

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081618\  
 Data File : PL039248.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2018 01:35  
 Operator : AJ\SJ  
 Sample : J4499-08MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 04:39:58 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 | 116.9E6  | 45603368 | 16.728   | 17.010     |
| 28)                         | SA Decachlor... | 7.965 | 8.894 | 150.1E6  | 45949001 | 21.365   | 19.800     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.733 | 4.286 | 465.0E6  | 197.7E6  | 39.337   | 46.941     |
| 3)                          | MA gamma-BHC... | 4.009 | 4.564 | 454.8E6  | 175.5E6  | 42.880   | 43.583     |
| 4)                          | MA Heptachlor   | 4.290 | 5.071 | 381.2E6  | 149.1E6  | 36.216   | 41.691     |
| 5)                          | MB Aldrin       | 4.528 | 5.372 | 363.1E6  | 130.2E6  | 36.252   | 36.788     |
| 6)                          | B beta-BHC      | 4.264 | 4.727 | 164.9E6  | 49461951 | 35.495   | 28.239     |
| 7)                          | B delta-BHC     | 4.456 | 4.939 | 381.2E6  | 148.7E6  | 35.120   | 37.349     |
| 8)                          | B Heptachlo...  | 4.964 | 5.751 | 339.6E6  | 124.2E6  | 35.567   | 36.925     |
| 9)                          | A Endosulfan I  | 5.294 | 6.102 | 181.5E6  | 97734918 | 20.732   | 33.316 #   |
| 10)                         | B gamma-Chl...  | 5.186 | 5.983 | 328.0E6  | 114.0E6  | 33.205   | 35.227     |
| 11)                         | B alpha-Chl...  | 5.242 | 6.056 | 307.4E6  | 112.2E6  | 31.997   | 34.695     |
| 12)                         | B 4,4'-DDE      | 5.411 | 6.212 | 406.6E6  | 109.6E6  | 42.458   | 35.443     |
| 13)                         | MA Dieldrin     | 5.533 | 6.356 | 447.0E6  | 120.3E6  | 45.833   | 39.697     |
| 14)                         | MA Endrin       | 5.786 | 6.569 | 351.2E6  | 90190393 | 39.233   | 35.076     |
| 15)                         | B Endosulfa...  | 6.060 | 6.773 | 367.4E6  | 100.3E6  | 42.251   | 39.044     |
| 16)                         | A 4,4'-DDD      | 5.920 | 6.692 | 265.7E6  | 110.1E6  | 33.343   | 49.148 #   |
| 17)                         | MA 4,4'-DDT     | 6.154 | 6.991 | 544.8E6  | 182.4E6  | 71.870   | 77.497     |
| 18)                         | B Endrin al...  | 6.228 | 6.895 | 198.4E6  | 74610578 | 29.281   | 34.362     |
| 19)                         | B Endosulfa...  | 6.438 | 7.116 | 330.8E6  | 91039875 | 40.660   | 37.976     |
| 20)                         | A Methoxychlor  | 6.702 | 7.446 | 97020324 | 30429096 | 23.708   | 24.569     |
| 21)                         | B Endrin ke...  | 6.920 | 7.579 | 278.1E6  | 96049532 | 32.307   | 38.871     |
| 23)                         | Chlordane-1     | 4.155 | 4.843 | 14449293 | 3934719  | 45.641   | 31.494 #   |
| 24)                         | Chlordane-2     | 4.611 | 5.372 | 13483590 | 130.2E6  | 38.570   | 1028.167 # |
| 25)                         | Chlordane-3     | 5.186 | 5.983 | 328.0E6  | 114.0E6  | 300.256  | 264.912    |
| 26)                         | Chlordane-4     | 5.242 | 6.056 | 307.4E6  | 112.2E6  | 307.607  | 216.380 #  |
| 27)                         | Chlordane-5     | 6.060 | 6.895 | 367.4E6  | 74610578 | 1132.741 | 806.568 #  |
| -----                       |                 |       |       |          |          |          |            |

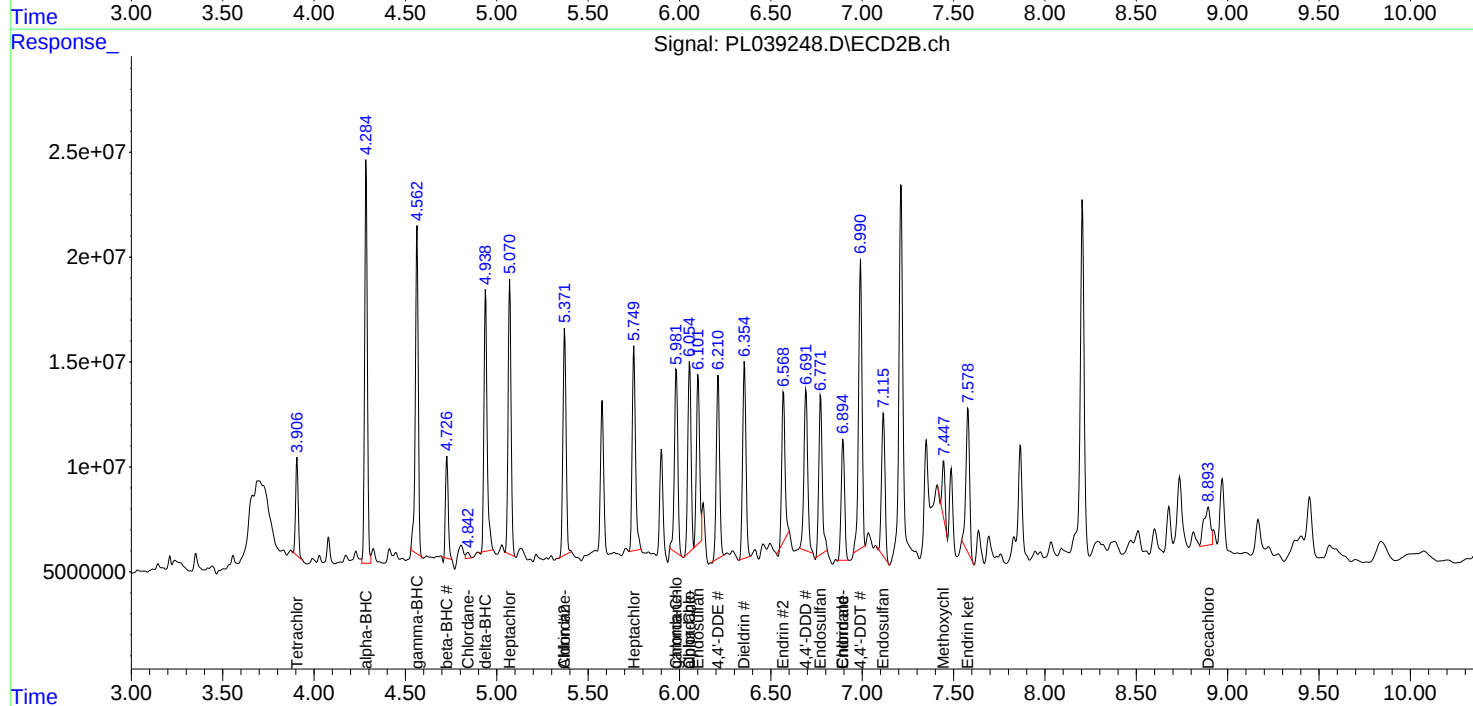
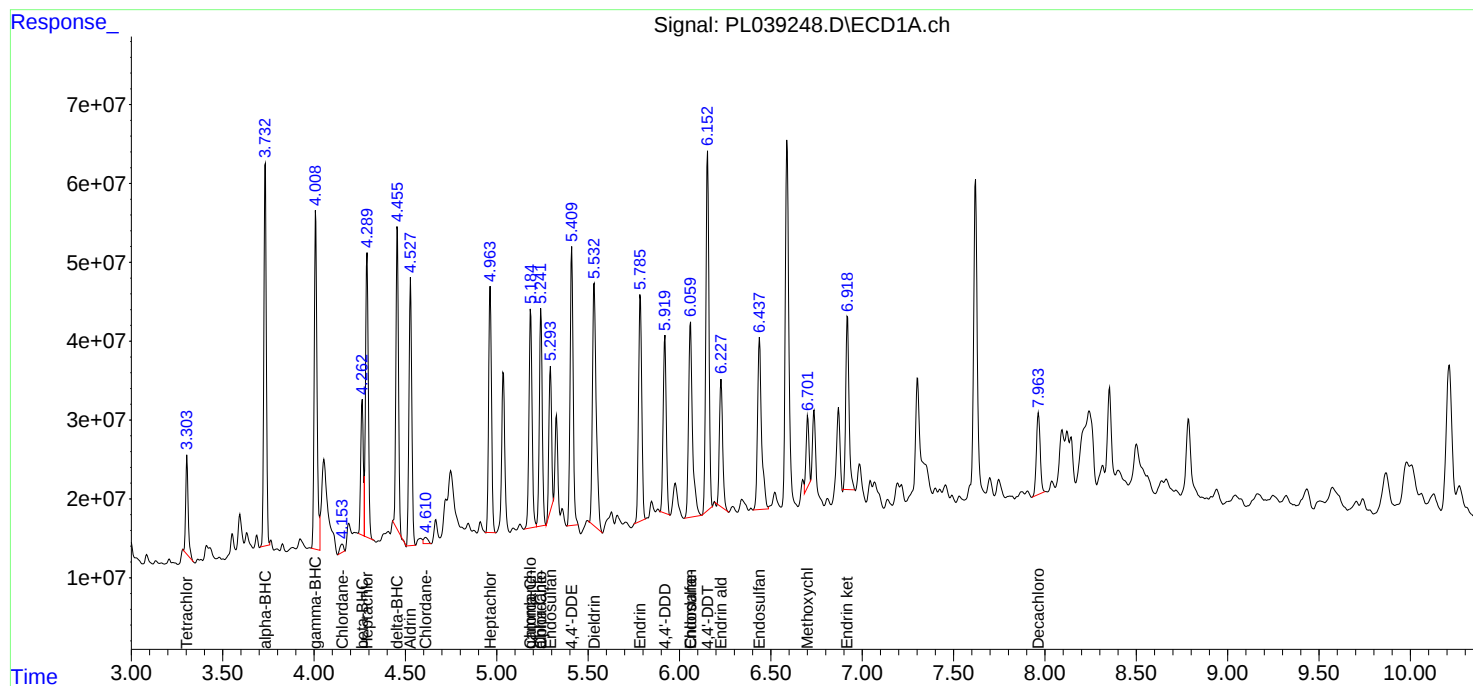
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

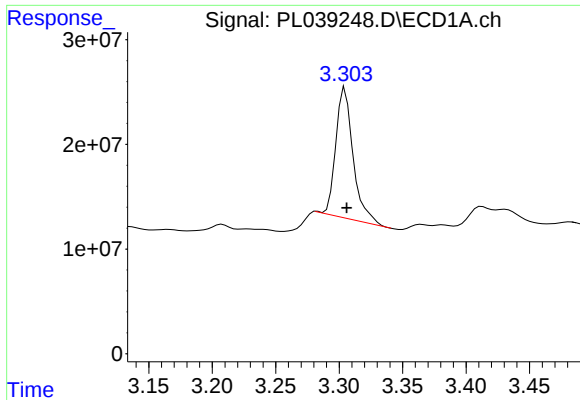
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081618\  
Data File : PL039248.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2018 01:35  
Operator : AJ\SJ  
Sample : J4499-08MS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 04:39:58 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

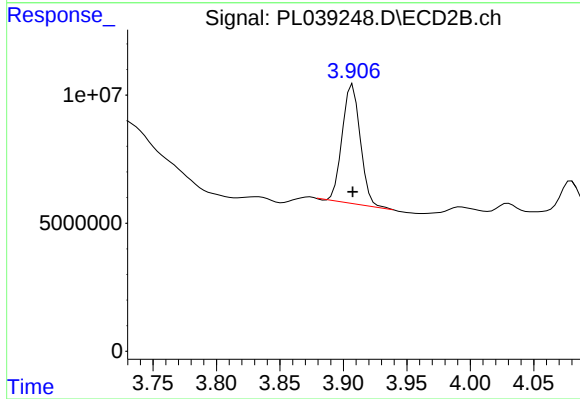




#1 Tetrachloro-m-xylene

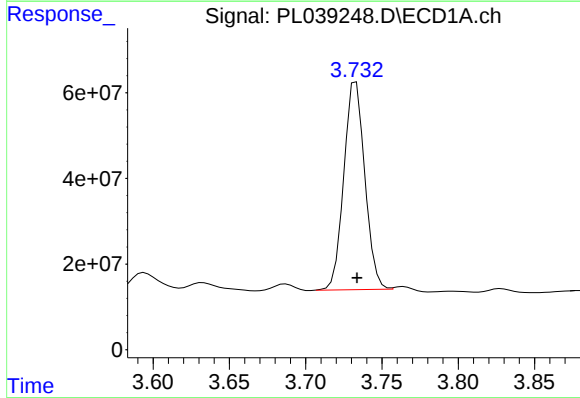
R.T.: 3.305 min  
Delta R.T.: -0.001 min  
Response: 116933973  
Conc: 16.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



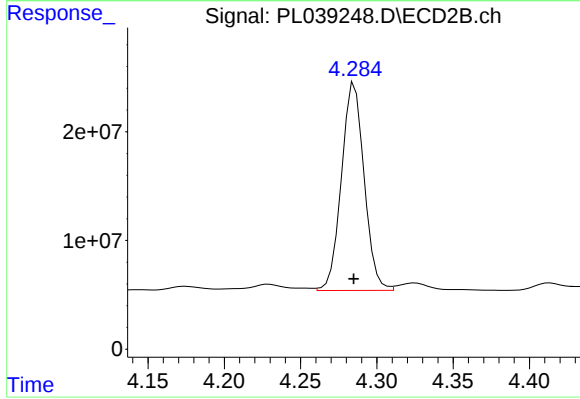
#1 Tetrachloro-m-xylene

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 45603368  
Conc: 17.01 ng/ml



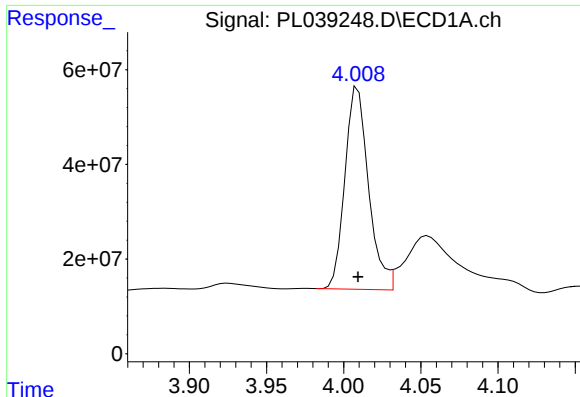
#2 alpha-BHC

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 464970930  
Conc: 39.34 ng/ml



#2 alpha-BHC

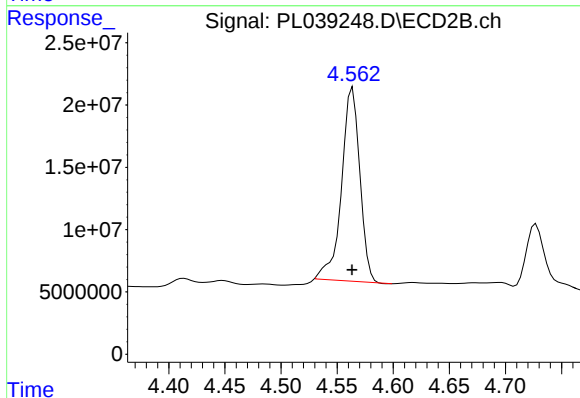
R.T.: 4.286 min  
Delta R.T.: 0.000 min  
Response: 197667721  
Conc: 46.94 ng/ml



#3 gamma-BHC (Lindane)

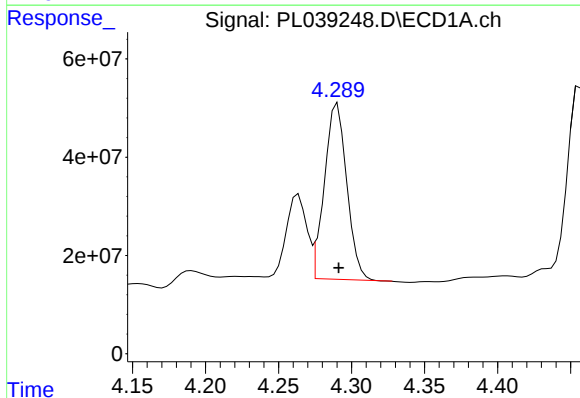
R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 454813783  
Conc: 42.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



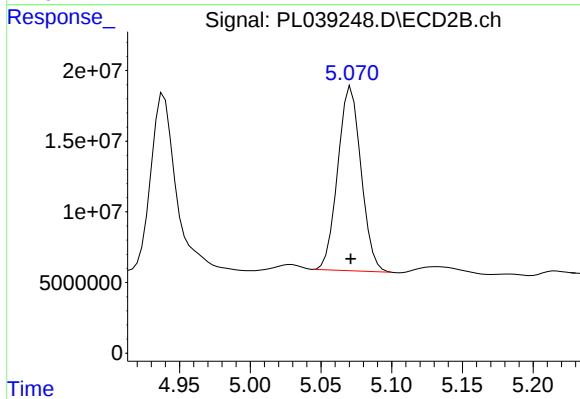
#3 gamma-BHC (Lindane)

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 175489557  
Conc: 43.58 ng/ml



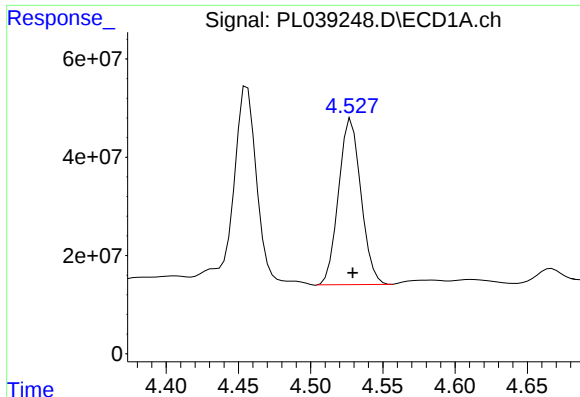
#4 Heptachlor

R.T.: 4.290 min  
Delta R.T.: 0.000 min  
Response: 381248882  
Conc: 36.22 ng/ml



#4 Heptachlor

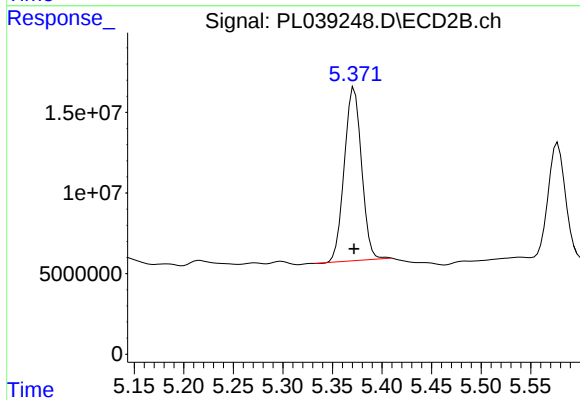
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 149080216  
Conc: 41.69 ng/ml



#5 Aldrin

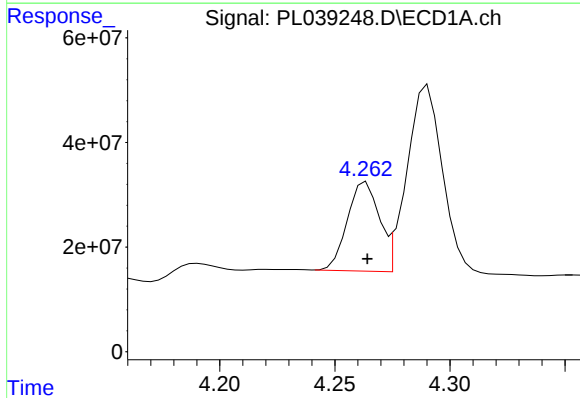
R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 363092785  
Conc: 36.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



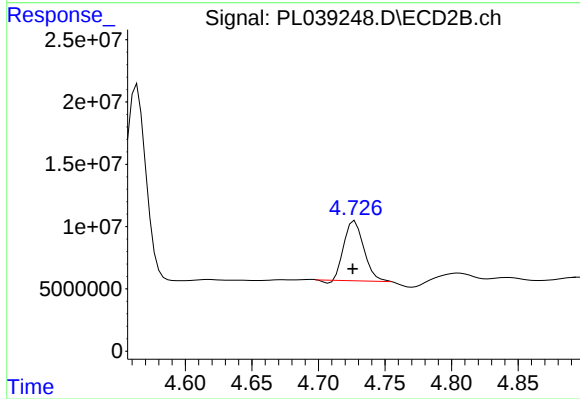
#5 Aldrin

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 130232738  
Conc: 36.79 ng/ml



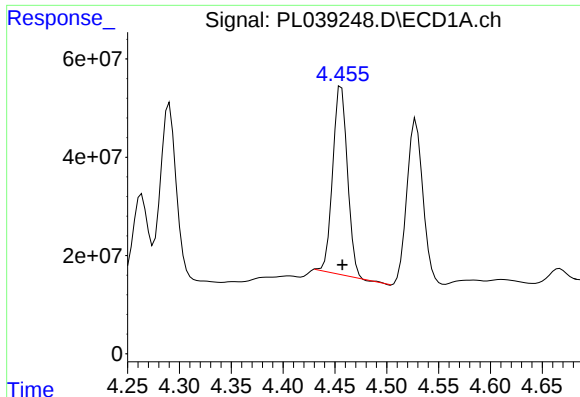
#6 beta-BHC

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 164891820  
Conc: 35.49 ng/ml



#6 beta-BHC

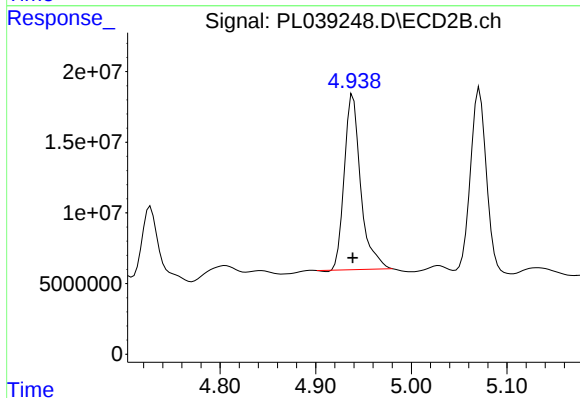
R.T.: 4.727 min  
Delta R.T.: 0.002 min  
Response: 49461951  
Conc: 28.24 ng/ml



#7 delta-BHC

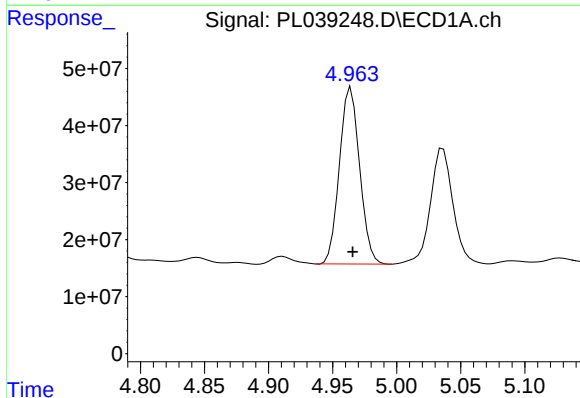
R.T.: 4.456 min  
Delta R.T.: 0.000 min  
Response: 381200107  
Conc: 35.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



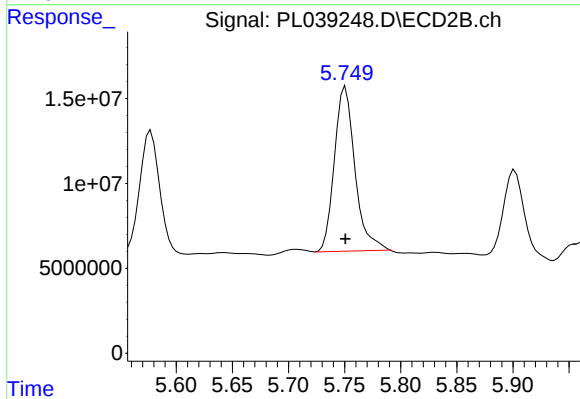
#7 delta-BHC

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 148707777  
Conc: 37.35 ng/ml



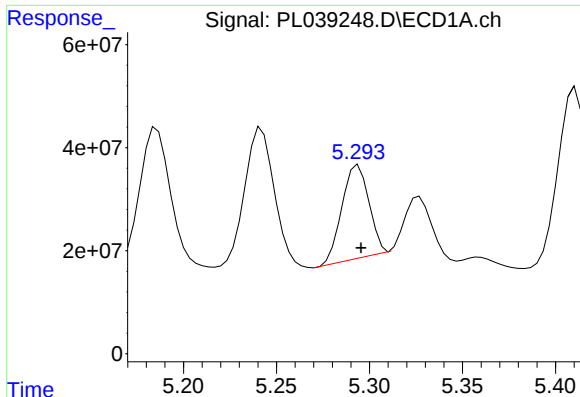
#8 Heptachlor epoxide

R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 339645404  
Conc: 35.57 ng/ml



#8 Heptachlor epoxide

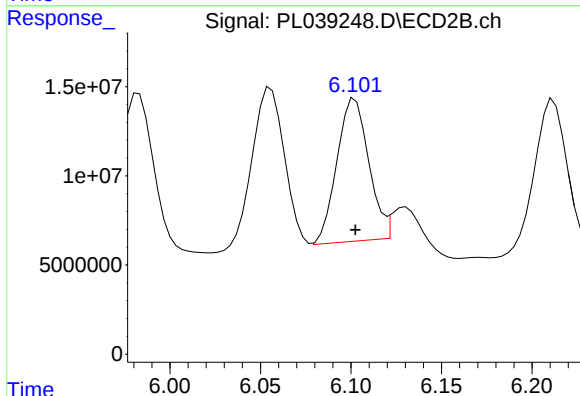
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 124181647  
Conc: 36.93 ng/ml



#9 Endosulfan I

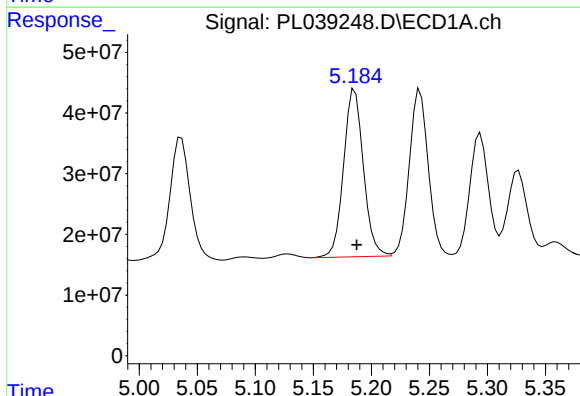
R.T.: 5.294 min  
Delta R.T.: -0.001 min  
Response: 181530524  
Conc: 20.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



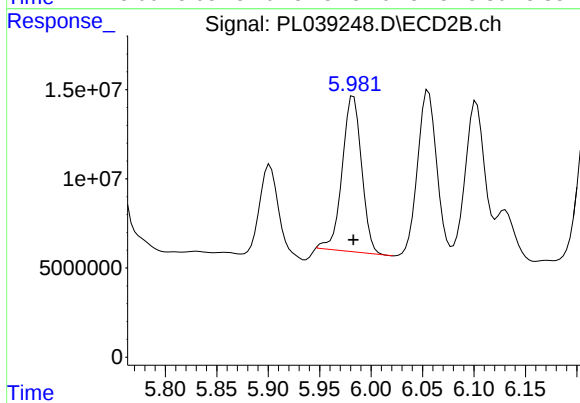
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 97734918  
Conc: 33.32 ng/ml



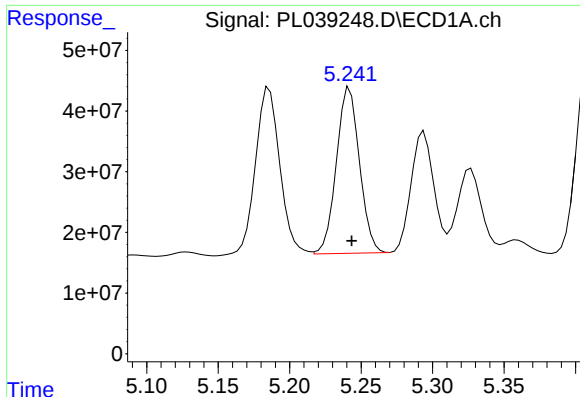
#10 gamma-Chlordane

R.T.: 5.186 min  
Delta R.T.: -0.002 min  
Response: 327958928  
Conc: 33.21 ng/ml



#10 gamma-Chlordane

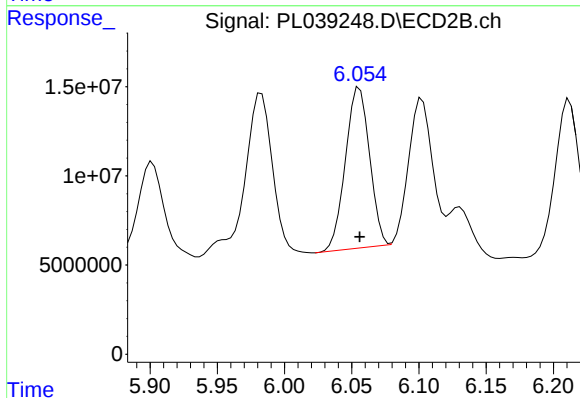
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 114009525  
Conc: 35.23 ng/ml



#11 alpha-Chlordane

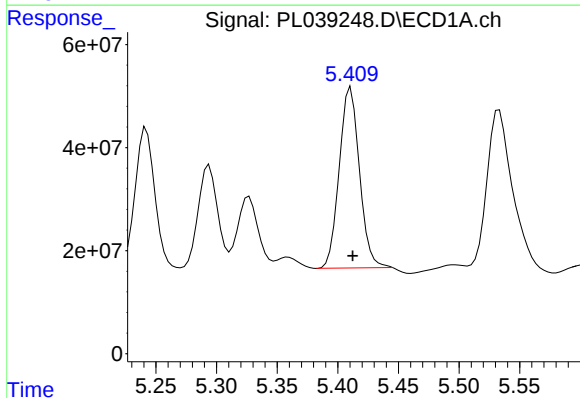
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 307407255  
Conc: 32.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



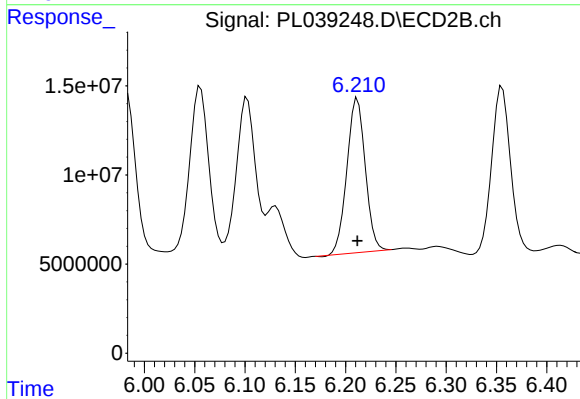
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 112240397  
Conc: 34.70 ng/ml



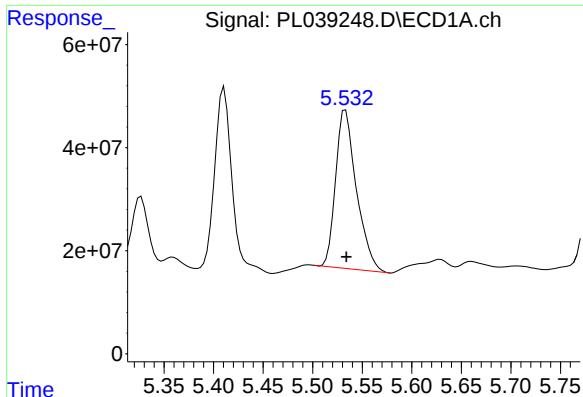
#12 4,4'-DDE

R.T.: 5.411 min  
Delta R.T.: -0.002 min  
Response: 406576143  
Conc: 42.46 ng/ml



#12 4,4'-DDE

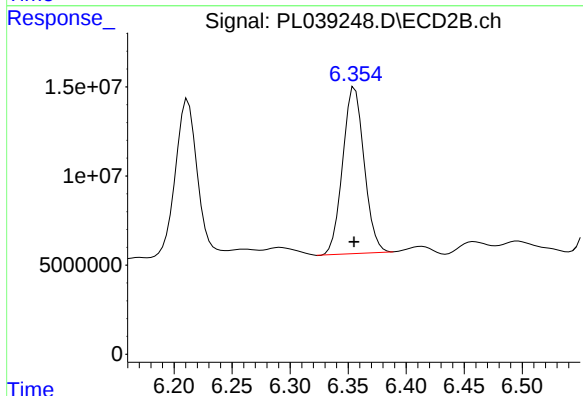
R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 109591469  
Conc: 35.44 ng/ml



#13 Dieldrin

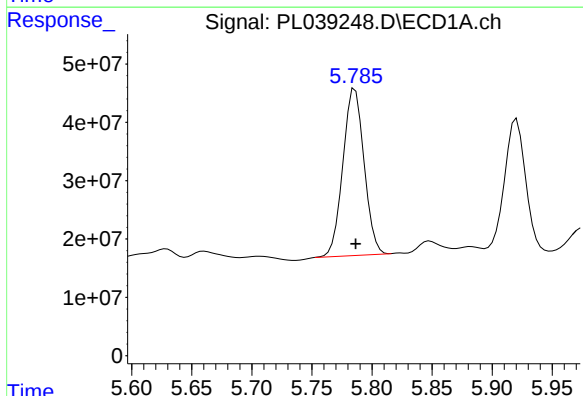
R.T.: 5.533 min  
Delta R.T.: 0.000 min  
Response: 446954080  
Conc: 45.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



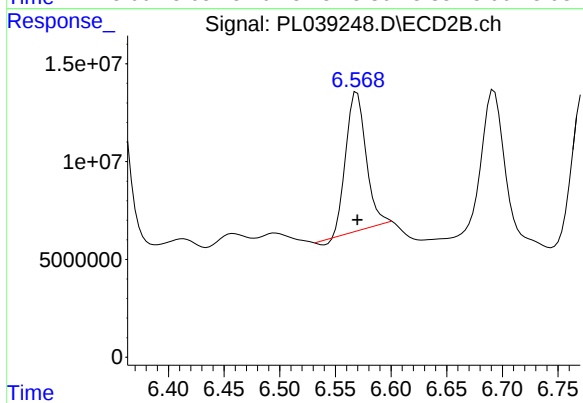
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 120255303  
Conc: 39.70 ng/ml



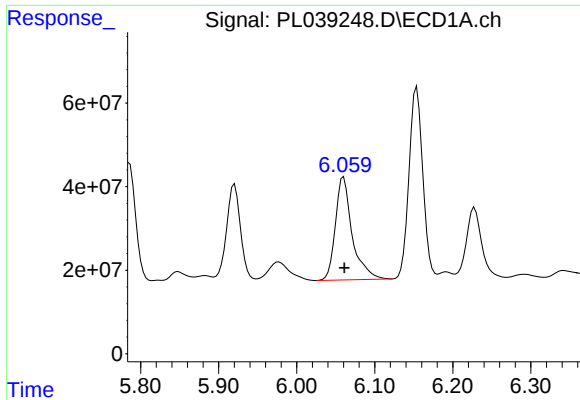
#14 Endrin

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 351175128  
Conc: 39.23 ng/ml



#14 Endrin

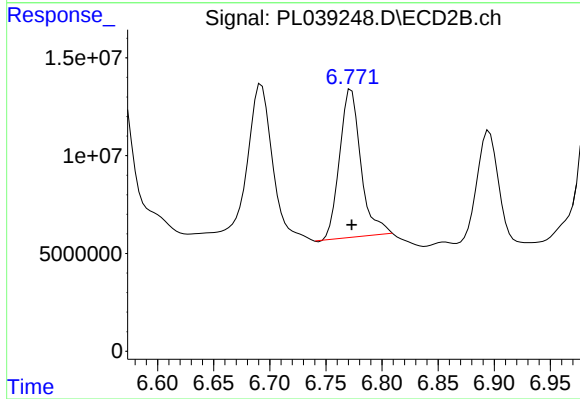
R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 90190393  
Conc: 35.08 ng/ml



#15 Endosulfan II

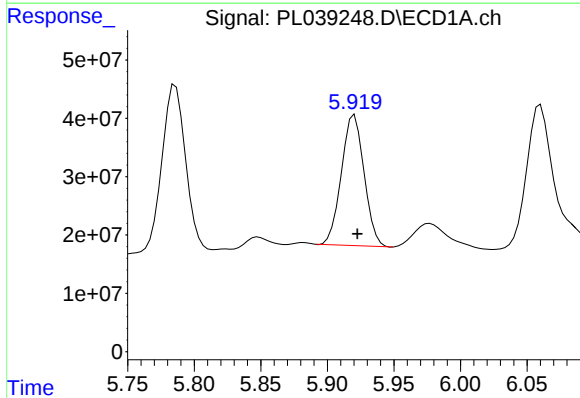
R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 367381672  
Conc: 42.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



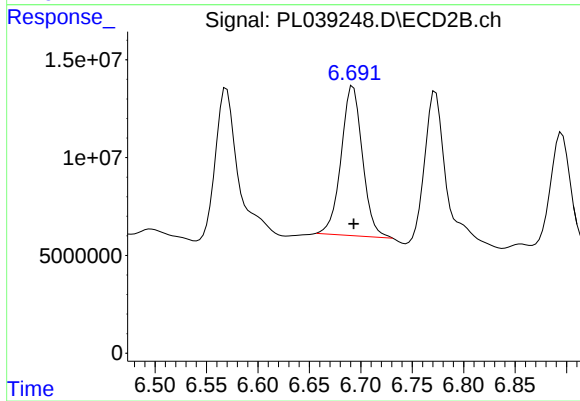
#15 Endosulfan II

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 100287990  
Conc: 39.04 ng/ml



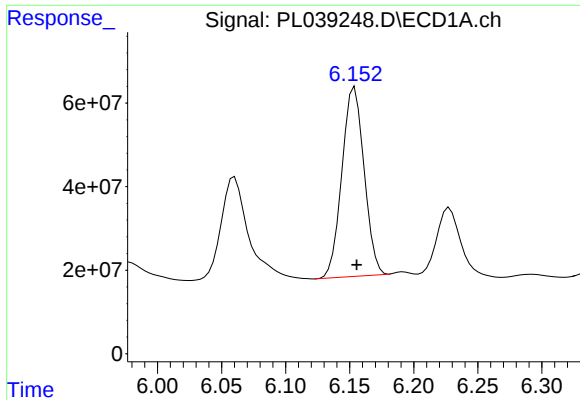
#16 4,4'-DDD

R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 265718393  
Conc: 33.34 ng/ml



#16 4,4'-DDD

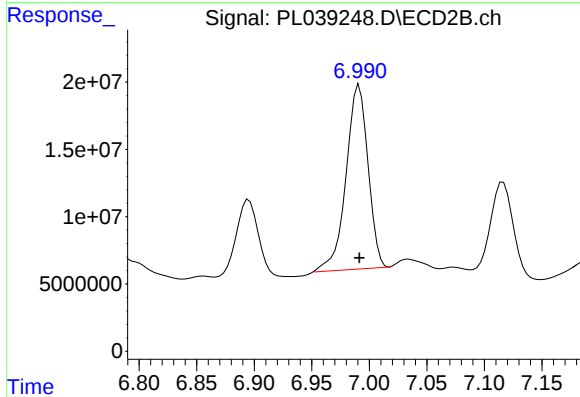
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 110062607  
Conc: 49.15 ng/ml



#17 4,4'-DDT

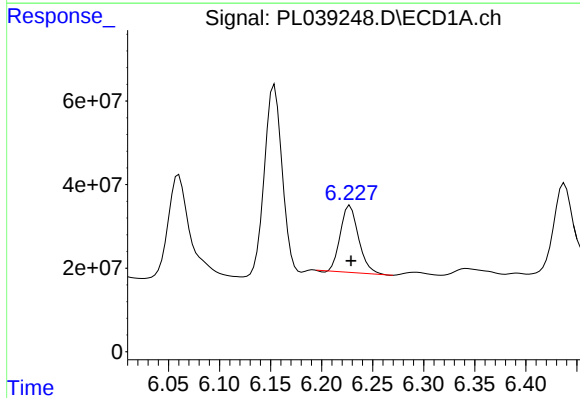
R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 544810098  
Conc: 71.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



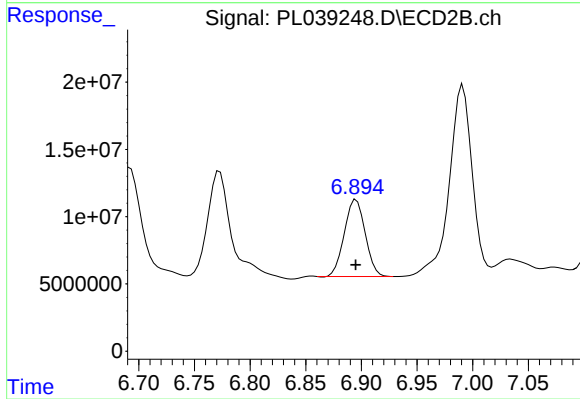
#17 4,4'-DDT

R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 182423696  
Conc: 77.50 ng/ml



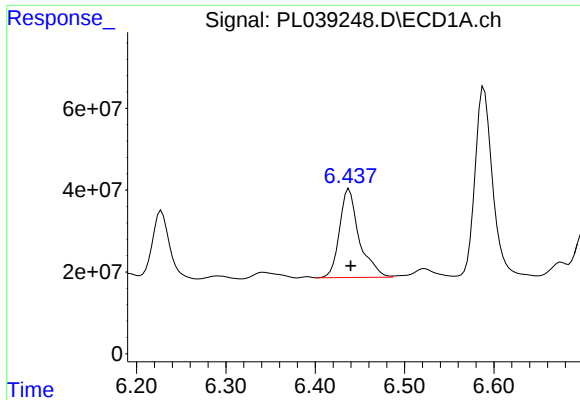
#18 Endrin aldehyde

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 198431221  
Conc: 29.28 ng/ml



#18 Endrin aldehyde

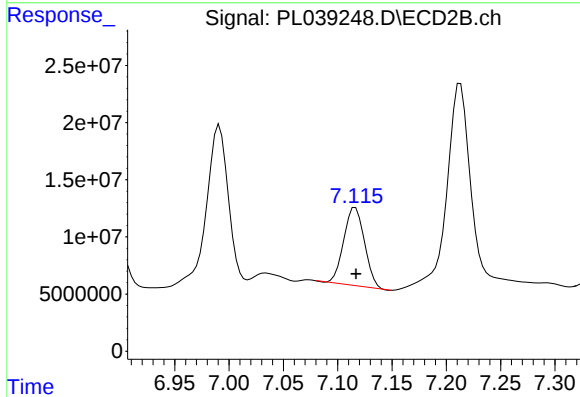
R.T.: 6.895 min  
Delta R.T.: 0.000 min  
Response: 74610578  
Conc: 34.36 ng/ml



#19 Endosulfan Sulfate

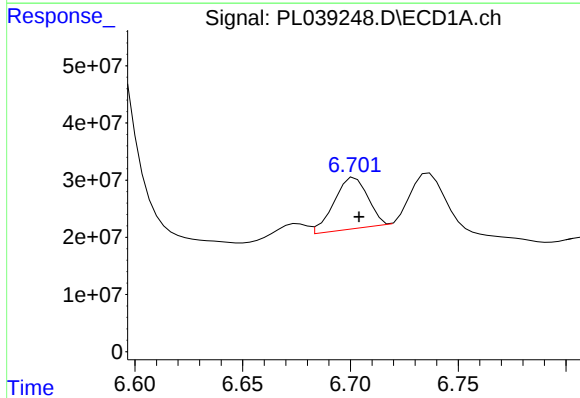
R.T.: 6.438 min  
Delta R.T.: -0.002 min  
Response: 330842403  
Conc: 40.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



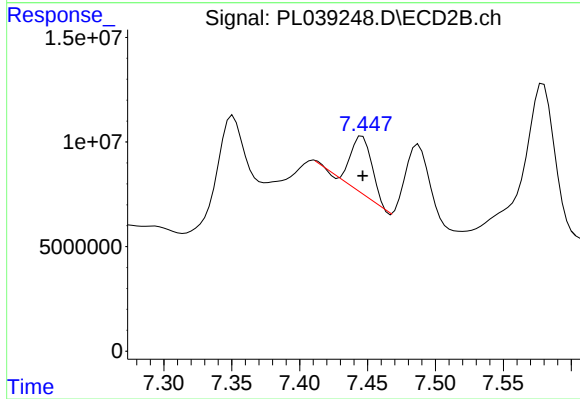
#19 Endosulfan Sulfate

R.T.: 7.116 min  
Delta R.T.: 0.000 min  
Response: 91039875  
Conc: 37.98 ng/ml



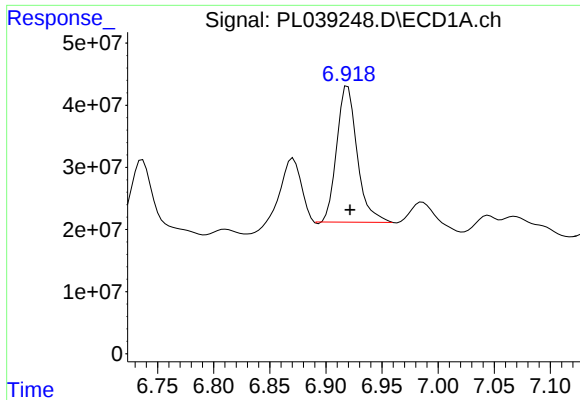
#20 Methoxychlor

R.T.: 6.702 min  
Delta R.T.: -0.002 min  
Response: 97020324  
Conc: 23.71 ng/ml



#20 Methoxychlor

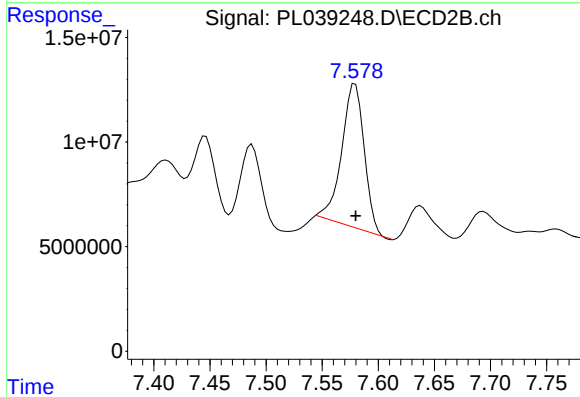
R.T.: 7.446 min  
Delta R.T.: 0.000 min  
Response: 30429096  
Conc: 24.57 ng/ml



#21 Endrin ketone

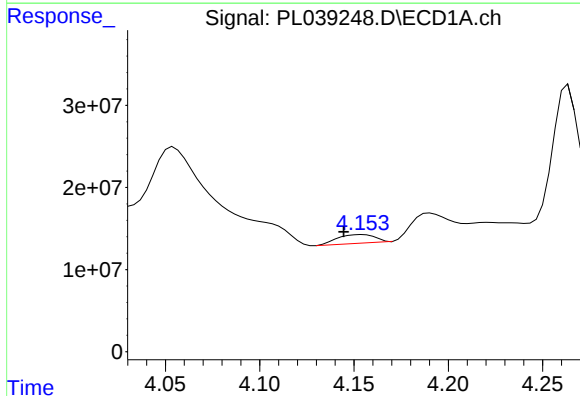
R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 278062645  
Conc: 32.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



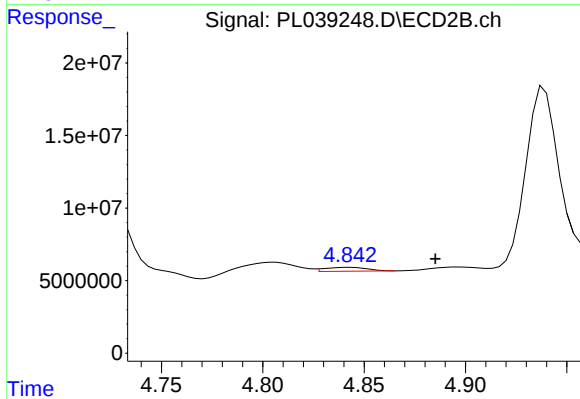
#21 Endrin ketone

R.T.: 7.579 min  
Delta R.T.: 0.000 min  
Response: 96049532  
Conc: 38.87 ng/ml



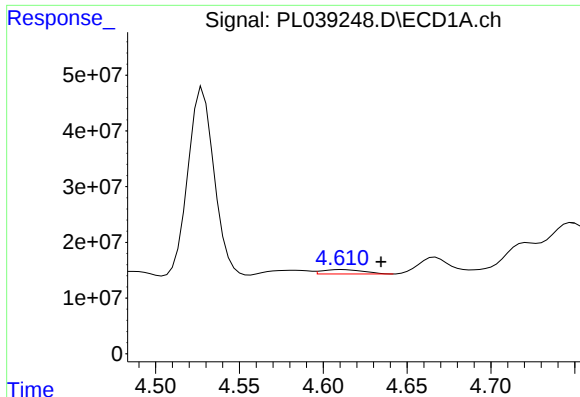
#23 Chlordane-1

R.T.: 4.155 min  
Delta R.T.: 0.010 min  
Response: 14449293  
Conc: 45.64 ng/ml



#23 Chlordane-1

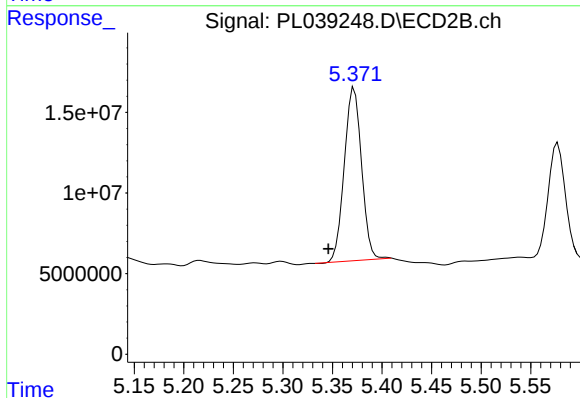
R.T.: 4.843 min  
Delta R.T.: -0.042 min  
Response: 3934719  
Conc: 31.49 ng/ml



#24 Chlordane-2

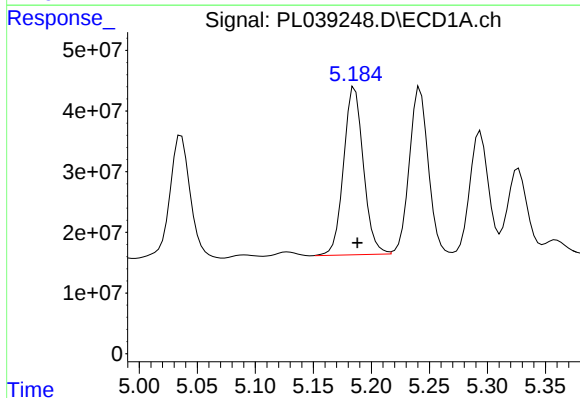
R.T.: 4.611 min  
Delta R.T.: -0.024 min  
Response: 13483590  
Conc: 38.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



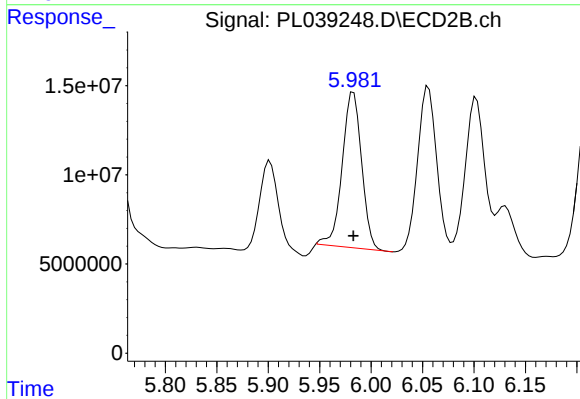
#24 Chlordane-2

R.T.: 5.372 min  
Delta R.T.: 0.026 min  
Response: 130232738  
Conc: 1028.17 ng/ml



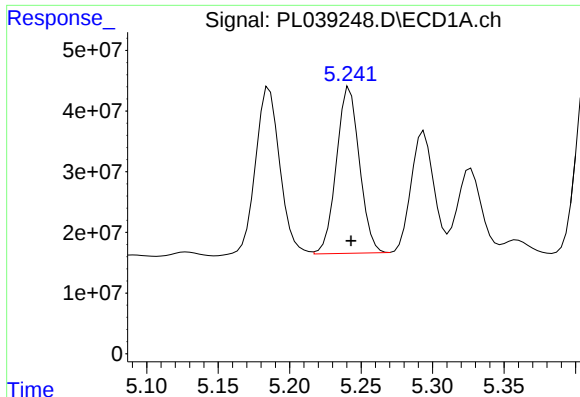
#25 Chlordane-3

R.T.: 5.186 min  
Delta R.T.: -0.002 min  
Response: 327958928  
Conc: 300.26 ng/ml



#25 Chlordane-3

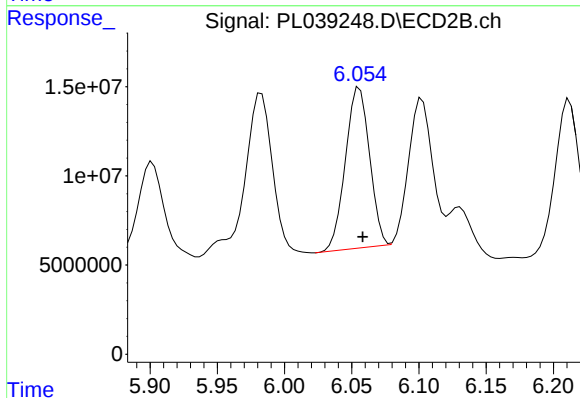
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 114009525  
Conc: 264.91 ng/ml



#26 Chlordane-4

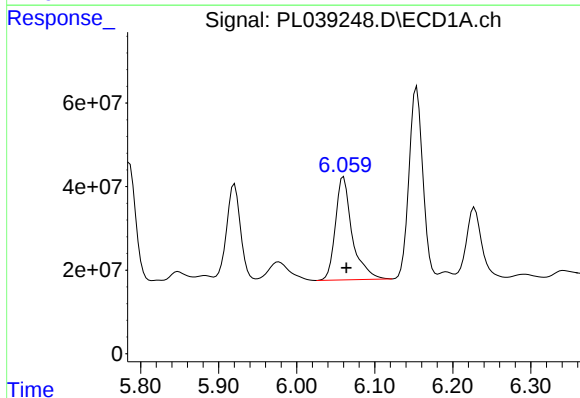
R.T.: 5.242 min  
Delta R.T.: -0.001 min  
Response: 307407255  
Conc: 307.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



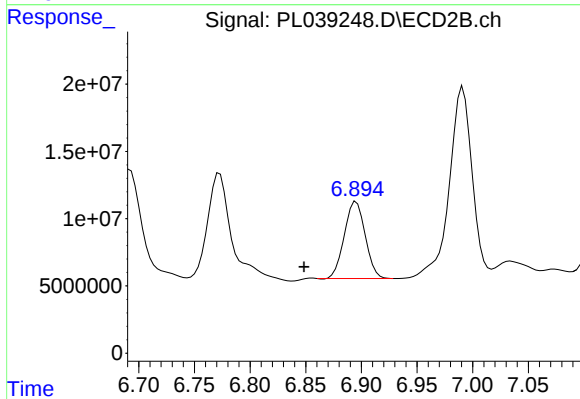
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: -0.002 min  
Response: 112240397  
Conc: 216.38 ng/ml



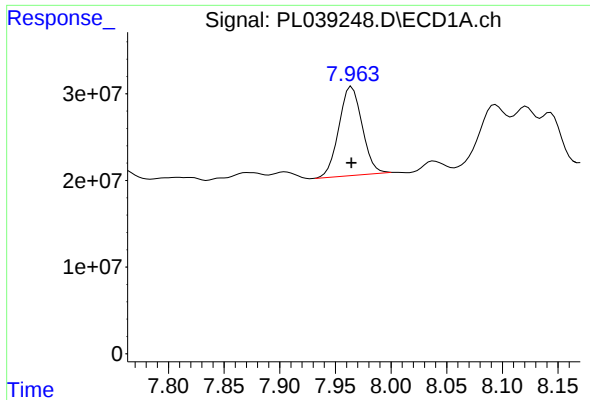
#27 Chlordane-5

R.T.: 6.060 min  
Delta R.T.: -0.004 min  
Response: 367381672  
Conc: 1132.74 ng/ml



#27 Chlordane-5

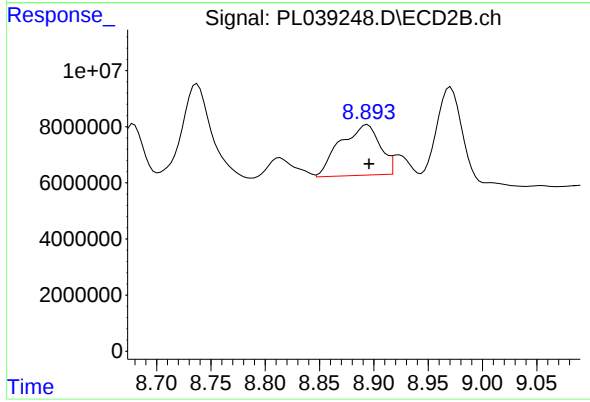
R.T.: 6.895 min  
Delta R.T.: 0.047 min  
Response: 74610578  
Conc: 806.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: 0.000 min  
Response: 150057102  
Conc: 21.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.894 min  
Delta R.T.: -0.001 min  
Response: 45949001  
Conc: 19.80 ng/ml