

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052223\  
 Data File : PL082901.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2023 23:12  
 Operator : AR\AJ  
 Sample : 02868-11  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 01:14:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.316  | 2.637  | 55538229 | 48699611 | 18.897 | 18.759  |
| 28)                         | SA Decachlor... | 8.731  | 7.741  | 42087260 | 49243199 | 20.067 | 19.804  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.119f | 0        | 487841   | N.D.   | 0.131 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.469  | 0        | 1632007  | N.D.   | 0.490 # |
| 4)                          | MA Heptachlor   | 4.705f | 3.794  | -208646  | 208774   | N.D.   | 0.057   |
| 5)                          | MB Aldrin       | 0.000  | 4.069  | 0        | 148172   | N.D.   | 0.046 # |
| 6)                          | B beta-BHC      | 4.297  | 3.762  | 876092   | 240585   | 0.465  | 0.168 # |
| 7)                          | B delta-BHC     | 0.000  | 3.975  | 0        | 156532   | N.D.   | 0.048 # |
| 8)                          | B Heptachlo...  | 5.434  | 4.565  | 304230   | 316130   | 0.095  | 0.107   |
| 9)                          | A Endosulfan I  | 5.802f | 0.000  | 78777    | 0        | 0.026  | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.709f | 4.838f | 464130   | 1681850  | 0.146  | 0.560 # |
| 11)                         | B alpha-Chl...  | 5.772  | 4.894  | 601987   | 719951   | 0.188  | 0.240 # |
| 12)                         | B 4,4'-DDE      | 5.944  | 5.069  | 1551601  | 1550634  | 0.563  | 0.638   |
| 13)                         | MA Dieldrin     | 6.087  | 5.212  | 602574   | 1659519  | 0.200  | 0.588 # |
| 14)                         | MA Endrin       | 0.000  | 5.482  | 0        | 193327   | N.D.   | 0.076 # |
| 16)                         | A 4,4'-DDD      | 6.461  | 5.633  | 434633   | -342636  | 0.200  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.770  | 5.869  | 690474   | 1194134  | 0.276  | 0.535 # |
| 18)                         | B Endrin al...  | 0.000  | 5.958  | 0        | 68419    | N.D.   | 0.035 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.166  | 0        | 13199    | N.D.   | 0.005 # |
| 20)                         | A Methoxychlor  | 7.287f | 6.480f | 320121   | 702555   | 0.242  | 0.552 # |
| 21)                         | B Endrin ke...  | 7.417f | 6.708f | -65520   | 2922116  | N.D.   | 1.081   |
| 22)                         | Mirex           | 0.000  | 6.856  | 0        | 250299   | N.D.   | 0.107 # |
| 23)                         | Chlordane-1     | 0.000  | 3.640f | 0        | 641526   | N.D.   | 7.775 # |
| 25)                         | Chlordane-3     | 5.709f | 4.838f | 464130   | 1681850  | 1.119  | 6.311 # |
| 26)                         | Chlordane-4     | 5.772  | 4.894  | 601987   | 719951   | 1.189  | 2.555 # |
| 27)                         | Chlordane-5     | 0.000  | 5.797f | 0        | 709425   | N.D.   | 7.303 # |
| -----                       |                 |        |        |          |          |        |         |

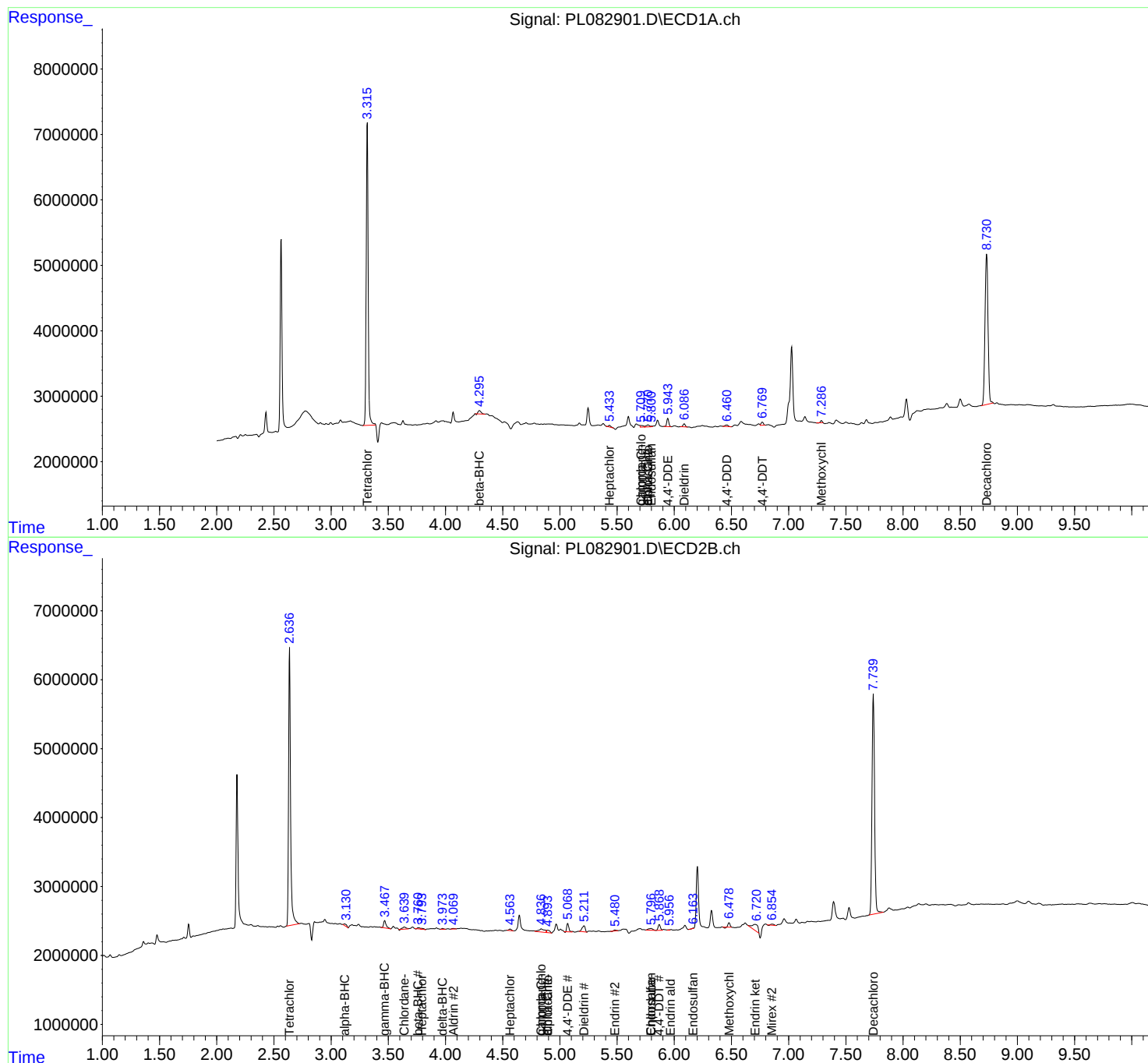
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

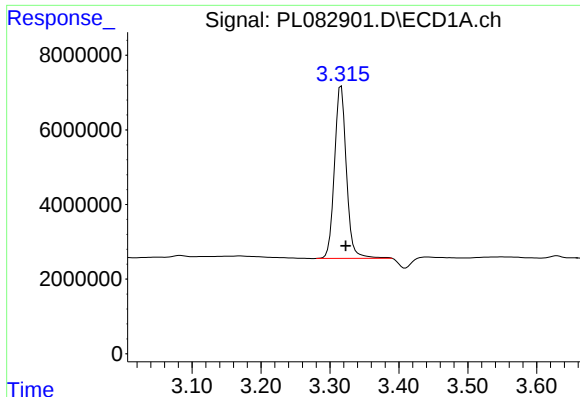
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052223\  
Data File : PL082901.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2023 23:12  
Operator : AR\AJ  
Sample : 02868-11  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 01:14:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

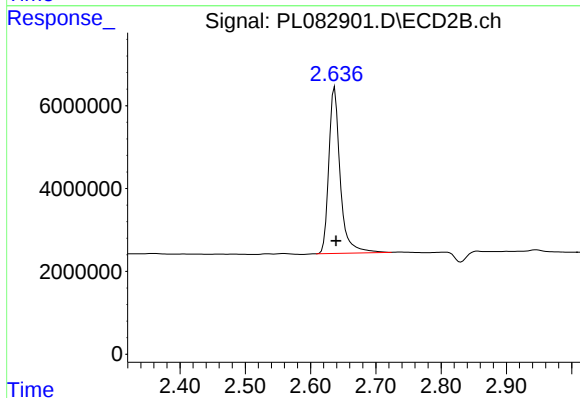




#1 Tetrachloro-m-xylene

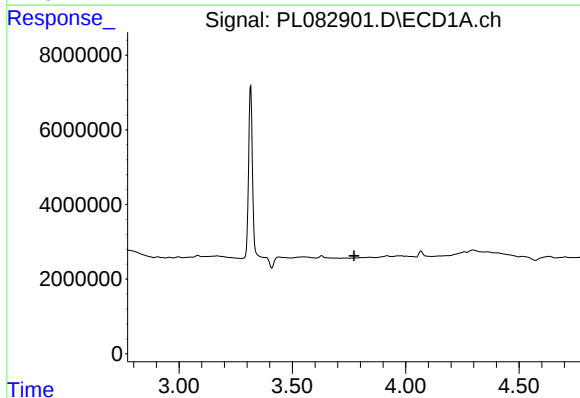
R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 55538229  
Conc: 18.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



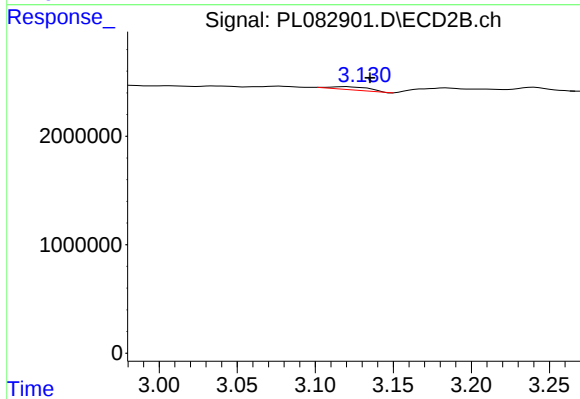
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: -0.002 min  
Response: 48699611  
Conc: 18.76 ng/ml



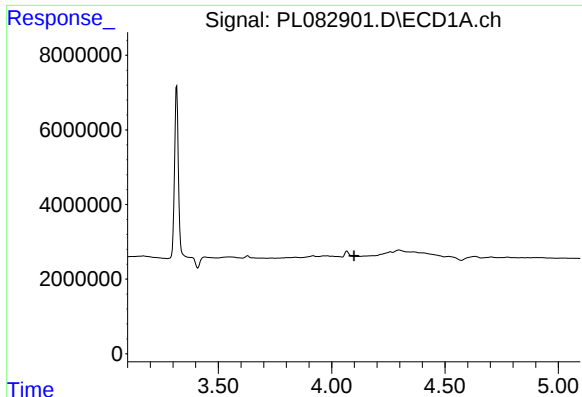
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.772 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

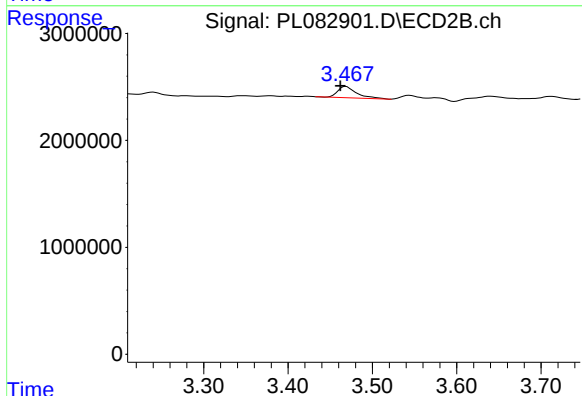
R.T.: 3.119 min  
Delta R.T.: -0.016 min  
Response: 487841  
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

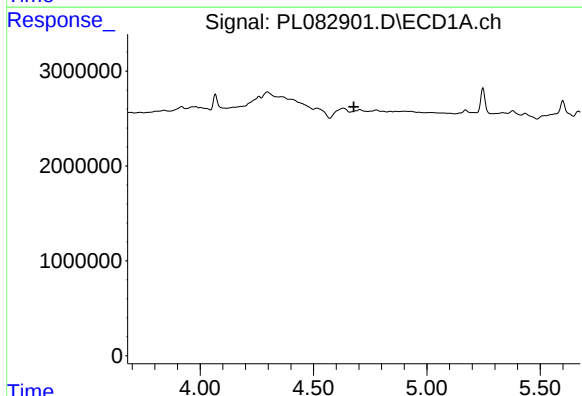
R.T.: 0.000 min  
Exp R.T.: 4.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



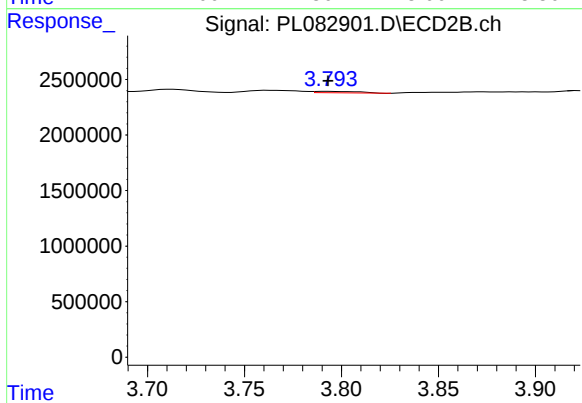
#3 gamma-BHC (Lindane)

R.T.: 3.469 min  
Delta R.T.: 0.007 min  
Response: 1632007  
Conc: 0.49 ng/ml



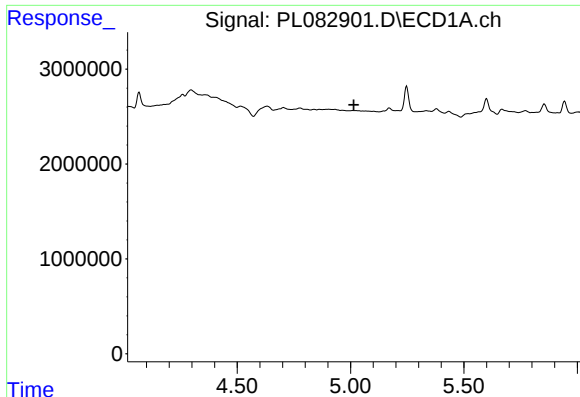
#4 Heptachlor

R.T.: 4.705 min  
Delta R.T.: 0.027 min  
Response: -208646  
Conc: N.D.



#4 Heptachlor

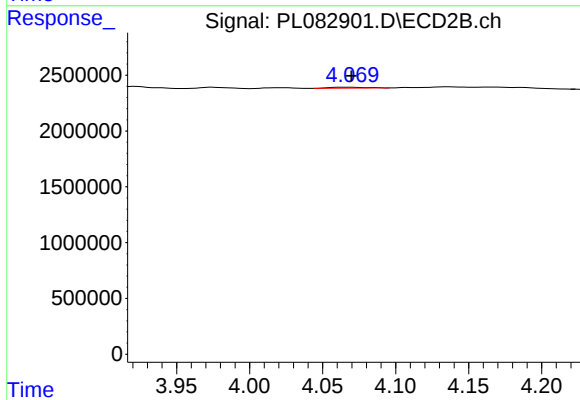
R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 208774  
Conc: 0.06 ng/ml



#5 Aldrin

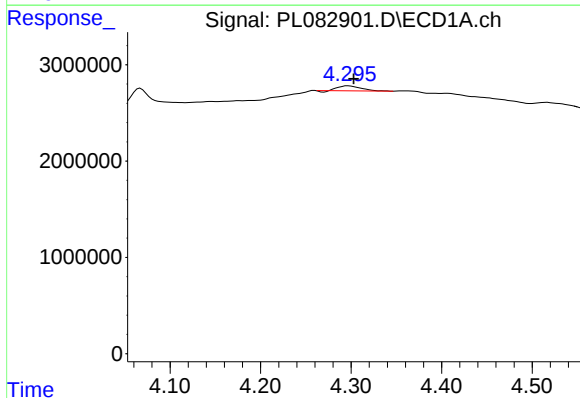
R.T.: 0.000 min  
Exp R.T.: 5.014 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



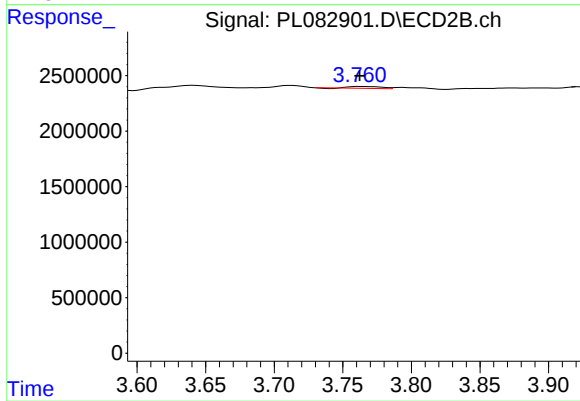
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 148172  
Conc: 0.05 ng/ml



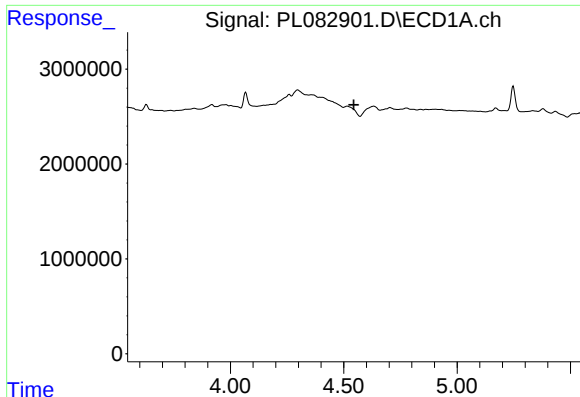
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.006 min  
Response: 876092  
Conc: 0.47 ng/ml



#6 beta-BHC

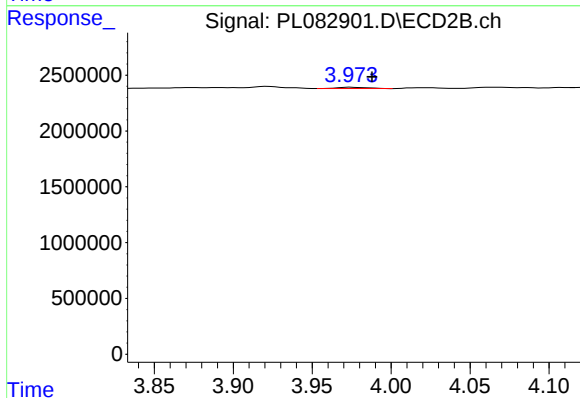
R.T.: 3.762 min  
Delta R.T.: 0.000 min  
Response: 240585  
Conc: 0.17 ng/ml



#7 delta-BHC

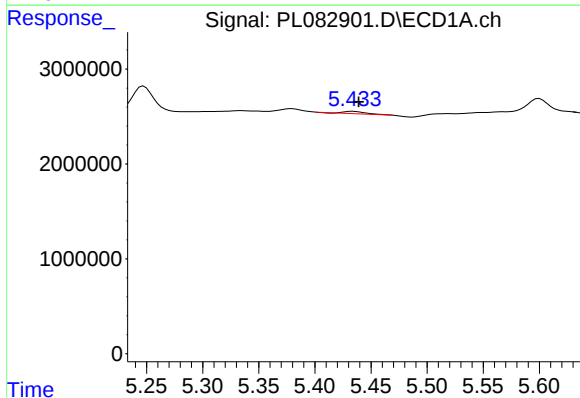
R.T.: 0.000 min  
Exp R.T.: 4.544 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



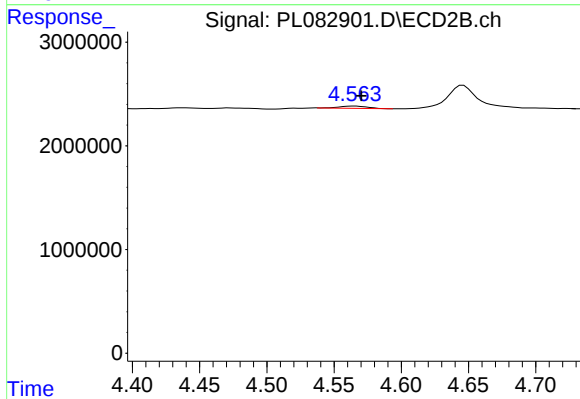
#7 delta-BHC

R.T.: 3.975 min  
Delta R.T.: -0.013 min  
Response: 156532  
Conc: 0.05 ng/ml



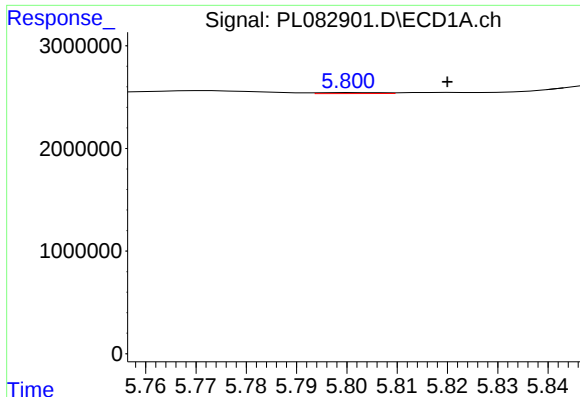
#8 Heptachlor epoxide

R.T.: 5.434 min  
Delta R.T.: -0.005 min  
Response: 304230  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

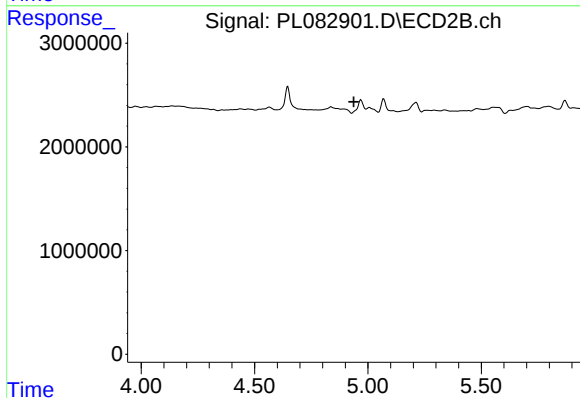
R.T.: 4.565 min  
Delta R.T.: -0.006 min  
Response: 316130  
Conc: 0.11 ng/ml



#9 Endosulfan I

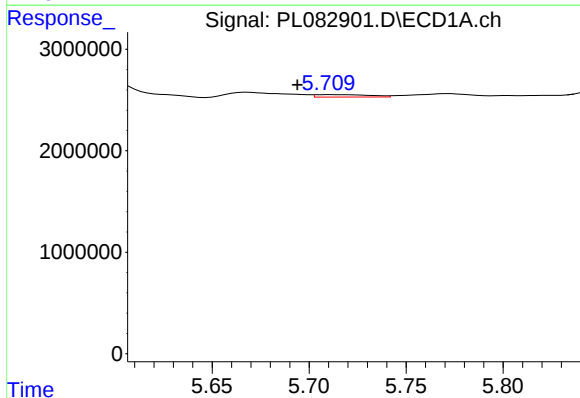
R.T.: 5.802 min  
Delta R.T.: -0.018 min  
Response: 78777  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



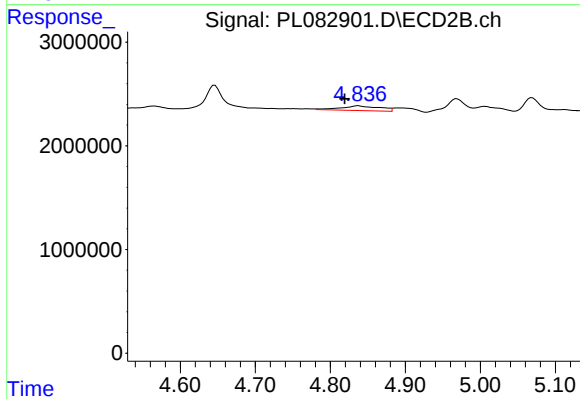
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.937 min  
Response: 0  
Conc: N.D.



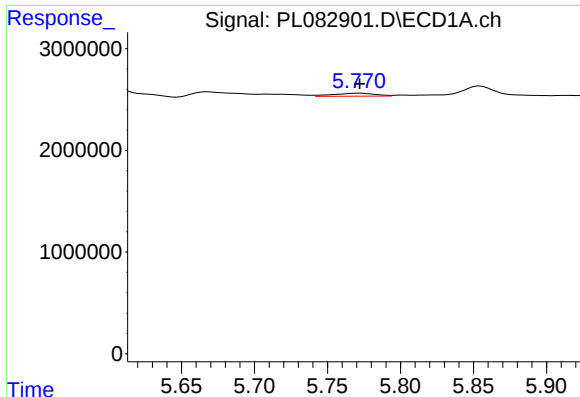
#10 gamma-Chlordane

R.T.: 5.709 min  
Delta R.T.: 0.015 min  
Response: 464130  
Conc: 0.15 ng/ml



#10 gamma-Chlordane

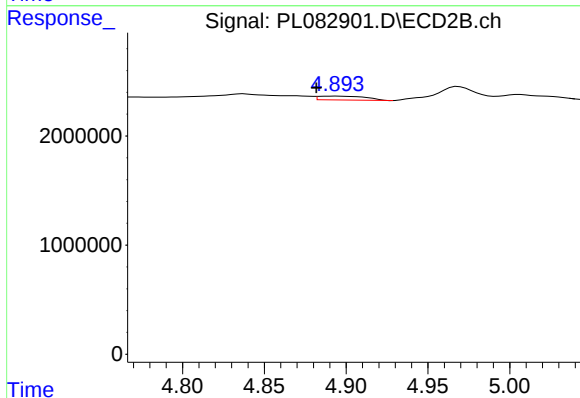
R.T.: 4.838 min  
Delta R.T.: 0.018 min  
Response: 1681850  
Conc: 0.56 ng/ml



#11 alpha-Chlordane

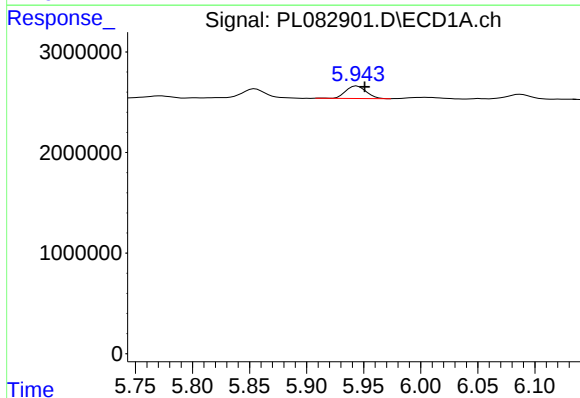
R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 601987  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



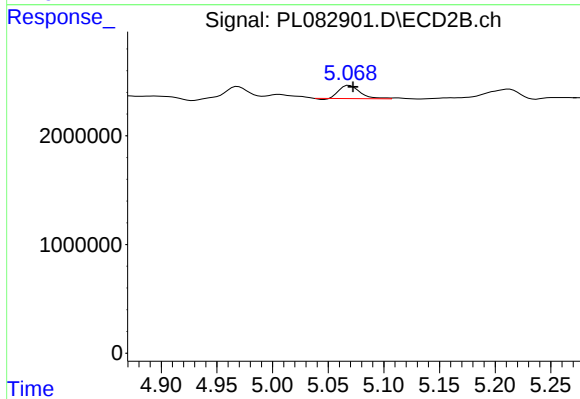
#11 alpha-Chlordane

R.T.: 4.894 min  
Delta R.T.: 0.012 min  
Response: 719951  
Conc: 0.24 ng/ml



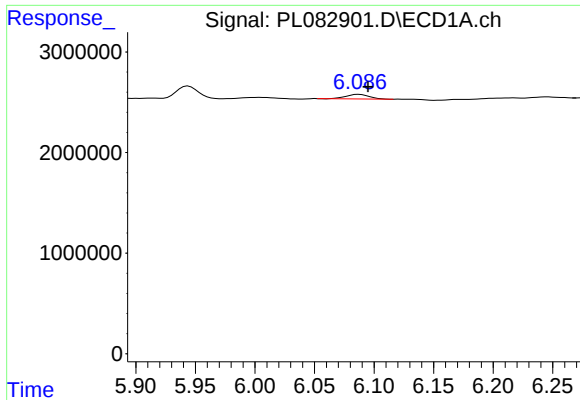
#12 4,4'-DDE

R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 1551601  
Conc: 0.56 ng/ml



#12 4,4'-DDE

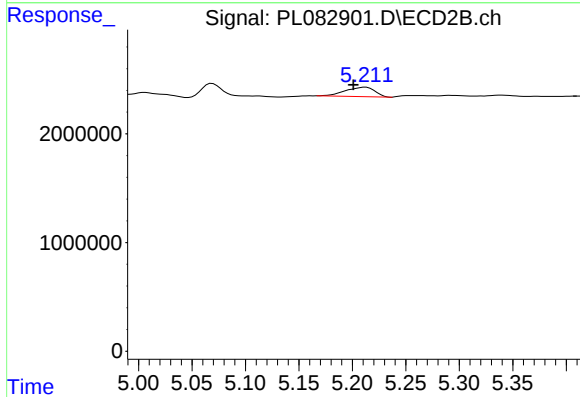
R.T.: 5.069 min  
Delta R.T.: -0.003 min  
Response: 1550634  
Conc: 0.64 ng/ml



#13 Dieldrin

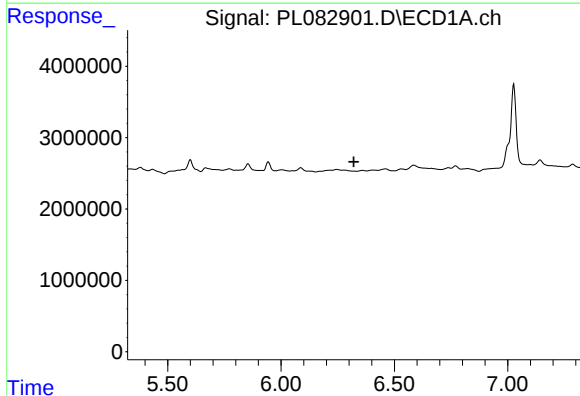
R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 602574  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



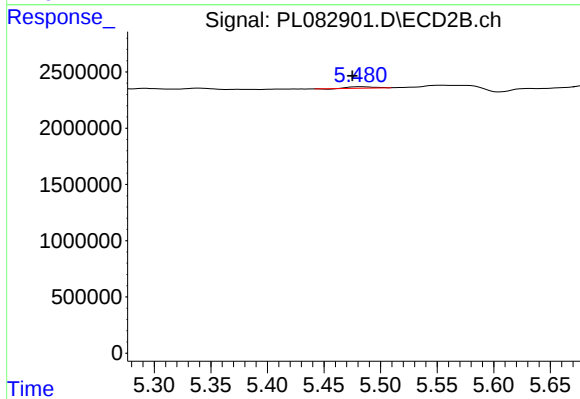
#13 Dieldrin

R.T.: 5.212 min  
Delta R.T.: 0.011 min  
Response: 1659519  
Conc: 0.59 ng/ml



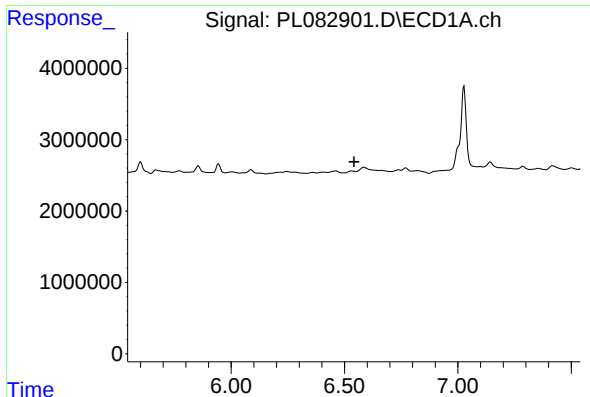
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.321 min  
Response: 0  
Conc: N.D.



#14 Endrin

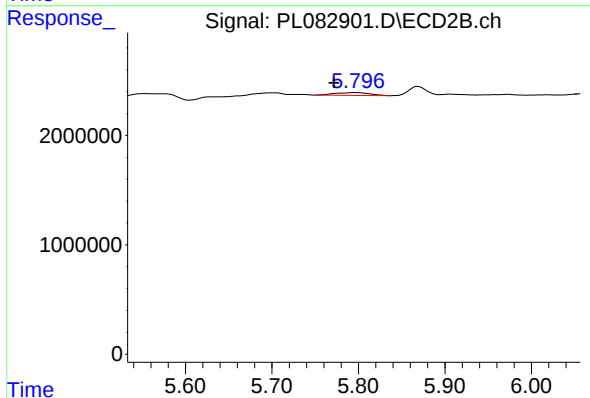
R.T.: 5.482 min  
Delta R.T.: 0.007 min  
Response: 193327  
Conc: 0.08 ng/ml



#15 Endosulfan II

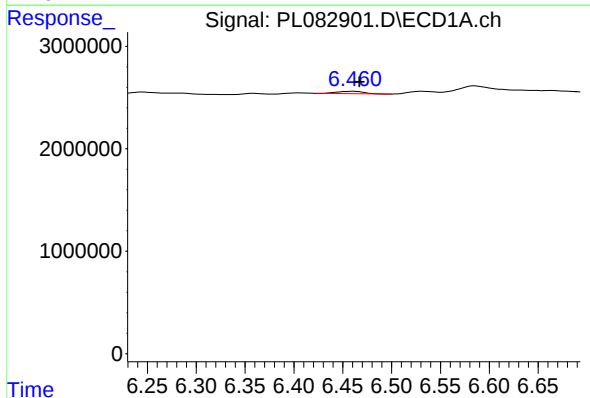
R.T.: 6.530 min  
Delta R.T.: -0.013 min  
Response: 238189  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



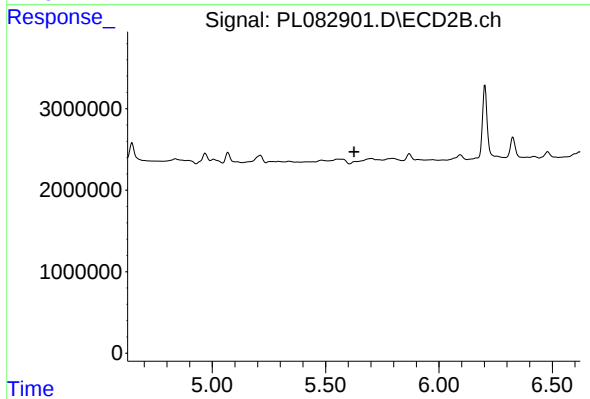
#15 Endosulfan II

R.T.: 5.797 min  
Delta R.T.: 0.025 min  
Response: 709425  
Conc: 0.29 ng/ml



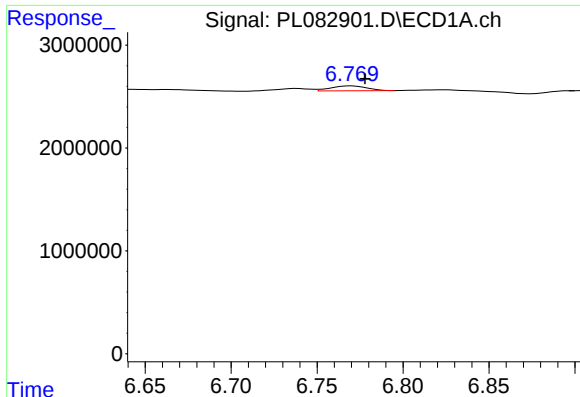
#16 4,4'-DDD

R.T.: 6.461 min  
Delta R.T.: -0.006 min  
Response: 434633  
Conc: 0.20 ng/ml



#16 4,4'-DDD

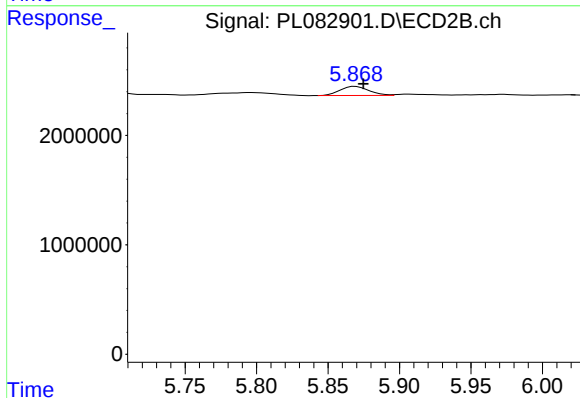
R.T.: 5.633 min  
Delta R.T.: 0.007 min  
Response: -342636  
Conc: N.D.



#17 4,4'-DDT

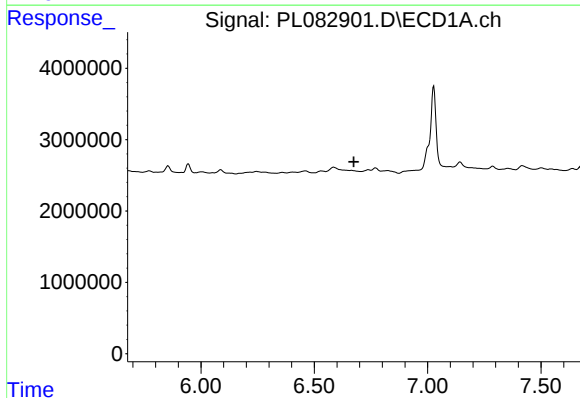
R.T.: 6.770 min  
Delta R.T.: -0.008 min  
Response: 690474  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



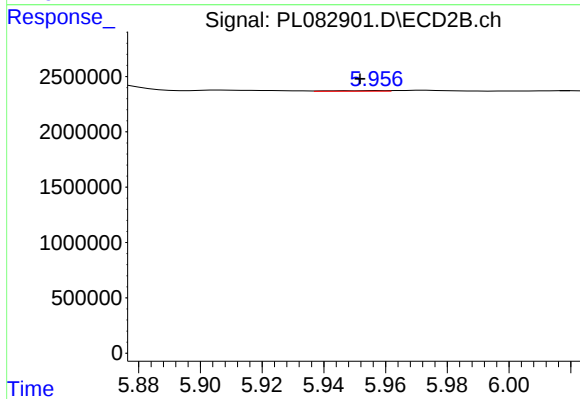
#17 4,4'-DDT

R.T.: 5.869 min  
Delta R.T.: -0.006 min  
Response: 1194134  
Conc: 0.54 ng/ml



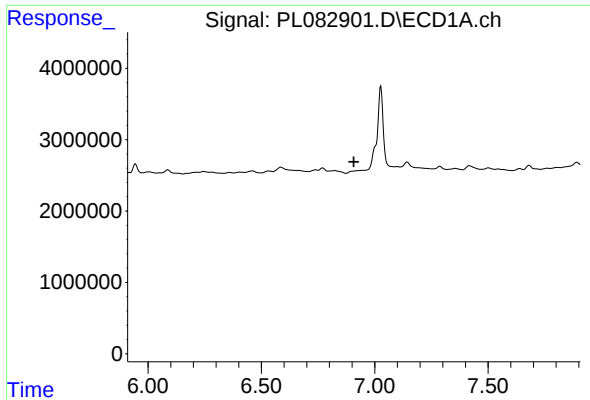
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.674 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

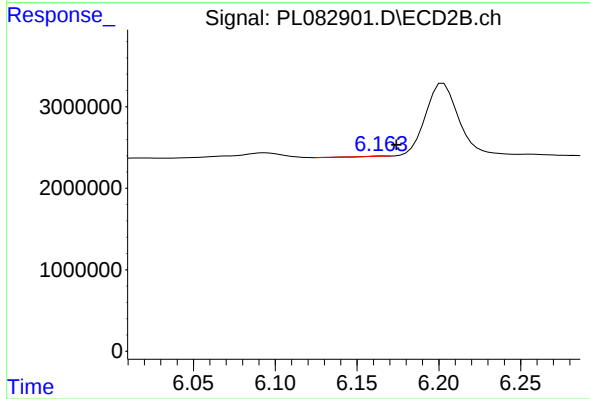
R.T.: 5.958 min  
Delta R.T.: 0.006 min  
Response: 68419  
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

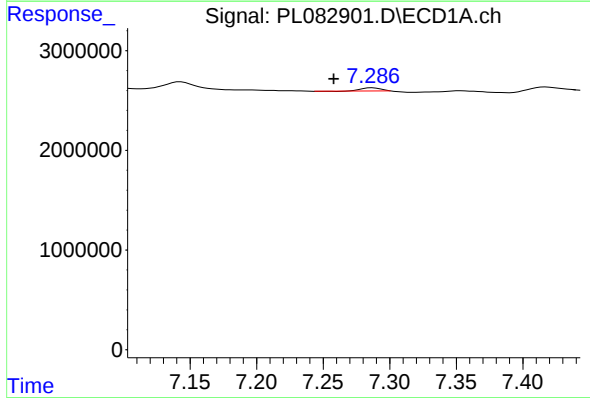
R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



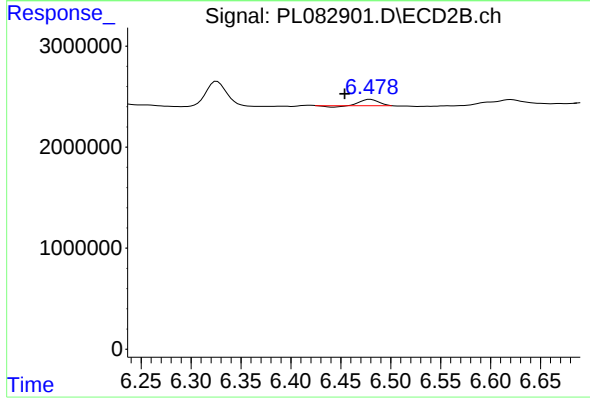
#19 Endosulfan Sulfate

R.T.: 6.166 min  
Delta R.T.: -0.008 min  
Response: 13199  
Conc: 0.01 ng/ml



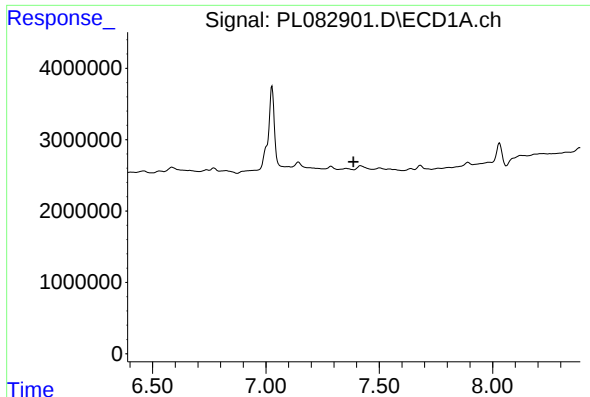
#20 Methoxychlor

R.T.: 7.287 min  
Delta R.T.: 0.029 min  
Response: 320121  
Conc: 0.24 ng/ml



#20 Methoxychlor

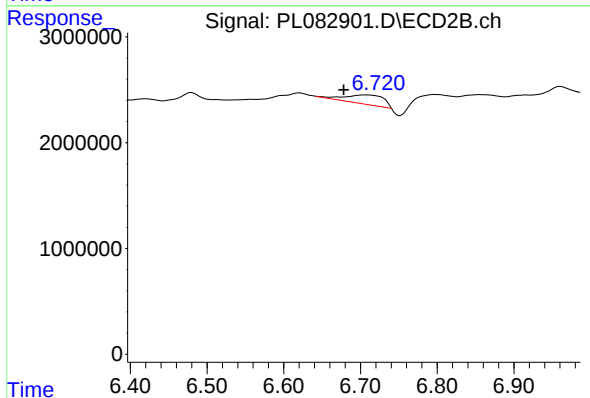
R.T.: 6.480 min  
Delta R.T.: 0.026 min  
Response: 702555  
Conc: 0.55 ng/ml



#21 Endrin ketone

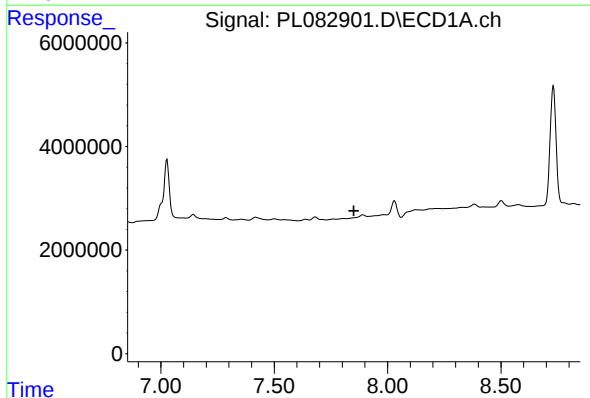
R.T.: 7.417 min  
Delta R.T.: 0.030 min  
Response: -65520  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



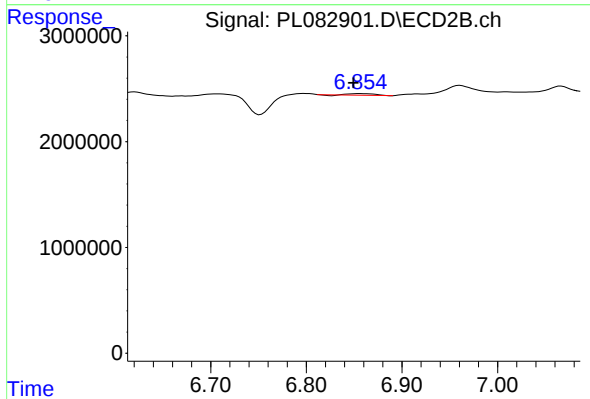
#21 Endrin ketone

R.T.: 6.708 min  
Delta R.T.: 0.029 min  
Response: 2922116  
Conc: 1.08 ng/ml



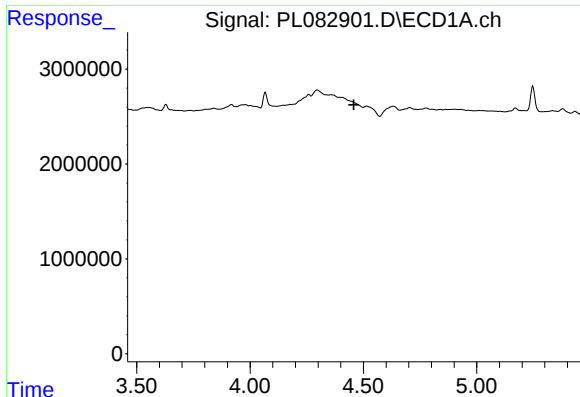
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.851 min  
Response: 0  
Conc: N.D.



#22 Mirex

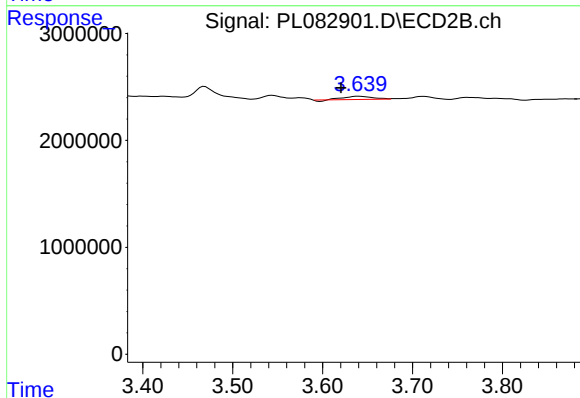
R.T.: 6.856 min  
Delta R.T.: 0.006 min  
Response: 250299  
Conc: 0.11 ng/ml



#23 Chlordane-1

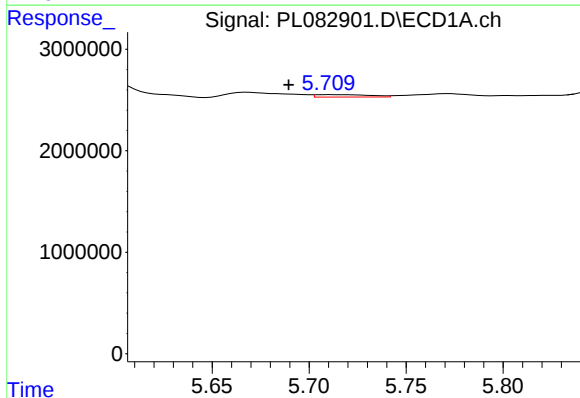
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



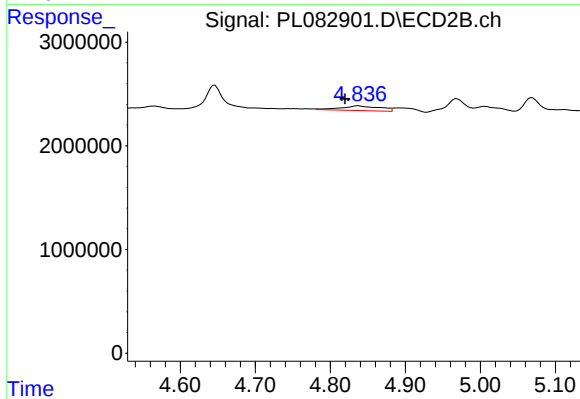
#23 Chlordane-1

R.T.: 3.640 min  
Delta R.T.: 0.020 min  
Response: 641526  
Conc: 7.77 ng/ml



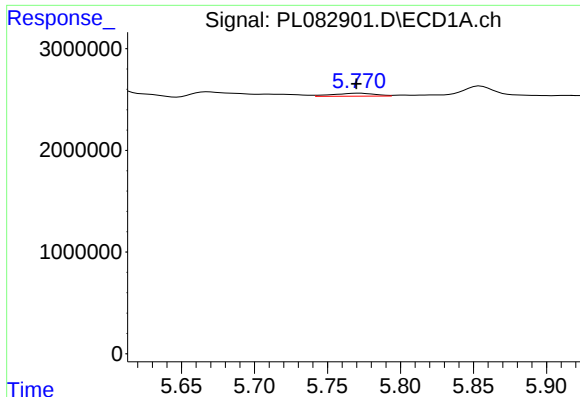
#25 Chlordane-3

R.T.: 5.709 min  
Delta R.T.: 0.020 min  
Response: 464130  
Conc: 1.12 ng/ml



#25 Chlordane-3

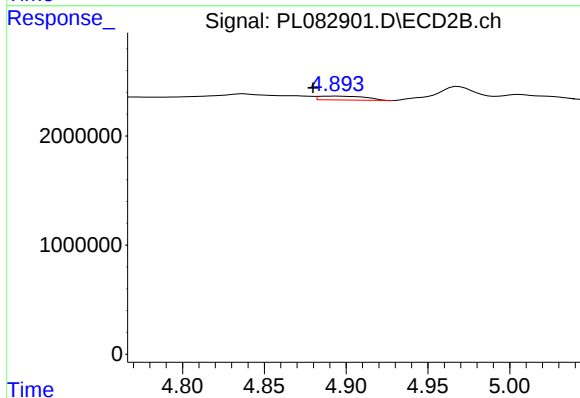
R.T.: 4.838 min  
Delta R.T.: 0.018 min  
Response: 1681850  
Conc: 6.31 ng/ml



#26 Chlordane-4

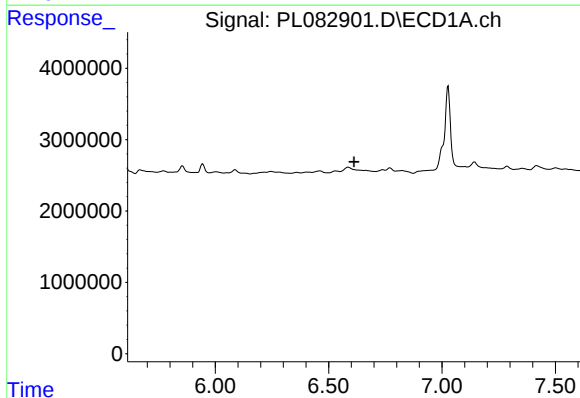
R.T.: 5.772 min  
Delta R.T.: 0.002 min  
Response: 601987  
Conc: 1.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



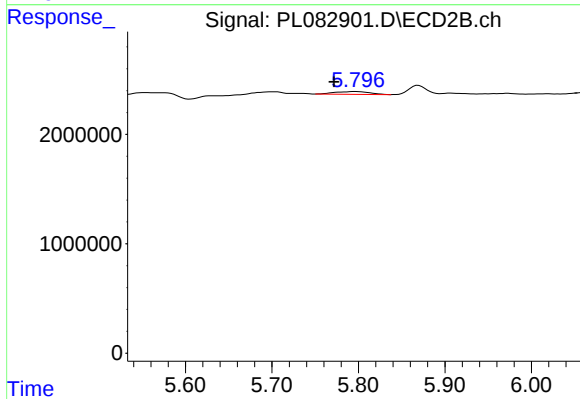
#26 Chlordane-4

R.T.: 4.894 min  
Delta R.T.: 0.014 min  
Response: 719951  
Conc: 2.56 ng/ml



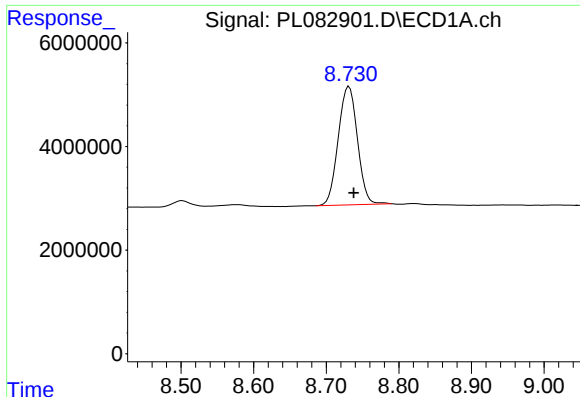
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

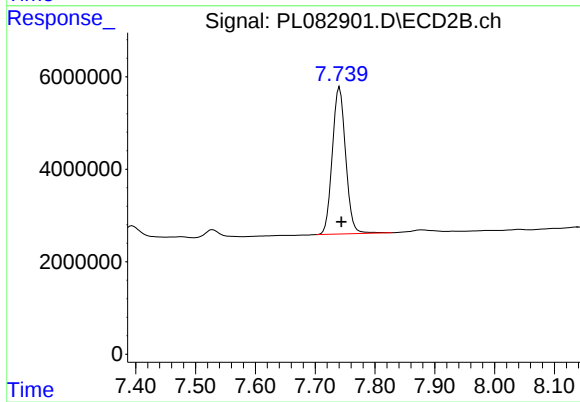
R.T.: 5.797 min  
Delta R.T.: 0.025 min  
Response: 709425  
Conc: 7.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 42087260  
Conc: 20.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.741 min  
Delta R.T.: -0.003 min  
Response: 49243199  
Conc: 19.80 ng/ml