

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072223\  
 Data File : PL084096.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2023 14:15  
 Operator : AR\AJ  
 Sample : 03668-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 20 21:30:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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  | 2.688  | 40634052 | 19829137 | 20.318 | 17.855  |
| 28)                         | SA Decachlor... | 9.026  | 7.871  | 27039410 | 21057003 | 20.773 | 18.951  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.175f | 0        | 40387    | N.D.   | 0.025 # |
| 3)                          | MA gamma-BHC... | 4.239f | 3.525  | 1295569  | 539447   | 0.459  | 0.355   |
| 4)                          | MA Heptachlor   | 4.840f | 3.870  | 119882   | 22472    | 0.044  | 0.019 # |
| 5)                          | MB Aldrin       | 0.000  | 4.162f | 0        | 5399     | N.D.   | 0.004 # |
| 6)                          | B beta-BHC      | 4.459  | 3.840f | 251302   | 64817    | 0.209  | 0.098 # |
| 7)                          | B delta-BHC     | 0.000  | 4.046  | 0        | 146328   | N.D.   | 0.097 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.651  | 0        | 97036    | N.D.   | 0.076 # |
| 9)                          | A Endosulfan I  | 5.998f | 5.045f | 1129149  | 1013111  | 0.477  | 0.826 # |
| 10)                         | B gamma-Chl...  | 5.866f | 4.901  | 1716900  | 786279   | 0.665  | 0.590   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.971  | 0        | 617694   | N.D.   | 0.459 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.166  | 0        | 40464    | N.D.   | 0.033 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.295  | 0        | 815845   | N.D.   | 0.626 # |
| 14)                         | MA Endrin       | 0.000  | 5.561  | 0        | 59666    | N.D.   | 0.054 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.870  | 0        | 198033   | N.D.   | 0.172 # |
| 16)                         | A 4,4'-DDD      | 6.651  | 0.000  | 344115   | 0        | 0.234  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.987  | 5.977  | 319317   | 111076   | 0.200  | 0.122 # |
| 18)                         | B Endrin al...  | 0.000  | 6.062f | 0        | 78199    | N.D.   | 0.087 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.575  | 0        | 945801   | N.D.   | 1.974 # |
| 23)                         | Chlordane-1     | 0.000  | 3.716f | 0        | 521288   | N.D.   | 1.321 # |
| 24)                         | Chlordane-2     | 5.155f | 4.257  | 242712   | 79434    | 0.304  | 0.187 # |
| 25)                         | Chlordane-3     | 5.866f | 4.901  | 1716900  | 786279   | 0.489  | 0.573   |
| 26)                         | Chlordane-4     | 5.998f | 4.971  | 1129149  | 617694   | 0.277  | 0.431 # |
| 27)                         | Chlordane-5     | 6.789f | 5.870  | 665479   | 198033   | 1.090  | 0.432 # |
| -----                       |                 |        |        |          |          |        |         |

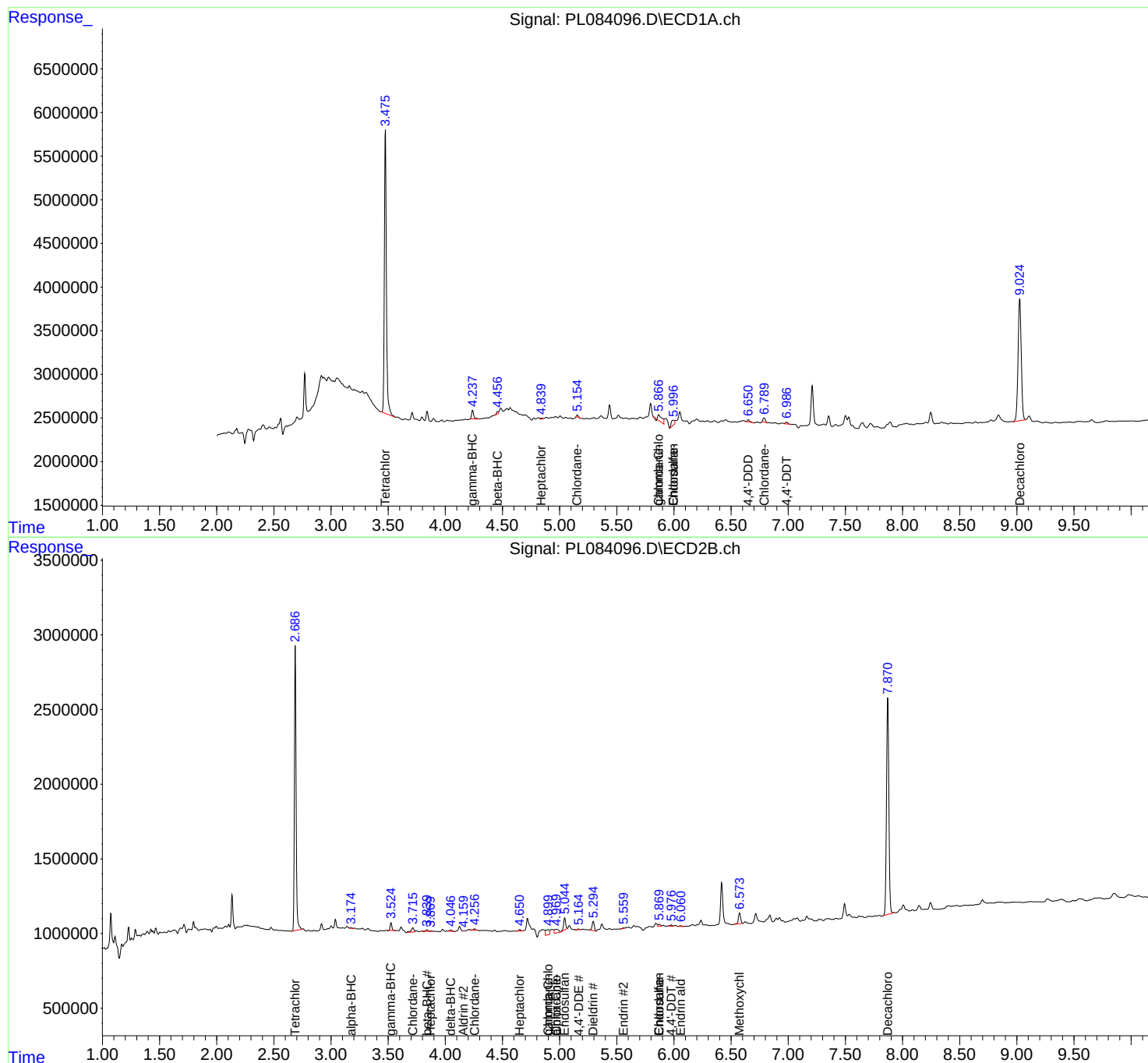
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

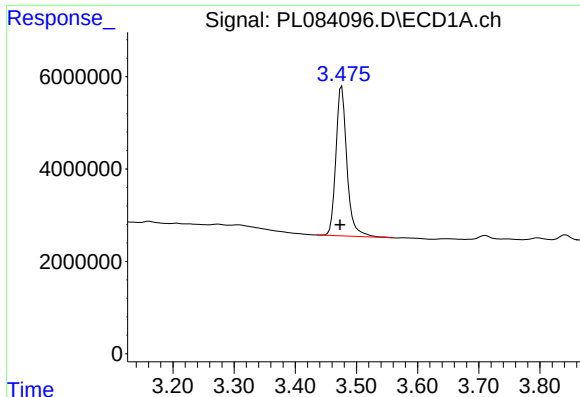
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072223\  
Data File : PL084096.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jul 2023 14:15  
Operator : AR\AJ  
Sample : 03668-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 21:30:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

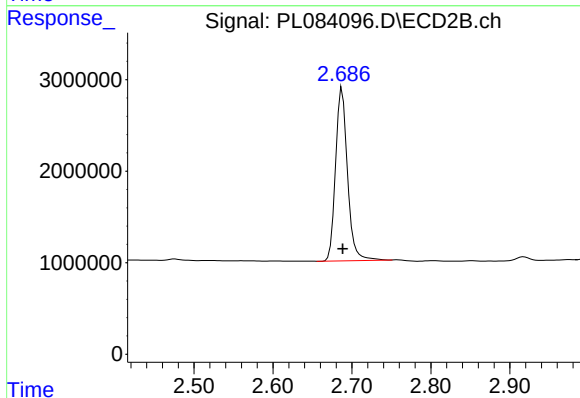




#1 Tetrachloro-m-xylene

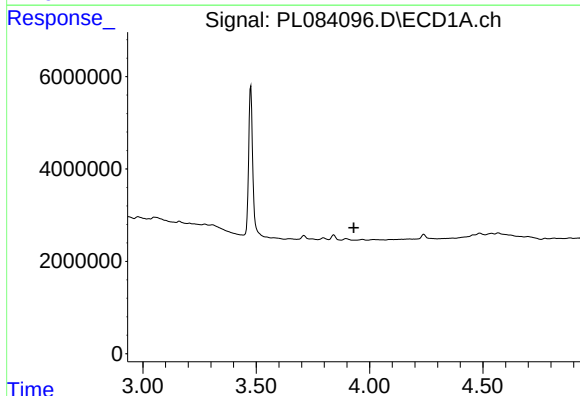
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 40634052  
Conc: 20.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



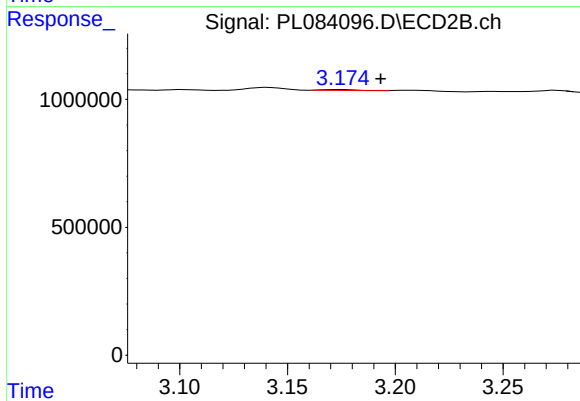
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 19829137  
Conc: 17.85 ng/ml



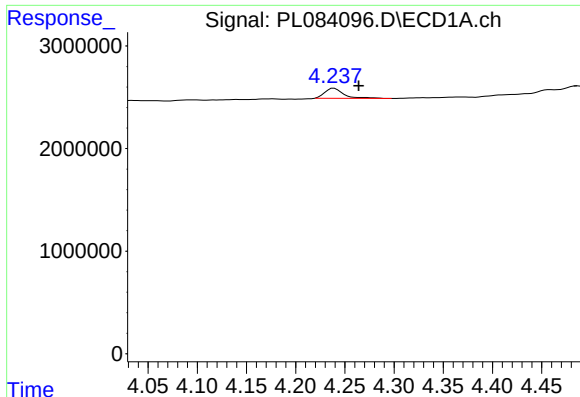
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

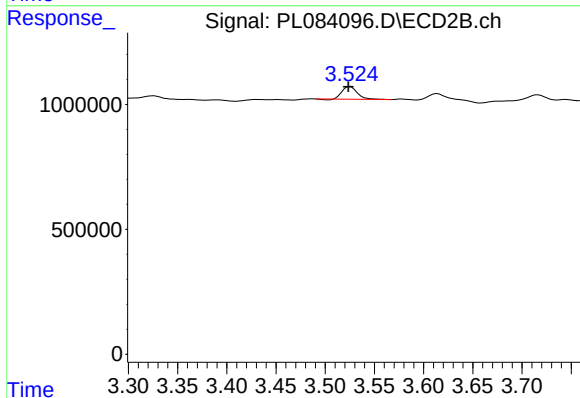
R.T.: 3.175 min  
Delta R.T.: -0.018 min  
Response: 40387  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

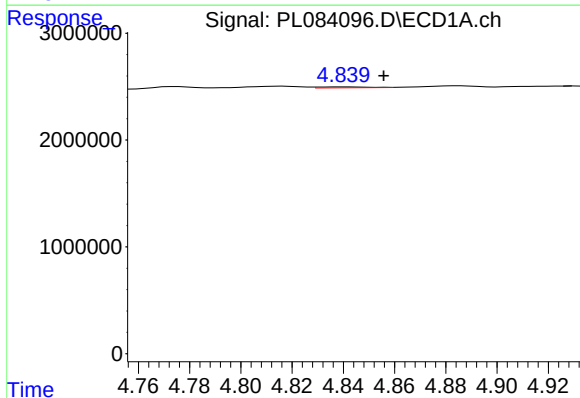
R.T.: 4.239 min  
Delta R.T.: -0.025 min  
Response: 1295569  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



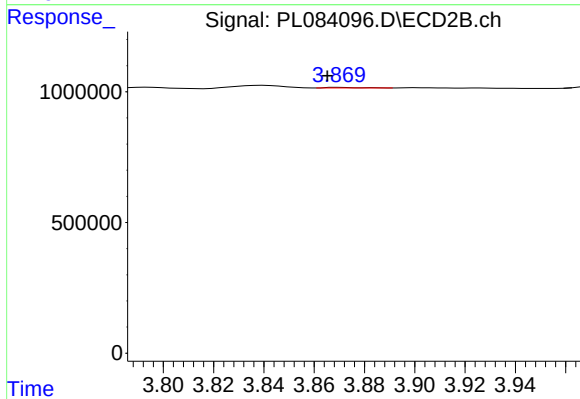
#3 gamma-BHC (Lindane)

R.T.: 3.525 min  
Delta R.T.: 0.002 min  
Response: 539447  
Conc: 0.35 ng/ml



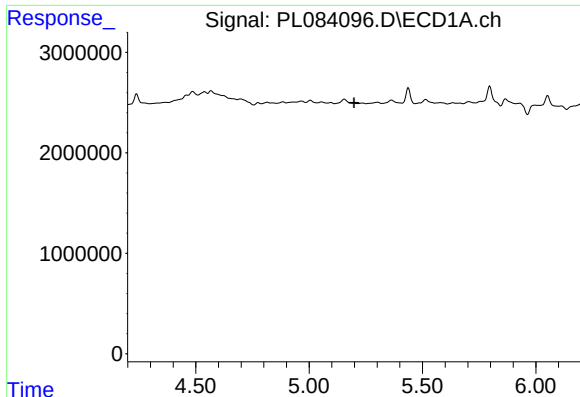
#4 Heptachlor

R.T.: 4.840 min  
Delta R.T.: -0.016 min  
Response: 119882  
Conc: 0.04 ng/ml



#4 Heptachlor

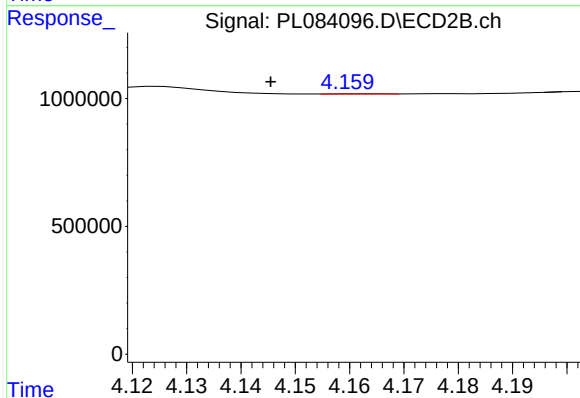
R.T.: 3.870 min  
Delta R.T.: 0.005 min  
Response: 22472  
Conc: 0.02 ng/ml



#5 Aldrin

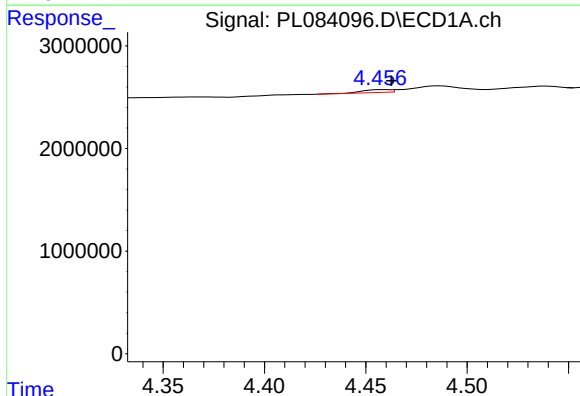
R.T.: 0.000 min  
Exp R.T.: 5.199 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



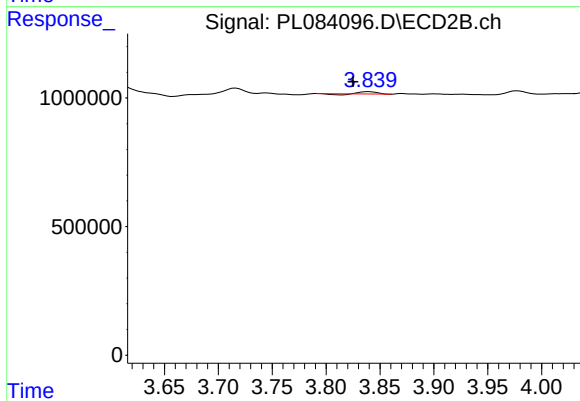
#5 Aldrin

R.T.: 4.162 min  
Delta R.T.: 0.016 min  
Response: 5399  
Conc: 0.00 ng/ml



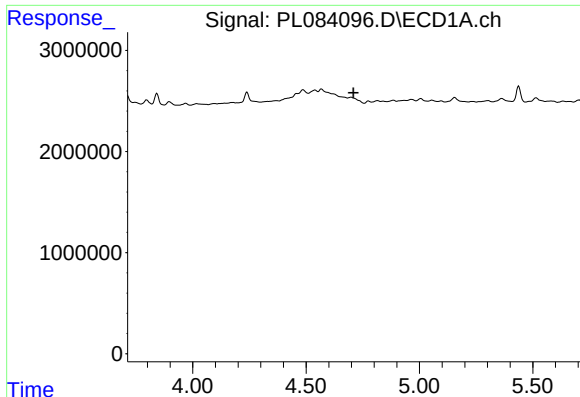
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: -0.004 min  
Response: 251302  
Conc: 0.21 ng/ml



#6 beta-BHC

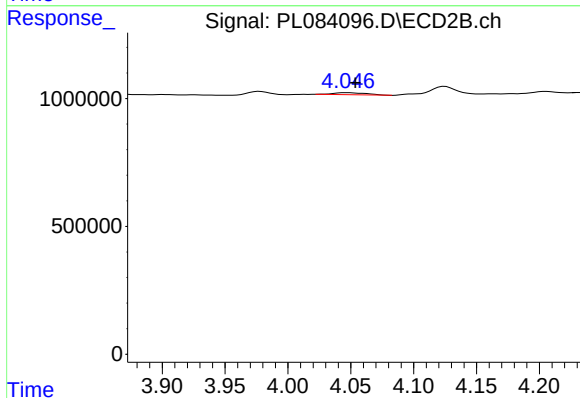
R.T.: 3.840 min  
Delta R.T.: 0.015 min  
Response: 64817  
Conc: 0.10 ng/ml



#7 delta-BHC

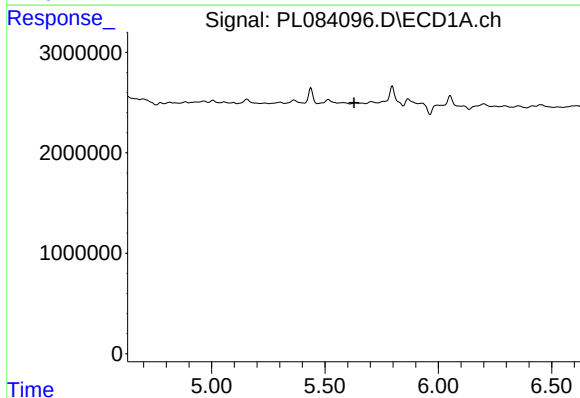
R.T.: 0.000 min  
Exp R.T.: 4.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



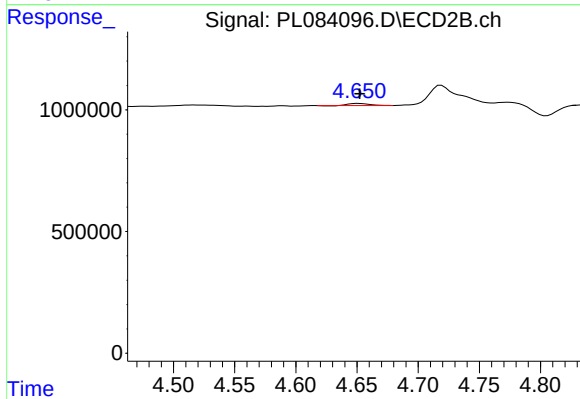
#7 delta-BHC

R.T.: 4.046 min  
Delta R.T.: -0.007 min  
Response: 146328  
Conc: 0.10 ng/ml



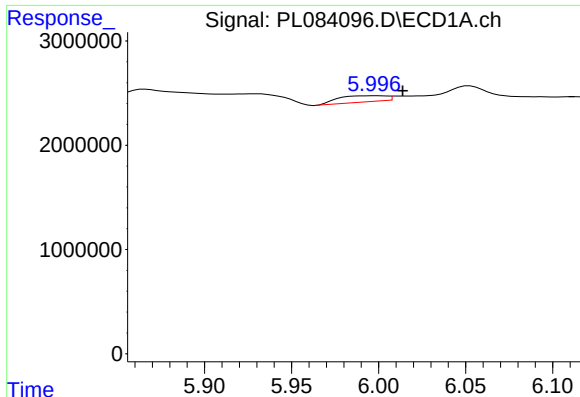
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.628 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

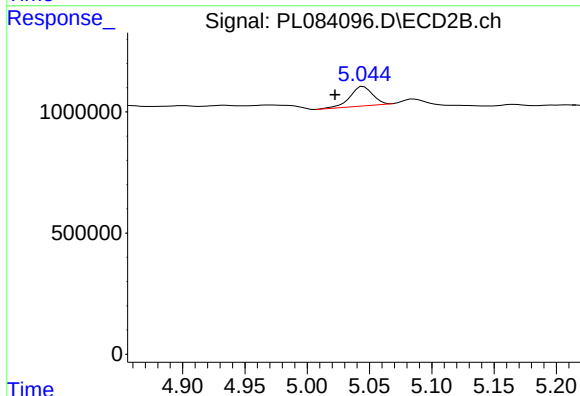
R.T.: 4.651 min  
Delta R.T.: -0.001 min  
Response: 97036  
Conc: 0.08 ng/ml



#9 Endosulfan I

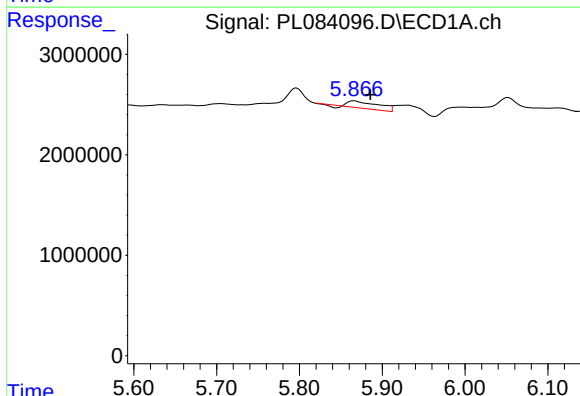
R.T.: 5.998 min  
Delta R.T.: -0.016 min  
Response: 1129149  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



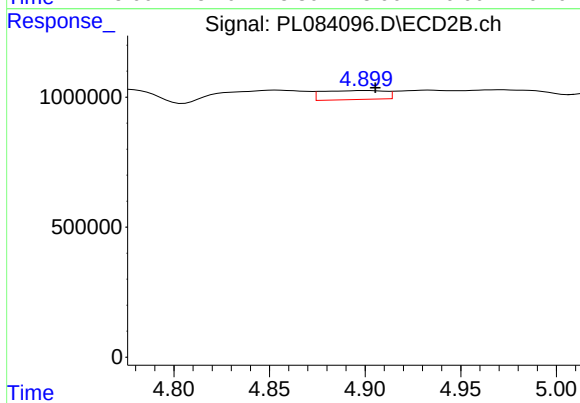
#9 Endosulfan I

R.T.: 5.045 min  
Delta R.T.: 0.023 min  
Response: 1013111  
Conc: 0.83 ng/ml



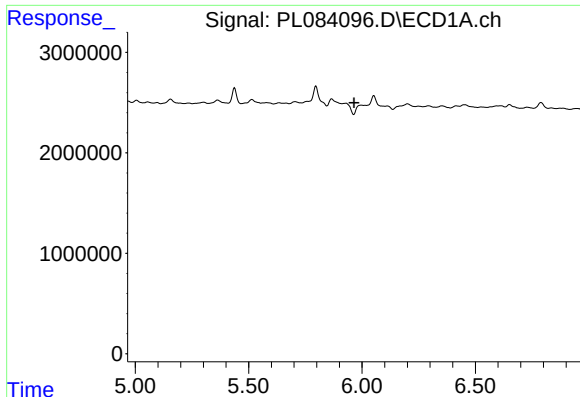
#10 gamma-Chlordane

R.T.: 5.866 min  
Delta R.T.: -0.019 min  
Response: 1716900  
Conc: 0.66 ng/ml



#10 gamma-Chlordane

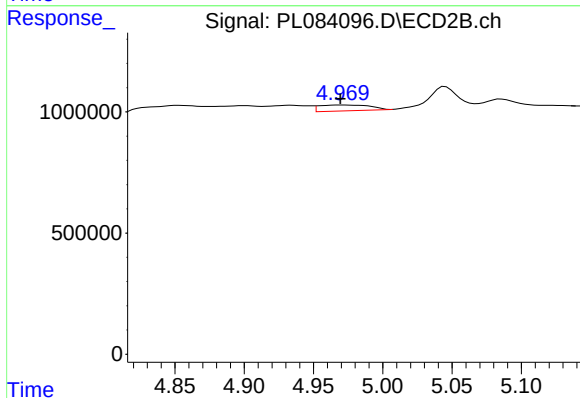
R.T.: 4.901 min  
Delta R.T.: -0.005 min  
Response: 786279  
Conc: 0.59 ng/ml



#11 alpha-Chlordane

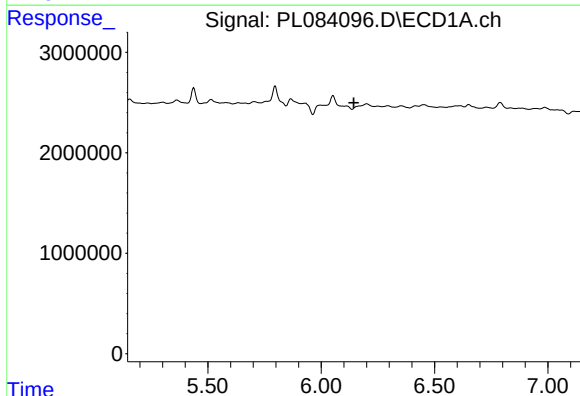
R.T.: 0.000 min  
Exp R.T.: 5.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



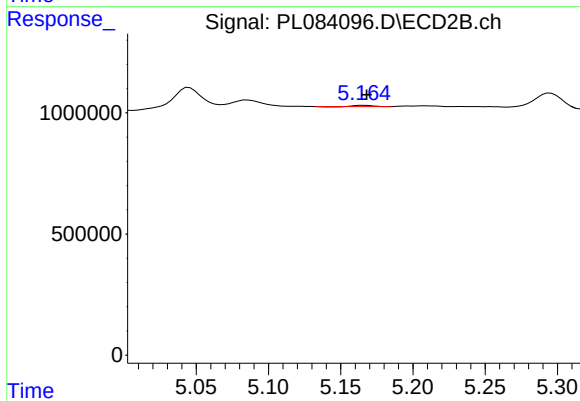
#11 alpha-Chlordane

R.T.: 4.971 min  
Delta R.T.: 0.002 min  
Response: 617694  
Conc: 0.46 ng/ml



#12 4,4'-DDE

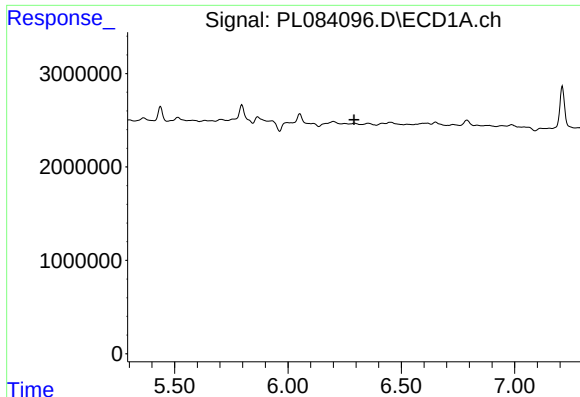
R.T.: 0.000 min  
Exp R.T.: 6.144 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 40464  
Conc: 0.03 ng/ml

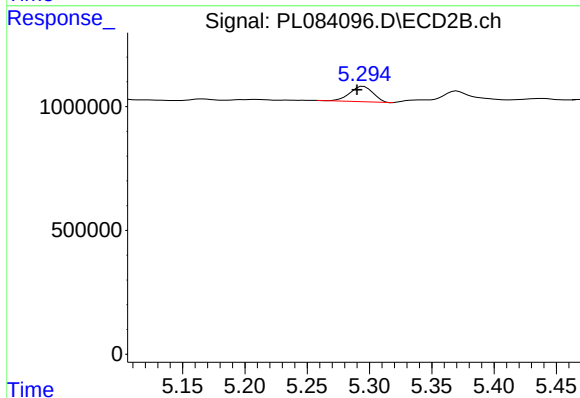




#13 Dieldrin

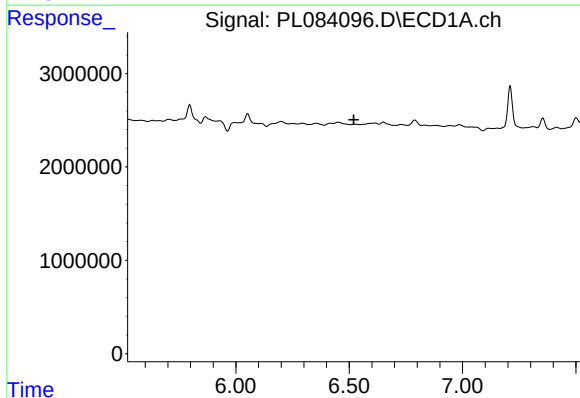
R.T.: 0.000 min  
Exp R.T.: 6.291 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



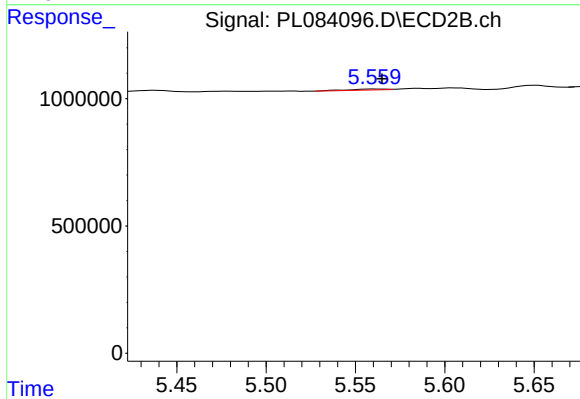
#13 Dieldrin

R.T.: 5.295 min  
Delta R.T.: 0.005 min  
Response: 815845  
Conc: 0.63 ng/ml



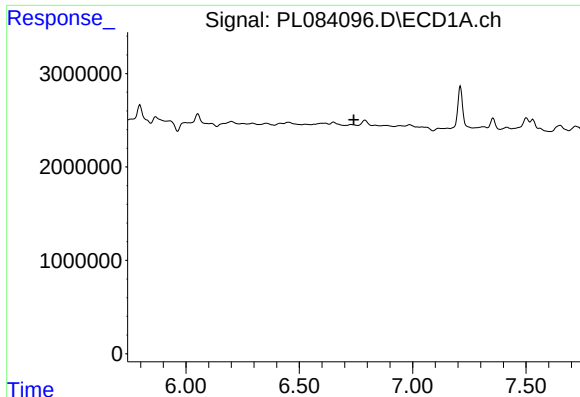
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.520 min  
Response: 0  
Conc: N.D.



#14 Endrin

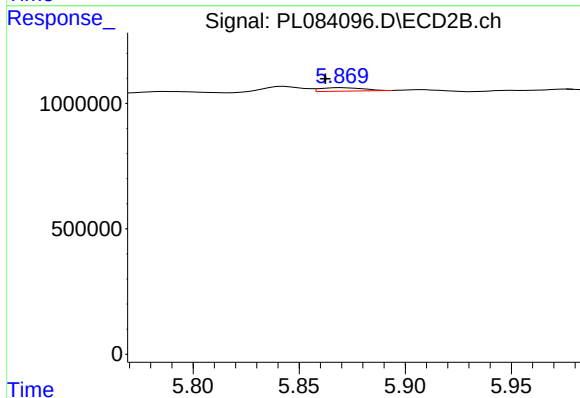
R.T.: 5.561 min  
Delta R.T.: -0.004 min  
Response: 59666  
Conc: 0.05 ng/ml



#15 Endosulfan II

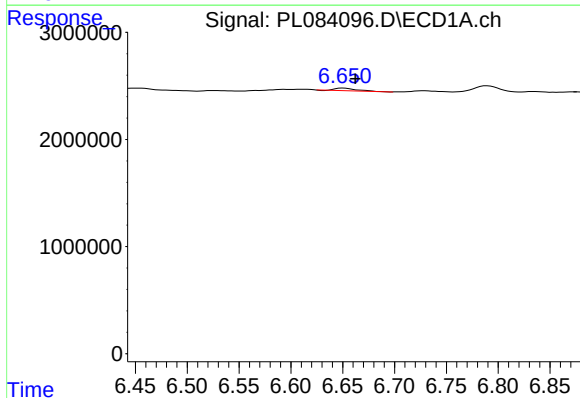
R.T.: 0.000 min  
Exp R.T.: 6.740 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



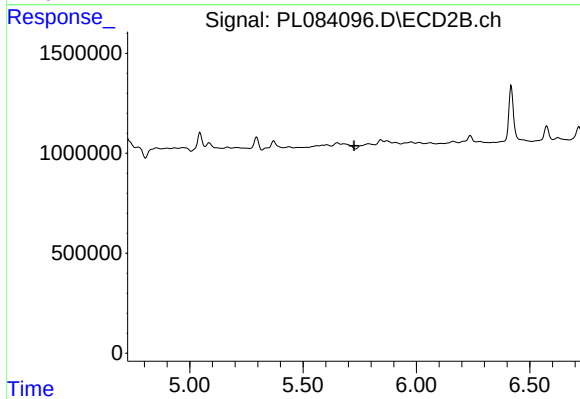
#15 Endosulfan II

R.T.: 5.870 min  
Delta R.T.: 0.008 min  
Response: 198033  
Conc: 0.17 ng/ml



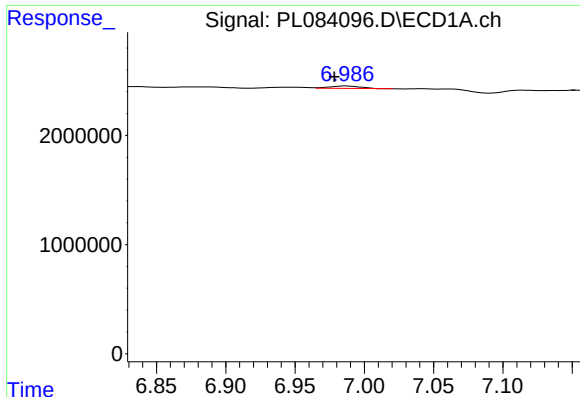
#16 4,4'-DDD

R.T.: 6.651 min  
Delta R.T.: -0.011 min  
Response: 344115  
Conc: 0.23 ng/ml



#16 4,4'-DDD

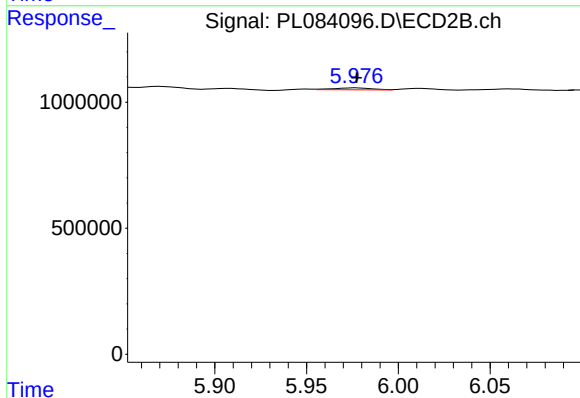
R.T.: 0.000 min  
Exp R.T.: 5.725 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

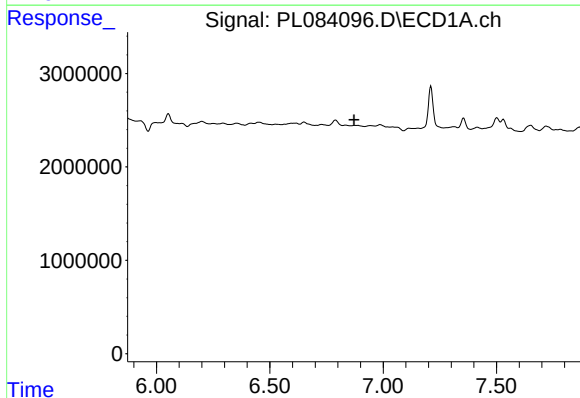
R.T.: 6.987 min  
Delta R.T.: 0.009 min  
Response: 319317  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



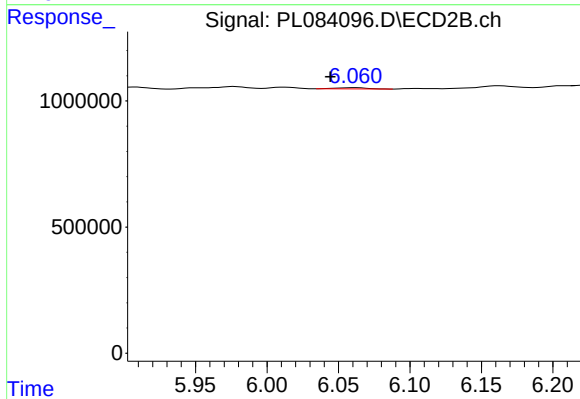
#17 4,4'-DDT

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 111076  
Conc: 0.12 ng/ml



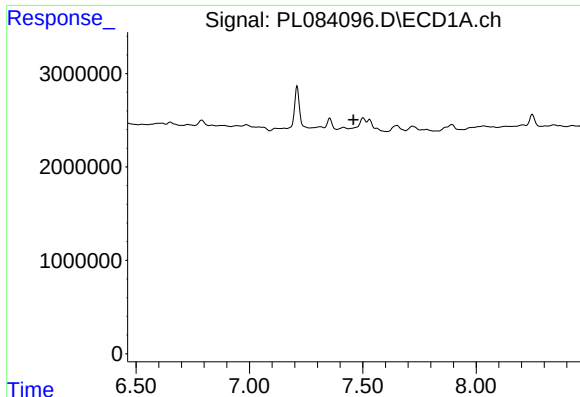
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.872 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

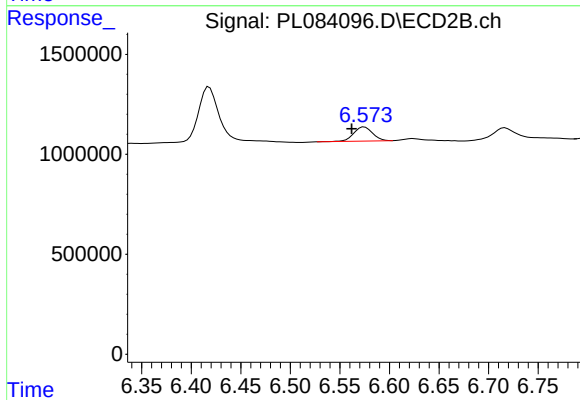
R.T.: 6.062 min  
Delta R.T.: 0.017 min  
Response: 78199  
Conc: 0.09 ng/ml



#20 Methoxychlor

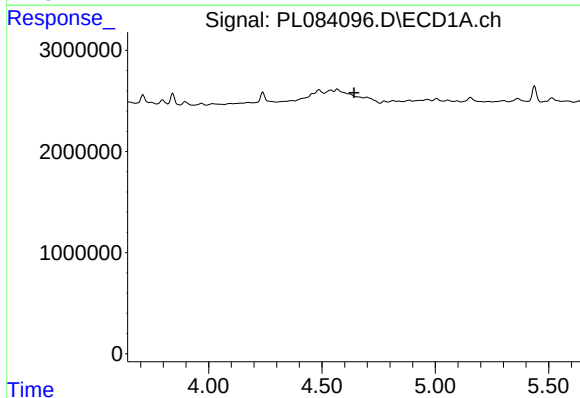
R.T.: 0.000 min  
Exp R.T.: 7.459 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



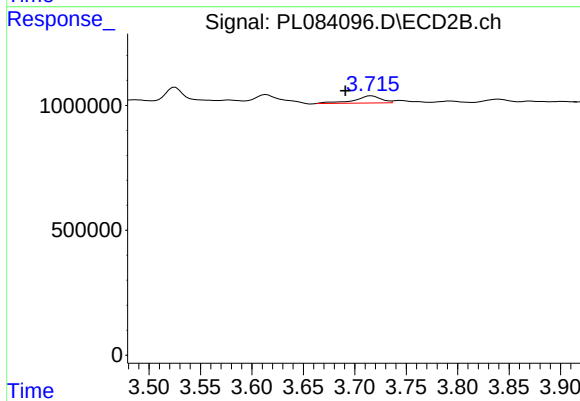
#20 Methoxychlor

R.T.: 6.575 min  
Delta R.T.: 0.013 min  
Response: 945801  
Conc: 1.97 ng/ml



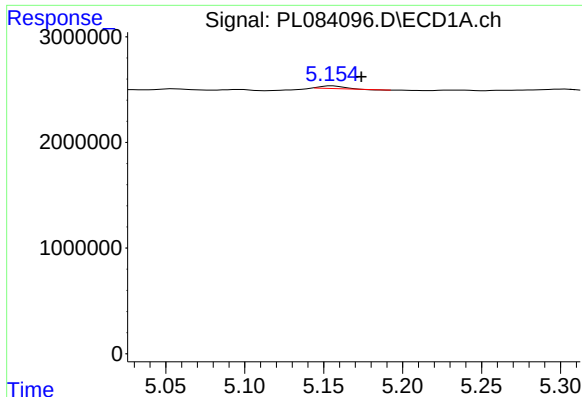
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

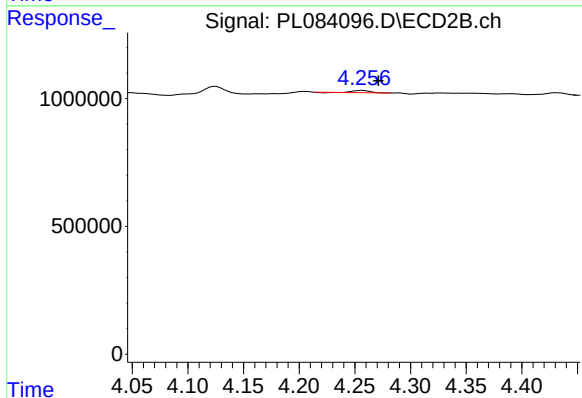
R.T.: 3.716 min  
Delta R.T.: 0.026 min  
Response: 521288  
Conc: 1.32 ng/ml



#24 Chlordane-2

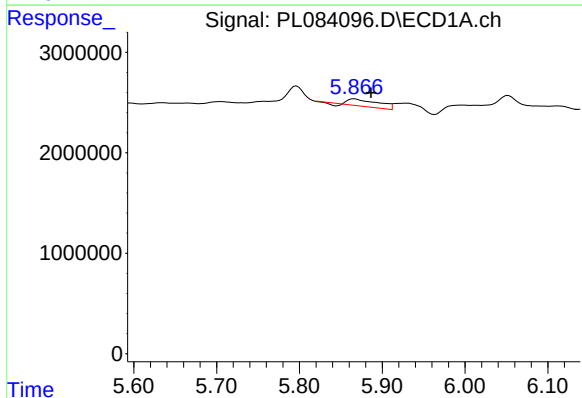
R.T.: 5.155 min  
Delta R.T.: -0.019 min  
Response: 242712  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



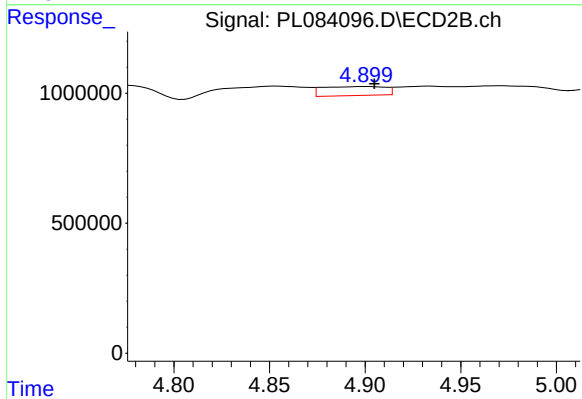
#24 Chlordane-2

R.T.: 4.257 min  
Delta R.T.: -0.014 min  
Response: 79434  
Conc: 0.19 ng/ml



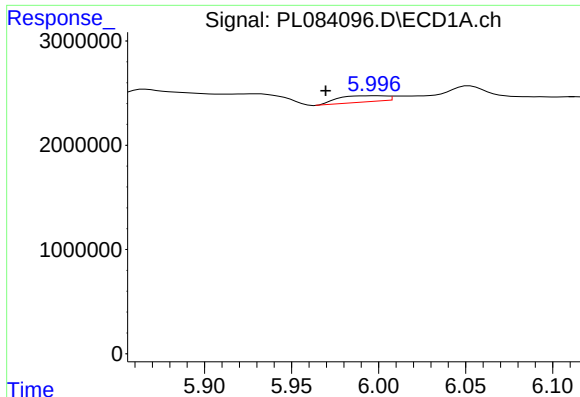
#25 Chlordane-3

R.T.: 5.866 min  
Delta R.T.: -0.020 min  
Response: 1716900  
Conc: 0.49 ng/ml



#25 Chlordane-3

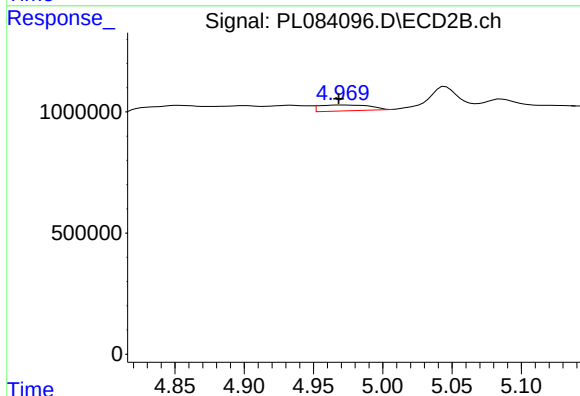
R.T.: 4.901 min  
Delta R.T.: -0.004 min  
Response: 786279  
Conc: 0.57 ng/ml



#26 Chlordane-4

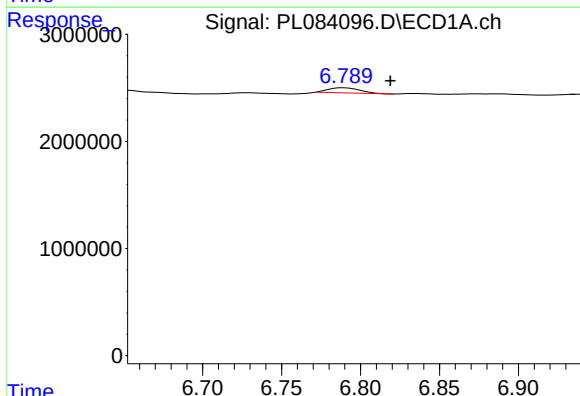
R.T.: 5.998 min  
Delta R.T.: 0.028 min  
Response: 1129149  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



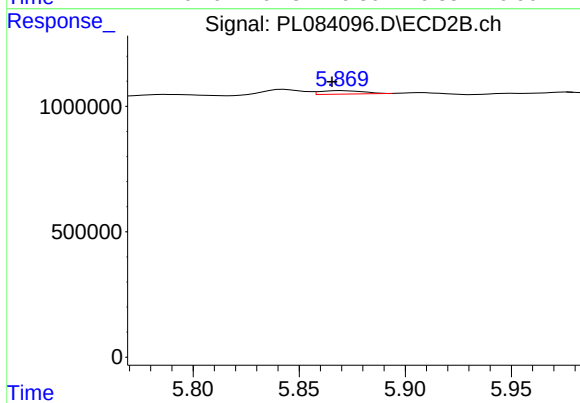
#26 Chlordane-4

R.T.: 4.971 min  
Delta R.T.: 0.003 min  
Response: 617694  
Conc: 0.43 ng/ml



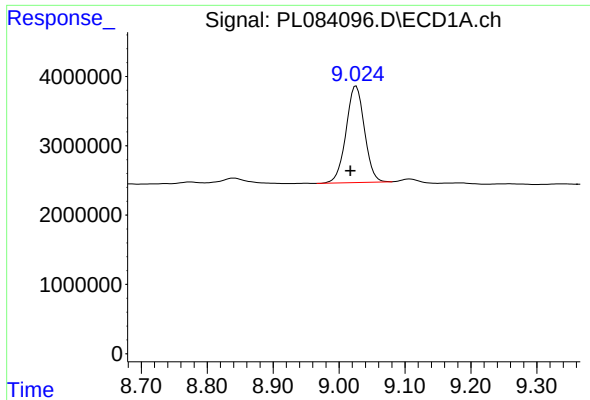
#27 Chlordane-5

R.T.: 6.789 min  
Delta R.T.: -0.029 min  
Response: 665479  
Conc: 1.09 ng/ml



#27 Chlordane-5

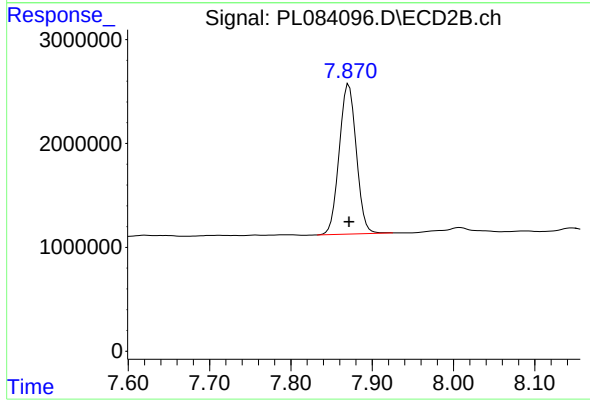
R.T.: 5.870 min  
Delta R.T.: 0.005 min  
Response: 198033  
Conc: 0.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.008 min  
Response: 27039410  
Conc: 20.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 21057003  
Conc: 18.95 ng/ml