

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041523\  
 Data File : PL082067.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Apr 2023 17:33  
 Operator : AR\AJ  
 Sample : 02283-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 13 22:45:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.326  | 2.652  | 37899551 | 36109092 | 16.295 | 18.089   |
| 28)                         | SA Decachlor... | 8.746  | 7.767  | 24993899 | 27944097 | 13.966 | 14.090   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.108  | 3.490  | 93654    | 2239789  | 0.029  | 0.804 #  |
| 4)                          | MA Heptachlor   | 4.716f | 3.828  | 460173   | 848389   | 0.146  | 0.296 #  |
| 5)                          | MB Aldrin       | 5.054f | 4.106  | 286278   | 286224   | 0.100  | 0.107    |
| 7)                          | B delta-BHC     | 4.551  | 4.009  | 3683689  | 401871   | 1.212  | 0.155 #  |
| 8)                          | B Heptachlo...  | 5.443  | 4.588  | 3072892  | 32306    | 1.130  | 0.013 #  |
| 9)                          | A Endosulfan I  | 5.818f | 4.995f | 3129856  | 526755   | 1.267  | 0.239 #  |
| 10)                         | B gamma-Chl...  | 5.711  | 4.842  | 791889   | 575549   | 0.302  | 0.237    |
| 11)                         | B alpha-Chl...  | 5.772f | 0.000  | 618048   | 0        | 0.239  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.957  | 5.090  | 1613372  | 1091925  | 0.716  | 0.554    |
| 13)                         | MA Dieldrin     | 6.100  | 5.223  | 339402   | 1450508  | 0.140  | 0.645 #  |
| 14)                         | MA Endrin       | 6.330  | 5.502  | 509469   | -145068  | 0.241  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.539f | 5.828f | 247281   | 582279   | 0.117  | 0.321 #  |
| 16)                         | A 4,4'-DDD      | 6.473  | 5.638f | 454681   | 199629   | 0.252  | 0.132 #  |
| 17)                         | MA 4,4'-DDT     | 6.789  | 5.889f | 796135   | 1013425  | 0.392  | 0.588 #  |
| 18)                         | B Endrin al...  | 6.684  | 5.987  | 222397   | 227419   | 0.136  | 0.146    |
| 19)                         | B Endosulfa...  | 6.910  | 6.189f | 375577   | 127341   | 0.180  | 0.065 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.485  | 0        | 973361   | N.D.   | 0.977 #  |
| 21)                         | B Endrin ke...  | 7.431f | 0.000  | 227130   | 0        | 0.108  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.870  | 0        | 119608   | N.D.   | 0.062 #  |
| 23)                         | Chlordane-1     | 4.464  | 3.624f | 1540046  | 916493   | 15.491 | 11.899   |
| 25)                         | Chlordane-3     | 5.711  | 4.842  | 791889   | 575549   | 1.999  | 2.285    |
| 26)                         | Chlordane-4     | 5.772  | 0.000  | 618048   | 0        | 1.291  | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.585  | 0        | 1825850  | N.D.   | 27.357 # |
| -----                       |                 |        |        |          |          |        |          |

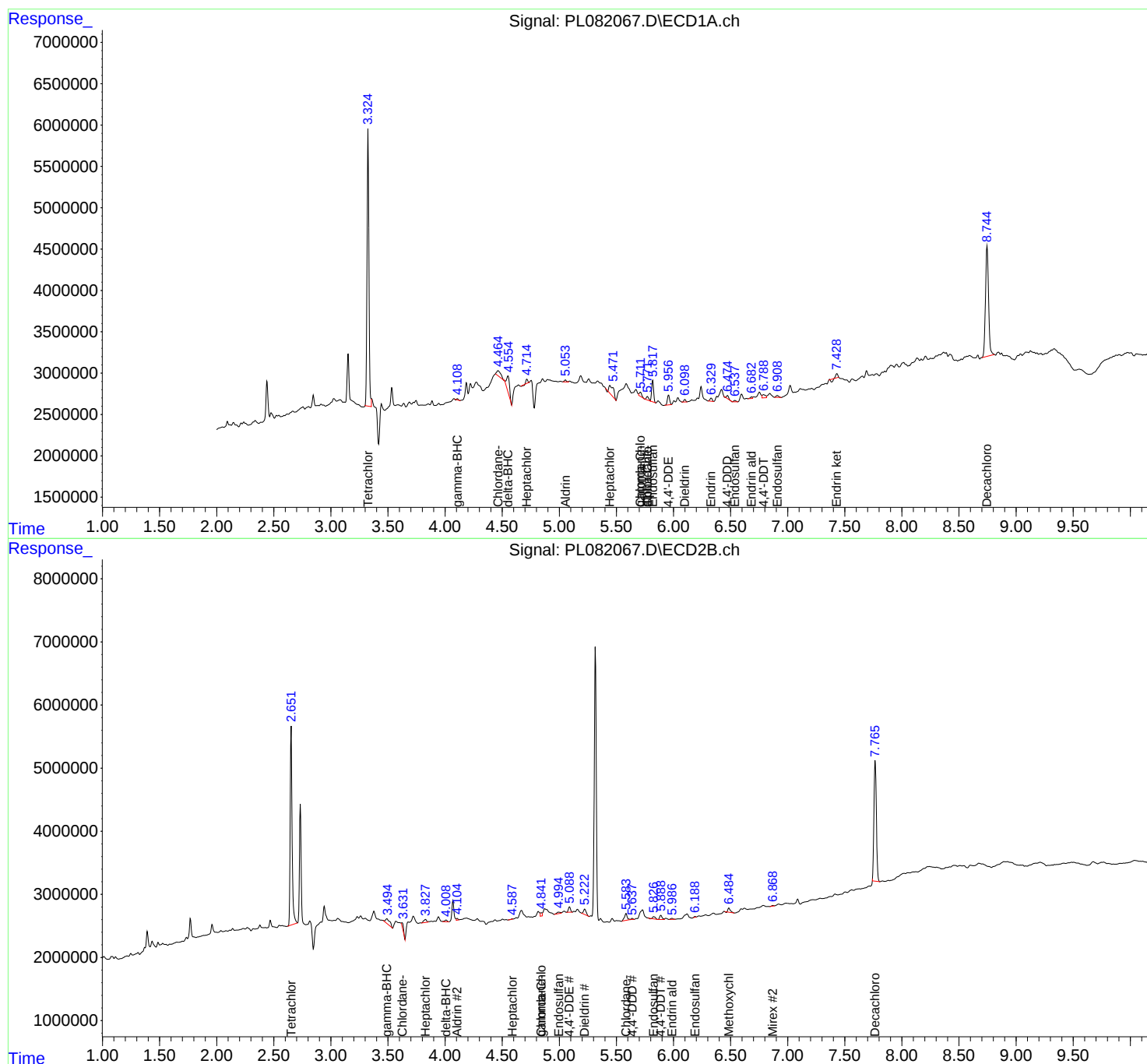
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

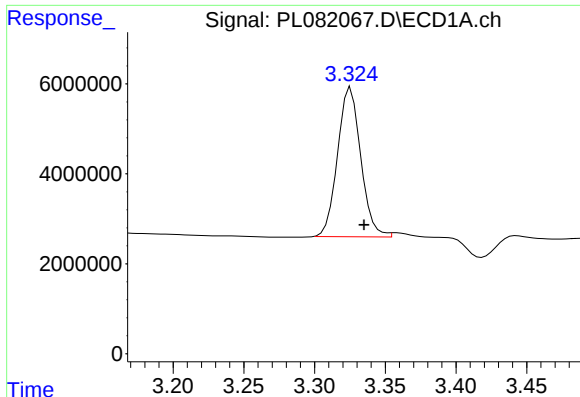
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041523\  
Data File : PL082067.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Apr 2023 17:33  
Operator : AR\AJ  
Sample : 02283-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 22:45:49 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

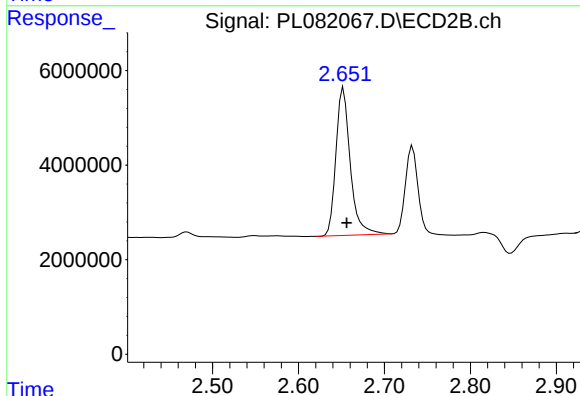




#1 Tetrachloro-m-xylene

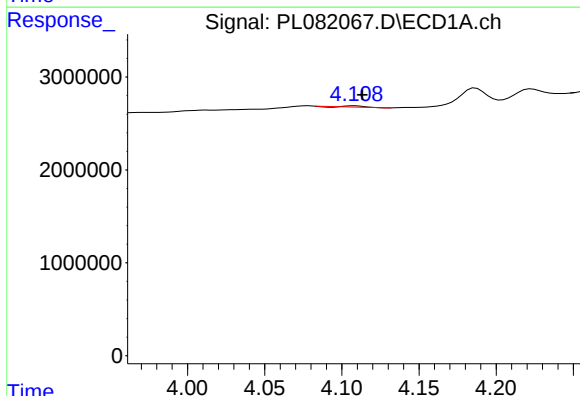
R.T.: 3.326 min  
Delta R.T.: -0.009 min  
Response: 37899551  
Conc: 16.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



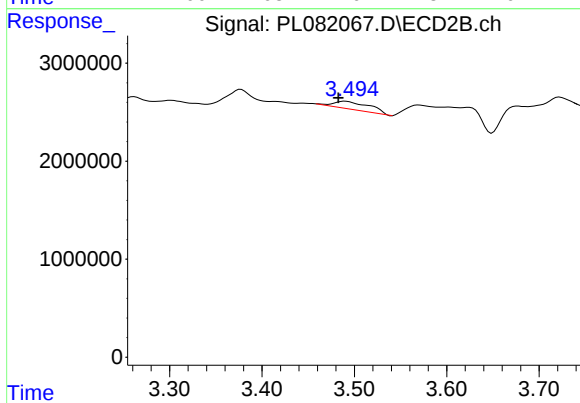
#1 Tetrachloro-m-xylene

R.T.: 2.652 min  
Delta R.T.: -0.004 min  
Response: 36109092  
Conc: 18.09 ng/ml



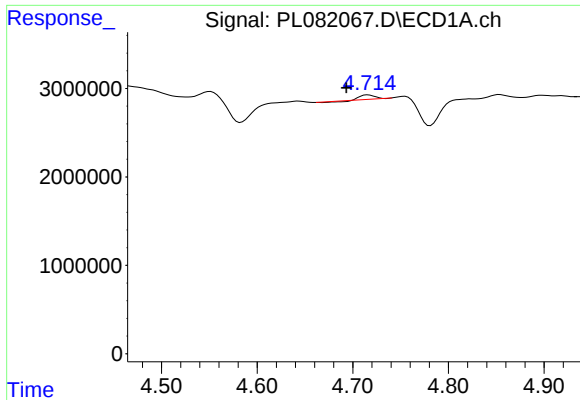
#3 gamma-BHC (Lindane)

R.T.: 4.108 min  
Delta R.T.: -0.005 min  
Response: 93654  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

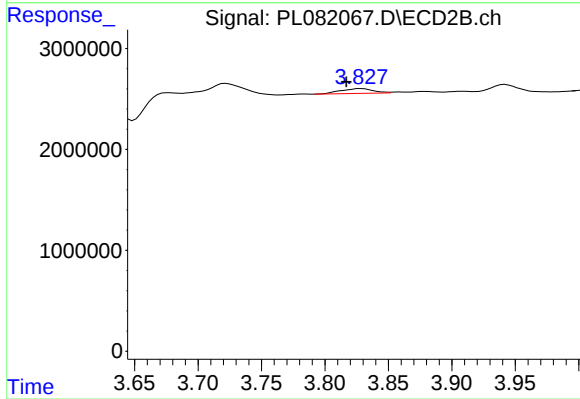
R.T.: 3.490 min  
Delta R.T.: 0.008 min  
Response: 2239789  
Conc: 0.80 ng/ml



#4 Heptachlor

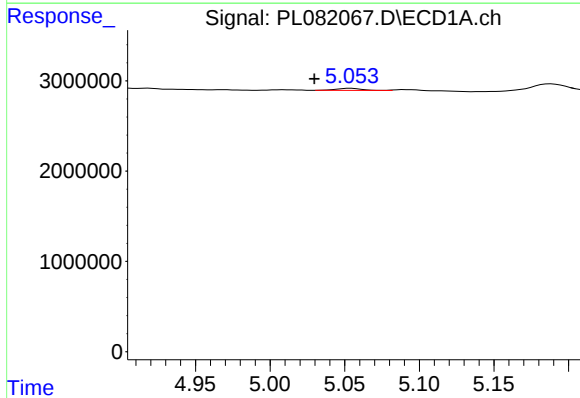
R.T.: 4.716 min  
Delta R.T.: 0.023 min  
Response: 460173  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



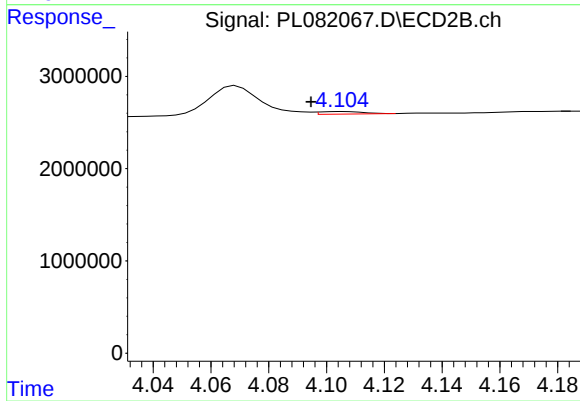
#4 Heptachlor

R.T.: 3.828 min  
Delta R.T.: 0.011 min  
Response: 848389  
Conc: 0.30 ng/ml



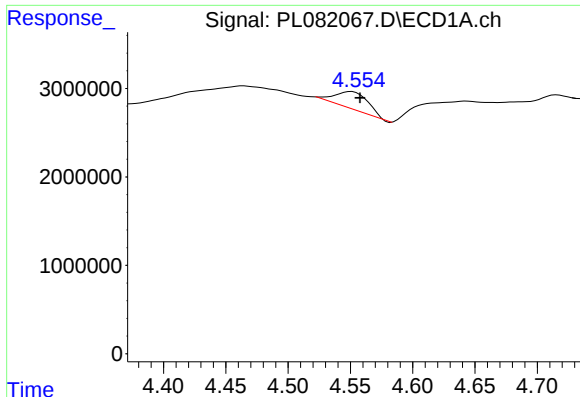
#5 Aldrin

R.T.: 5.054 min  
Delta R.T.: 0.024 min  
Response: 286278  
Conc: 0.10 ng/ml



#5 Aldrin

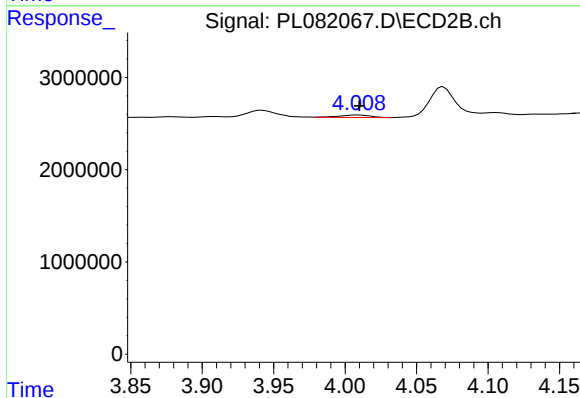
R.T.: 4.106 min  
Delta R.T.: 0.011 min  
Response: 286224  
Conc: 0.11 ng/ml



#7 delta-BHC

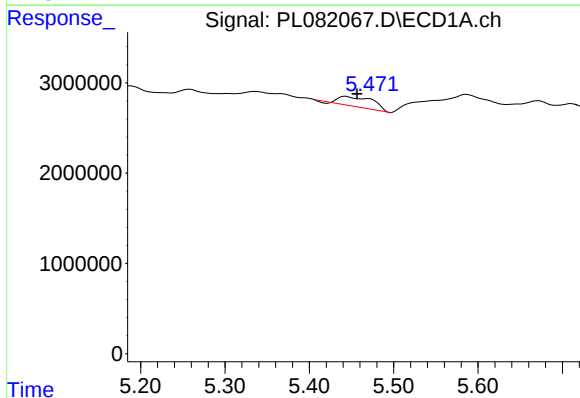
R.T.: 4.551 min  
Delta R.T.: -0.007 min  
Response: 3683689  
Conc: 1.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



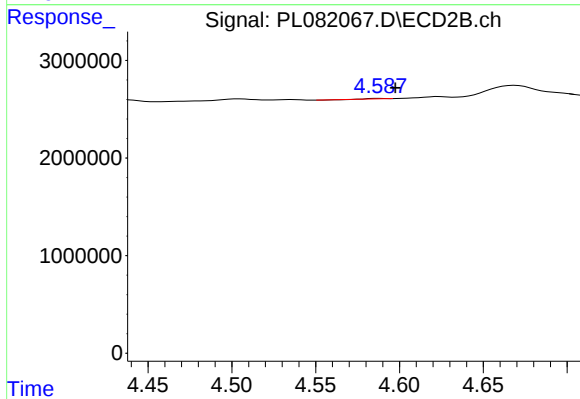
#7 delta-BHC

R.T.: 4.009 min  
Delta R.T.: -0.001 min  
Response: 401871  
Conc: 0.16 ng/ml



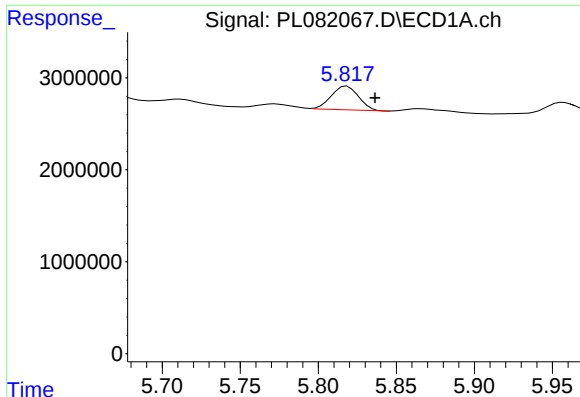
#8 Heptachlor epoxide

R.T.: 5.443 min  
Delta R.T.: -0.013 min  
Response: 3072892  
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

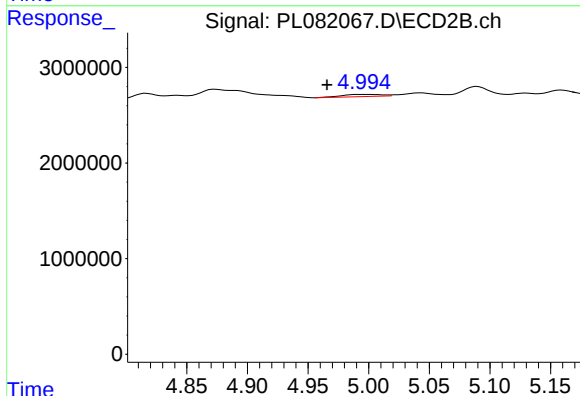
R.T.: 4.588 min  
Delta R.T.: -0.009 min  
Response: 32306  
Conc: 0.01 ng/ml



#9 Endosulfan I

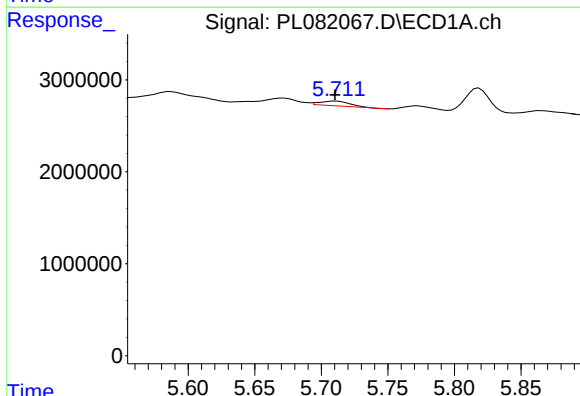
R.T.: 5.818 min  
Delta R.T.: -0.018 min  
Response: 3129856  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



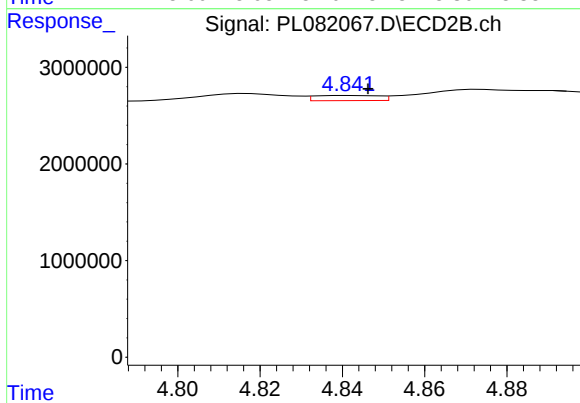
#9 Endosulfan I

R.T.: 4.995 min  
Delta R.T.: 0.029 min  
Response: 526755  
Conc: 0.24 ng/ml



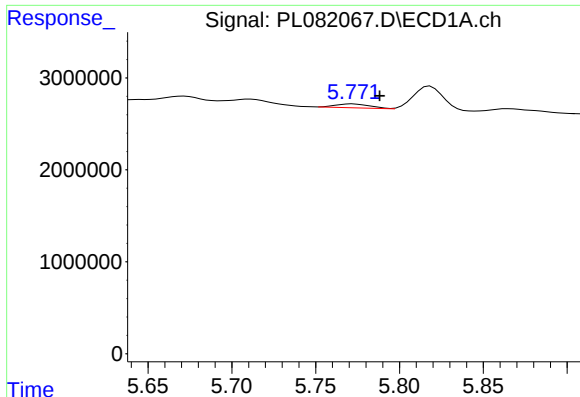
#10 gamma-Chlordane

R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 791889  
Conc: 0.30 ng/ml



#10 gamma-Chlordane

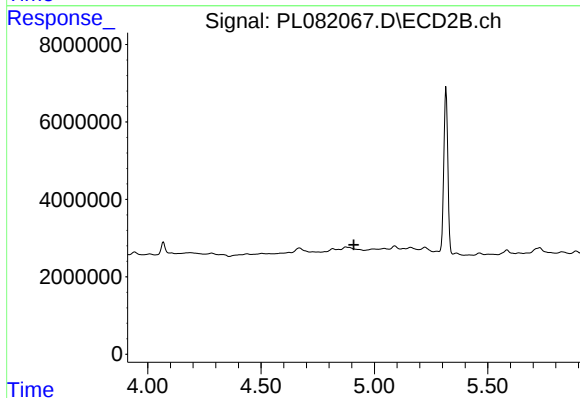
R.T.: 4.842 min  
Delta R.T.: -0.004 min  
Response: 575549  
Conc: 0.24 ng/ml



#11 alpha-Chlordane

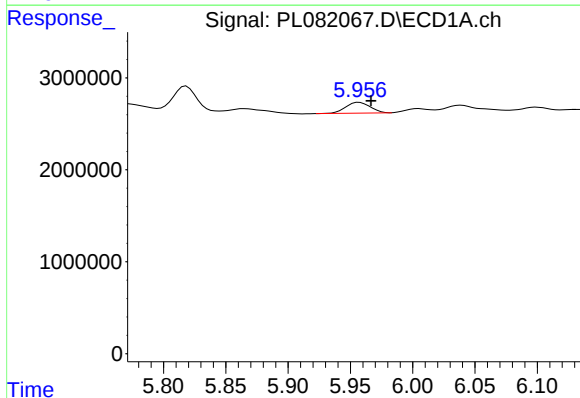
R.T.: 5.772 min  
Delta R.T.: -0.016 min  
Response: 618048  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



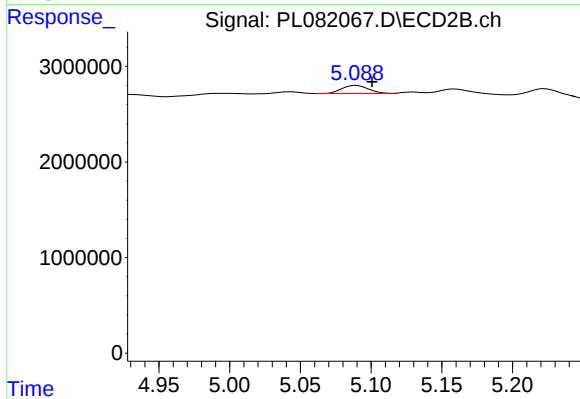
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.910 min  
Response: 0  
Conc: N.D.



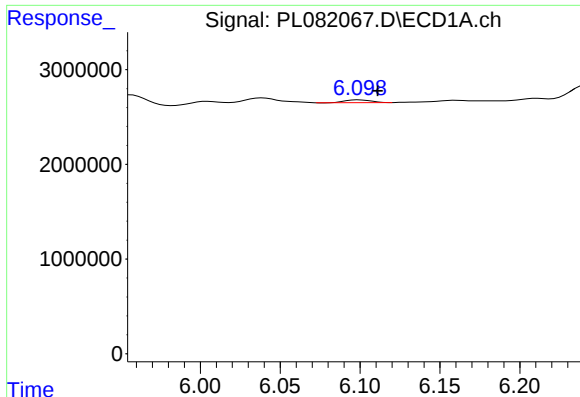
#12 4,4'-DDE

R.T.: 5.957 min  
Delta R.T.: -0.010 min  
Response: 1613372  
Conc: 0.72 ng/ml



#12 4,4'-DDE

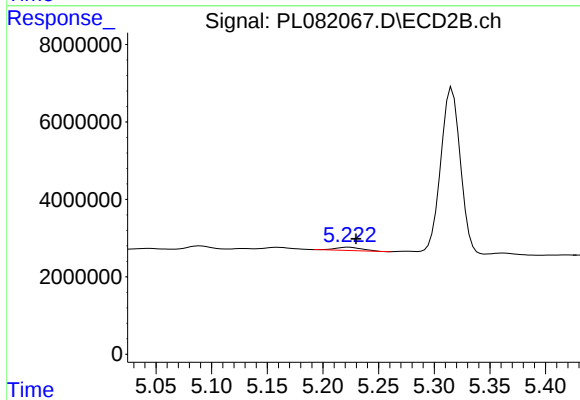
R.T.: 5.090 min  
Delta R.T.: -0.011 min  
Response: 1091925  
Conc: 0.55 ng/ml



#13 Dieldrin

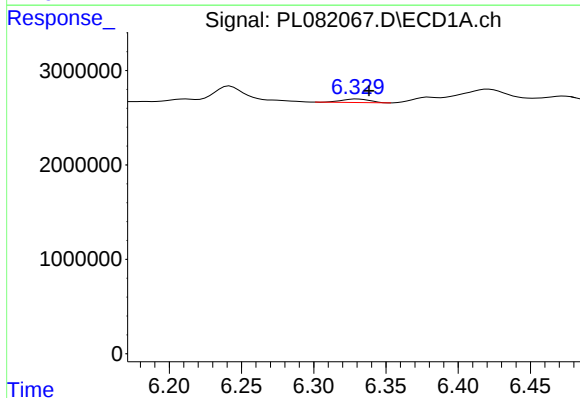
R.T.: 6.100 min  
Delta R.T.: -0.011 min  
Response: 339402  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



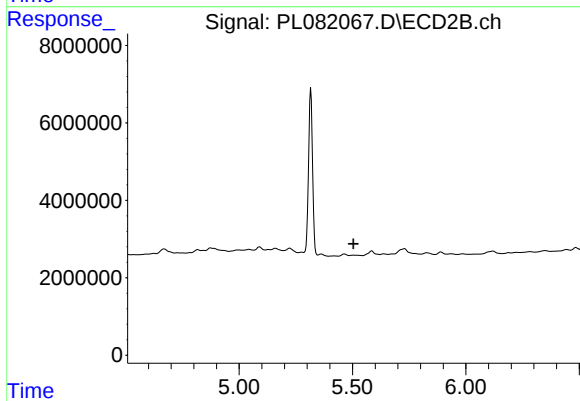
#13 Dieldrin

R.T.: 5.223 min  
Delta R.T.: -0.007 min  
Response: 1450508  
Conc: 0.64 ng/ml



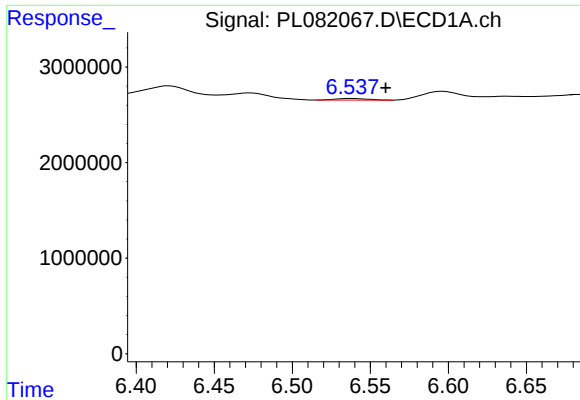
#14 Endrin

R.T.: 6.330 min  
Delta R.T.: -0.008 min  
Response: 509469  
Conc: 0.24 ng/ml



#14 Endrin

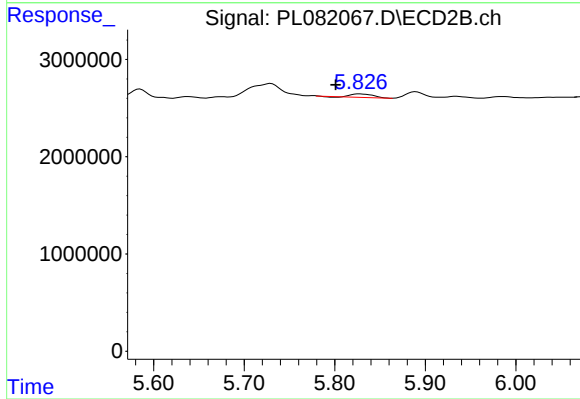
R.T.: 5.502 min  
Delta R.T.: -0.003 min  
Response: -145068  
Conc: N.D.



#15 Endosulfan II

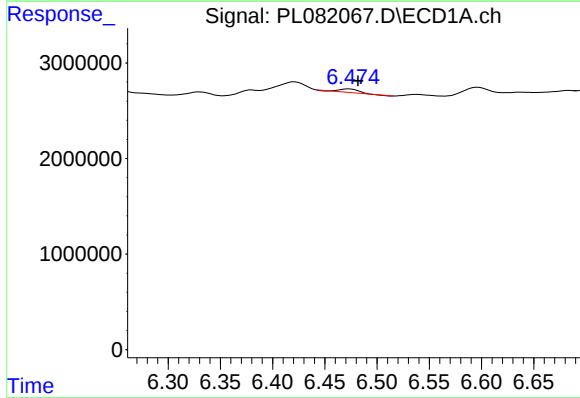
R.T.: 6.539 min  
Delta R.T.: -0.021 min  
Response: 247281  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



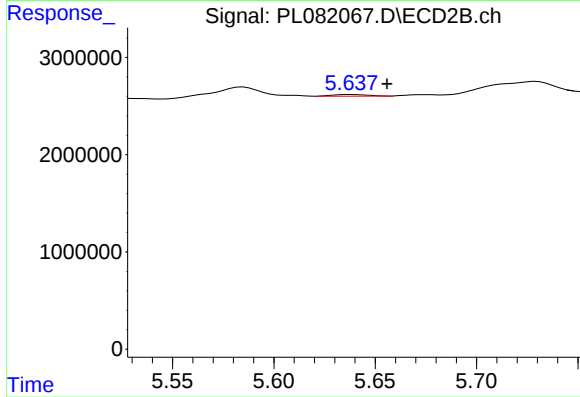
#15 Endosulfan II

R.T.: 5.828 min  
Delta R.T.: 0.026 min  
Response: 582279  
Conc: 0.32 ng/ml



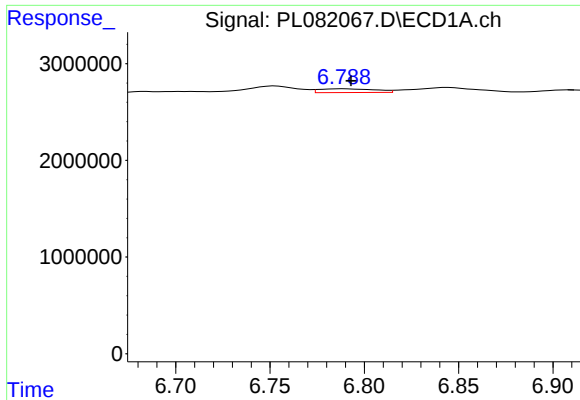
#16 4,4'-DDD

R.T.: 6.473 min  
Delta R.T.: -0.009 min  
Response: 454681  
Conc: 0.25 ng/ml



#16 4,4'-DDD

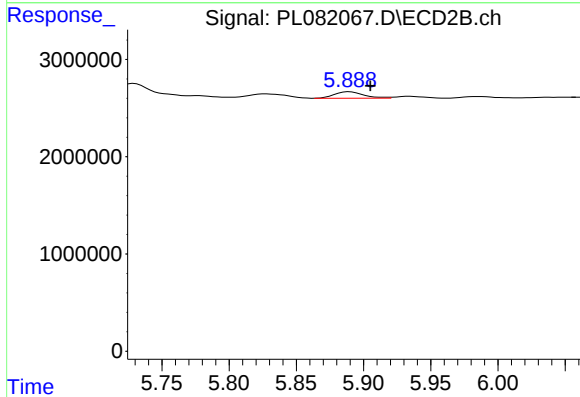
R.T.: 5.638 min  
Delta R.T.: -0.017 min  
Response: 199629  
Conc: 0.13 ng/ml



#17 4,4'-DDT

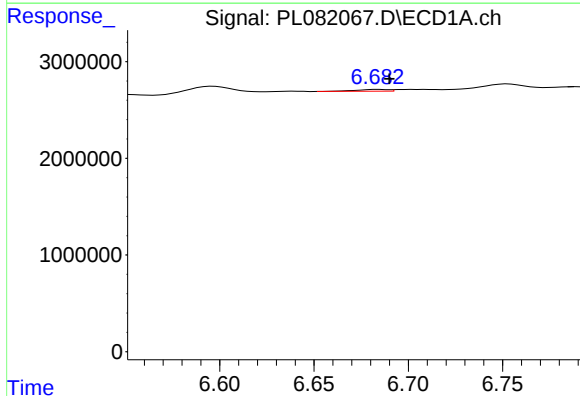
R.T.: 6.789 min  
Delta R.T.: -0.004 min  
Response: 796135  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



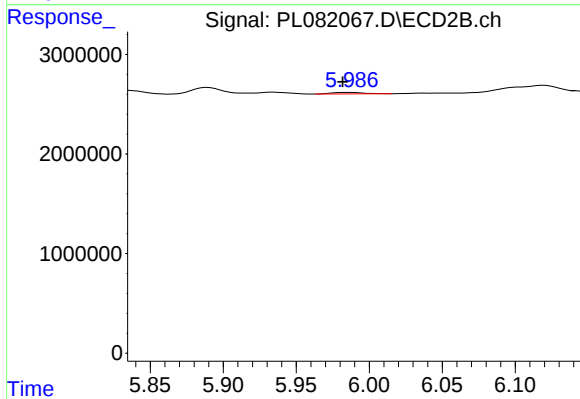
#17 4,4'-DDT

R.T.: 5.889 min  
Delta R.T.: -0.016 min  
Response: 1013425  
Conc: 0.59 ng/ml



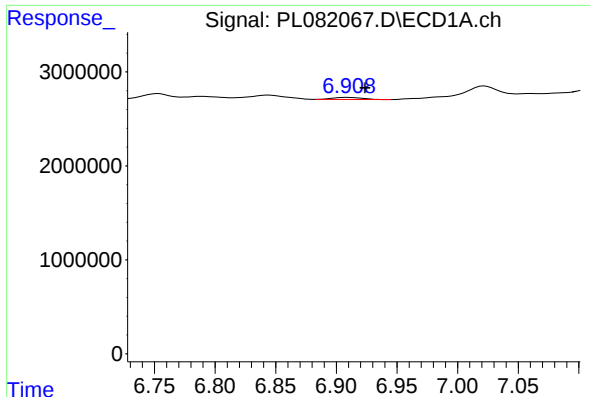
#18 Endrin aldehyde

R.T.: 6.684 min  
Delta R.T.: -0.006 min  
Response: 222397  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

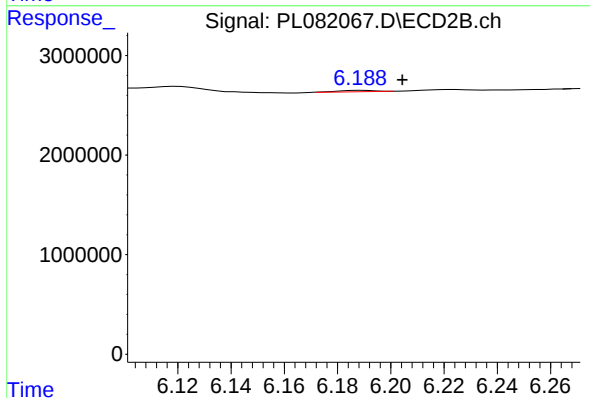
R.T.: 5.987 min  
Delta R.T.: 0.005 min  
Response: 227419  
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

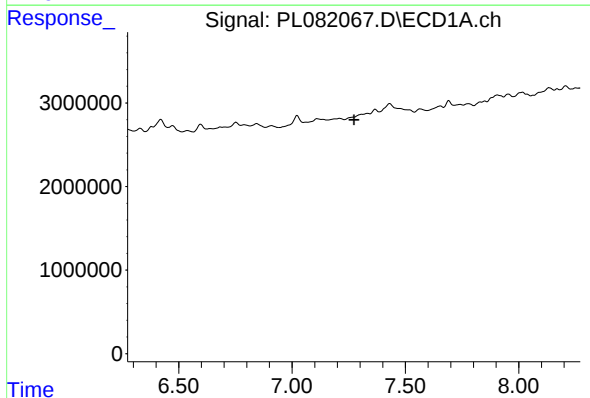
R.T.: 6.910 min  
Delta R.T.: -0.014 min  
Response: 375577  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



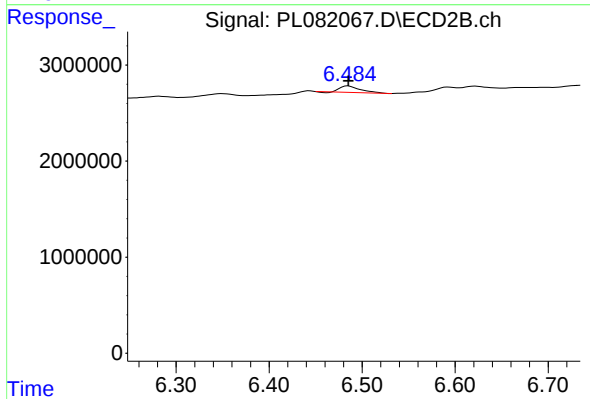
#19 Endosulfan Sulfate

R.T.: 6.189 min  
Delta R.T.: -0.016 min  
Response: 127341  
Conc: 0.07 ng/ml



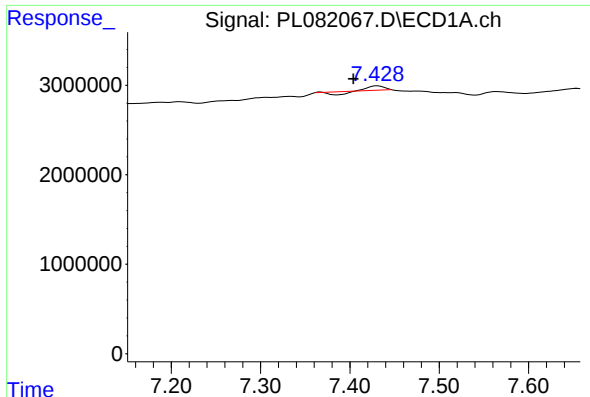
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.274 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

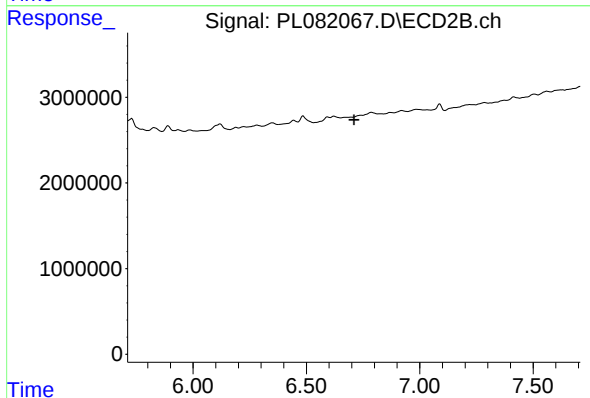
R.T.: 6.485 min  
Delta R.T.: 0.000 min  
Response: 973361  
Conc: 0.98 ng/ml



#21 Endrin ketone

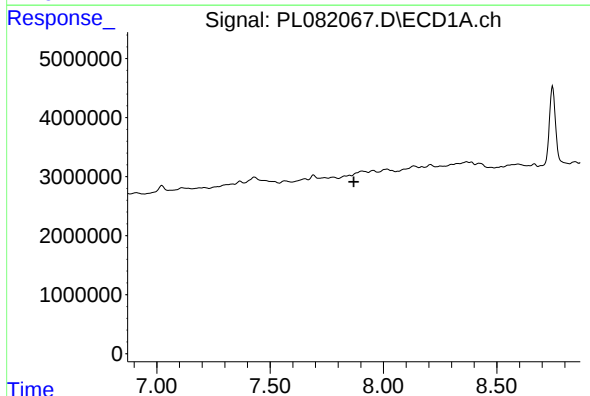
R.T.: 7.431 min  
Delta R.T.: 0.027 min  
Response: 227130  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



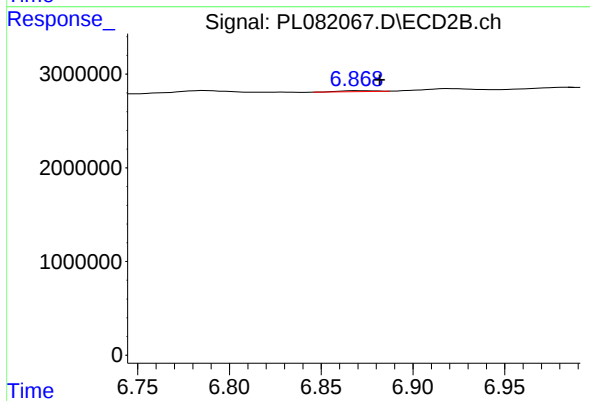
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.710 min  
Response: 0  
Conc: N.D.



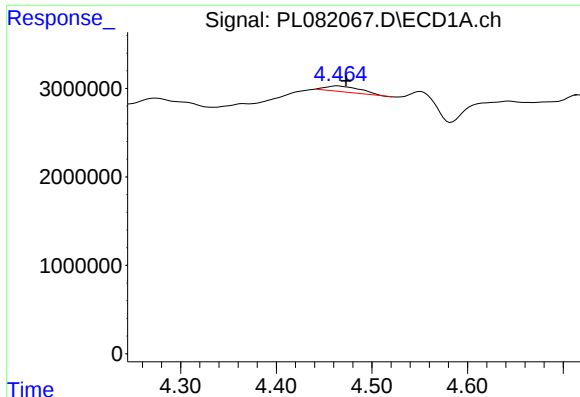
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.869 min  
Response: 0  
Conc: N.D.



#22 Mirex

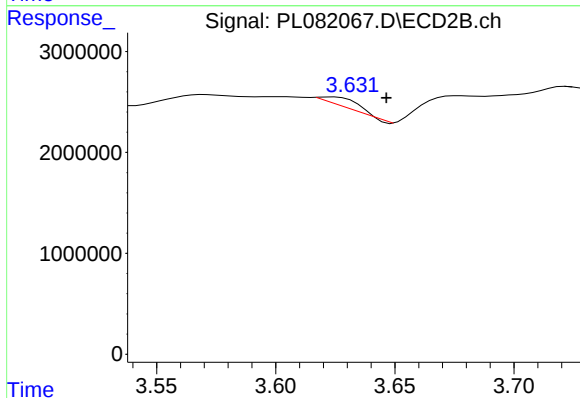
R.T.: 6.870 min  
Delta R.T.: -0.012 min  
Response: 119608  
Conc: 0.06 ng/ml



#23 Chlordane-1

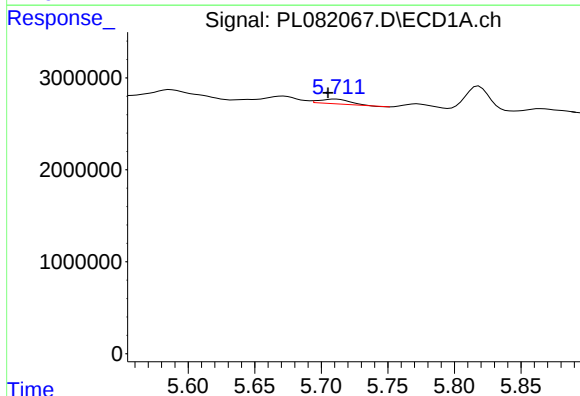
R.T.: 4.464 min  
Delta R.T.: -0.009 min  
Response: 1540046  
Conc: 15.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



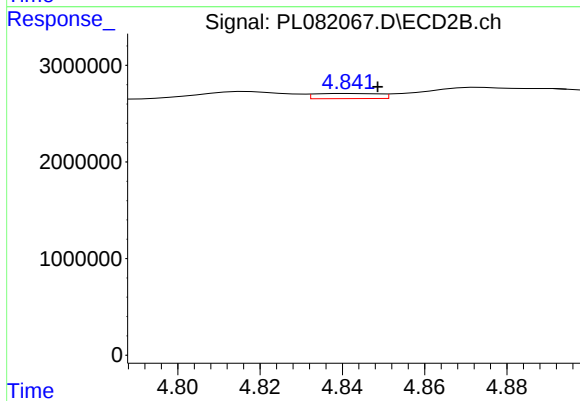
#23 Chlordane-1

R.T.: 3.624 min  
Delta R.T.: -0.022 min  
Response: 916493  
Conc: 11.90 ng/ml



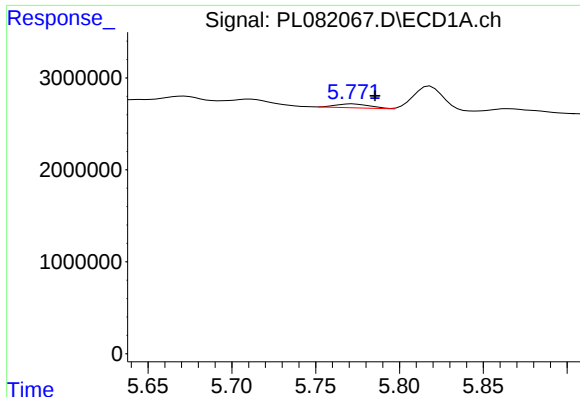
#25 Chlordane-3

R.T.: 5.711 min  
Delta R.T.: 0.006 min  
Response: 791889  
Conc: 2.00 ng/ml



#25 Chlordane-3

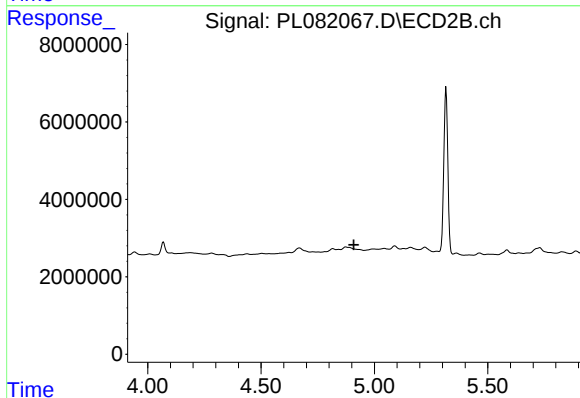
R.T.: 4.842 min  
Delta R.T.: -0.007 min  
Response: 575549  
Conc: 2.29 ng/ml



#26 Chlordane-4

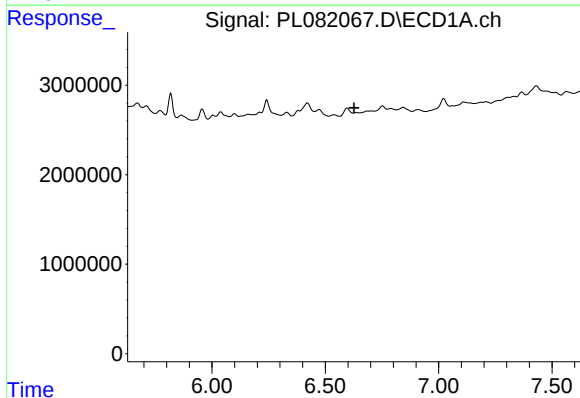
R.T.: 5.772 min  
Delta R.T.: -0.014 min  
Response: 618048  
Conc: 1.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



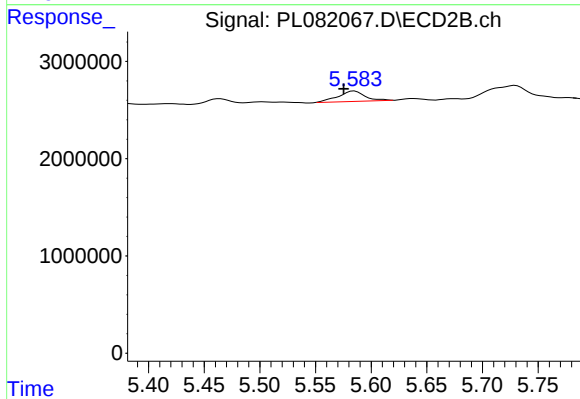
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 4.909 min  
Response: 0  
Conc: N.D.



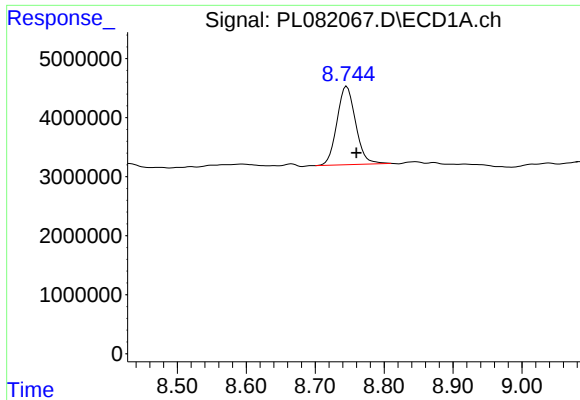
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.627 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

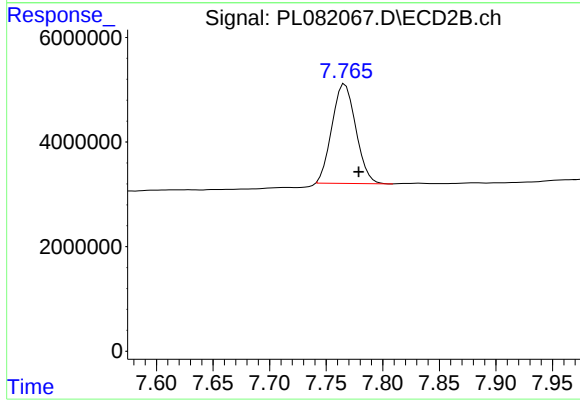
R.T.: 5.585 min  
Delta R.T.: 0.009 min  
Response: 1825850  
Conc: 27.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min  
Delta R.T.: -0.014 min  
Response: 24993899  
Conc: 13.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: -0.012 min  
Response: 27944097  
Conc: 14.09 ng/ml