

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021623\  
 Data File : PL080966.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2023 09:47  
 Operator : AR\AJ  
 Sample : 01541-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 20:26:06 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... | 3.362  | 2.689  | 40257017 | 37563330 | 18.769 | 17.102   |
| 28)                         | SA Decachlor... | 8.801  | 7.837  | 34927221 | 42142203 | 19.950 | 17.688   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.779f | 3.205  | 1490503  | 72252    | 0.470  | 0.023 #  |
| 3)                          | MA gamma-BHC... | 4.102f | 3.510  | 368048   | 26945    | 0.125  | 0.009 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.884f | 0        | 93337    | N.D.   | 0.029 #  |
| 5)                          | MB Aldrin       | 5.043  | 4.112f | 831933   | 6827475  | 0.304  | 2.315 #  |
| 6)                          | B beta-BHC      | 4.320  | 3.821  | 589465   | 722886   | 0.432  | 0.542 #  |
| 7)                          | B delta-BHC     | 4.582  | 4.037  | 11216338 | 765196   | 3.874  | 0.265 #  |
| 8)                          | B Heptachlo...  | 5.486  | 4.672f | 17989498 | 153187   | 6.954  | 0.055 #  |
| 9)                          | A Endosulfan I  | 5.861  | 5.022  | 1959555  | 207592   | 0.830  | 0.080 #  |
| 10)                         | B gamma-Chl...  | 5.715f | 4.889  | 237222   | 432404   | 0.094  | 0.153 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.942f | 0        | 3566487  | N.D.   | 1.245 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.178f | 0        | 1964091  | N.D.   | 0.833 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.285  | 0        | 2815641  | N.D.   | 1.041 #  |
| 14)                         | MA Endrin       | 0.000  | 5.568  | 0        | 7351193  | N.D.   | 3.167 #  |
| 15)                         | B Endosulfa...  | 6.605f | 5.851  | 2255742  | 723173   | 0.984  | 0.347 #  |
| 16)                         | A 4,4'-DDD      | 6.521f | 0.000  | 11307247 | 0        | 6.172  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.954  | 0        | 40551    | N.D.   | 0.019 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.022  | 0        | 13960    | N.D.   | 0.008 #  |
| 19)                         | B Endosulfa...  | 6.950  | 6.228f | 1746388  | 327125   | 0.844  | 0.141 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.529  | 0        | 52017    | N.D.   | 0.043 #  |
| 23)                         | Chlordane-1     | 4.529f | 3.697  | 3321751  | 543457   | 38.997 | 6.674 #  |
| 24)                         | Chlordane-2     | 5.043f | 4.245f | 831933   | 2436044  | 8.626  | 27.020 # |
| 25)                         | Chlordane-3     | 5.715f | 4.889  | 237222   | 432404   | 0.702  | 1.639 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.942f | 0        | 3566487  | N.D.   | 13.244 # |
| 27)                         | Chlordane-5     | 0.000  | 5.634  | 0        | 1040666  | N.D.   | 14.625 # |
| -----                       |                 |        |        |          |          |        |          |

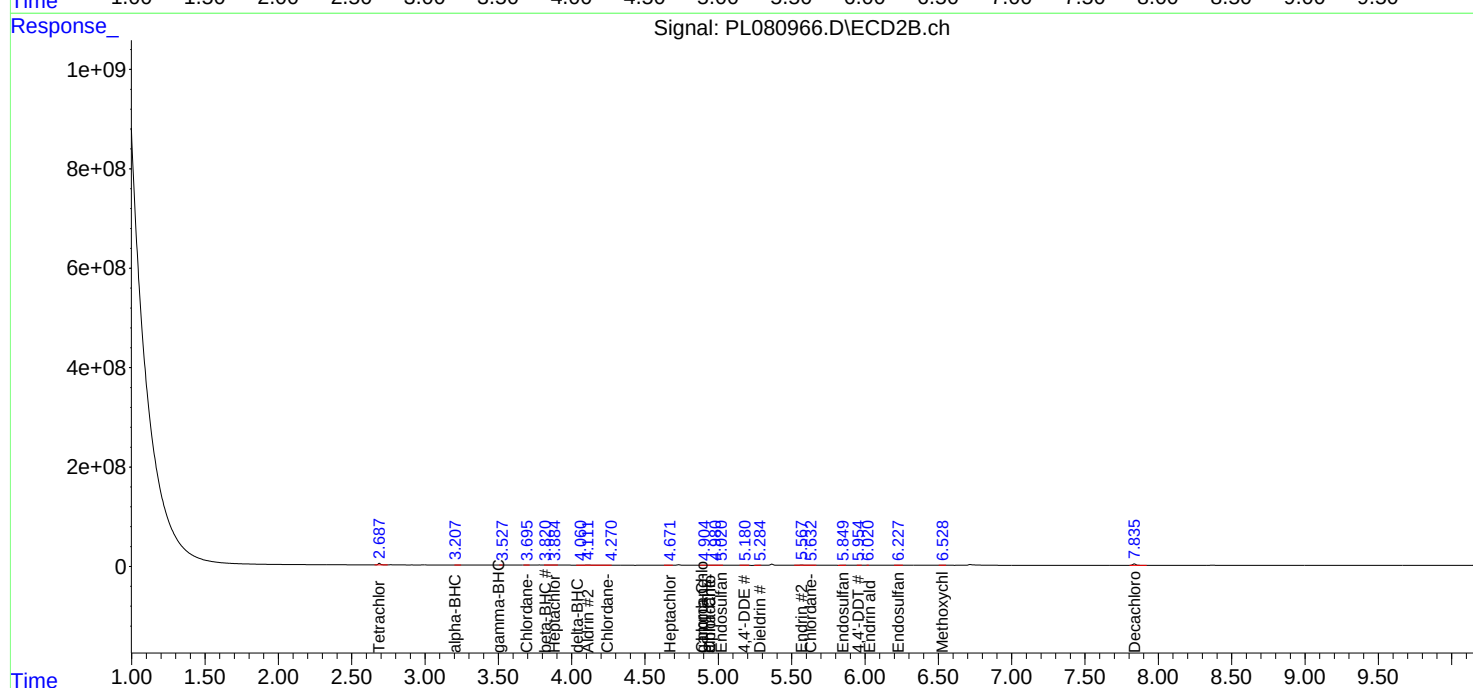
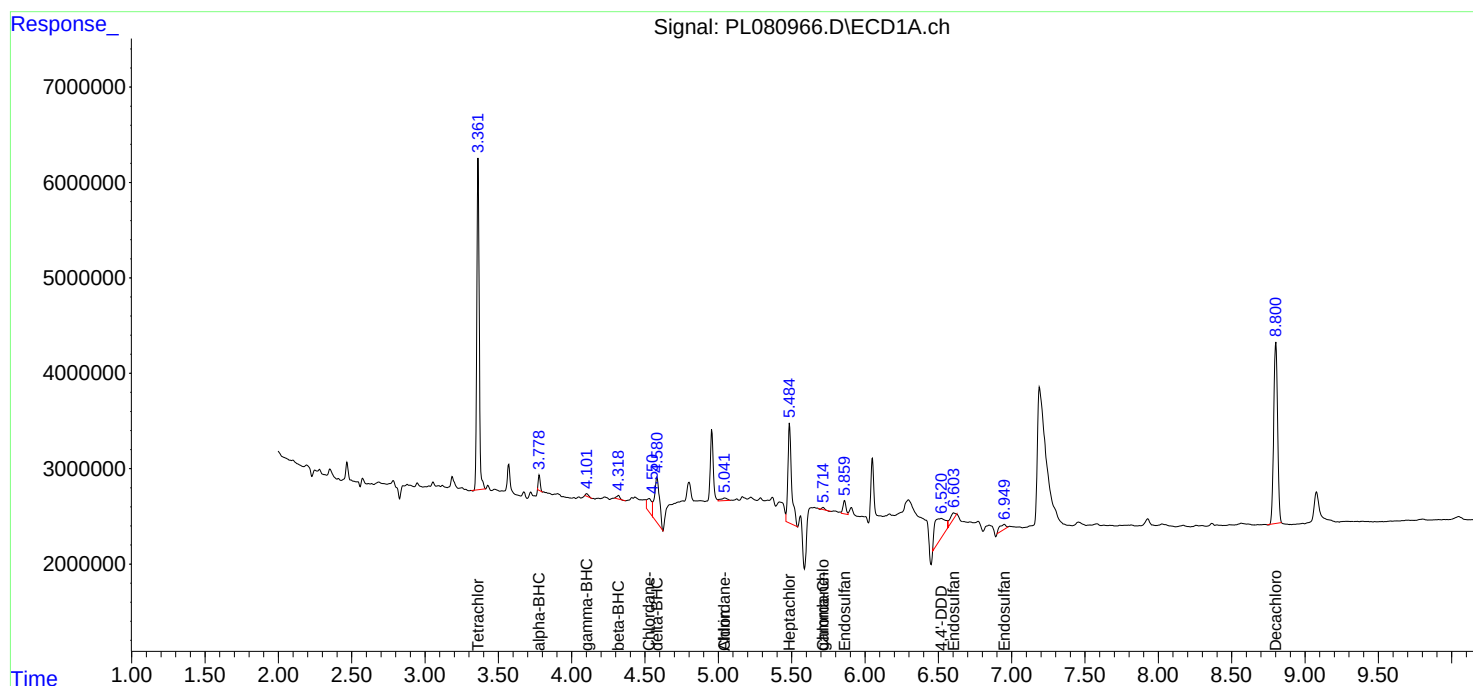
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

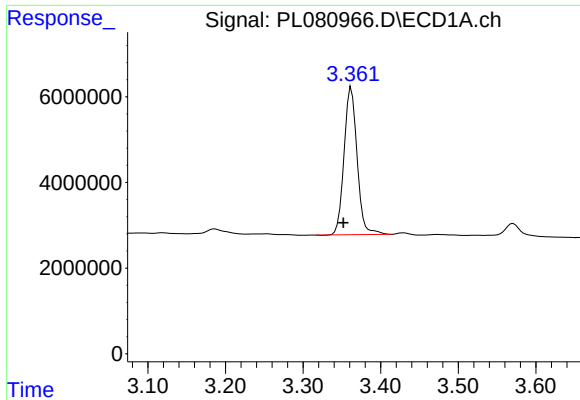
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021623\  
Data File : PL080966.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Feb 2023 09:47  
Operator : AR\AJ  
Sample : 01541-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 20:26:06 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

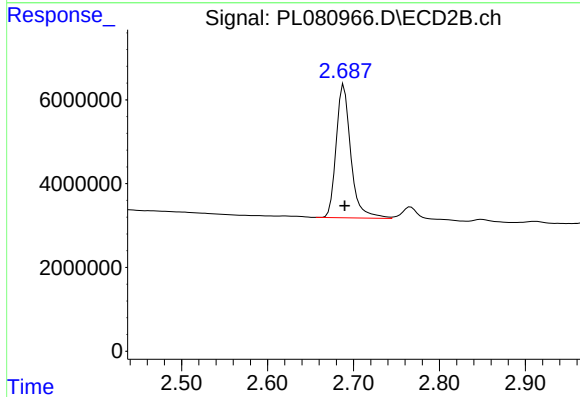




#1 Tetrachloro-m-xylene

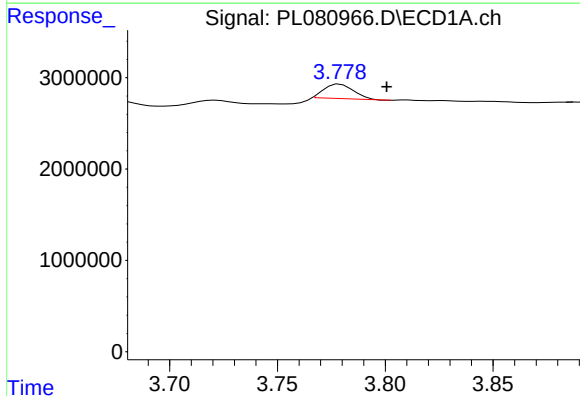
R.T.: 3.362 min  
Delta R.T.: 0.010 min  
Response: 40257017  
Conc: 18.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



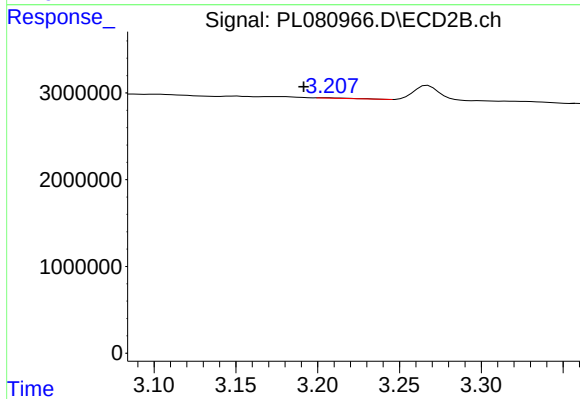
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 37563330  
Conc: 17.10 ng/ml



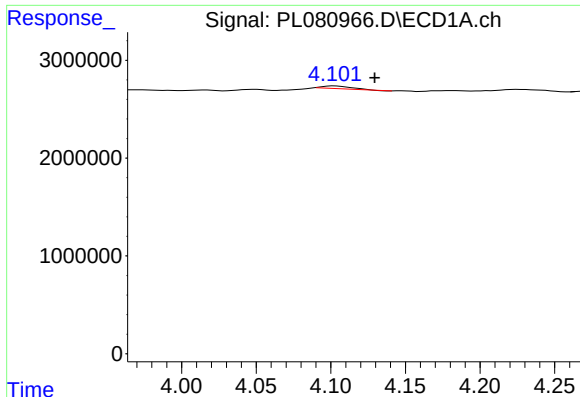
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: -0.022 min  
Response: 1490503  
Conc: 0.47 ng/ml



#2 alpha-BHC

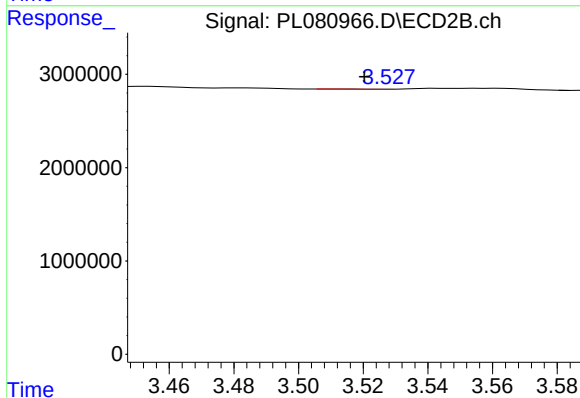
R.T.: 3.205 min  
Delta R.T.: 0.014 min  
Response: 72252  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

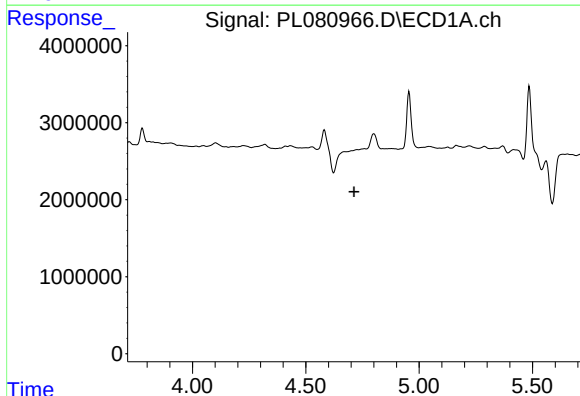
R.T.: 4.102 min  
Delta R.T.: -0.027 min  
Response: 368048  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



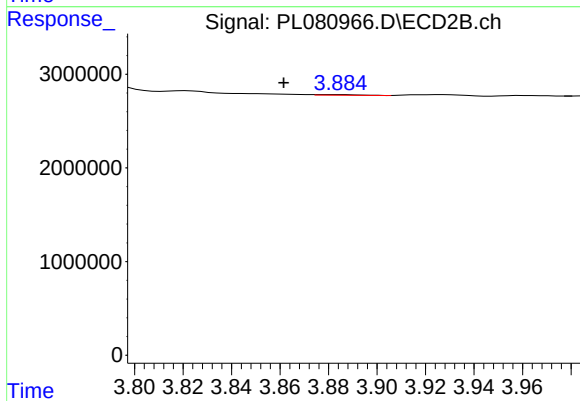
#3 gamma-BHC (Lindane)

R.T.: 3.510 min  
Delta R.T.: -0.010 min  
Response: 26945  
Conc: 0.01 ng/ml



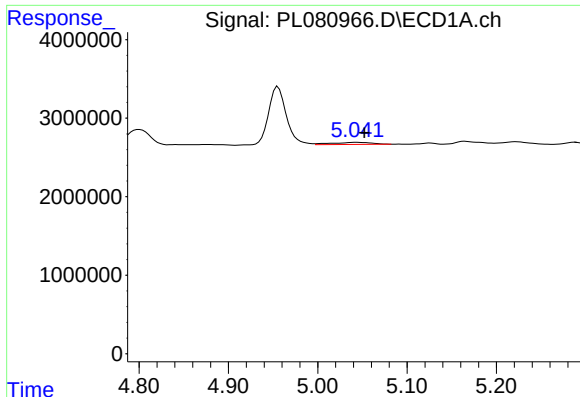
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.713 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

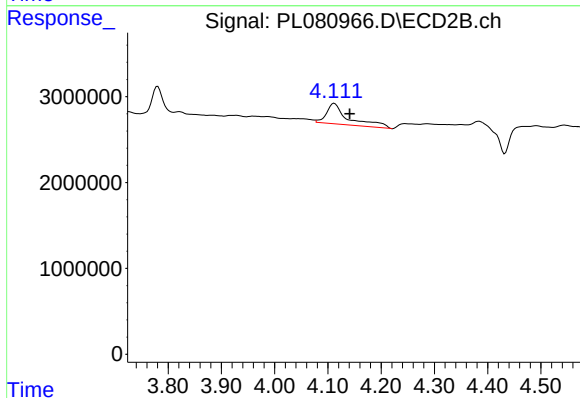
R.T.: 3.884 min  
Delta R.T.: 0.022 min  
Response: 93337  
Conc: 0.03 ng/ml



#5 Aldrin

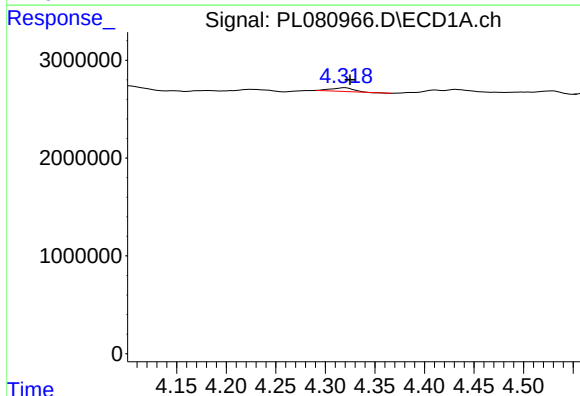
R.T.: 5.043 min  
Delta R.T.: -0.009 min  
Response: 831933  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



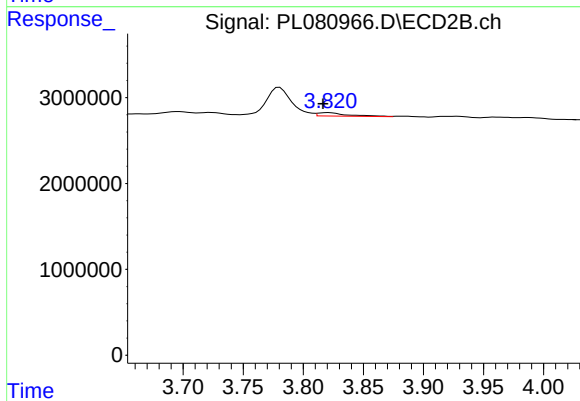
#5 Aldrin

R.T.: 4.112 min  
Delta R.T.: -0.029 min  
Response: 6827475  
Conc: 2.31 ng/ml



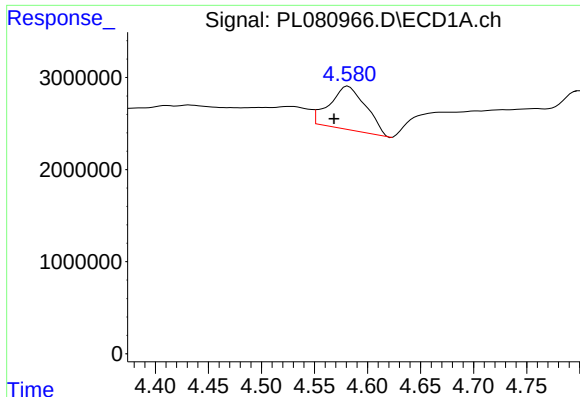
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: -0.006 min  
Response: 589465  
Conc: 0.43 ng/ml



#6 beta-BHC

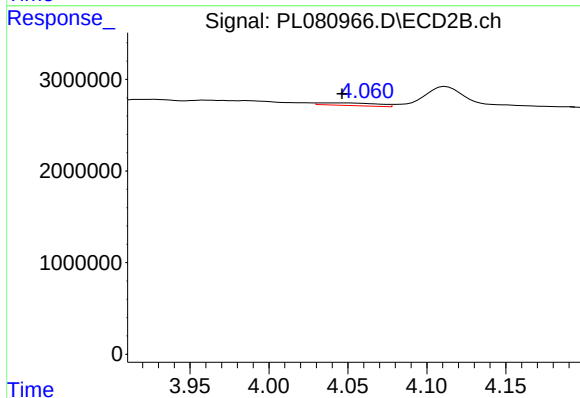
R.T.: 3.821 min  
Delta R.T.: 0.005 min  
Response: 722886  
Conc: 0.54 ng/ml



#7 delta-BHC

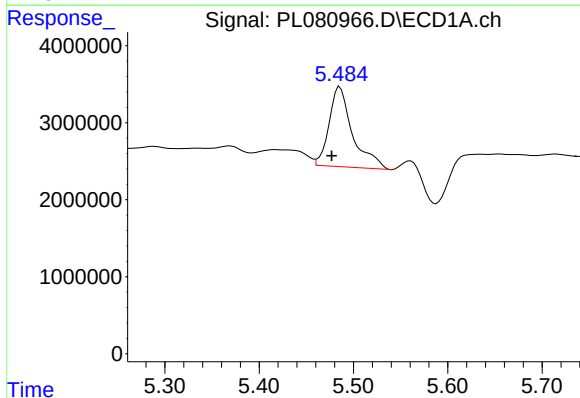
R.T.: 4.582 min  
Delta R.T.: 0.013 min  
Response: 11216338  
Conc: 3.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



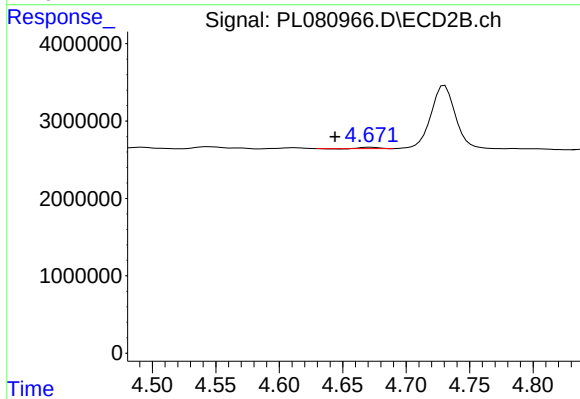
#7 delta-BHC

R.T.: 4.037 min  
Delta R.T.: -0.009 min  
Response: 765196  
Conc: 0.27 ng/ml



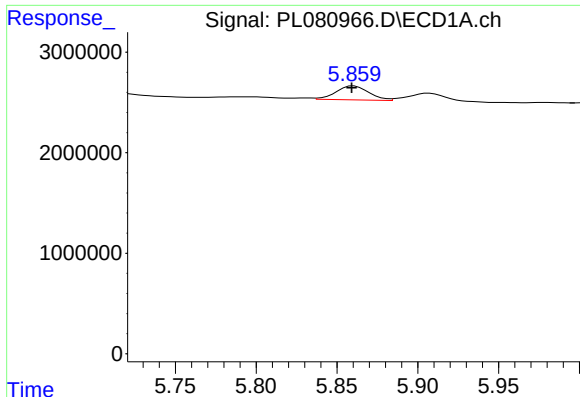
#8 Heptachlor epoxide

R.T.: 5.486 min  
Delta R.T.: 0.008 min  
Response: 17989498  
Conc: 6.95 ng/ml



#8 Heptachlor epoxide

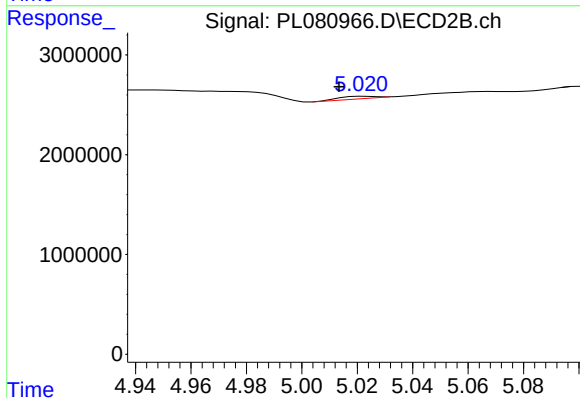
R.T.: 4.672 min  
Delta R.T.: 0.028 min  
Response: 153187  
Conc: 0.06 ng/ml



#9 Endosulfan I

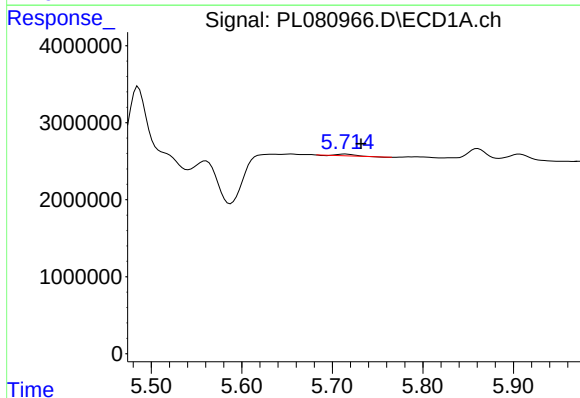
R.T.: 5.861 min  
Delta R.T.: 0.001 min  
Response: 1959555  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



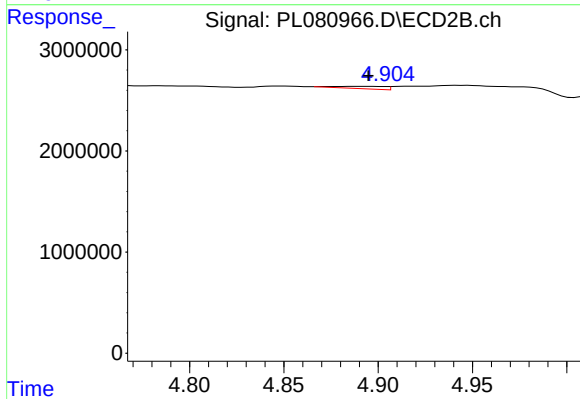
#9 Endosulfan I

R.T.: 5.022 min  
Delta R.T.: 0.009 min  
Response: 207592  
Conc: 0.08 ng/ml



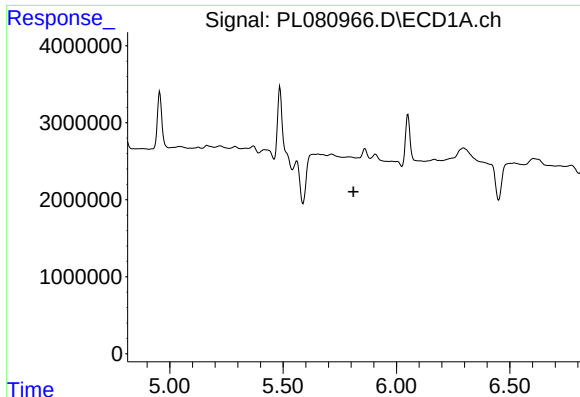
#10 gamma-Chlordane

R.T.: 5.715 min  
Delta R.T.: -0.017 min  
Response: 237222  
Conc: 0.09 ng/ml



#10 gamma-Chlordane

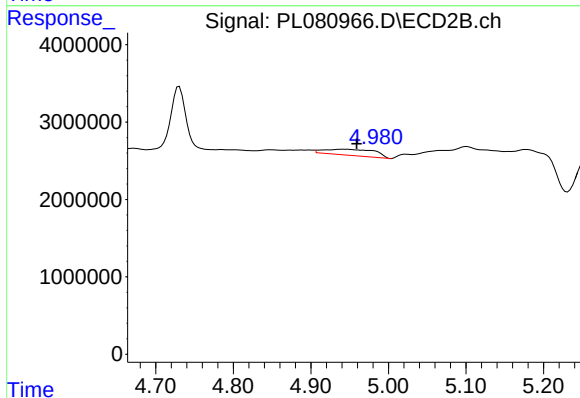
R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 432404  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

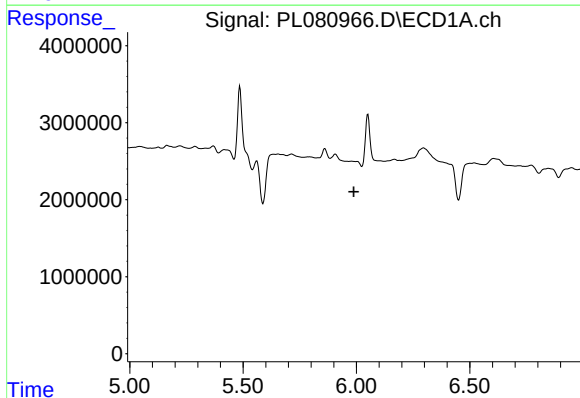
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



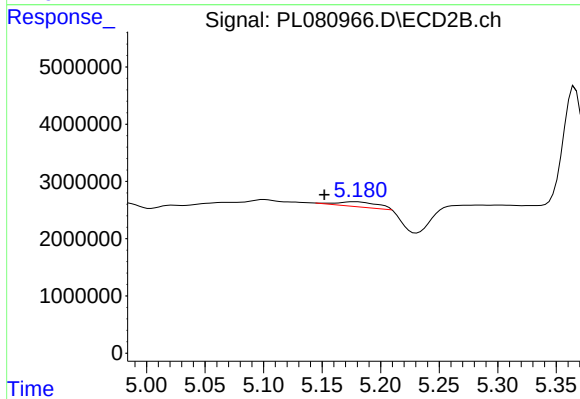
#11 alpha-Chlordane

R.T.: 4.942 min  
Delta R.T.: -0.017 min  
Response: 3566487  
Conc: 1.24 ng/ml



#12 4,4'-DDE

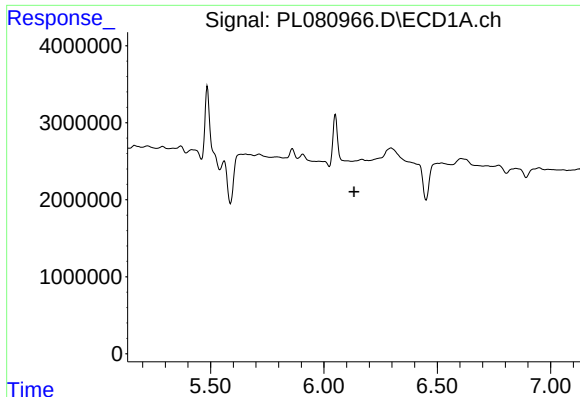
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.178 min  
Delta R.T.: 0.026 min  
Response: 1964091  
Conc: 0.83 ng/ml

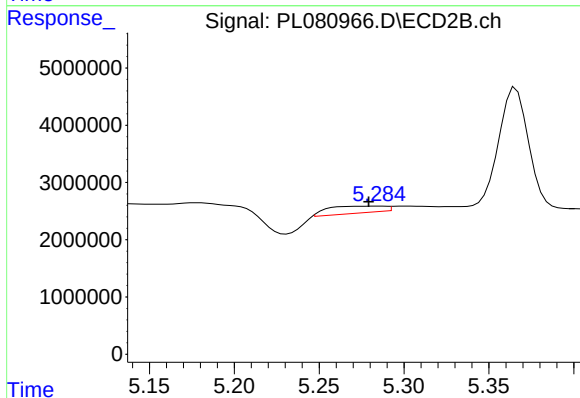




#13 Dieldrin

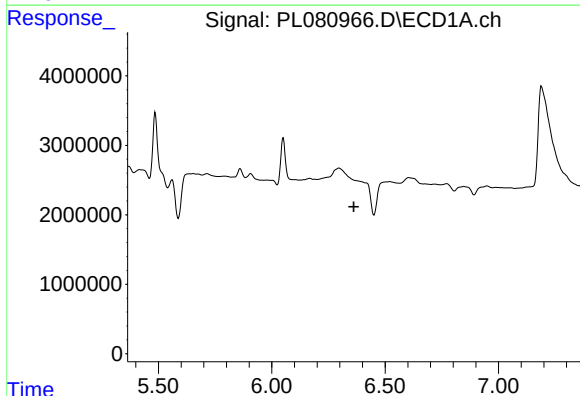
R.T.: 0.000 min  
Exp R.T. : 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



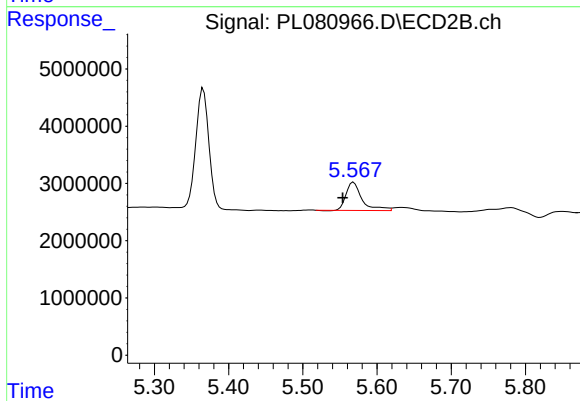
#13 Dieldrin

R.T.: 5.285 min  
Delta R.T.: 0.006 min  
Response: 2815641  
Conc: 1.04 ng/ml



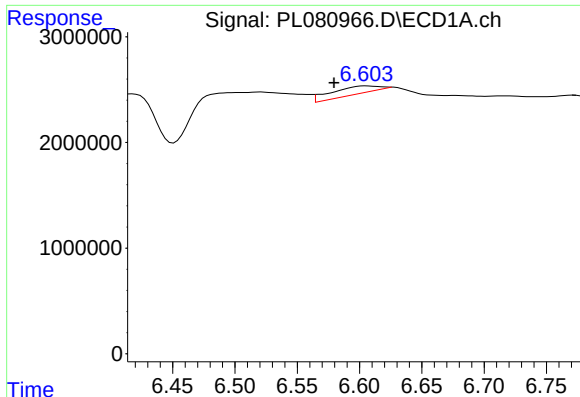
#14 Endrin

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



#14 Endrin

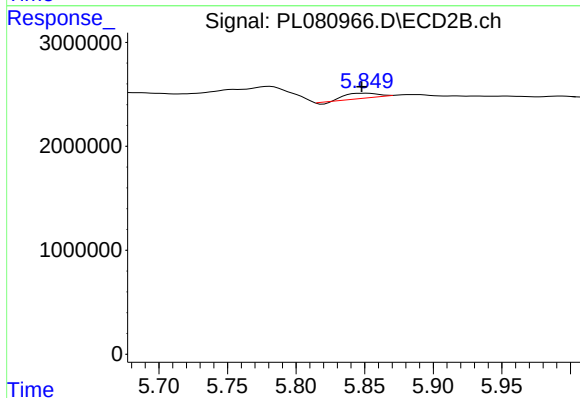
R.T.: 5.568 min  
Delta R.T.: 0.015 min  
Response: 7351193  
Conc: 3.17 ng/ml



#15 Endosulfan II

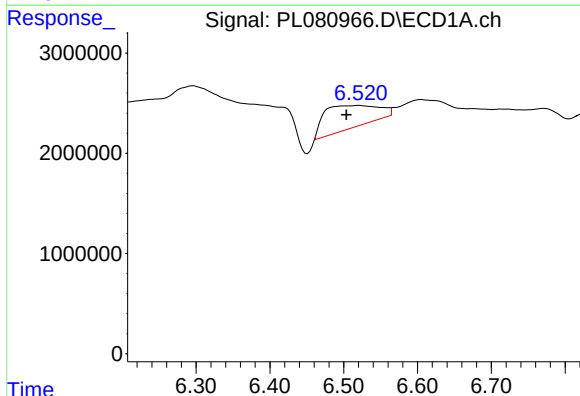
R.T.: 6.605 min  
Delta R.T.: 0.025 min  
Response: 2255742  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



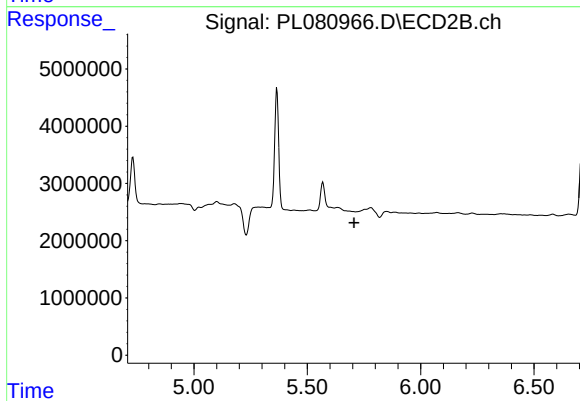
#15 Endosulfan II

R.T.: 5.851 min  
Delta R.T.: 0.003 min  
Response: 723173  
Conc: 0.35 ng/ml



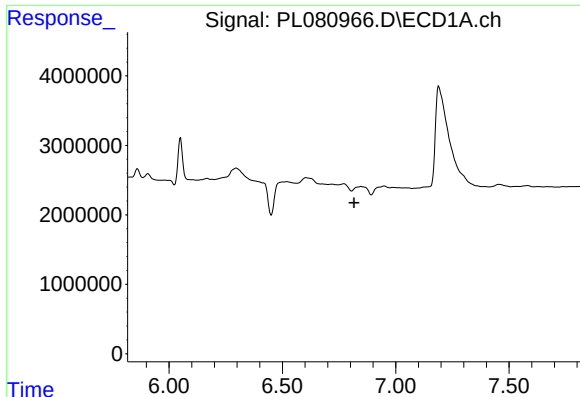
#16 4,4'-DDD

R.T.: 6.521 min  
Delta R.T.: 0.017 min  
Response: 11307247  
Conc: 6.17 ng/ml



#16 4,4'-DDD

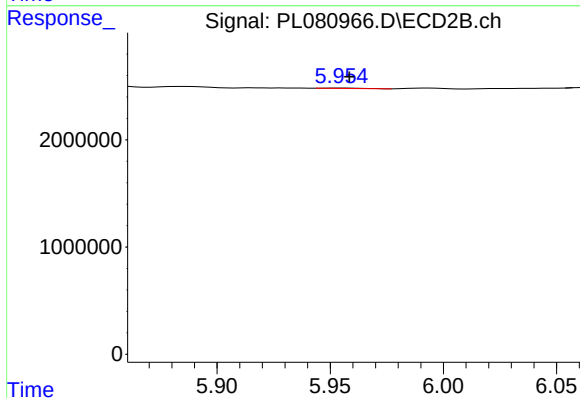
R.T.: 0.000 min  
Exp R.T. : 5.706 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

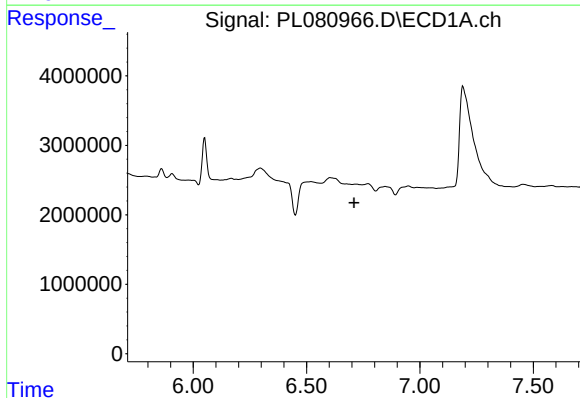
R.T.: 0.000 min  
Exp R.T.: 6.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



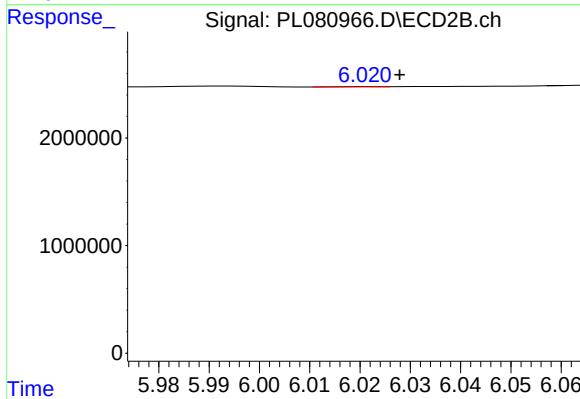
#17 4,4'-DDT

R.T.: 5.954 min  
Delta R.T.: -0.004 min  
Response: 40551  
Conc: 0.02 ng/ml



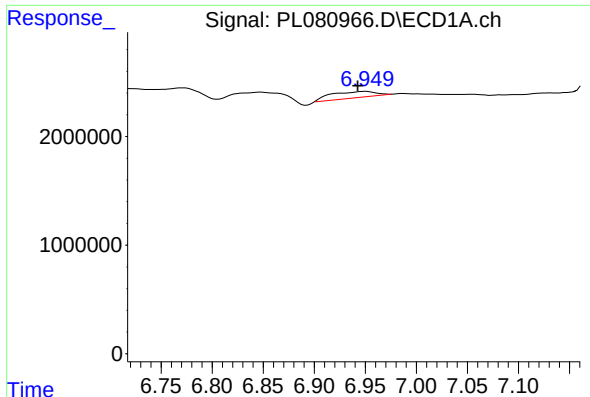
#18 Endrin aldehyde

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



#18 Endrin aldehyde

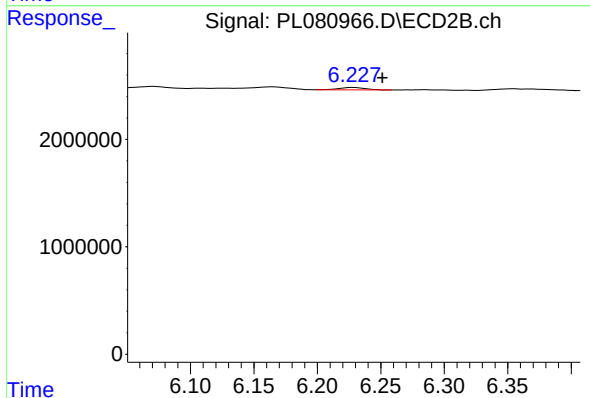
R.T.: 6.022 min  
Delta R.T.: -0.006 min  
Response: 13960  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

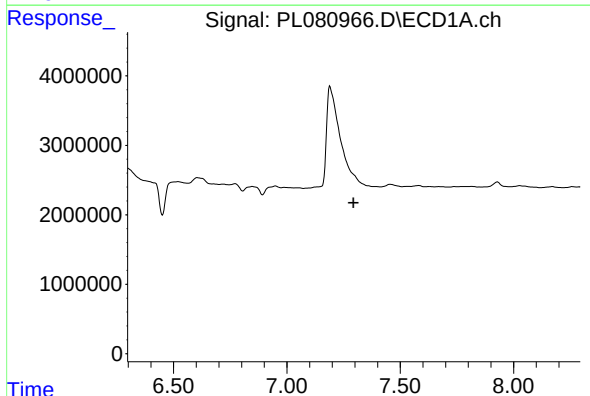
R.T.: 6.950 min  
Delta R.T.: 0.008 min  
Response: 1746388  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



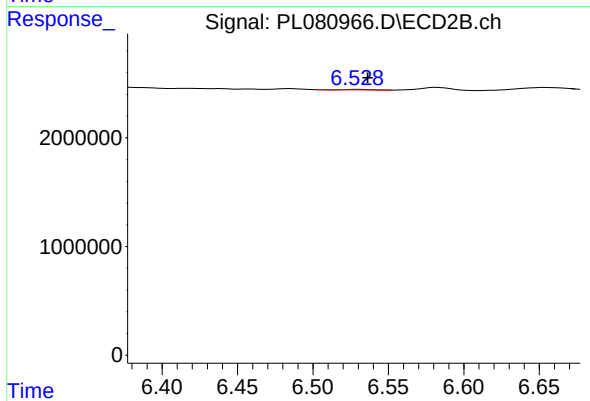
#19 Endosulfan Sulfate

R.T.: 6.228 min  
Delta R.T.: -0.023 min  
Response: 327125  
Conc: 0.14 ng/ml



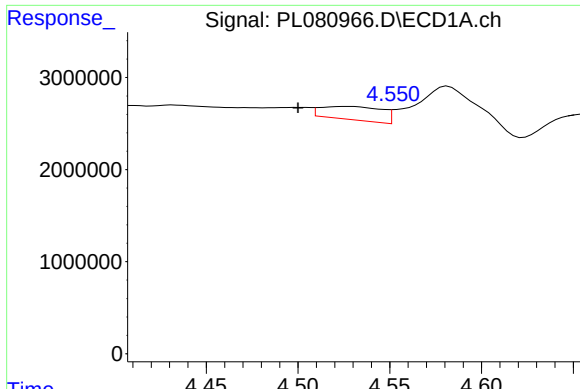
#20 Methoxychlor

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



#20 Methoxychlor

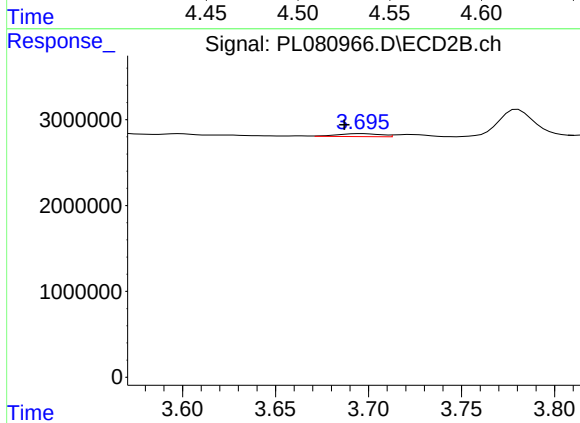
R.T.: 6.529 min  
Delta R.T.: -0.007 min  
Response: 52017  
Conc: 0.04 ng/ml



#23 Chlordane-1

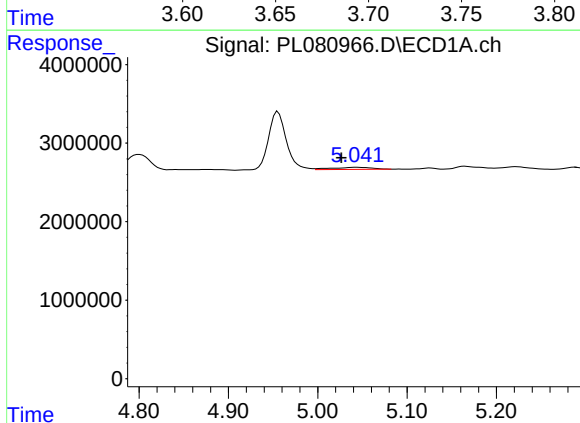
R.T.: 4.529 min  
Delta R.T.: 0.029 min  
Response: 3321751  
Conc: 39.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



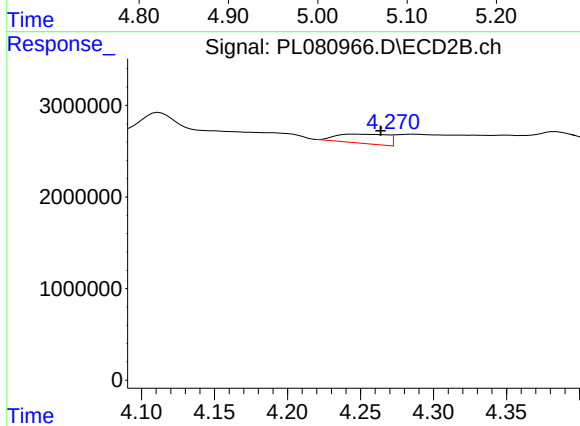
#23 Chlordane-1

R.T.: 3.697 min  
Delta R.T.: 0.010 min  
Response: 543457  
Conc: 6.67 ng/ml



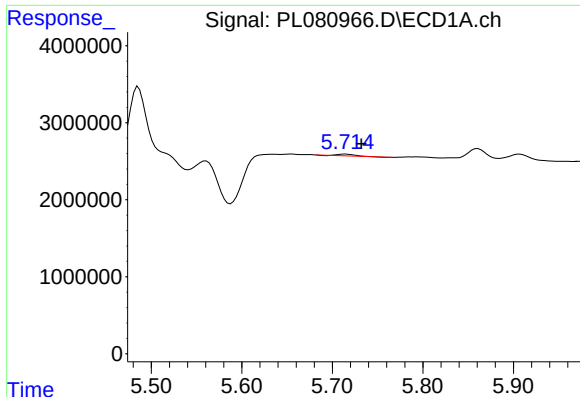
#24 Chlordane-2

R.T.: 5.043 min  
Delta R.T.: 0.016 min  
Response: 831933  
Conc: 8.63 ng/ml



#24 Chlordane-2

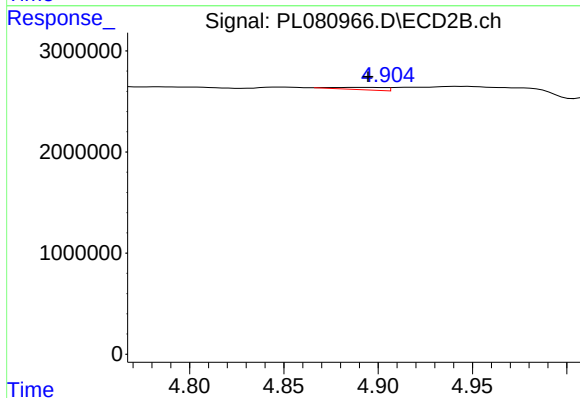
R.T.: 4.245 min  
Delta R.T.: -0.018 min  
Response: 2436044  
Conc: 27.02 ng/ml



#25 Chlordane-3

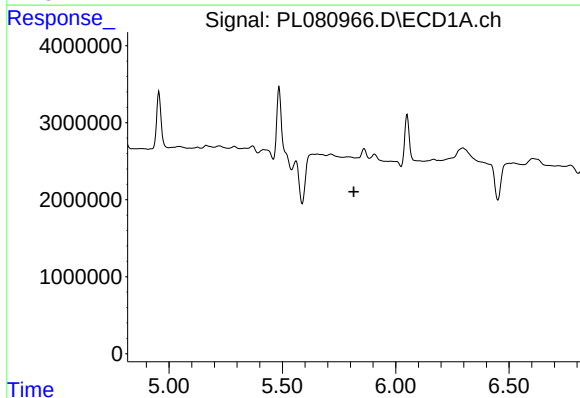
R.T.: 5.715 min  
Delta R.T.: -0.017 min  
Response: 237222  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



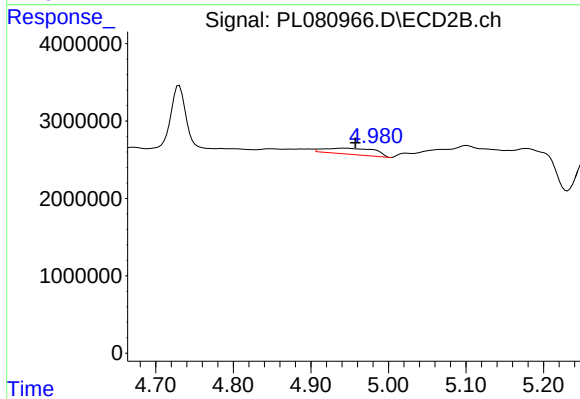
#25 Chlordane-3

R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 432404  
Conc: 1.64 ng/ml



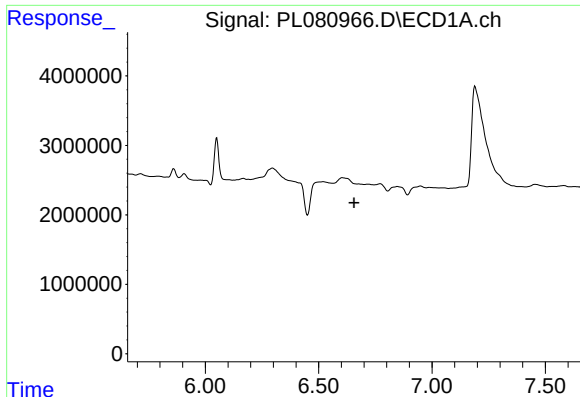
#26 Chlordane-4

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



#26 Chlordane-4

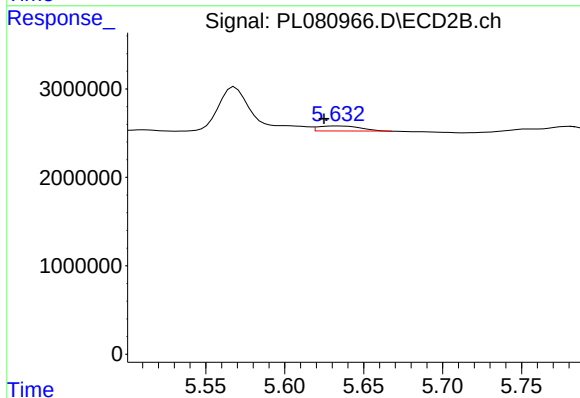
R.T.: 4.942 min  
Delta R.T.: -0.016 min  
Response: 3566487  
Conc: 13.24 ng/ml



#27 Chlordane-5

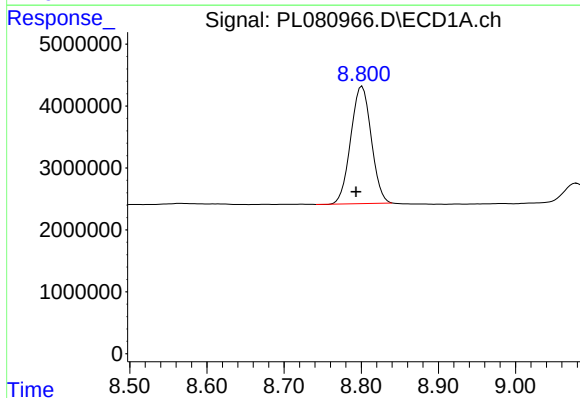
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



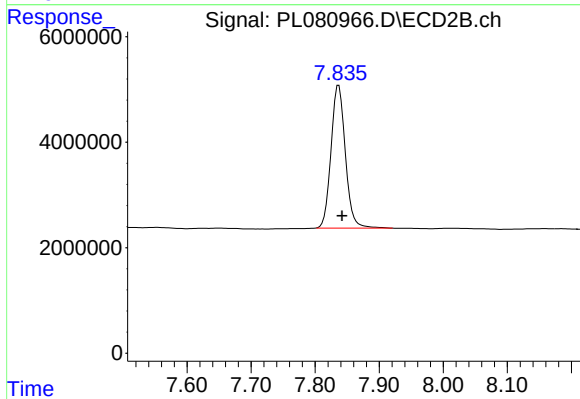
#27 Chlordane-5

R.T.: 5.634 min  
Delta R.T.: 0.009 min  
Response: 1040666  
Conc: 14.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.801 min  
Delta R.T.: 0.008 min  
Response: 34927221  
Conc: 19.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.837 min  
Delta R.T.: -0.005 min  
Response: 42142203  
Conc: 17.69 ng/ml