

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081718\  
 Data File : PL039301.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2018 02:38  
 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 18 03:15:31 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 | 3.908 | 316.1E6 | 136.0E6  | 45.223   | 50.718     |
| 28)                         | SA Decachlor... | 7.962 | 8.896 | 298.8E6 | 113.4E6  | 42.547   | 48.849     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.733 | 4.286 | 536.1E6 | 214.6E6  | 45.352   | 50.960     |
| 3)                          | MA gamma-BHC... | 4.009 | 4.564 | 484.1E6 | 192.6E6  | 45.641   | 47.838     |
| 4)                          | MA Heptachlor   | 4.291 | 5.071 | 481.0E6 | 190.3E6  | 45.687   | 53.213     |
| 5)                          | MB Aldrin       | 4.528 | 5.372 | 458.9E6 | 178.8E6  | 45.819   | 50.498     |
| 6)                          | B beta-BHC      | 4.264 | 4.726 | 209.7E6 | 87514361 | 45.148   | 49.964     |
| 7)                          | B delta-BHC     | 4.456 | 4.939 | 495.6E6 | 193.9E6  | 45.656   | 48.687     |
| 8)                          | B Heptachlo...  | 4.964 | 5.751 | 427.8E6 | 168.0E6  | 44.799   | 49.946     |
| 9)                          | A Endosulfan I  | 5.294 | 6.102 | 393.1E6 | 144.9E6  | 44.898   | 49.397     |
| 10)                         | B gamma-Chl...  | 5.186 | 5.983 | 442.0E6 | 161.7E6  | 44.753   | 49.952     |
| 11)                         | B alpha-Chl...  | 5.242 | 6.056 | 424.3E6 | 161.6E6  | 44.170   | 49.939     |
| 12)                         | B 4,4'-DDE      | 5.411 | 6.212 | 425.7E6 | 155.0E6  | 44.451   | 50.119     |
| 13)                         | MA Dieldrin     | 5.532 | 6.355 | 436.9E6 | 151.2E6  | 44.802   | 49.920     |
| 14)                         | MA Endrin       | 5.785 | 6.569 | 389.5E6 | 122.2E6  | 43.515   | 47.544     |
| 15)                         | B Endosulfa...  | 6.060 | 6.773 | 385.9E6 | 126.4E6  | 44.376   | 49.213     |
| 16)                         | A 4,4'-DDD      | 5.921 | 6.693 | 344.1E6 | 113.5E6  | 43.173   | 50.676     |
| 17)                         | MA 4,4'-DDT     | 6.155 | 6.991 | 335.9E6 | 111.1E6  | 44.306   | 47.215     |
| 18)                         | B Endrin al...  | 6.228 | 6.895 | 297.4E6 | 107.6E6  | 43.889   | 49.535     |
| 19)                         | B Endosulfa...  | 6.438 | 7.117 | 358.7E6 | 118.4E6  | 44.079   | 49.374     |
| 20)                         | A Methoxychlor  | 6.703 | 7.447 | 178.3E6 | 59989585 | 43.561   | 48.436     |
| 21)                         | B Endrin ke...  | 6.920 | 7.580 | 378.2E6 | 120.3E6  | 43.945   | 48.690     |
| 23)                         | Chlordane-1     | 4.178 | 4.939 | 4838650 | 193.9E6  | 15.284   | 1551.620 # |
| 24)                         | Chlordane-2     | 0.000 | 5.372 | 0       | 178.8E6  | N.D.     | 1411.339 # |
| 25)                         | Chlordane-3     | 5.186 | 5.983 | 442.0E6 | 161.7E6  | 404.676  | 375.647    |
| 26)                         | Chlordane-4     | 5.242 | 6.056 | 424.3E6 | 161.6E6  | 424.625  | 311.448 #  |
| 27)                         | Chlordane-5     | 6.060 | 6.895 | 385.9E6 | 107.6E6  | 1189.722 | 1162.719   |
| -----                       |                 |       |       |         |          |          |            |

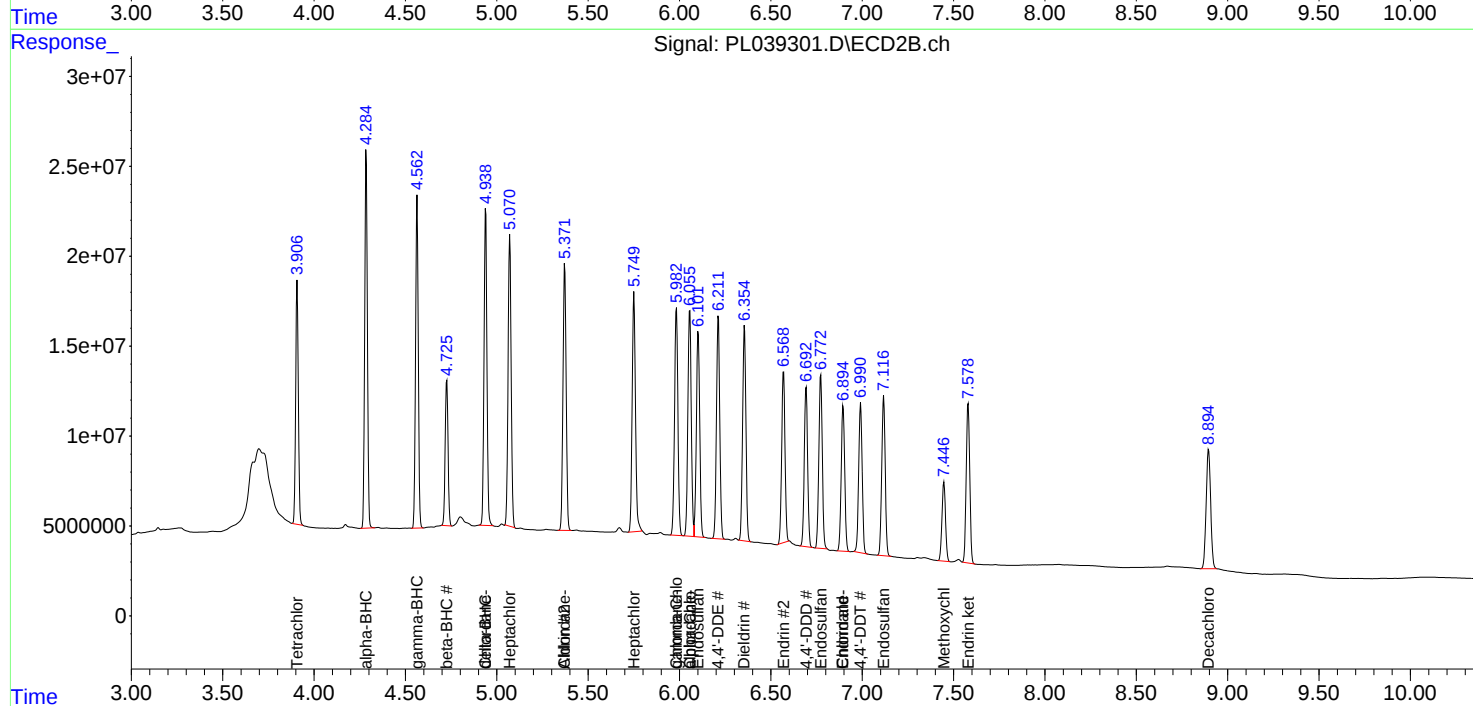
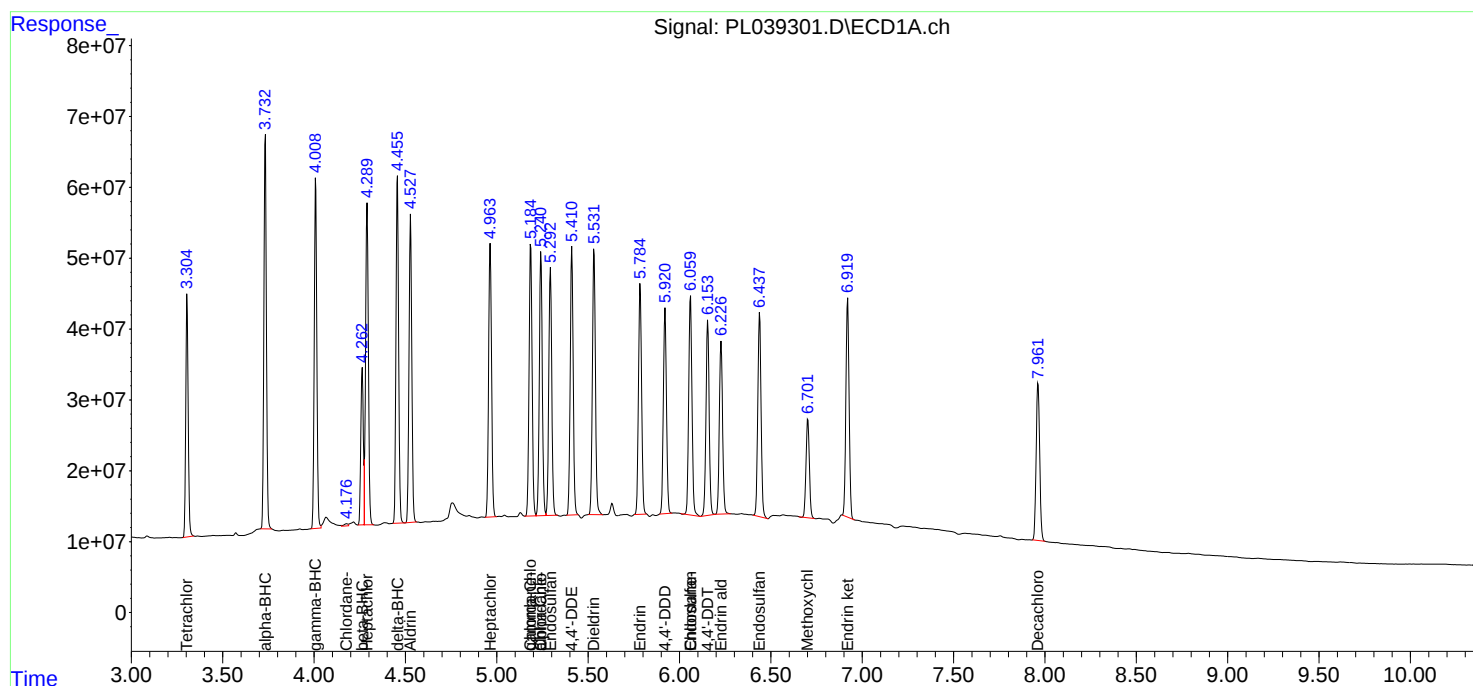
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

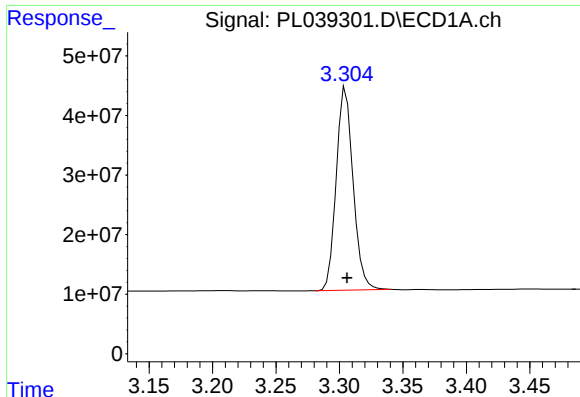
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081718\  
Data File : PL039301.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2018 02:38  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 03:15:31 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

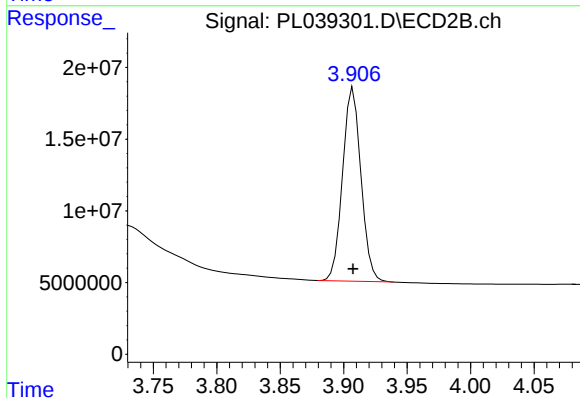




#1 Tetrachloro-m-xylene

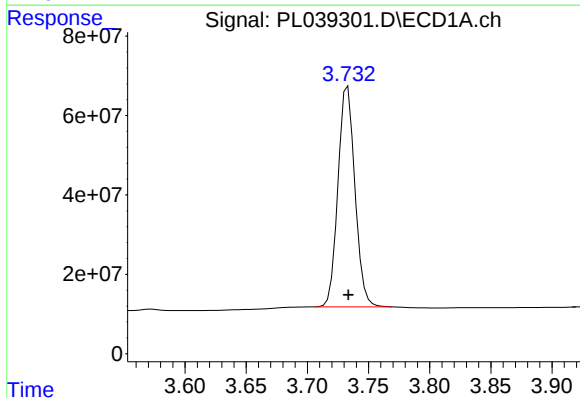
R.T.: 3.305 min  
Delta R.T.: 0.000 min  
Response: 316127650  
Conc: 45.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



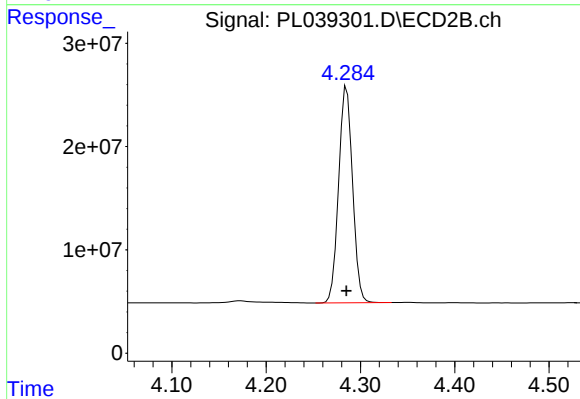
#1 Tetrachloro-m-xylene

R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 135969264  
Conc: 50.72 ng/ml



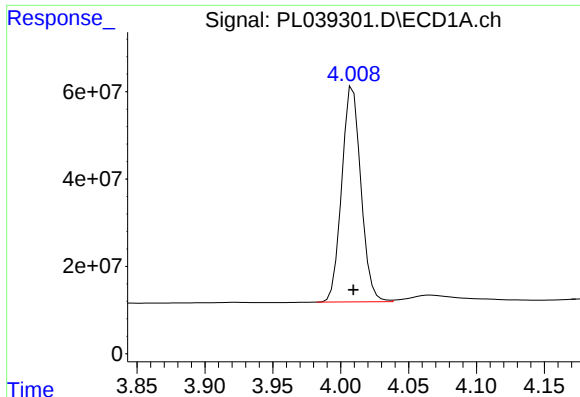
#2 alpha-BHC

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 536073420  
Conc: 45.35 ng/ml



#2 alpha-BHC

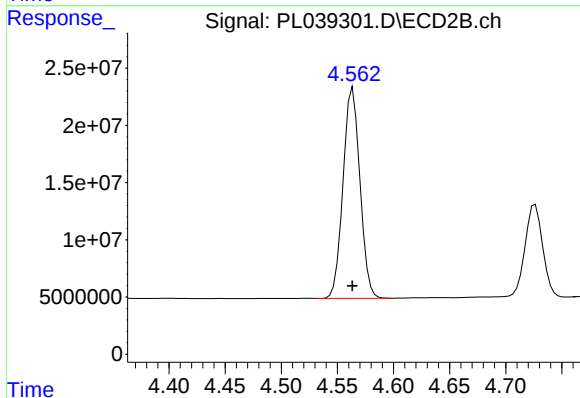
R.T.: 4.286 min  
Delta R.T.: 0.000 min  
Response: 214594915  
Conc: 50.96 ng/ml



#3 gamma-BHC (Lindane)

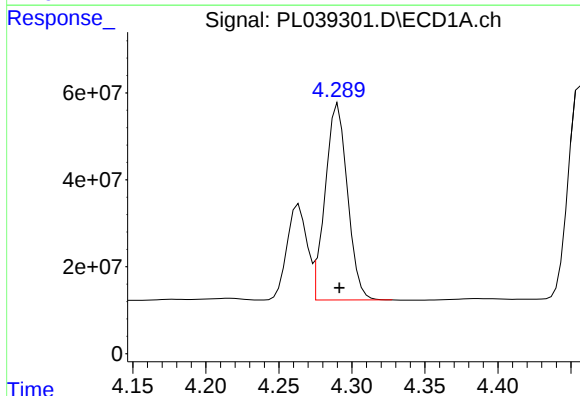
R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 484100236  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



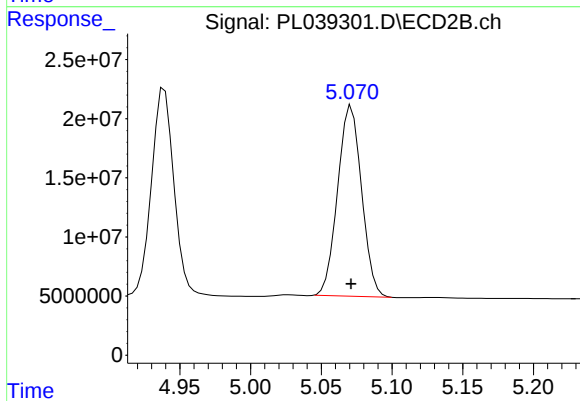
#3 gamma-BHC (Lindane)

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 192619012  
Conc: 47.84 ng/ml



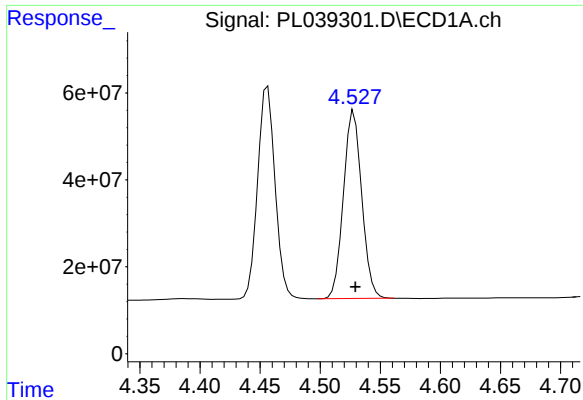
#4 Heptachlor

R.T.: 4.291 min  
Delta R.T.: 0.000 min  
Response: 480952253  
Conc: 45.69 ng/ml



#4 Heptachlor

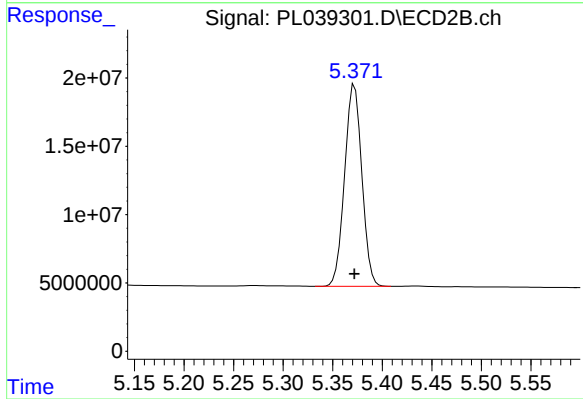
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 190280706  
Conc: 53.21 ng/ml



#5 Aldrin

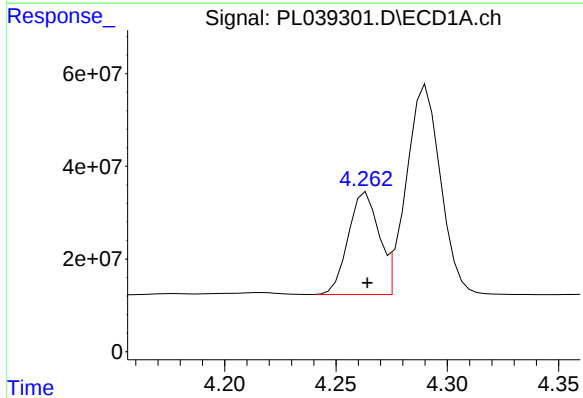
R.T.: 4.528 min  
Delta R.T.: -0.001 min  
Response: 458917769  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



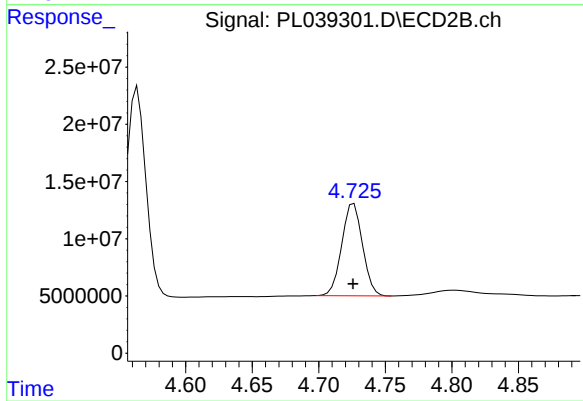
#5 Aldrin

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 178767139  
Conc: 50.50 ng/ml



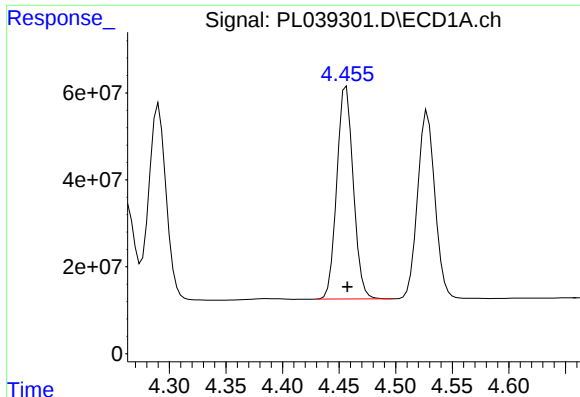
#6 beta-BHC

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 209734870  
Conc: 45.15 ng/ml



#6 beta-BHC

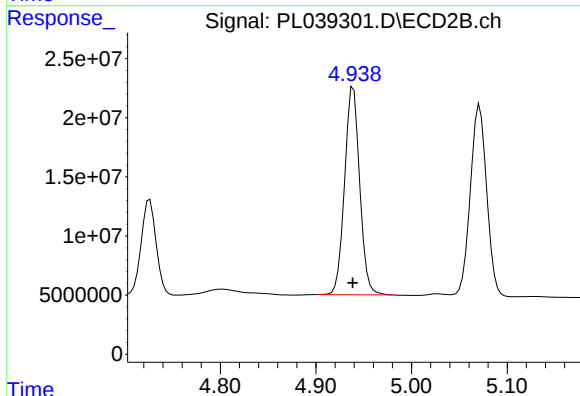
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 87514361  
Conc: 49.96 ng/ml



#7 delta-BHC

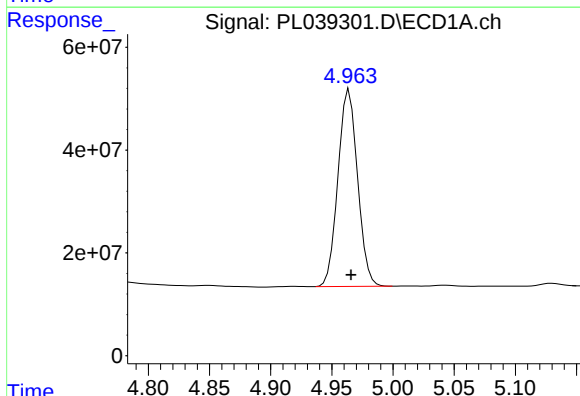
R.T.: 4.456 min  
Delta R.T.: 0.000 min  
Response: 495568438  
Conc: 45.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



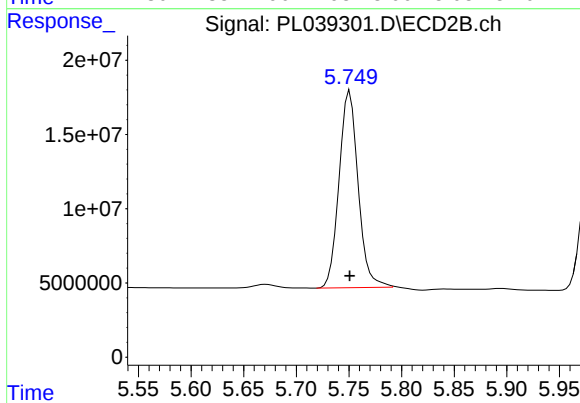
#7 delta-BHC

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 193851274  
Conc: 48.69 ng/ml



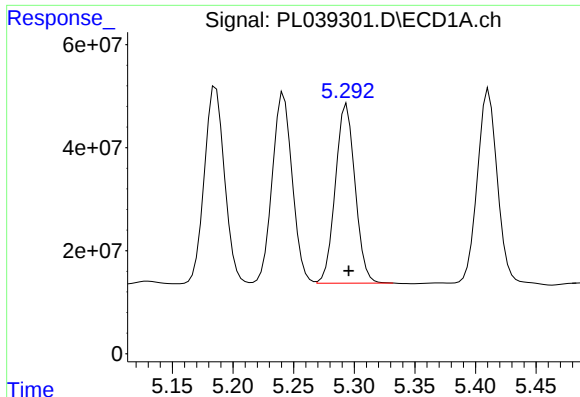
#8 Heptachlor epoxide

R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 427804161  
Conc: 44.80 ng/ml



#8 Heptachlor epoxide

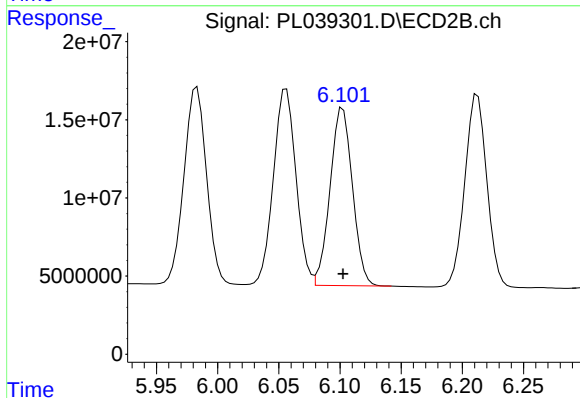
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 167972690  
Conc: 49.95 ng/ml



#9 Endosulfan I

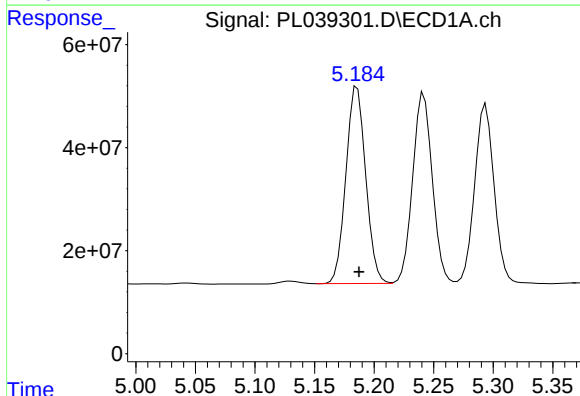
R.T.: 5.294 min  
Delta R.T.: -0.002 min  
Response: 393133466  
Conc: 44.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



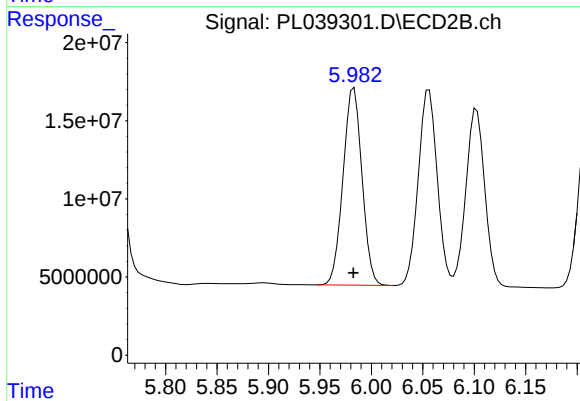
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 144907698  
Conc: 49.40 ng/ml



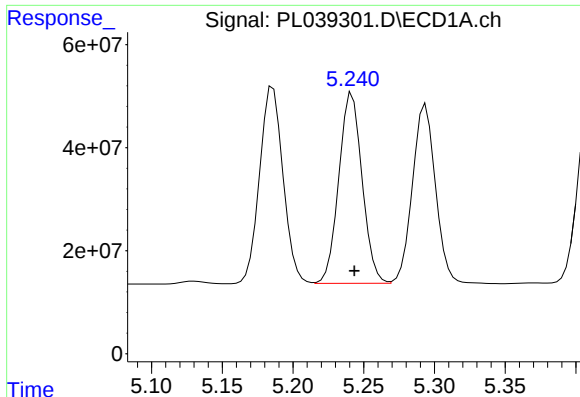
#10 gamma-Chlordane

R.T.: 5.186 min  
Delta R.T.: -0.001 min  
Response: 442012922  
Conc: 44.75 ng/ml



#10 gamma-Chlordane

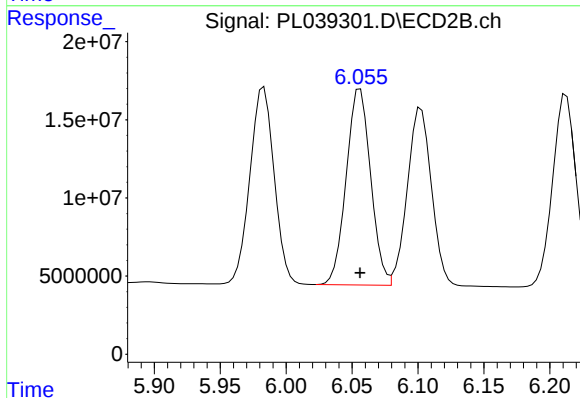
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 161666408  
Conc: 49.95 ng/ml



#11 alpha-Chlordane

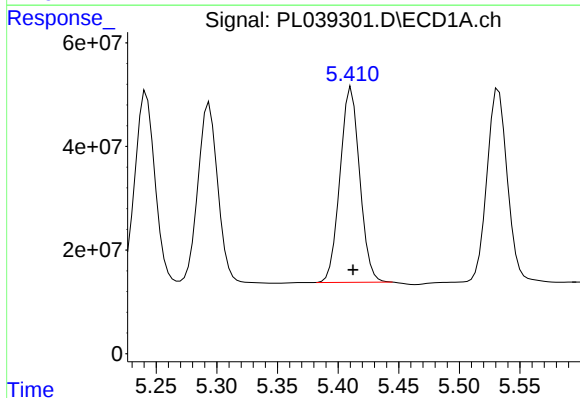
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 424349525  
Conc: 44.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



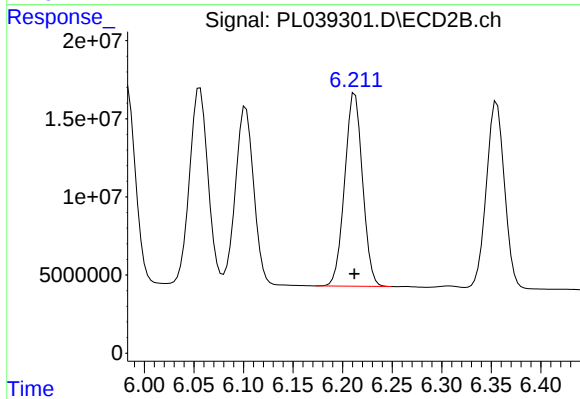
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 161554205  
Conc: 49.94 ng/ml



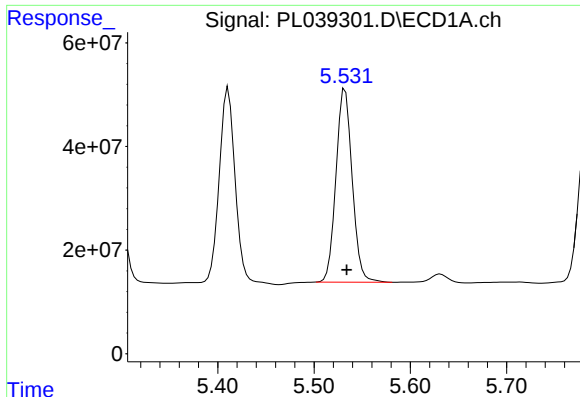
#12 4,4'-DDE

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 425665117  
Conc: 44.45 ng/ml



#12 4,4'-DDE

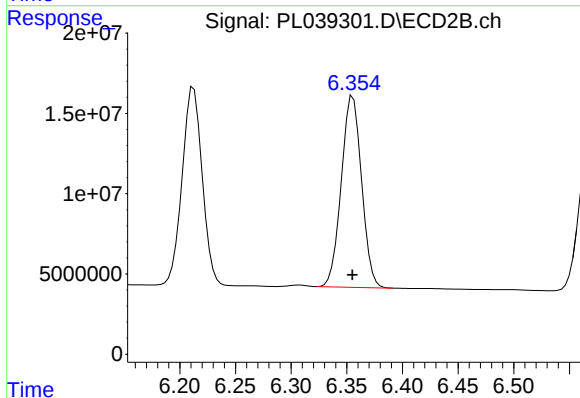
R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 154969868  
Conc: 50.12 ng/ml



#13 Dieldrin

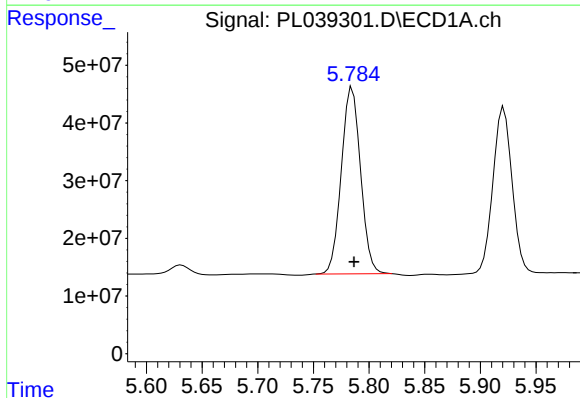
R.T.: 5.532 min  
Delta R.T.: -0.002 min  
Response: 436902268  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



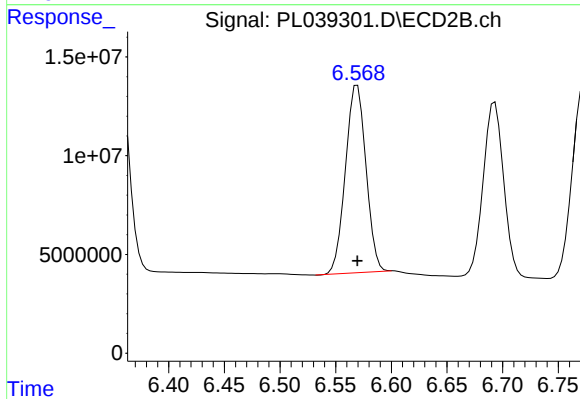
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 151225062  
Conc: 49.92 ng/ml



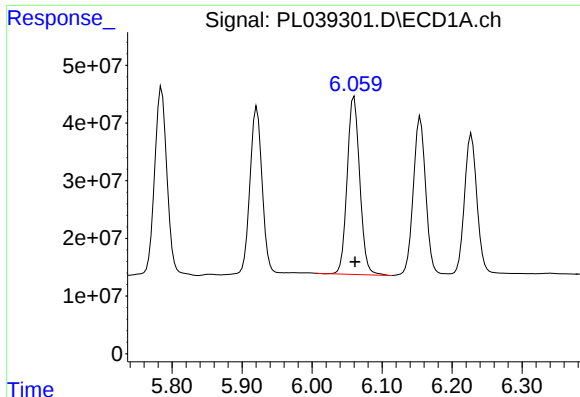
#14 Endrin

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 389502964  
Conc: 43.51 ng/ml



#14 Endrin

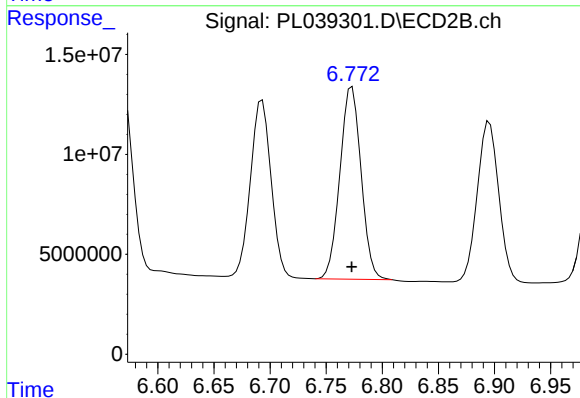
R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 122247907  
Conc: 47.54 ng/ml



#15 Endosulfan II

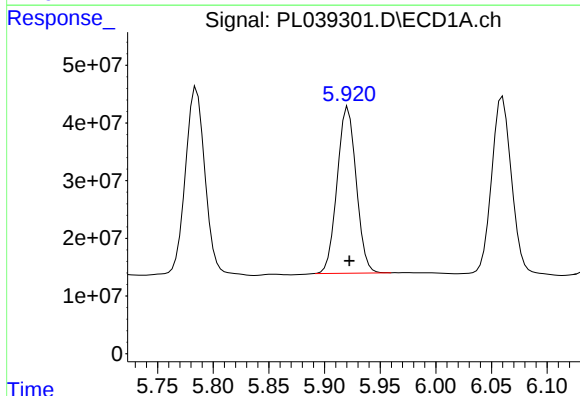
R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 385862232  
Conc: 44.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



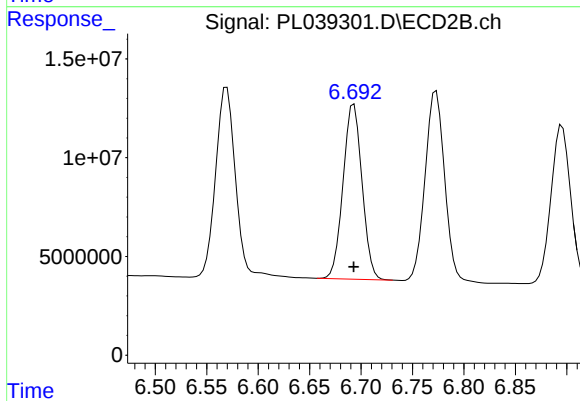
#15 Endosulfan II

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 126407653  
Conc: 49.21 ng/ml



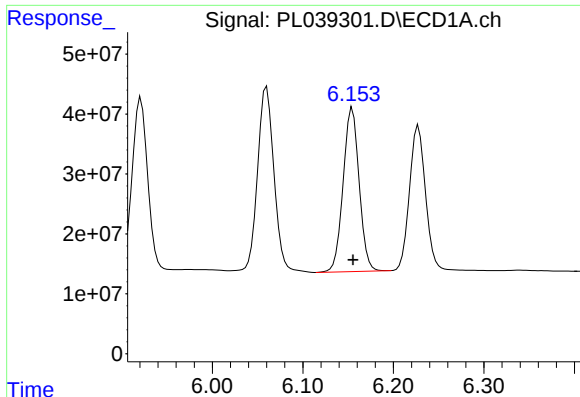
#16 4,4'-DDD

R.T.: 5.921 min  
Delta R.T.: -0.001 min  
Response: 344056457  
Conc: 43.17 ng/ml



#16 4,4'-DDD

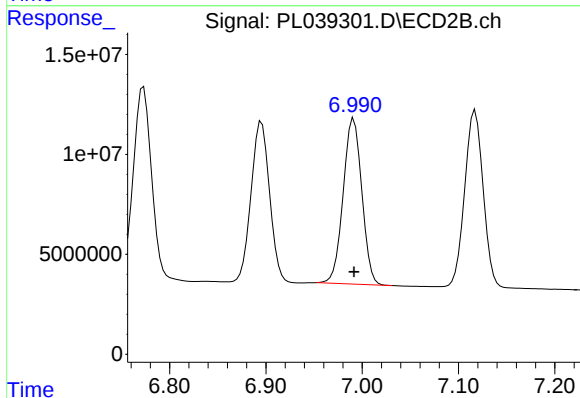
R.T.: 6.693 min  
Delta R.T.: 0.000 min  
Response: 113486023  
Conc: 50.68 ng/ml



#17 4,4'-DDT

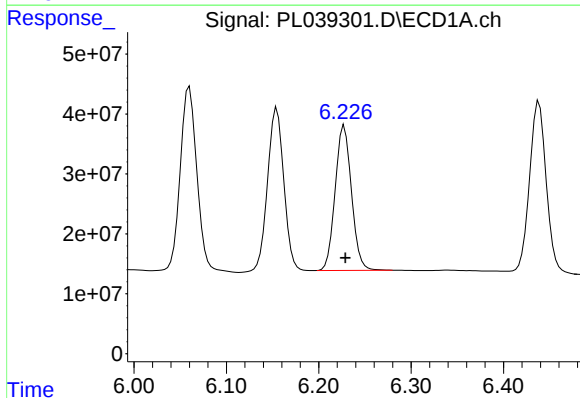
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 335865337  
Conc: 44.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



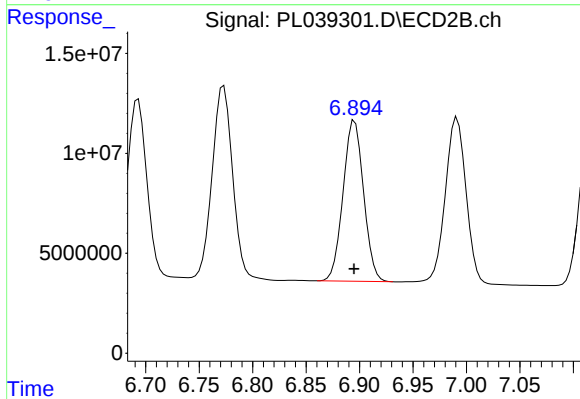
#17 4,4'-DDT

R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 111143266  
Conc: 47.22 ng/ml



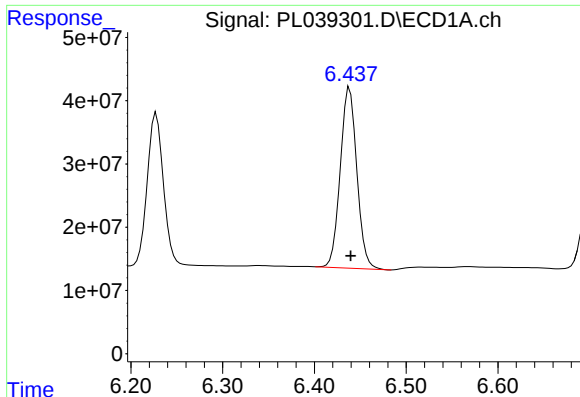
#18 Endrin aldehyde

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 297429035  
Conc: 43.89 ng/ml



#18 Endrin aldehyde

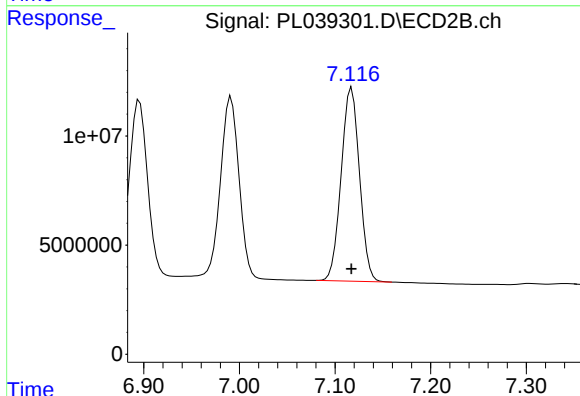
R.T.: 6.895 min  
Delta R.T.: 0.000 min  
Response: 107555950  
Conc: 49.53 ng/ml



#19 Endosulfan Sulfate

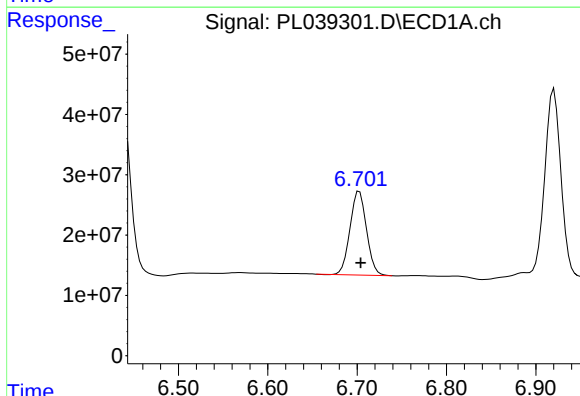
R.T.: 6.438 min  
Delta R.T.: -0.001 min  
Response: 358659134  
Conc: 44.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



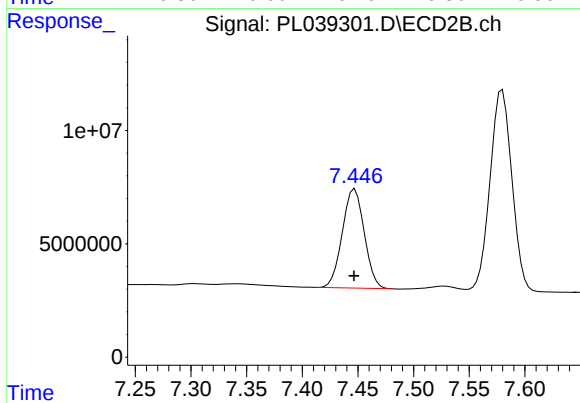
#19 Endosulfan Sulfate

R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 118364150  
Conc: 49.37 ng/ml



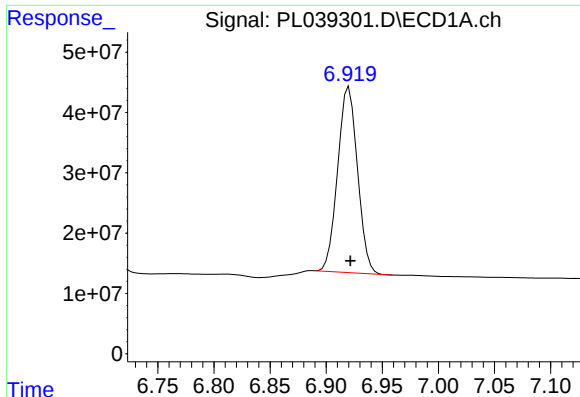
#20 Methoxychlor

R.T.: 6.703 min  
Delta R.T.: -0.001 min  
Response: 178259940  
Conc: 43.56 ng/ml



#20 Methoxychlor

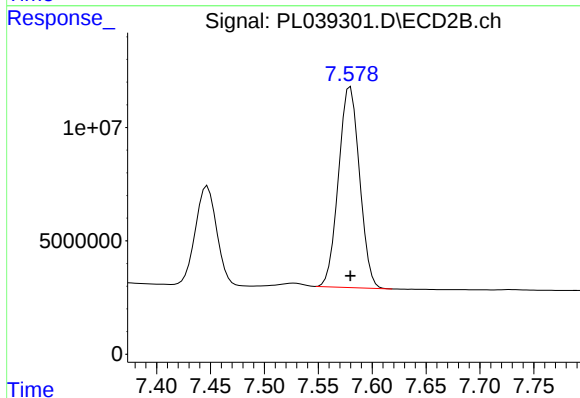
R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 59989585  
Conc: 48.44 ng/ml



#21 Endrin ketone

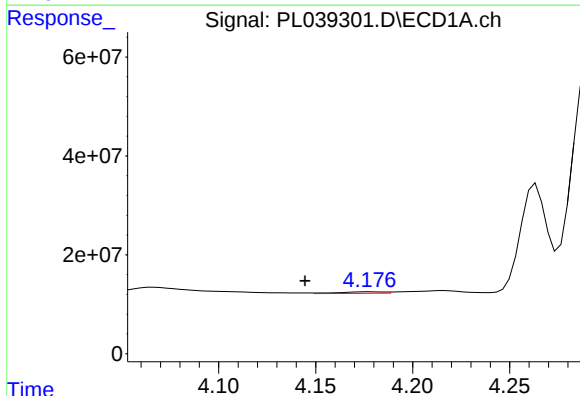
R.T.: 6.920 min  
Delta R.T.: -0.001 min  
Response: 378230665  
Conc: 43.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



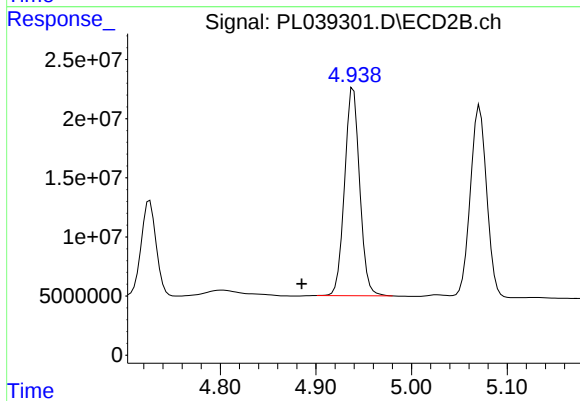
#21 Endrin ketone

R.T.: 7.580 min  
Delta R.T.: 0.000 min  
Response: 120311291  
Conc: 48.69 ng/ml



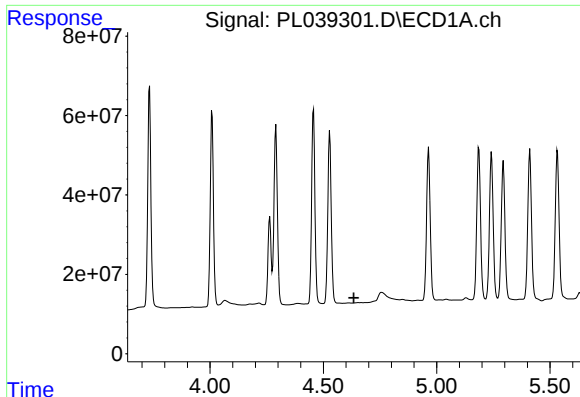
#23 Chlordane-1

R.T.: 4.178 min  
Delta R.T.: 0.033 min  
Response: 4838650  
Conc: 15.28 ng/ml



#23 Chlordane-1

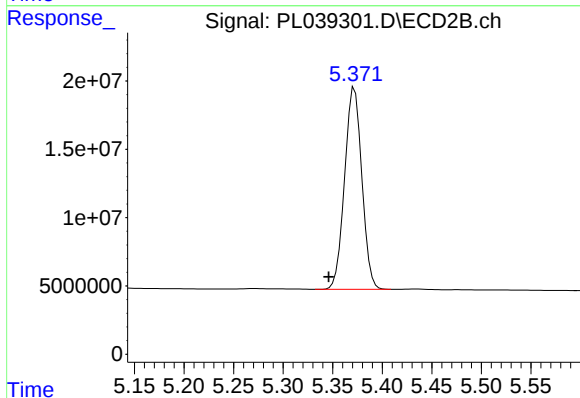
R.T.: 4.939 min  
Delta R.T.: 0.054 min  
Response: 193851274  
Conc: 1551.62 ng/ml



#24 Chlordane-2

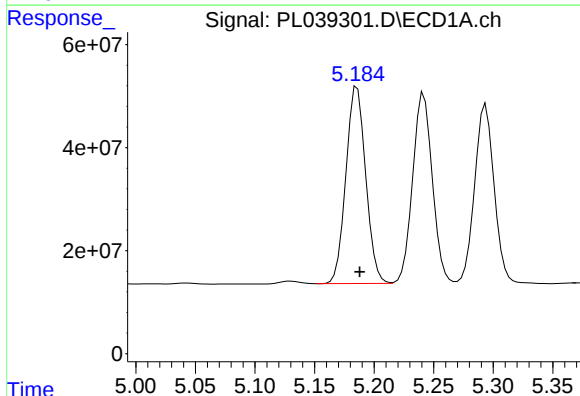
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



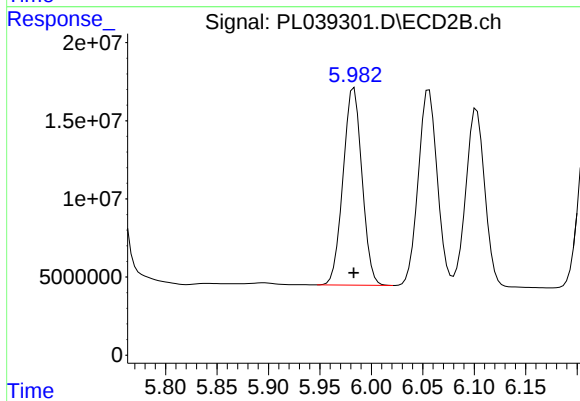
#24 Chlordane-2

R.T.: 5.372 min  
Delta R.T.: 0.026 min  
Response: 178767139  
Conc: 1411.34 ng/ml



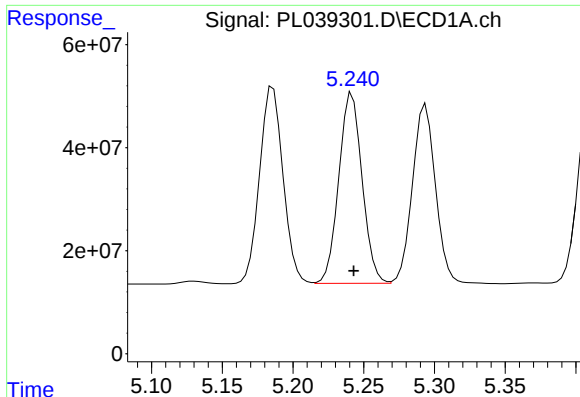
#25 Chlordane-3

R.T.: 5.186 min  
Delta R.T.: -0.002 min  
Response: 442012922  
Conc: 404.68 ng/ml



#25 Chlordane-3

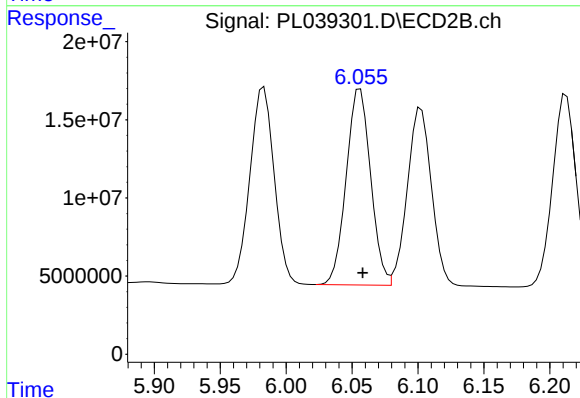
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 161666408  
Conc: 375.65 ng/ml



#26 Chlordane-4

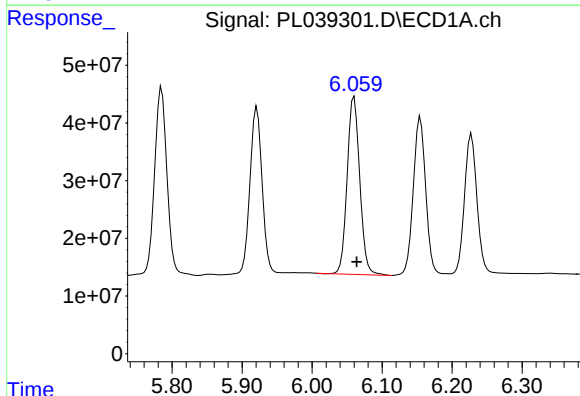
R.T.: 5.242 min  
Delta R.T.: -0.001 min  
Response: 424349525  
Conc: 424.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



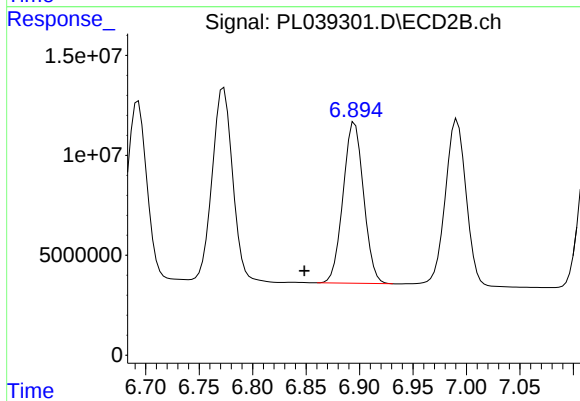
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: -0.002 min  
Response: 161554205  
Conc: 311.45 ng/ml



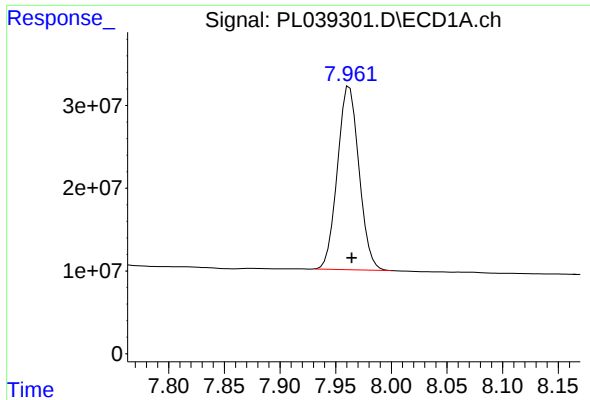
#27 Chlordane-5

R.T.: 6.060 min  
Delta R.T.: -0.004 min  
Response: 385862232  
Conc: 1189.72 ng/ml



#27 Chlordane-5

R.T.: 6.895 min  
Delta R.T.: 0.047 min  
Response: 107555950  
Conc: 1162.72 ng/ml



#28 Decachlorobiphenyl

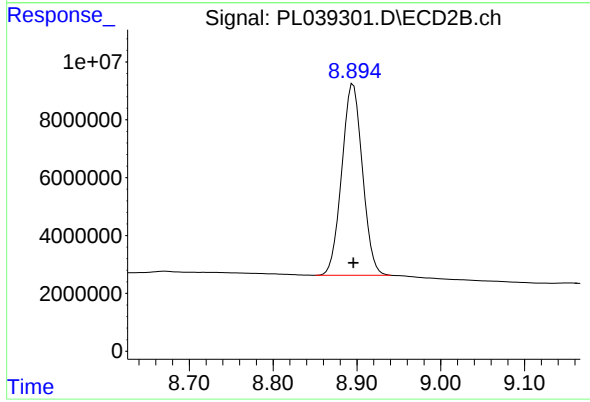
R.T.: 7.962 min

Delta R.T.: -0.002 min

Response: 298827151

Conc: 42.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.896 min

Delta R.T.: 0.000 min

Response: 113358313

Conc: 48.85 ng/ml