

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
 Data File : PL082512.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2023 16:35  
 Operator : AR\AJ  
 Sample : 02588-05  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 21:18:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.320  | 2.643  | 27837771 | 24696605 | 10.421 | 10.660   |
| 28)                         | SA Decachlor... | 8.737  | 7.753  | 20228616 | 22542443 | 10.596 | 9.876    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.078f | 3.485  | 109555   | 512105   | 0.029  | 0.159 #  |
| 4)                          | MA Heptachlor   | 4.706f | 3.817  | 359463   | 983597   | 0.098  | 0.287 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.096  | 0        | 1456747  | N.D.   | 0.462 #  |
| 6)                          | B beta-BHC      | 4.295  | 3.768  | 342896   | 9089     | 0.201  | 0.007 #  |
| 7)                          | B delta-BHC     | 4.536  | 3.996  | 867440   | 619172   | 0.241  | 0.202    |
| 8)                          | B Heptachlo...  | 5.435  | 4.571  | 3197686  | 119787   | 1.048  | 0.042 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.977f | 0        | 213262   | N.D.   | 0.080 #  |
| 10)                         | B gamma-Chl...  | 5.717f | 4.855f | 2753529  | 2353391  | 0.916  | 0.811    |
| 11)                         | B alpha-Chl...  | 5.775  | 4.879f | 1737991  | 1235322  | 0.582  | 0.426 #  |
| 12)                         | B 4,4'-DDE      | 5.949  | 5.078  | 3760562  | 1638765  | 1.479  | 0.713 #  |
| 13)                         | MA Dieldrin     | 6.097  | 5.212  | 2340698  | 3052816  | 0.848  | 1.131 #  |
| 14)                         | MA Endrin       | 6.326  | 5.490  | 2049961  | -239231  | 0.846  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.540  | 5.767f | 1503687  | 830600   | 0.618  | 0.368 #  |
| 16)                         | A 4,4'-DDD      | 6.473  | 0.000  | 7471194  | 0        | 3.685  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.876  | 0        | 6444874  | N.D.   | 3.051 #  |
| 18)                         | B Endrin al...  | 6.697f | 5.973  | 435804   | 2443327  | 0.231  | 1.306 #  |
| 19)                         | B Endosulfa...  | 6.889f | 6.174  | 1838610  | 4264056  | 0.775  | 1.811 #  |
| 21)                         | B Endrin ke...  | 7.366f | 6.677f | 2630701  | 81316    | 1.099  | 0.032 #  |
| 23)                         | Chlordane-1     | 4.459  | 3.627  | 901953   | 1100544  | 8.159  | 12.410 # |
| 25)                         | Chlordane-3     | 5.717f | 4.855f | 2753529  | 2353391  | 6.378  | 8.283 #  |
| 26)                         | Chlordane-4     | 5.775  | 4.879  | 1737991  | 1235322  | 3.343  | 4.140    |
| 27)                         | Chlordane-5     | 6.594f | 5.767f | 252932   | 830600   | 2.694  | 8.414 #  |
| -----                       |                 |        |        |          |          |        |          |

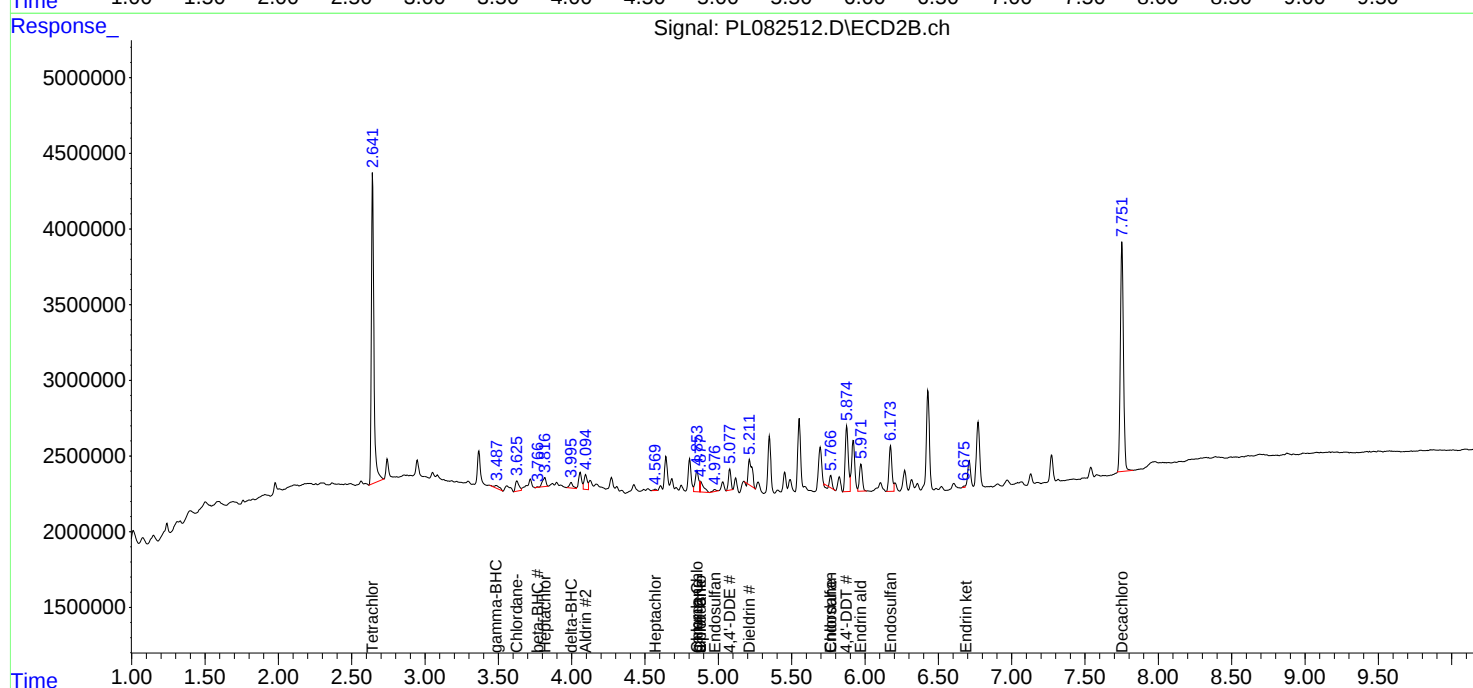
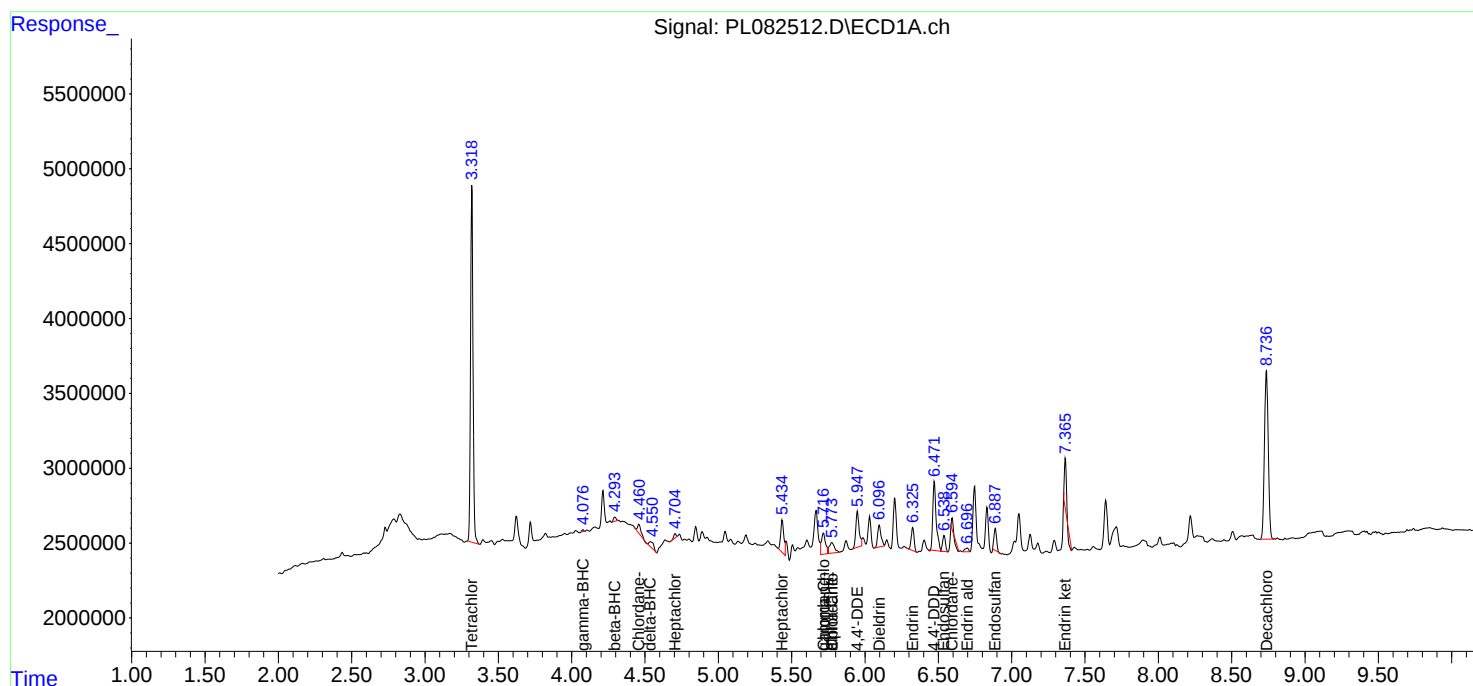
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

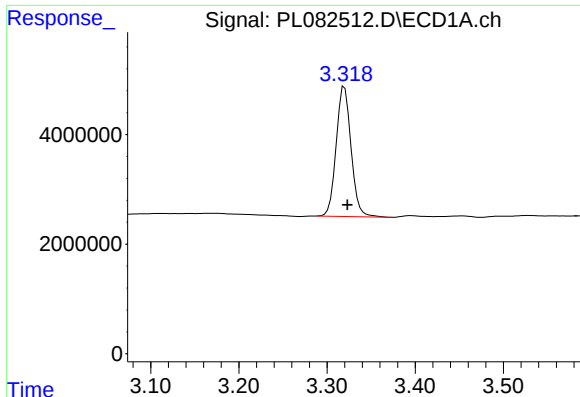
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
Data File : PL082512.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2023 16:35  
Operator : AR\AJ  
Sample : 02588-05  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 21:18:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

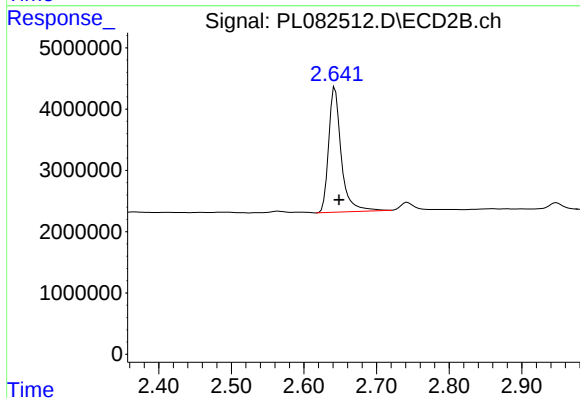




#1 Tetrachloro-m-xylene

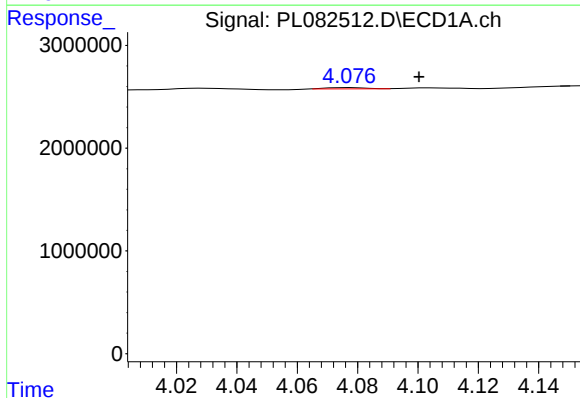
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 27837771  
Conc: 10.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



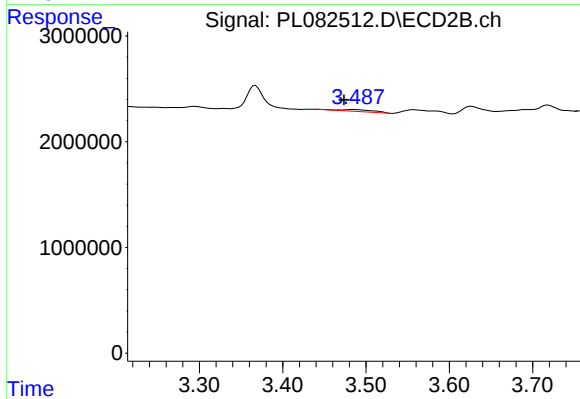
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.005 min  
Response: 24696605  
Conc: 10.66 ng/ml



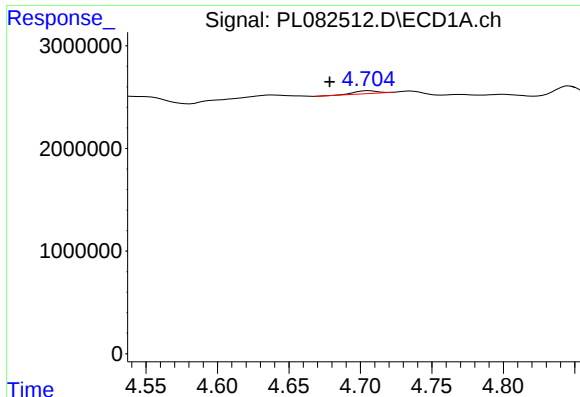
#3 gamma-BHC (Lindane)

R.T.: 4.078 min  
Delta R.T.: -0.023 min  
Response: 109555  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

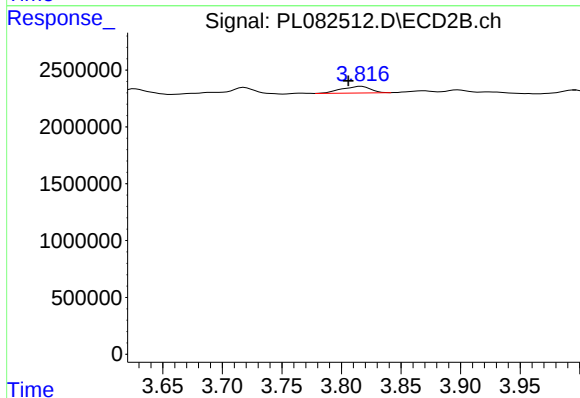
R.T.: 3.485 min  
Delta R.T.: 0.012 min  
Response: 512105  
Conc: 0.16 ng/ml



#4 Heptachlor

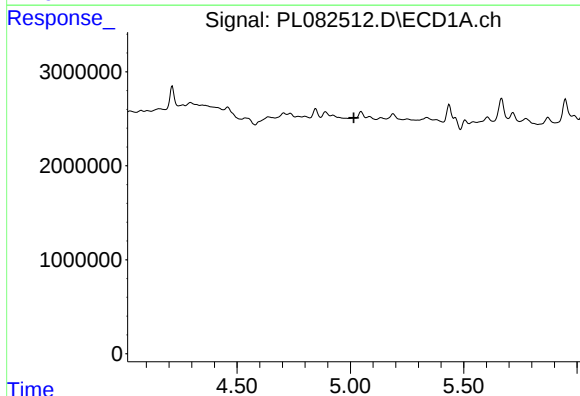
R.T.: 4.706 min  
Delta R.T.: 0.027 min  
Response: 359463  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



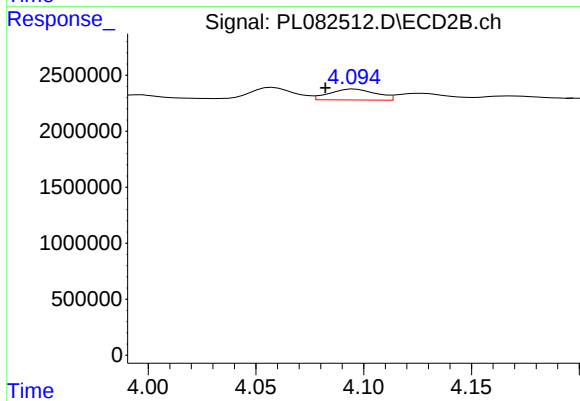
#4 Heptachlor

R.T.: 3.817 min  
Delta R.T.: 0.011 min  
Response: 983597  
Conc: 0.29 ng/ml



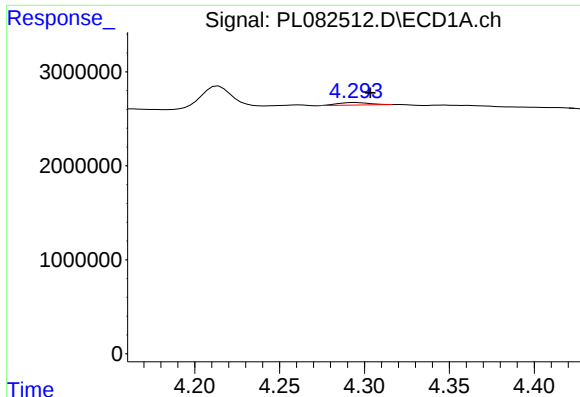
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.016 min  
Response: 0  
Conc: N.D.



#5 Aldrin

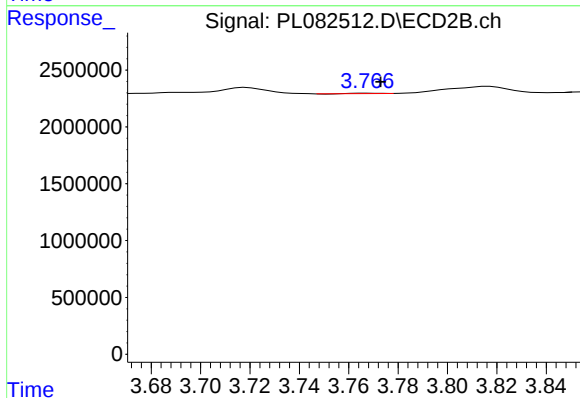
R.T.: 4.096 min  
Delta R.T.: 0.013 min  
Response: 1456747  
Conc: 0.46 ng/ml



#6 beta-BHC

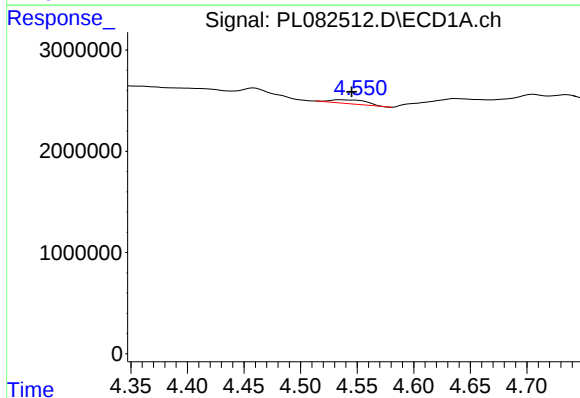
R.T.: 4.295 min  
Delta R.T.: -0.009 min  
Response: 342896  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



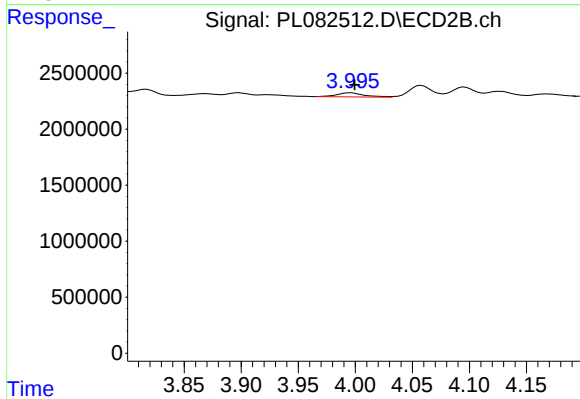
#6 beta-BHC

R.T.: 3.768 min  
Delta R.T.: -0.005 min  
Response: 9089  
Conc: 0.01 ng/ml



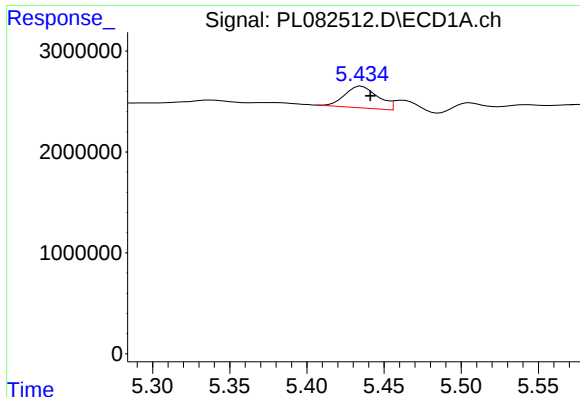
#7 delta-BHC

R.T.: 4.536 min  
Delta R.T.: -0.009 min  
Response: 867440  
Conc: 0.24 ng/ml



#7 delta-BHC

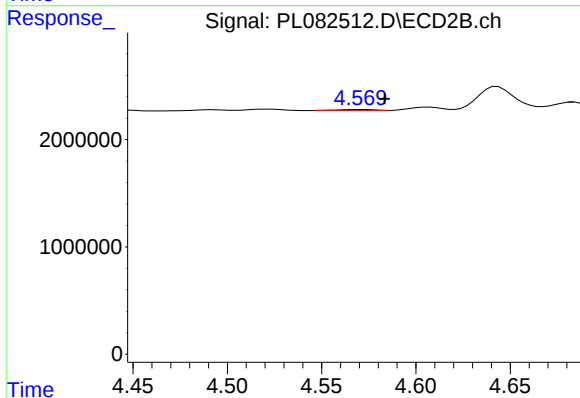
R.T.: 3.996 min  
Delta R.T.: -0.003 min  
Response: 619172  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

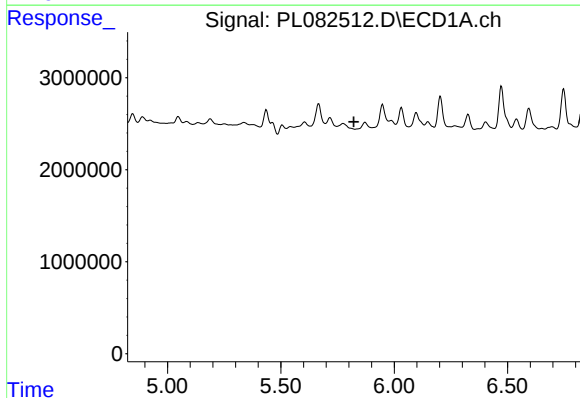
R.T.: 5.435 min  
Delta R.T.: -0.006 min  
Response: 3197686  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



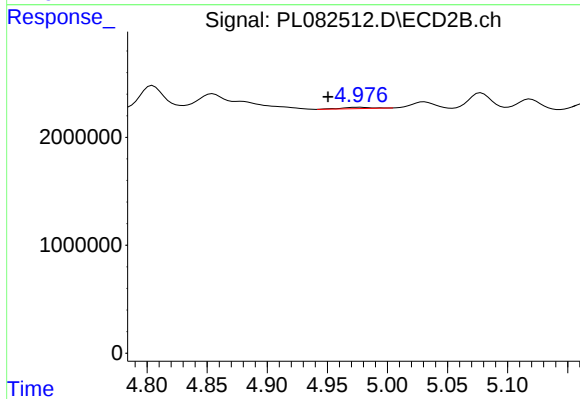
#8 Heptachlor epoxide

R.T.: 4.571 min  
Delta R.T.: -0.013 min  
Response: 119787  
Conc: 0.04 ng/ml



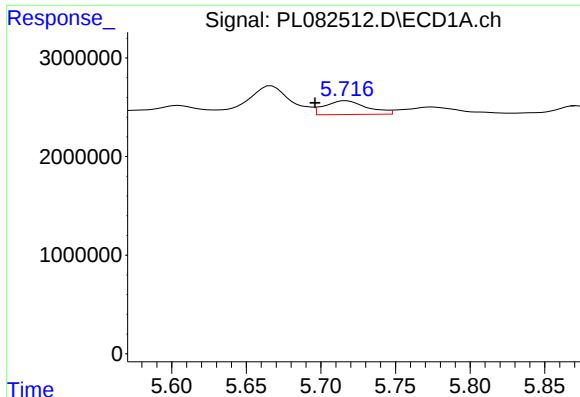
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.822 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

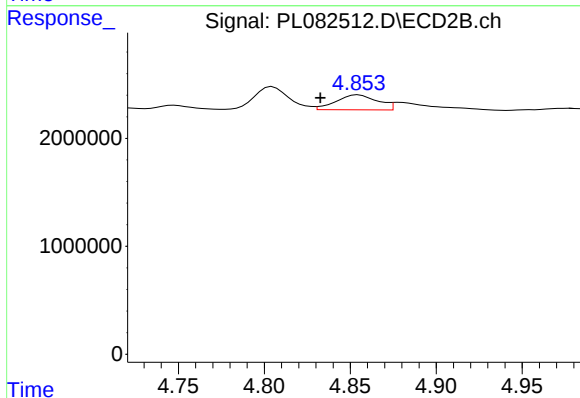
R.T.: 4.977 min  
Delta R.T.: 0.026 min  
Response: 213262  
Conc: 0.08 ng/ml



#10 gamma-Chlordane

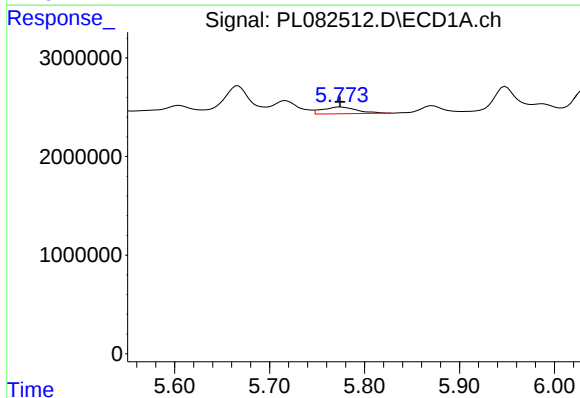
R.T.: 5.717 min  
Delta R.T.: 0.021 min  
Response: 2753529  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



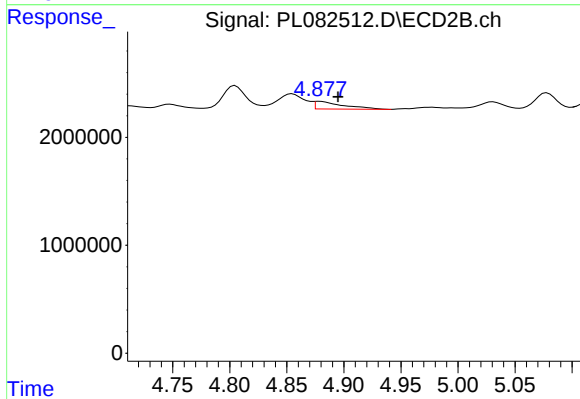
#10 gamma-Chlordane

R.T.: 4.855 min  
Delta R.T.: 0.022 min  
Response: 2353391  
Conc: 0.81 ng/ml



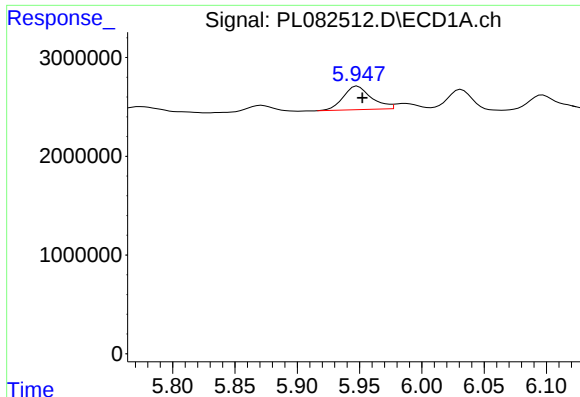
#11 alpha-Chlordane

R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 1737991  
Conc: 0.58 ng/ml



#11 alpha-Chlordane

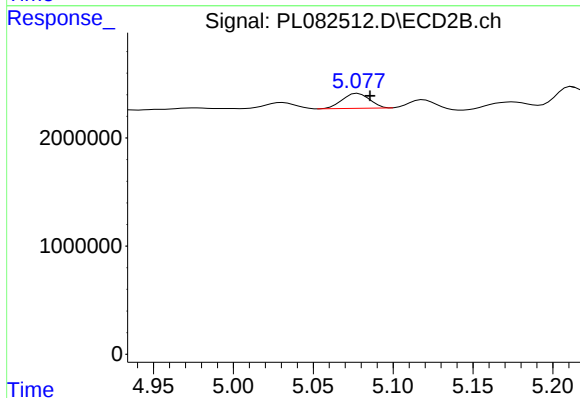
R.T.: 4.879 min  
Delta R.T.: -0.016 min  
Response: 1235322  
Conc: 0.43 ng/ml



#12 4,4'-DDE

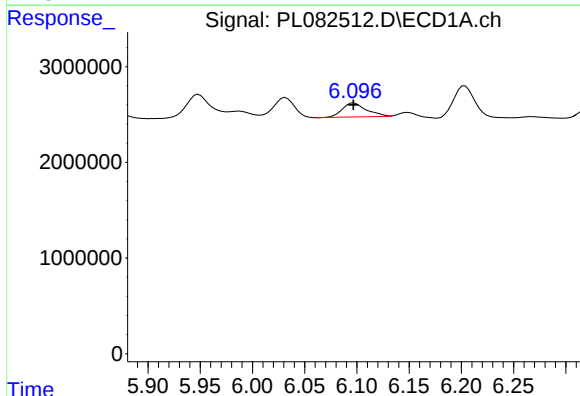
R.T.: 5.949 min  
Delta R.T.: -0.004 min  
Response: 3760562  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



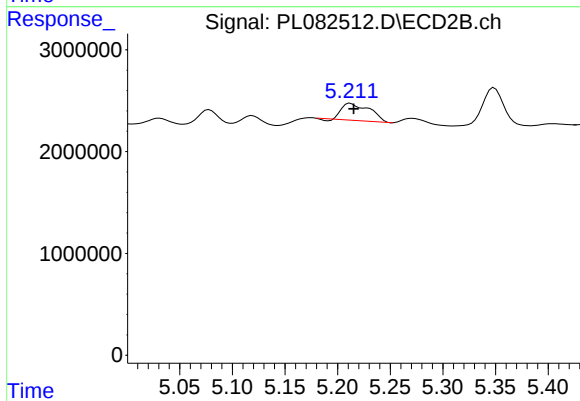
#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: -0.008 min  
Response: 1638765  
Conc: 0.71 ng/ml



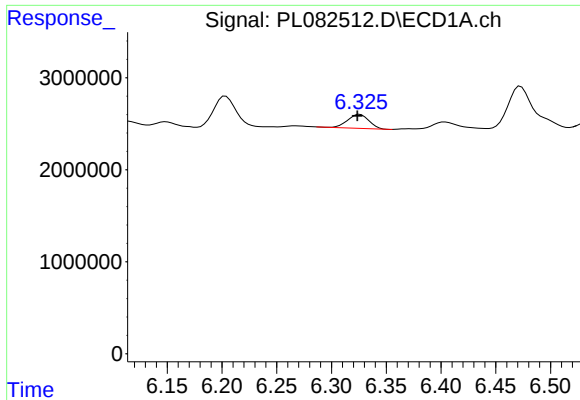
#13 Dieldrin

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 2340698  
Conc: 0.85 ng/ml



#13 Dieldrin

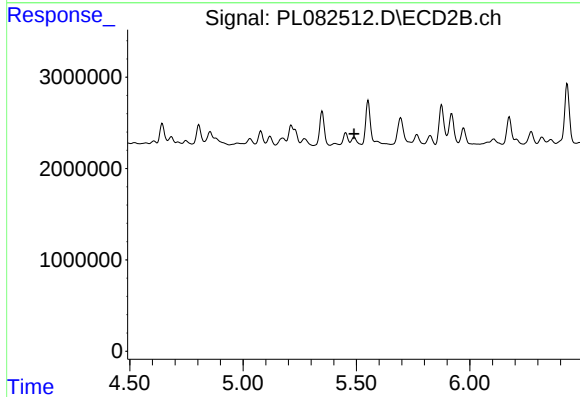
R.T.: 5.212 min  
Delta R.T.: -0.003 min  
Response: 3052816  
Conc: 1.13 ng/ml



#14 Endrin

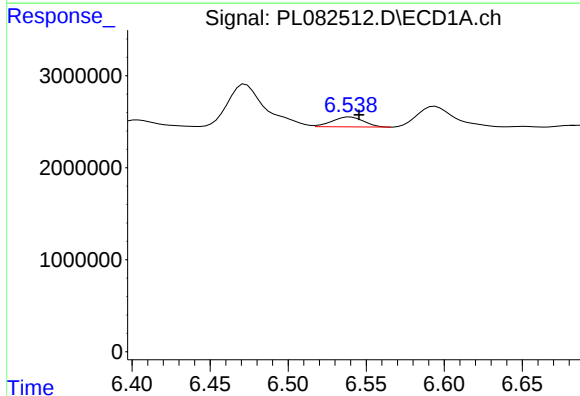
R.T.: 6.326 min  
Delta R.T.: 0.002 min  
Response: 2049961  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



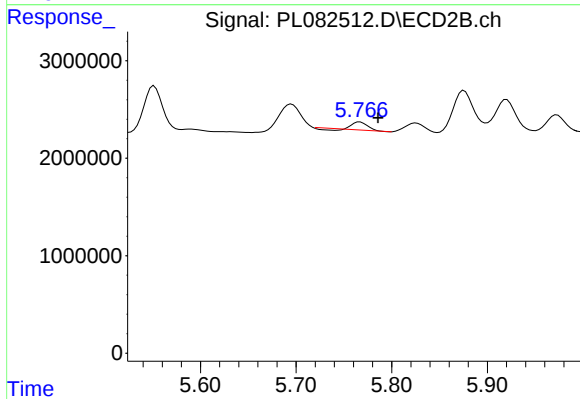
#14 Endrin

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: -239231  
Conc: N.D.



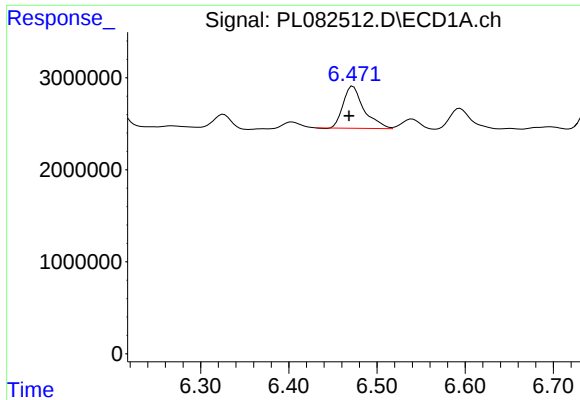
#15 Endosulfan II

R.T.: 6.540 min  
Delta R.T.: -0.006 min  
Response: 1503687  
Conc: 0.62 ng/ml



#15 Endosulfan II

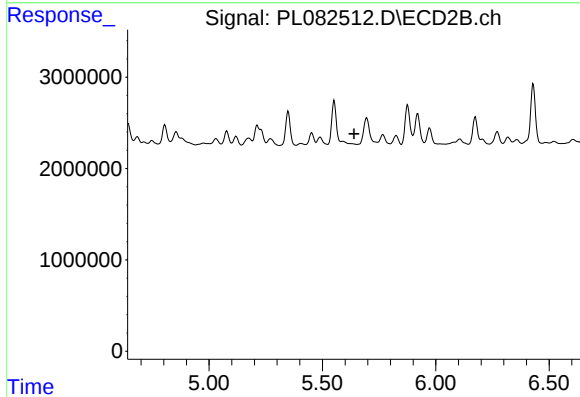
R.T.: 5.767 min  
Delta R.T.: -0.019 min  
Response: 830600  
Conc: 0.37 ng/ml



#16 4,4'-DDD

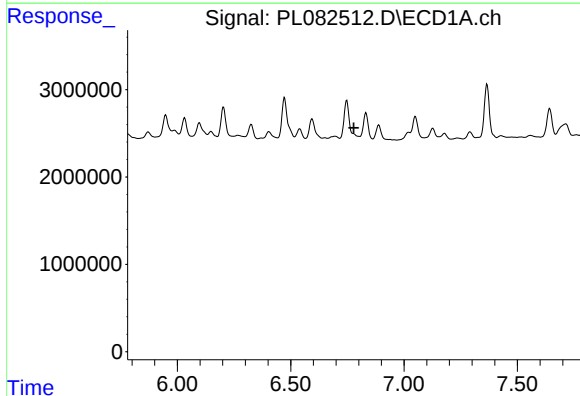
R.T.: 6.473 min  
Delta R.T.: 0.005 min  
Response: 7471194  
Conc: 3.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



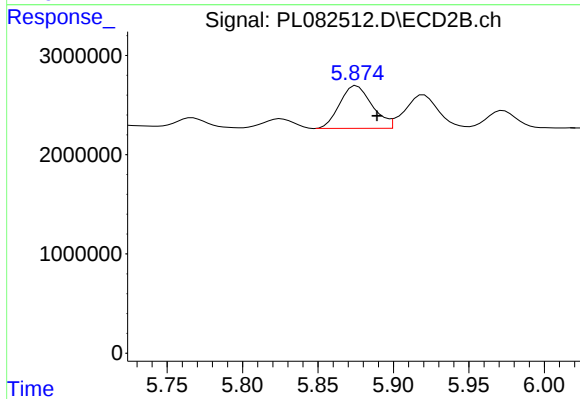
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.640 min  
Response: 0  
Conc: N.D.



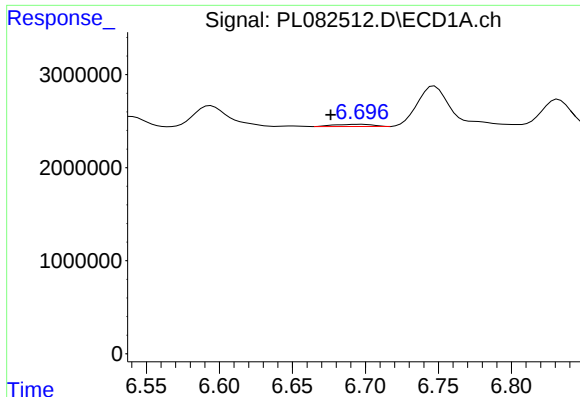
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.779 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

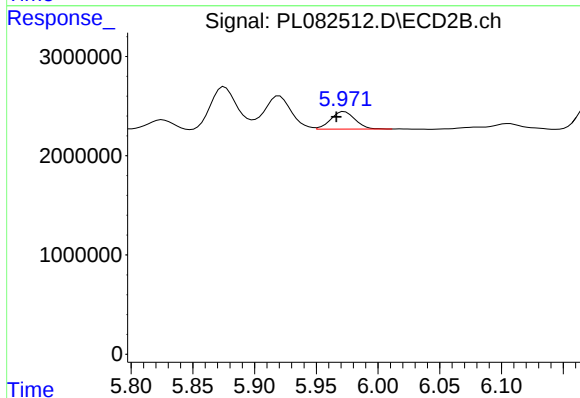
R.T.: 5.876 min  
Delta R.T.: -0.013 min  
Response: 6444874  
Conc: 3.05 ng/ml



#18 Endrin aldehyde

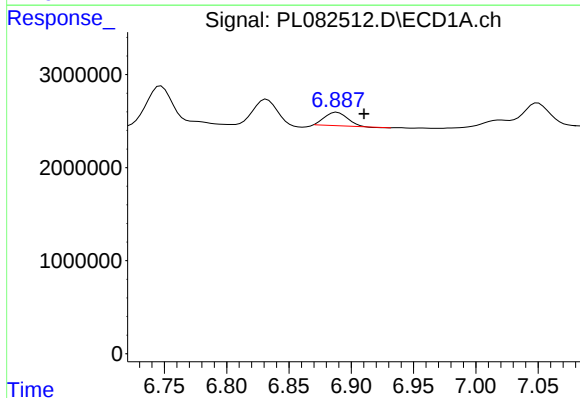
R.T.: 6.697 min  
Delta R.T.: 0.021 min  
Response: 435804  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



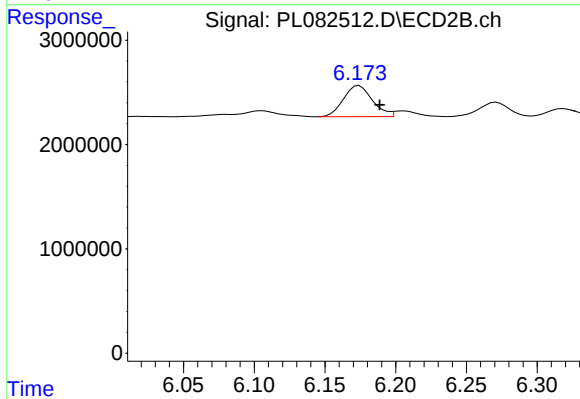
#18 Endrin aldehyde

R.T.: 5.973 min  
Delta R.T.: 0.006 min  
Response: 2443327  
Conc: 1.31 ng/ml



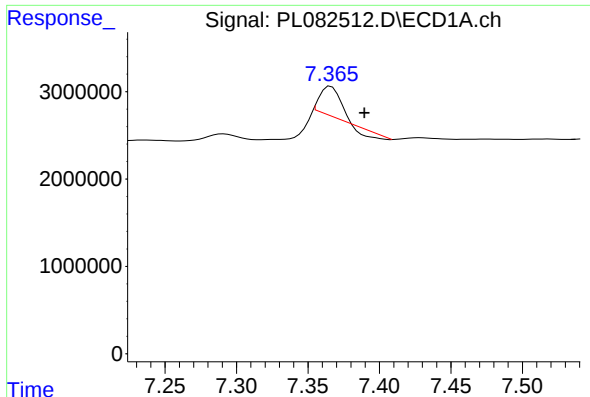
#19 Endosulfan Sulfate

R.T.: 6.889 min  
Delta R.T.: -0.022 min  
Response: 1838610  
Conc: 0.78 ng/ml



#19 Endosulfan Sulfate

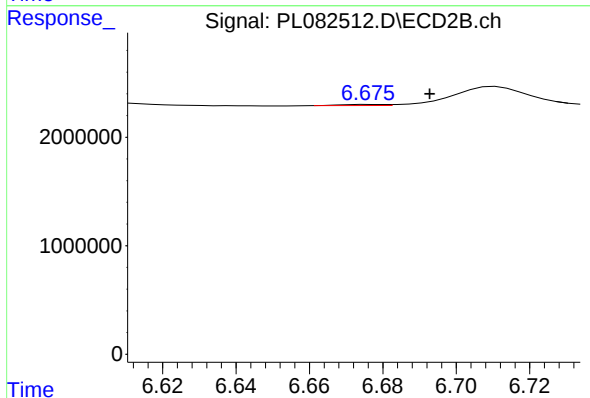
R.T.: 6.174 min  
Delta R.T.: -0.014 min  
Response: 4264056  
Conc: 1.81 ng/ml



#21 Endrin ketone

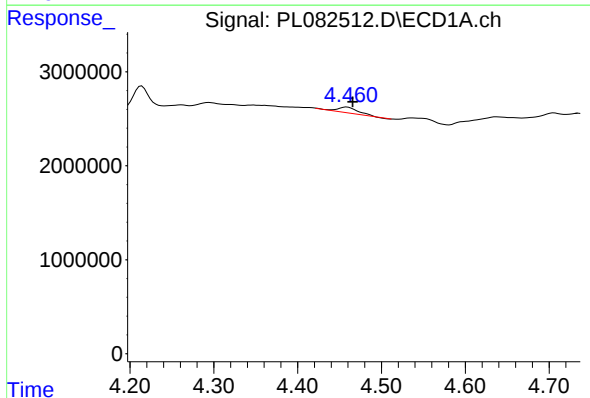
R.T.: 7.366 min  
Delta R.T.: -0.023 min  
Response: 2630701  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



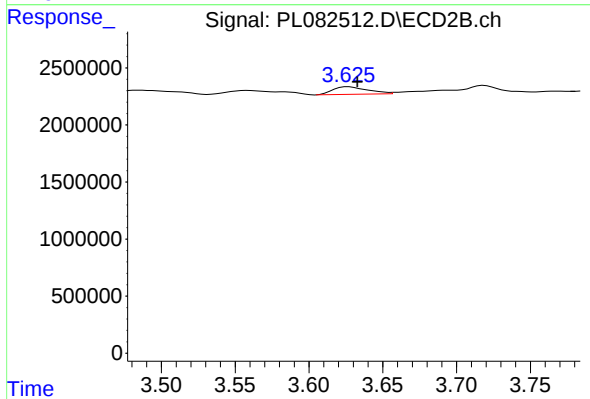
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: -0.016 min  
Response: 81316  
Conc: 0.03 ng/ml



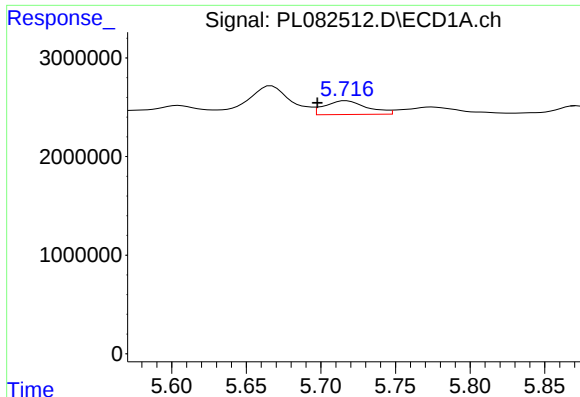
#23 Chlordane-1

R.T.: 4.459 min  
Delta R.T.: -0.007 min  
Response: 901953  
Conc: 8.16 ng/ml



#23 Chlordane-1

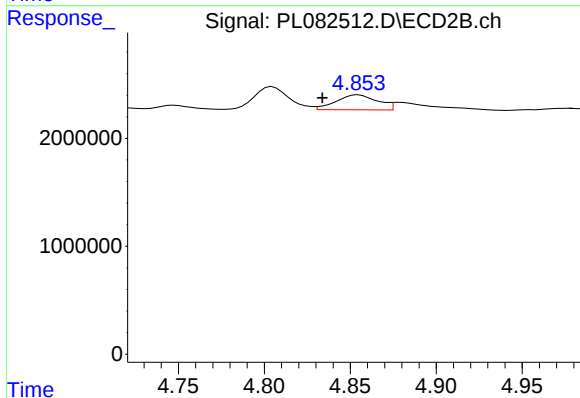
R.T.: 3.627 min  
Delta R.T.: -0.006 min  
Response: 1100544  
Conc: 12.41 ng/ml



#25 Chlordane-3

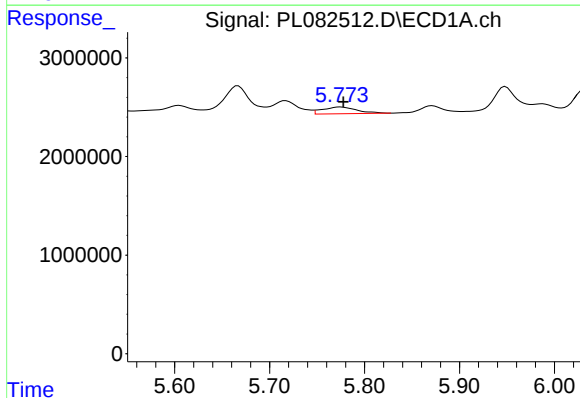
R.T.: 5.717 min  
Delta R.T.: 0.019 min  
Response: 2753529  
Conc: 6.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



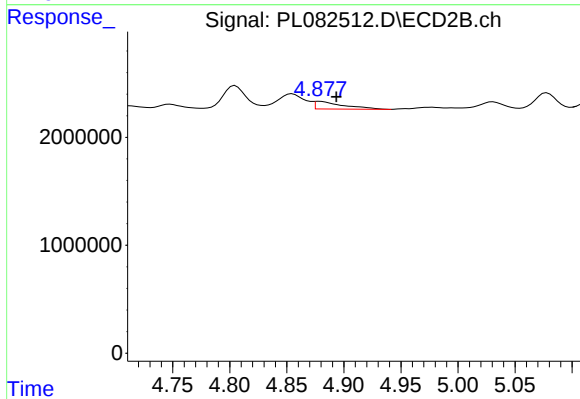
#25 Chlordane-3

R.T.: 4.855 min  
Delta R.T.: 0.021 min  
Response: 2353391  
Conc: 8.28 ng/ml



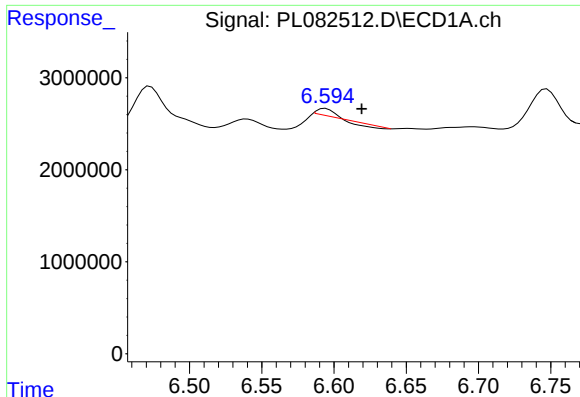
#26 Chlordane-4

R.T.: 5.775 min  
Delta R.T.: -0.003 min  
Response: 1737991  
Conc: 3.34 ng/ml



#26 Chlordane-4

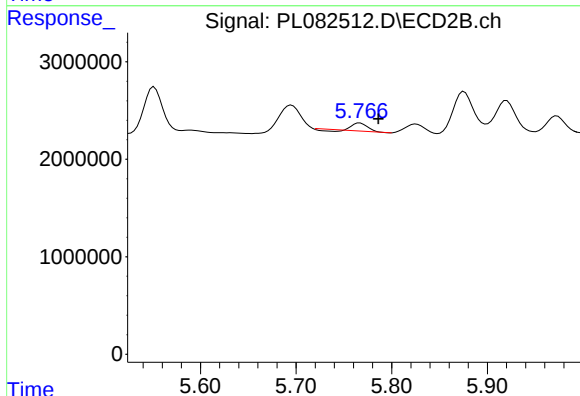
R.T.: 4.879 min  
Delta R.T.: -0.015 min  
Response: 1235322  
Conc: 4.14 ng/ml



#27 Chlordane-5

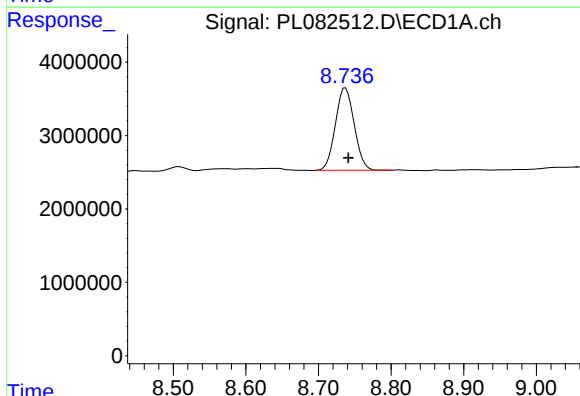
R.T.: 6.594 min  
Delta R.T.: -0.025 min  
Response: 252932  
Conc: 2.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



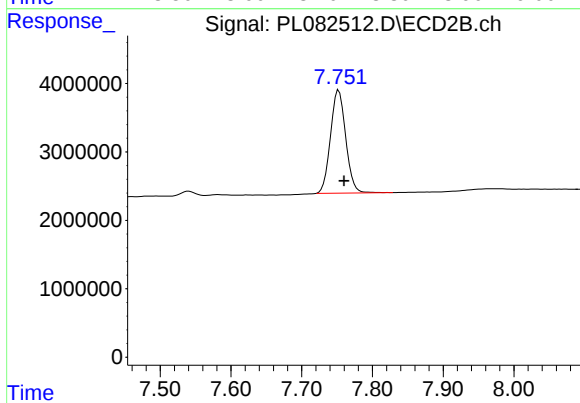
#27 Chlordane-5

R.T.: 5.767 min  
Delta R.T.: -0.019 min  
Response: 830600  
Conc: 8.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.737 min  
Delta R.T.: -0.004 min  
Response: 20228616  
Conc: 10.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: -0.007 min  
Response: 22542443  
Conc: 9.88 ng/ml