

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080918.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 16:50  
 Operator : AR\AJ  
 Sample : 01539-09  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 20:38:16 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  | 2.687  | 22777123 | 22546028 | 10.620 | 10.265   |
| 28)                         | SA Decachlor... | 8.786  | 7.831  | 19610065 | 25180208 | 11.201 | 10.569   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.142  | 3.502f | 125671   | 69780    | 0.043  | 0.023 #  |
| 4)                          | MA Heptachlor   | 4.715  | 3.873  | 201289   | 255502   | 0.068  | 0.080    |
| 5)                          | MB Aldrin       | 0.000  | 4.156  | 0        | 328709   | N.D.   | 0.111 #  |
| 6)                          | B beta-BHC      | 4.345f | 3.823  | 1117594  | 149259   | 0.819  | 0.112 #  |
| 7)                          | B delta-BHC     | 4.566  | 4.049  | 1186969  | 122874   | 0.410  | 0.043 #  |
| 8)                          | B Heptachlo...  | 5.471  | 4.625f | 819929   | 15856    | 0.317  | 0.006 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.002  | 0        | 35532    | N.D.   | 0.014 #  |
| 10)                         | B gamma-Chl...  | 5.704f | 4.915f | 1264528  | 376426   | 0.501  | 0.133 #  |
| 11)                         | B alpha-Chl...  | 5.813  | 4.948  | 935532   | 343445   | 0.371  | 0.120 #  |
| 12)                         | B 4,4'-DDE      | 5.984  | 5.144  | 1441931  | 1111500  | 0.647  | 0.471 #  |
| 13)                         | MA Dieldrin     | 6.130  | 5.275  | 214295   | 976557   | 0.090  | 0.361 #  |
| 14)                         | MA Endrin       | 6.362  | 5.559  | 479885   | 367985   | 0.222  | 0.159 #  |
| 15)                         | B Endosulfa...  | 6.564f | 5.835  | 472353   | 38686    | 0.206  | 0.019 #  |
| 16)                         | A 4,4'-DDD      | 6.509  | 5.697  | 1017480  | -56824   | 0.555  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.812  | 5.947  | 1715159  | 2124454  | 0.826  | 1.011    |
| 18)                         | B Endrin al...  | 0.000  | 6.044f | 0        | 129084   | N.D.   | 0.071 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.245  | 0        | 309219   | N.D.   | 0.133 #  |
| 21)                         | B Endrin ke...  | 7.406f | 6.745  | 650378   | 54993    | 0.295  | 0.022 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.685  | 0        | 303730   | N.D.   | 3.730 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.254  | 0        | 105305   | N.D.   | 1.168 #  |
| 25)                         | Chlordane-3     | 5.704f | 4.915f | 1264528  | 376426   | 3.742  | 1.427 #  |
| 26)                         | Chlordane-4     | 5.813  | 4.948  | 935532   | 343445   | 2.169  | 1.275 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.621  | 0        | 769140   | N.D.   | 10.809 # |
| -----                       |                 |        |        |          |          |        |          |

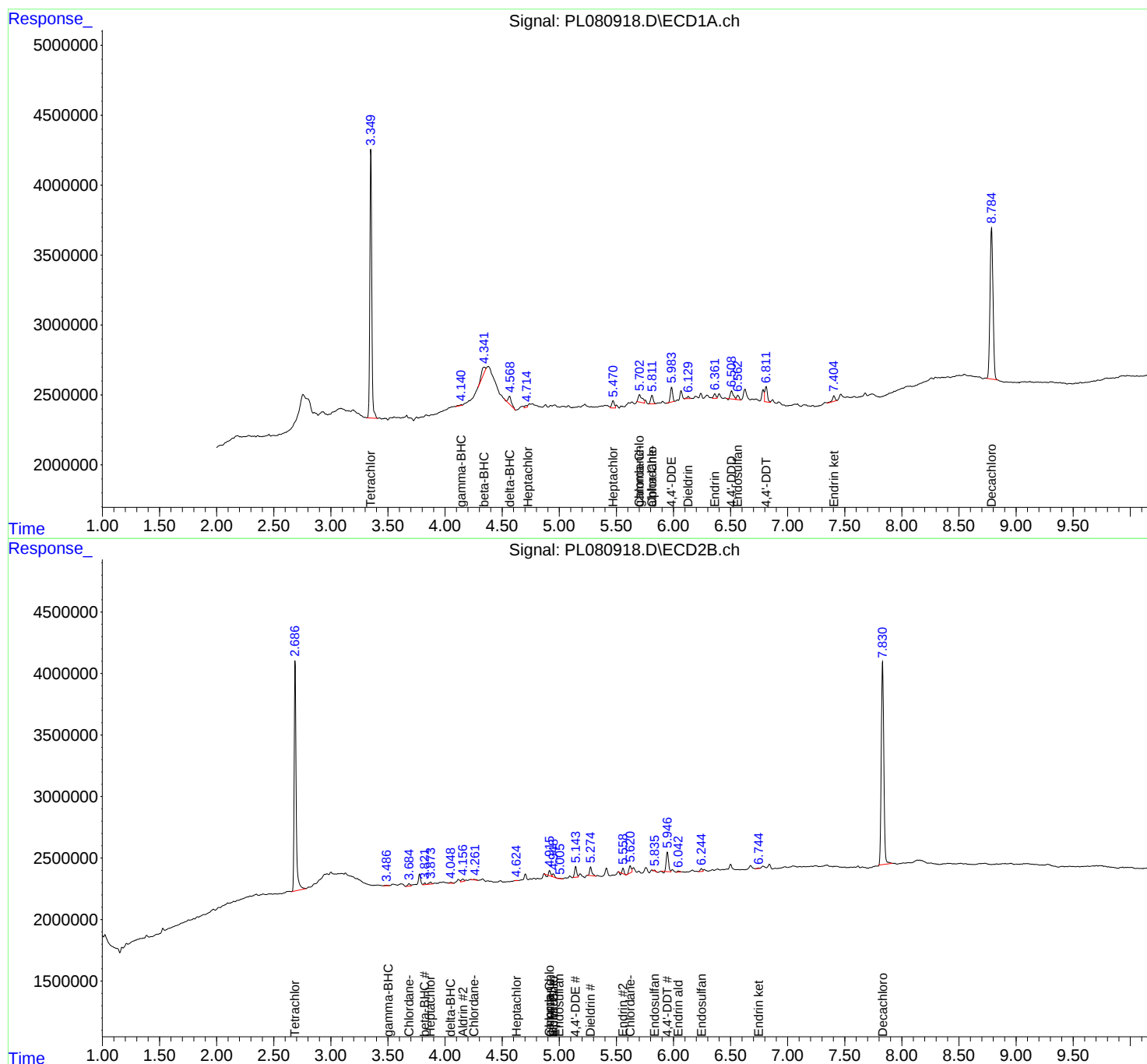
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

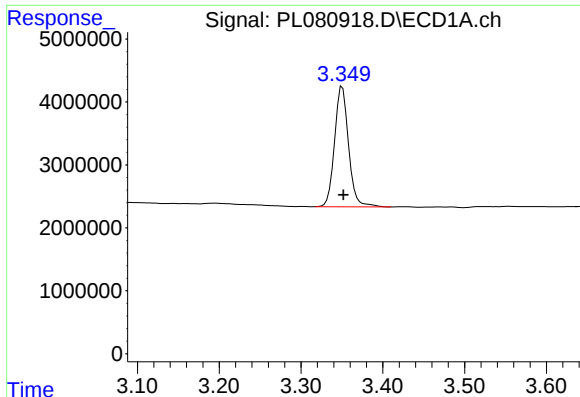
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080918.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2023 16:50  
Operator : AR\AJ  
Sample : 01539-09  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:38:16 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

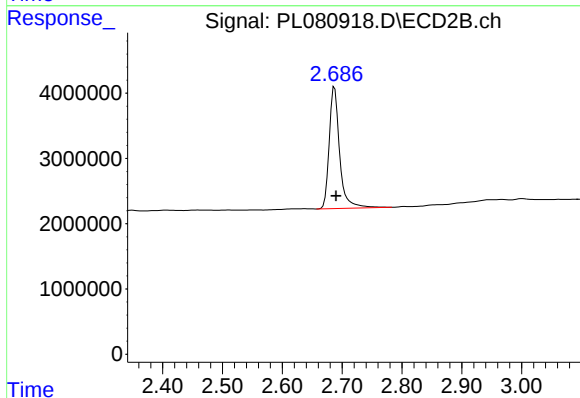




#1 Tetrachloro-m-xylene

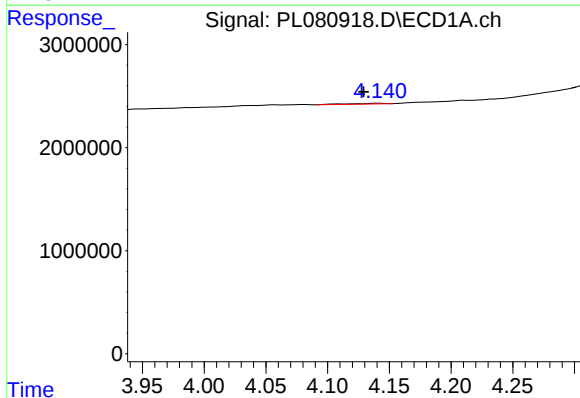
R.T.: 3.351 min  
Delta R.T.: -0.001 min  
Response: 22777123  
Conc: 10.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



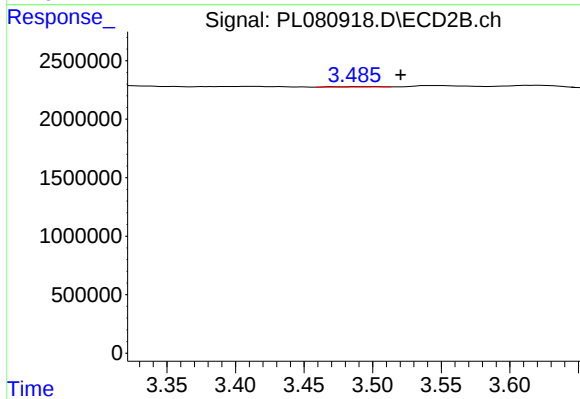
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.002 min  
Response: 22546028  
Conc: 10.26 ng/ml



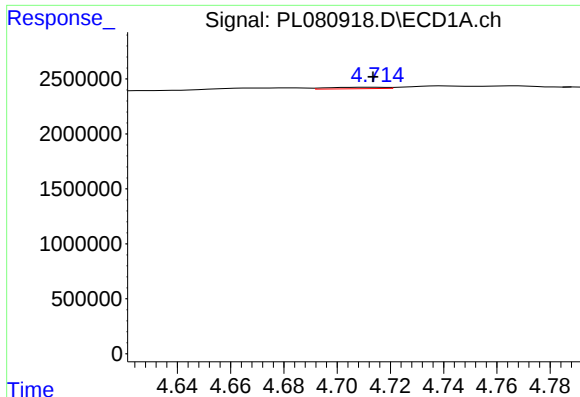
#3 gamma-BHC (Lindane)

R.T.: 4.142 min  
Delta R.T.: 0.012 min  
Response: 125671  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

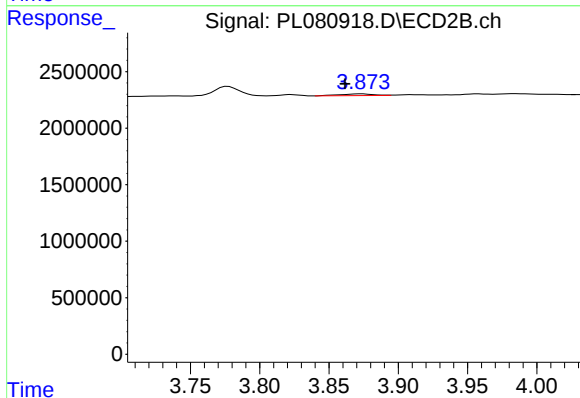
R.T.: 3.502 min  
Delta R.T.: -0.018 min  
Response: 69780  
Conc: 0.02 ng/ml



#4 Heptachlor

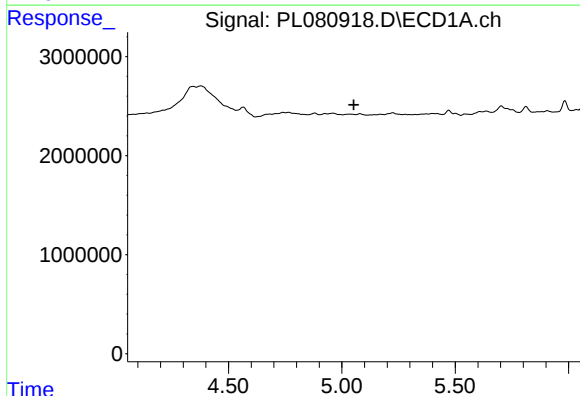
R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 201289  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



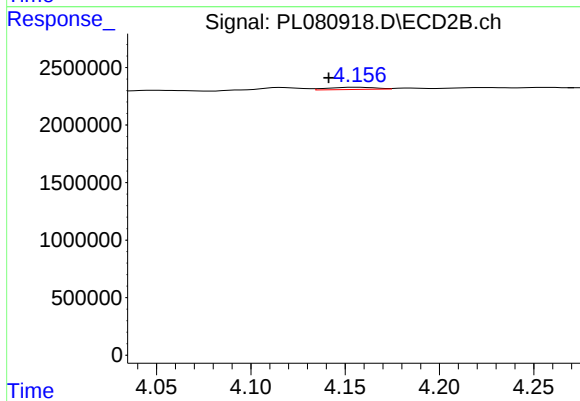
#4 Heptachlor

R.T.: 3.873 min  
Delta R.T.: 0.012 min  
Response: 255502  
Conc: 0.08 ng/ml



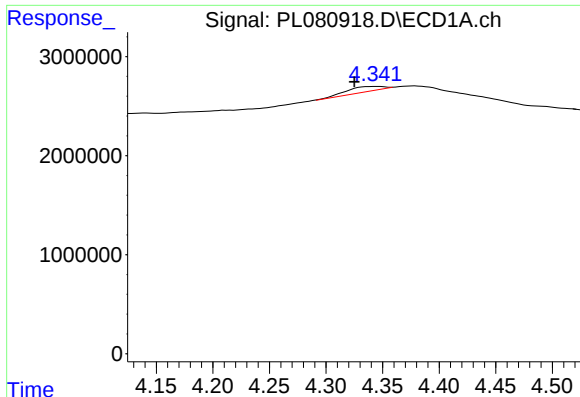
#5 Aldrin

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



#5 Aldrin

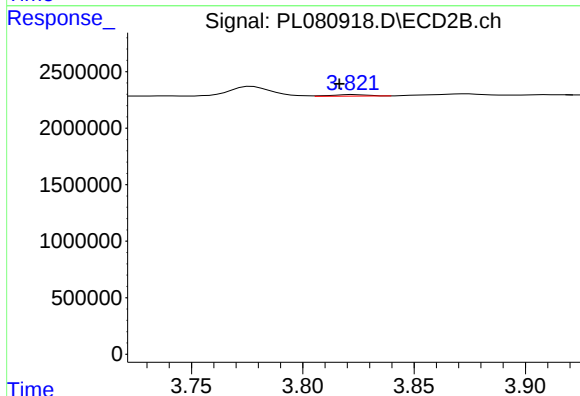
R.T.: 4.156 min  
Delta R.T.: 0.015 min  
Response: 328709  
Conc: 0.11 ng/ml



#6 beta-BHC

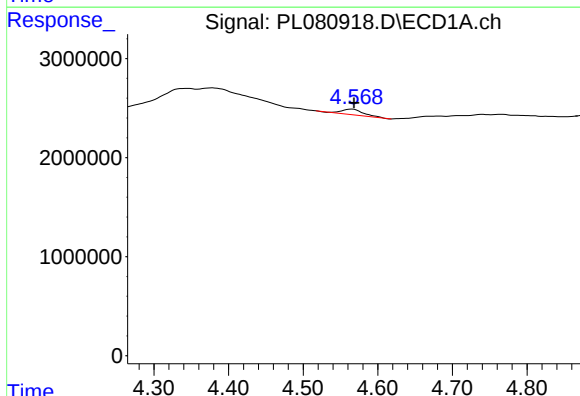
R.T.: 4.345 min  
Delta R.T.: 0.020 min  
Response: 1117594  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



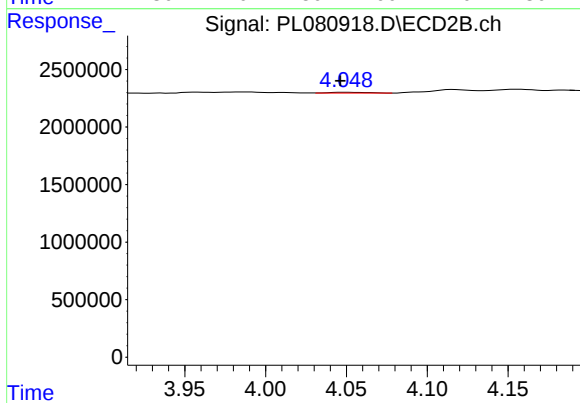
#6 beta-BHC

R.T.: 3.823 min  
Delta R.T.: 0.007 min  
Response: 149259  
Conc: 0.11 ng/ml



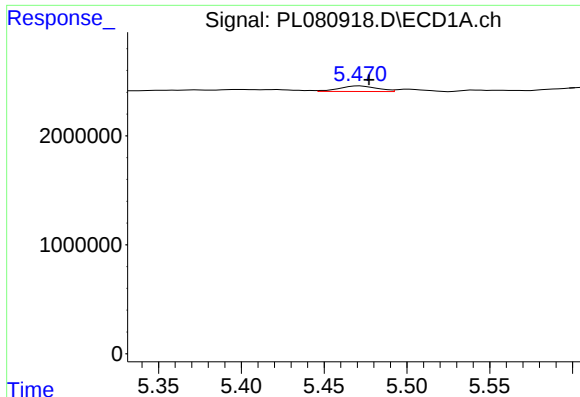
#7 delta-BHC

R.T.: 4.566 min  
Delta R.T.: -0.003 min  
Response: 1186969  
Conc: 0.41 ng/ml



#7 delta-BHC

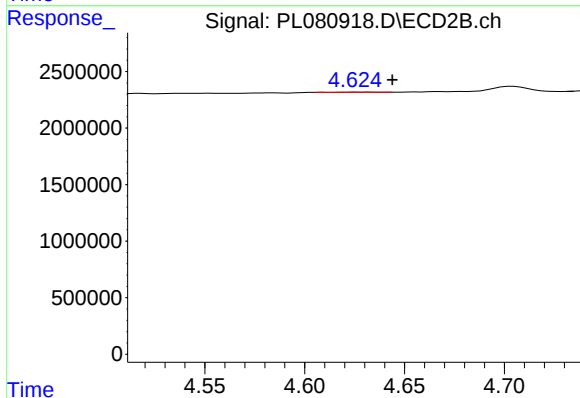
R.T.: 4.049 min  
Delta R.T.: 0.003 min  
Response: 122874  
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

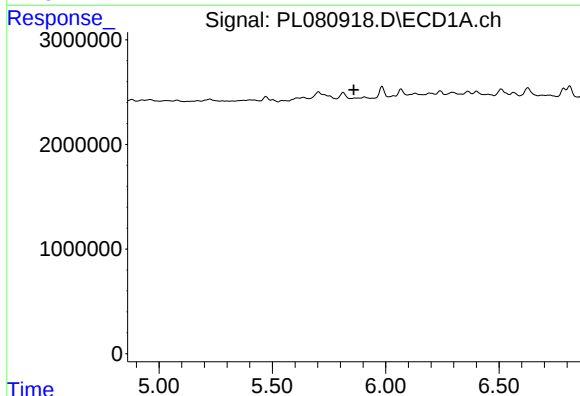
R.T.: 5.471 min  
Delta R.T.: -0.006 min  
Response: 819929  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



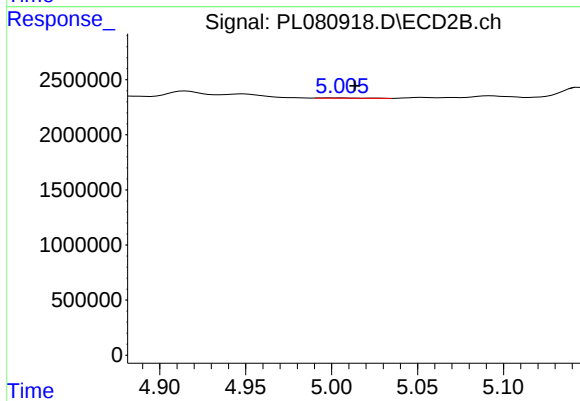
#8 Heptachlor epoxide

R.T.: 4.625 min  
Delta R.T.: -0.019 min  
Response: 15856  
Conc: 0.01 ng/ml



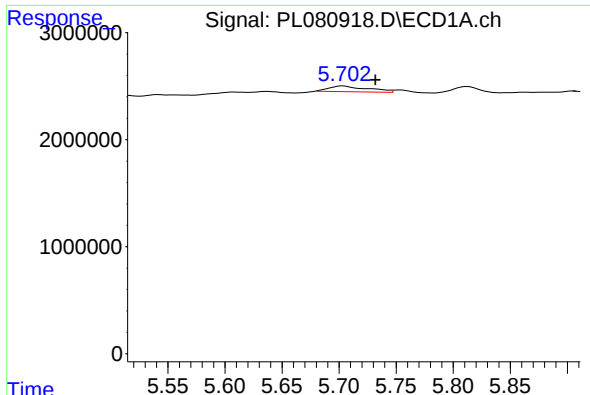
#9 Endosulfan I

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



#9 Endosulfan I

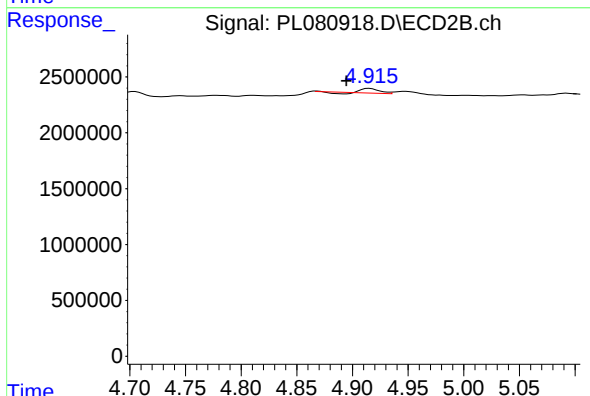
R.T.: 5.002 min  
Delta R.T.: -0.011 min  
Response: 35532  
Conc: 0.01 ng/ml



#10 gamma-Chlordane

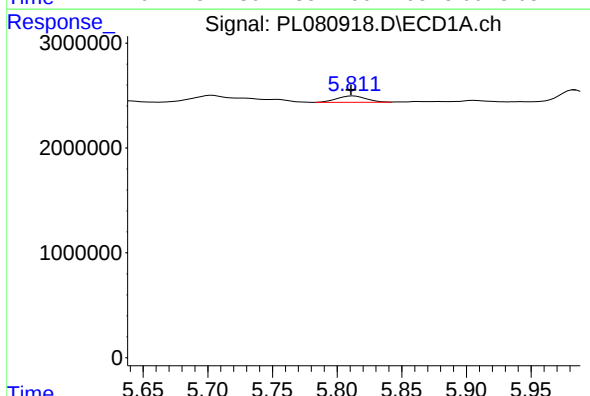
R.T.: 5.704 min  
Delta R.T.: -0.028 min  
Response: 1264528  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



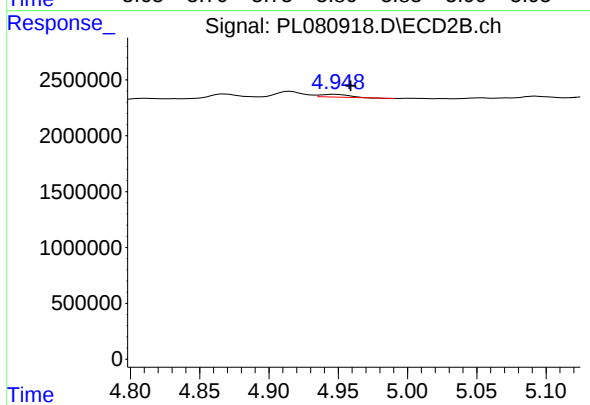
#10 gamma-Chlordane

R.T.: 4.915 min  
Delta R.T.: 0.021 min  
Response: 376426  
Conc: 0.13 ng/ml



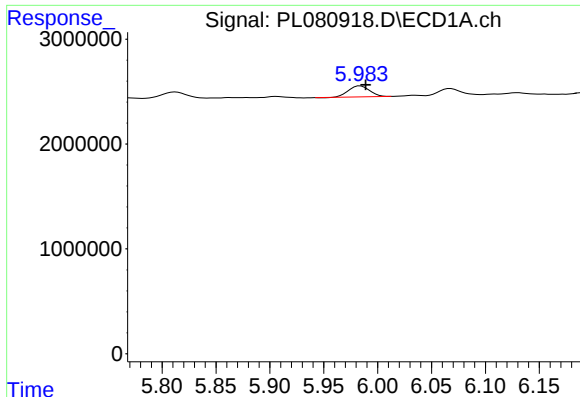
#11 alpha-Chlordane

R.T.: 5.813 min  
Delta R.T.: 0.002 min  
Response: 935532  
Conc: 0.37 ng/ml



#11 alpha-Chlordane

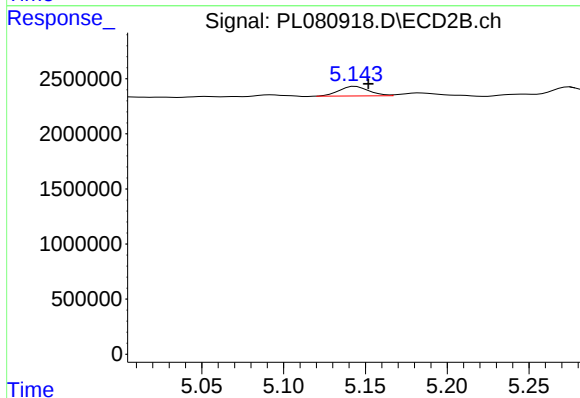
R.T.: 4.948 min  
Delta R.T.: -0.011 min  
Response: 343445  
Conc: 0.12 ng/ml



#12 4,4'-DDE

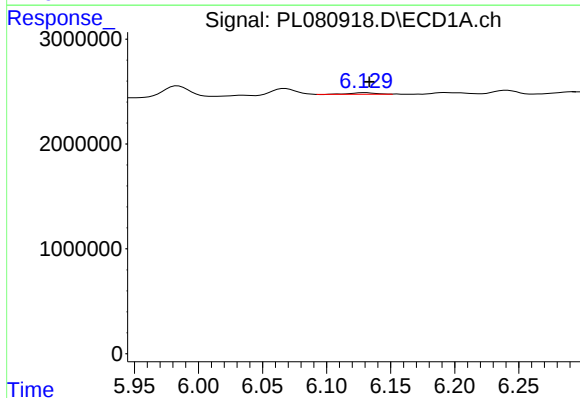
R.T.: 5.984 min  
Delta R.T.: -0.005 min  
Response: 1441931  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



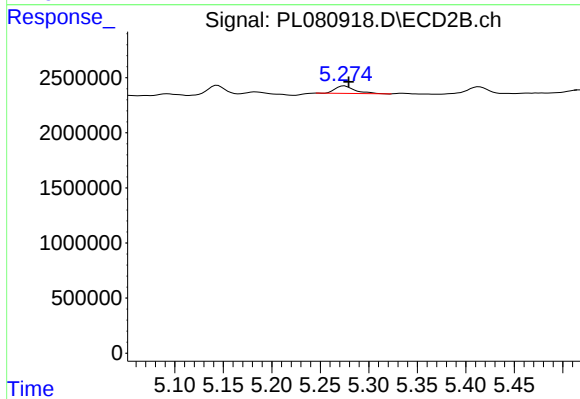
#12 4,4'-DDE

R.T.: 5.144 min  
Delta R.T.: -0.008 min  
Response: 1111500  
Conc: 0.47 ng/ml



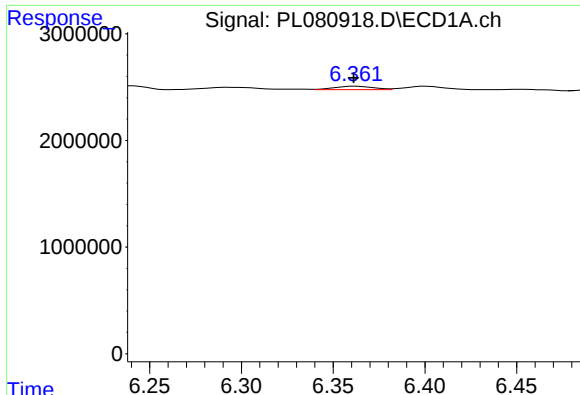
#13 Dieldrin

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 214295  
Conc: 0.09 ng/ml



#13 Dieldrin

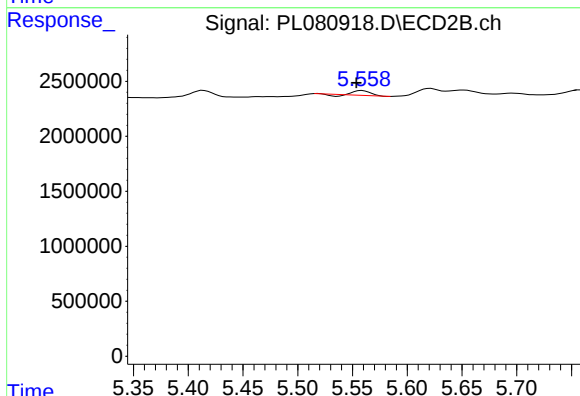
R.T.: 5.275 min  
Delta R.T.: -0.004 min  
Response: 976557  
Conc: 0.36 ng/ml



#14 Endrin

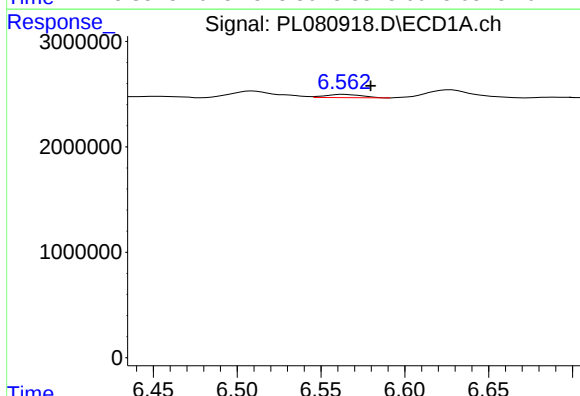
R.T.: 6.362 min  
Delta R.T.: 0.001 min  
Response: 479885  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



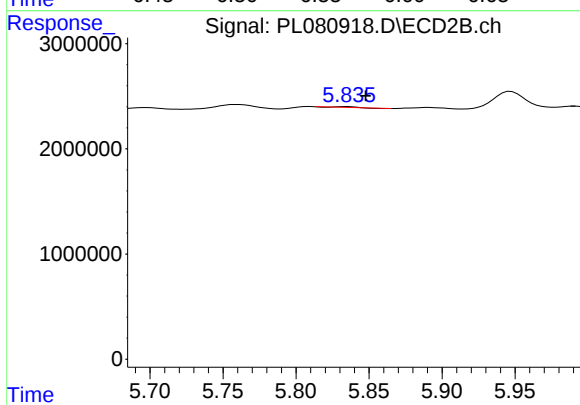
#14 Endrin

R.T.: 5.559 min  
Delta R.T.: 0.005 min  
Response: 367985  
Conc: 0.16 ng/ml



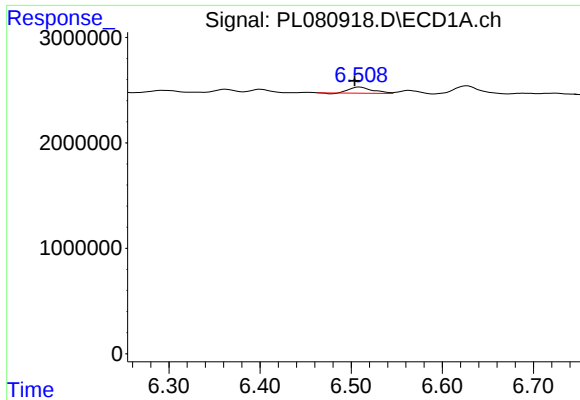
#15 Endosulfan II

R.T.: 6.564 min  
Delta R.T.: -0.016 min  
Response: 472353  
Conc: 0.21 ng/ml



#15 Endosulfan II

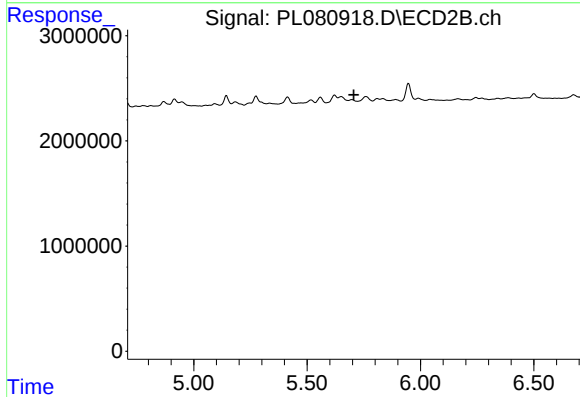
R.T.: 5.835 min  
Delta R.T.: -0.013 min  
Response: 38686  
Conc: 0.02 ng/ml



#16 4,4'-DDD

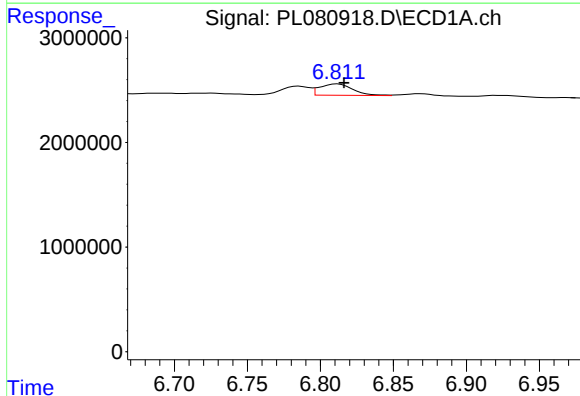
R.T.: 6.509 min  
Delta R.T.: 0.006 min  
Response: 1017480  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



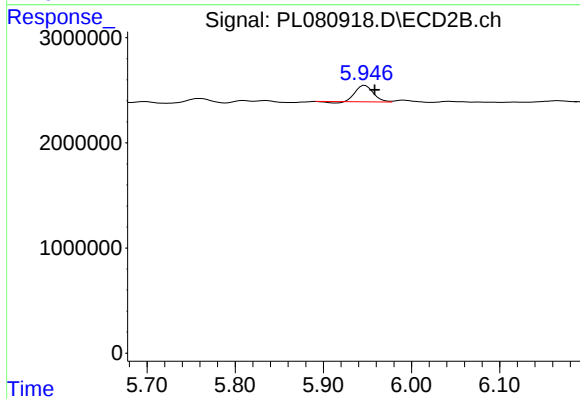
#16 4,4'-DDD

R.T.: 5.697 min  
Delta R.T.: -0.009 min  
Response: -56824  
Conc: N.D.



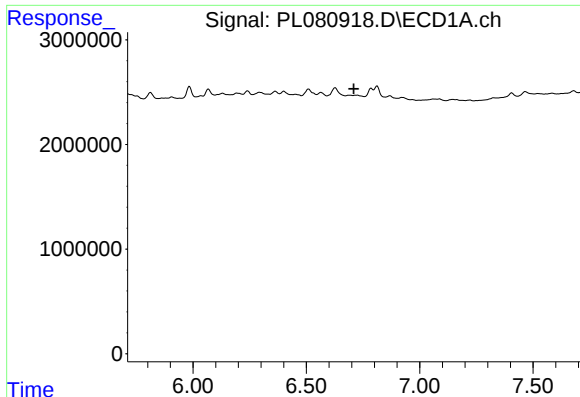
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: -0.004 min  
Response: 1715159  
Conc: 0.83 ng/ml



#17 4,4'-DDT

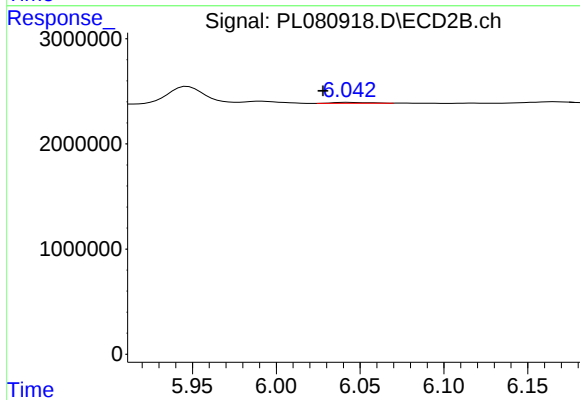
R.T.: 5.947 min  
Delta R.T.: -0.011 min  
Response: 2124454  
Conc: 1.01 ng/ml



#18 Endrin aldehyde

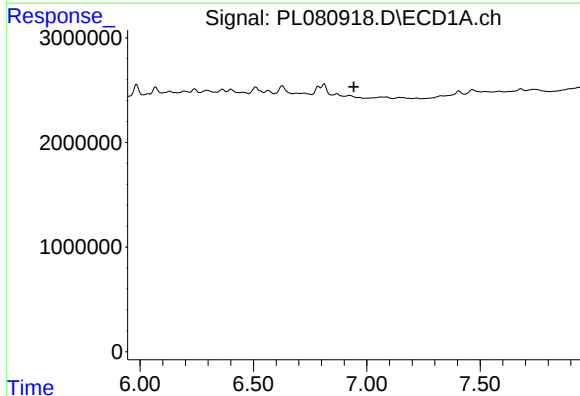
R.T.: 0.000 min  
Exp R.T.: 6.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



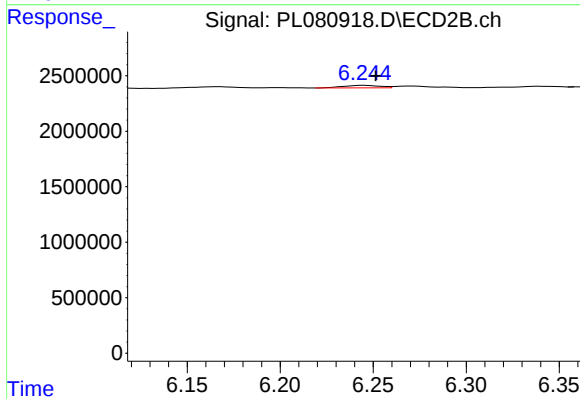
#18 Endrin aldehyde

R.T.: 6.044 min  
Delta R.T.: 0.016 min  
Response: 129084  
Conc: 0.07 ng/ml



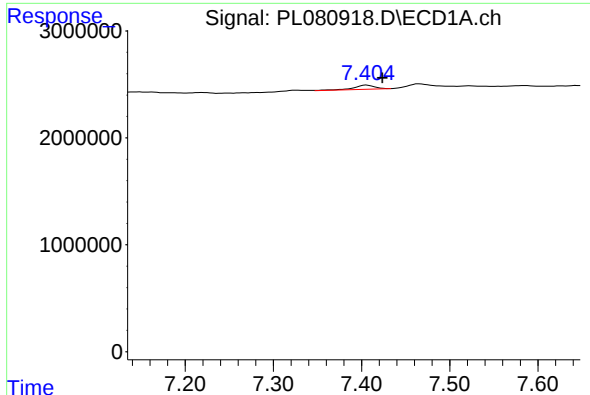
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

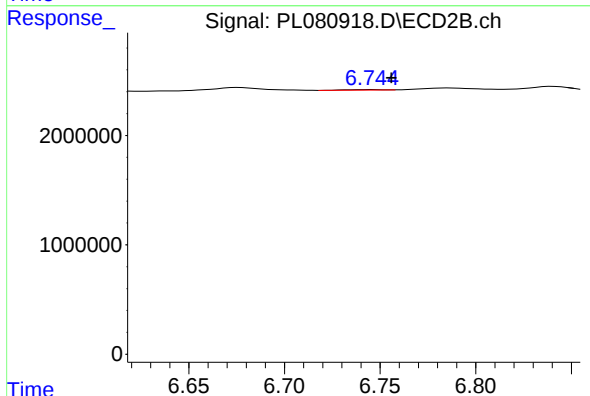
R.T.: 6.245 min  
Delta R.T.: -0.006 min  
Response: 309219  
Conc: 0.13 ng/ml



#21 Endrin ketone

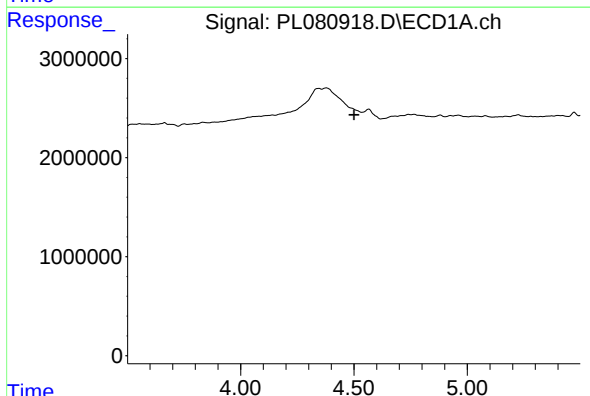
R.T.: 7.406 min  
Delta R.T.: -0.018 min  
Response: 650378  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



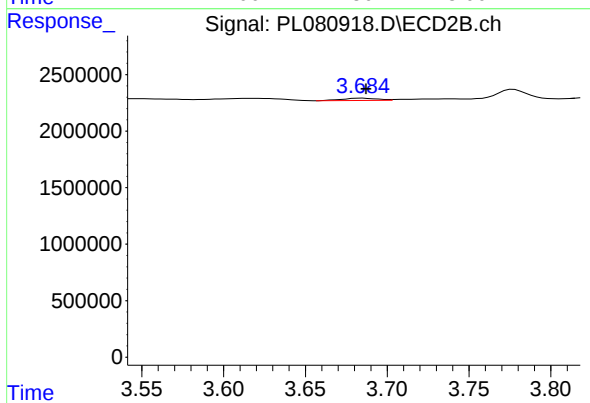
#21 Endrin ketone

R.T.: 6.745 min  
Delta R.T.: -0.011 min  
Response: 54993  
Conc: 0.02 ng/ml



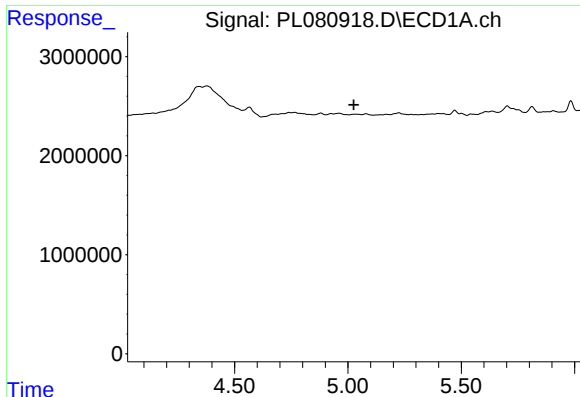
#23 Chlordane-1

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



#23 Chlordane-1

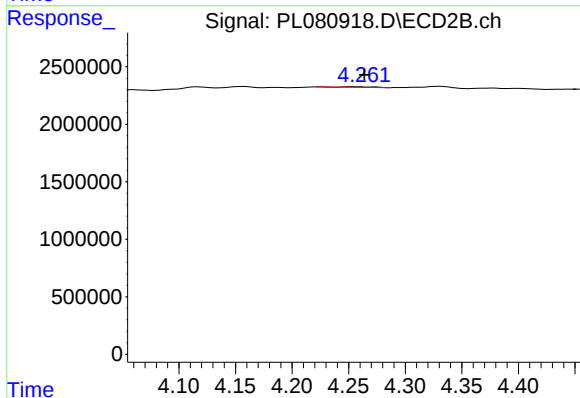
R.T.: 3.685 min  
Delta R.T.: -0.002 min  
Response: 303730  
Conc: 3.73 ng/ml



#24 Chlordane-2

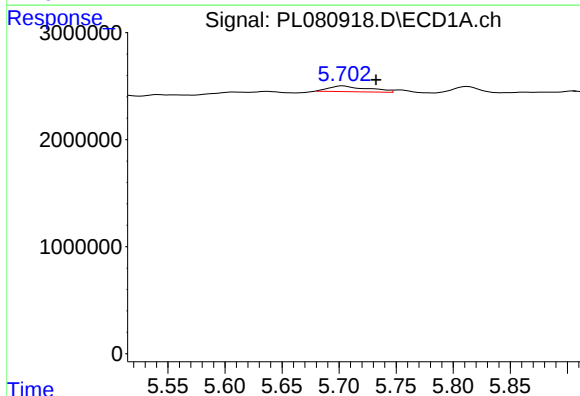
R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



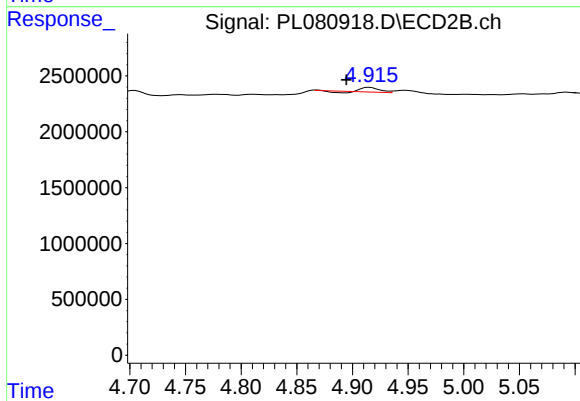
#24 Chlordane-2

R.T.: 4.254 min  
Delta R.T.: -0.010 min  
Response: 105305  
Conc: 1.17 ng/ml



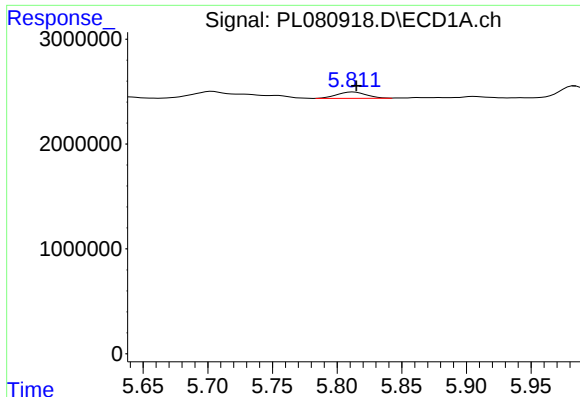
#25 Chlordane-3

R.T.: 5.704 min  
Delta R.T.: -0.029 min  
Response: 1264528  
Conc: 3.74 ng/ml



#25 Chlordane-3

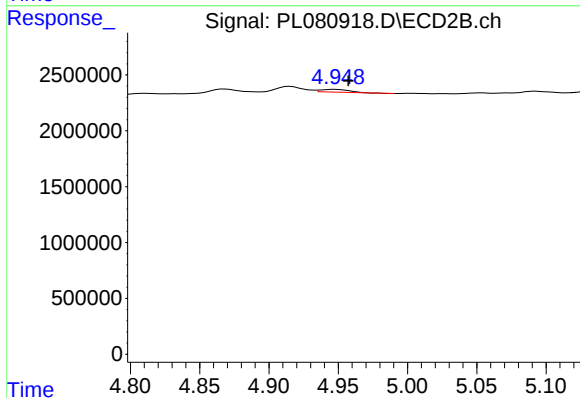
R.T.: 4.915 min  
Delta R.T.: 0.021 min  
Response: 376426  
Conc: 1.43 ng/ml



#26 Chlordane-4

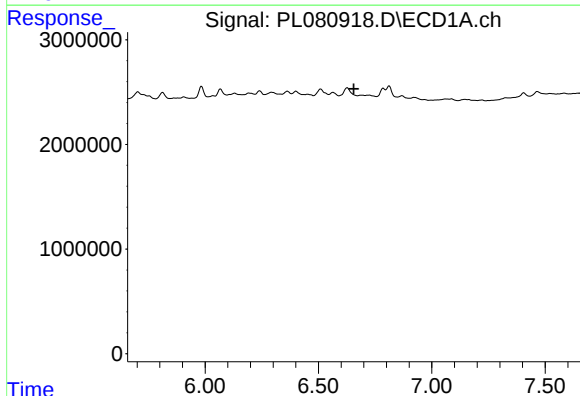
R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 935532  
Conc: 2.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



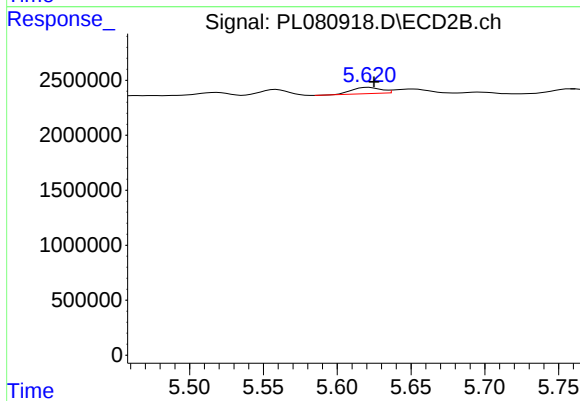
#26 Chlordane-4

R.T.: 4.948 min  
Delta R.T.: -0.009 min  
Response: 343445  
Conc: 1.28 ng/ml



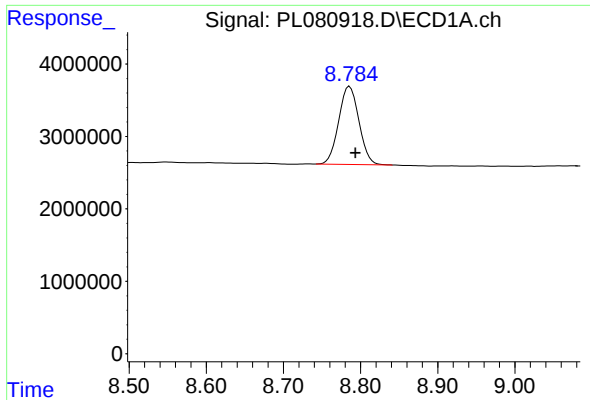
#27 Chlordane-5

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



#27 Chlordane-5

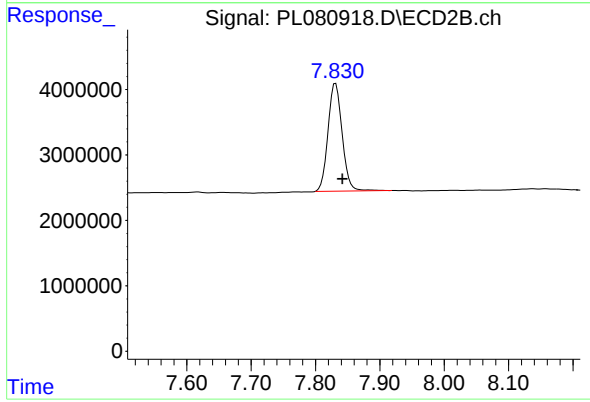
R.T.: 5.621 min  
Delta R.T.: -0.004 min  
Response: 769140  
Conc: 10.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 19610065  
Conc: 11.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.831 min  
Delta R.T.: -0.011 min  
Response: 25180208  
Conc: 10.57 ng/ml