

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020323\  
 Data File : PL080746.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2023 20:10  
 Operator : AR\AJ  
 Sample : 01414-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 04 00:08:06 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  | 2.688  | 19945467 | 19640553 | 9.299  | 8.942   |
| 28)                         | SA Decachlor... | 8.788  | 7.834  | 21249415 | 22680707 | 12.137 | 9.520   |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.196  | 0        | 162031   | N.D.   | 0.051 # |
| 4)                          | MA Heptachlor   | 4.721  | 3.878f | 2935502  | 244159   | 0.993  | 0.077 # |
| 5)                          | MB Aldrin       | 0.000  | 4.157f | 0        | 162368   | N.D.   | 0.055 # |
| 6)                          | B beta-BHC      | 4.334  | 3.822  | 435983   | 124342   | 0.319  | 0.093 # |
| 7)                          | B delta-BHC     | 4.570  | 0.000  | 1428210  | 0        | 0.493  | N.D. #  |
| 8)                          | B Heptachlo...  | 5.477  | 4.646  | 3510248  | 49516    | 1.357  | 0.018 # |
| 9)                          | A Endosulfan I  | 5.863  | 5.023  | 741245   | 1074432  | 0.314  | 0.413 # |
| 10)                         | B gamma-Chl...  | 5.761f | 4.918f | 1228478  | 351818   | 0.486  | 0.124 # |
| 11)                         | B alpha-Chl...  | 5.813  | 4.948  | 408812   | 106198   | 0.162  | 0.037 # |
| 12)                         | B 4,4'-DDE      | 5.985  | 5.146  | 1673387  | 1129785  | 0.751  | 0.479 # |
| 13)                         | MA Dieldrin     | 6.146  | 5.277  | 544505   | 1006383  | 0.228  | 0.372 # |
| 14)                         | MA Endrin       | 6.351  | 5.562  | 1842194  | 381246   | 0.852  | 0.164 # |
| 15)                         | B Endosulfa...  | 6.560f | 0.000  | 1665298  | 0        | 0.726  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.517  | 0.000  | 539030   | 0        | 0.294  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.813  | 5.952  | 1297660  | 1204188  | 0.625  | 0.573   |
| 18)                         | B Endrin al...  | 6.715  | 6.044f | -368976  | 703098   | N.D.   | 0.385   |
| 19)                         | B Endosulfa...  | 6.928  | 6.245  | 298177   | 904542   | 0.144  | 0.389 # |
| 21)                         | B Endrin ke...  | 7.405f | 6.786f | 1520326  | 560684   | 0.689  | 0.220 # |
| 22)                         | Mirex           | 0.000  | 6.963f | 0        | 755098   | N.D.   | 0.332 # |
| 23)                         | Chlordane-1     | 0.000  | 3.689  | 0        | 466848   | N.D.   | 5.733 # |
| 24)                         | Chlordane-2     | 0.000  | 4.286f | 0        | 37509    | N.D.   | 0.416 # |
| 25)                         | Chlordane-3     | 5.761f | 4.918f | 1228478  | 351818   | 3.636  | 1.334 # |
| 26)                         | Chlordane-4     | 5.813  | 4.948  | 408812   | 106198   | 0.948  | 0.394 # |
| 27)                         | Chlordane-5     | 0.000  | 5.653f | 0        | 672390   | N.D.   | 9.450 # |
| -----                       |                 |        |        |          |          |        |         |

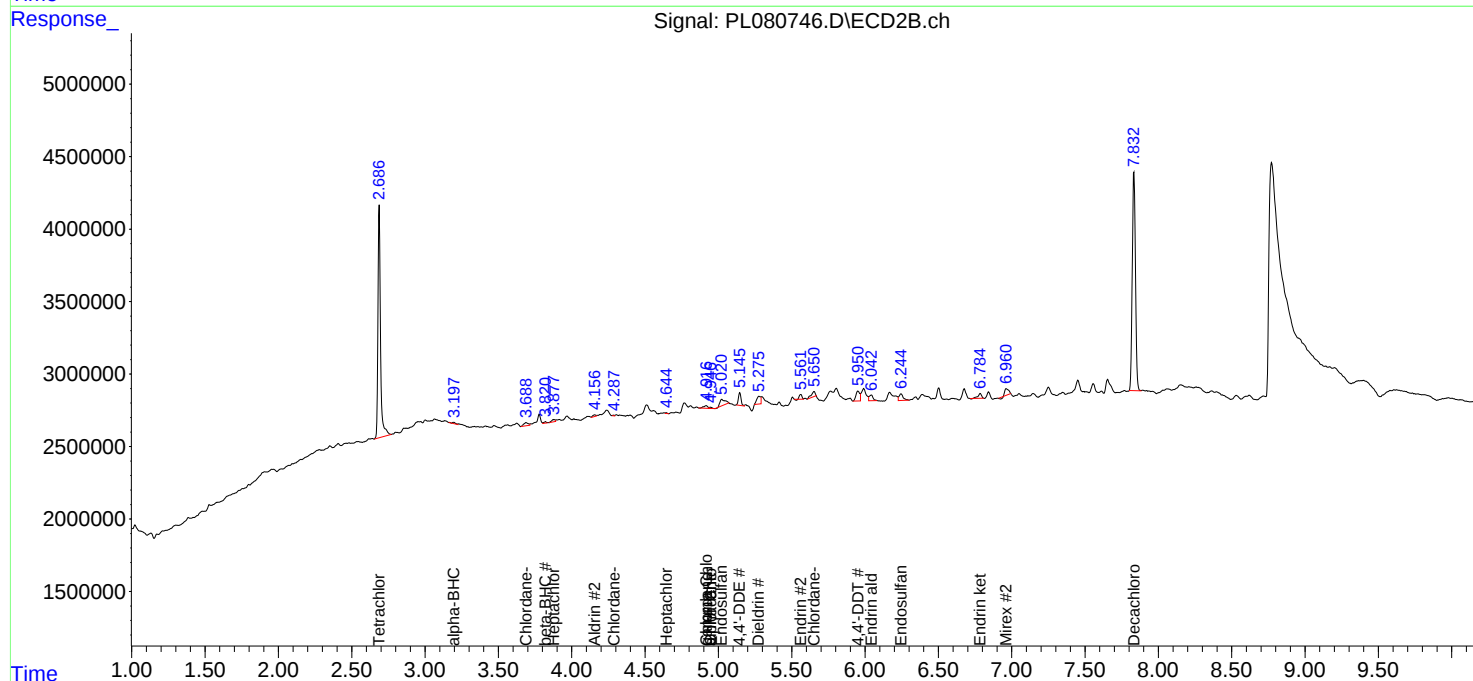
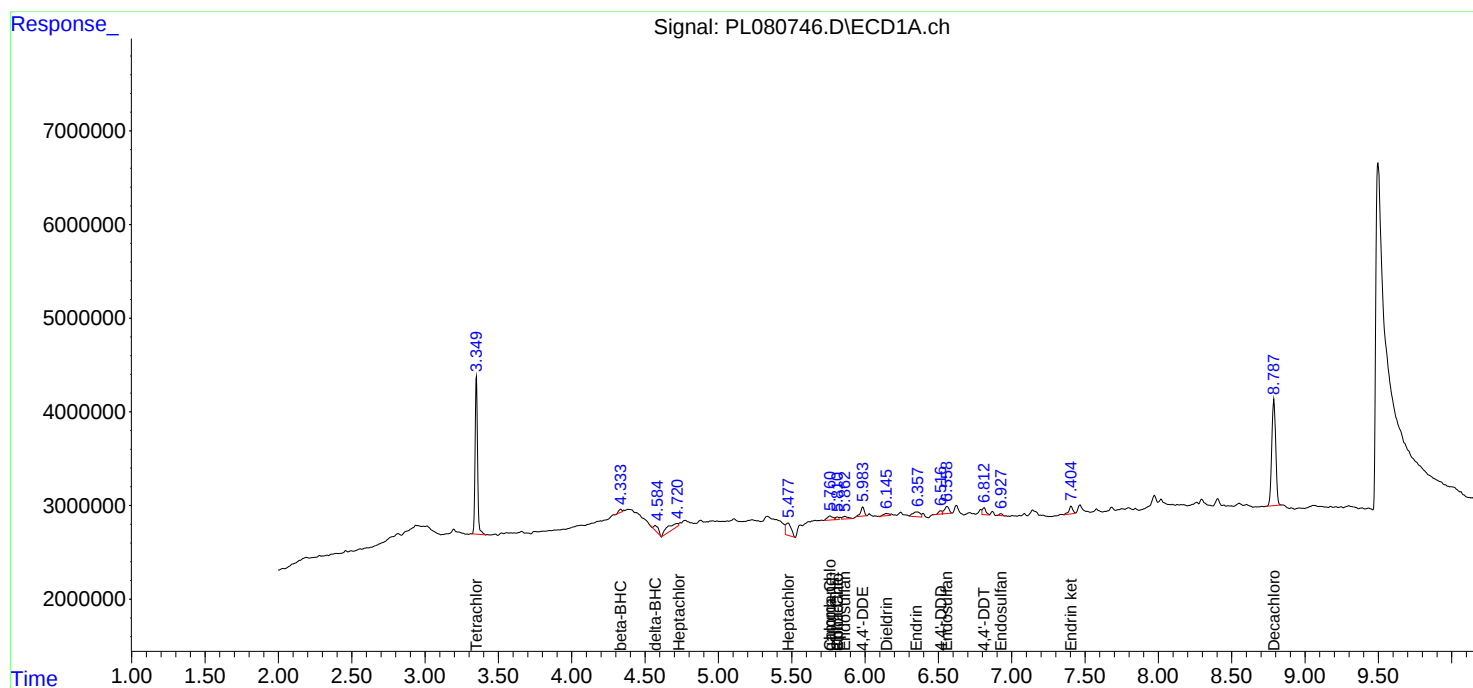
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

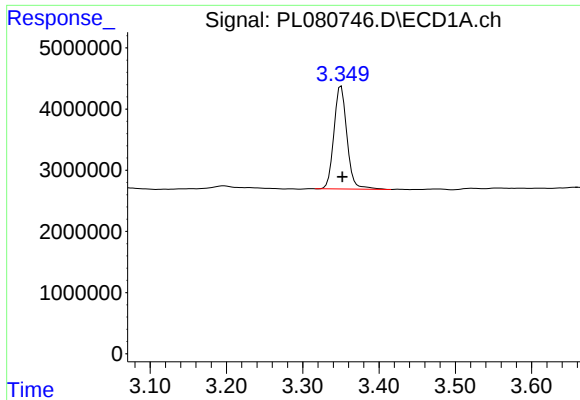
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020323\  
Data File : PL080746.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2023 20:10  
Operator : AR\AJ  
Sample : 01414-01  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 04 00:08:06 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

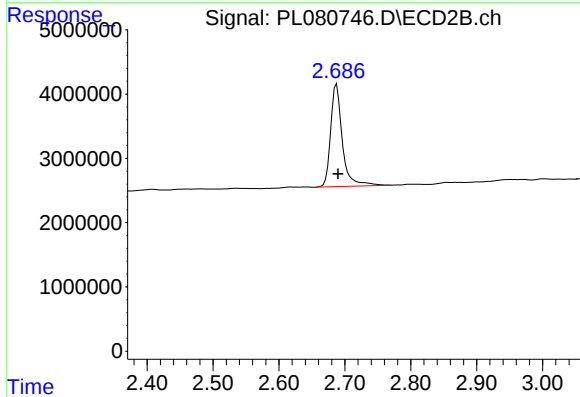




#1 Tetrachloro-m-xylene

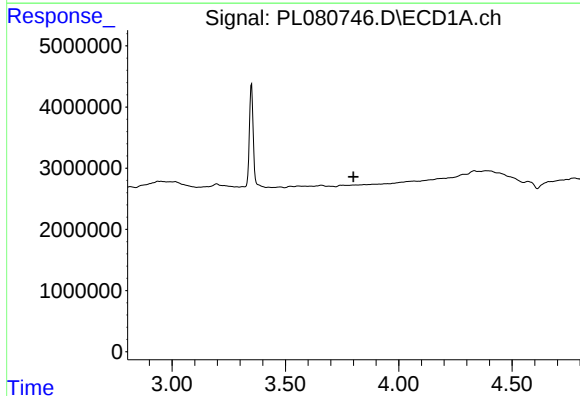
R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 19945467  
Conc: 9.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



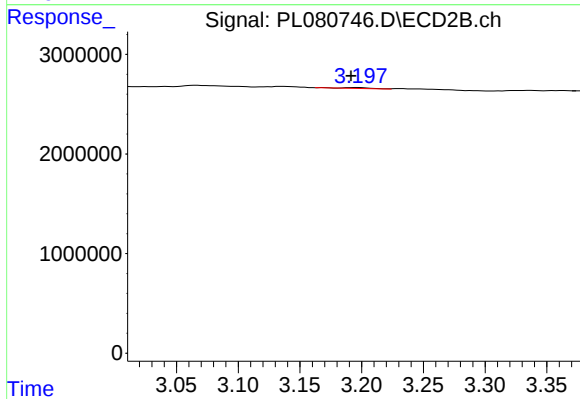
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.002 min  
Response: 19640553  
Conc: 8.94 ng/ml



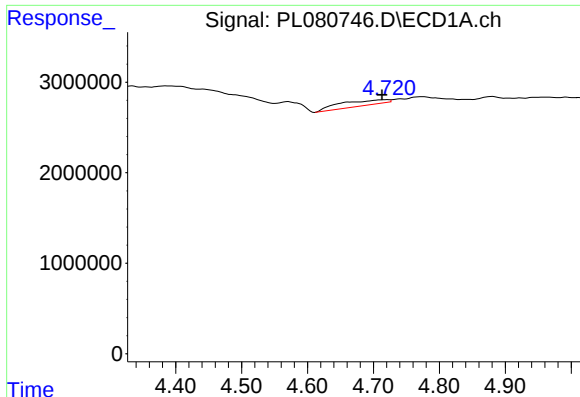
#2 alpha-BHC

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



#2 alpha-BHC

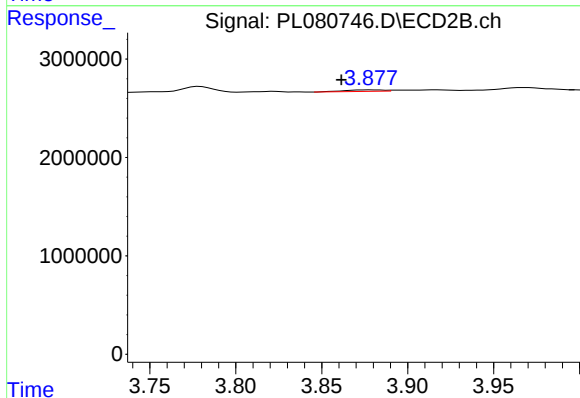
R.T.: 3.196 min  
Delta R.T.: 0.004 min  
Response: 162031  
Conc: 0.05 ng/ml



#4 Heptachlor

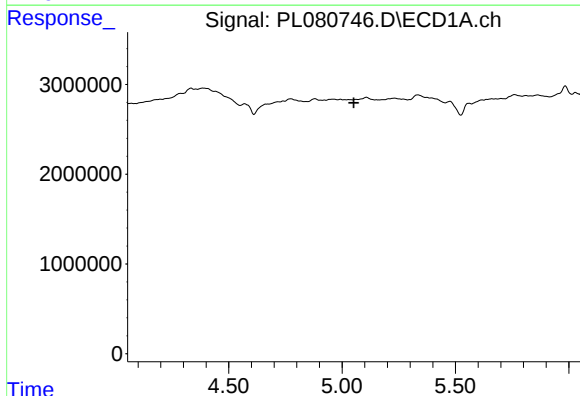
R.T.: 4.721 min  
Delta R.T.: 0.008 min  
Response: 2935502  
Conc: 0.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



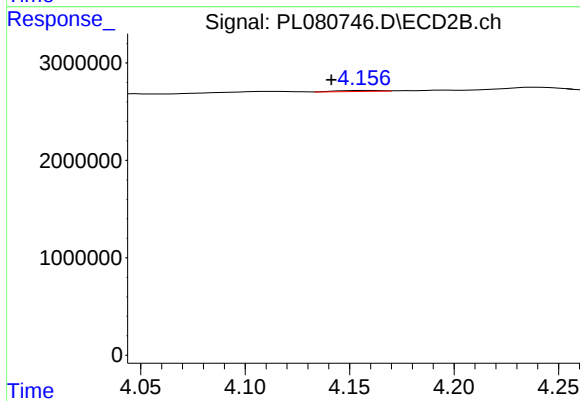
#4 Heptachlor

R.T.: 3.878 min  
Delta R.T.: 0.017 min  
Response: 244159  
Conc: 0.08 ng/ml



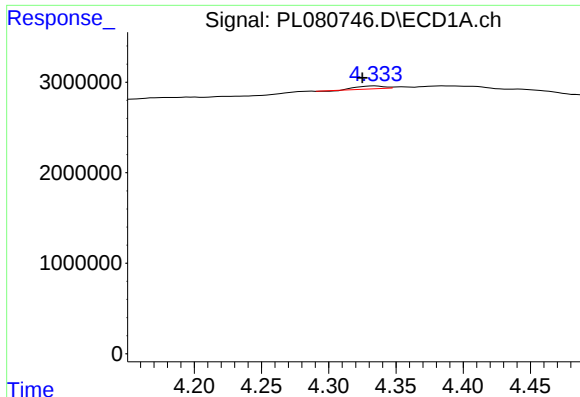
#5 Aldrin

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



#5 Aldrin

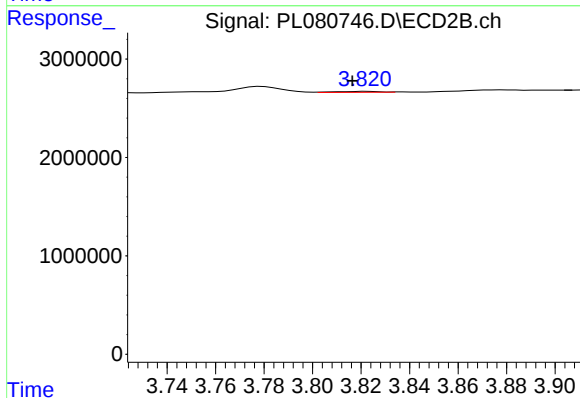
R.T.: 4.157 min  
Delta R.T.: 0.016 min  
Response: 162368  
Conc: 0.06 ng/ml



#6 beta-BHC

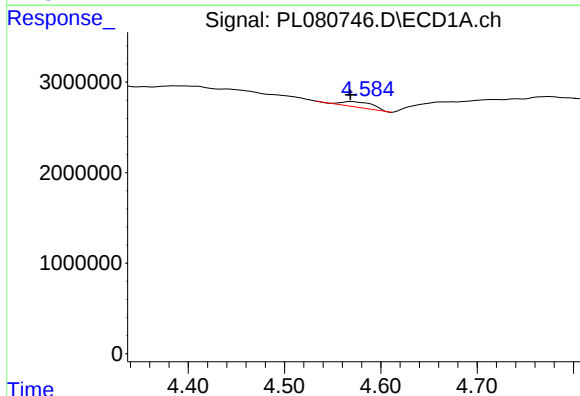
R.T.: 4.334 min  
Delta R.T.: 0.009 min  
Response: 435983  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



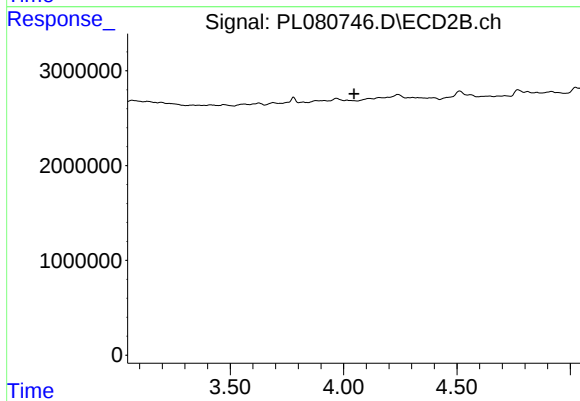
#6 beta-BHC

R.T.: 3.822 min  
Delta R.T.: 0.006 min  
Response: 124342  
Conc: 0.09 ng/ml



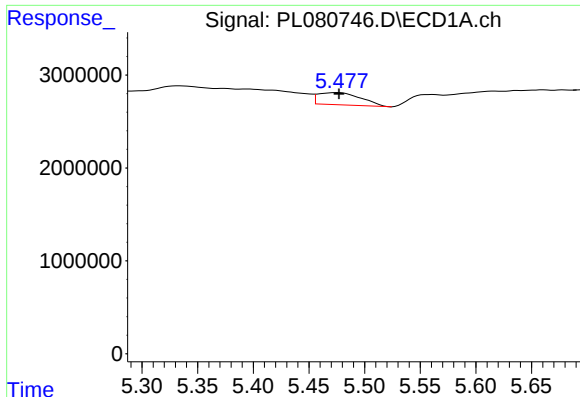
#7 delta-BHC

R.T.: 4.570 min  
Delta R.T.: 0.002 min  
Response: 1428210  
Conc: 0.49 ng/ml



#7 delta-BHC

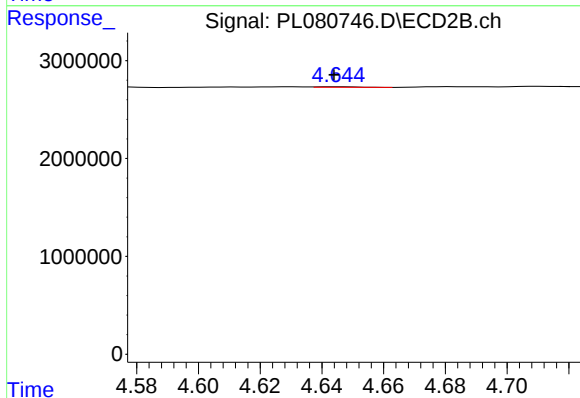
R.T.: 0.000 min  
Exp R.T. : 4.046 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

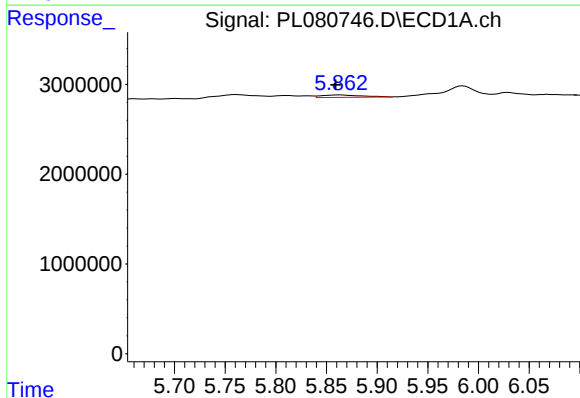
R.T.: 5.477 min  
Delta R.T.: 0.000 min  
Response: 3510248  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



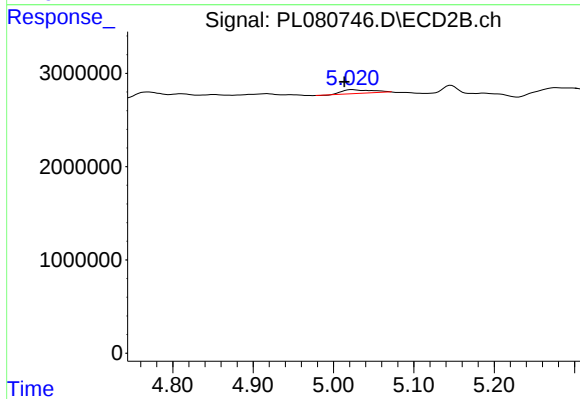
#8 Heptachlor epoxide

R.T.: 4.646 min  
Delta R.T.: 0.002 min  
Response: 49516  
Conc: 0.02 ng/ml



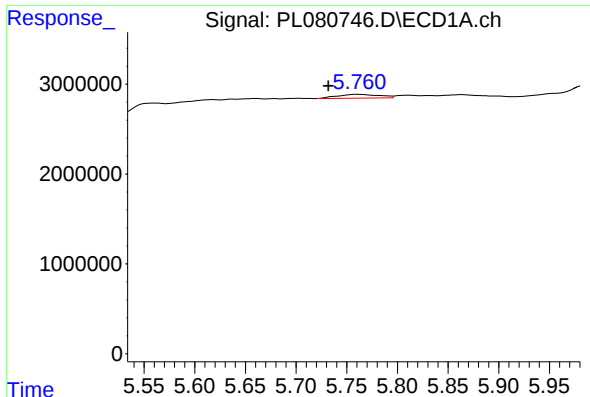
#9 Endosulfan I

R.T.: 5.863 min  
Delta R.T.: 0.004 min  
Response: 741245  
Conc: 0.31 ng/ml



#9 Endosulfan I

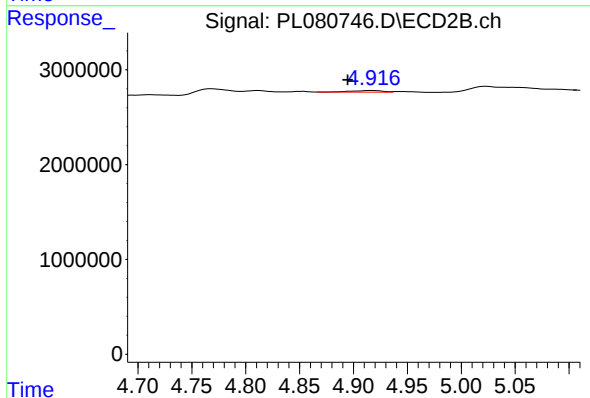
R.T.: 5.023 min  
Delta R.T.: 0.010 min  
Response: 1074432  
Conc: 0.41 ng/ml



#10 gamma-Chlordane

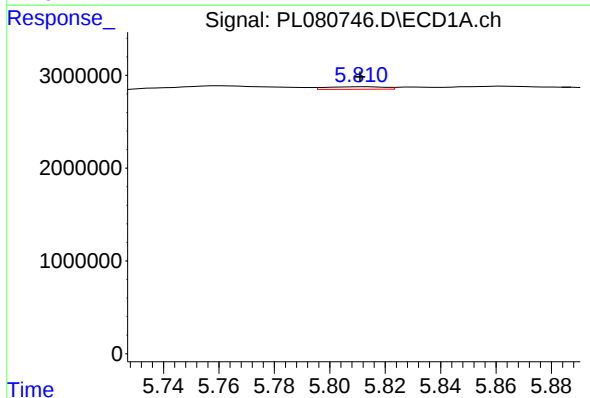
R.T.: 5.761 min  
Delta R.T.: 0.030 min  
Response: 1228478  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



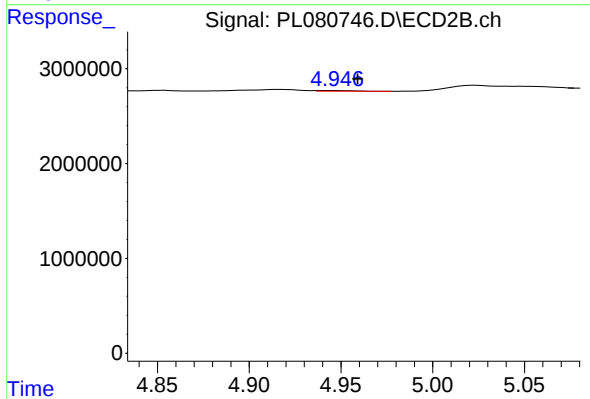
#10 gamma-Chlordane

R.T.: 4.918 min  
Delta R.T.: 0.023 min  
Response: 351818  
Conc: 0.12 ng/ml



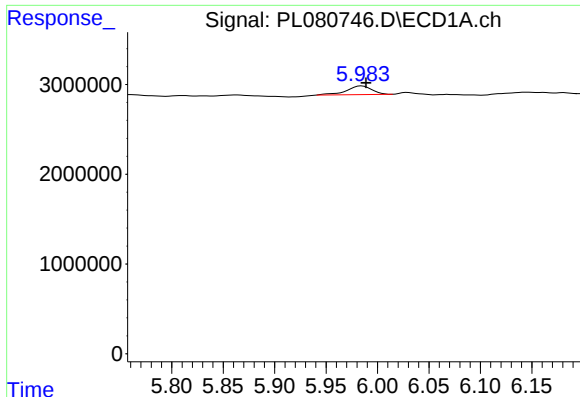
#11 alpha-Chlordane

R.T.: 5.813 min  
Delta R.T.: 0.002 min  
Response: 408812  
Conc: 0.16 ng/ml



#11 alpha-Chlordane

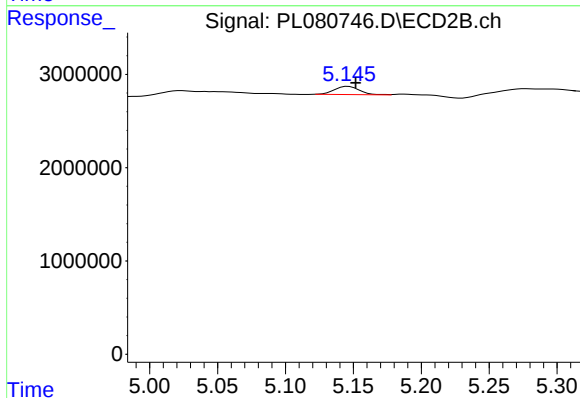
R.T.: 4.948 min  
Delta R.T.: -0.011 min  
Response: 106198  
Conc: 0.04 ng/ml



#12 4,4'-DDE

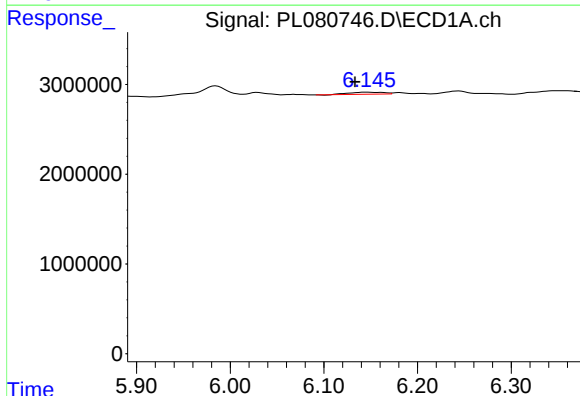
R.T.: 5.985 min  
Delta R.T.: -0.004 min  
Response: 1673387  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



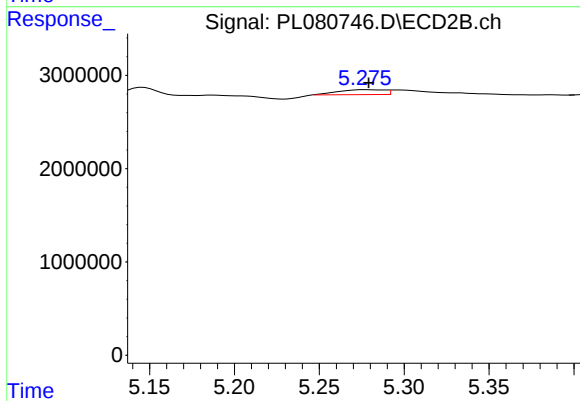
#12 4,4'-DDE

R.T.: 5.146 min  
Delta R.T.: -0.006 min  
Response: 1129785  
Conc: 0.48 ng/ml



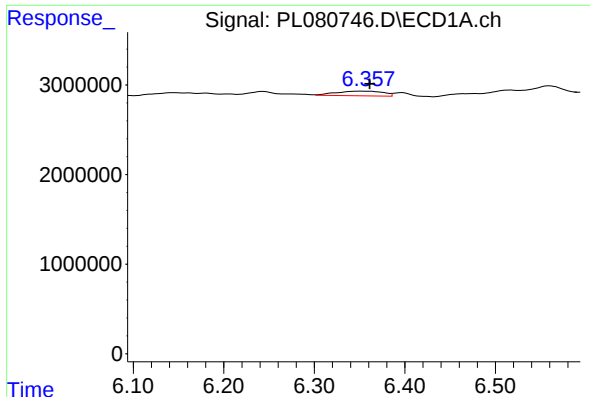
#13 Dieldrin

R.T.: 6.146 min  
Delta R.T.: 0.013 min  
Response: 544505  
Conc: 0.23 ng/ml



#13 Dieldrin

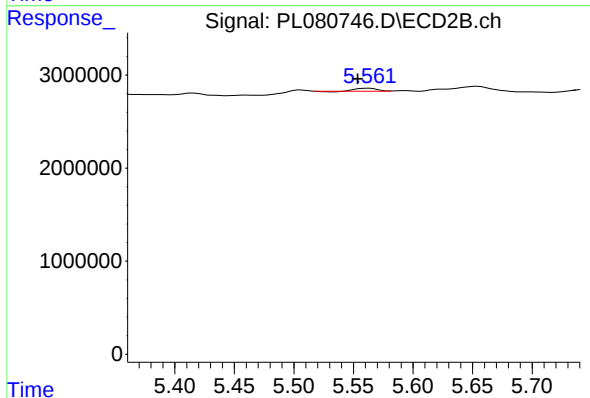
R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 1006383  
Conc: 0.37 ng/ml



#14 Endrin

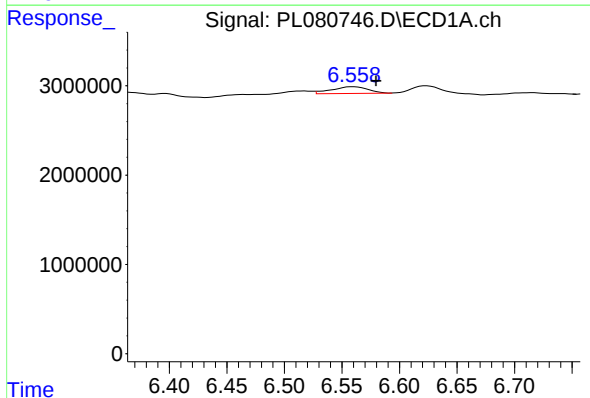
R.T.: 6.351 min  
Delta R.T.: -0.010 min  
Response: 1842194  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



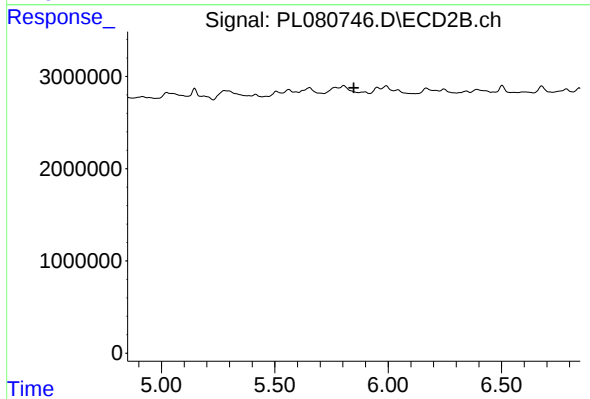
#14 Endrin

R.T.: 5.562 min  
Delta R.T.: 0.009 min  
Response: 381246  
Conc: 0.16 ng/ml



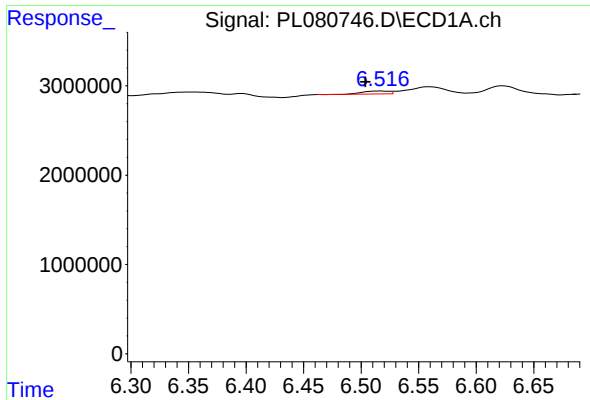
#15 Endosulfan II

R.T.: 6.560 min  
Delta R.T.: -0.020 min  
Response: 1665298  
Conc: 0.73 ng/ml



#15 Endosulfan II

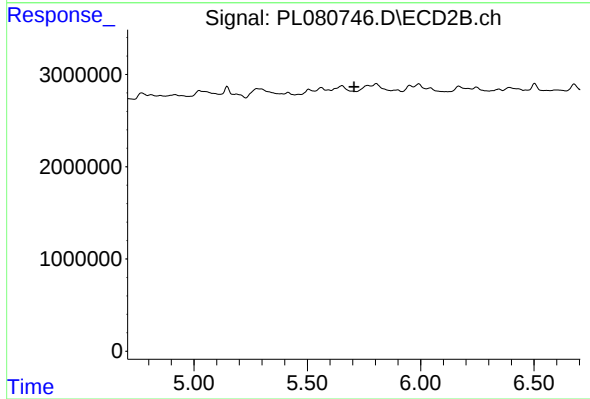
R.T.: 0.000 min  
Exp R.T. : 5.848 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

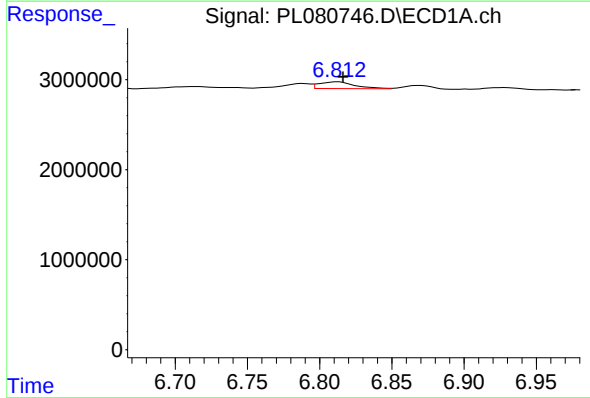
R.T.: 6.517 min  
Delta R.T.: 0.013 min  
Response: 539030  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



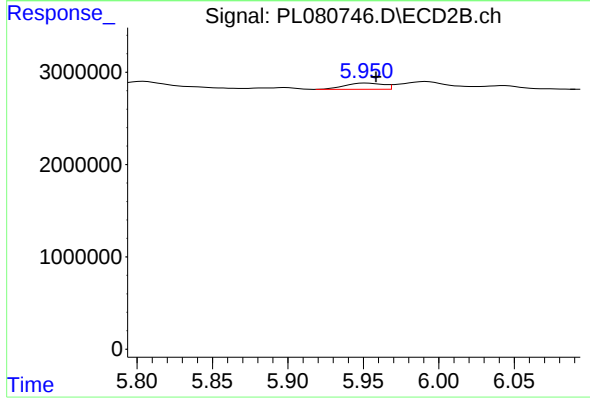
#16 4,4'-DDD

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



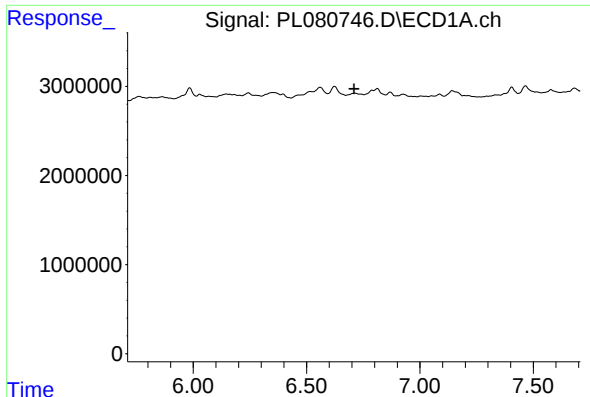
#17 4,4'-DDT

R.T.: 6.813 min  
Delta R.T.: -0.003 min  
Response: 1297660  
Conc: 0.62 ng/ml



#17 4,4'-DDT

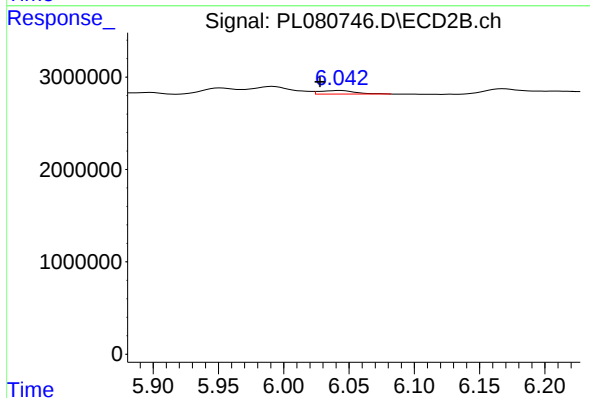
R.T.: 5.952 min  
Delta R.T.: -0.007 min  
Response: 1204188  
Conc: 0.57 ng/ml



#18 Endrin aldehyde

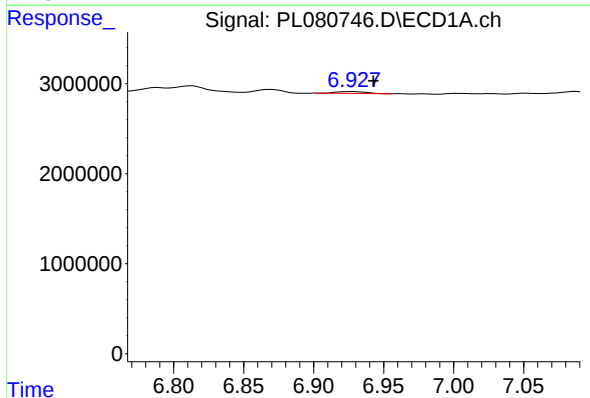
R.T.: 6.715 min  
Delta R.T.: 0.006 min  
Response: -368976  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



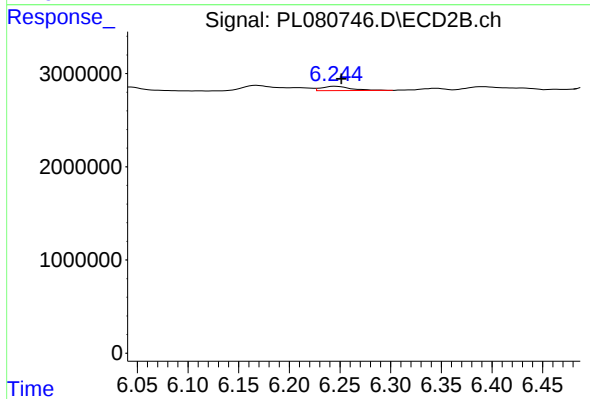
#18 Endrin aldehyde

R.T.: 6.044 min  
Delta R.T.: 0.016 min  
Response: 703098  
Conc: 0.39 ng/ml



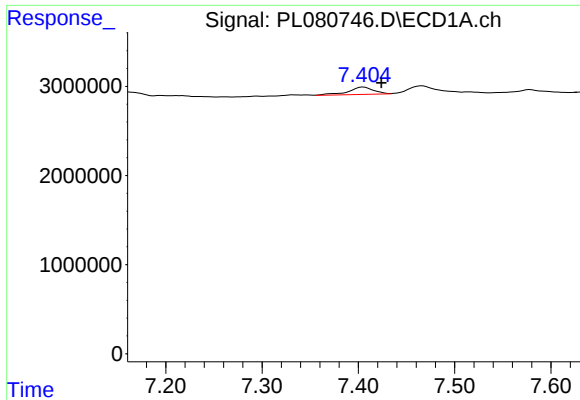
#19 Endosulfan Sulfate

R.T.: 6.928 min  
Delta R.T.: -0.015 min  
Response: 298177  
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

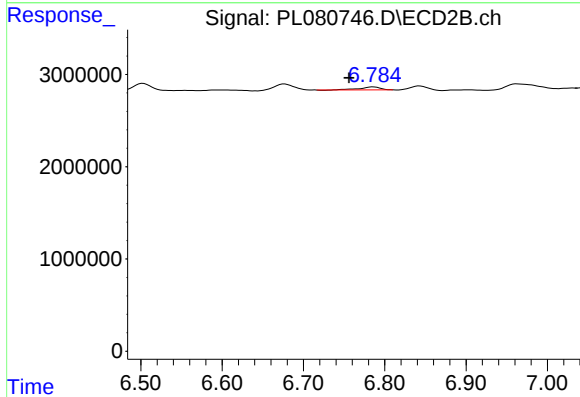
R.T.: 6.245 min  
Delta R.T.: -0.006 min  
Response: 904542  
Conc: 0.39 ng/ml



#21 Endrin ketone

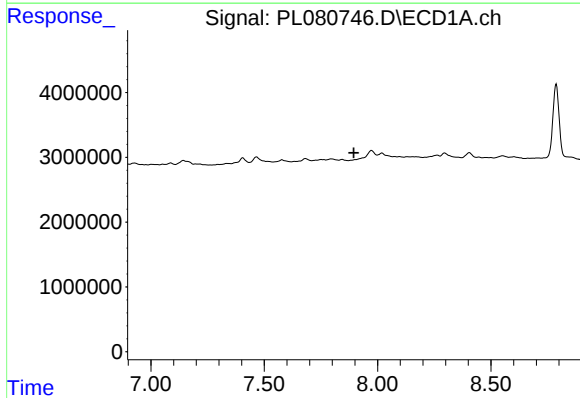
R.T.: 7.405 min  
Delta R.T.: -0.018 min  
Response: 1520326  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



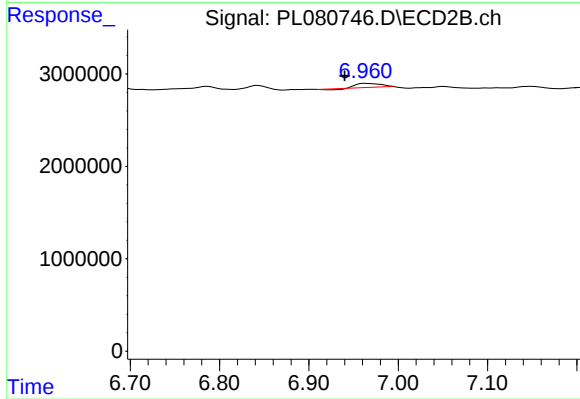
#21 Endrin ketone

R.T.: 6.786 min  
Delta R.T.: 0.030 min  
Response: 560684  
Conc: 0.22 ng/ml



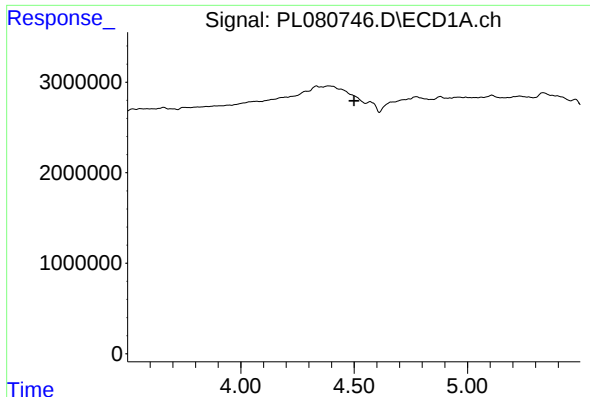
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.896 min  
Response: 0  
Conc: N.D.



#22 Mirex

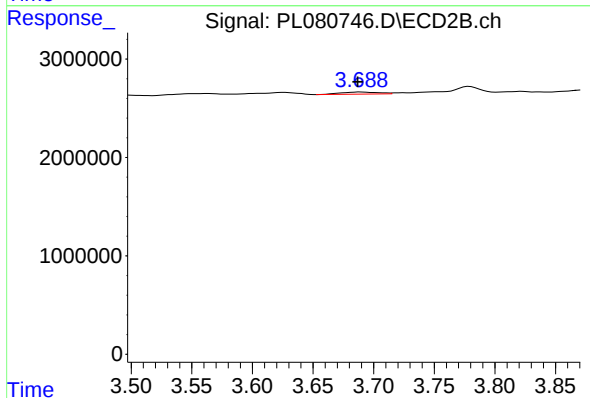
R.T.: 6.963 min  
Delta R.T.: 0.023 min  
Response: 755098  
Conc: 0.33 ng/ml



#23 Chlordane-1

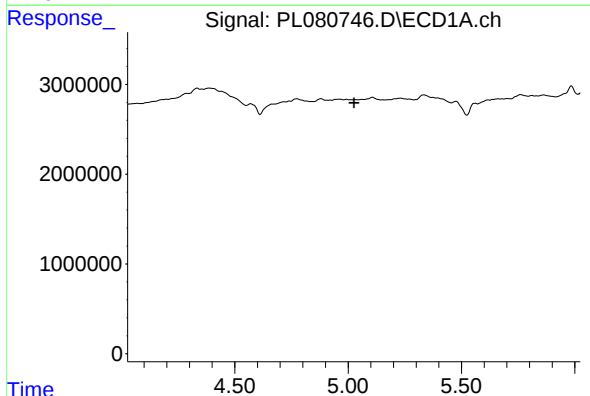
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



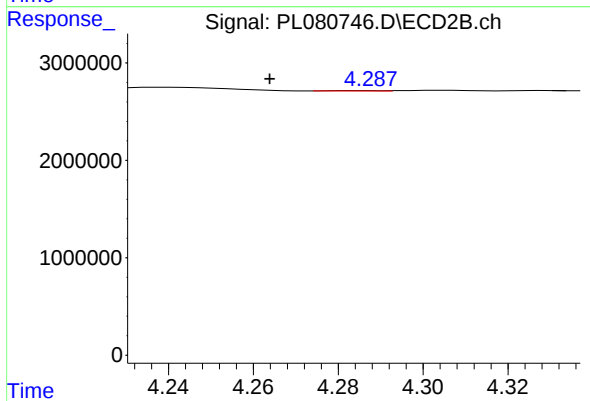
#23 Chlordane-1

R.T.: 3.689 min  
Delta R.T.: 0.002 min  
Response: 466848  
Conc: 5.73 ng/ml



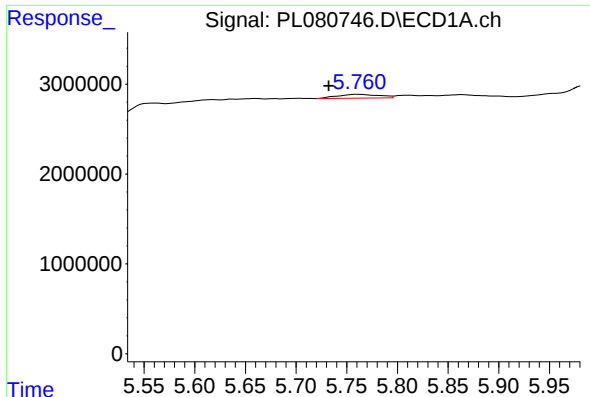
#24 Chlordane-2

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



#24 Chlordane-2

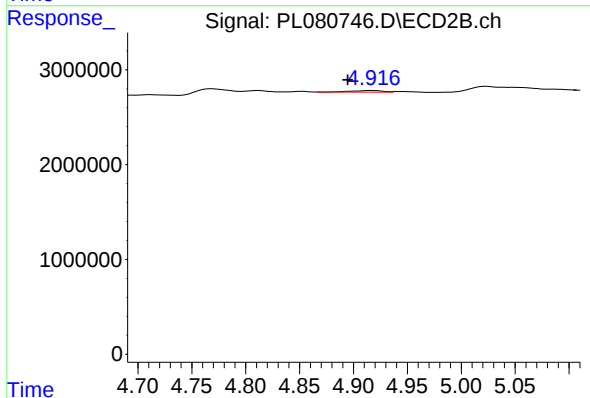
R.T.: 4.286 min  
Delta R.T.: 0.022 min  
Response: 37509  
Conc: 0.42 ng/ml



#25 Chlordane-3

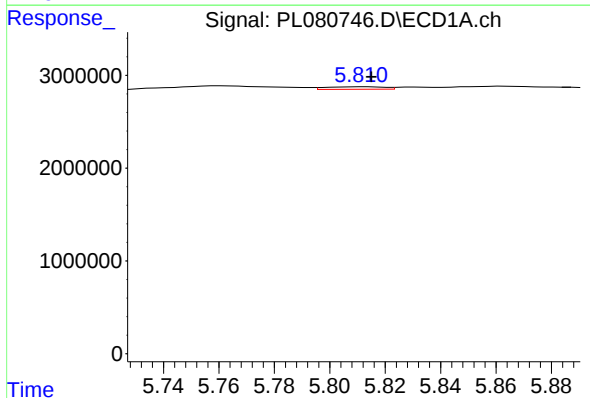
R.T.: 5.761 min  
Delta R.T.: 0.029 min  
Response: 1228478  
Conc: 3.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



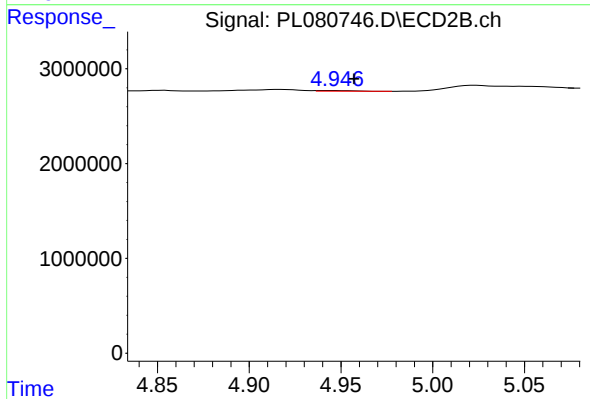
#25 Chlordane-3

R.T.: 4.918 min  
Delta R.T.: 0.023 min  
Response: 351818  
Conc: 1.33 ng/ml



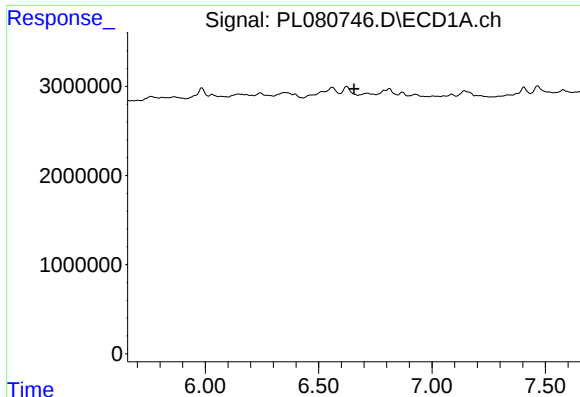
#26 Chlordane-4

R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 408812  
Conc: 0.95 ng/ml



#26 Chlordane-4

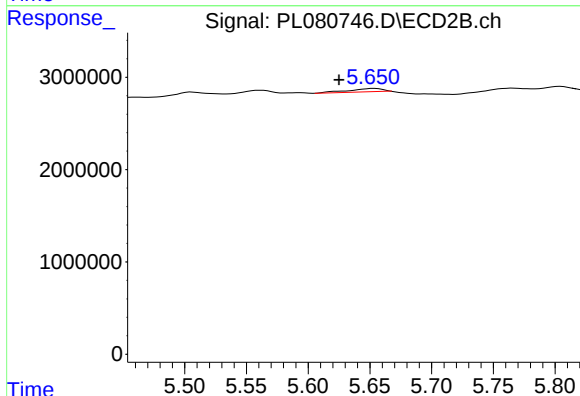
R.T.: 4.948 min  
Delta R.T.: -0.010 min  
Response: 106198  
Conc: 0.39 ng/ml



#27 Chlordane-5

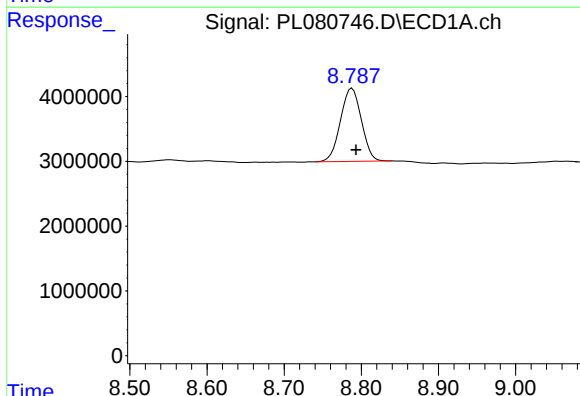
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



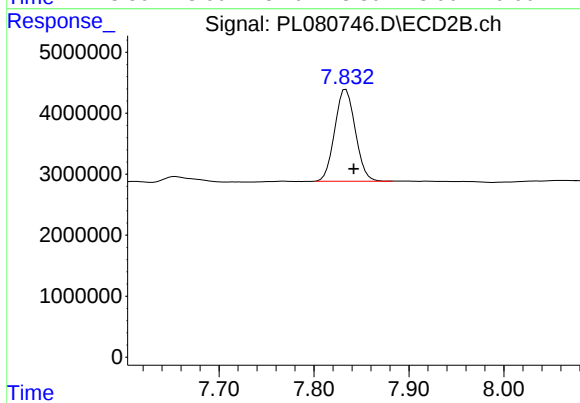
#27 Chlordane-5

R.T.: 5.653 min  
Delta R.T.: 0.029 min  
Response: 672390  
Conc: 9.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.005 min  
Response: 21249415  
Conc: 12.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min  
Delta R.T.: -0.008 min  
Response: 22680707  
Conc: 9.52 ng/ml