

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080917.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 16:36  
 Operator : AR\AJ  
 Sample : 01539-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 20:37:47 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... | 3.350  | 2.687  | 51715547 | 45596183 | 24.112 | 20.759  |
| 28)                         | SA Decachlor... | 8.786  | 7.831  | 31300033 | 38318707 | 17.878 | 16.083  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.175f | 0        | 168128   | N.D.   | 0.053 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.540f | 0        | 334875   | N.D.   | 0.112 # |
| 4)                          | MA Heptachlor   | 4.709  | 3.871  | 8297857  | 228186   | 2.808  | 0.072 # |
| 5)                          | MB Aldrin       | 0.000  | 4.160f | 0        | 542859   | N.D.   | 0.184 # |
| 6)                          | B beta-BHC      | 4.344f | 3.821  | 1078613  | 277179   | 0.790  | 0.208 # |
| 7)                          | B delta-BHC     | 4.568  | 4.041  | 7292163  | 113608   | 2.519  | 0.039 # |
| 8)                          | B Heptachlo...  | 5.498f | 4.631  | 4063523  | 62688    | 1.571  | 0.023 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.006  | 0        | 2504     | N.D.   | 0.001 # |
| 10)                         | B gamma-Chl...  | 5.726  | 4.889  | 673674   | 212964   | 0.267  | 0.075 # |
| 11)                         | B alpha-Chl...  | 5.809  | 4.947  | 363336   | 533772   | 0.144  | 0.186 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.178f | 0        | 203859   | N.D.   | 0.086 # |
| 13)                         | MA Dieldrin     | 6.123  | 5.273  | 628486   | 559813   | 0.263  | 0.207   |
| 14)                         | MA Endrin       | 0.000  | 5.565  | 0        | 52784    | N.D.   | 0.023 # |
| 15)                         | B Endosulfa...  | 6.564f | 0.000  | 726078   | 0        | 0.317  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.503  | 0.000  | 361462   | 0        | 0.197  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.947  | 0        | 96489    | N.D.   | 0.046 # |
| 18)                         | B Endrin al...  | 0.000  | 6.042  | 0        | 141545   | N.D.   | 0.078 # |
| 19)                         | B Endosulfa...  | 6.945  | 6.235f | -237480  | 320183   | N.D.   | 0.138   |
| 20)                         | A Methoxychlor  | 7.323f | 6.548  | 253158   | -206426  | 0.229  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.404f | 6.751  | 419063   | 5012     | 0.190  | 0.002 # |
| 22)                         | Mirex           | 7.903  | 0.000  | 84837    | 0        | 0.049  | N.D. #  |
| 23)                         | Chlordane-1     | 0.000  | 3.689  | 0        | 188726   | N.D.   | 2.318 # |
| 24)                         | Chlordane-2     | 5.002f | 4.256  | 377471   | 45407    | 3.914  | 0.504 # |
| 25)                         | Chlordane-3     | 5.726  | 4.889  | 673674   | 212964   | 1.994  | 0.807 # |
| 26)                         | Chlordane-4     | 5.809  | 4.947  | 363336   | 533772   | 0.842  | 1.982 # |
| 27)                         | Chlordane-5     | 0.000  | 5.649f | 0        | 513728   | N.D.   | 7.220 # |
| -----                       |                 |        |        |          |          |        |         |

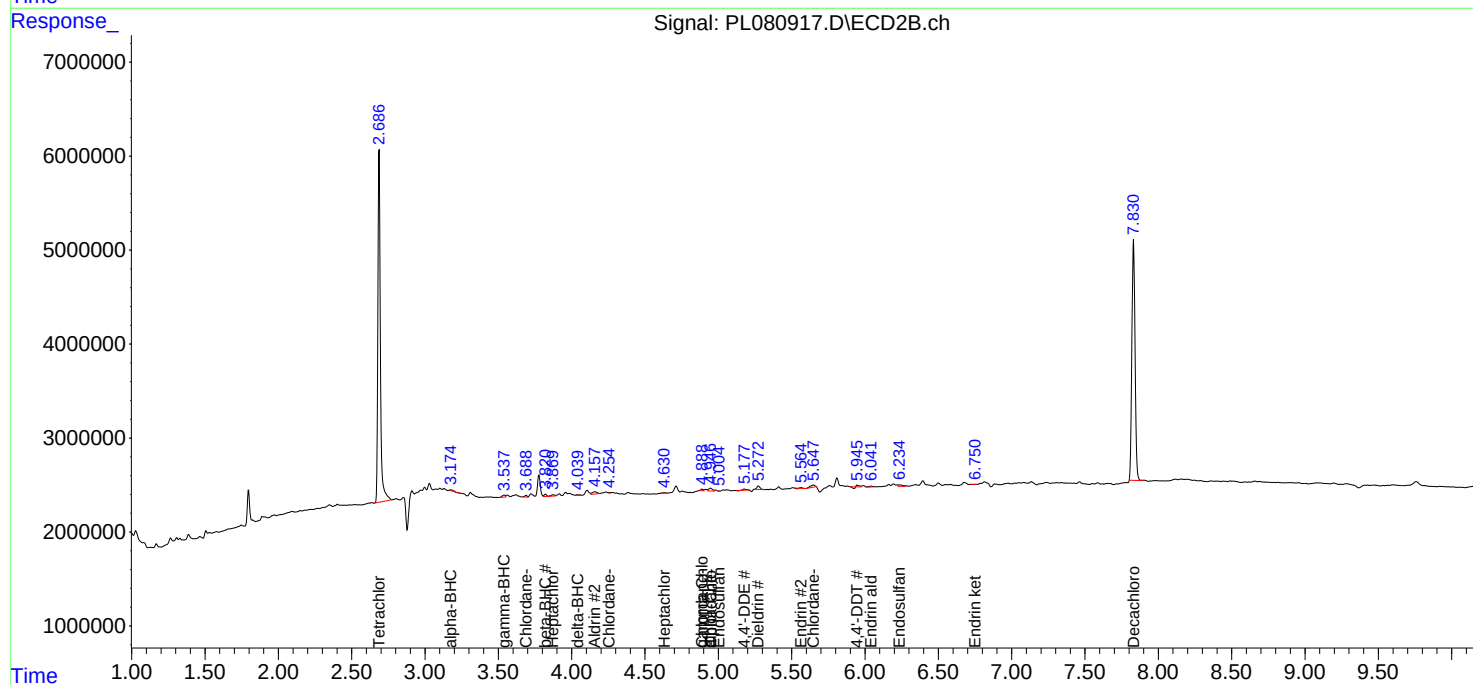
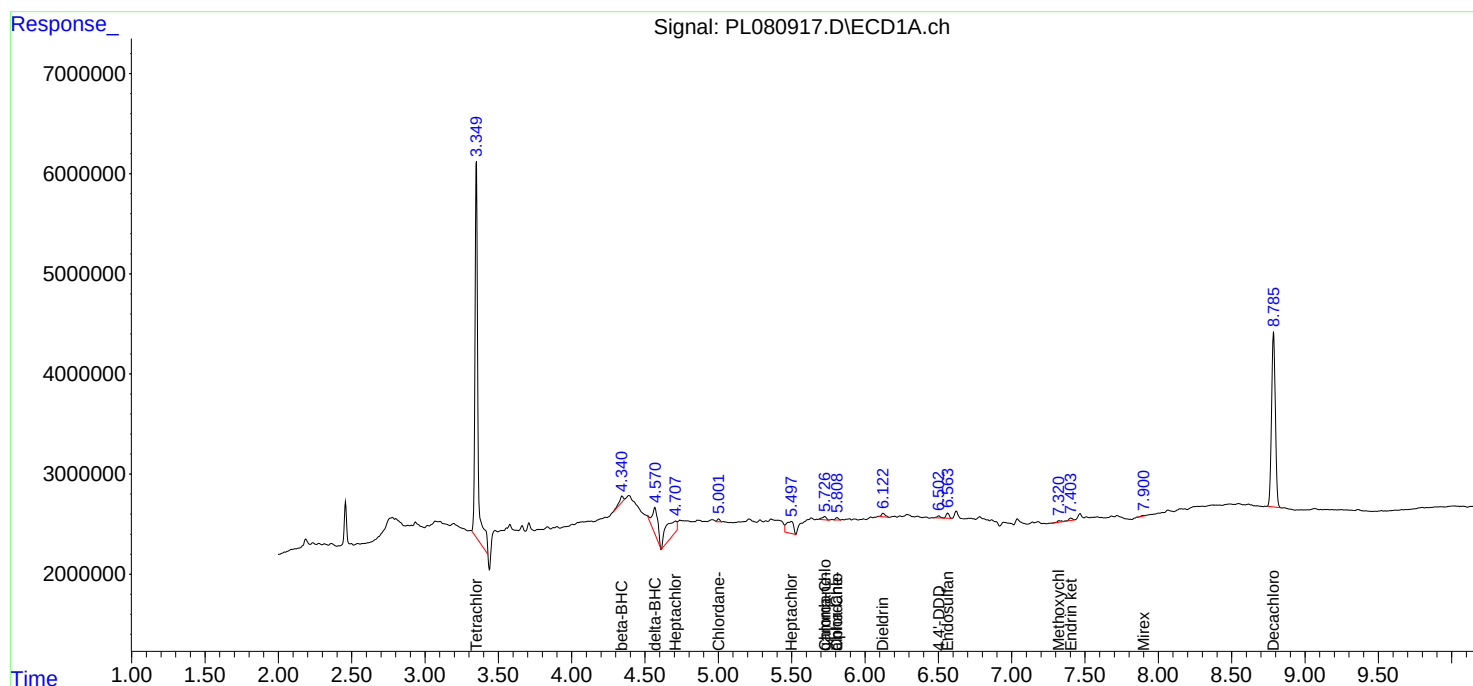
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

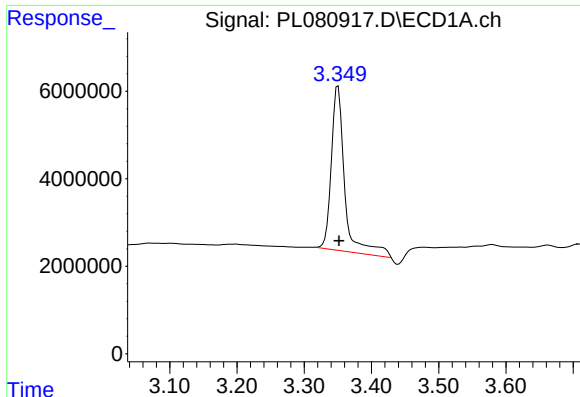
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080917.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2023 16:36  
Operator : AR\AJ  
Sample : 01539-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:37:47 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

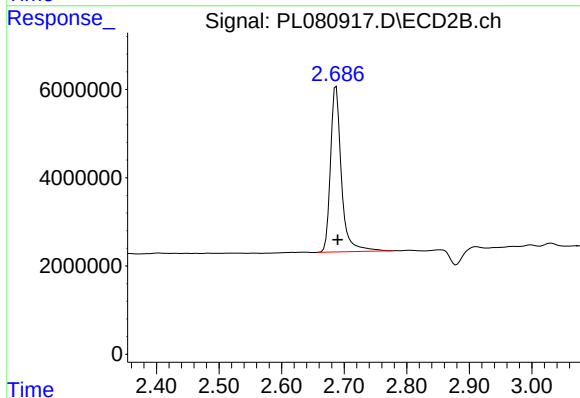




#1 Tetrachloro-m-xylene

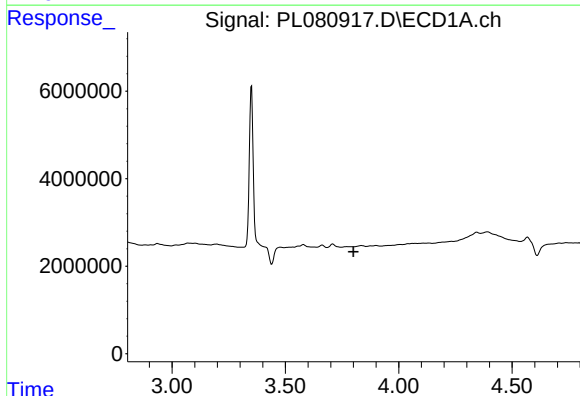
R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 51715547  
Conc: 24.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



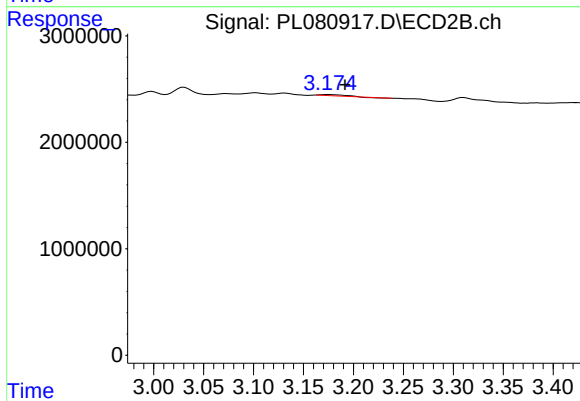
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.003 min  
Response: 45596183  
Conc: 20.76 ng/ml



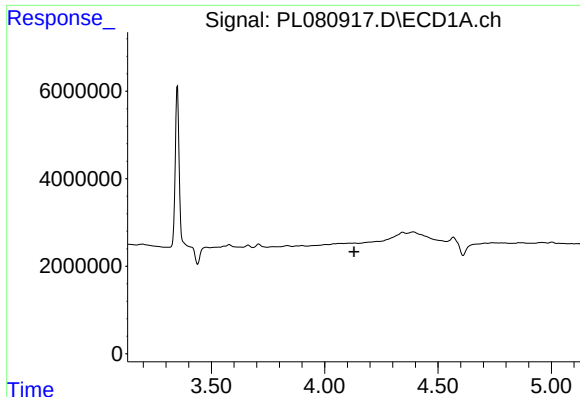
#2 alpha-BHC

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



#2 alpha-BHC

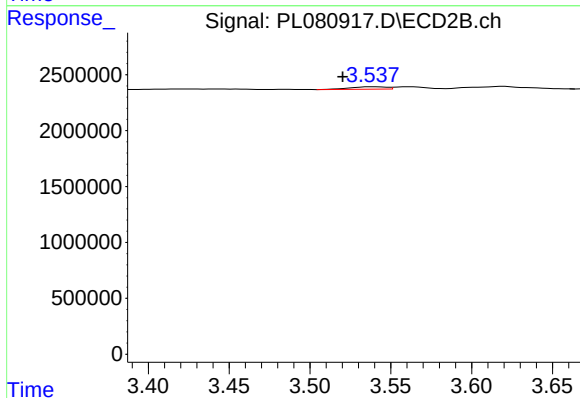
R.T.: 3.175 min  
Delta R.T.: -0.017 min  
Response: 168128  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

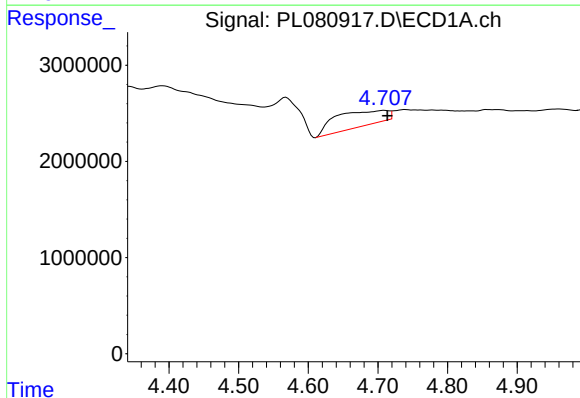
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



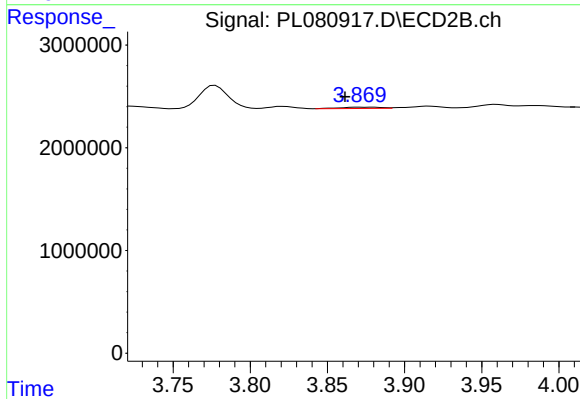
#3 gamma-BHC (Lindane)

R.T.: 3.540 min  
Delta R.T.: 0.019 min  
Response: 334875  
Conc: 0.11 ng/ml



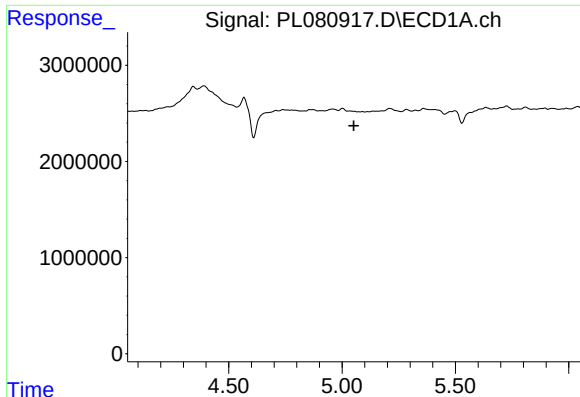
#4 Heptachlor

R.T.: 4.709 min  
Delta R.T.: -0.004 min  
Response: 8297857  
Conc: 2.81 ng/ml



#4 Heptachlor

R.T.: 3.871 min  
Delta R.T.: 0.009 min  
Response: 228186  
Conc: 0.07 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

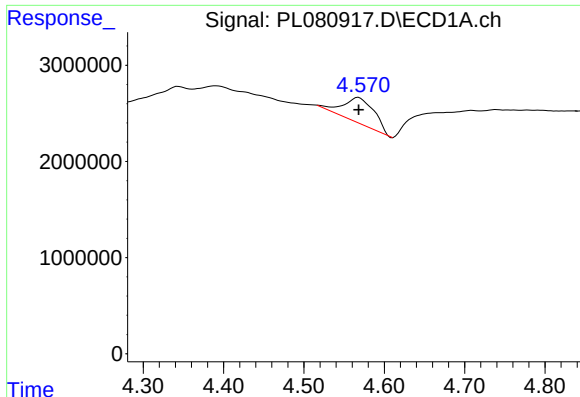
R.T.: 4.160 min  
Delta R.T.: 0.018 min  
Response: 542859  
Conc: 0.18 ng/ml

#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: 0.019 min  
Response: 1078613  
Conc: 0.79 ng/ml

#6 beta-BHC

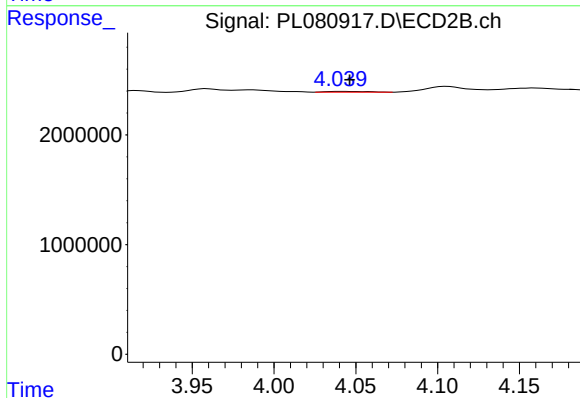
R.T.: 3.821 min  
Delta R.T.: 0.005 min  
Response: 277179  
Conc: 0.21 ng/ml



#7 delta-BHC

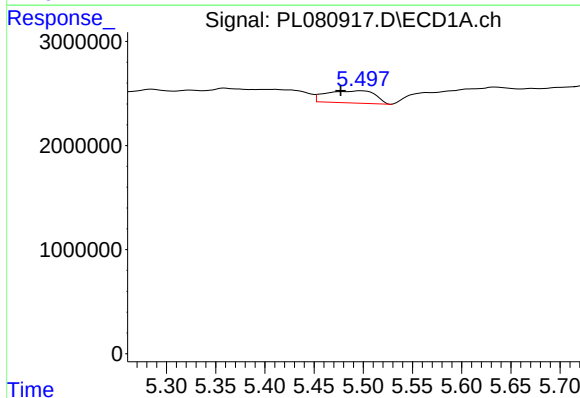
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 7292163  
Conc: 2.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



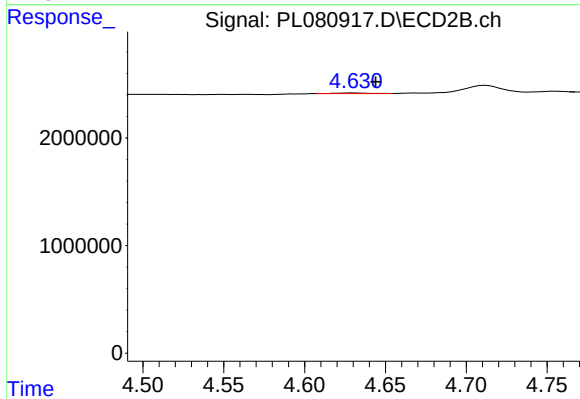
#7 delta-BHC

R.T.: 4.041 min  
Delta R.T.: -0.006 min  
Response: 113608  
Conc: 0.04 ng/ml



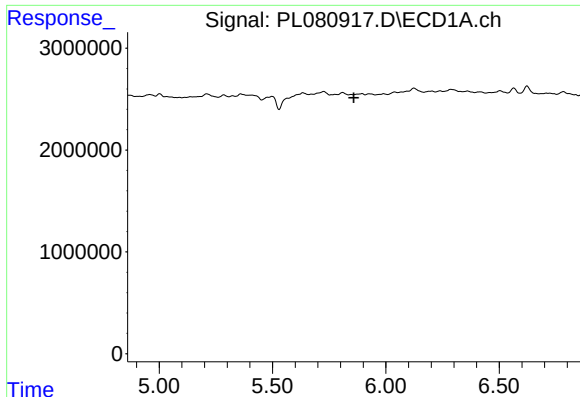
#8 Heptachlor epoxide

R.T.: 5.498 min  
Delta R.T.: 0.021 min  
Response: 4063523  
Conc: 1.57 ng/ml



#8 Heptachlor epoxide

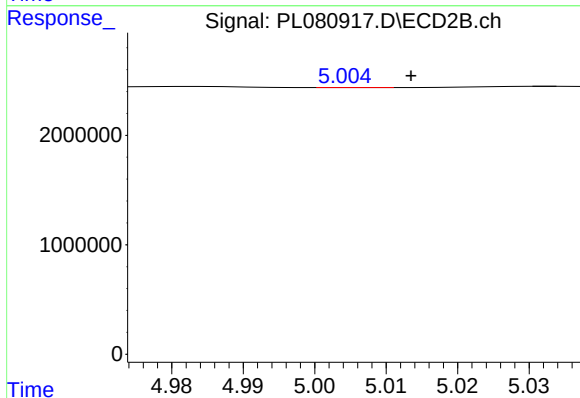
R.T.: 4.631 min  
Delta R.T.: -0.013 min  
Response: 62688  
Conc: 0.02 ng/ml



#9 Endosulfan I

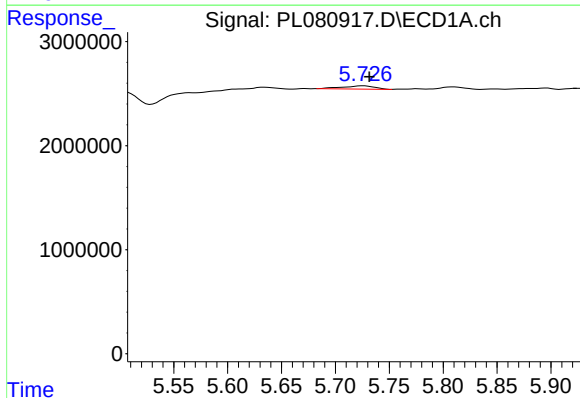
R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



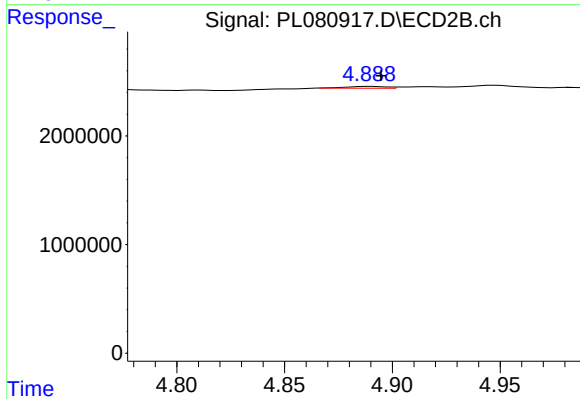
#9 Endosulfan I

R.T.: 5.006 min  
Delta R.T.: -0.008 min  
Response: 2504  
Conc: 0.00 ng/ml



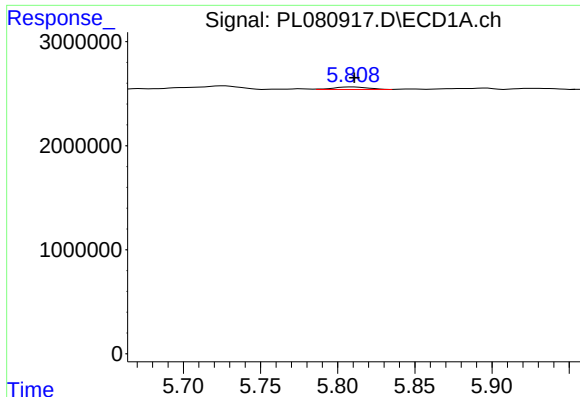
#10 gamma-Chlordane

R.T.: 5.726 min  
Delta R.T.: -0.006 min  
Response: 673674  
Conc: 0.27 ng/ml



#10 gamma-Chlordane

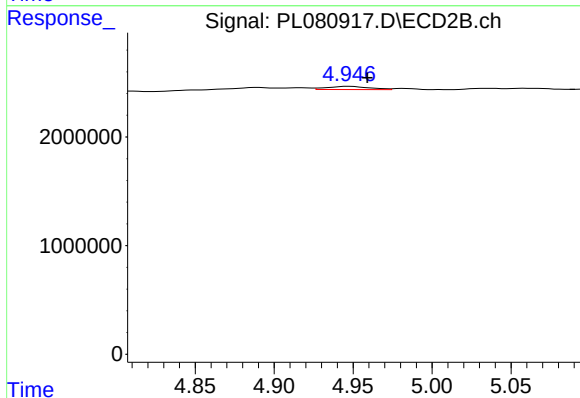
R.T.: 4.889 min  
Delta R.T.: -0.005 min  
Response: 212964  
Conc: 0.08 ng/ml



#11 alpha-Chlordane

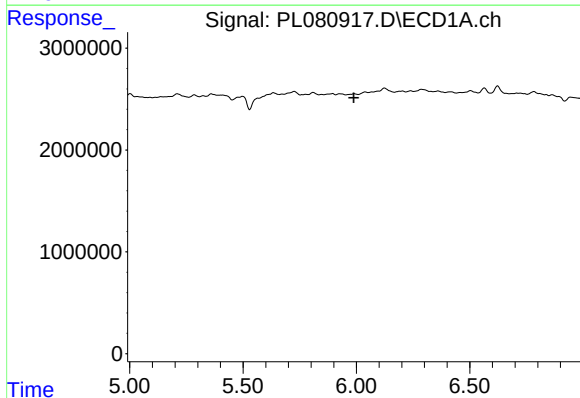
R.T.: 5.809 min  
Delta R.T.: -0.001 min  
Response: 363336  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



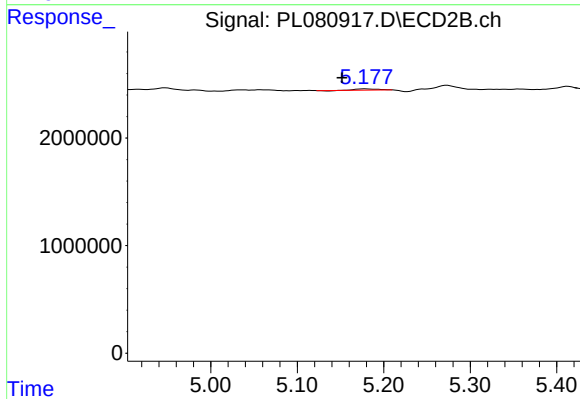
#11 alpha-Chlordane

R.T.: 4.947 min  
Delta R.T.: -0.012 min  
Response: 533772  
Conc: 0.19 ng/ml



#12 4,4'-DDE

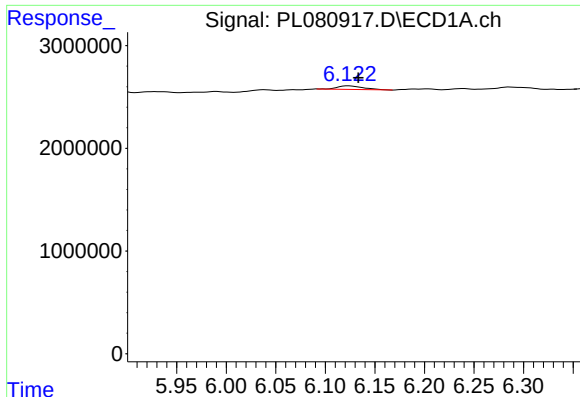
R.T.: 0.000 min  
Exp R.T. : 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.178 min  
Delta R.T.: 0.026 min  
Response: 203859  
Conc: 0.09 ng/ml

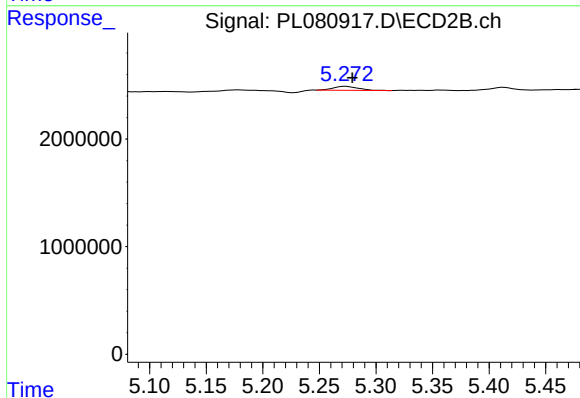




#13 Dieldrin

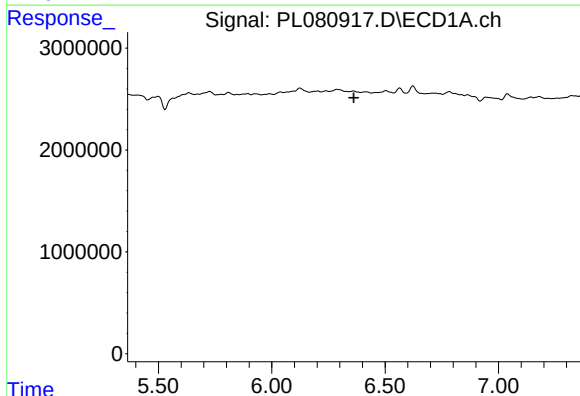
R.T.: 6.123 min  
Delta R.T.: -0.010 min  
Response: 628486  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



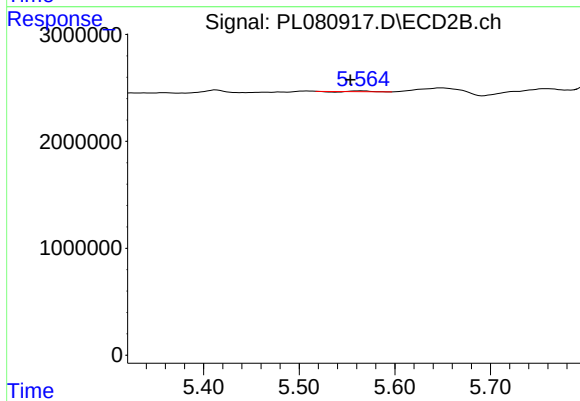
#13 Dieldrin

R.T.: 5.273 min  
Delta R.T.: -0.006 min  
Response: 559813  
Conc: 0.21 ng/ml



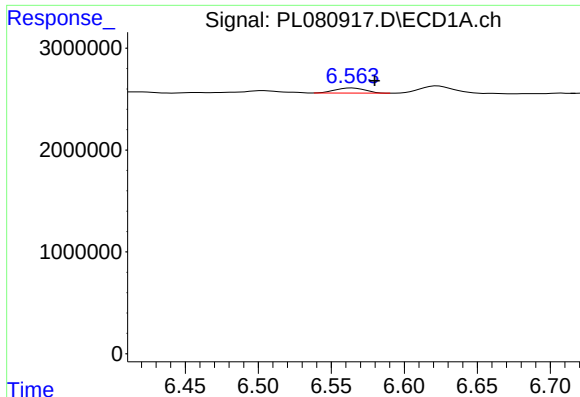
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.361 min  
Response: 0  
Conc: N.D.



#14 Endrin

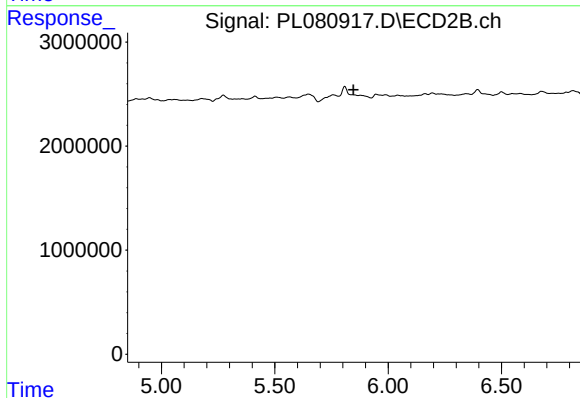
R.T.: 5.565 min  
Delta R.T.: 0.012 min  
Response: 52784  
Conc: 0.02 ng/ml



#15 Endosulfan II

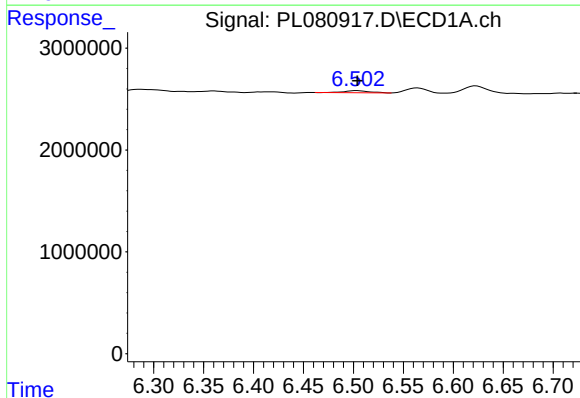
R.T.: 6.564 min  
Delta R.T.: -0.016 min  
Response: 726078  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



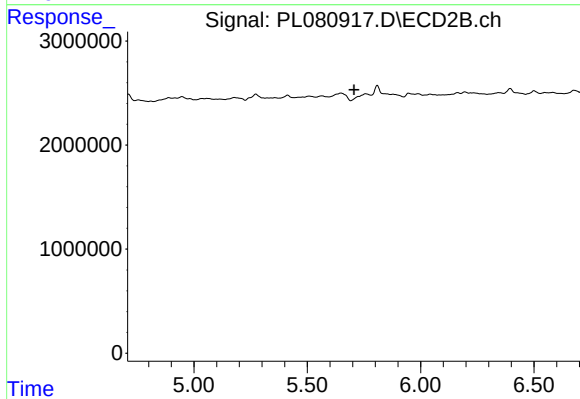
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.848 min  
Response: 0  
Conc: N.D.



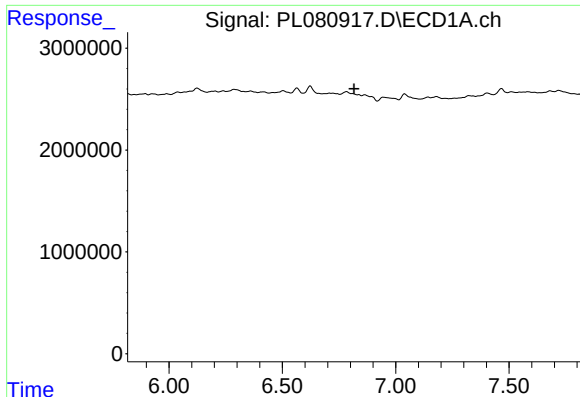
#16 4,4'-DDD

R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 361462  
Conc: 0.20 ng/ml



#16 4,4'-DDD

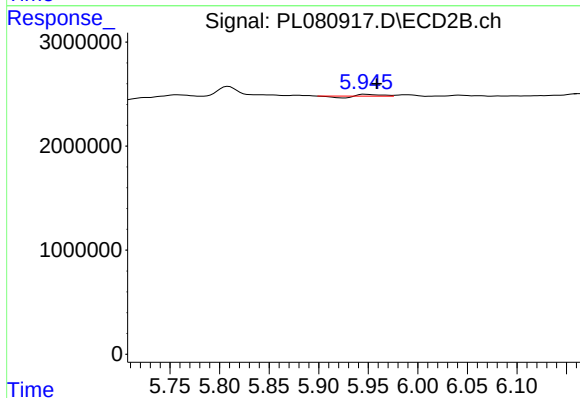
R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

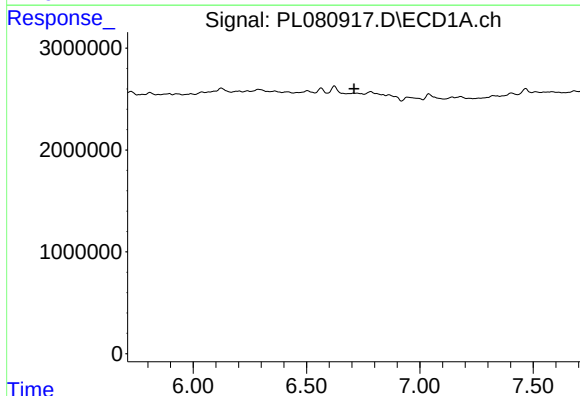
R.T.: 0.000 min  
Exp R.T.: 6.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



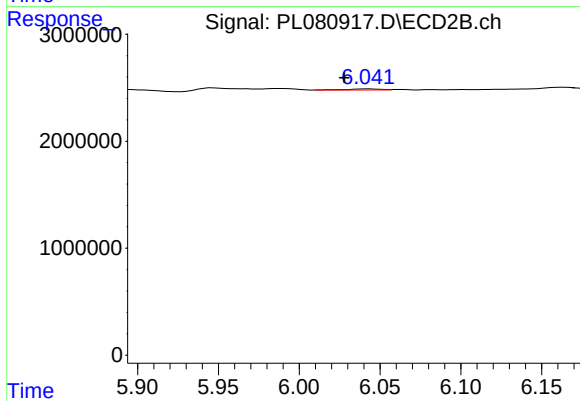
#17 4,4'-DDT

R.T.: 5.947 min  
Delta R.T.: -0.012 min  
Response: 96489  
Conc: 0.05 ng/ml



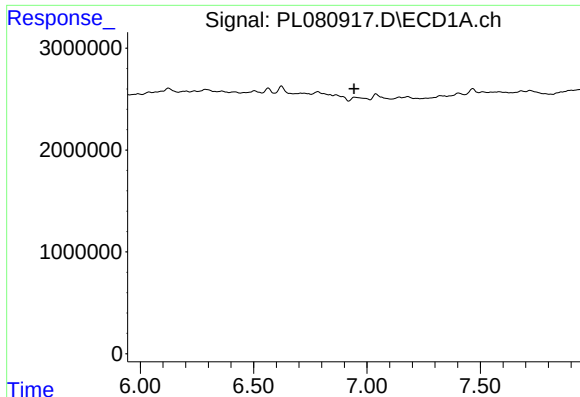
#18 Endrin aldehyde

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



#18 Endrin aldehyde

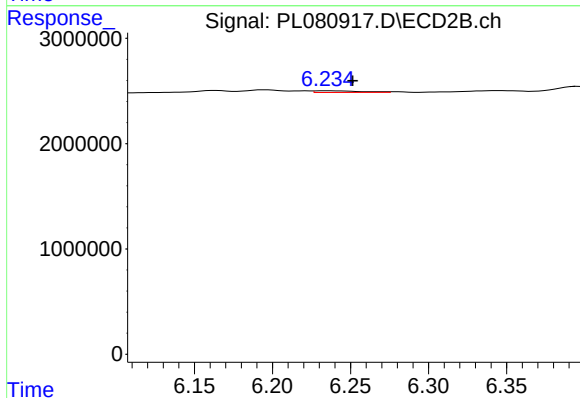
R.T.: 6.042 min  
Delta R.T.: 0.015 min  
Response: 141545  
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

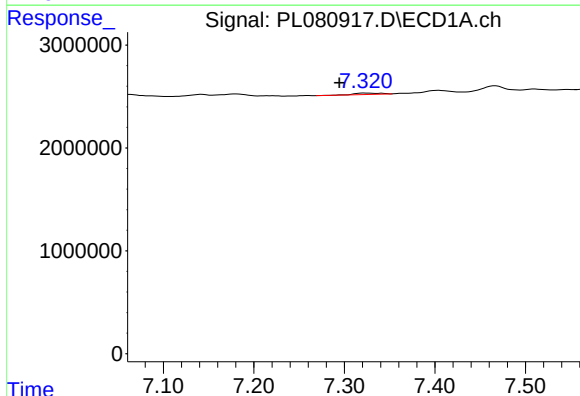
R.T.: 6.945 min  
Delta R.T.: 0.002 min  
Response: -237480  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



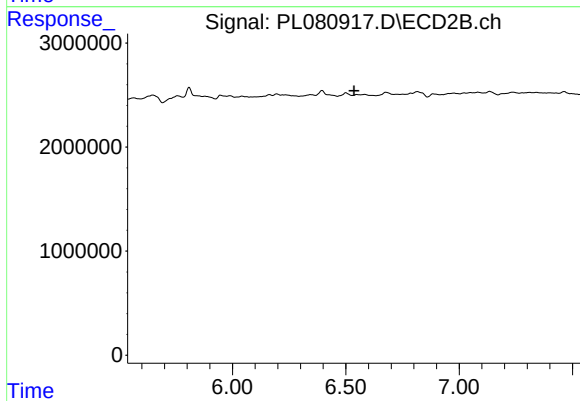
#19 Endosulfan Sulfate

R.T.: 6.235 min  
Delta R.T.: -0.016 min  
Response: 320183  
Conc: 0.14 ng/ml



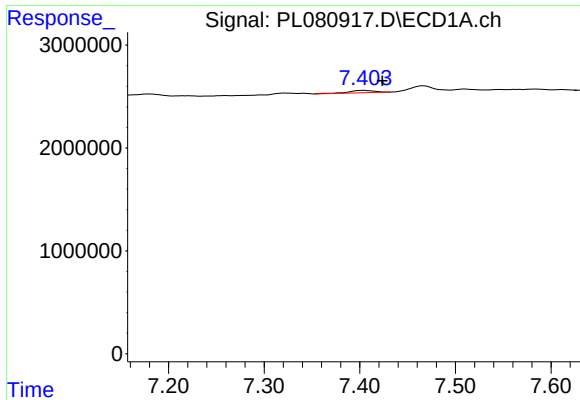
#20 Methoxychlor

R.T.: 7.323 min  
Delta R.T.: 0.028 min  
Response: 253158  
Conc: 0.23 ng/ml



#20 Methoxychlor

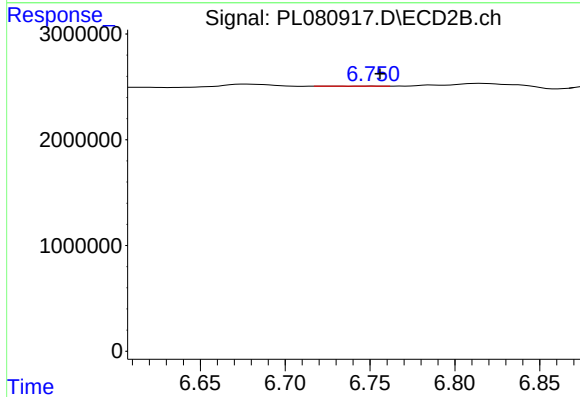
R.T.: 6.548 min  
Delta R.T.: 0.012 min  
Response: -206426  
Conc: N.D.



#21 Endrin ketone

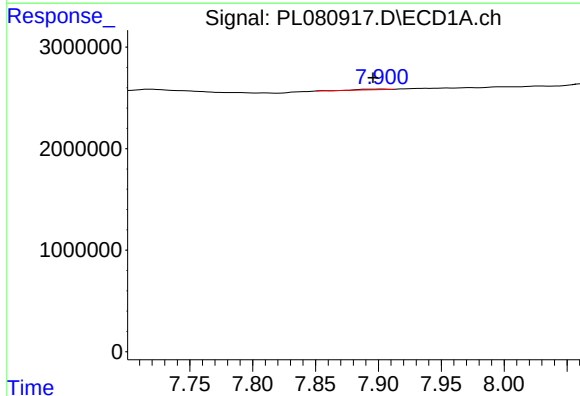
R.T.: 7.404 min  
Delta R.T.: -0.019 min  
Response: 419063  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



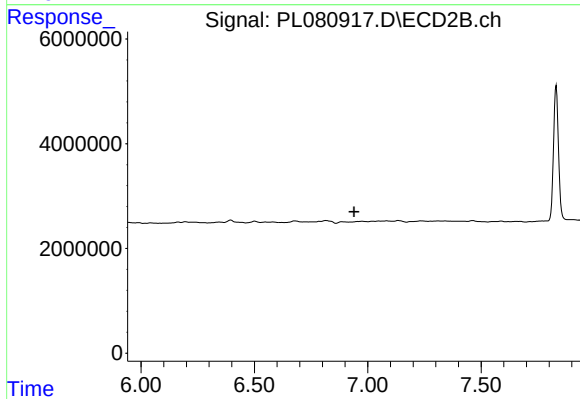
#21 Endrin ketone

R.T.: 6.751 min  
Delta R.T.: -0.004 min  
Response: 5012  
Conc: 0.00 ng/ml



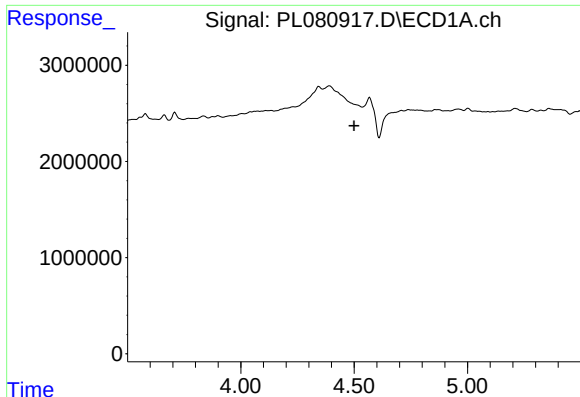
#22 Mirex

R.T.: 7.903 min  
Delta R.T.: 0.007 min  
Response: 84837  
Conc: 0.05 ng/ml



#22 Mirex

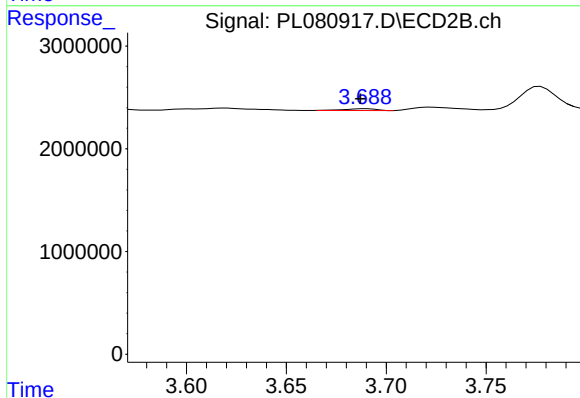
R.T.: 0.000 min  
Exp R.T. : 6.940 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

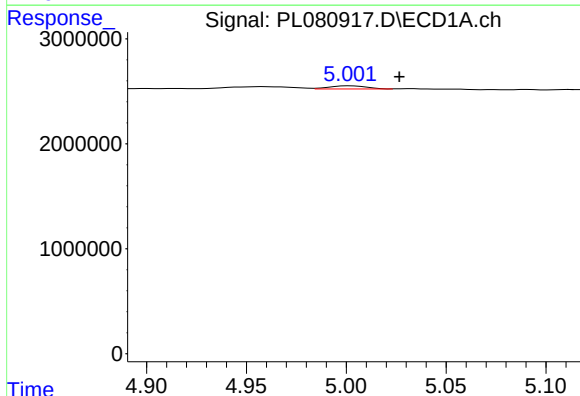
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



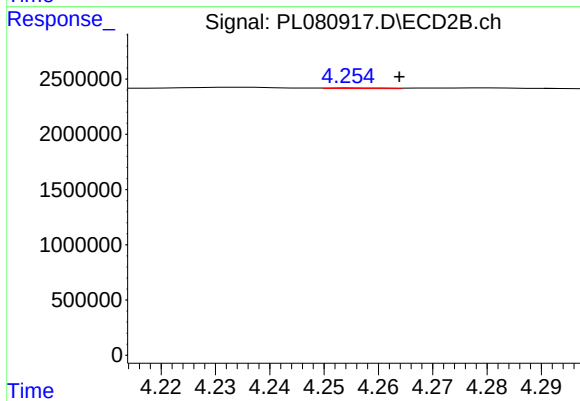
#23 Chlordane-1

R.T.: 3.689 min  
Delta R.T.: 0.002 min  
Response: 188726  
Conc: 2.32 ng/ml



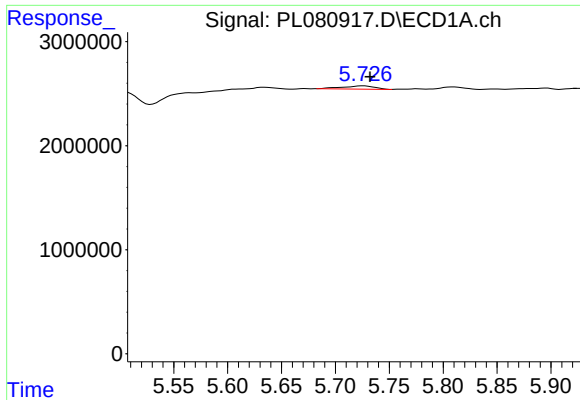
#24 Chlordane-2

R.T.: 5.002 min  
Delta R.T.: -0.025 min  
Response: 377471  
Conc: 3.91 ng/ml



#24 Chlordane-2

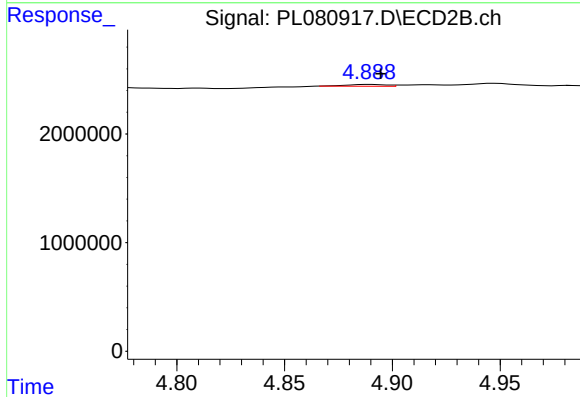
R.T.: 4.256 min  
Delta R.T.: -0.008 min  
Response: 45407  
Conc: 0.50 ng/ml



#25 Chlordane-3

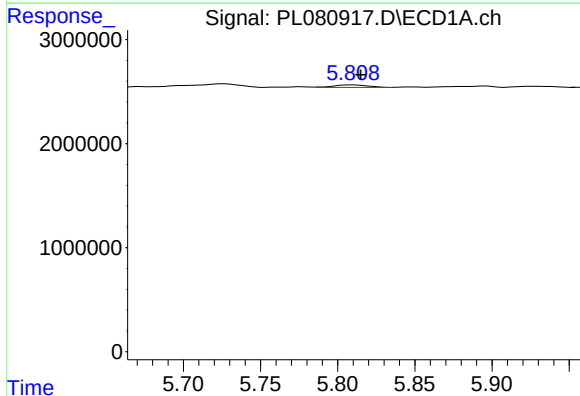
R.T.: 5.726 min  
Delta R.T.: -0.006 min  
Response: 673674  
Conc: 1.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



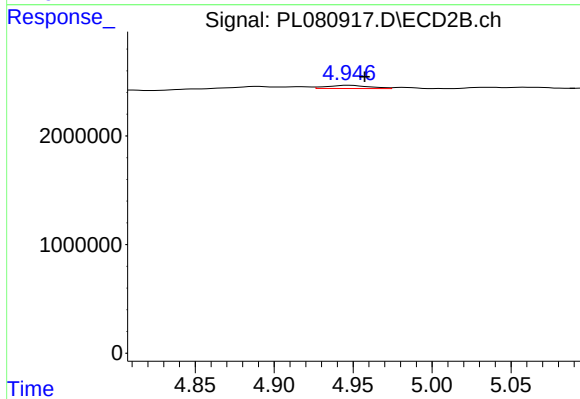
#25 Chlordane-3

R.T.: 4.889 min  
Delta R.T.: -0.005 min  
Response: 212964  
Conc: 0.81 ng/ml



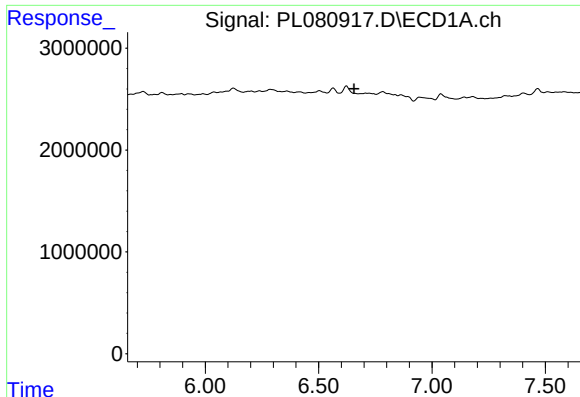
#26 Chlordane-4

R.T.: 5.809 min  
Delta R.T.: -0.006 min  
Response: 363336  
Conc: 0.84 ng/ml



#26 Chlordane-4

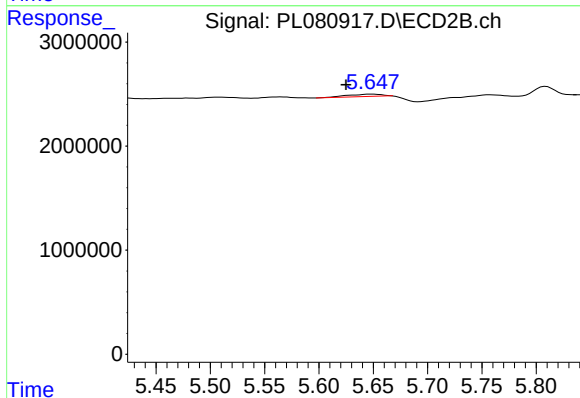
R.T.: 4.947 min  
Delta R.T.: -0.010 min  
Response: 533772  
Conc: 1.98 ng/ml



#27 Chlordane-5

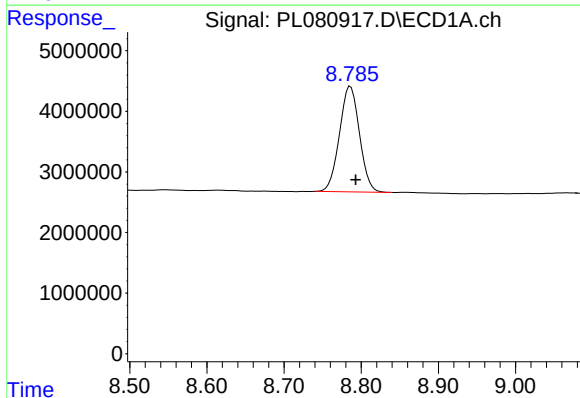
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



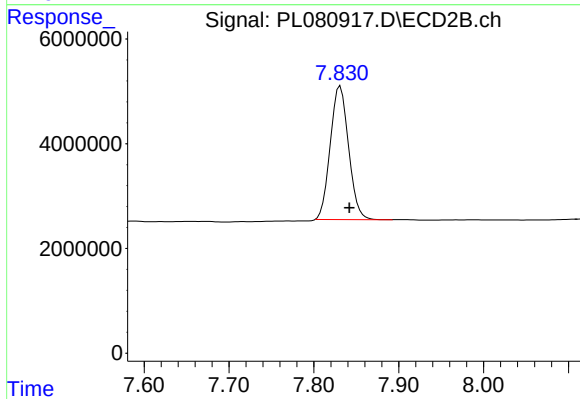
#27 Chlordane-5

R.T.: 5.649 min  
Delta R.T.: 0.024 min  
Response: 513728  
Conc: 7.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 31300033  
Conc: 17.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.831 min  
Delta R.T.: -0.011 min  
Response: 38318707  
Conc: 16.08 ng/ml