

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050223\  
 Data File : PL082436.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2023 14:19  
 Operator : AR\AJ  
 Sample : 02571-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 01:48:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.323  | 2.646  | 30189802 | 26146943 | 11.302 | 11.286   |
| 28)                         | SA Decachlor... | 8.745  | 7.758  | 24936338 | 27174731 | 13.062 | 11.906   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.161  | 0        | 129771   | N.D.   | 0.038 #  |
| 3)                          | MA gamma-BHC... | 4.108  | 3.489f | 188701   | 256391   | 0.050  | 0.080 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.820  | 0        | 4732590  | N.D.   | 1.382 #  |
| 5)                          | MB Aldrin       | 4.994f | 4.100f | 43731    | 3238228  | 0.013  | 1.028 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.001  | 0        | 1503914  | N.D.   | 0.490 #  |
| 8)                          | B Heptachlo...  | 5.439  | 4.575  | 3848759  | 136976   | 1.262  | 0.048 #  |
| 9)                          | A Endosulfan I  | 5.815  | 0.000  | 543486   | 0        | 0.196  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.721f | 4.809f | 2622230  | 3887920  | 0.872  | 1.340 #  |
| 11)                         | B alpha-Chl...  | 5.780  | 4.905  | 640196   | 1395063  | 0.214  | 0.481 #  |
| 12)                         | B 4,4'-DDE      | 5.949  | 5.083  | 3250690  | 98315    | 1.279  | 0.043 #  |
| 13)                         | MA Dieldrin     | 6.100  | 5.216  | 27712    | 4819185  | 0.010  | 1.785 #  |
| 14)                         | MA Endrin       | 6.330  | 5.492  | 4164223  | -2132697 | 1.718  | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.770f | 0        | 2239284  | N.D.   | 0.993 #  |
| 16)                         | A 4,4'-DDD      | 6.477  | 0.000  | 3054921  | 0        | 1.507  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.782  | 5.881  | 469315   | 5085133  | 0.205  | 2.407 #  |
| 18)                         | B Endrin al...  | 6.690  | 5.977  | 544714   | 215197   | 0.289  | 0.115 #  |
| 19)                         | B Endosulfa...  | 6.895f | 6.180  | 170022   | 268678   | 0.072  | 0.114 #  |
| 21)                         | B Endrin ke...  | 7.371f | 6.717f | 450459   | 4559     | 0.188  | 0.002 #  |
| 22)                         | Mirex           | 0.000  | 6.894f | 0        | 9635     | N.D.   | 0.004 #  |
| 23)                         | Chlordane-1     | 4.457  | 3.629  | 990143   | 114187   | 8.957  | 1.288 #  |
| 24)                         | Chlordane-2     | 4.994  | 4.203  | 43731    | 292712   | 0.367  | 2.610 #  |
| 25)                         | Chlordane-3     | 5.721f | 4.809f | 2622230  | 3887920  | 6.074  | 13.685 # |
| 26)                         | Chlordane-4     | 5.780  | 4.905  | 640196   | 1395063  | 1.231  | 4.675 #  |
| 27)                         | Chlordane-5     | 6.597f | 5.770f | 1594257  | 2239284  | 16.979 | 22.685 # |
| -----                       |                 |        |        |          |          |        |          |

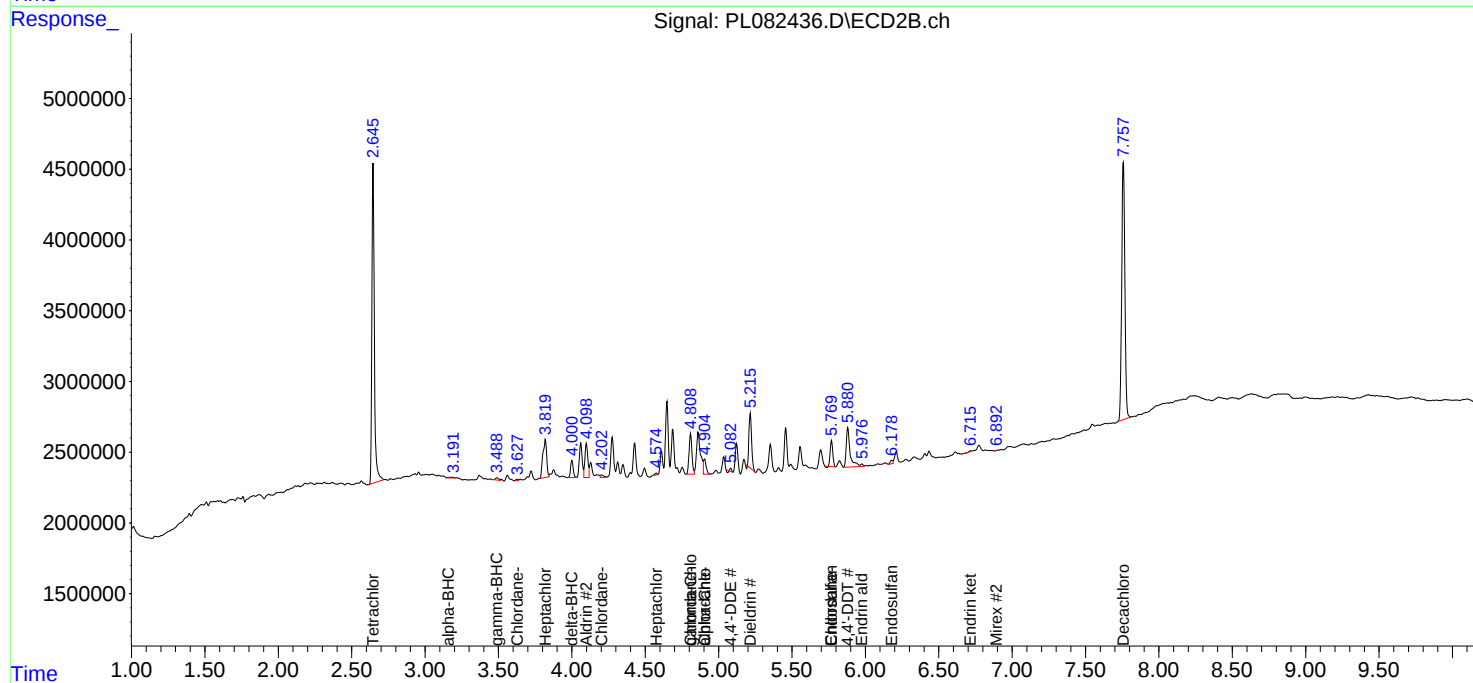
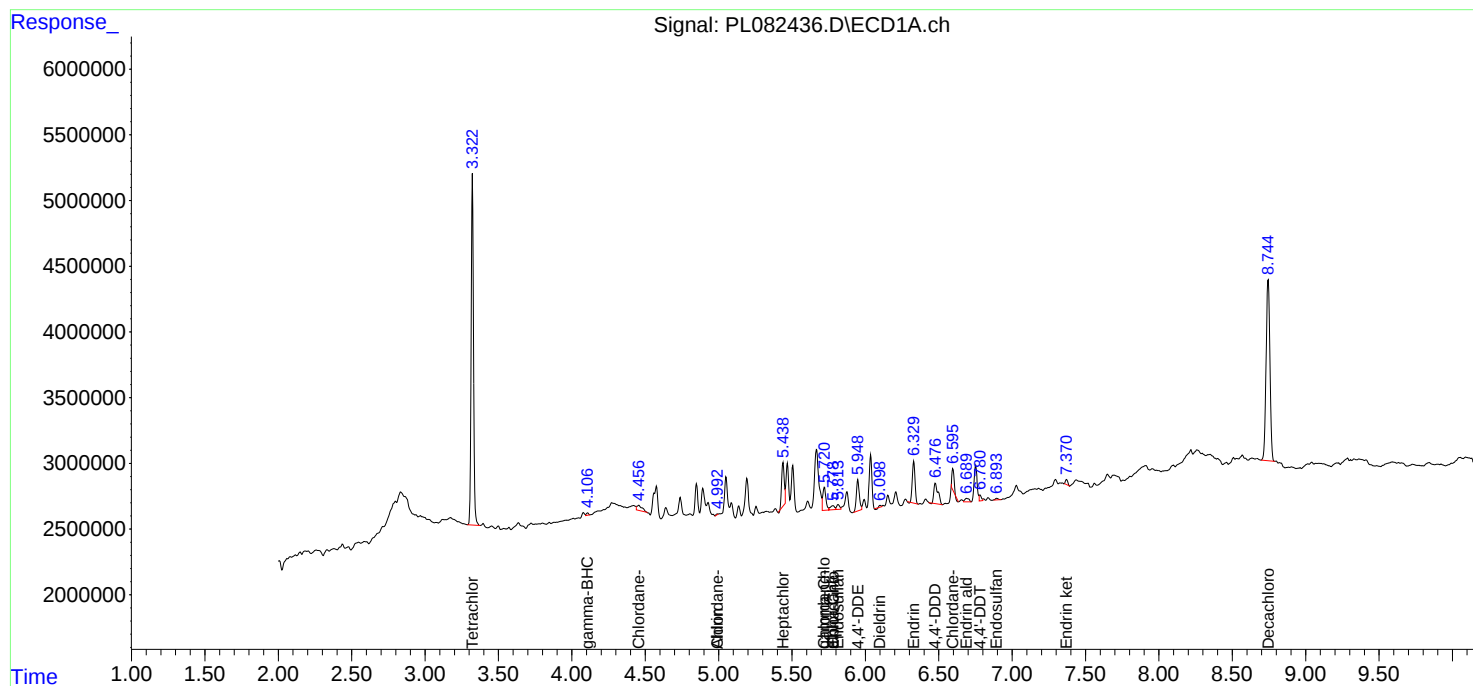
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

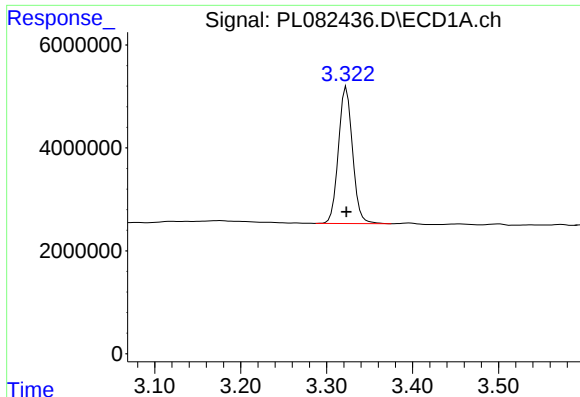
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050223\  
Data File : PL082436.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2023 14:19  
Operator : AR\AJ  
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ALS Vial : 12 Sample Multiplier: 1

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ECD\_L  
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Integration File signal 1: autoint1.e  
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Quant Time: May 03 01:48:15 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
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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

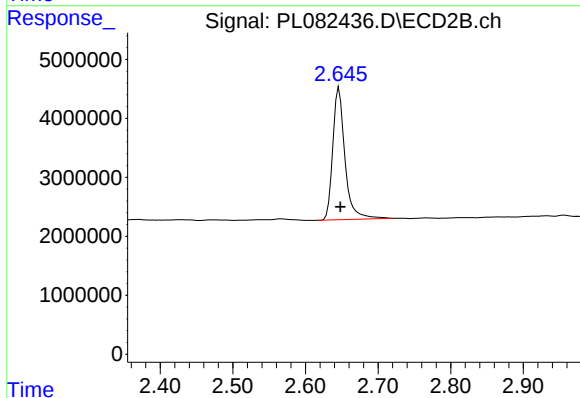




#1 Tetrachloro-m-xylene

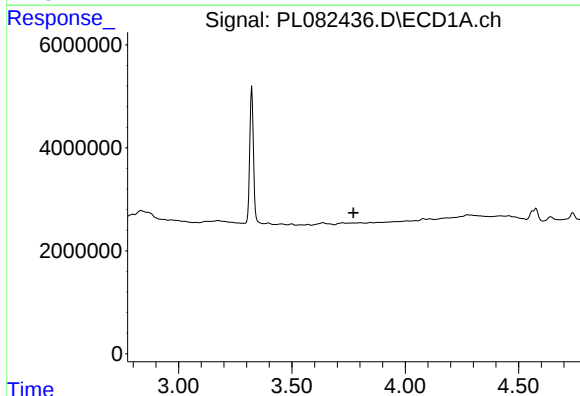
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 30189802  
Conc: 11.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



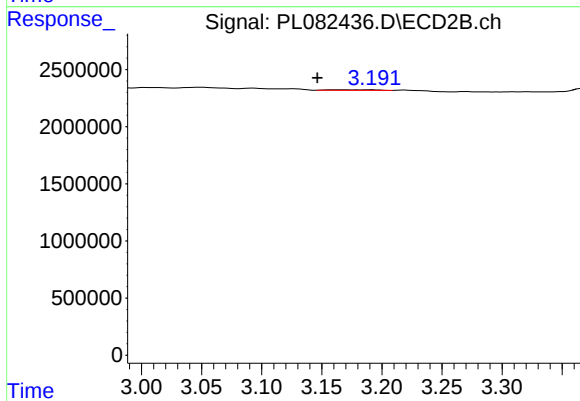
#1 Tetrachloro-m-xylene

R.T.: 2.646 min  
Delta R.T.: -0.002 min  
Response: 26146943  
Conc: 11.29 ng/ml



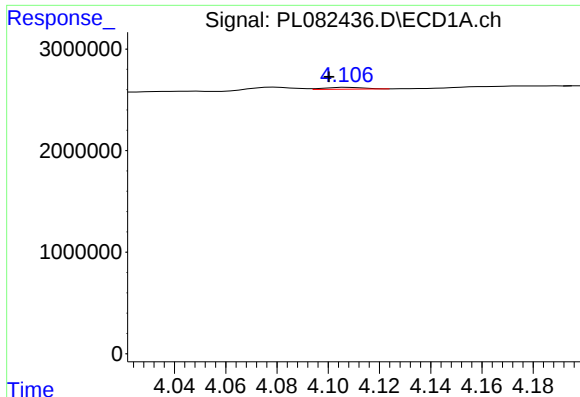
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.772 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

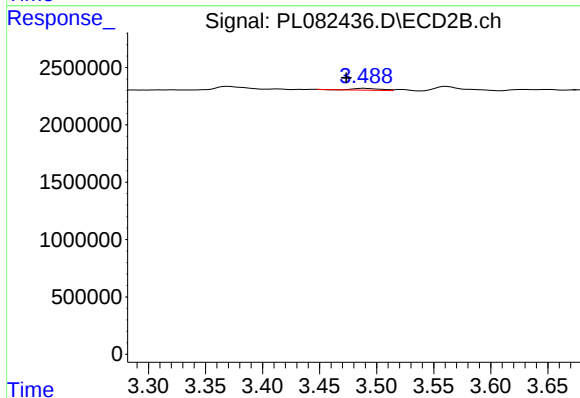
R.T.: 3.161 min  
Delta R.T.: 0.015 min  
Response: 129771  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

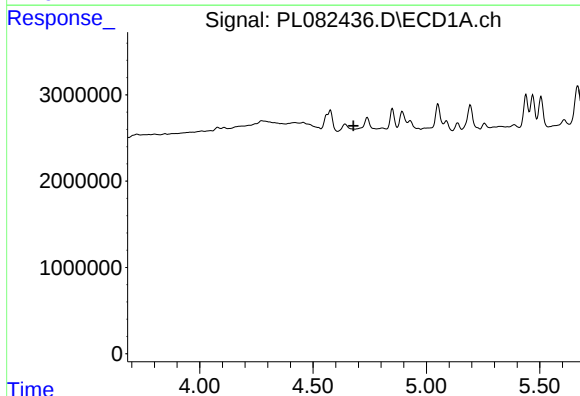
R.T.: 4.108 min  
Delta R.T.: 0.008 min  
Response: 188701  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



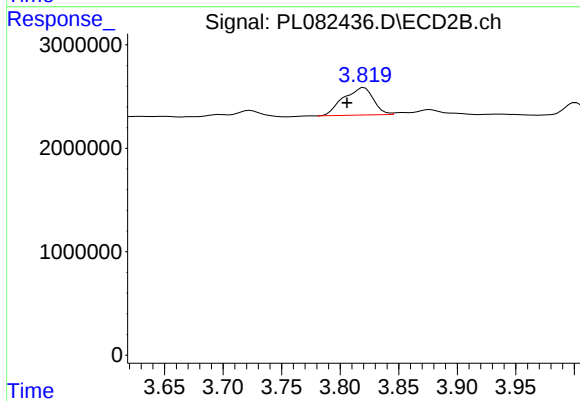
#3 gamma-BHC (Lindane)

R.T.: 3.489 min  
Delta R.T.: 0.016 min  
Response: 256391  
Conc: 0.08 ng/ml



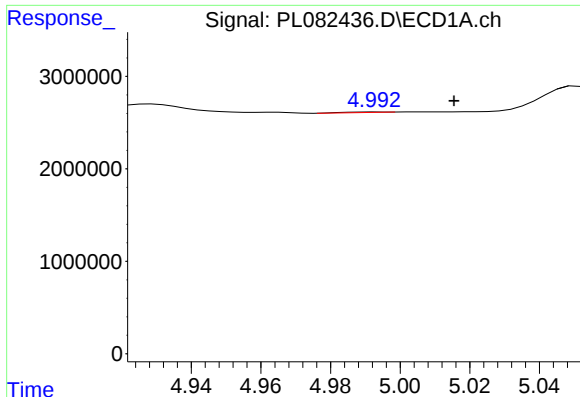
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.679 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

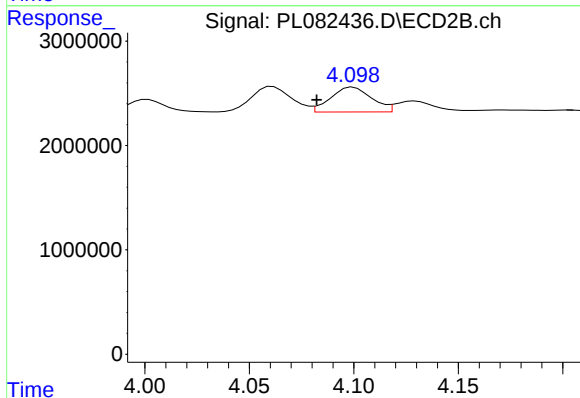
R.T.: 3.820 min  
Delta R.T.: 0.015 min  
Response: 4732590  
Conc: 1.38 ng/ml



#5 Aldrin

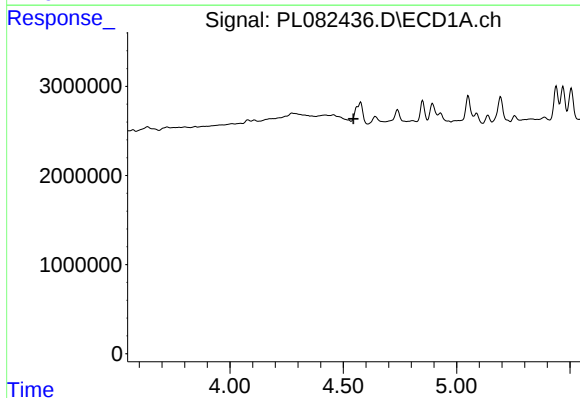
R.T.: 4.994 min  
Delta R.T.: -0.022 min  
Response: 43731  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



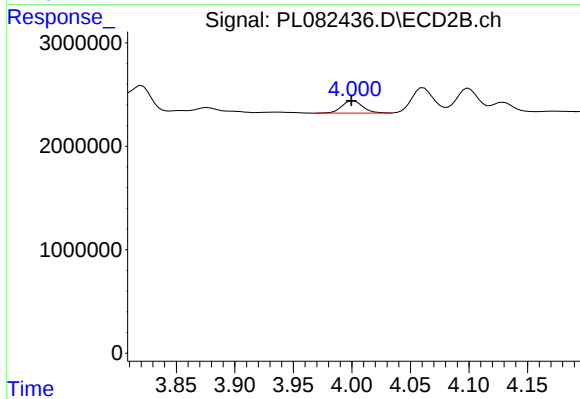
#5 Aldrin

R.T.: 4.100 min  
Delta R.T.: 0.017 min  
Response: 3238228  
Conc: 1.03 ng/ml



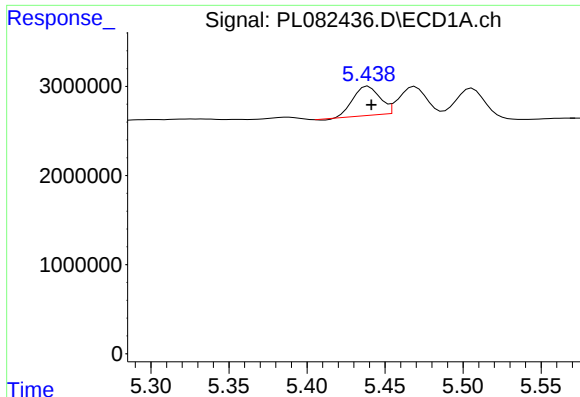
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.545 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

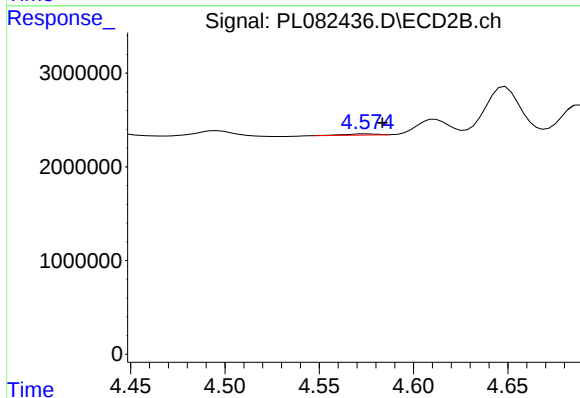
R.T.: 4.001 min  
Delta R.T.: 0.002 min  
Response: 1503914  
Conc: 0.49 ng/ml



#8 Heptachlor epoxide

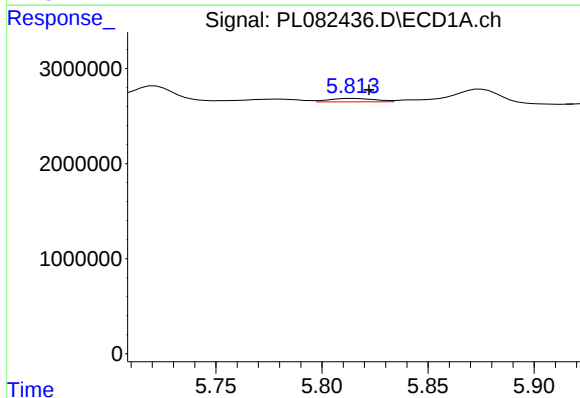
R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 3848759  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



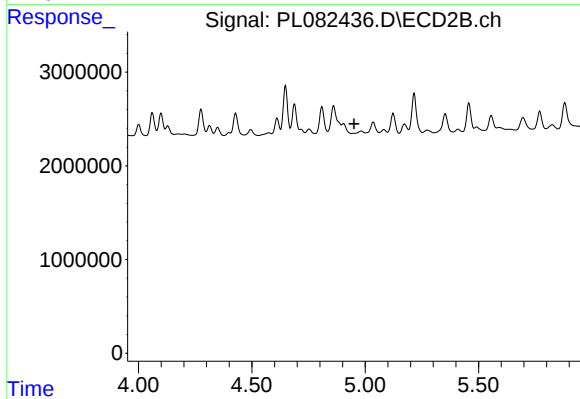
#8 Heptachlor epoxide

R.T.: 4.575 min  
Delta R.T.: -0.008 min  
Response: 136976  
Conc: 0.05 ng/ml



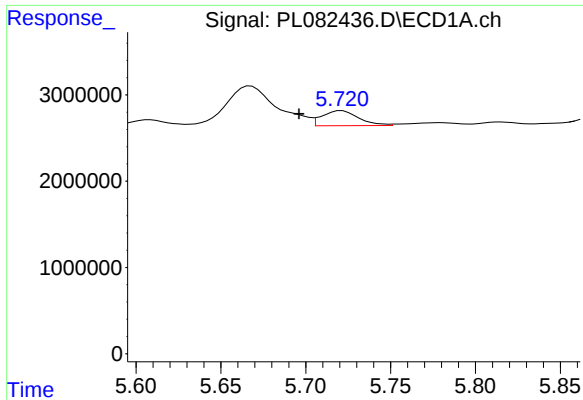
#9 Endosulfan I

R.T.: 5.815 min  
Delta R.T.: -0.007 min  
Response: 543486  
Conc: 0.20 ng/ml



#9 Endosulfan I

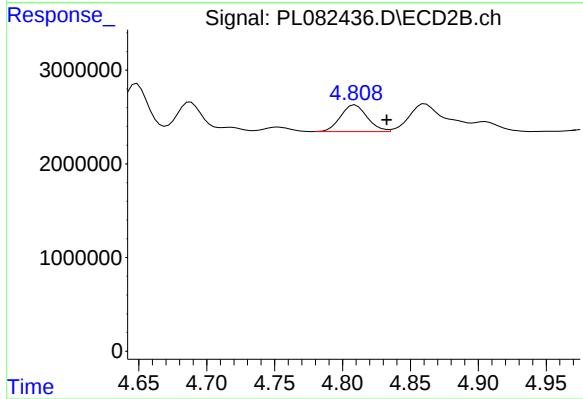
R.T.: 0.000 min  
Exp R.T. : 4.950 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

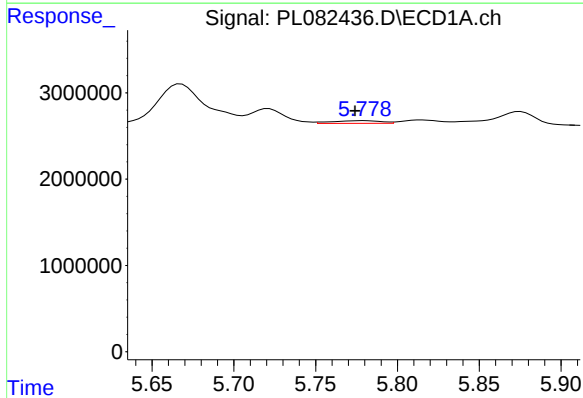
R.T.: 5.721 min  
Delta R.T.: 0.025 min  
Response: 2622230  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



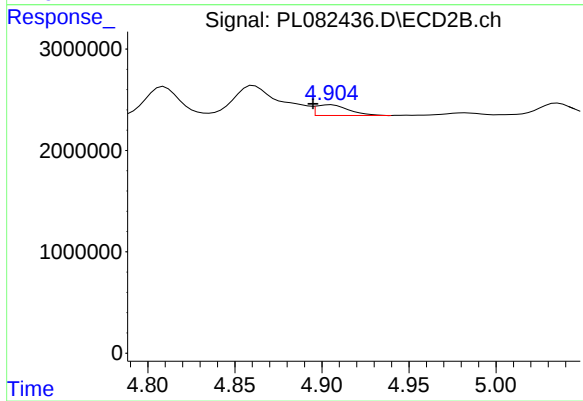
#10 gamma-Chlordane

R.T.: 4.809 min  
Delta R.T.: -0.023 min  
Response: 3887920  
Conc: 1.34 ng/ml



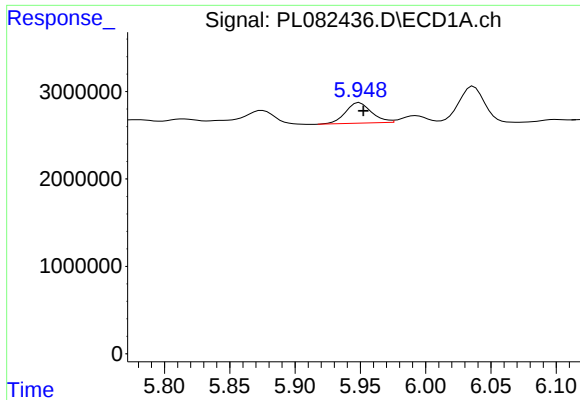
#11 alpha-Chlordane

R.T.: 5.780 min  
Delta R.T.: 0.006 min  
Response: 640196  
Conc: 0.21 ng/ml



#11 alpha-Chlordane

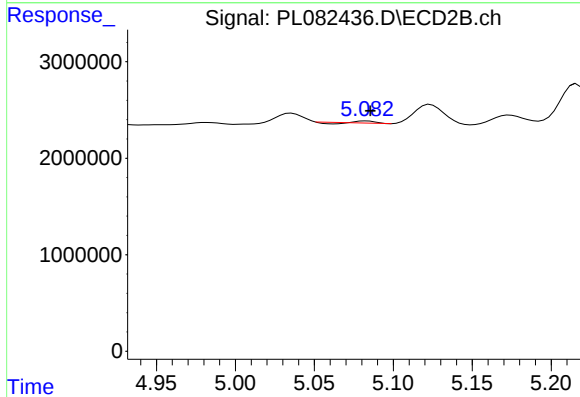
R.T.: 4.905 min  
Delta R.T.: 0.010 min  
Response: 1395063  
Conc: 0.48 ng/ml



#12 4,4'-DDE

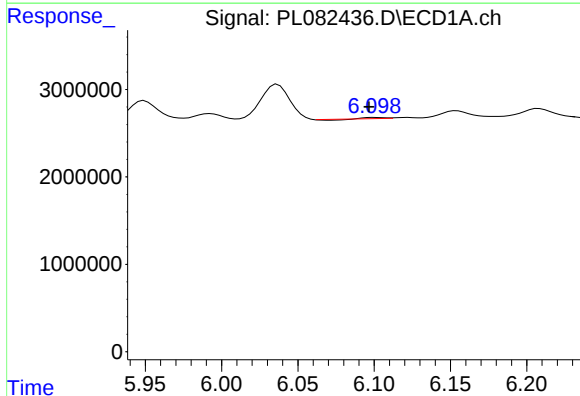
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 3250690  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



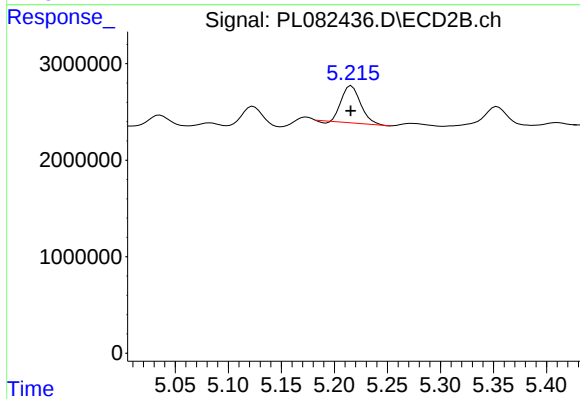
#12 4,4'-DDE

R.T.: 5.083 min  
Delta R.T.: -0.002 min  
Response: 98315  
Conc: 0.04 ng/ml



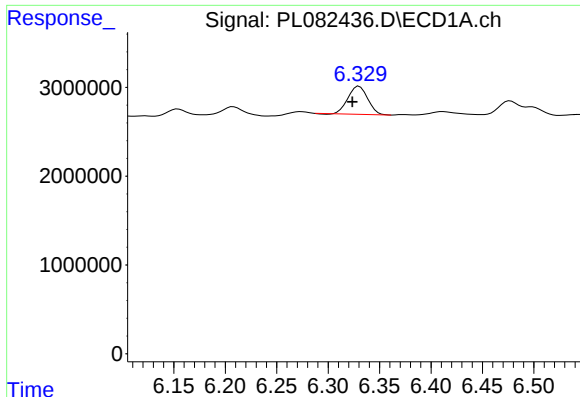
#13 Dieldrin

R.T.: 6.100 min  
Delta R.T.: 0.004 min  
Response: 27712  
Conc: 0.01 ng/ml



#13 Dieldrin

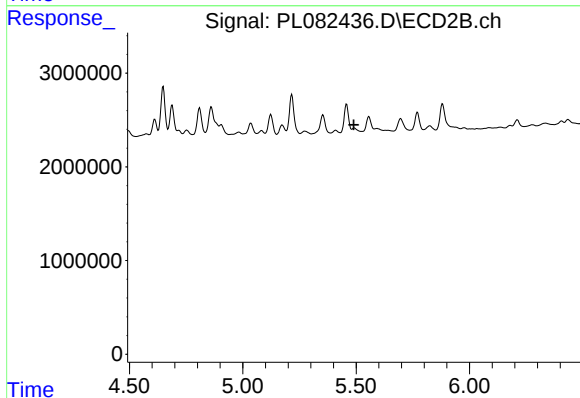
R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 4819185  
Conc: 1.78 ng/ml



#14 Endrin

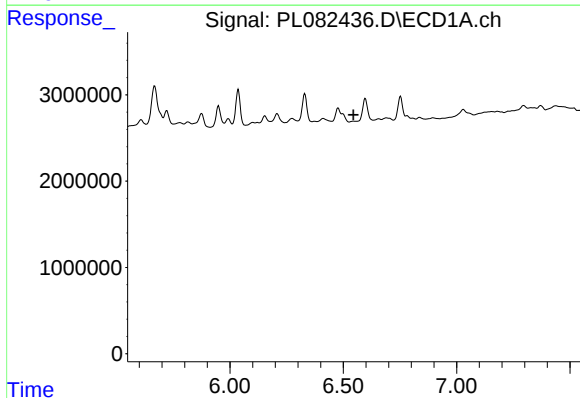
R.T.: 6.330 min  
Delta R.T.: 0.006 min  
Response: 4164223  
Conc: 1.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



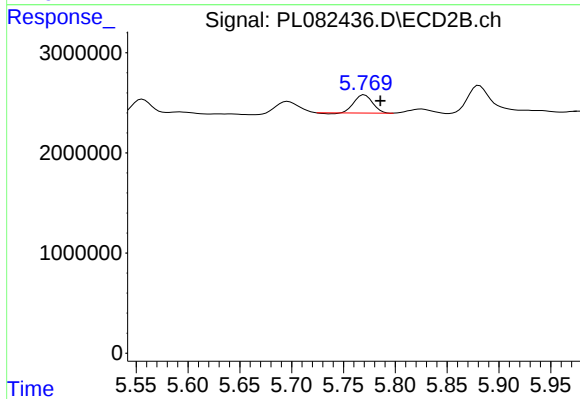
#14 Endrin

R.T.: 5.492 min  
Delta R.T.: 0.003 min  
Response: -2132697  
Conc: N.D.



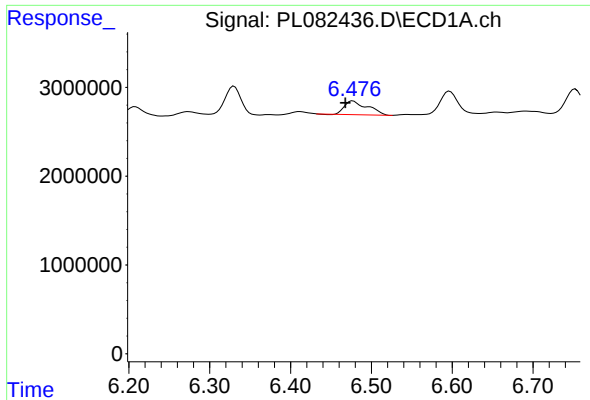
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.545 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

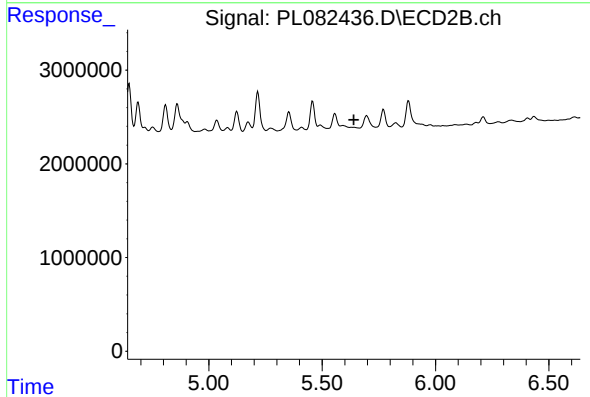
R.T.: 5.770 min  
Delta R.T.: -0.015 min  
Response: 2239284  
Conc: 0.99 ng/ml



#16 4,4'-DDD

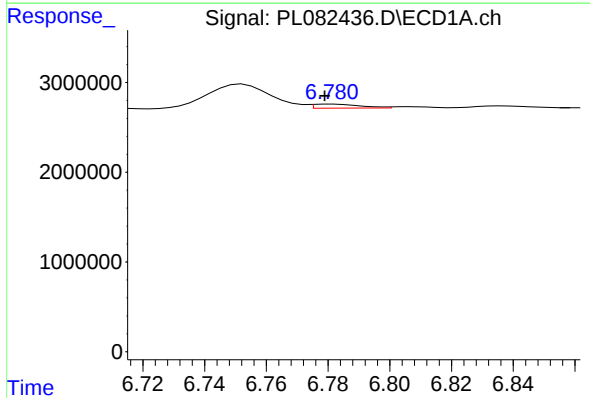
R.T.: 6.477 min  
Delta R.T.: 0.009 min  
Response: 3054921  
Conc: 1.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



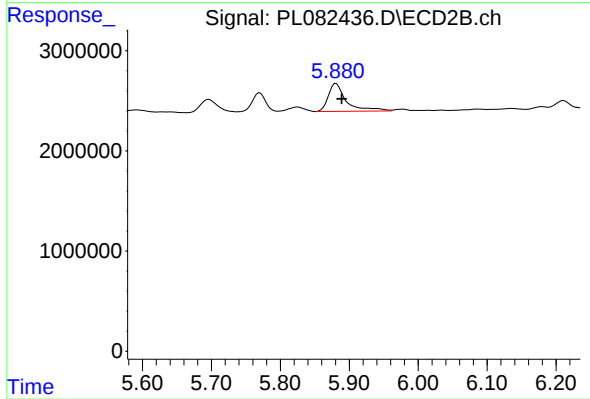
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.640 min  
Response: 0  
Conc: N.D.



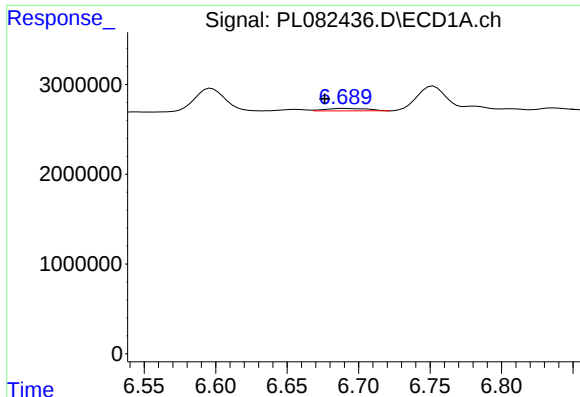
#17 4,4'-DDT

R.T.: 6.782 min  
Delta R.T.: 0.003 min  
Response: 469315  
Conc: 0.21 ng/ml



#17 4,4'-DDT

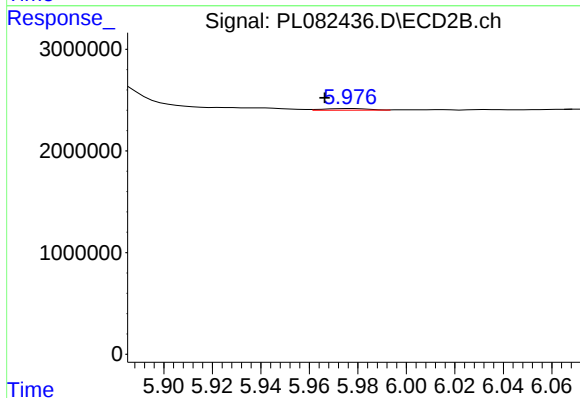
R.T.: 5.881 min  
Delta R.T.: -0.008 min  
Response: 5085133  
Conc: 2.41 ng/ml



#18 Endrin aldehyde

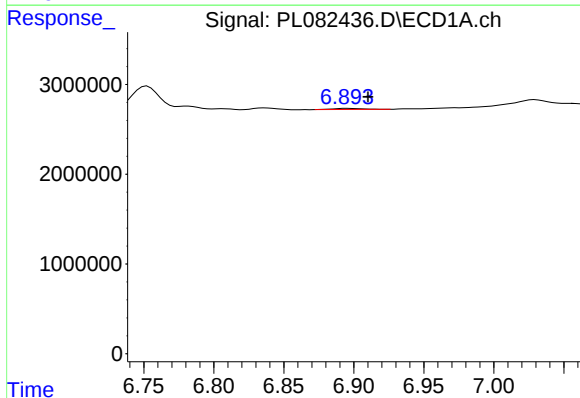
R.T.: 6.690 min  
Delta R.T.: 0.014 min  
Response: 544714  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



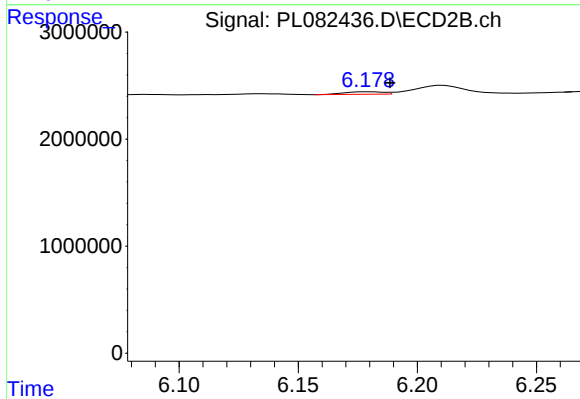
#18 Endrin aldehyde

R.T.: 5.977 min  
Delta R.T.: 0.011 min  
Response: 215197  
Conc: 0.11 ng/ml



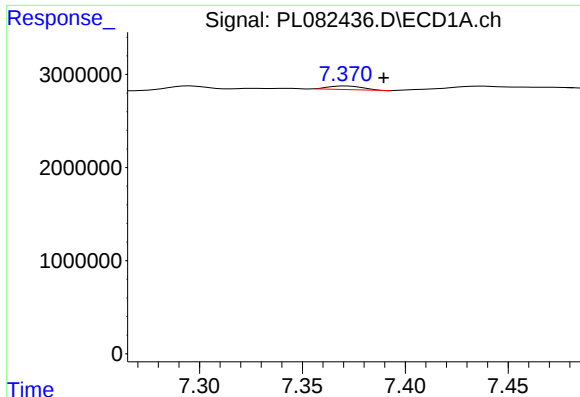
#19 Endosulfan Sulfate

R.T.: 6.895 min  
Delta R.T.: -0.015 min  
Response: 170022  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.180 min  
Delta R.T.: -0.009 min  
Response: 268678  
Conc: 0.11 ng/ml



#21 Endrin ketone

R.T.: 7.371 min  
Delta R.T.: -0.018 min  
Response: 450459  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :

#21 Endrin ketone

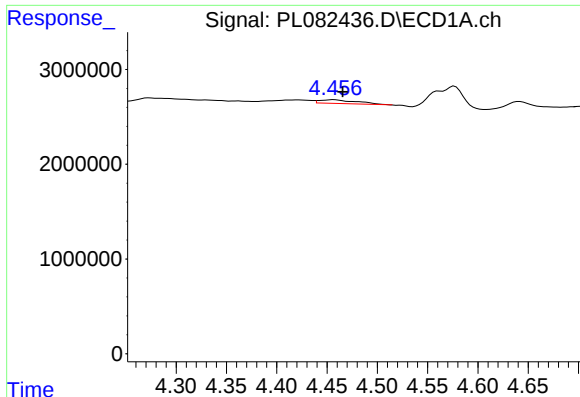
R.T.: 6.717 min  
Delta R.T.: 0.024 min  
Response: 4559  
Conc: 0.00 ng/ml

#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.854 min  
Response: 0  
Conc: N.D.

#22 Mirex

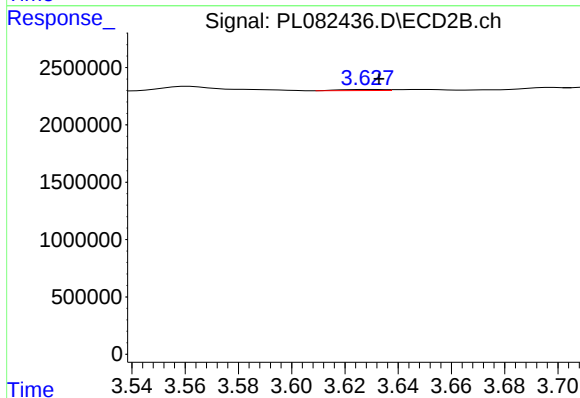
R.T.: 6.894 min  
Delta R.T.: 0.029 min  
Response: 9635  
Conc: 0.00 ng/ml



#23 Chlordane-1

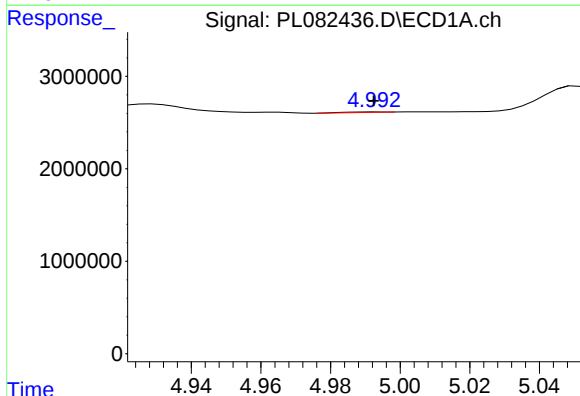
R.T.: 4.457 min  
Delta R.T.: -0.008 min  
Response: 990143  
Conc: 8.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



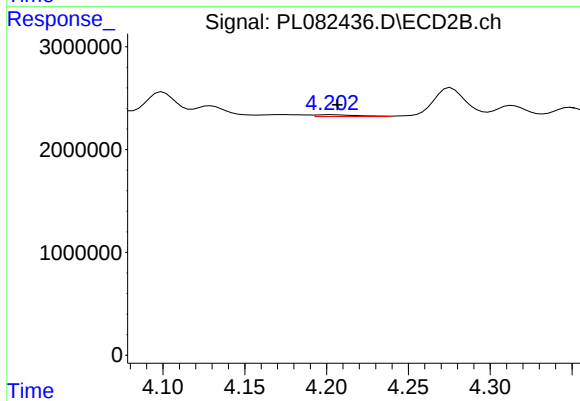
#23 Chlordane-1

R.T.: 3.629 min  
Delta R.T.: -0.003 min  
Response: 114187  
Conc: 1.29 ng/ml



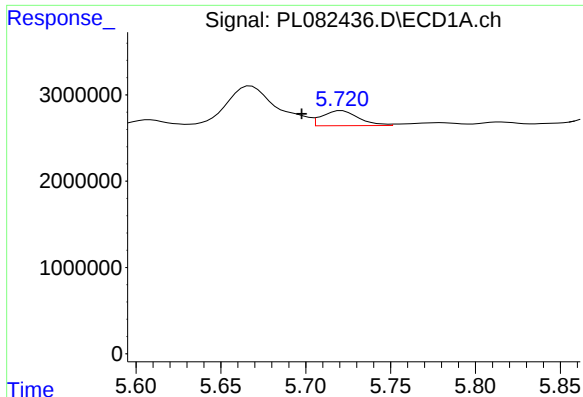
#24 Chlordane-2

R.T.: 4.994 min  
Delta R.T.: 0.001 min  
Response: 43731  
Conc: 0.37 ng/ml



#24 Chlordane-2

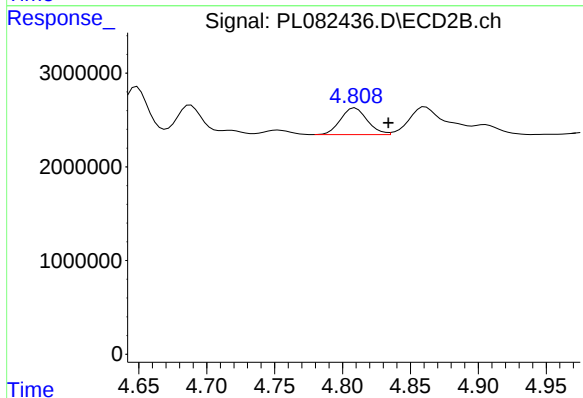
R.T.: 4.203 min  
Delta R.T.: -0.004 min  
Response: 292712  
Conc: 2.61 ng/ml



#25 Chlordane-3

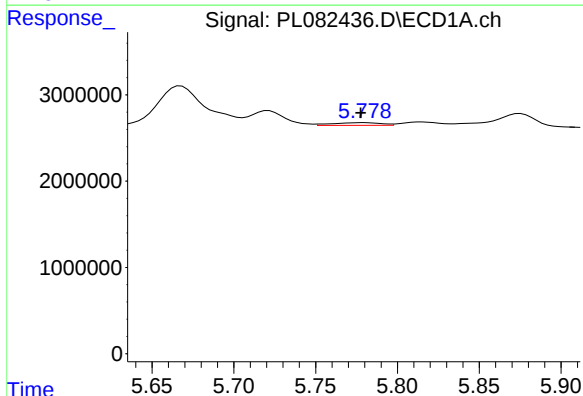
R.T.: 5.721 min  
Delta R.T.: 0.024 min  
Response: 2622230  
Conc: 6.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



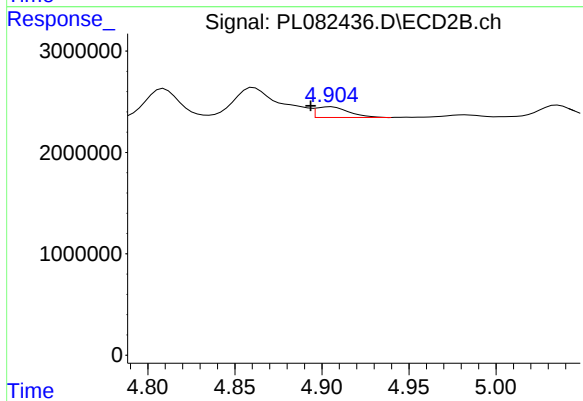
#25 Chlordane-3

R.T.: 4.809 min  
Delta R.T.: -0.024 min  
Response: 3887920  
Conc: 13.68 ng/ml



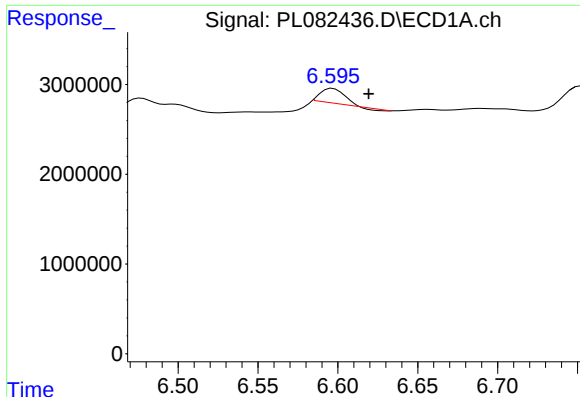
#26 Chlordane-4

R.T.: 5.780 min  
Delta R.T.: 0.003 min  
Response: 640196  
Conc: 1.23 ng/ml



#26 Chlordane-4

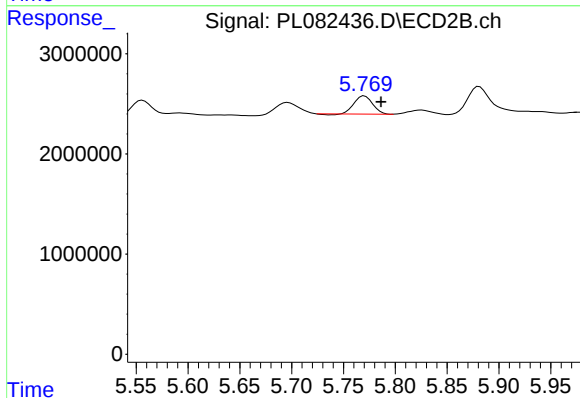
R.T.: 4.905 min  
Delta R.T.: 0.012 min  
Response: 1395063  
Conc: 4.68 ng/ml



#27 Chlordane-5

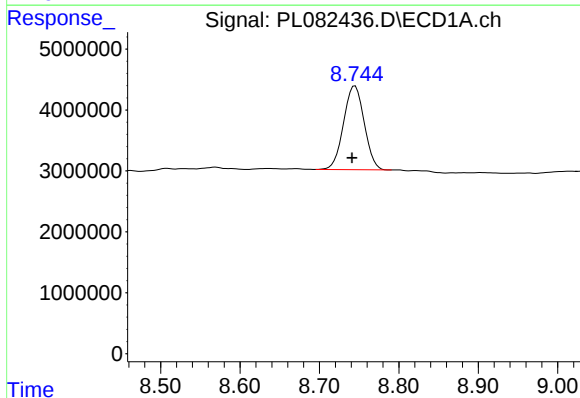
R.T.: 6.597 min  
Delta R.T.: -0.022 min  
Response: 1594257  
Conc: 16.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



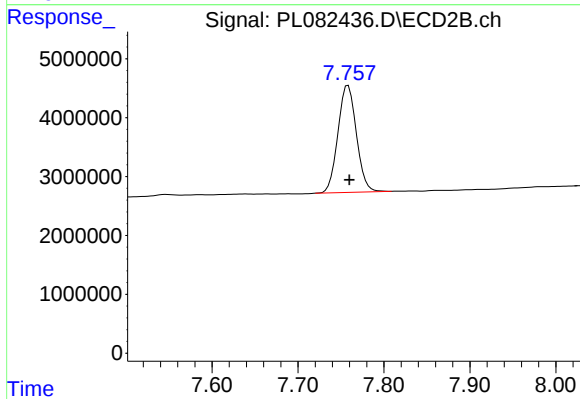
#27 Chlordane-5

R.T.: 5.770 min  
Delta R.T.: -0.016 min  
Response: 2239284  
Conc: 22.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: 0.004 min  
Response: 2493638  
Conc: 13.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.758 min  
Delta R.T.: -0.002 min  
Response: 27174731  
Conc: 11.91 ng/ml