

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080223\  
 Data File : PL084433.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2023 14:36  
 Operator : AR\AJ  
 Sample : 03848-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 21:30:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 01 05:59:40 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... | 3.476  | 2.686  | 27950731 | 13137661 | 12.097 | 12.016   |
| 28)                         | SA Decachlor... | 9.024  | 7.868  | 24208451 | 17645466 | 15.763 | 14.430   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.198  | 0        | 32884    | N.D.   | 0.020 #  |
| 3)                          | MA gamma-BHC... | 4.274  | 0.000  | 835841   | 0        | 0.255  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.861  | 3.863  | 1967225  | 97765    | 0.565  | 0.065 #  |
| 5)                          | MB Aldrin       | 5.172f | 4.141  | 749771   | 245306   | 0.221  | 0.162 #  |
| 6)                          | B beta-BHC      | 4.485f | 3.831  | 1610286  | 12553    | 1.115  | 0.018 #  |
| 7)                          | B delta-BHC     | 4.710  | 4.059  | 1269638  | 136756   | 0.388  | 0.087 #  |
| 8)                          | B Heptachlo...  | 5.655f | 4.657  | 3492018  | -2761    | 1.141  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.891  | 4.903  | 11952747 | 1902275  | 4.133  | 1.361 #  |
| 11)                         | B alpha-Chl...  | 5.973  | 4.966  | 21288147 | 5428550  | 7.482  | 3.859 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.164  | 0        | 515033   | N.D.   | 0.409 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.288  | 0        | 756472   | N.D.   | 0.540 #  |
| 14)                         | MA Endrin       | 0.000  | 5.582f | 0        | 138574   | N.D.   | 0.110 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.864  | 0        | 1829831  | N.D.   | 1.480 #  |
| 17)                         | MA 4,4'-DDT     | 6.981  | 5.973  | 748656   | 487447   | 0.420  | 0.409    |
| 18)                         | B Endrin al...  | 0.000  | 6.069f | 0        | 86550    | N.D.   | 0.086 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.269  | 0        | 9509     | N.D.   | 0.008 #  |
| 20)                         | A Methoxychlor  | 7.464  | 6.575  | 111756   | 9875     | 0.121  | 0.014 #  |
| 22)                         | Mirex           | 0.000  | 6.975f | 0        | 40335    | N.D.   | 0.035 #  |
| 23)                         | Chlordane-1     | 4.642  | 3.688  | 850665   | 1317270  | 0.858  | 3.364 #  |
| 24)                         | Chlordane-2     | 5.172  | 4.273  | 749771   | 5518335  | 0.809  | 12.912 # |
| 25)                         | Chlordane-3     | 5.891  | 4.903  | 11952747 | 1902275  | 3.013  | 1.391 #  |
| 26)                         | Chlordane-4     | 5.973  | 4.966  | 21288147 | 5428550  | 4.629  | 3.792    |
| 27)                         | Chlordane-5     | 6.823  | 5.864  | 2585617  | 1829831  | 3.688  | 3.628    |
| -----                       |                 |        |        |          |          |        |          |

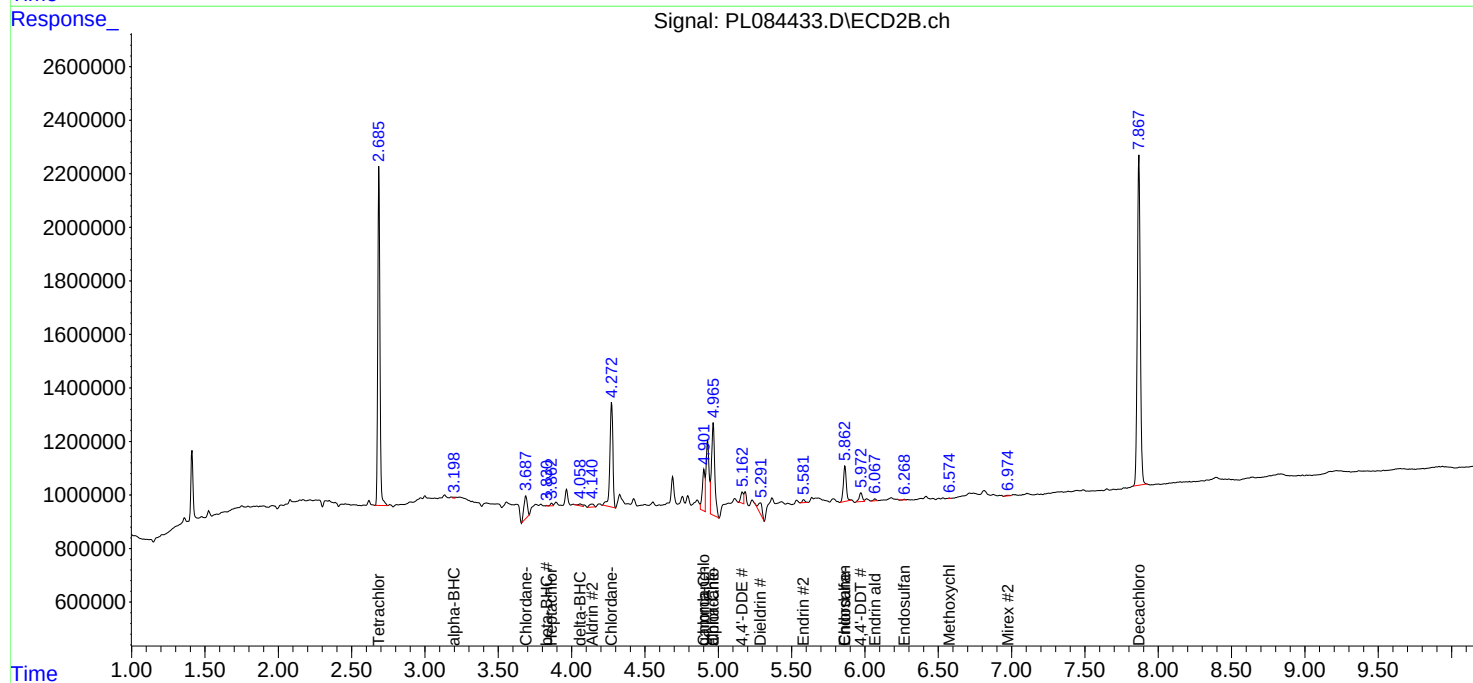
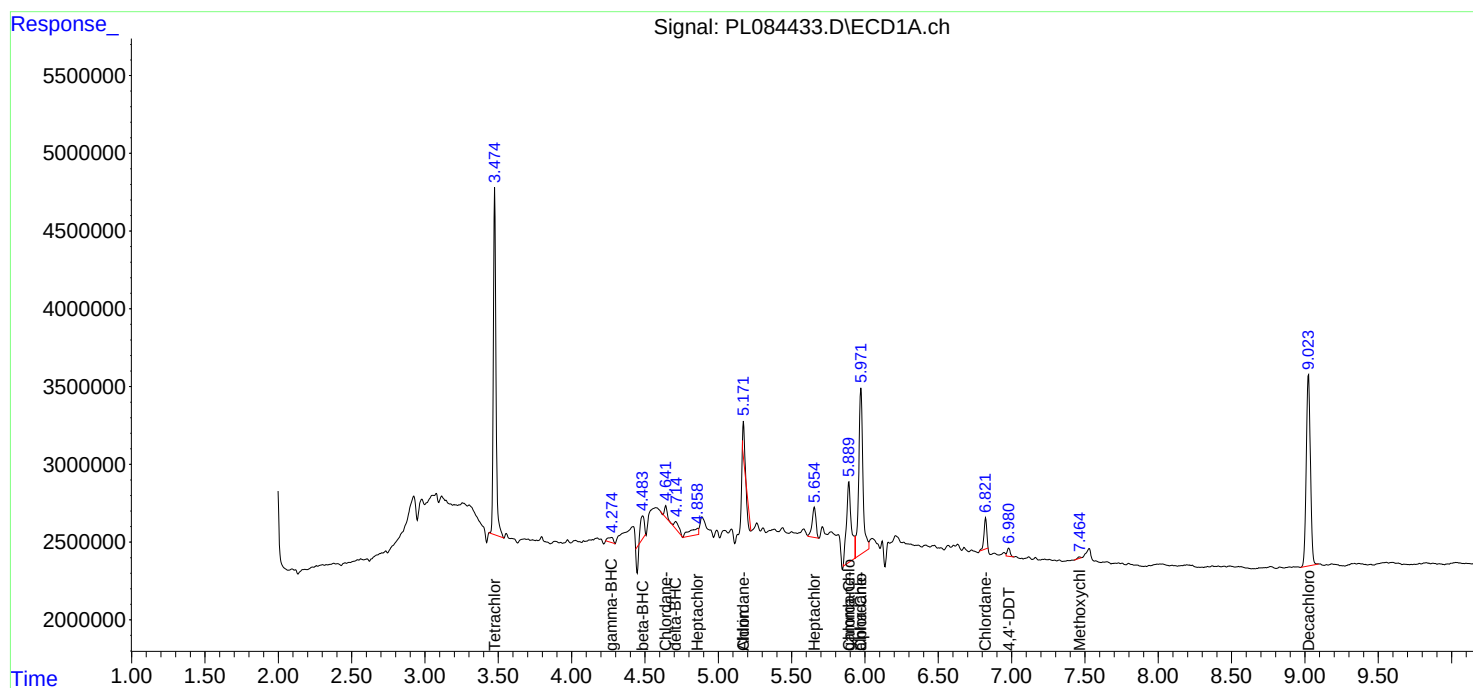
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

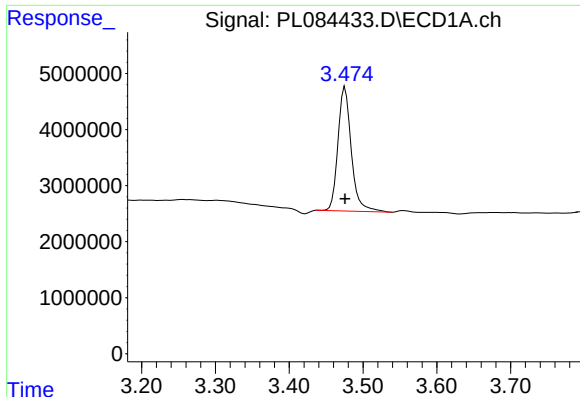
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080223\  
Data File : PL084433.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2023 14:36  
Operator : AR\AJ  
Sample : 03848-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 21:30:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 01 05:59:40 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

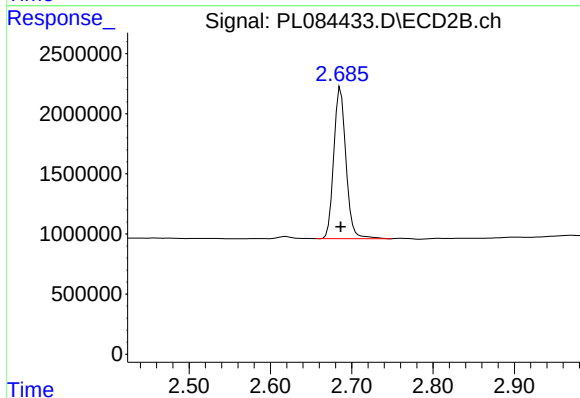




#1 Tetrachloro-m-xylene

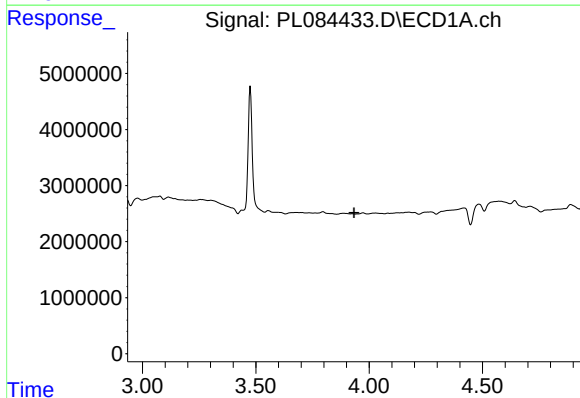
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 27950731  
Conc: 12.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



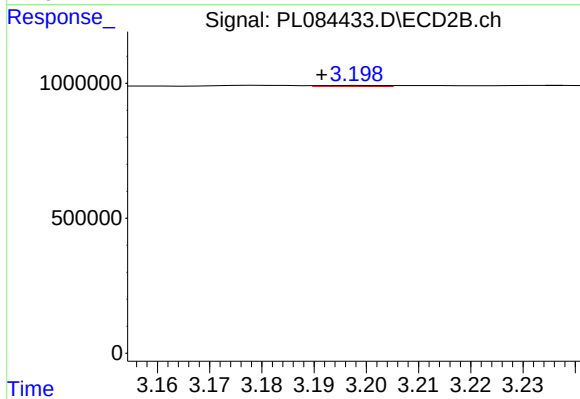
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: 0.000 min  
Response: 13137661  
Conc: 12.02 ng/ml



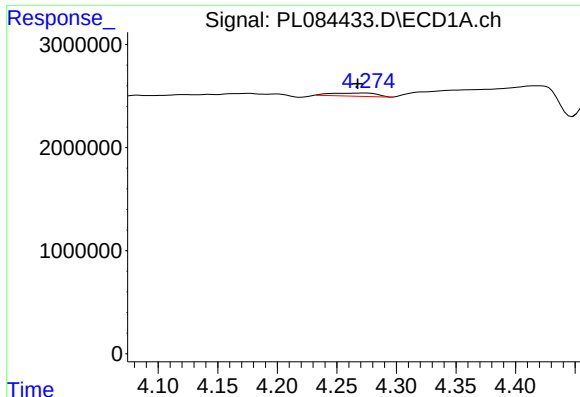
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

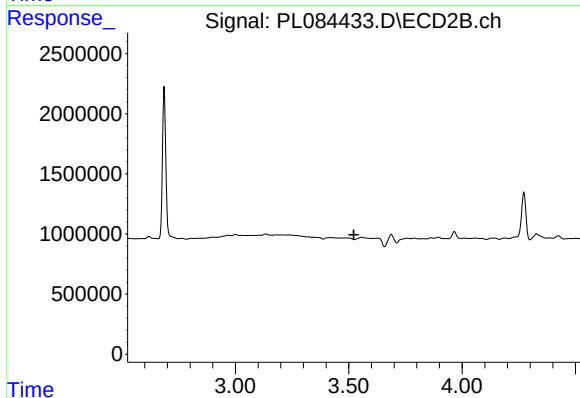
R.T.: 3.198 min  
Delta R.T.: 0.007 min  
Response: 32884  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

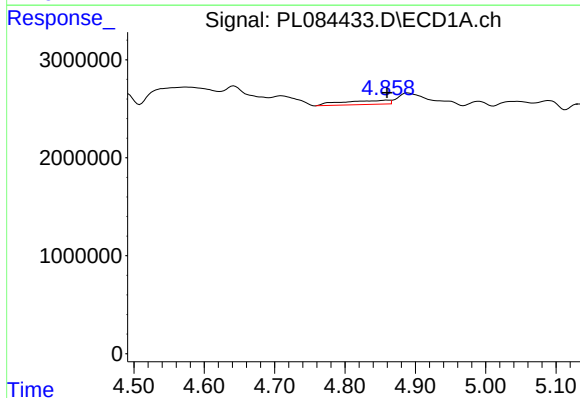
R.T.: 4.274 min  
Delta R.T.: 0.006 min  
Response: 835841  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



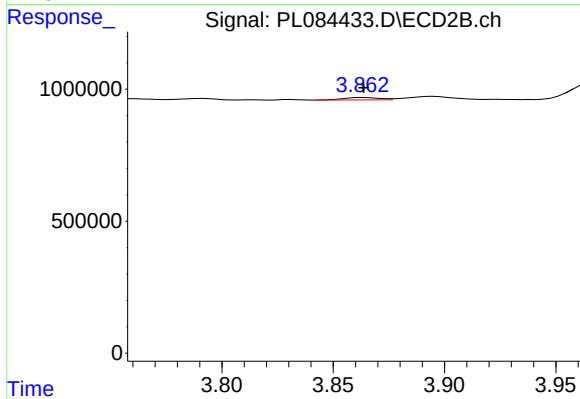
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.523 min  
Response: 0  
Conc: N.D.



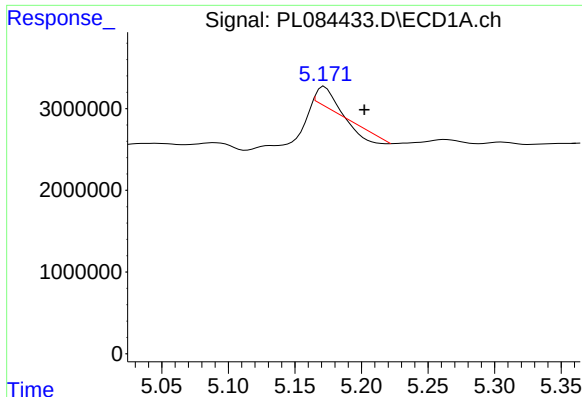
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 1967225  
Conc: 0.56 ng/ml



#4 Heptachlor

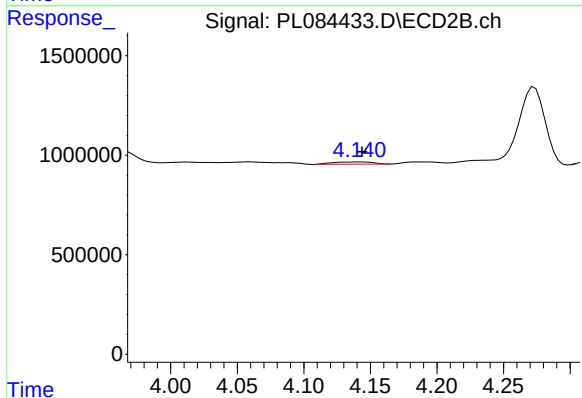
R.T.: 3.863 min  
Delta R.T.: 0.000 min  
Response: 97765  
Conc: 0.07 ng/ml



#5 Aldrin

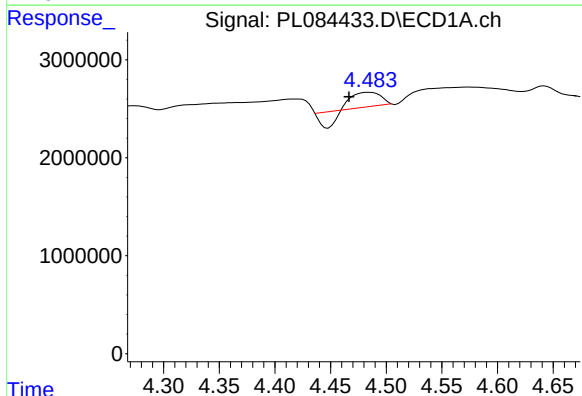
R.T.: 5.172 min  
Delta R.T.: -0.030 min  
Response: 749771  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



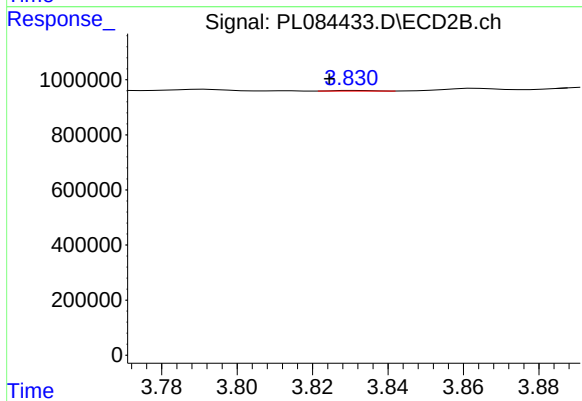
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 245306  
Conc: 0.16 ng/ml



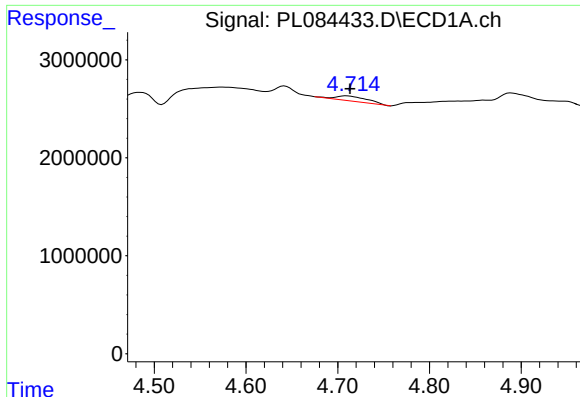
#6 beta-BHC

R.T.: 4.485 min  
Delta R.T.: 0.018 min  
Response: 1610286  
Conc: 1.12 ng/ml



#6 beta-BHC

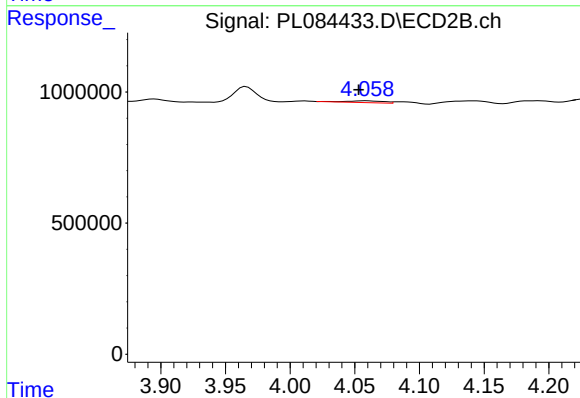
R.T.: 3.831 min  
Delta R.T.: 0.007 min  
Response: 12553  
Conc: 0.02 ng/ml



#7 delta-BHC

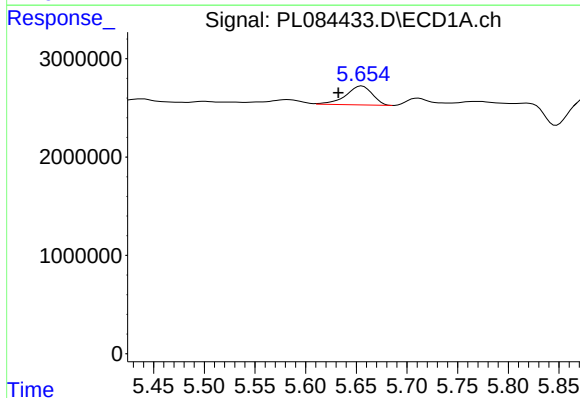
R.T.: 4.710 min  
Delta R.T.: -0.004 min  
Response: 1269638  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



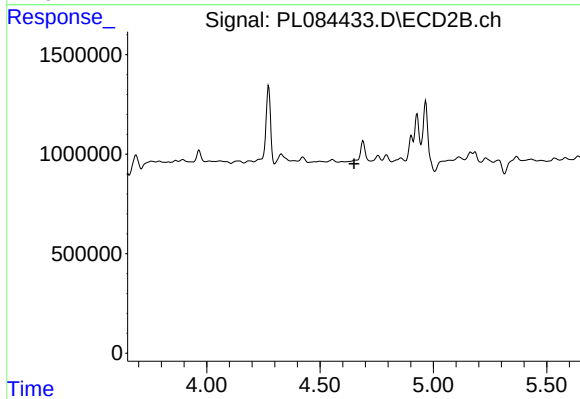
#7 delta-BHC

R.T.: 4.059 min  
Delta R.T.: 0.006 min  
Response: 136756  
Conc: 0.09 ng/ml



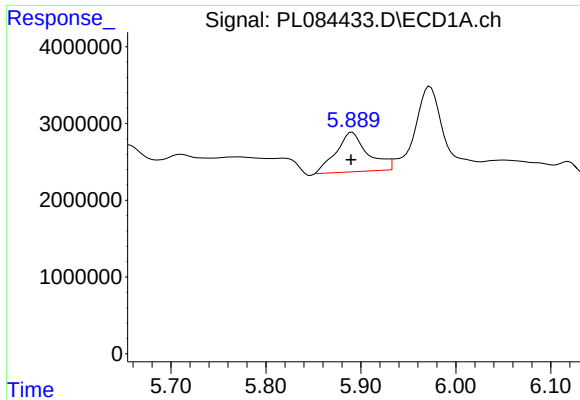
#8 Heptachlor epoxide

R.T.: 5.655 min  
Delta R.T.: 0.023 min  
Response: 3492018  
Conc: 1.14 ng/ml



#8 Heptachlor epoxide

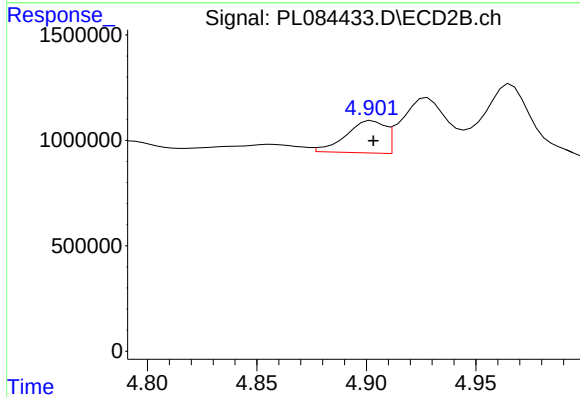
R.T.: 4.657 min  
Delta R.T.: 0.007 min  
Response: -2761  
Conc: N.D.



#10 gamma-Chlordane

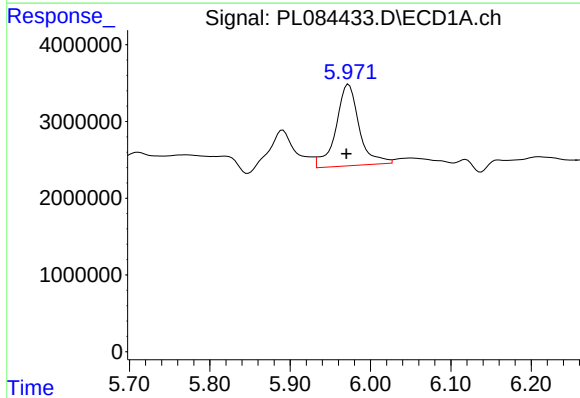
R.T.: 5.891 min  
Delta R.T.: 0.001 min  
Response: 11952747  
Conc: 4.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



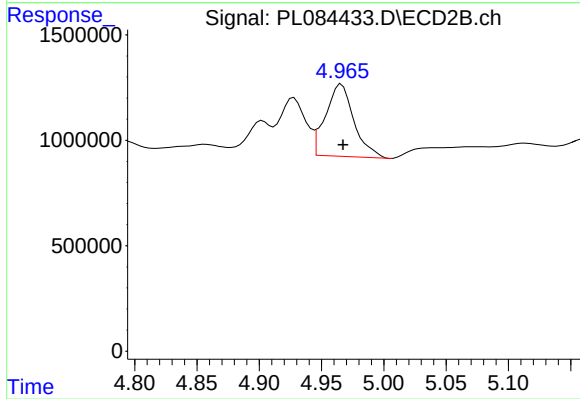
#10 gamma-Chlordane

R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 1902275  
Conc: 1.36 ng/ml



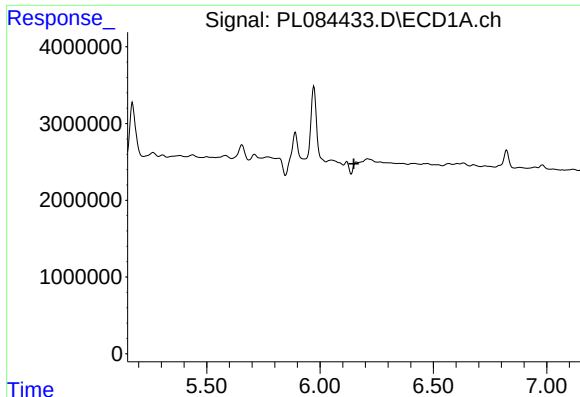
#11 alpha-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.003 min  
Response: 21288147  
Conc: 7.48 ng/ml



#11 alpha-Chlordane

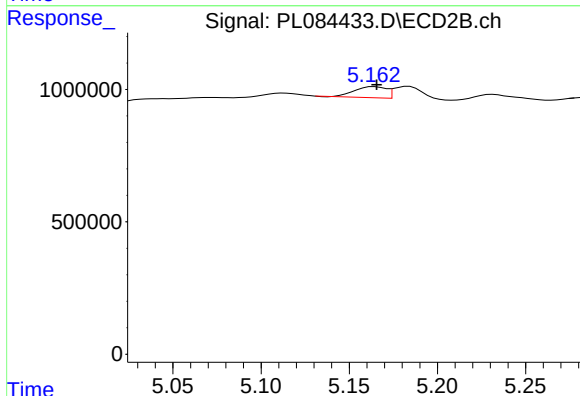
R.T.: 4.966 min  
Delta R.T.: -0.001 min  
Response: 5428550  
Conc: 3.86 ng/ml



#12 4,4'-DDE

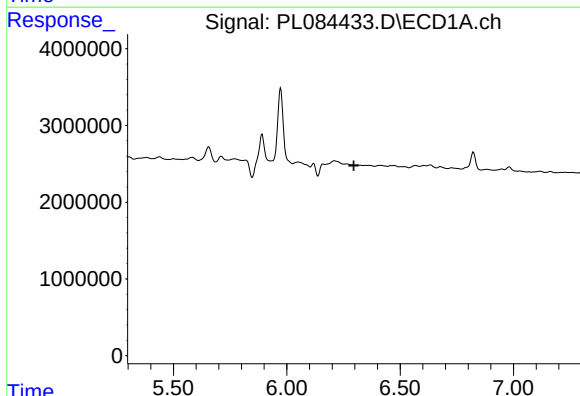
R.T.: 0.000 min  
Exp R.T.: 6.148 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



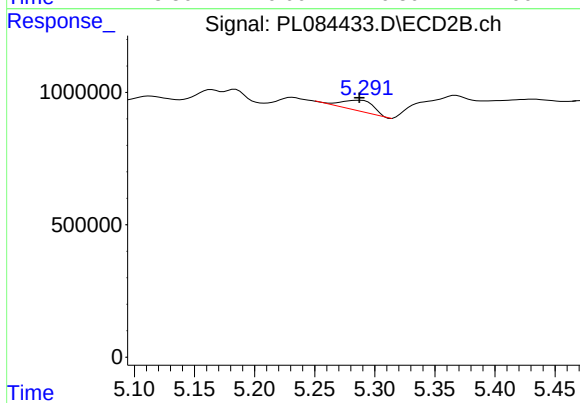
#12 4,4'-DDE

R.T.: 5.164 min  
Delta R.T.: -0.001 min  
Response: 515033  
Conc: 0.41 ng/ml



#13 Dieldrin

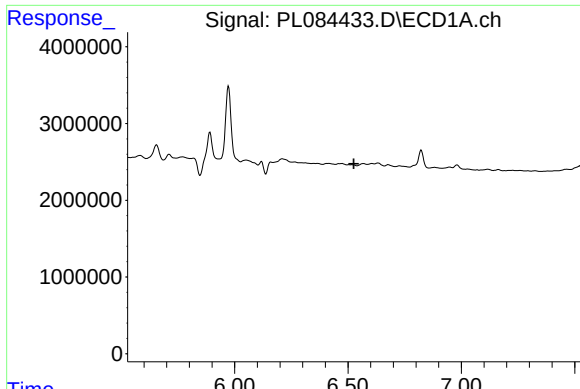
R.T.: 0.000 min  
Exp R.T.: 6.295 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 756472  
Conc: 0.54 ng/ml

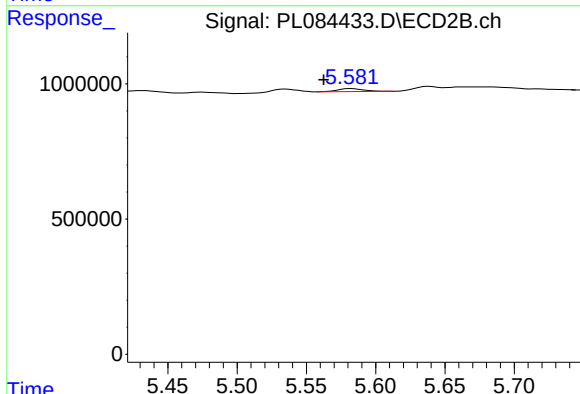




#14 Endrin

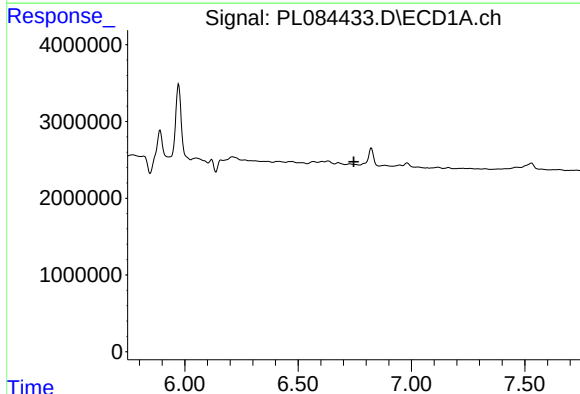
R.T.: 0.000 min  
Exp R.T.: 6.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



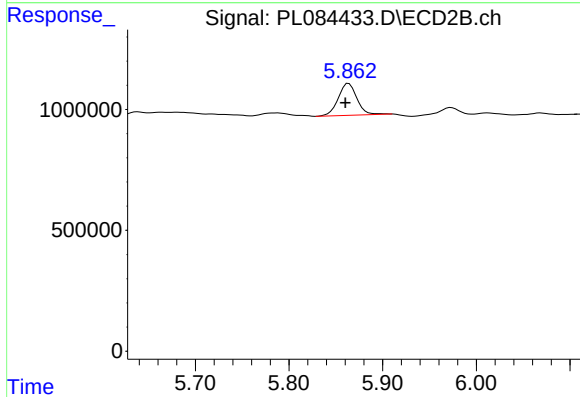
#14 Endrin

R.T.: 5.582 min  
Delta R.T.: 0.020 min  
Response: 138574  
Conc: 0.11 ng/ml



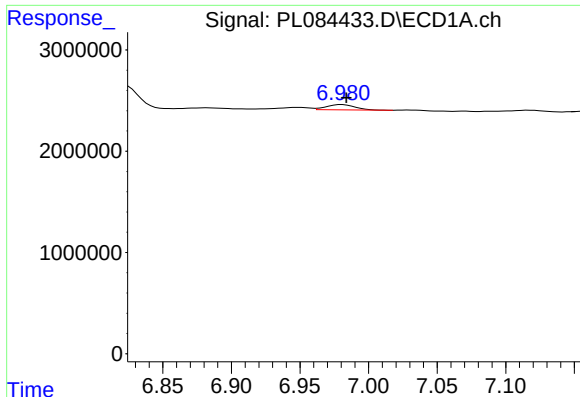
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.746 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

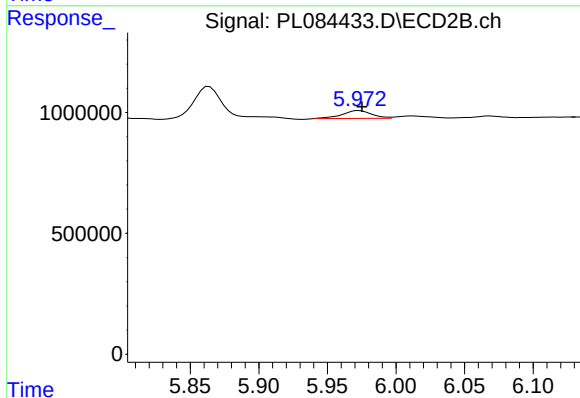
R.T.: 5.864 min  
Delta R.T.: 0.003 min  
Response: 1829831  
Conc: 1.48 ng/ml



#17 4,4'-DDT

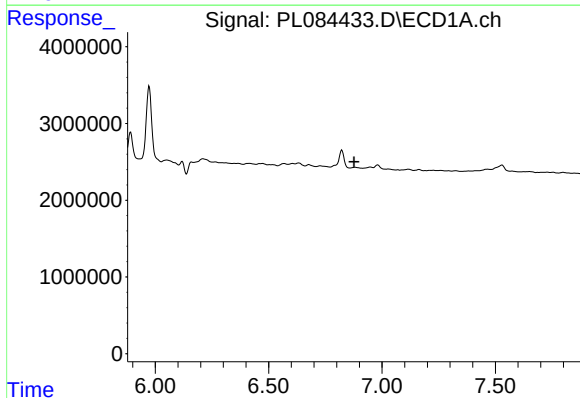
R.T.: 6.981 min  
Delta R.T.: -0.003 min  
Response: 748656  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



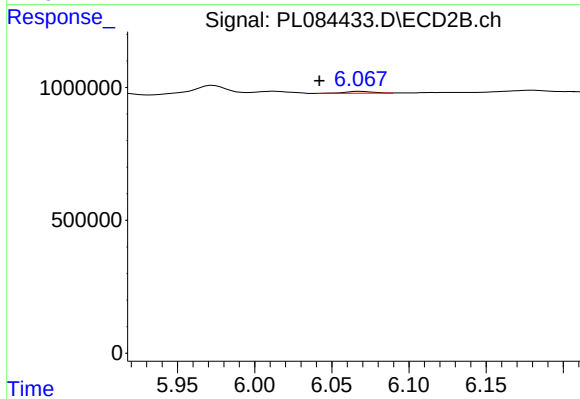
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 487447  
Conc: 0.41 ng/ml



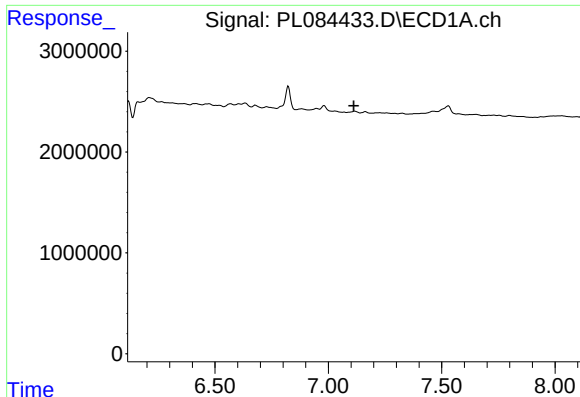
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

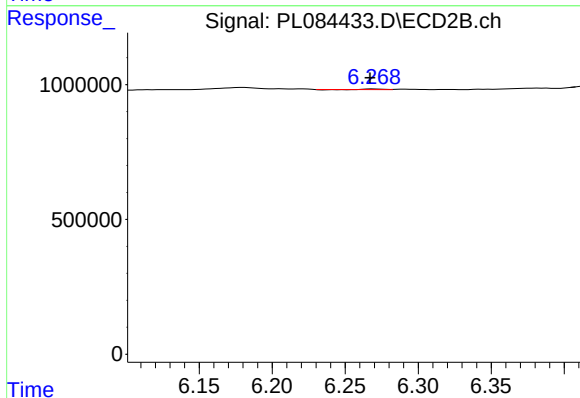
R.T.: 6.069 min  
Delta R.T.: 0.027 min  
Response: 86550  
Conc: 0.09 ng/ml



#19 Endosulfan Sulfate

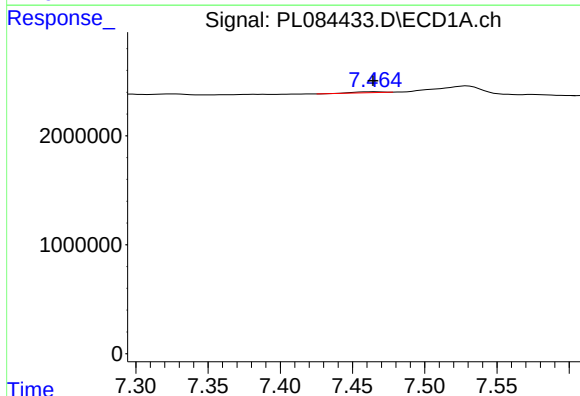
R.T.: 0.000 min  
Exp R.T.: 7.112 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



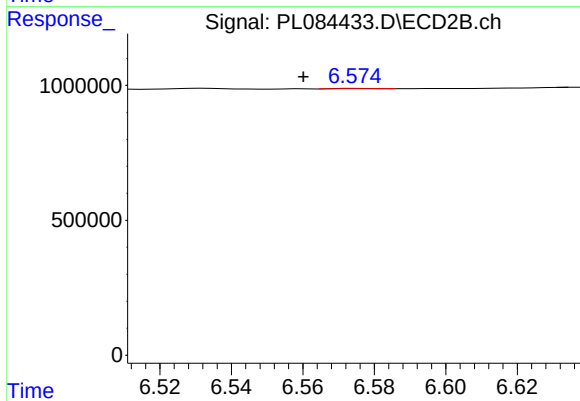
#19 Endosulfan Sulfate

R.T.: 6.269 min  
Delta R.T.: 0.002 min  
Response: 9509  
Conc: 0.01 ng/ml



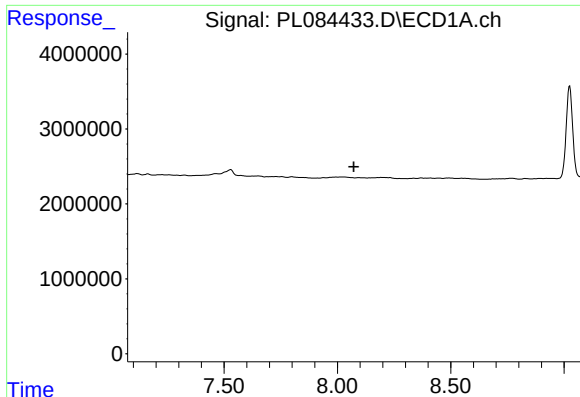
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 111756  
Conc: 0.12 ng/ml



#20 Methoxychlor

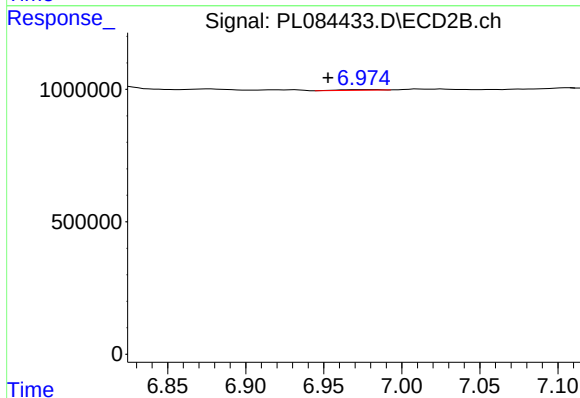
R.T.: 6.575 min  
Delta R.T.: 0.015 min  
Response: 9875  
Conc: 0.01 ng/ml



#22 Mirex

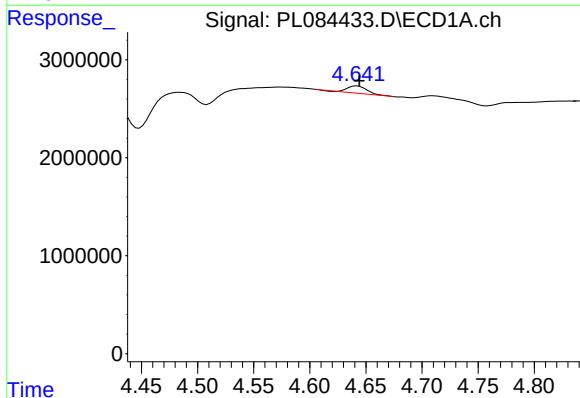
R.T.: 0.000 min  
Exp R.T.: 8.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



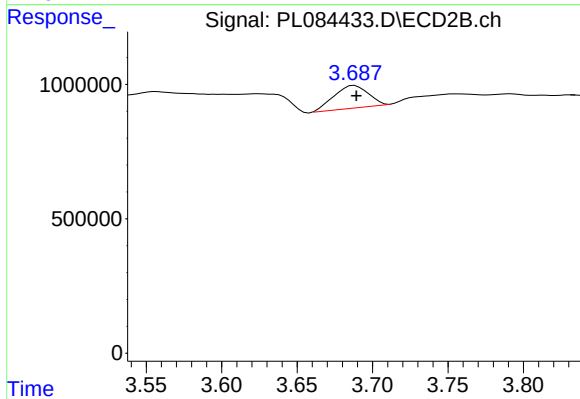
#22 Mirex

R.T.: 6.975 min  
Delta R.T.: 0.023 min  
Response: 40335  
Conc: 0.03 ng/ml



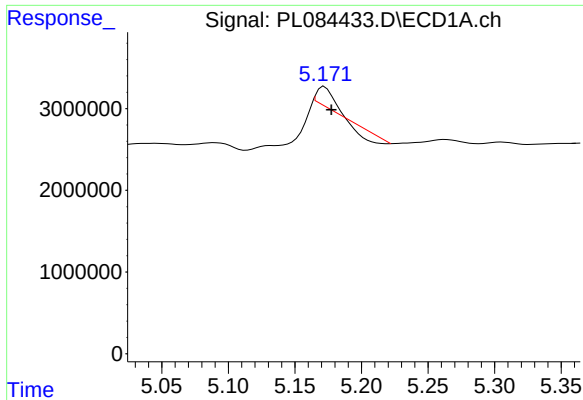
#23 Chlordane-1

R.T.: 4.642 min  
Delta R.T.: -0.002 min  
Response: 850665  
Conc: 0.86 ng/ml



#23 Chlordane-1

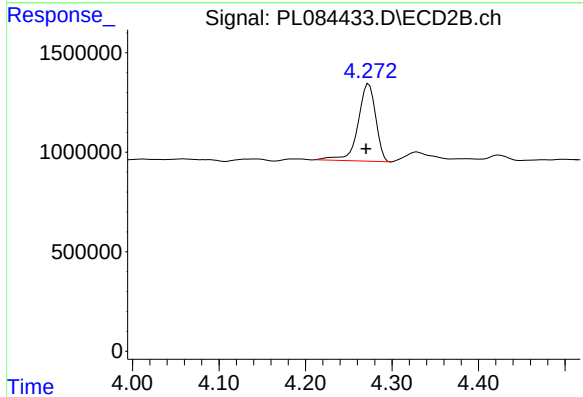
R.T.: 3.688 min  
Delta R.T.: -0.001 min  
Response: 1317270  
Conc: 3.36 ng/ml



#24 Chlordane-2

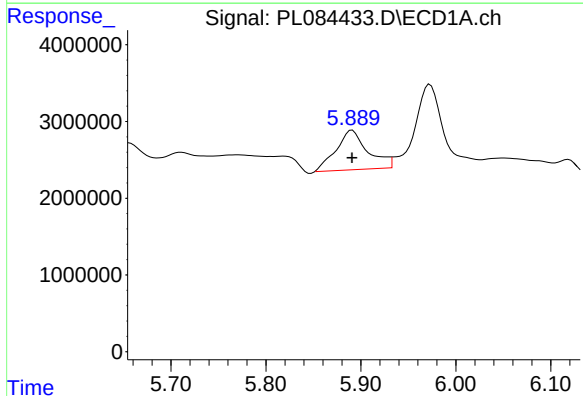
R.T.: 5.172 min  
Delta R.T.: -0.005 min  
Response: 749771  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



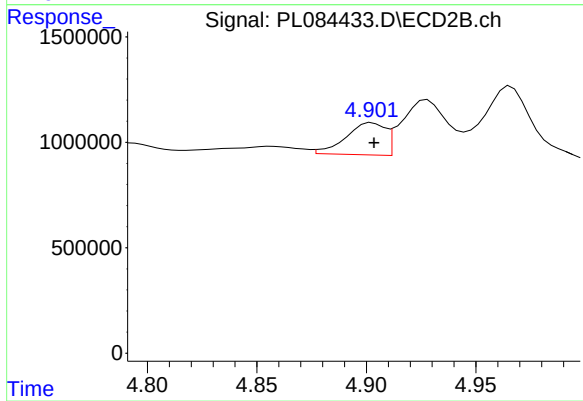
#24 Chlordane-2

R.T.: 4.273 min  
Delta R.T.: 0.003 min  
Response: 5518335  
Conc: 12.91 ng/ml



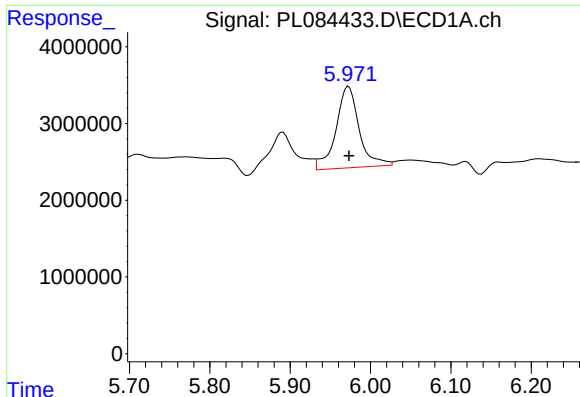
#25 Chlordane-3

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 11952747  
Conc: 3.01 ng/ml



#25 Chlordane-3

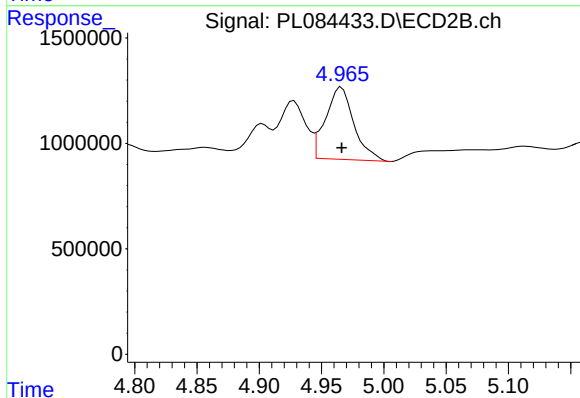
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 1902275  
Conc: 1.39 ng/ml



#26 Chlordane-4

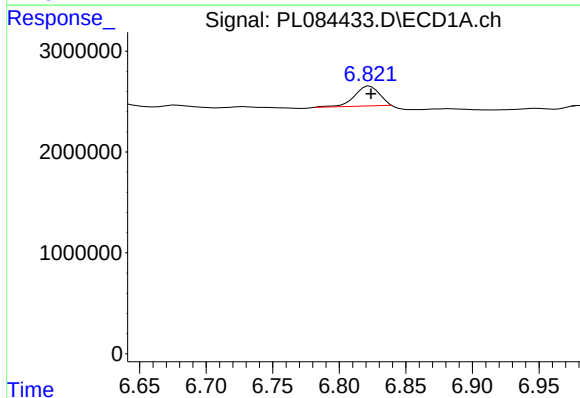
R.T.: 5.973 min  
Delta R.T.: 0.000 min  
Response: 21288147  
Conc: 4.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



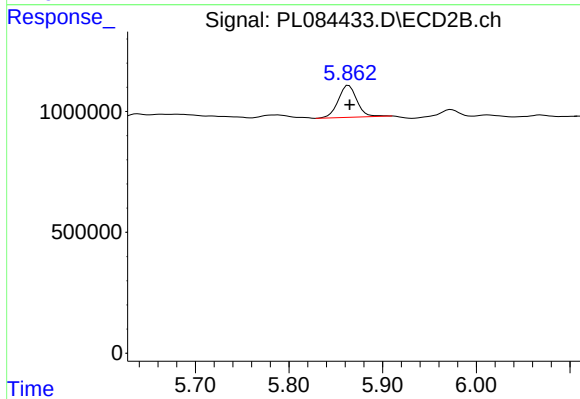
#26 Chlordane-4

R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 5428550  
Conc: 3.79 ng/ml



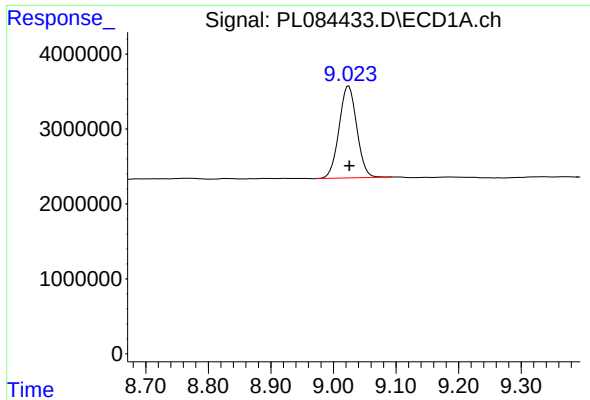
#27 Chlordane-5

R.T.: 6.823 min  
Delta R.T.: -0.001 min  
Response: 2585617  
Conc: 3.69 ng/ml



#27 Chlordane-5

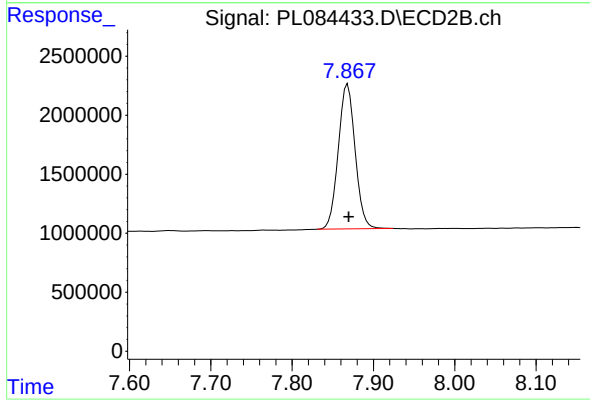
R.T.: 5.864 min  
Delta R.T.: -0.001 min  
Response: 1829831  
Conc: 3.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: -0.001 min  
Response: 24208451  
Conc: 15.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.001 min  
Response: 17645466  
Conc: 14.43 ng/ml