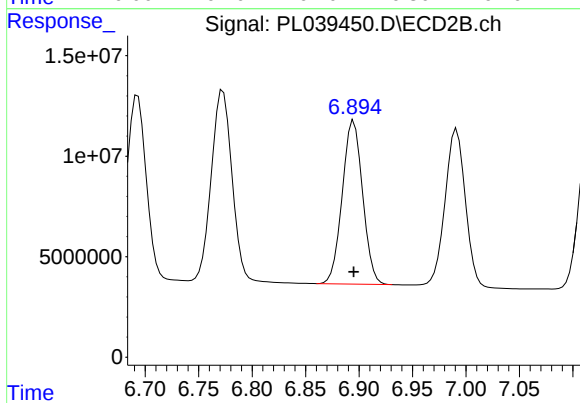
#17 4,4'-DDT

R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 103333173  
Conc: 43.90 ng/ml



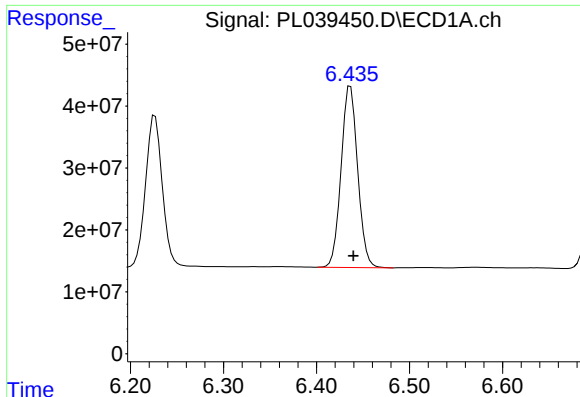
#18 Endrin aldehyde

R.T.: 6.226 min  
Delta R.T.: -0.003 min  
Response: 304941597  
Conc: 45.00 ng/ml



#18 Endrin aldehyde

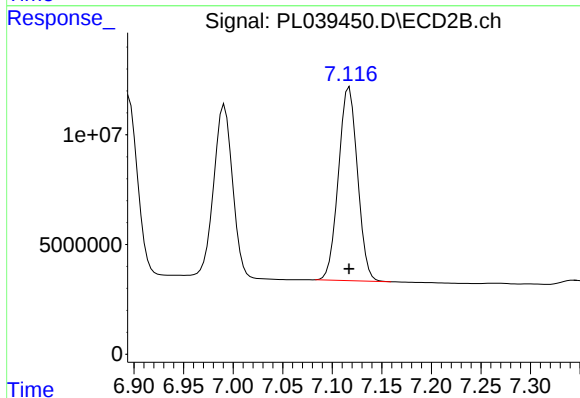
R.T.: 6.895 min  
Delta R.T.: 0.000 min  
Response: 107974019  
Conc: 49.73 ng/ml



#19 Endosulfan Sulfate

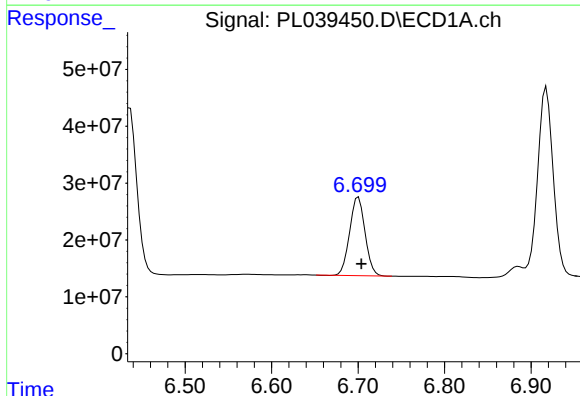
R.T.: 6.436 min  
Delta R.T.: -0.003 min  
Response: 362478850  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



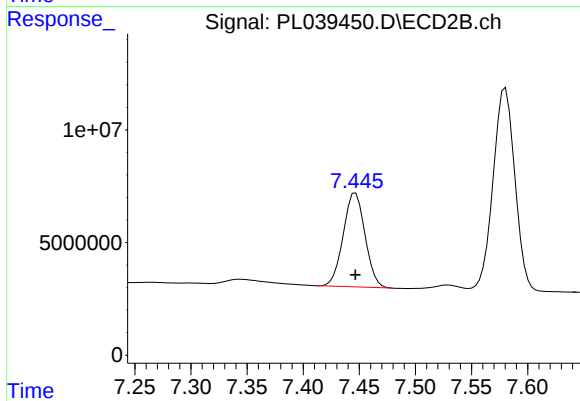
#19 Endosulfan Sulfate

R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 117891794  
Conc: 49.18 ng/ml



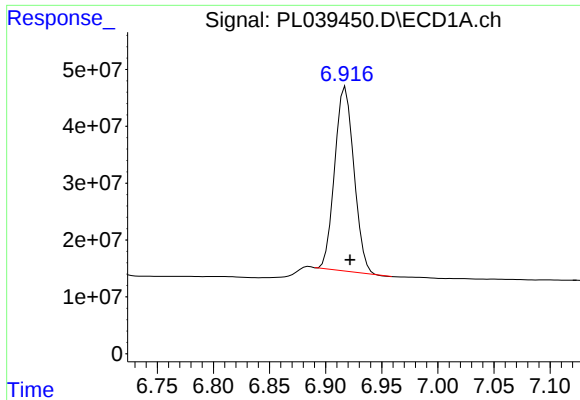
#20 Methoxychlor

R.T.: 6.700 min  
Delta R.T.: -0.004 min  
Response: 170745791  
Conc: 41.72 ng/ml



#20 Methoxychlor

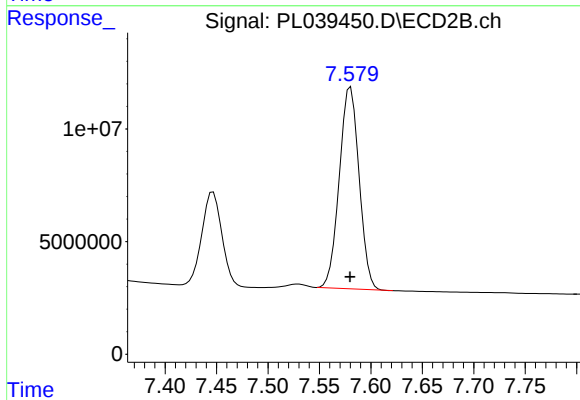
R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 56194139  
Conc: 45.37 ng/ml



#21 Endrin ketone

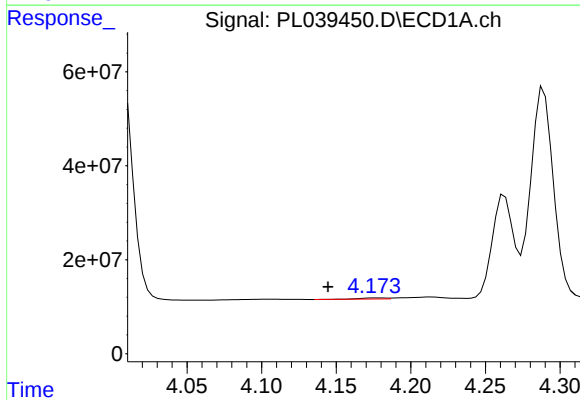
R.T.: 6.918 min  
Delta R.T.: -0.004 min  
Response: 385043202  
Conc: 44.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



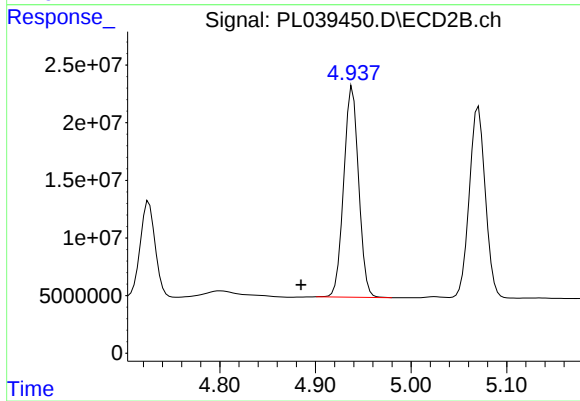
#21 Endrin ketone

R.T.: 7.580 min  
Delta R.T.: 0.000 min  
Response: 119898755  
Conc: 48.52 ng/ml



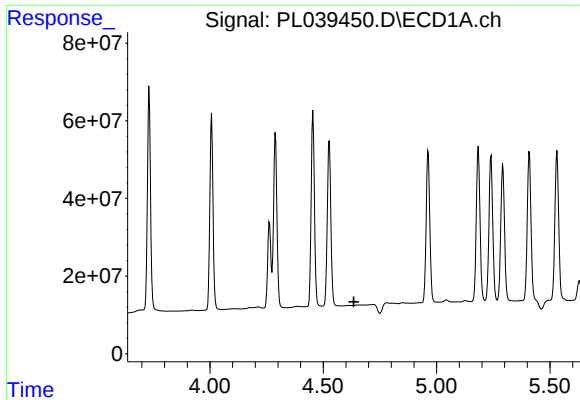
#23 Chlordane-1

R.T.: 4.177 min  
Delta R.T.: 0.032 min  
Response: 2601135  
Conc: 8.22 ng/ml



#23 Chlordane-1

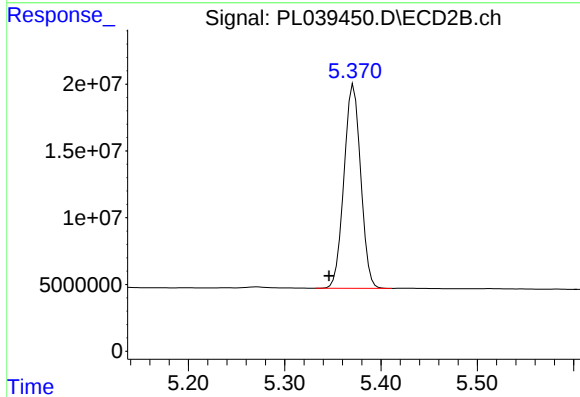
R.T.: 4.939 min  
Delta R.T.: 0.054 min  
Response: 198994298  
Conc: 1592.79 ng/ml



#24 Chlordane-2

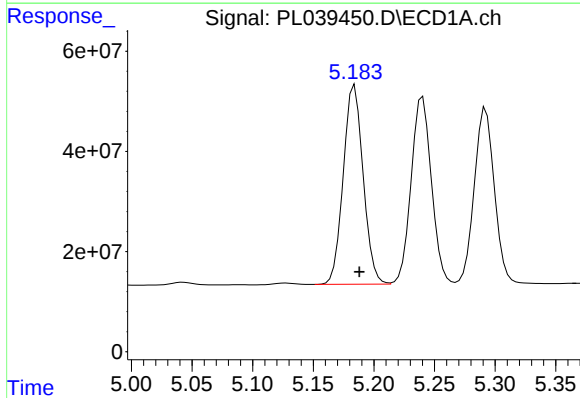
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



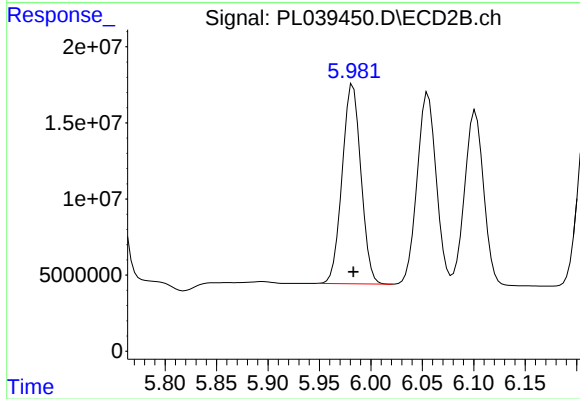
#24 Chlordane-2

R.T.: 5.372 min  
Delta R.T.: 0.026 min  
Response: 183203952  
Conc: 1446.37 ng/ml



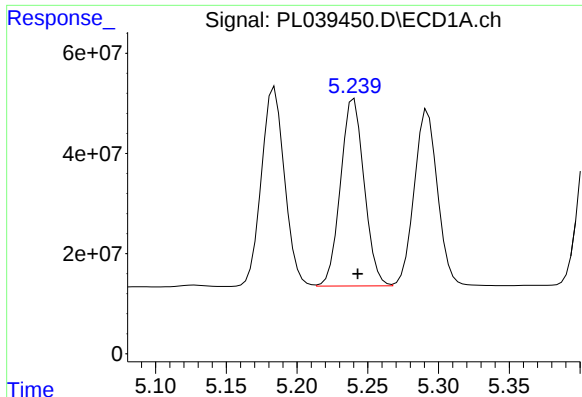
#25 Chlordane-3

R.T.: 5.184 min  
Delta R.T.: -0.004 min  
Response: 453085805  
Conc: 414.81 ng/ml



#25 Chlordane-3

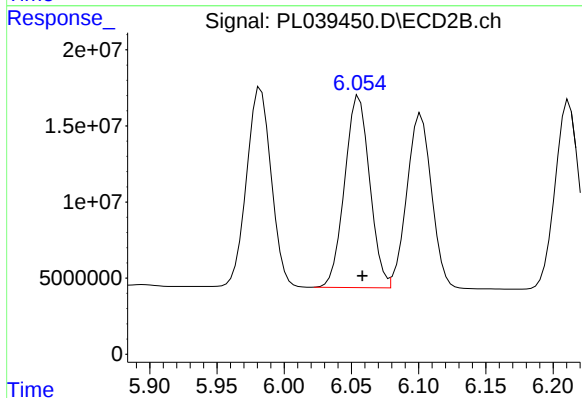
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 166557208  
Conc: 387.01 ng/ml



#26 Chlordane-4

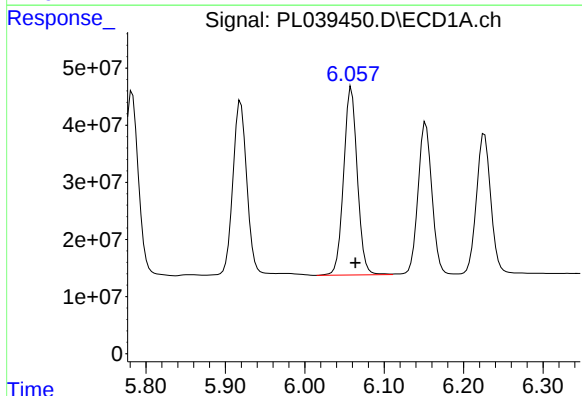
R.T.: 5.240 min  
Delta R.T.: -0.003 min  
Response: 435060250  
Conc: 435.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



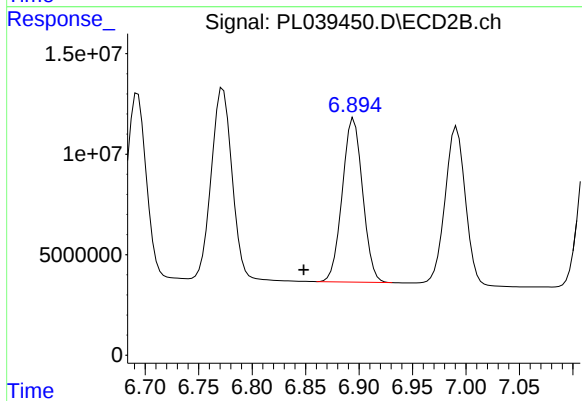
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: -0.003 min  
Response: 163008652  
Conc: 314.25 ng/ml



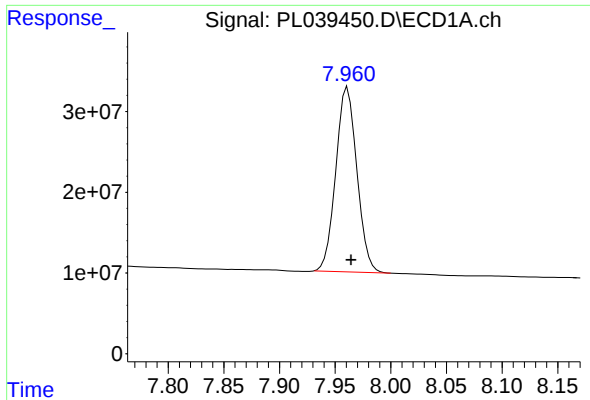
#27 Chlordane-5

R.T.: 6.059 min  
Delta R.T.: -0.005 min  
Response: 394818225  
Conc: 1217.34 ng/ml



#27 Chlordane-5

R.T.: 6.895 min  
Delta R.T.: 0.047 min  
Response: 107974019  
Conc: 1167.24 ng/ml



#28 Decachlorobiphenyl

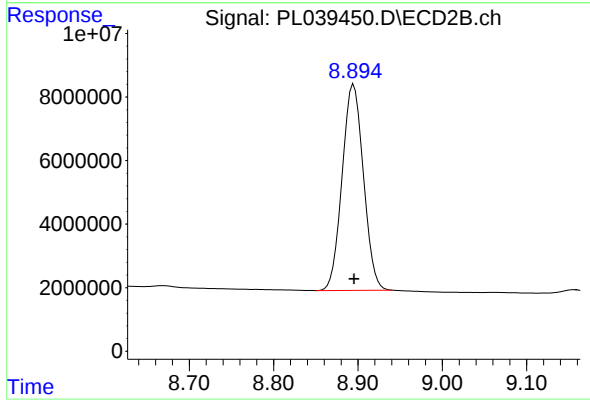
R.T.: 7.961 min

Delta R.T.: -0.003 min

Response: 301502735

Conc: 42.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.895 min

Delta R.T.: 0.000 min

Response: 113907551

Conc: 49.09 ng/ml