

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021523\  
 Data File : PL080926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Feb 2023 08:48  
 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: Feb 15 20:22:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.353  | 2.689  | 46788804 | 44150919 | 21.815 | 20.101  |
| 28)                         | SA Decachlor... | 8.789  | 7.833  | 37088071 | 44993646 | 21.184 | 18.885  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.179  | 0        | 85459    | N.D.   | 0.027 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.498f | 0        | 3167     | N.D.   | 0.001 # |
| 4)                          | MA Heptachlor   | 4.712  | 3.876  | 366979   | 157801   | 0.124  | 0.050 # |
| 5)                          | MB Aldrin       | 0.000  | 4.160f | 0        | 774645   | N.D.   | 0.263 # |
| 6)                          | B beta-BHC      | 0.000  | 3.824  | 0        | 427299   | N.D.   | 0.320 # |
| 7)                          | B delta-BHC     | 4.565  | 4.043  | 1780888  | 115912   | 0.615  | 0.040 # |
| 8)                          | B Heptachlo...  | 5.479  | 4.642  | 469102   | 39562    | 0.181  | 0.014 # |
| 9)                          | A Endosulfan I  | 5.868  | 5.009  | 143554   | 182398   | 0.061  | 0.070   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.902  | 0        | 122526   | N.D.   | 0.043 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.941f | 0        | 460255   | N.D.   | 0.161 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.153  | 0        | 204604   | N.D.   | 0.087 # |
| 13)                         | MA Dieldrin     | 6.120  | 5.277  | 386655   | 359215   | 0.162  | 0.133   |
| 14)                         | MA Endrin       | 6.370  | 5.567  | 2061463  | 69865    | 0.953  | 0.030 # |
| 15)                         | B Endosulfa...  | 6.566  | 5.842  | 353351   | -364     | 0.154  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.502  | 5.696  | 386991   | -98511   | 0.211  | N.D. #  |
| 18)                         | B Endrin al...  | 0.000  | 6.046f | 0        | 74389    | N.D.   | 0.041 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.242  | 0        | 124810   | N.D.   | 0.054 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.532  | 0        | 28850    | N.D.   | 0.024 # |
| 22)                         | Mirex           | 7.872f | 0.000  | 223560   | 0        | 0.130  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.695  | 0        | 325325   | N.D.   | 3.995 # |
| 24)                         | Chlordane-2     | 0.000  | 4.262  | 0        | 146401   | N.D.   | 1.624 # |
| 25)                         | Chlordane-3     | 0.000  | 4.902  | 0        | 122526   | N.D.   | 0.465 # |
| 26)                         | Chlordane-4     | 0.000  | 4.941f | 0        | 460255   | N.D.   | 1.709 # |
| 27)                         | Chlordane-5     | 0.000  | 5.653f | 0        | 247440   | N.D.   | 3.477 # |
| -----                       |                 |        |        |          |          |        |         |

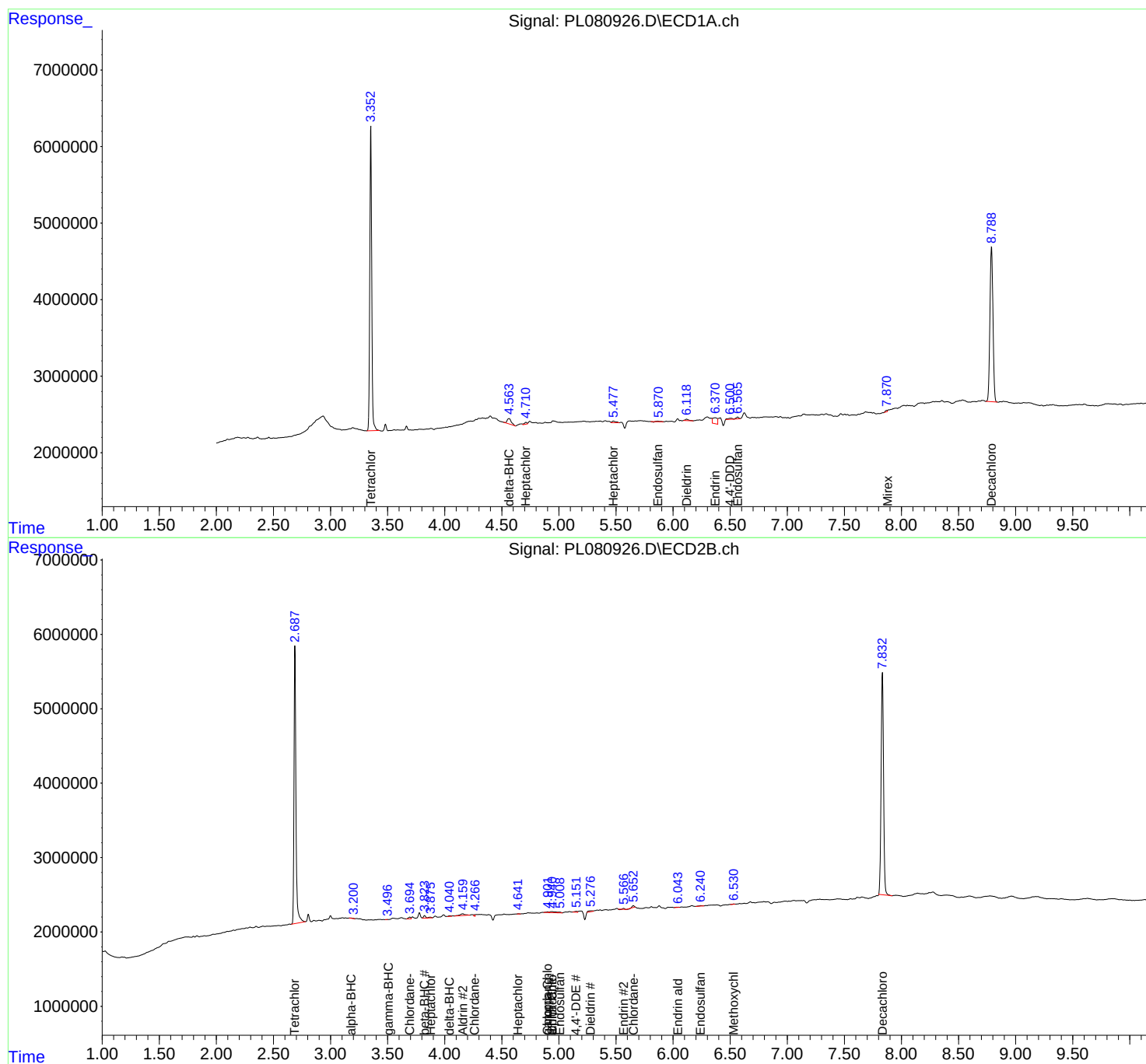
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

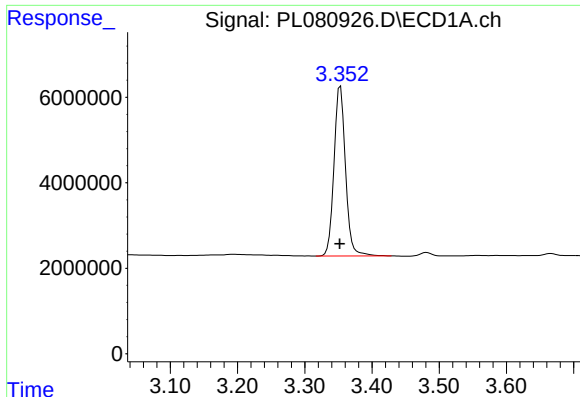
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021523\  
Data File : PL080926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Feb 2023 08:48  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 20:22:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 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

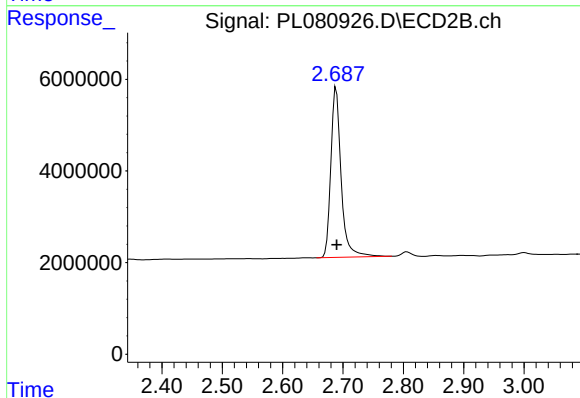




#1 Tetrachloro-m-xylene

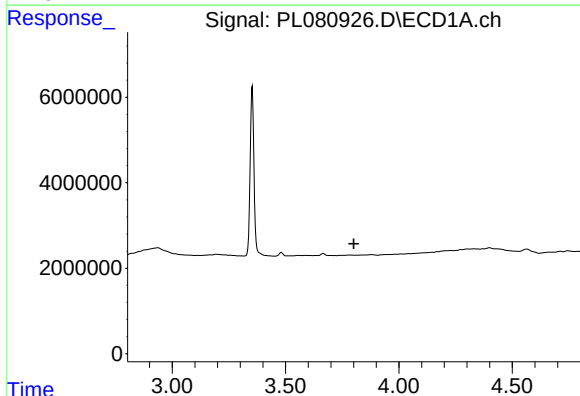
R.T.: 3.353 min  
Delta R.T.: 0.001 min  
Response: 46788804  
Conc: 21.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



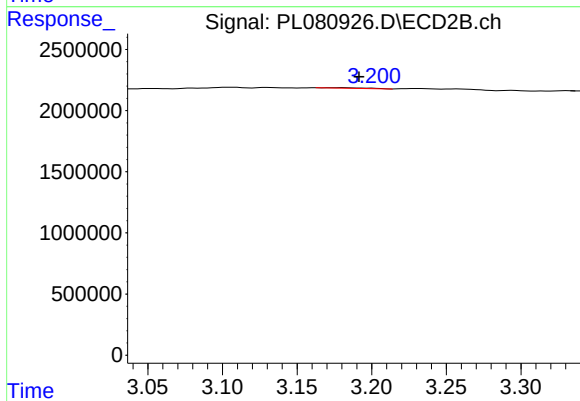
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 44150919  
Conc: 20.10 ng/ml



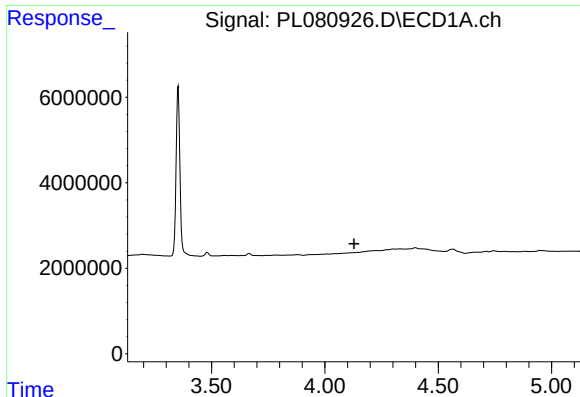
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.801 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

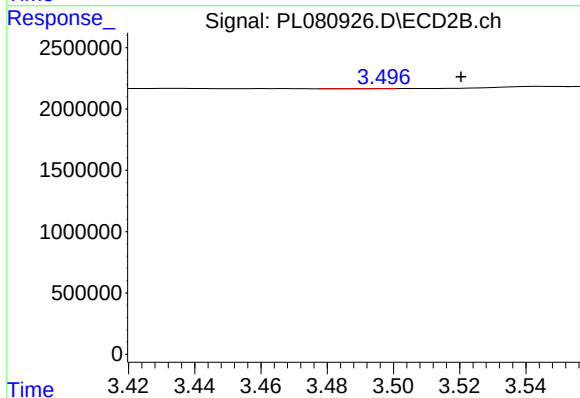
R.T.: 3.179 min  
Delta R.T.: -0.012 min  
Response: 85459  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

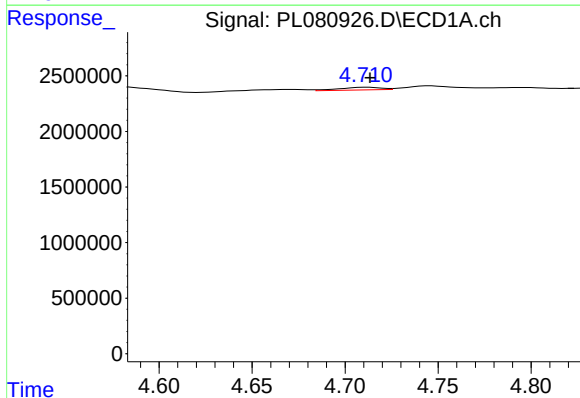
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



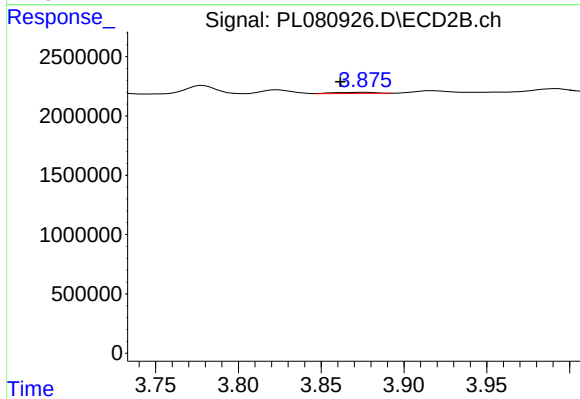
#3 gamma-BHC (Lindane)

R.T.: 3.498 min  
Delta R.T.: -0.023 min  
Response: 3167  
Conc: 0.00 ng/ml



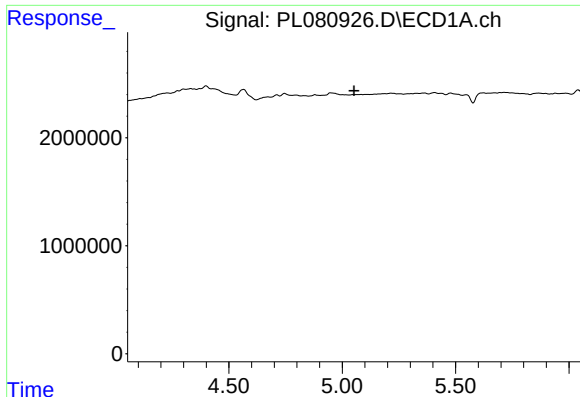
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.001 min  
Response: 366979  
Conc: 0.12 ng/ml



#4 Heptachlor

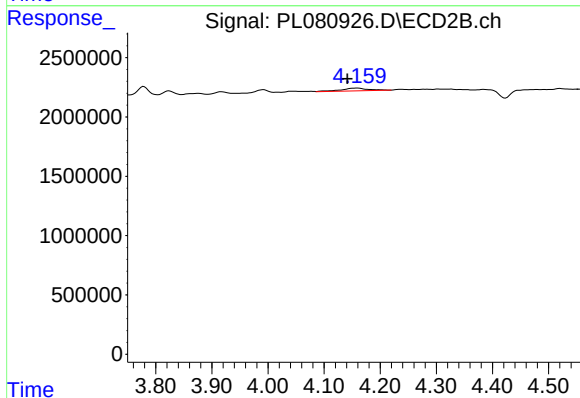
R.T.: 3.876 min  
Delta R.T.: 0.015 min  
Response: 157801  
Conc: 0.05 ng/ml



#5 Aldrin

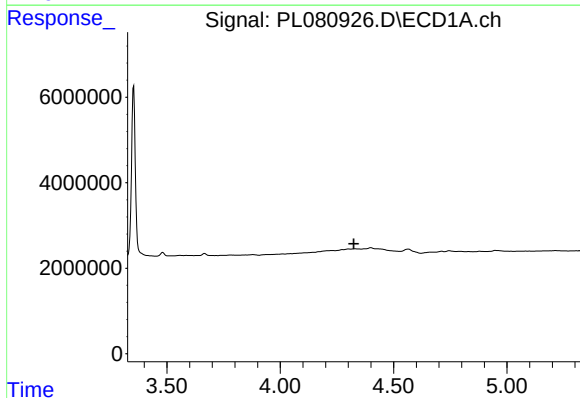
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



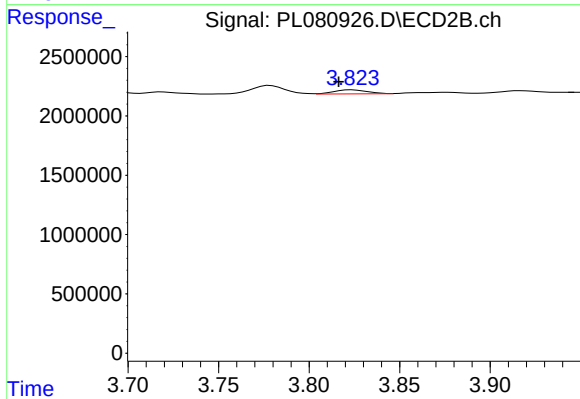
#5 Aldrin

R.T.: 4.160 min  
Delta R.T.: 0.019 min  
Response: 774645  
Conc: 0.26 ng/ml



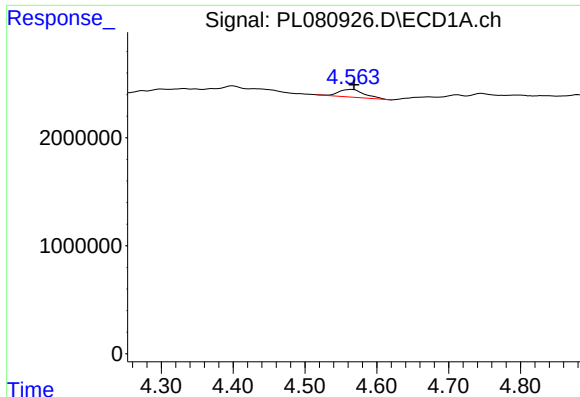
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.325 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

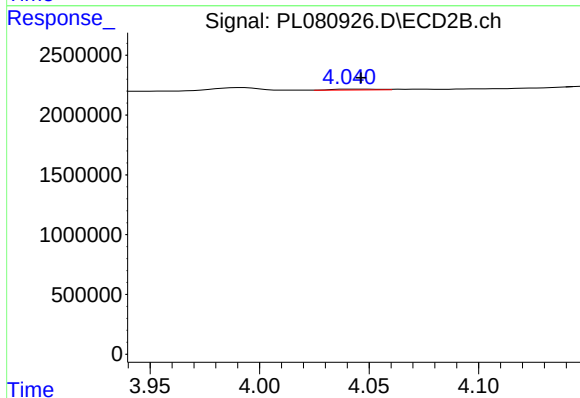
R.T.: 3.824 min  
Delta R.T.: 0.008 min  
Response: 427299  
Conc: 0.32 ng/ml



#7 delta-BHC

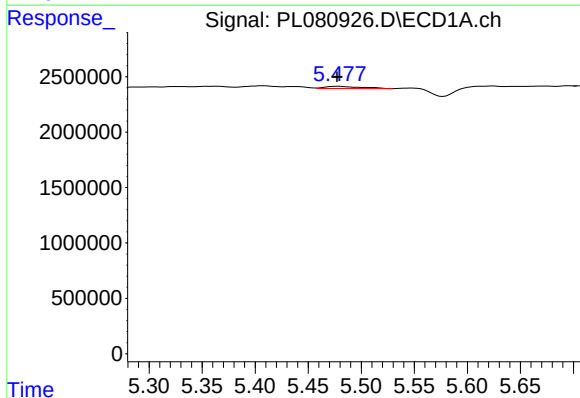
R.T.: 4.565 min  
Delta R.T.: -0.003 min  
Response: 1780888  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



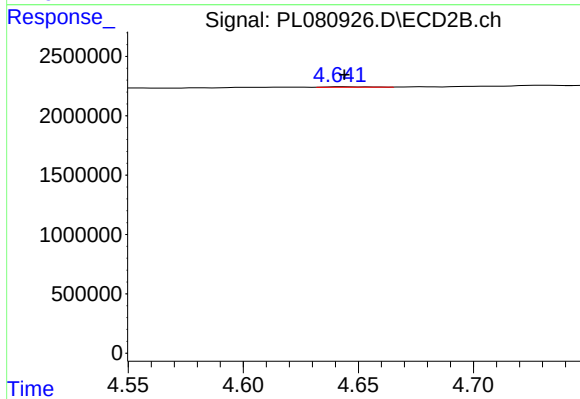
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.004 min  
Response: 115912  
Conc: 0.04 ng/ml



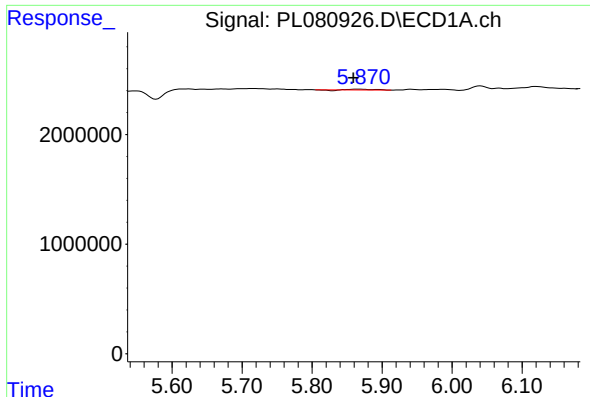
#8 Heptachlor epoxide

R.T.: 5.479 min  
Delta R.T.: 0.002 min  
Response: 469102  
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

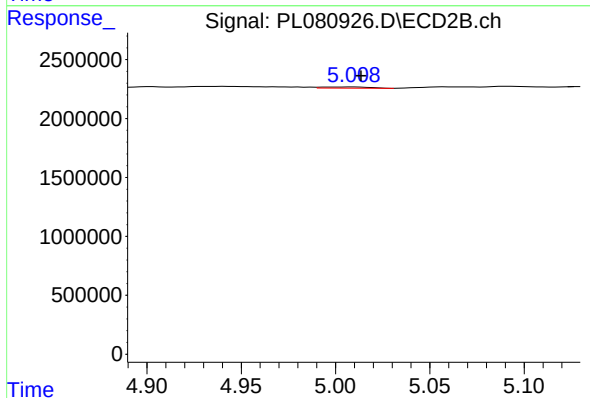
R.T.: 4.642 min  
Delta R.T.: -0.002 min  
Response: 39562  
Conc: 0.01 ng/ml



#9 Endosulfan I

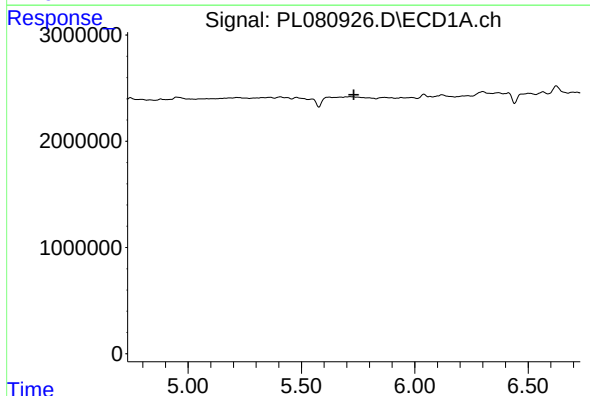
R.T.: 5.868 min  
Delta R.T.: 0.009 min  
Response: 143554  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



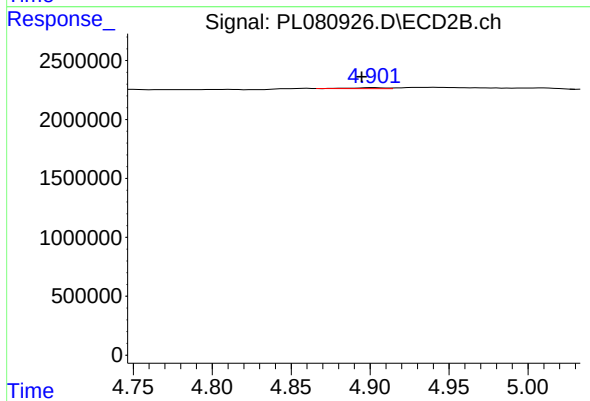
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.004 min  
Response: 182398  
Conc: 0.07 ng/ml



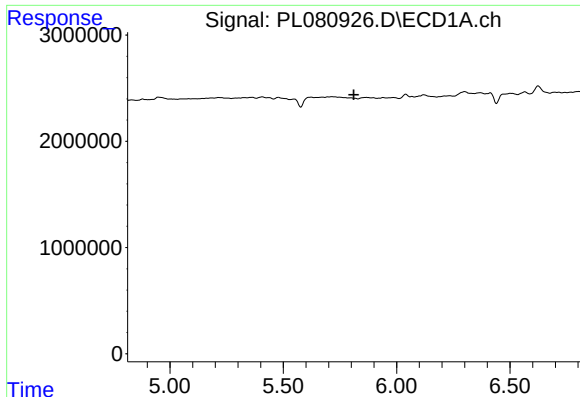
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.732 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

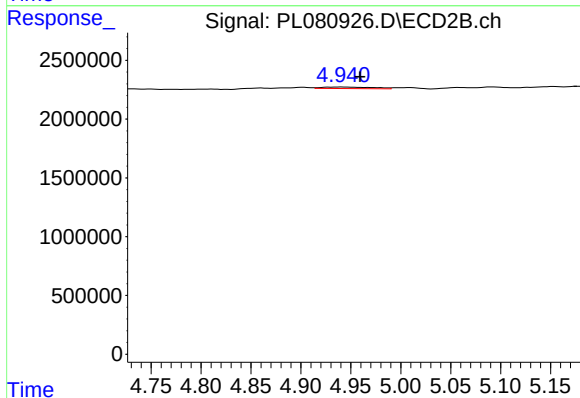
R.T.: 4.902 min  
Delta R.T.: 0.008 min  
Response: 122526  
Conc: 0.04 ng/ml



#11 alpha-Chlordane

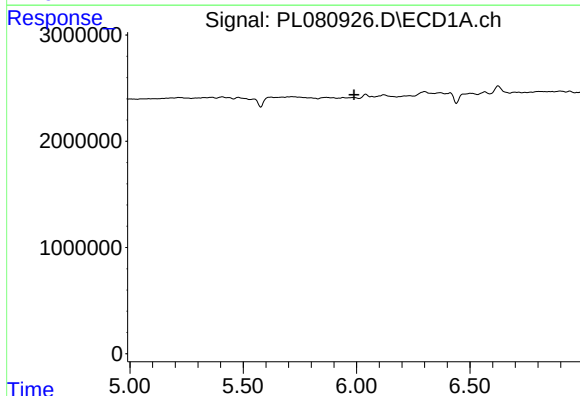
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



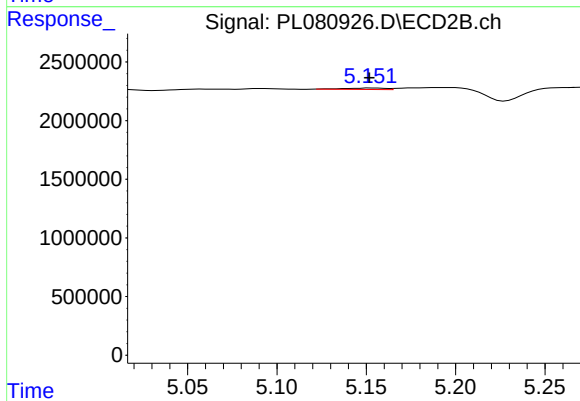
#11 alpha-Chlordane

R.T.: 4.941 min  
Delta R.T.: -0.018 min  
Response: 460255  
Conc: 0.16 ng/ml



#12 4,4'-DDE

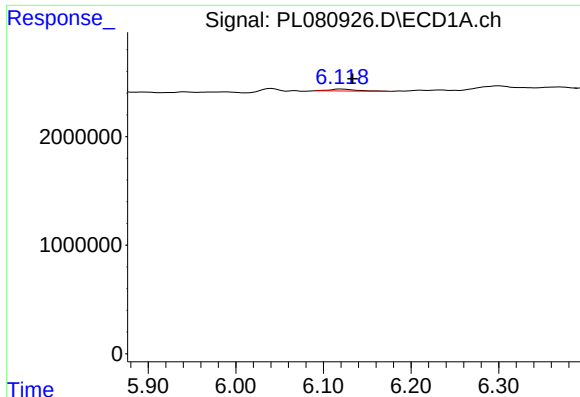
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.153 min  
Delta R.T.: 0.001 min  
Response: 204604  
Conc: 0.09 ng/ml

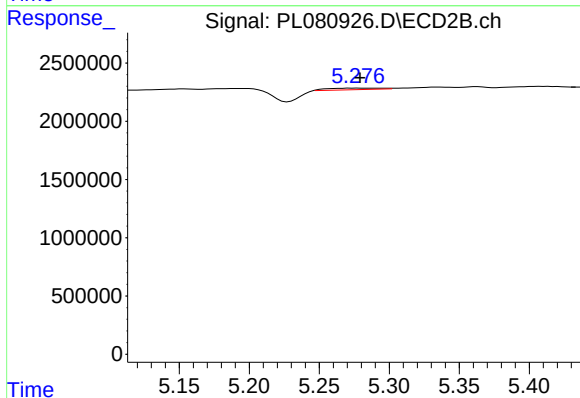




#13 Dieldrin

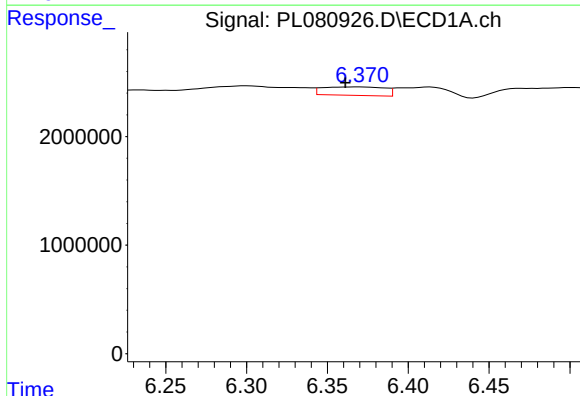
R.T.: 6.120 min  
Delta R.T.: -0.014 min  
Response: 386655  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



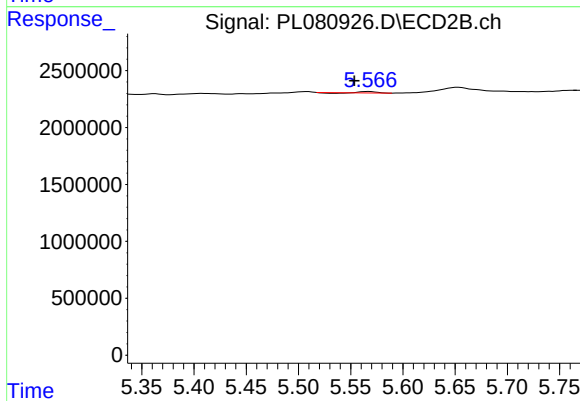
#13 Dieldrin

R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 359215  
Conc: 0.13 ng/ml



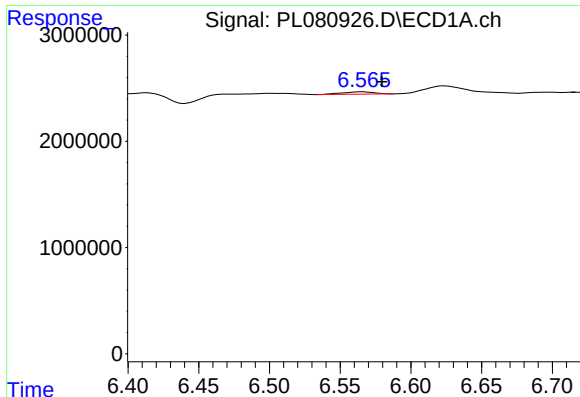
#14 Endrin

R.T.: 6.370 min  
Delta R.T.: 0.009 min  
Response: 2061463  
Conc: 0.95 ng/ml



#14 Endrin

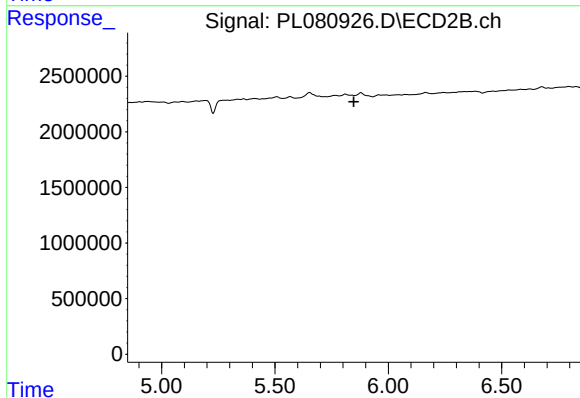
R.T.: 5.567 min  
Delta R.T.: 0.013 min  
Response: 69865  
Conc: 0.03 ng/ml



#15 Endosulfan II

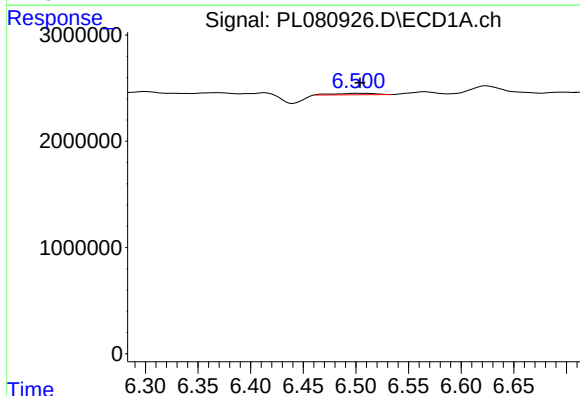
R.T.: 6.566 min  
Delta R.T.: -0.014 min  
Response: 353351  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



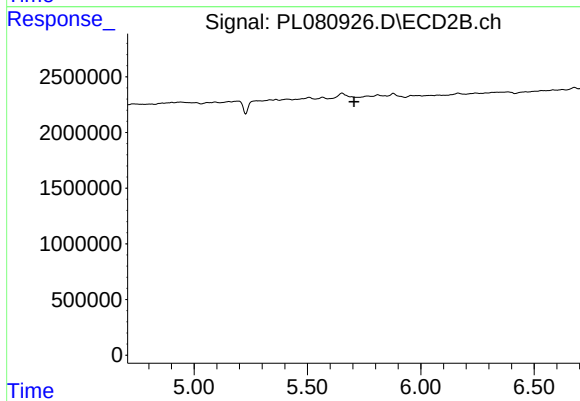
#15 Endosulfan II

R.T.: 5.842 min  
Delta R.T.: -0.006 min  
Response: -364  
Conc: N.D.



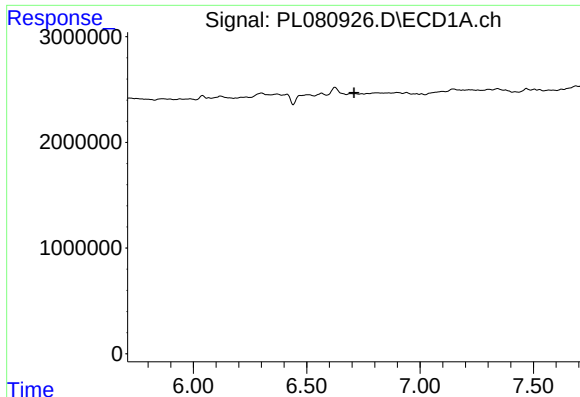
#16 4,4'-DDD

R.T.: 6.502 min  
Delta R.T.: -0.002 min  
Response: 386991  
Conc: 0.21 ng/ml



#16 4,4'-DDD

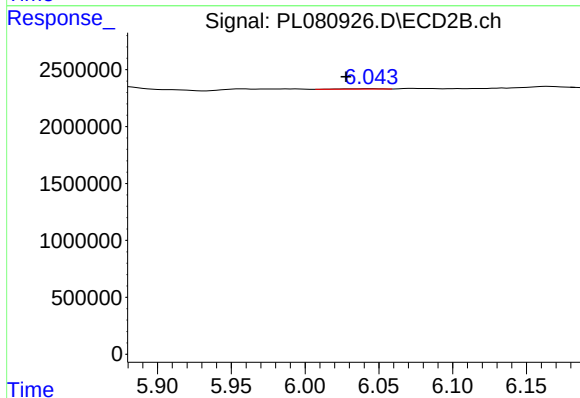
R.T.: 5.696 min  
Delta R.T.: -0.010 min  
Response: -98511  
Conc: N.D.



#18 Endrin aldehyde

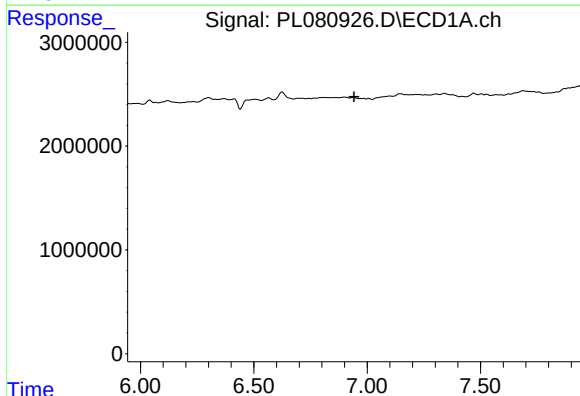
R.T.: 0.000 min  
Exp R.T.: 6.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



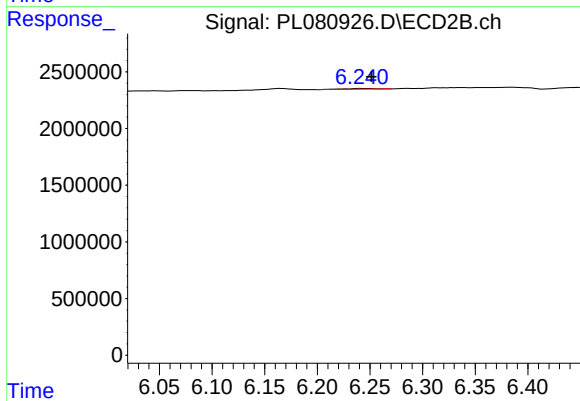
#18 Endrin aldehyde

R.T.: 6.046 min  
Delta R.T.: 0.018 min  
Response: 74389  
Conc: 0.04 ng/ml



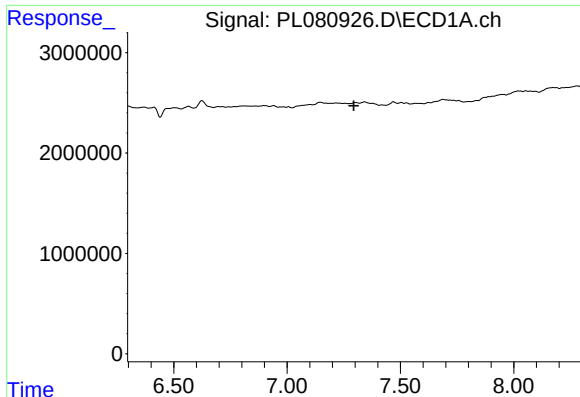
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

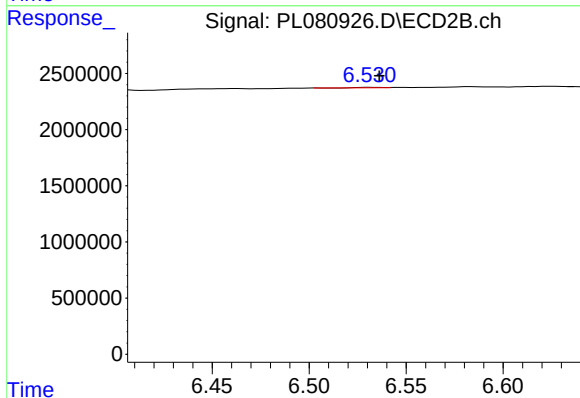
R.T.: 6.242 min  
Delta R.T.: -0.010 min  
Response: 124810  
Conc: 0.05 ng/ml



#20 Methoxychlor

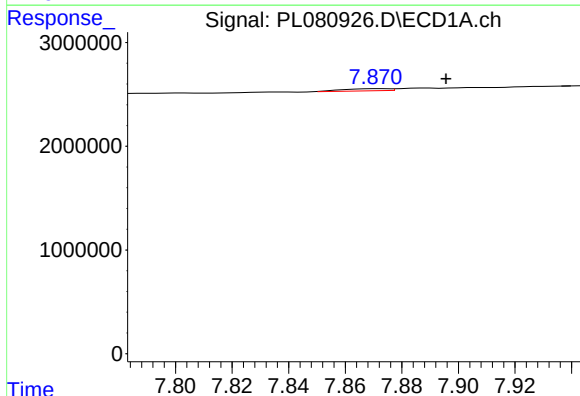
R.T.: 0.000 min  
Exp R.T.: 7.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



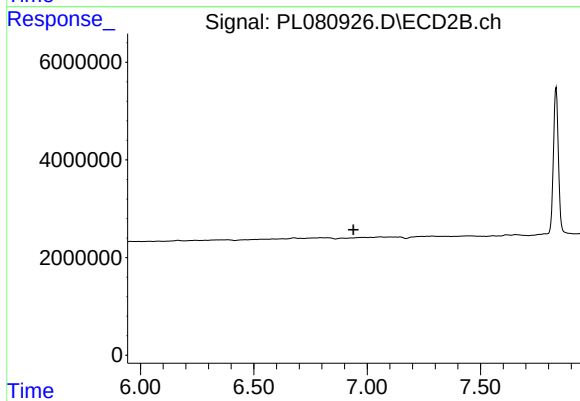
#20 Methoxychlor

R.T.: 6.532 min  
Delta R.T.: -0.005 min  
Response: 28850  
Conc: 0.02 ng/ml



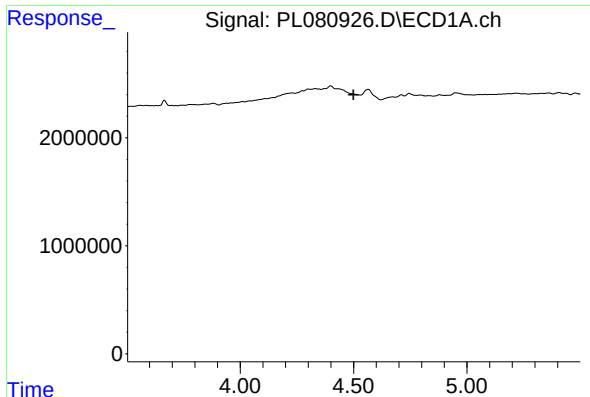
#22 Mirex

R.T.: 7.872 min  
Delta R.T.: -0.024 min  
Response: 223560  
Conc: 0.13 ng/ml



#22 Mirex

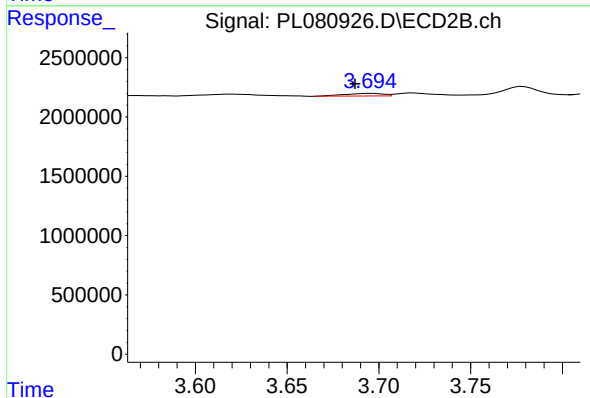
R.T.: 0.000 min  
Exp R.T.: 6.940 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

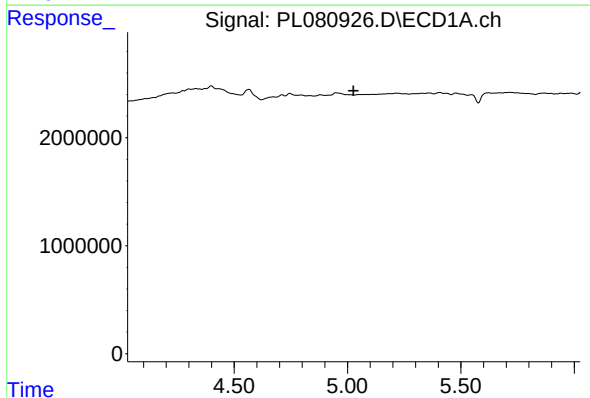
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



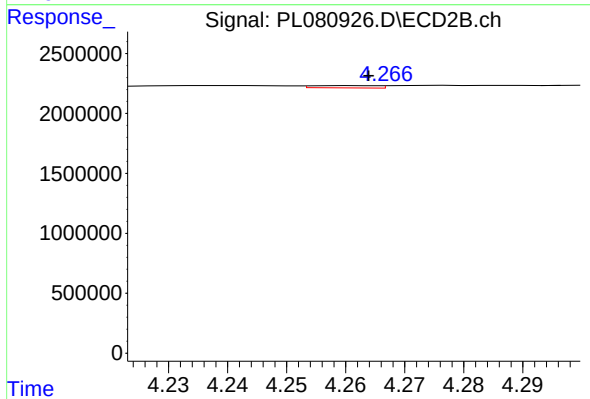
#23 Chlordane-1

R.T.: 3.695 min  
Delta R.T.: 0.008 min  
Response: 325325  
Conc: 4.00 ng/ml



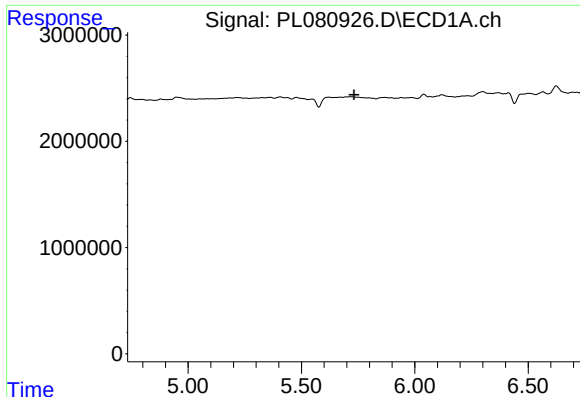
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

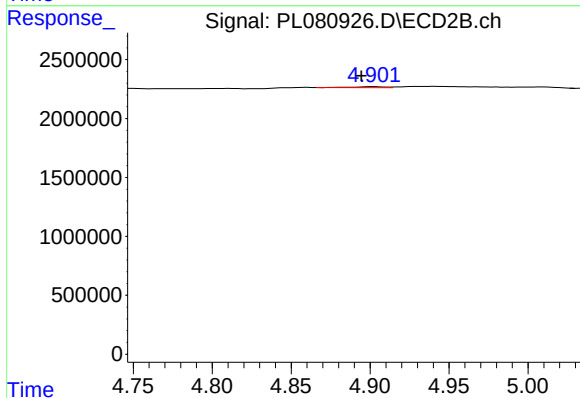
R.T.: 4.262 min  
Delta R.T.: -0.002 min  
Response: 146401  
Conc: 1.62 ng/ml



#25 Chlordane-3

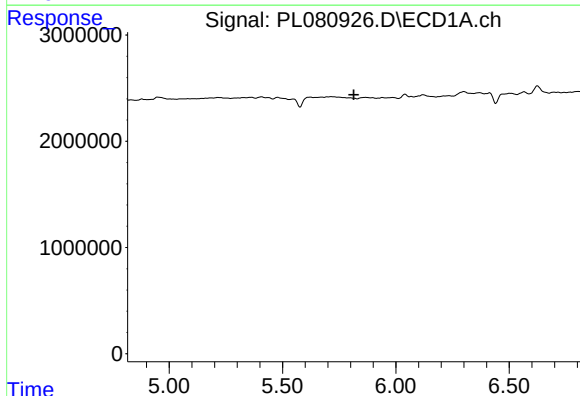
R.T.: 0.000 min  
Exp R.T.: 5.732 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



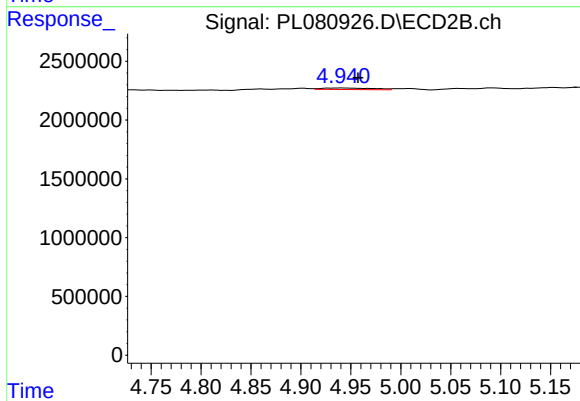
#25 Chlordane-3

R.T.: 4.902 min  
Delta R.T.: 0.008 min  
Response: 122526  
Conc: 0.46 ng/ml



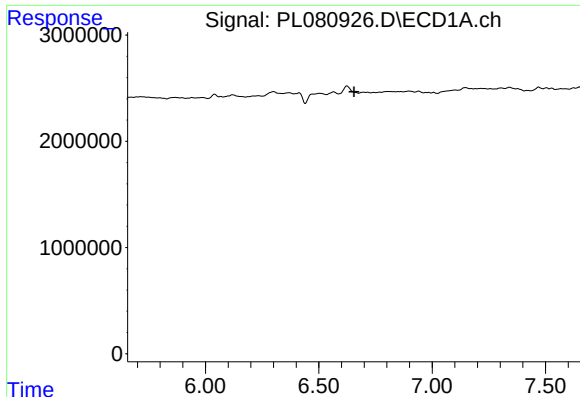
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

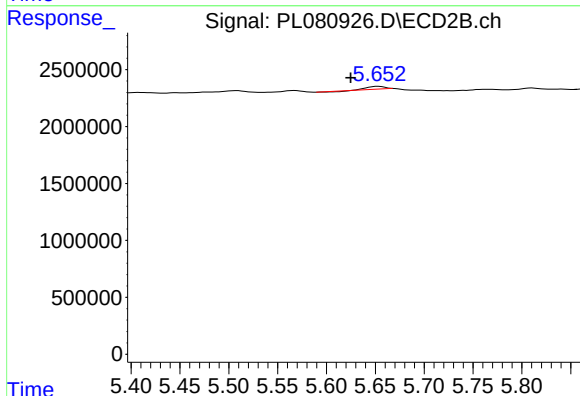
R.T.: 4.941 min  
Delta R.T.: -0.016 min  
Response: 460255  
Conc: 1.71 ng/ml



#27 Chlordane-5

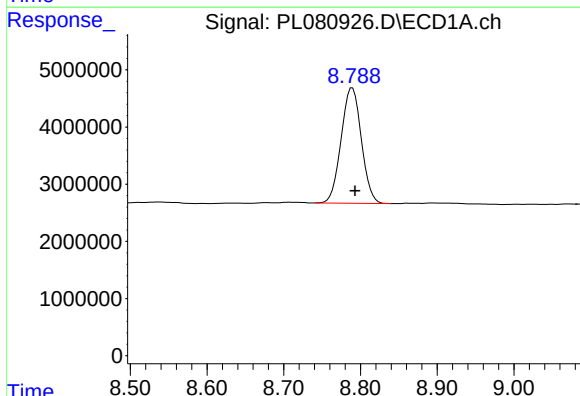
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



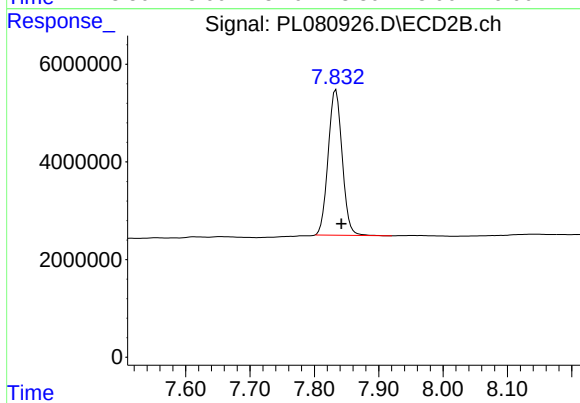
#27 Chlordane-5

R.T.: 5.653 min  
Delta R.T.: 0.028 min  
Response: 247440  
Conc: 3.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: -0.004 min  
Response: 37088071  
Conc: 21.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.008 min  
Response: 44993646  
Conc: 18.88 ng/ml