

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011823\  
 Data File : PL080378.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2023 08:37  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 20:26:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 12 01:47:41 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.355  | 2.691  | 50711818 | 48472679 | 25.386 | 21.673   |
| 28)                         | SA Decachlor... | 8.795  | 7.842  | 38350614 | 49522928 | 25.993 | 22.031   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.202  | 0        | 43088    | N.D.   | 0.013 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.499f | 0        | 51705    | N.D.   | 0.017 #  |
| 4)                          | MA Heptachlor   | 4.715  | 3.879f | 104681   | 93772    | 0.040  | 0.029 #  |
| 5)                          | MB Aldrin       | 5.023f | 4.161f | 75551    | 4373685  | 0.032  | 1.470 #  |
| 6)                          | B beta-BHC      | 4.334  | 3.829  | 115321   | 319691   | 0.098  | 0.238 #  |
| 7)                          | B delta-BHC     | 4.566  | 4.046  | 1020550  | 1403827  | 0.391  | 0.486    |
| 8)                          | B Heptachlo...  | 5.479  | 4.660f | 9401519  | -78297   | 4.234  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.855  | 0.000  | 144596   | 0        | 0.071  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.723  | 0.000  | 945335   | 0        | 0.432  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.808  | 4.953  | 177179   | 5454493  | 0.082  | 1.907 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.153  | 0        | 119759   | N.D.   | 0.051 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.298f | 0        | 5465841  | N.D.   | 2.005 #  |
| 14)                         | MA Endrin       | 6.371  | 5.572f | 4687056  | 640154   | 2.555  | 0.269 #  |
| 15)                         | B Endosulfa...  | 6.562  | 0.000  | 2561393  | 0        | 1.328  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.508  | 0.000  | 4596392  | 0        | 2.904  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.789f | 5.960  | 437145   | 140011   | 0.248  | 0.066 #  |
| 18)                         | B Endrin al...  | 6.711  | 6.003f | 483544   | 45186    | 0.335  | 0.025 #  |
| 19)                         | B Endosulfa...  | 6.925  | 6.247  | 94227    | 386241   | 0.054  | 0.166 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.539  | 0        | 136913   | N.D.   | 0.114 #  |
| 21)                         | B Endrin ke...  | 7.429  | 0.000  | 35195    | 0        | 0.019  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.697  | 0        | 253399   | N.D.   | 3.107 #  |
| 24)                         | Chlordane-2     | 5.023  | 0.000  | 75551    | 0        | 0.859  | N.D. #   |
| 25)                         | Chlordane-3     | 5.723  | 0.000  | 945335   | 0        | 2.913  | N.D. #   |
| 26)                         | Chlordane-4     | 5.808  | 4.953  | 177179   | 5454493  | 0.444  | 19.069 # |
| 27)                         | Chlordane-5     | 6.625f | 0.000  | 3944840  | 0        | 55.736 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

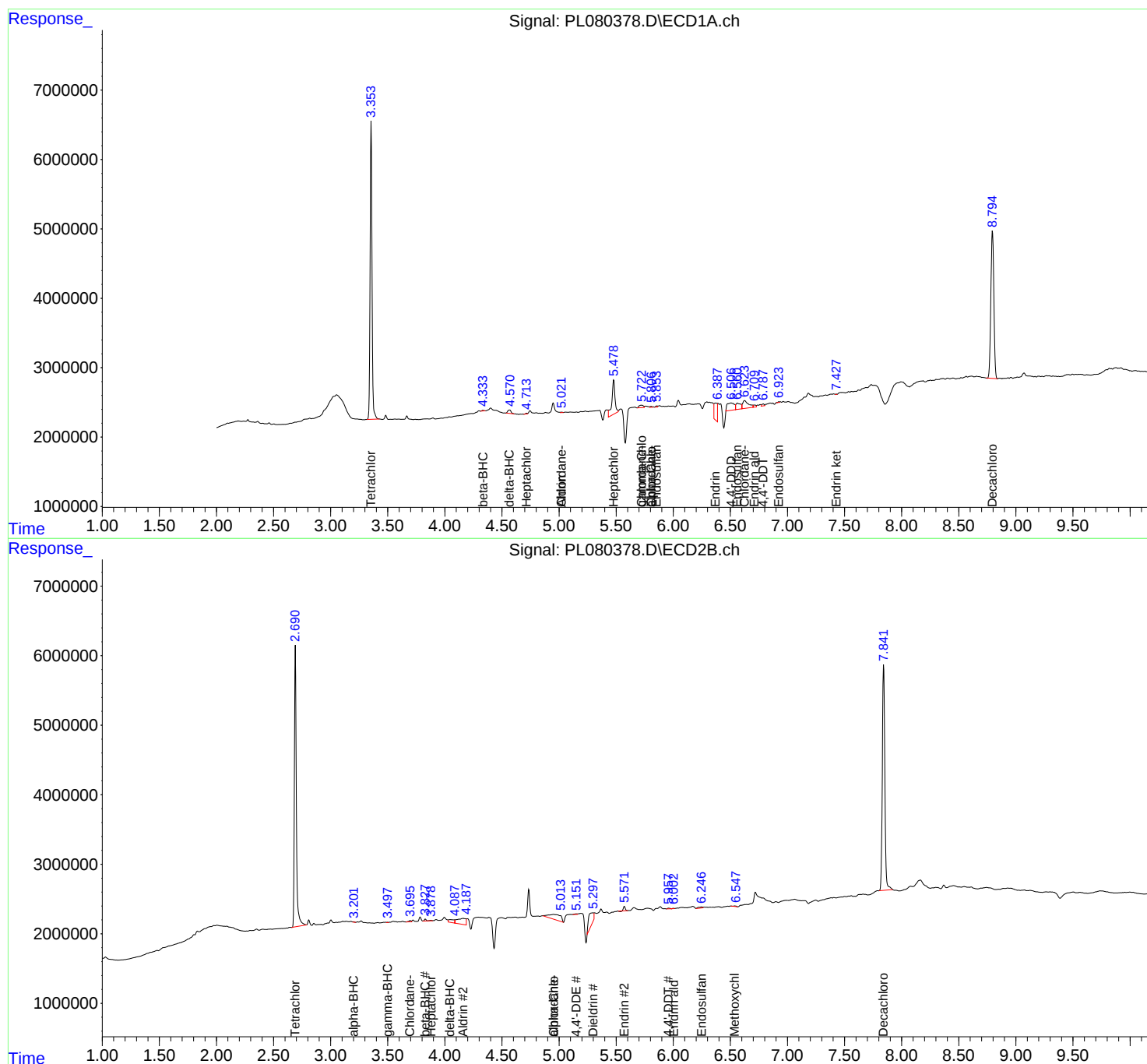
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

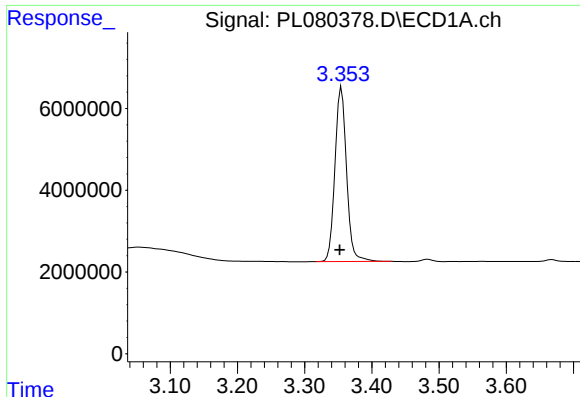
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011823\  
Data File : PL080378.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jan 2023 08:37  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 20:26:16 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 12 01:47:41 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

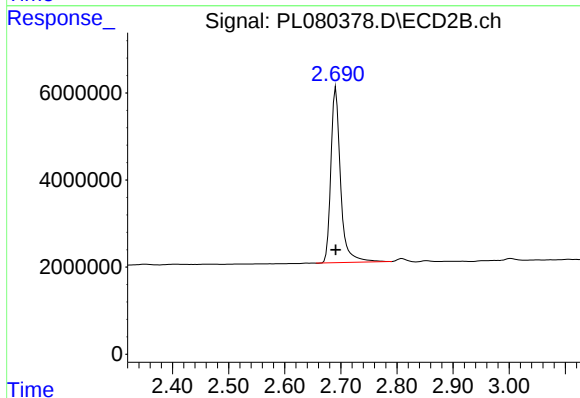




#1 Tetrachloro-m-xylene

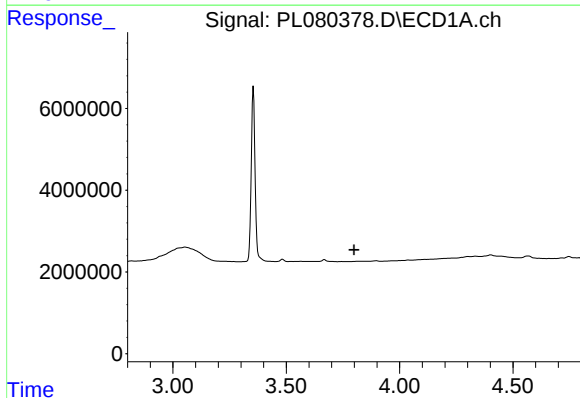
R.T.: 3.355 min  
Delta R.T.: 0.003 min  
Response: 50711818  
Conc: 25.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



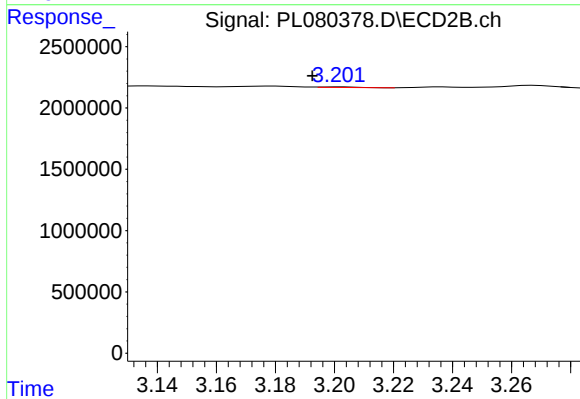
#1 Tetrachloro-m-xylene

R.T.: 2.691 min  
Delta R.T.: 0.000 min  
Response: 48472679  
Conc: 21.67 ng/ml



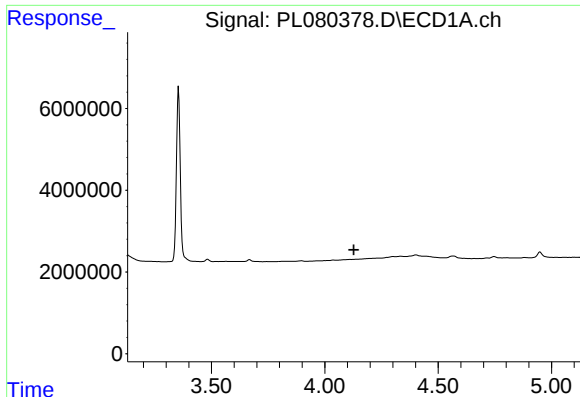
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.799 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

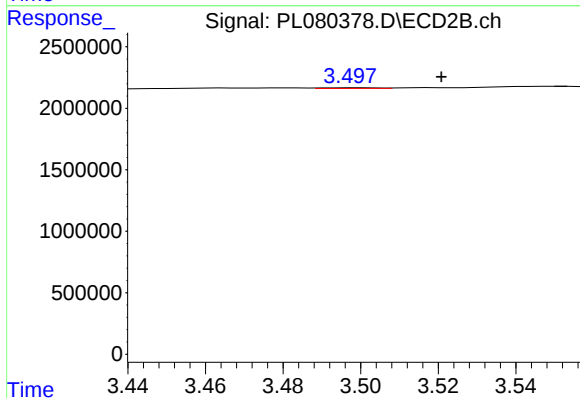
R.T.: 3.202 min  
Delta R.T.: 0.009 min  
Response: 43088  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

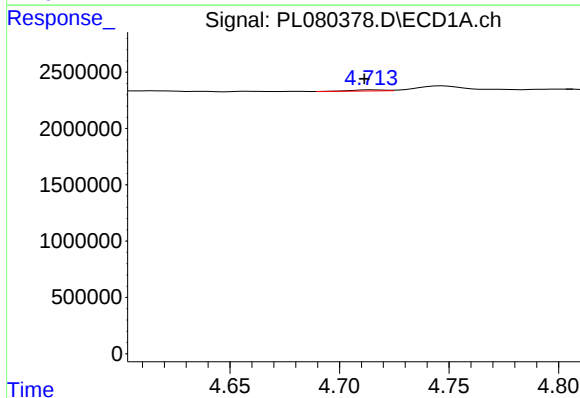
R.T.: 0.000 min  
Exp R.T.: 4.128 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



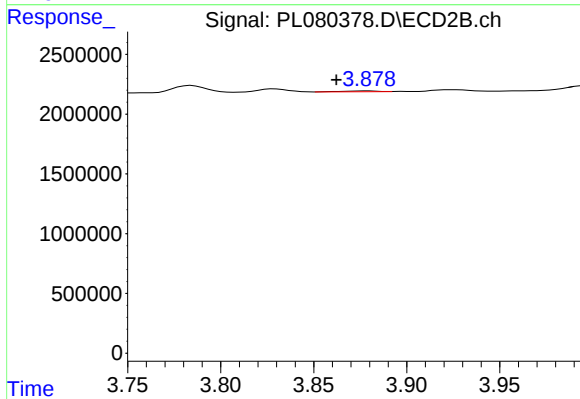
#3 gamma-BHC (Lindane)

R.T.: 3.499 min  
Delta R.T.: -0.022 min  
Response: 51705  
Conc: 0.02 ng/ml



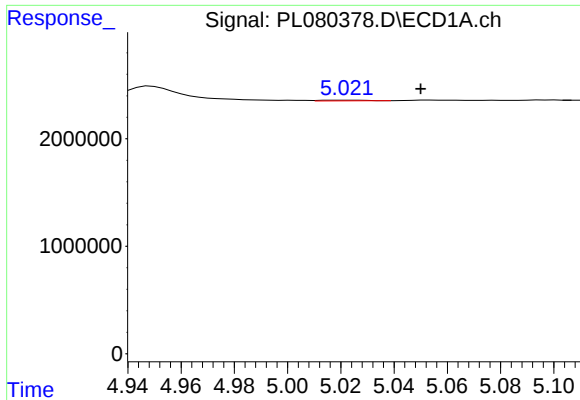
#4 Heptachlor

R.T.: 4.715 min  
Delta R.T.: 0.004 min  
Response: 104681  
Conc: 0.04 ng/ml



#4 Heptachlor

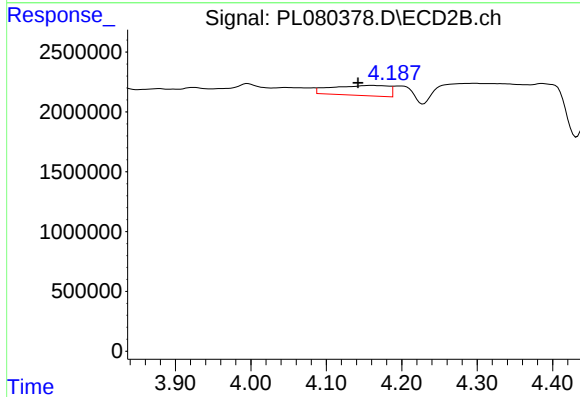
R.T.: 3.879 min  
Delta R.T.: 0.017 min  
Response: 93772  
Conc: 0.03 ng/ml



#5 Aldrin

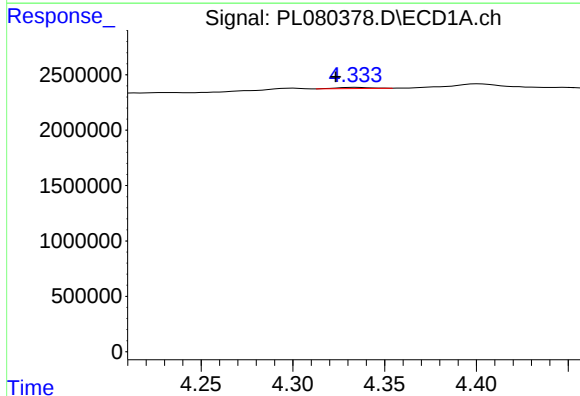
R.T.: 5.023 min  
Delta R.T.: -0.027 min  
Response: 75551  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



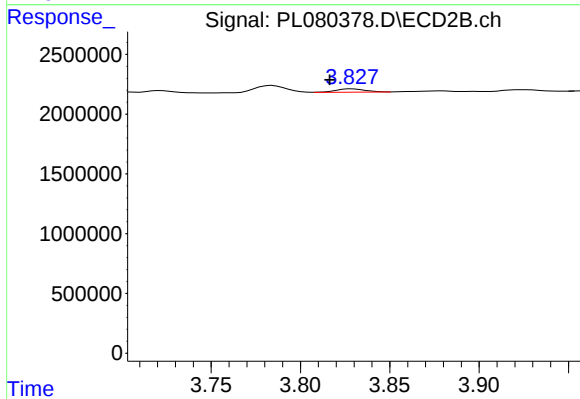
#5 Aldrin

R.T.: 4.161 min  
Delta R.T.: 0.019 min  
Response: 4373685  
Conc: 1.47 ng/ml



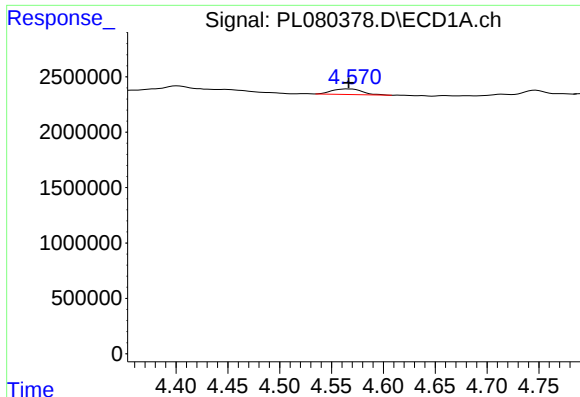
#6 beta-BHC

R.T.: 4.334 min  
Delta R.T.: 0.011 min  
Response: 115321  
Conc: 0.10 ng/ml



#6 beta-BHC

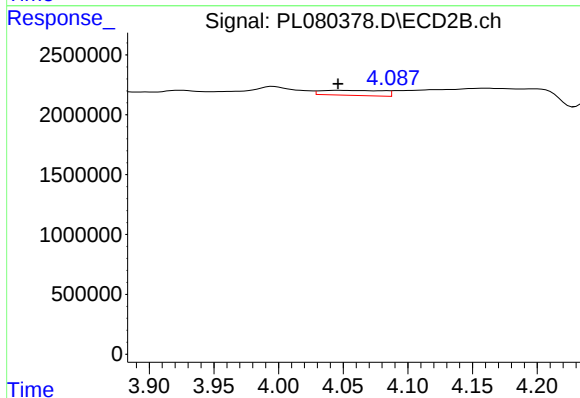
R.T.: 3.829 min  
Delta R.T.: 0.012 min  
Response: 319691  
Conc: 0.24 ng/ml



#7 delta-BHC

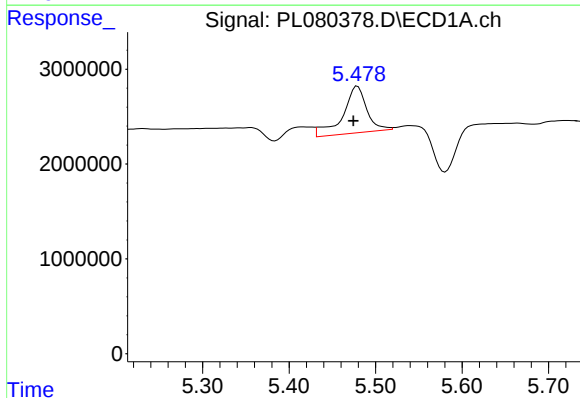
R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 1020550  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



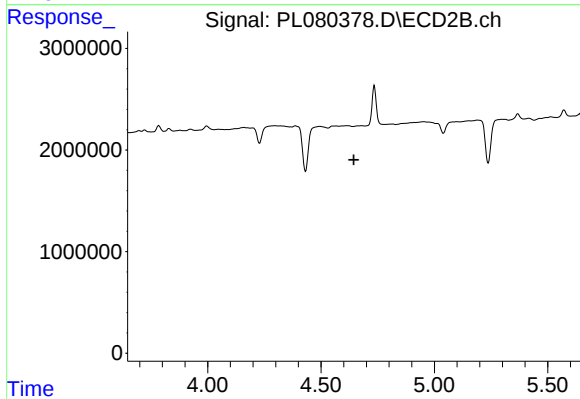
#7 delta-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 1403827  
Conc: 0.49 ng/ml



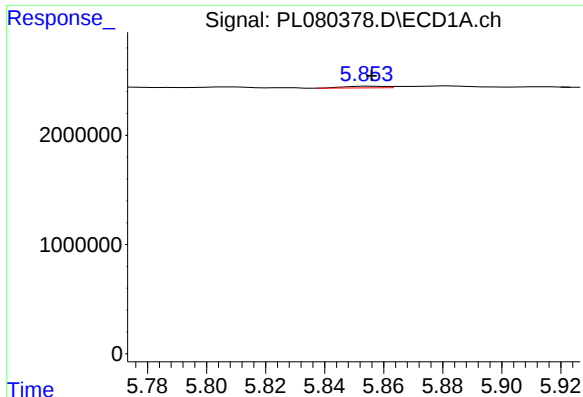
#8 Heptachlor epoxide

R.T.: 5.479 min  
Delta R.T.: 0.005 min  
Response: 9401519  
Conc: 4.23 ng/ml



#8 Heptachlor epoxide

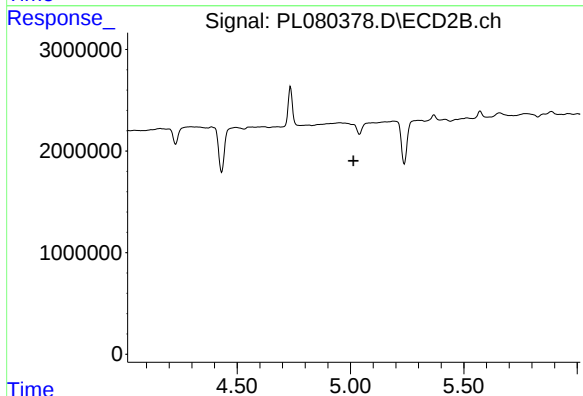
R.T.: 4.660 min  
Delta R.T.: 0.015 min  
Response: -78297  
Conc: N.D.



#9 Endosulfan I

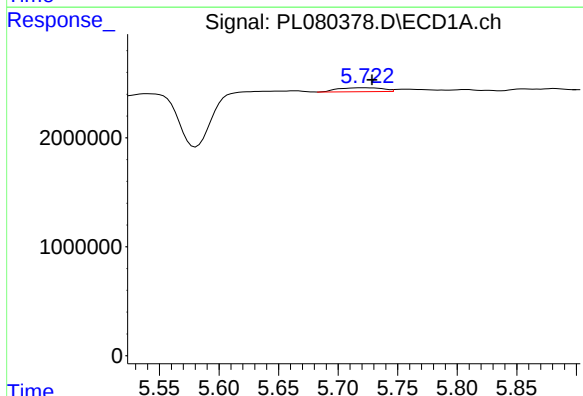
R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 144596  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



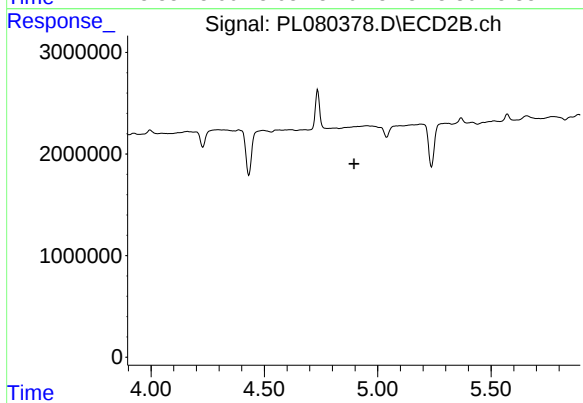
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.014 min  
Response: 0  
Conc: N.D.



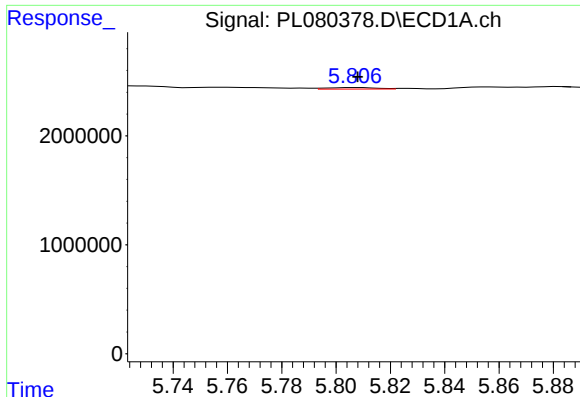
#10 gamma-Chlordane

R.T.: 5.723 min  
Delta R.T.: -0.005 min  
Response: 945335  
Conc: 0.43 ng/ml



#10 gamma-Chlordane

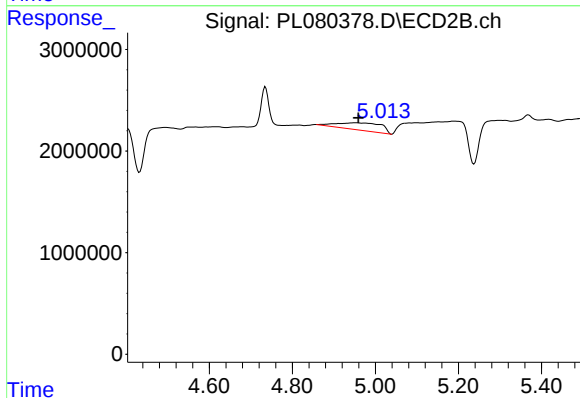
R.T.: 0.000 min  
Exp R.T. : 4.895 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

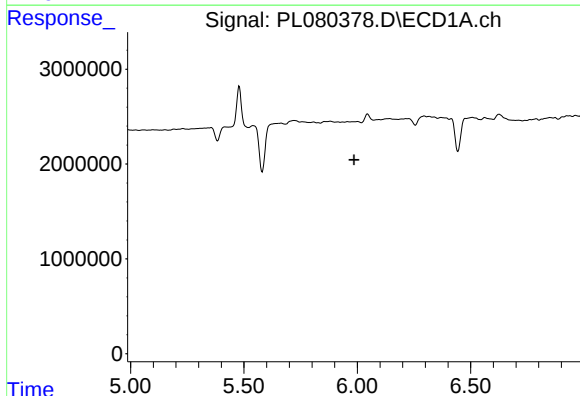
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 177179  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



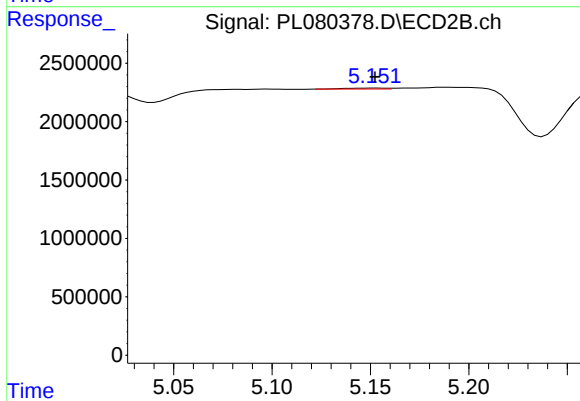
#11 alpha-Chlordane

R.T.: 4.953 min  
Delta R.T.: -0.006 min  
Response: 5454493  
Conc: 1.91 ng/ml



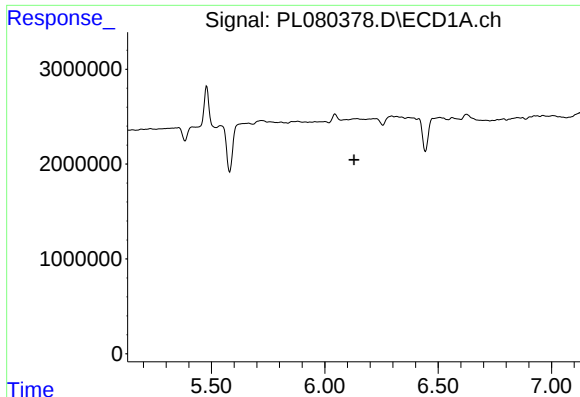
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.986 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

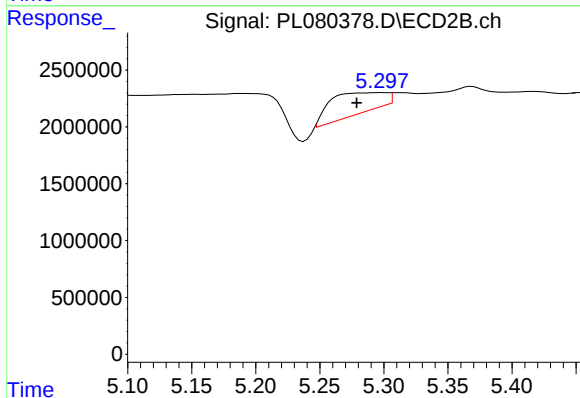
R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 119759  
Conc: 0.05 ng/ml



#13 Dieldrin

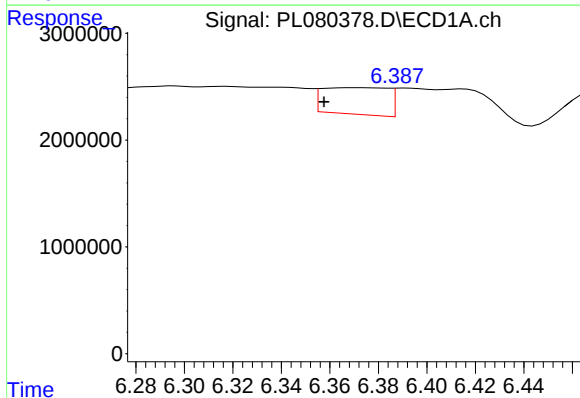
R.T.: 0.000 min  
Exp R.T.: 6.130 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



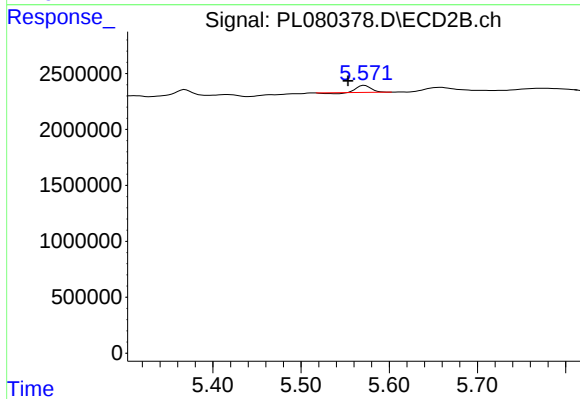
#13 Dieldrin

R.T.: 5.298 min  
Delta R.T.: 0.020 min  
Response: 5465841  
Conc: 2.01 ng/ml



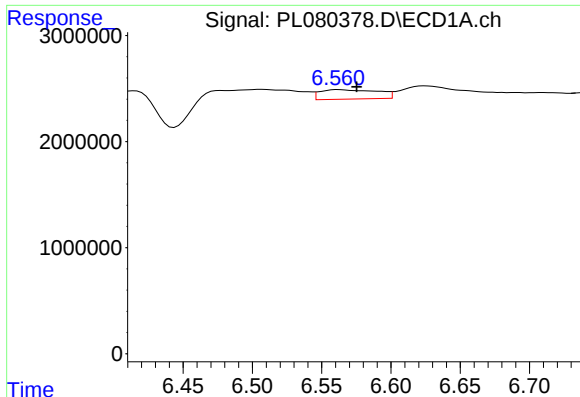
#14 Endrin

R.T.: 6.371 min  
Delta R.T.: 0.013 min  
Response: 4687056  
Conc: 2.56 ng/ml



#14 Endrin

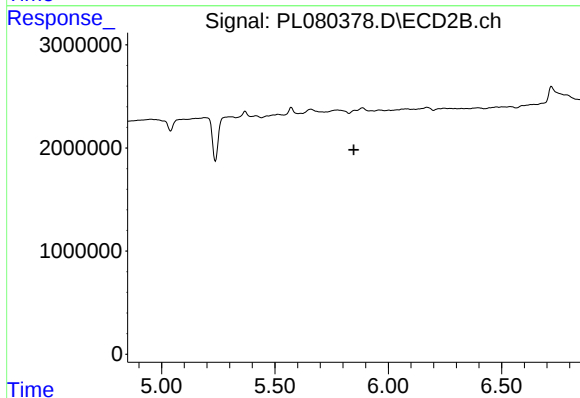
R.T.: 5.572 min  
Delta R.T.: 0.019 min  
Response: 640154  
Conc: 0.27 ng/ml



#15 Endosulfan II

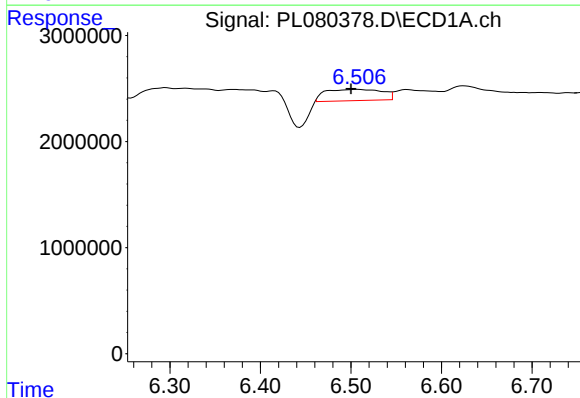
R.T.: 6.562 min  
Delta R.T.: -0.013 min  
Response: 2561393  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



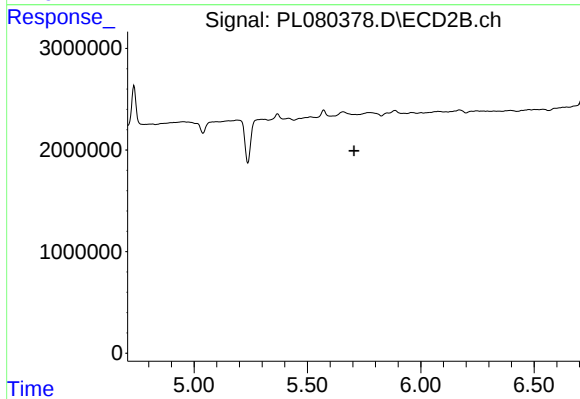
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.847 min  
Response: 0  
Conc: N.D.



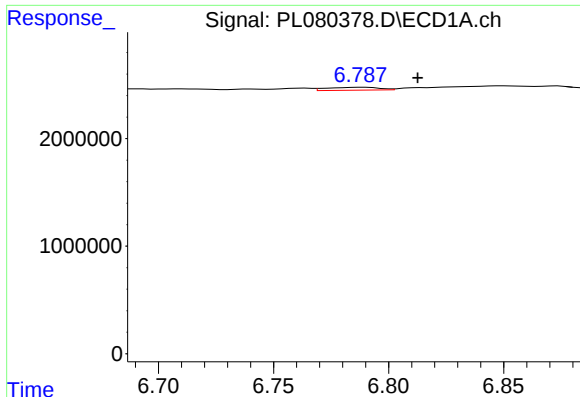
#16 4,4'-DDD

R.T.: 6.508 min  
Delta R.T.: 0.008 min  
Response: 4596392  
Conc: 2.90 ng/ml



#16 4,4'-DDD

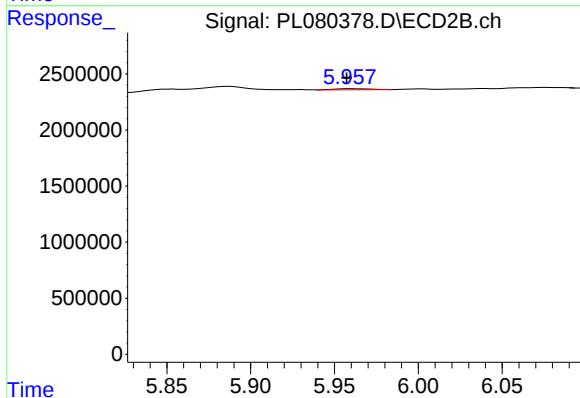
R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

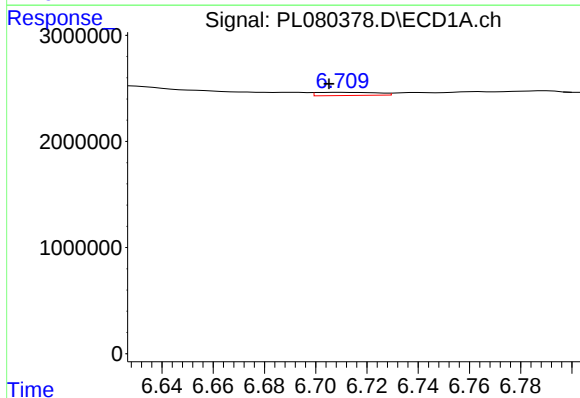
R.T.: 6.789 min  
Delta R.T.: -0.024 min  
Response: 437145  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



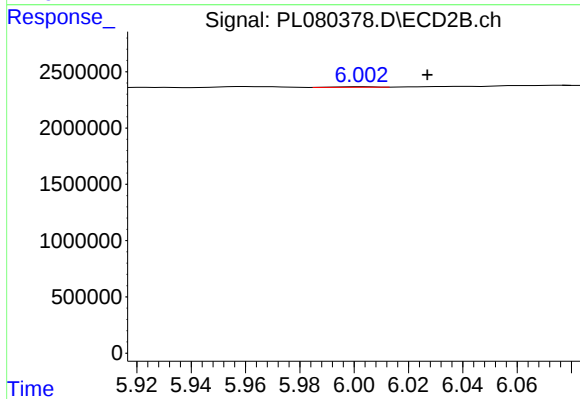
#17 4,4'-DDT

R.T.: 5.960 min  
Delta R.T.: 0.002 min  
Response: 140011  
Conc: 0.07 ng/ml



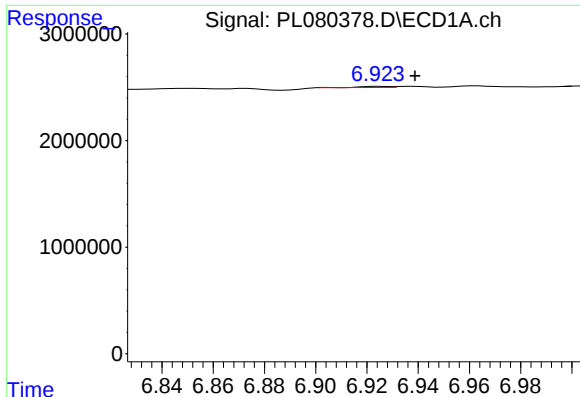
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: 0.006 min  
Response: 483544  
Conc: 0.34 ng/ml



#18 Endrin aldehyde

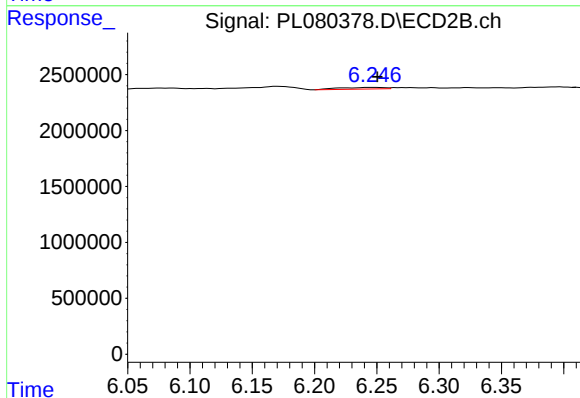
R.T.: 6.003 min  
Delta R.T.: -0.024 min  
Response: 45186  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

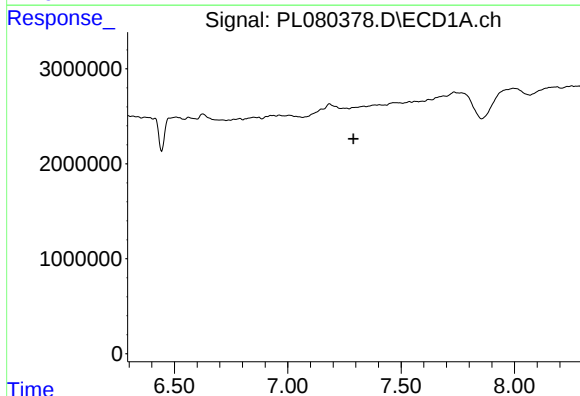
R.T.: 6.925 min  
Delta R.T.: -0.014 min  
Response: 94227  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



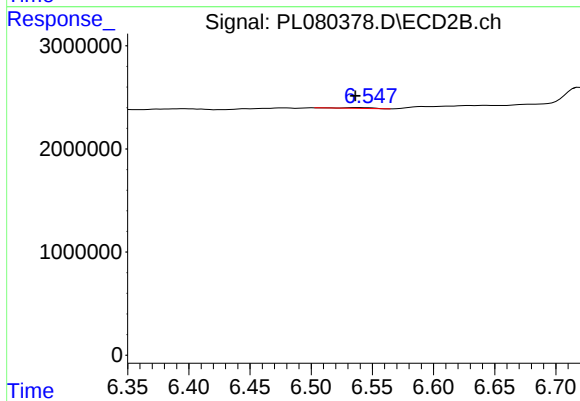
#19 Endosulfan Sulfate

R.T.: 6.247 min  
Delta R.T.: -0.003 min  
Response: 386241  
Conc: 0.17 ng/ml



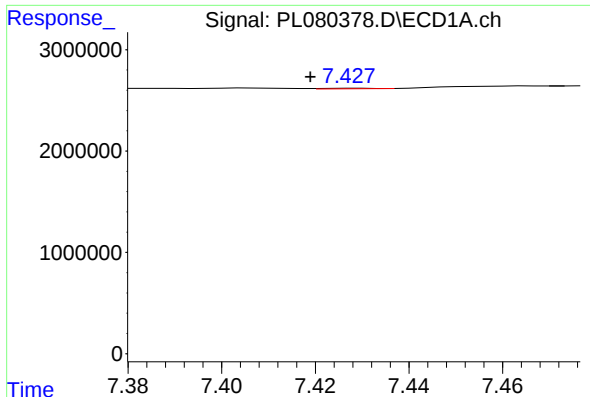
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.290 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

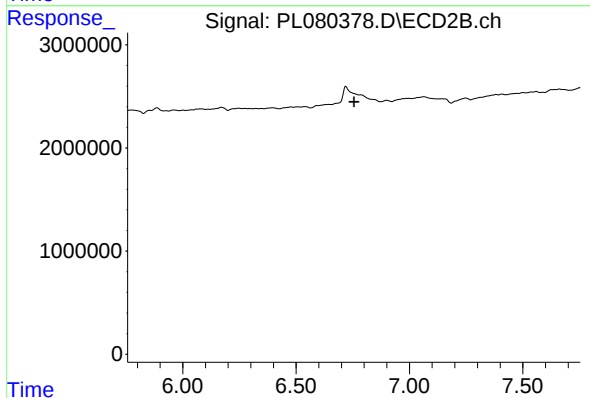
R.T.: 6.539 min  
Delta R.T.: 0.003 min  
Response: 136913  
Conc: 0.11 ng/ml



#21 Endrin ketone

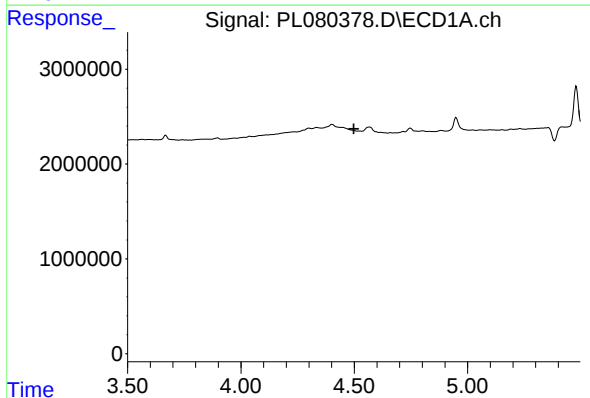
R.T.: 7.429 min  
Delta R.T.: 0.010 min  
Response: 35195  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



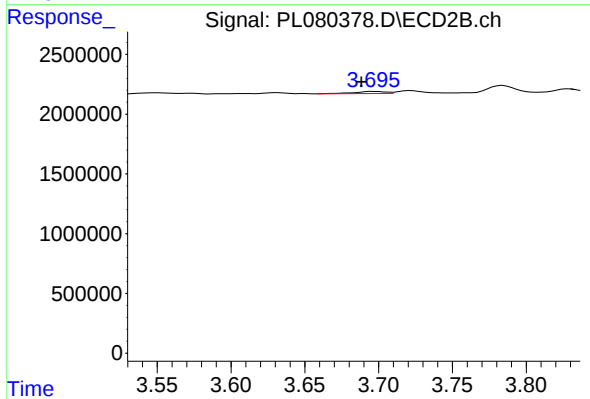
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.755 min  
Response: 0  
Conc: N.D.



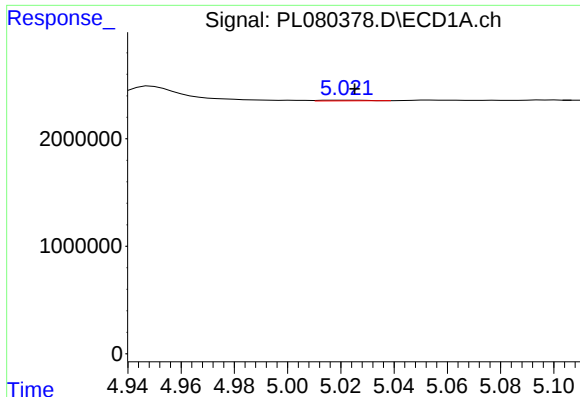
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.499 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

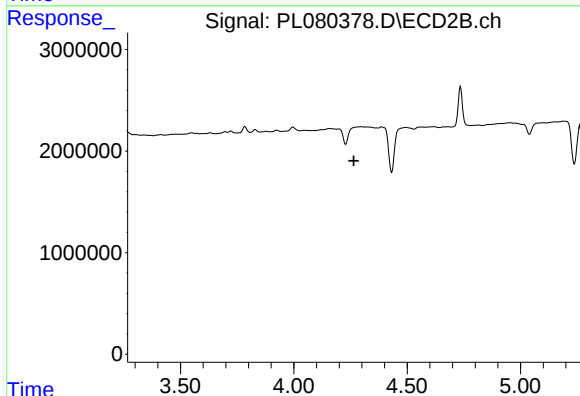
R.T.: 3.697 min  
Delta R.T.: 0.008 min  
Response: 253399  
Conc: 3.11 ng/ml



#24 Chlordane-2

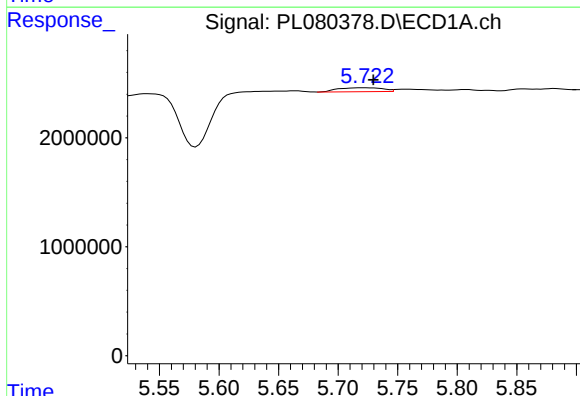
R.T.: 5.023 min  
Delta R.T.: -0.002 min  
Response: 75551  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



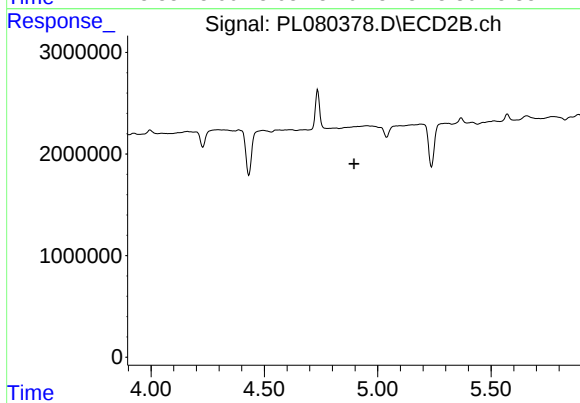
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.265 min  
Response: 0  
Conc: N.D.



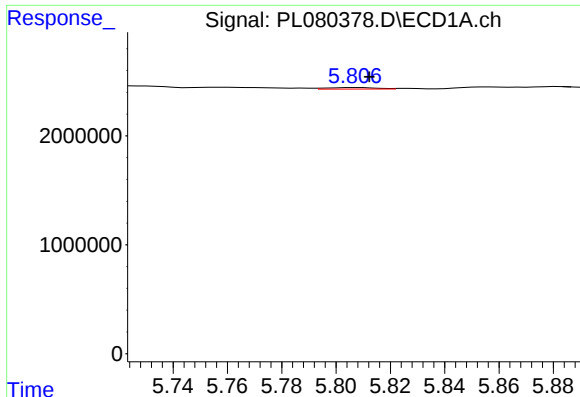
#25 Chlordane-3

R.T.: 5.723 min  
Delta R.T.: -0.006 min  
Response: 945335  
Conc: 2.91 ng/ml



#25 Chlordane-3

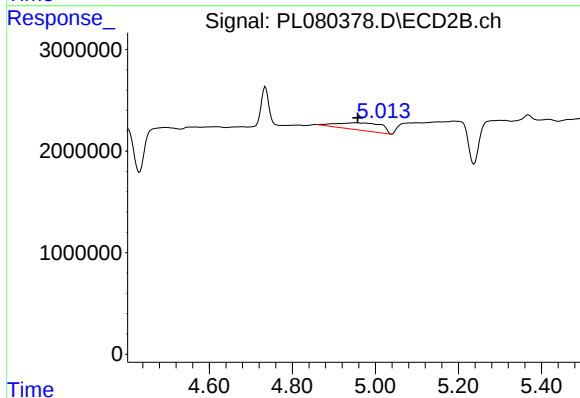
R.T.: 0.000 min  
Exp R.T. : 4.896 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

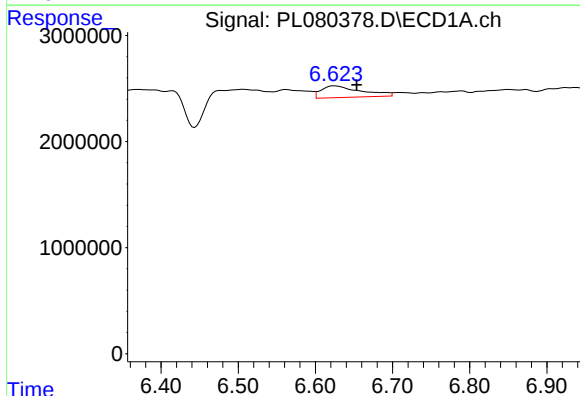
R.T.: 5.808 min  
Delta R.T.: -0.005 min  
Response: 177179  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



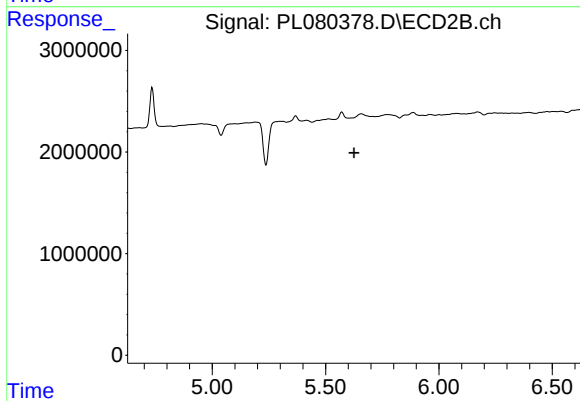
#26 Chlordane-4

R.T.: 4.953 min  
Delta R.T.: -0.005 min  
Response: 5454493  
Conc: 19.07 ng/ml



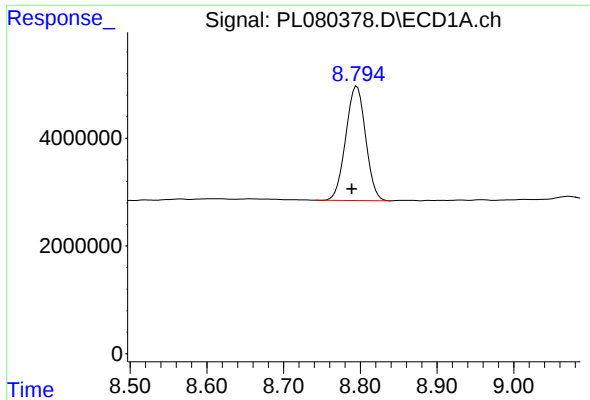
#27 Chlordane-5

R.T.: 6.625 min  
Delta R.T.: -0.029 min  
Response: 3944840  
Conc: 55.74 ng/ml



#27 Chlordane-5

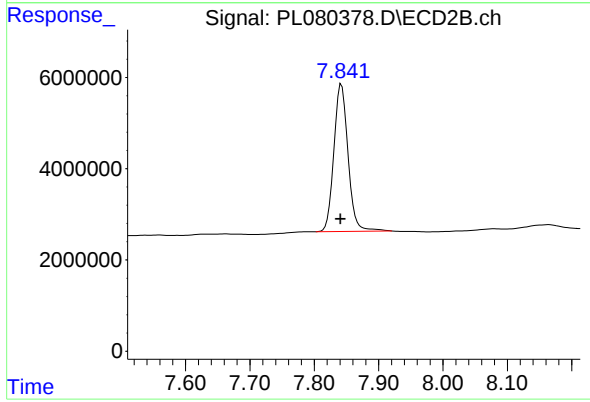
R.T.: 0.000 min  
Exp R.T.: 5.626 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.795 min  
Delta R.T.: 0.007 min  
Response: 38350614  
Conc: 25.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.842 min  
Delta R.T.: 0.002 min  
Response: 49522928  
Conc: 22.03 ng/ml