

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012523\  
 Data File : PL080520.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2023 10:49  
 Operator : AR\AJ  
 Sample : 01260-22  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 25 20:54:20 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... | 3.351  | 2.689  | 42810976 | 40088952 | 19.960 | 18.252  |
| 28)                         | SA Decachlor... | 8.785  | 7.835  | 31689145 | 39499161 | 18.100 | 16.579  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.176f | 0        | 237422   | N.D.   | 0.075 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.547f | 0        | 848903   | N.D.   | 0.284 # |
| 4)                          | MA Heptachlor   | 4.743f | 3.875  | 427429   | 336025   | 0.145  | 0.106 # |
| 5)                          | MB Aldrin       | 0.000  | 4.150  | 0        | 250089   | N.D.   | 0.085 # |
| 6)                          | B beta-BHC      | 4.344f | 3.825  | 460105   | 456439   | 0.337  | 0.342   |
| 7)                          | B delta-BHC     | 4.560  | 4.045  | 547861   | 92174    | 0.189  | 0.032 # |
| 8)                          | B Heptachlo...  | 5.471  | 4.634  | 364817   | 20999    | 0.141  | 0.008 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.035f | 0        | 184125   | N.D.   | 0.071 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.874f | 0        | 29956    | N.D.   | 0.011 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.939f | 0        | 389038   | N.D.   | 0.136 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.157  | 0        | 23395    | N.D.   | 0.010 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.280  | 0        | 474878   | N.D.   | 0.176 # |
| 15)                         | B Endosulfa...  | 6.563f | 5.852  | 353704   | -136779  | 0.154  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.978f | 0        | 156787   | N.D.   | 0.075 # |
| 18)                         | B Endrin al...  | 0.000  | 6.037  | 0        | 25453    | N.D.   | 0.014 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.548  | 0        | 61588    | N.D.   | 0.051 # |
| 21)                         | B Endrin ke...  | 7.421  | 6.745  | 63754    | 56448    | 0.029  | 0.022   |
| 23)                         | Chlordane-1     | 0.000  | 3.689  | 0        | 453824   | N.D.   | 5.573 # |
| 24)                         | Chlordane-2     | 0.000  | 4.274  | 0        | 212153   | N.D.   | 2.353 # |
| 25)                         | Chlordane-3     | 0.000  | 4.874f | 0        | 29956    | N.D.   | 0.114 # |
| 26)                         | Chlordane-4     | 0.000  | 4.939f | 0        | 389038   | N.D.   | 1.445 # |
| 27)                         | Chlordane-5     | 0.000  | 5.652f | 0        | 320487   | N.D.   | 4.504 # |
| -----                       |                 |        |        |          |          |        |         |

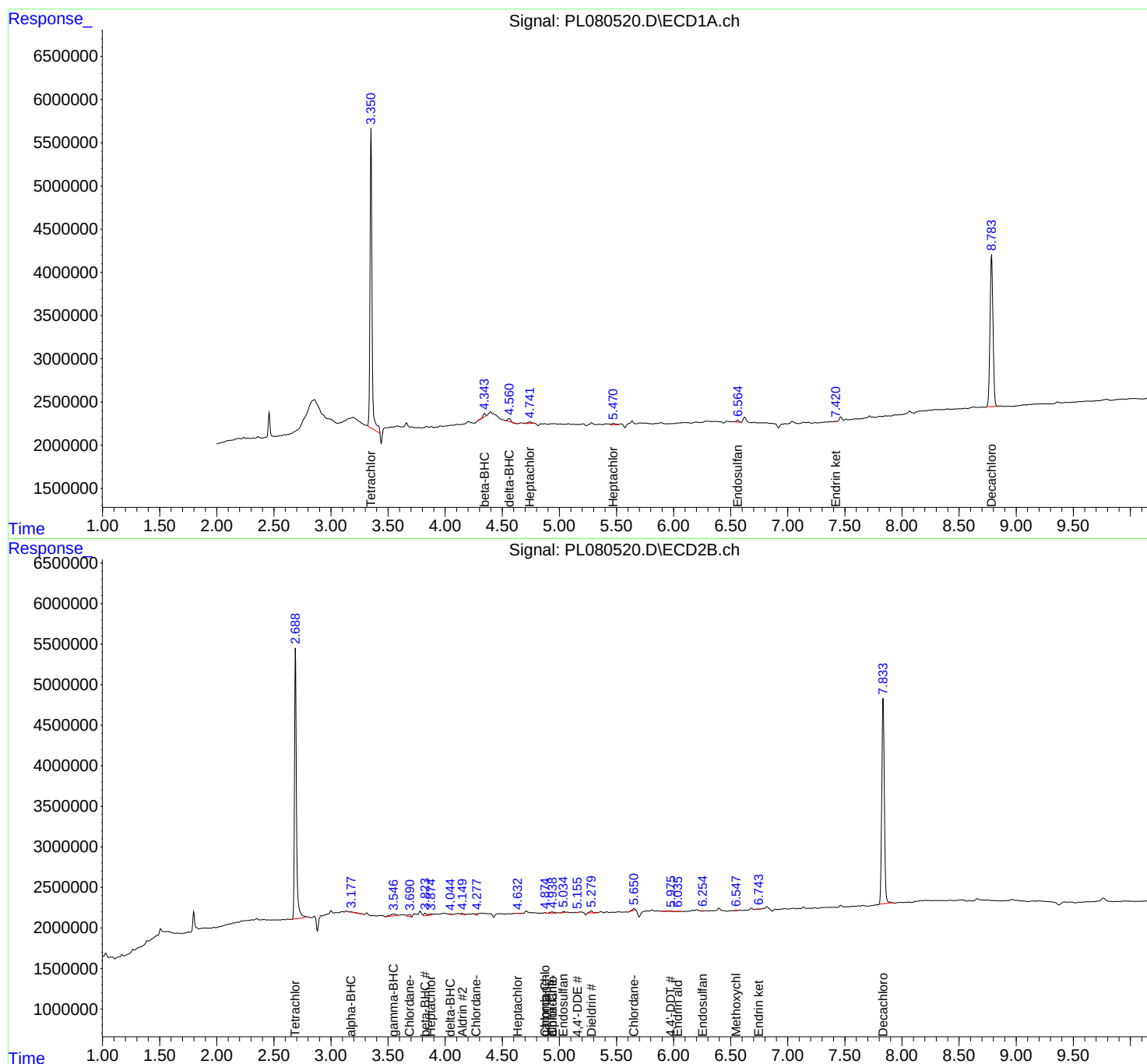
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

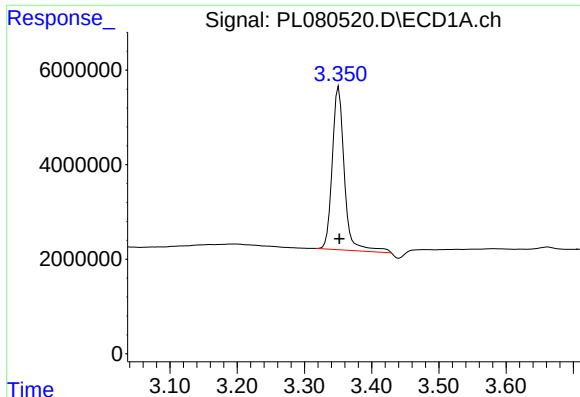
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012523\  
Data File : PL080520.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2023 10:49  
Operator : AR\AJ  
Sample : 01260-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 25 20:54:20 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  
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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

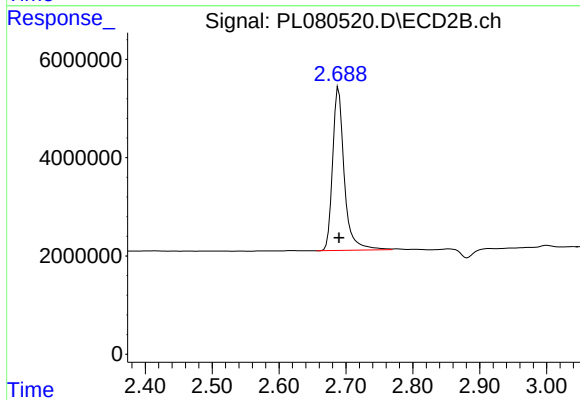




#1 Tetrachloro-m-xylene

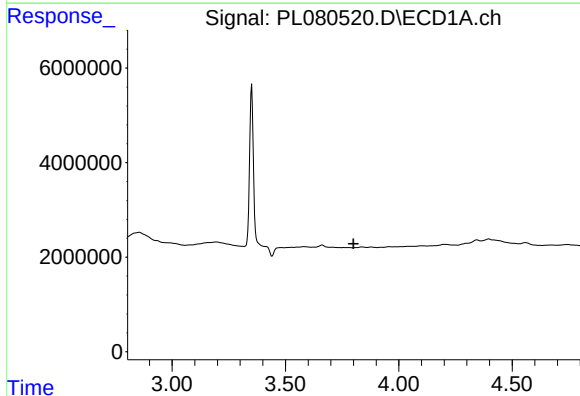
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 42810976  
Conc: 19.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



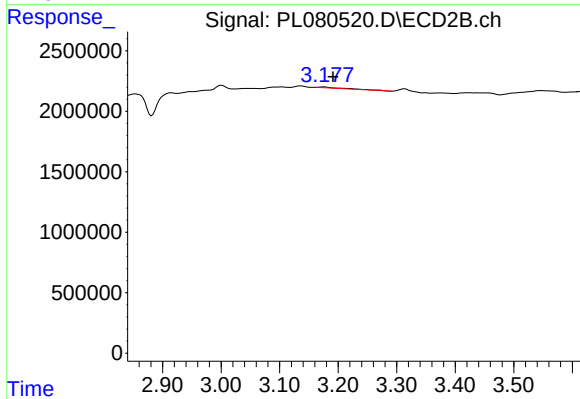
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 40088952  
Conc: 18.25 ng/ml



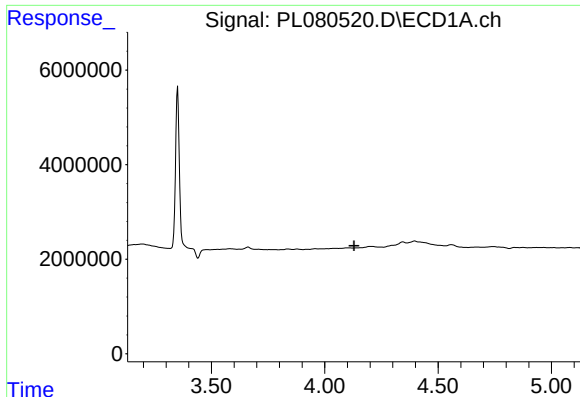
#2 alpha-BHC

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



#2 alpha-BHC

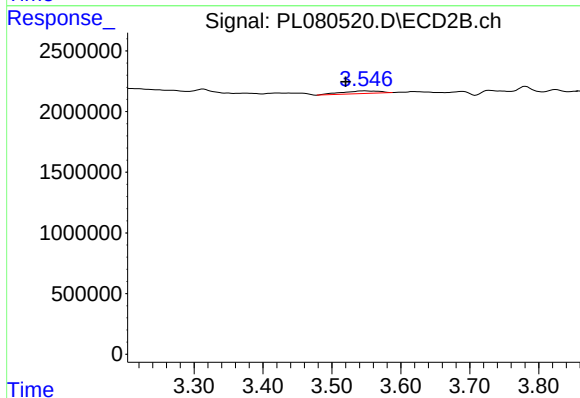
R.T.: 3.176 min  
Delta R.T.: -0.016 min  
Response: 237422  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

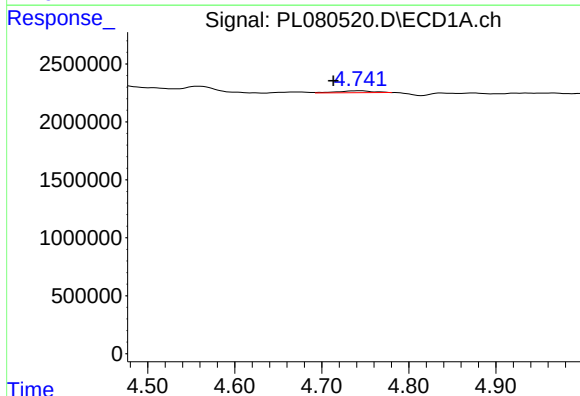
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



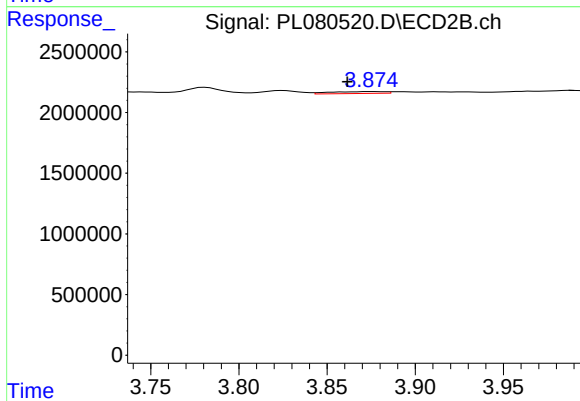
#3 gamma-BHC (Lindane)

R.T.: 3.547 min  
Delta R.T.: 0.027 min  
Response: 848903  
Conc: 0.28 ng/ml



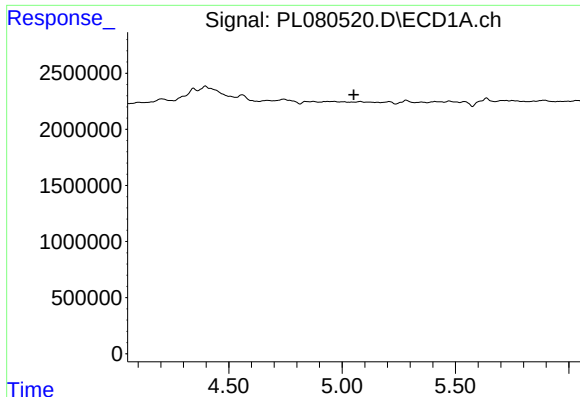
#4 Heptachlor

R.T.: 4.743 min  
Delta R.T.: 0.030 min  
Response: 427429  
Conc: 0.14 ng/ml



#4 Heptachlor

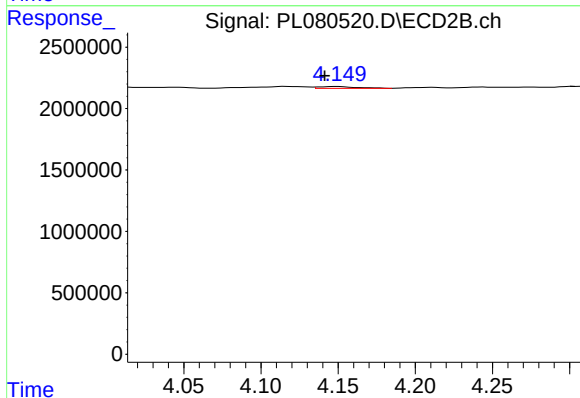
R.T.: 3.875 min  
Delta R.T.: 0.014 min  
Response: 336025  
Conc: 0.11 ng/ml



#5 Aldrin

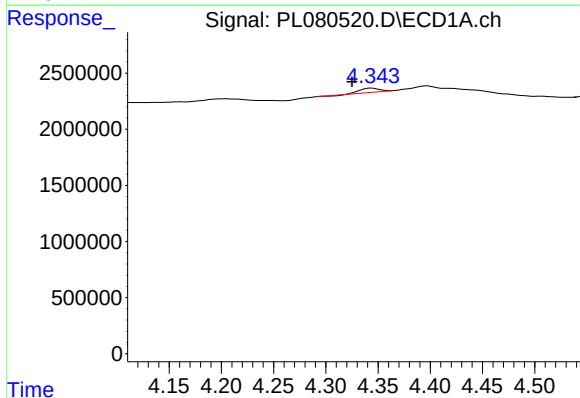
R.T.: 0.000 min  
Exp R.T.: 5.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



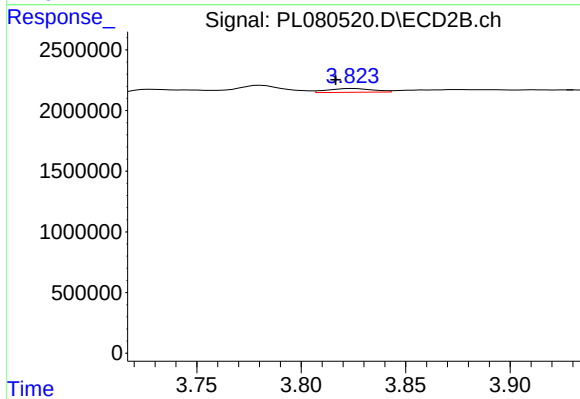
#5 Aldrin

R.T.: 4.150 min  
Delta R.T.: 0.009 min  
Response: 250089  
Conc: 0.08 ng/ml



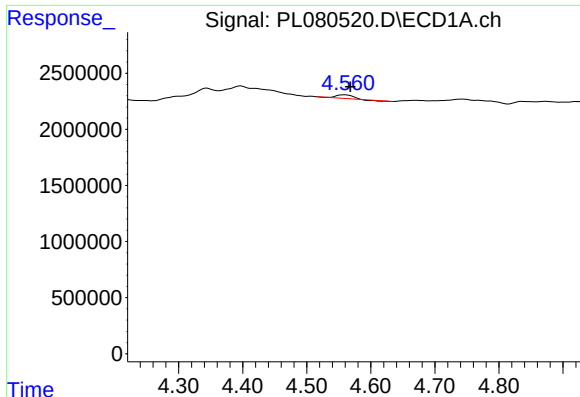
#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: 0.019 min  
Response: 460105  
Conc: 0.34 ng/ml



#6 beta-BHC

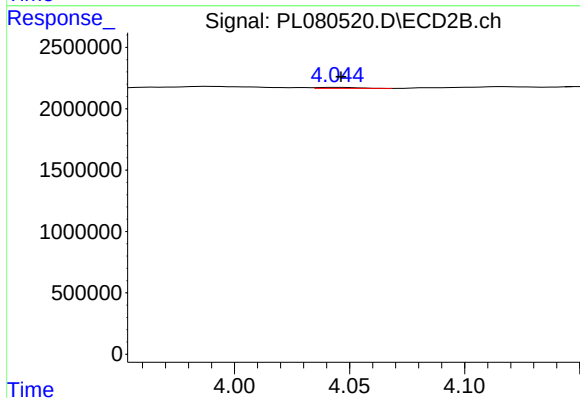
R.T.: 3.825 min  
Delta R.T.: 0.008 min  
Response: 456439  
Conc: 0.34 ng/ml



#7 delta-BHC

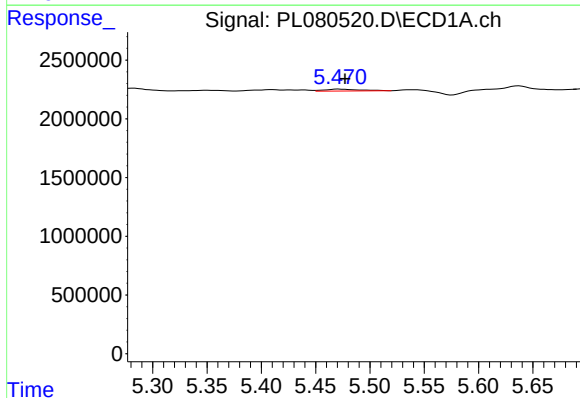
R.T.: 4.560 min  
Delta R.T.: -0.009 min  
Response: 547861  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



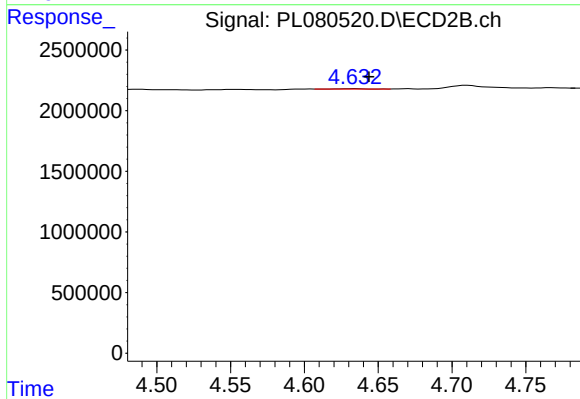
#7 delta-BHC

R.T.: 4.045 min  
Delta R.T.: -0.002 min  
Response: 92174  
Conc: 0.03 ng/ml



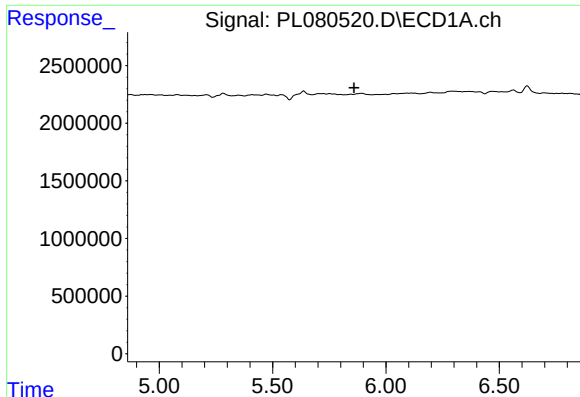
#8 Heptachlor epoxide

R.T.: 5.471 min  
Delta R.T.: -0.006 min  
Response: 364817  
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

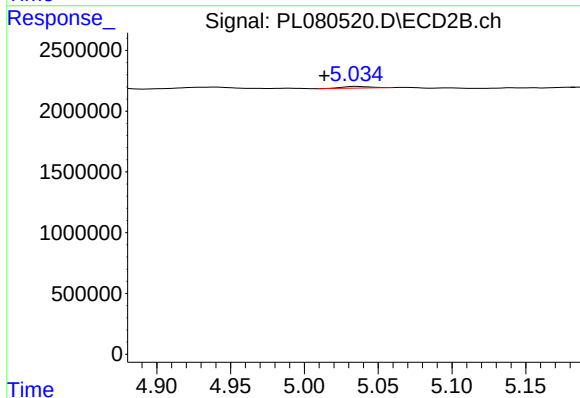
R.T.: 4.634 min  
Delta R.T.: -0.010 min  
Response: 20999  
Conc: 0.01 ng/ml



#9 Endosulfan I

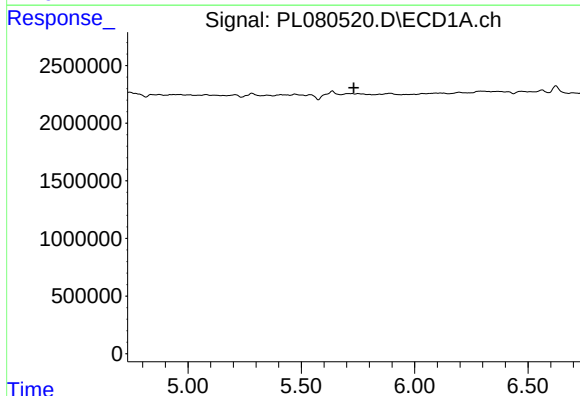
R.T.: 0.000 min  
Exp R.T.: 5.859 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



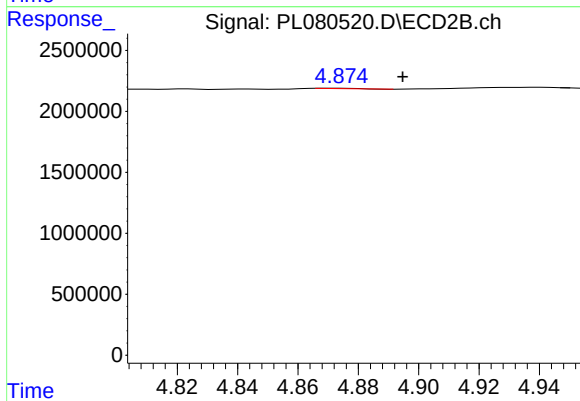
#9 Endosulfan I

R.T.: 5.035 min  
Delta R.T.: 0.022 min  
Response: 184125  
Conc: 0.07 ng/ml



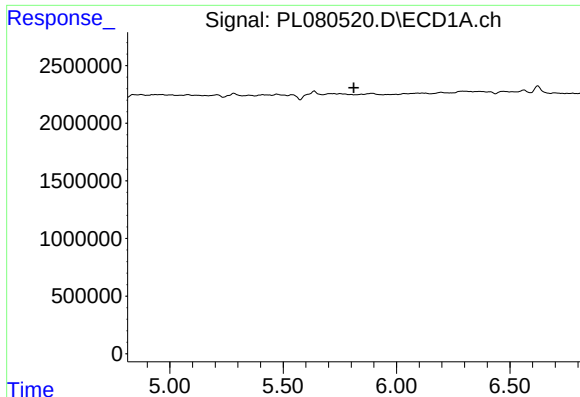
#10 gamma-Chlordane

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



#10 gamma-Chlordane

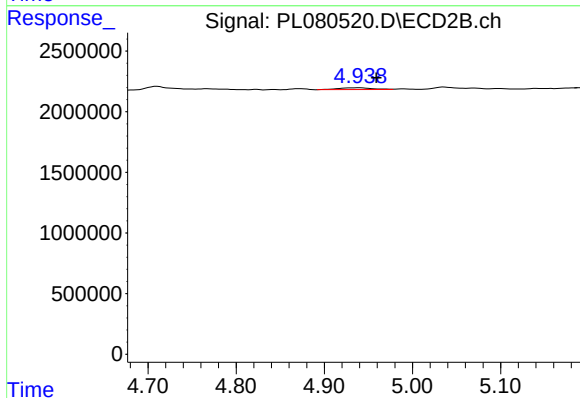
R.T.: 4.874 min  
Delta R.T.: -0.021 min  
Response: 29956  
Conc: 0.01 ng/ml



#11 alpha-Chlordane

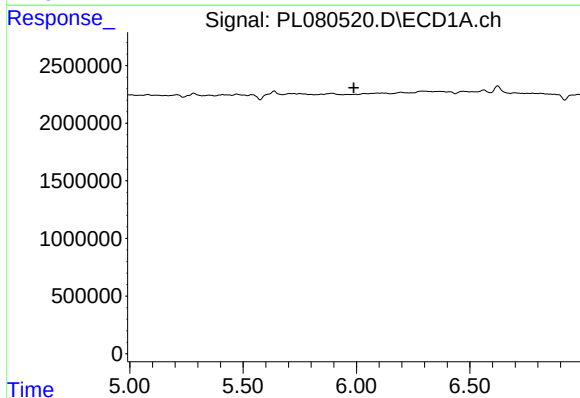
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



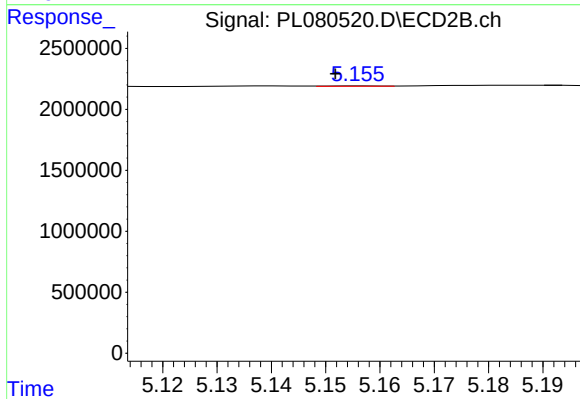
#11 alpha-Chlordane

R.T.: 4.939 min  
Delta R.T.: -0.020 min  
Response: 389038  
Conc: 0.14 ng/ml



#12 4,4'-DDE

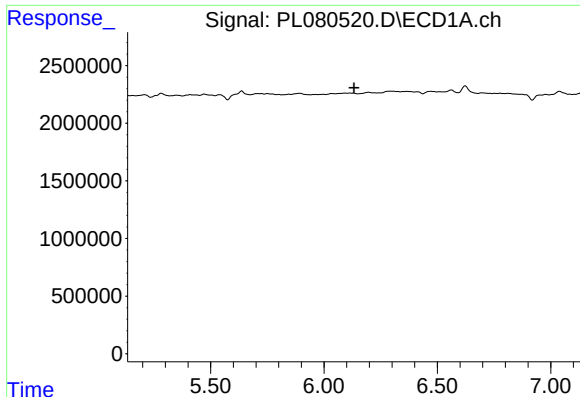
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.157 min  
Delta R.T.: 0.005 min  
Response: 23395  
Conc: 0.01 ng/ml

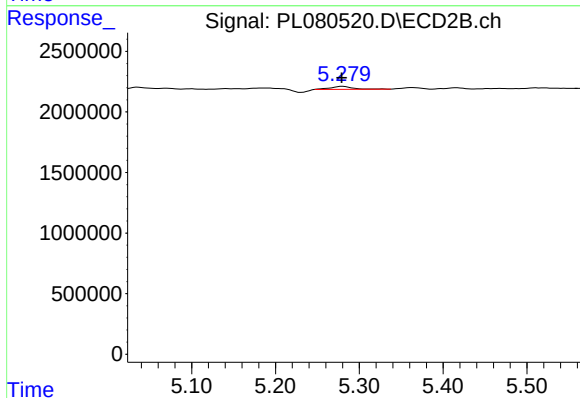




#13 Dieldrin

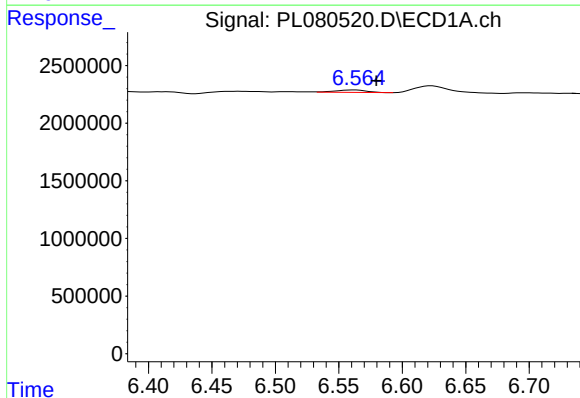
R.T.: 0.000 min  
Exp R.T.: 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



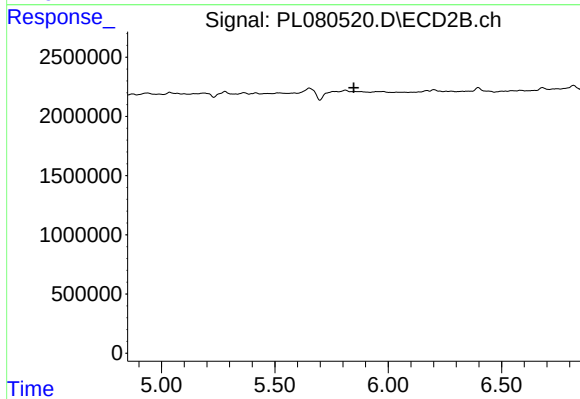
#13 Dieldrin

R.T.: 5.280 min  
Delta R.T.: 0.001 min  
Response: 474878  
Conc: 0.18 ng/ml



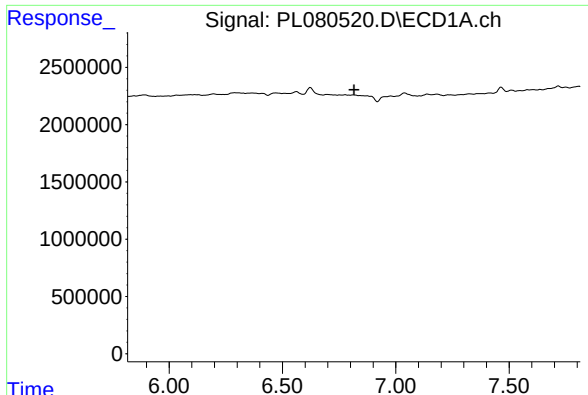
#15 Endosulfan II

R.T.: 6.563 min  
Delta R.T.: -0.017 min  
Response: 353704  
Conc: 0.15 ng/ml



#15 Endosulfan II

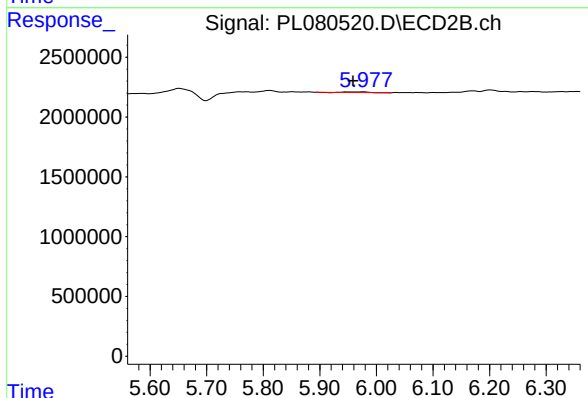
R.T.: 5.852 min  
Delta R.T.: 0.004 min  
Response: -136779  
Conc: N.D.



#17 4,4'-DDT

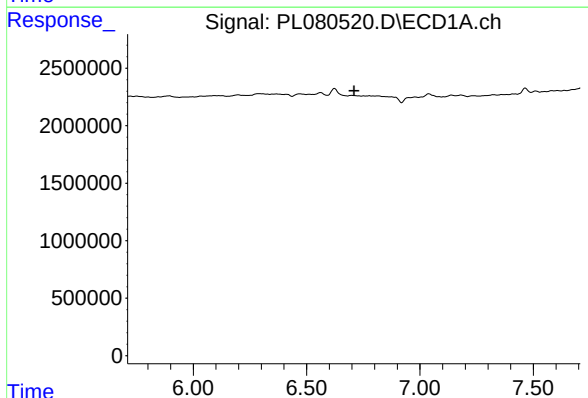
R.T.: 0.000 min  
Exp R.T.: 6.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



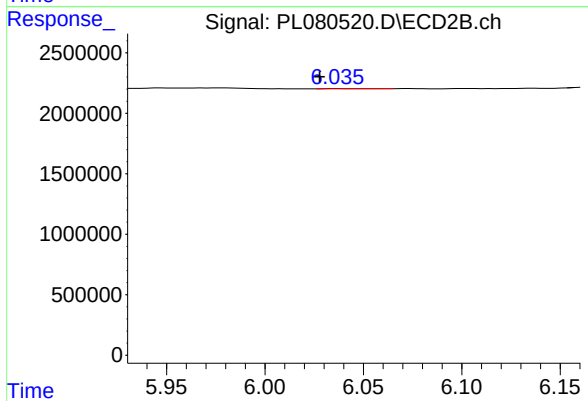
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: 0.019 min  
Response: 156787  
Conc: 0.07 ng/ml



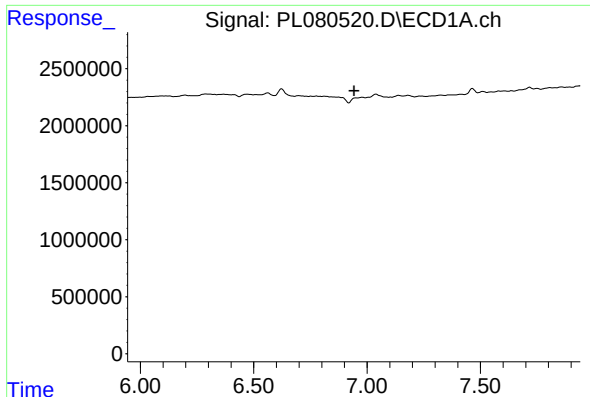
#18 Endrin aldehyde

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



#18 Endrin aldehyde

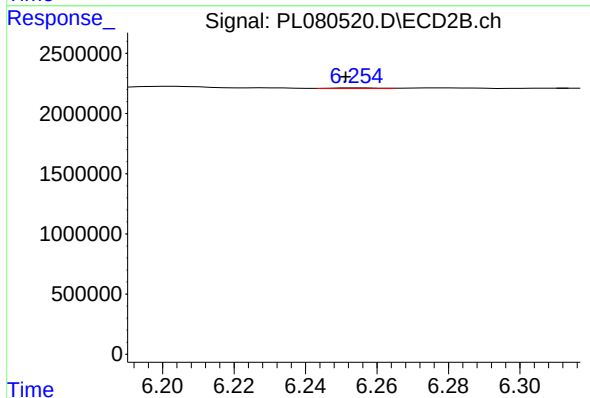
R.T.: 6.037 min  
Delta R.T.: 0.009 min  
Response: 25453  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

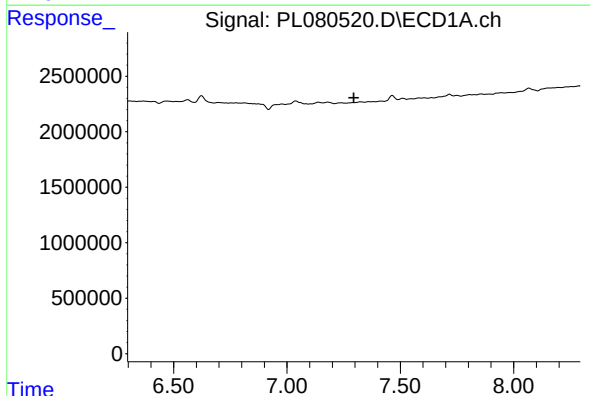
R.T.: 6.952 min  
Delta R.T.: 0.010 min  
Response: -168638  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



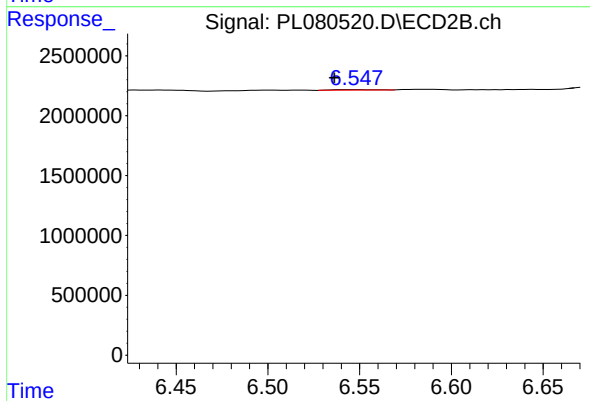
#19 Endosulfan Sulfate

R.T.: 6.255 min  
Delta R.T.: 0.004 min  
Response: 49785  
Conc: 0.02 ng/ml



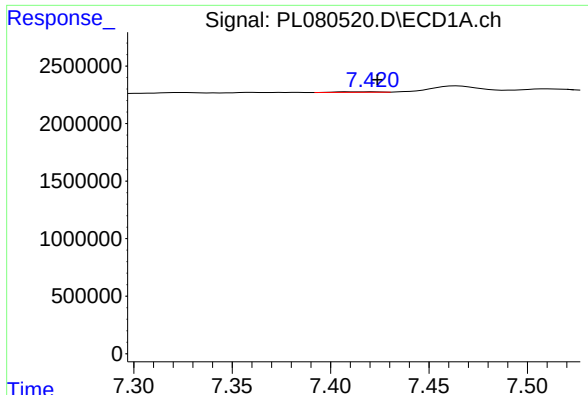
#20 Methoxychlor

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



#20 Methoxychlor

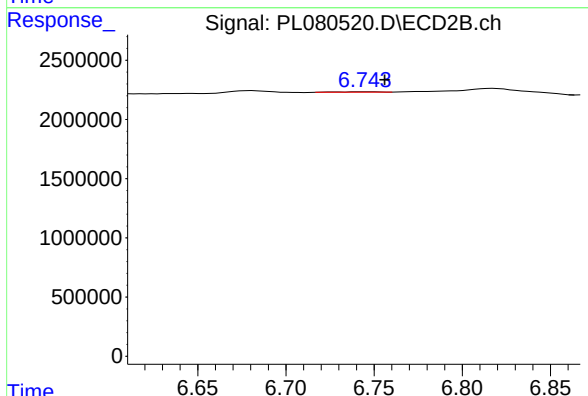
R.T.: 6.548 min  
Delta R.T.: 0.011 min  
Response: 61588  
Conc: 0.05 ng/ml



#21 Endrin ketone

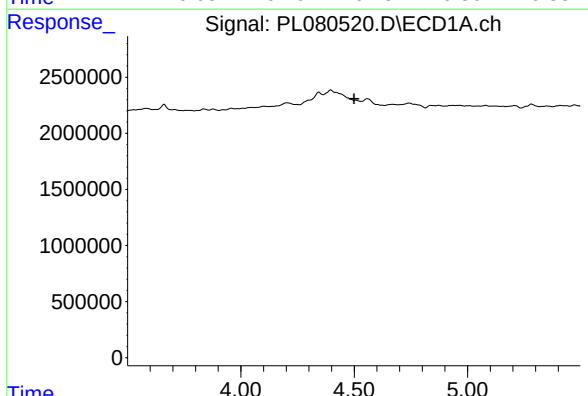
R.T.: 7.421 min  
Delta R.T.: -0.003 min  
Response: 63754  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



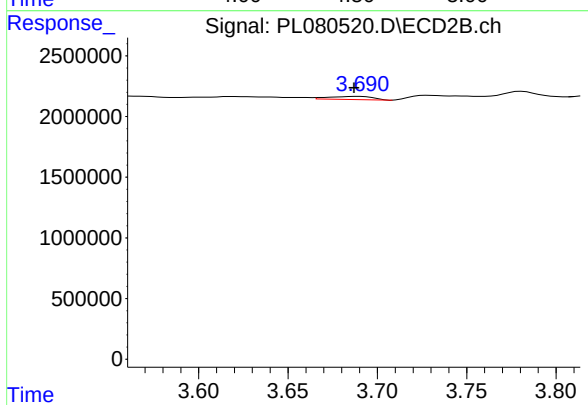
#21 Endrin ketone

R.T.: 6.745 min  
Delta R.T.: -0.011 min  
Response: 56448  
Conc: 0.02 ng/ml



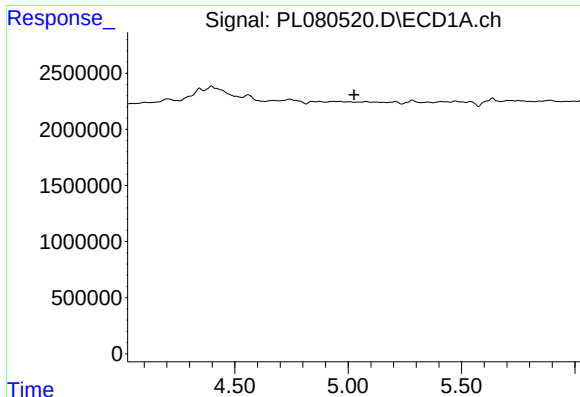
#23 Chlordane-1

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



#23 Chlordane-1

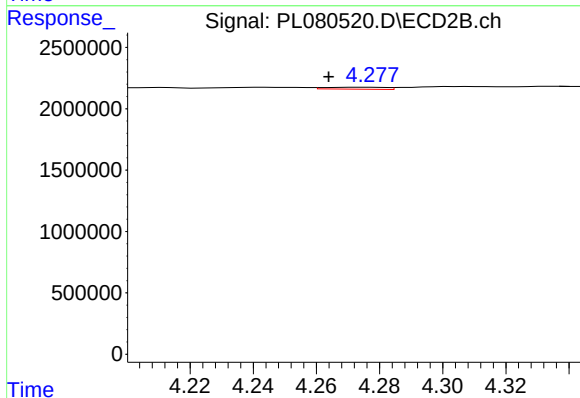
R.T.: 3.689 min  
Delta R.T.: 0.002 min  
Response: 453824  
Conc: 5.57 ng/ml



#24 Chlordane-2

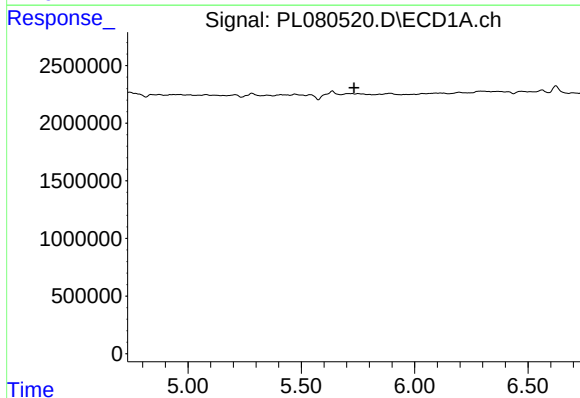
R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



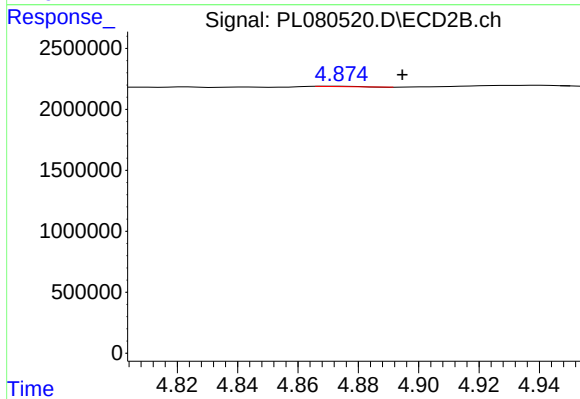
#24 Chlordane-2

R.T.: 4.274 min  
Delta R.T.: 0.010 min  
Response: 212153  
Conc: 2.35 ng/ml



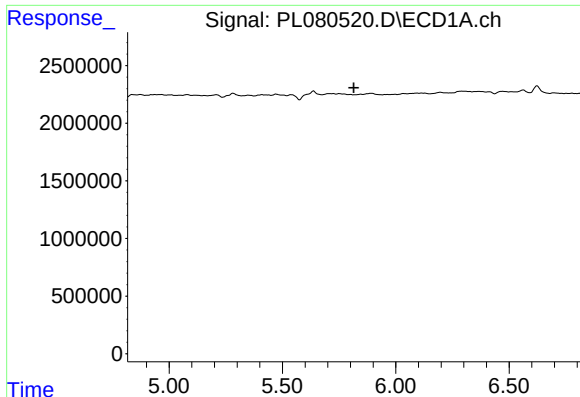
#25 Chlordane-3

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



#25 Chlordane-3

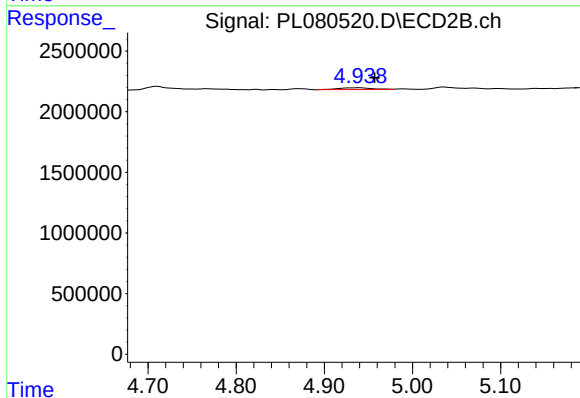
R.T.: 4.874 min  
Delta R.T.: -0.021 min  
Response: 29956  
Conc: 0.11 ng/ml



#26 Chlordane-4

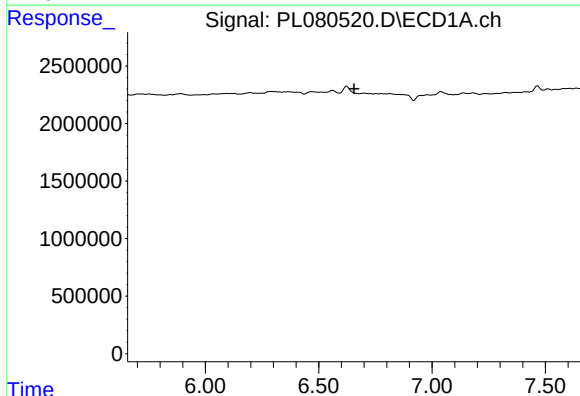
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



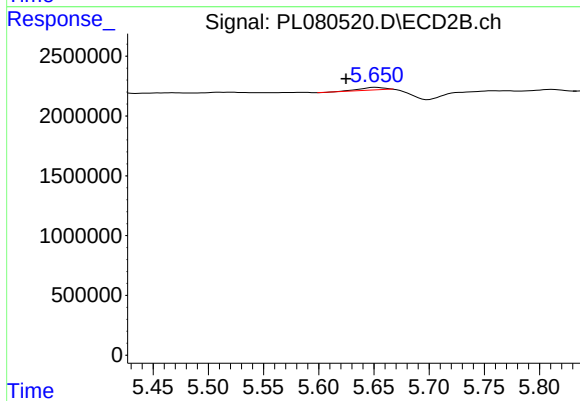
#26 Chlordane-4

R.T.: 4.939 min  
Delta R.T.: -0.018 min  
Response: 389038  
Conc: 1.44 ng/ml



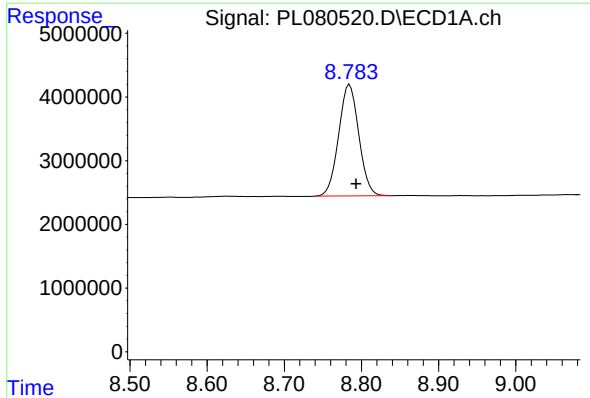
#27 Chlordane-5

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



#27 Chlordane-5

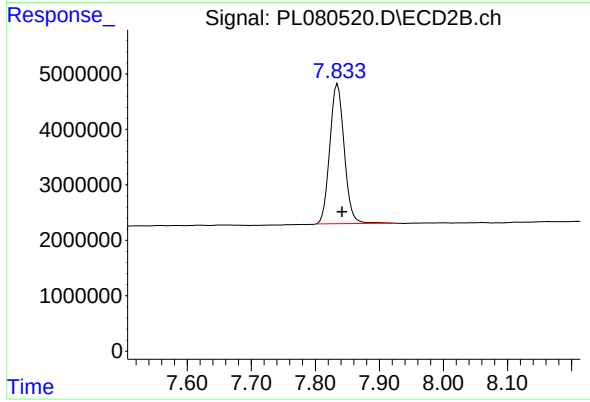
R.T.: 5.652 min  
Delta R.T.: 0.027 min  
Response: 320487  
Conc: 4.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.785 min  
Delta R.T.: -0.008 min  
Response: 31689145  
Conc: 18.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.007 min  
Response: 39499161  
Conc: 16.58 ng/ml