

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083571.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2023 00:45  
 Operator : AR\AJ  
 Sample : 03208-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:32:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 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... | 3.455  | 2.753  | 25491315 | 27099430 | 11.533 | 11.634  |
| 28)                         | SA Decachlor... | 8.991  | 7.961  | 24126923 | 30965454 | 12.661 | 12.608  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.252  | 0        | 69823    | N.D.   | 0.021 # |
| 3)                          | MA gamma-BHC... | 4.267f | 0.000  | 180777   | 0        | 0.063  | N.D. #  |
| 5)                          | MB Aldrin       | 5.182  | 4.228  | 848960   | 283457   | 0.327  | 0.094 # |
| 6)                          | B beta-BHC      | 4.453  | 3.899  | 706849   | -65888   | 0.546  | N.D. #  |
| 7)                          | B delta-BHC     | 4.689  | 4.134  | 481217   | 343655   | 0.175  | 0.107 # |
| 8)                          | B Heptachlo...  | 5.605  | 4.729  | 347439   | 220923   | 0.137  | 0.077 # |
| 9)                          | A Endosulfan I  | 6.017f | 5.119  | 113785   | 190964   | 0.051  | 0.071 # |
| 10)                         | B gamma-Chl...  | 5.866  | 4.989  | 2952501  | 2504288  | 1.227  | 0.846 # |
| 11)                         | B alpha-Chl...  | 5.948  | 5.052  | 6731802  | 5008156  | 2.842  | 1.693 # |
| 12)                         | B 4,4'-DDE      | 6.122  | 5.249  | 2938630  | 3722296  | 1.456  | 1.457   |
| 13)                         | MA Dieldrin     | 6.272  | 5.380  | 72174    | 1264647  | 0.032  | 0.451 # |
| 14)                         | MA Endrin       | 6.501  | 5.667f | 248834   | 890341   | 0.141  | 0.386 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.950  | 0        | 646081   | N.D.   | 0.272 # |
| 16)                         | A 4,4'-DDD      | 6.649  | 5.809  | 1794048  | 442541   | 1.051  | 0.201 # |
| 17)                         | MA 4,4'-DDT     | 6.955  | 6.059  | 2589720  | 6770114  | 1.538  | 3.243 # |
| 18)                         | B Endrin al...  | 0.000  | 6.158f | 0        | 942778   | N.D.   | 0.499 # |
| 19)                         | B Endosulfa...  | 7.071  | 6.359  | 491480   | 1499113  | 0.256  | 0.619 # |
| 21)                         | B Endrin ke...  | 7.553  | 0.000  | 2219983  | 0        | 1.036  | N.D. #  |
| 22)                         | Mirex           | 8.045  | 7.048  | 221305   | 386386   | 0.119  | 0.161 # |
| 23)                         | Chlordane-1     | 0.000  | 3.769  | 0        | 433029   | N.D.   | 4.418 # |
| 24)                         | Chlordane-2     | 0.000  | 4.353  | 0        | 567677   | N.D.   | 4.721 # |
| 25)                         | Chlordane-3     | 5.866  | 4.989  | 2952501  | 2504288  | 7.727  | 7.643   |
| 26)                         | Chlordane-4     | 5.948  | 5.052  | 6731802  | 5008156  | 14.558 | 14.858  |
| 27)                         | Chlordane-5     | 0.000  | 5.950  | 0        | 646081   | N.D.   | 5.811 # |
| -----                       |                 |        |        |          |          |        |         |

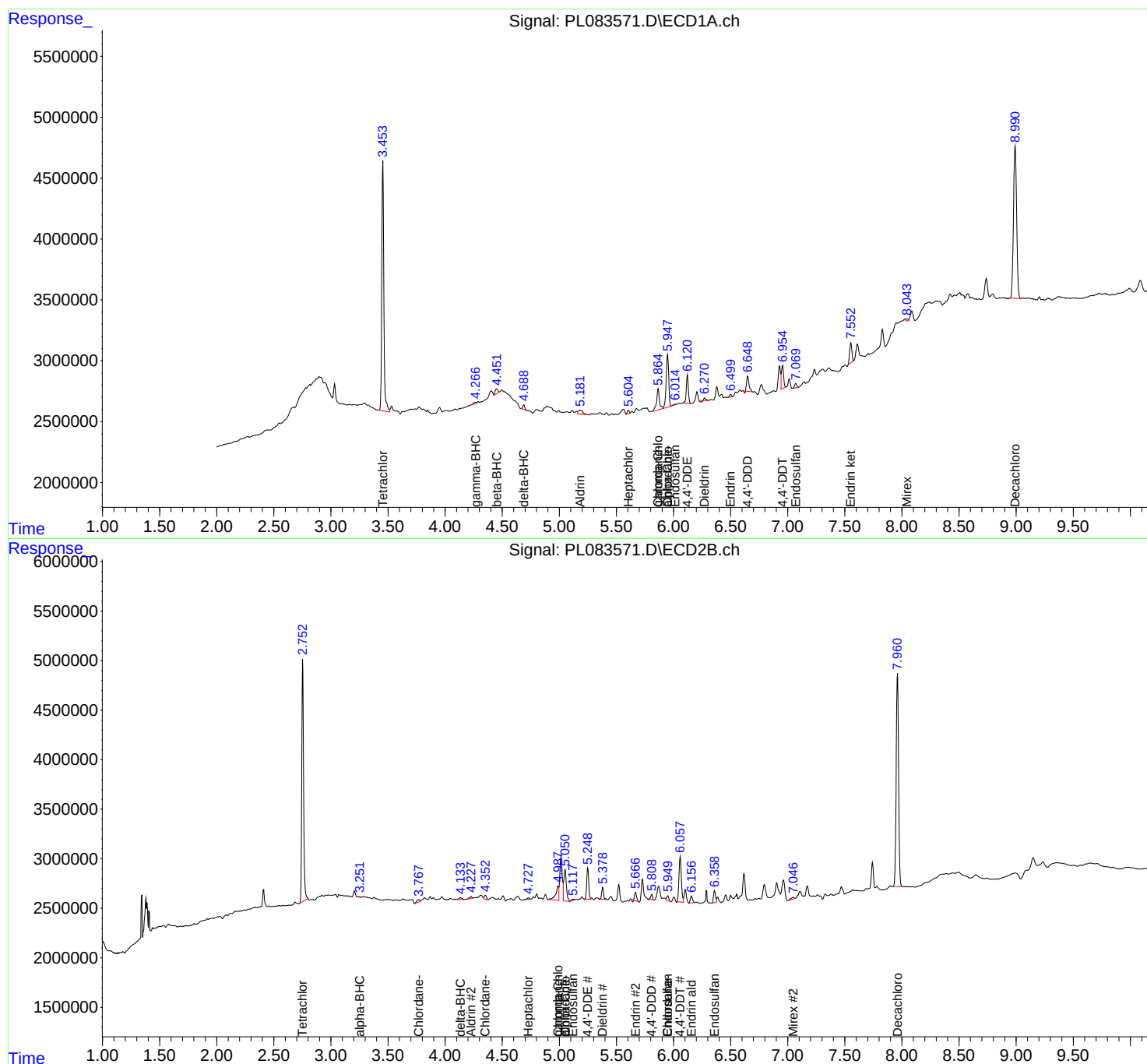
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

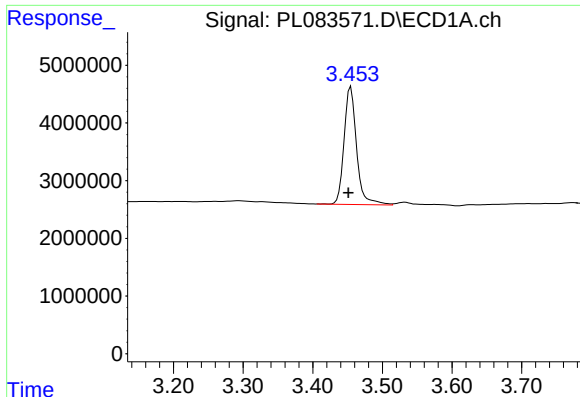
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
Data File : PL083571.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2023 00:45  
Operator : AR\AJ  
Sample : 03208-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 04:32:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 17 12:34:26 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

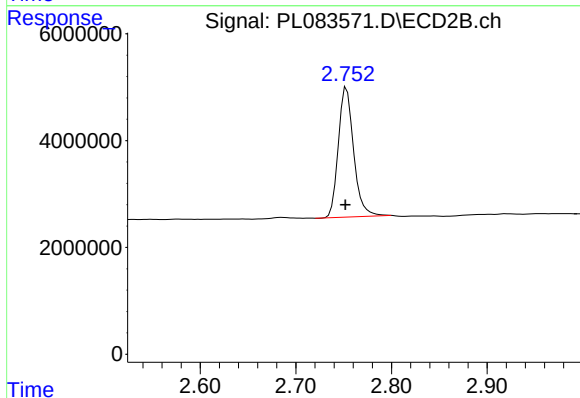




#1 Tetrachloro-m-xylene

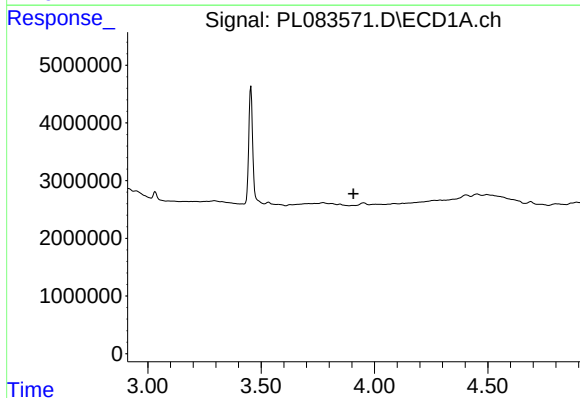
R.T.: 3.455 min  
Delta R.T.: 0.004 min  
Response: 25491315  
Conc: 11.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



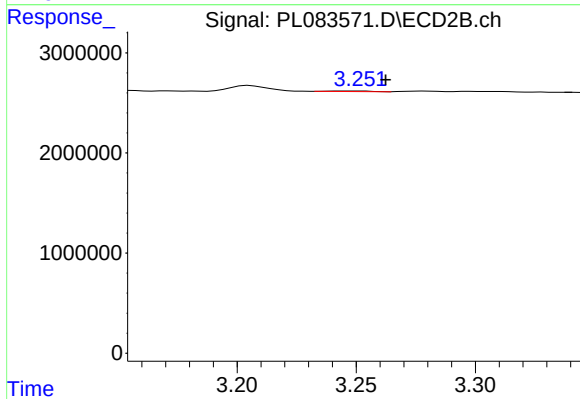
#1 Tetrachloro-m-xylene

R.T.: 2.753 min  
Delta R.T.: 0.001 min  
Response: 27099430  
Conc: 11.63 ng/ml



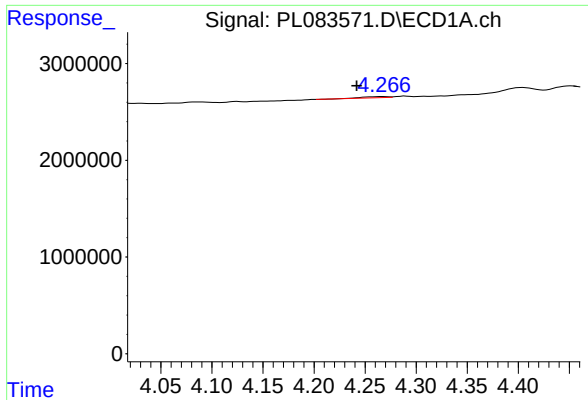
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.908 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

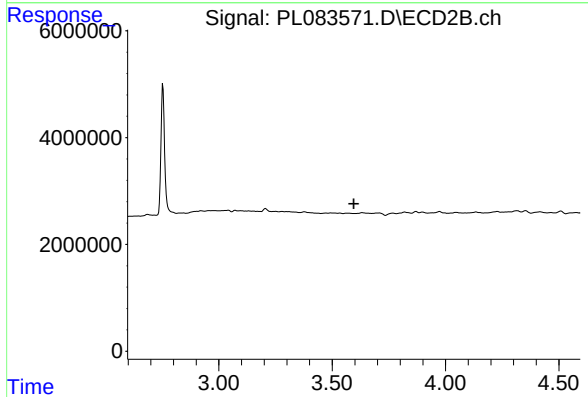
R.T.: 3.252 min  
Delta R.T.: -0.011 min  
Response: 69823  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

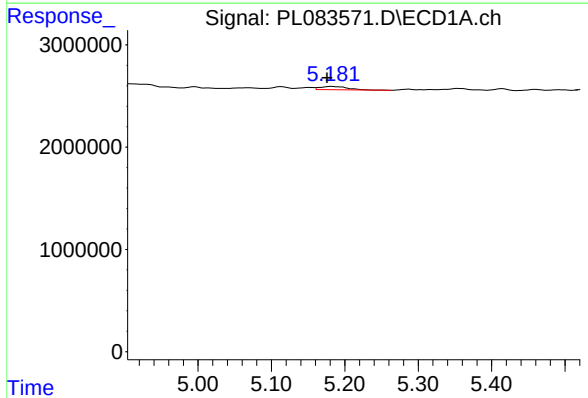
R.T.: 4.267 min  
Delta R.T.: 0.026 min  
Response: 180777  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



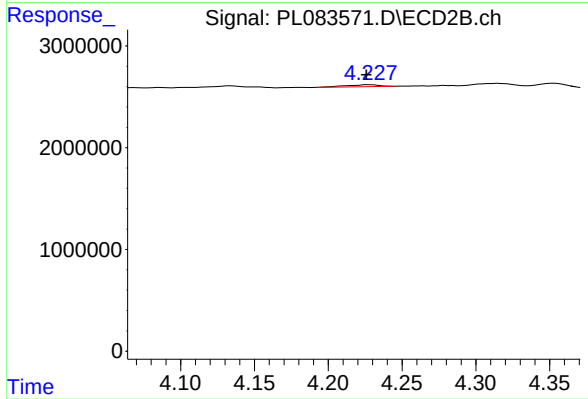
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.596 min  
Response: 0  
Conc: N.D.



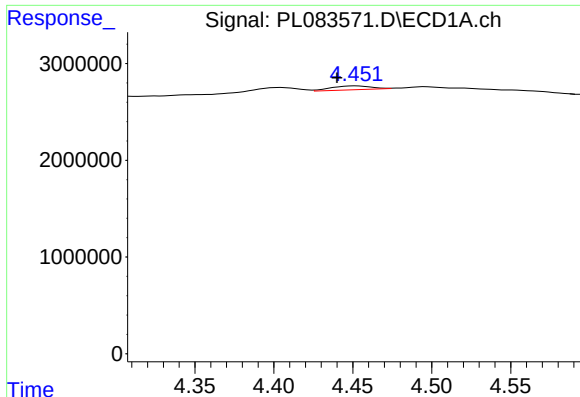
#5 Aldrin

R.T.: 5.182 min  
Delta R.T.: 0.006 min  
Response: 848960  
Conc: 0.33 ng/ml



#5 Aldrin

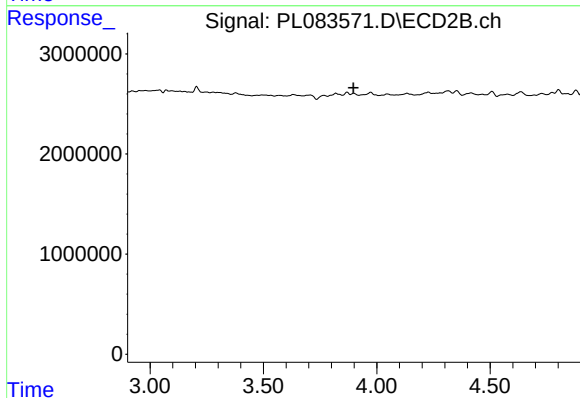
R.T.: 4.228 min  
Delta R.T.: 0.002 min  
Response: 283457  
Conc: 0.09 ng/ml



#6 beta-BHC

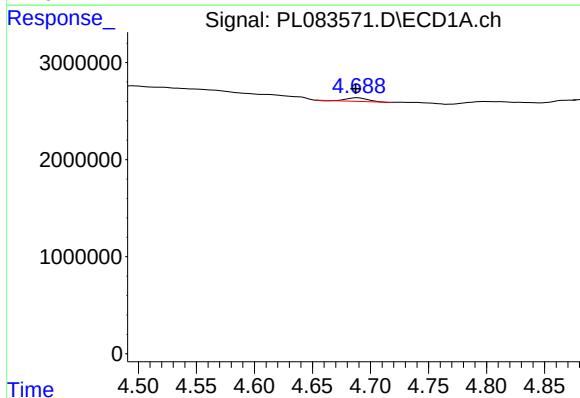
R.T.: 4.453 min  
Delta R.T.: 0.013 min  
Response: 706849  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



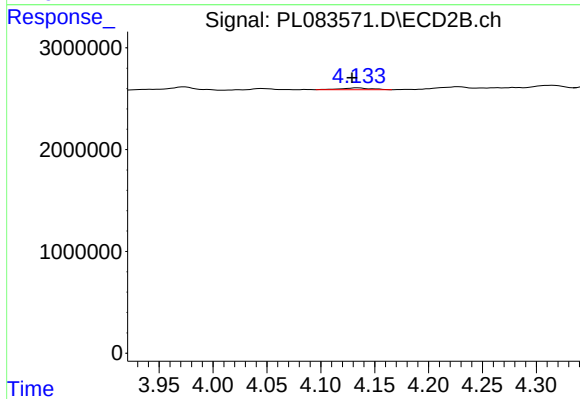
#6 beta-BHC

R.T.: 3.899 min  
Delta R.T.: 0.001 min  
Response: -65888  
Conc: N.D.



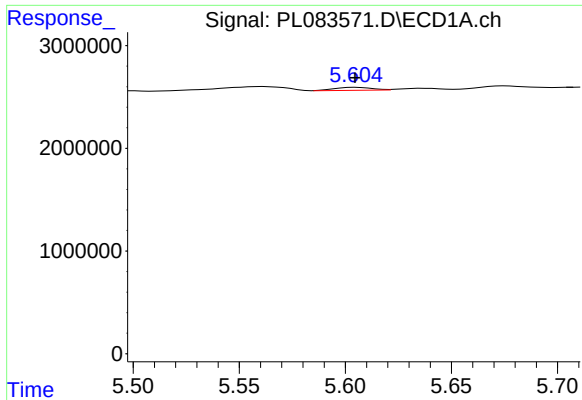
#7 delta-BHC

R.T.: 4.689 min  
Delta R.T.: 0.002 min  
Response: 481217  
Conc: 0.17 ng/ml



#7 delta-BHC

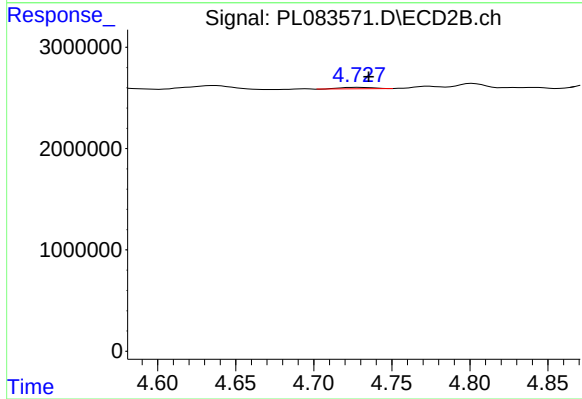
R.T.: 4.134 min  
Delta R.T.: 0.005 min  
Response: 343655  
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

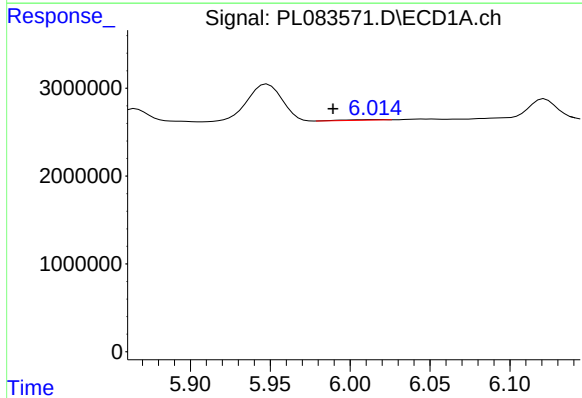
R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 347439  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



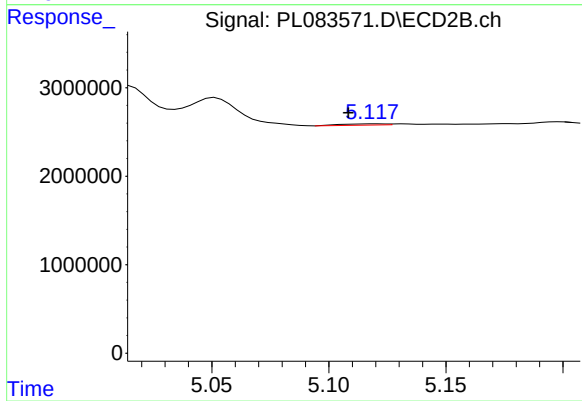
#8 Heptachlor epoxide

R.T.: 4.729 min  
Delta R.T.: -0.006 min  
Response: 220923  
Conc: 0.08 ng/ml



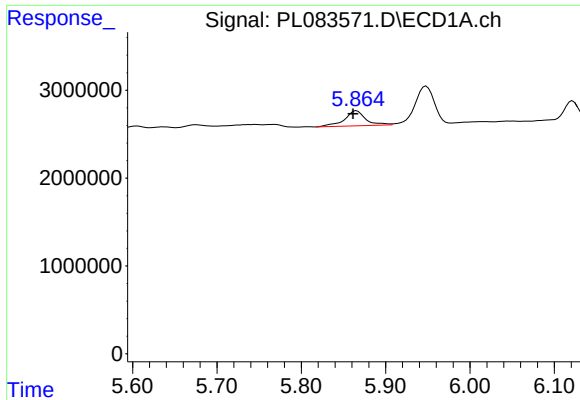
#9 Endosulfan I

R.T.: 6.017 min  
Delta R.T.: 0.028 min  
Response: 113785  
Conc: 0.05 ng/ml



#9 Endosulfan I

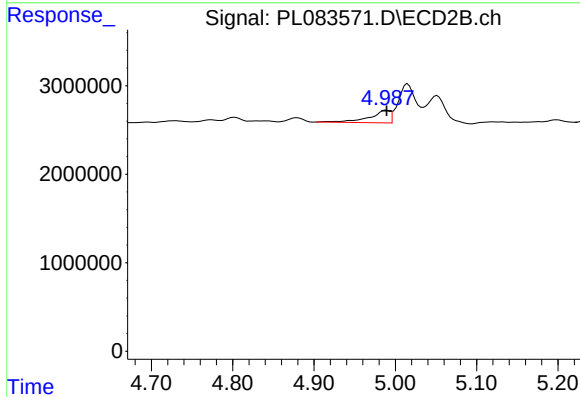
R.T.: 5.119 min  
Delta R.T.: 0.011 min  
Response: 190964  
Conc: 0.07 ng/ml



#10 gamma-Chlordane

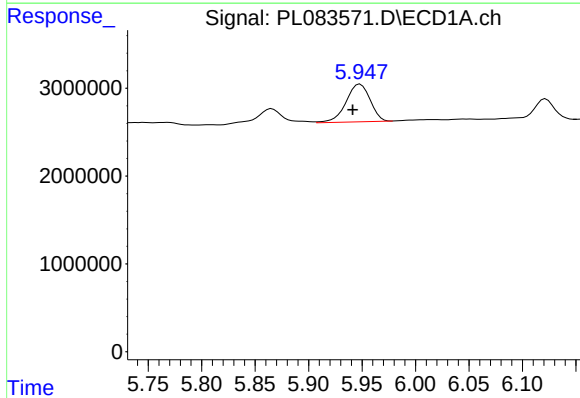
R.T.: 5.866 min  
Delta R.T.: 0.005 min  
Response: 2952501  
Conc: 1.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



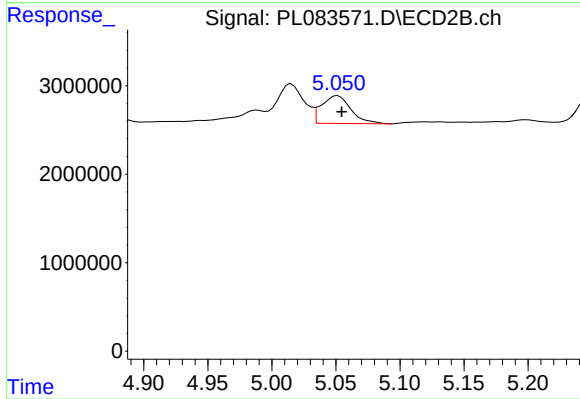
#10 gamma-Chlordane

R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 2504288  
Conc: 0.85 ng/ml



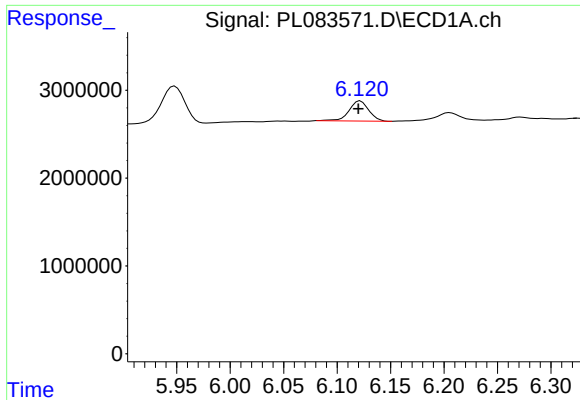
#11 alpha-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.007 min  
Response: 6731802  
Conc: 2.84 ng/ml



#11 alpha-Chlordane

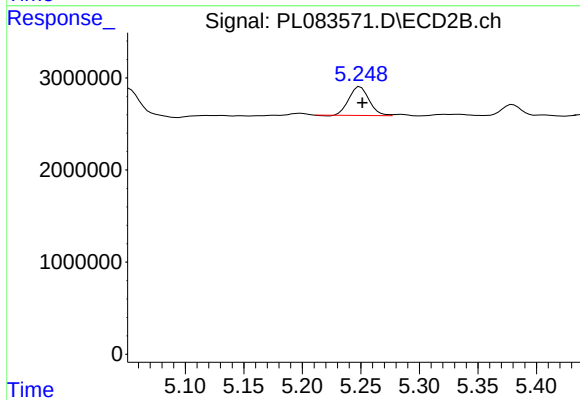
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 5008156  
Conc: 1.69 ng/ml



#12 4,4'-DDE

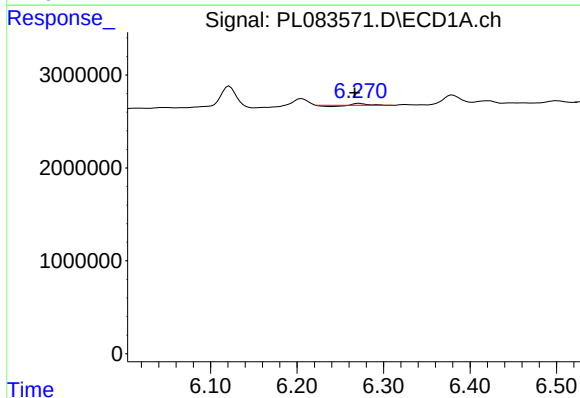
R.T.: 6.122 min  
Delta R.T.: 0.002 min  
Response: 2938630  
Conc: 1.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



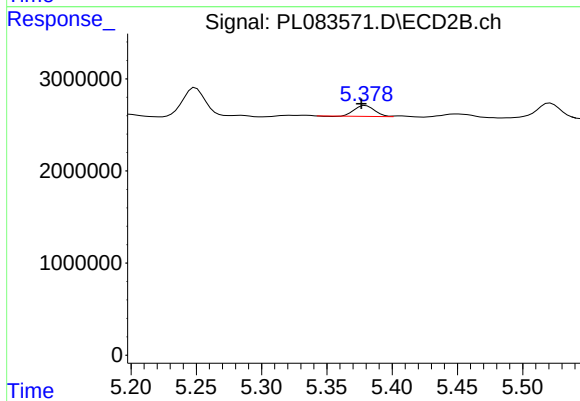
#12 4,4'-DDE

R.T.: 5.249 min  
Delta R.T.: -0.002 min  
Response: 3722296  
Conc: 1.46 ng/ml



#13 Dieldrin

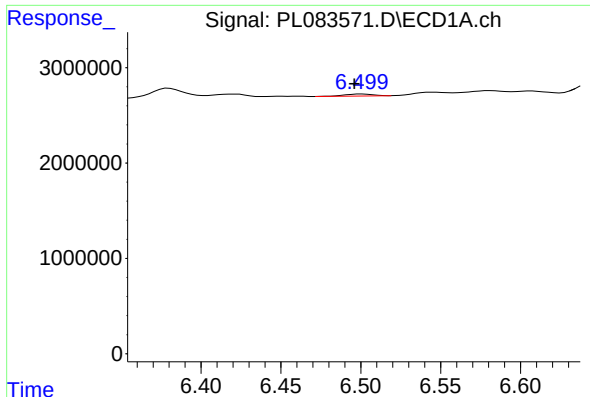
R.T.: 6.272 min  
Delta R.T.: 0.005 min  
Response: 72174  
Conc: 0.03 ng/ml



#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: 0.003 min  
Response: 1264647  
Conc: 0.45 ng/ml

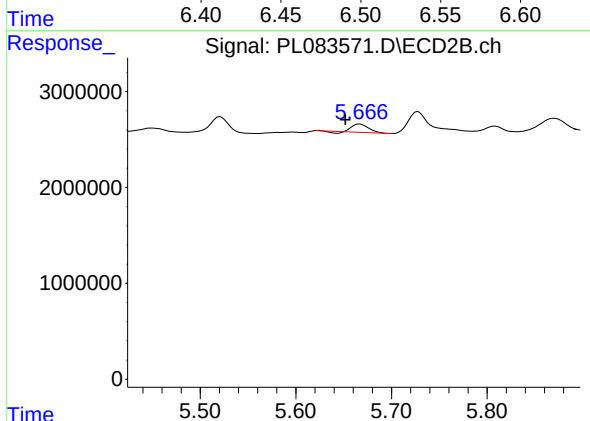




#14 Endrin

R.T.: 6.501 min  
Delta R.T.: 0.005 min  
Response: 248834  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :

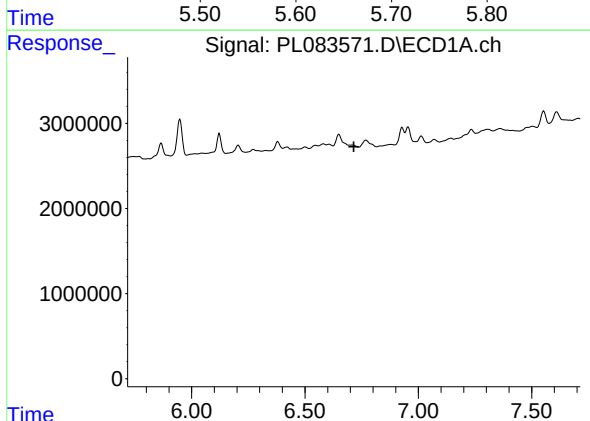


#14 Endrin

R.T.: 5.667 min  
Delta R.T.: 0.015 min  
Response: 890341  
Conc: 0.39 ng/ml

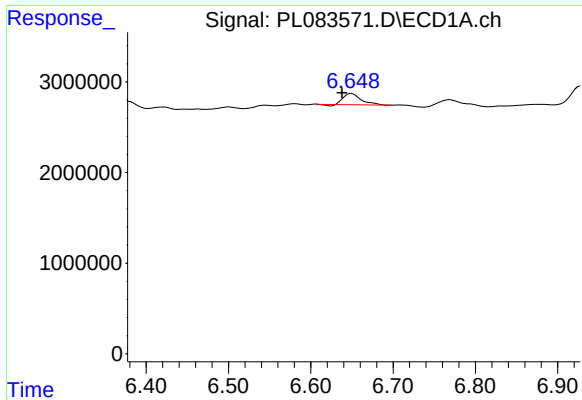
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.716 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

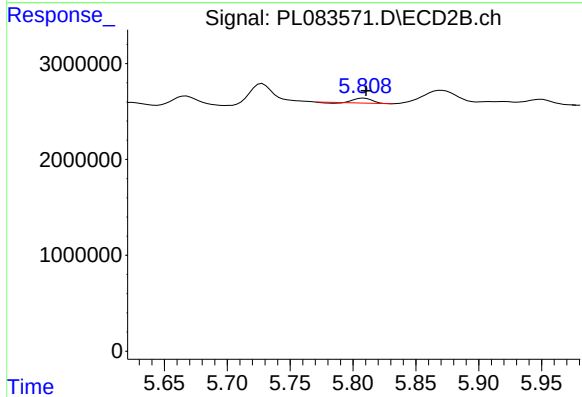
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 646081  
Conc: 0.27 ng/ml



#16 4,4'-DDD

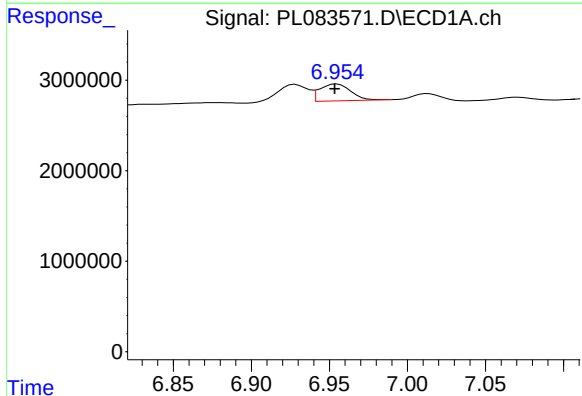
R.T.: 6.649 min  
Delta R.T.: 0.011 min  
Response: 1794048  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



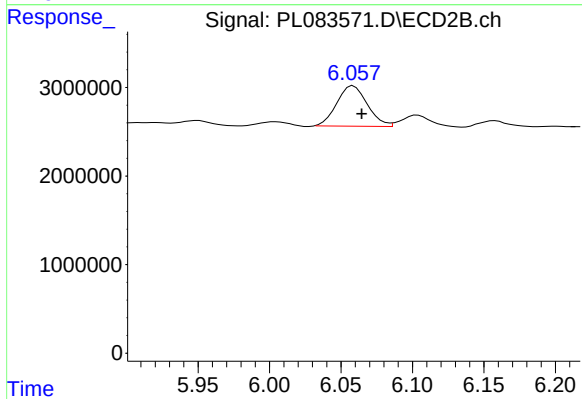
#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 442541  
Conc: 0.20 ng/ml



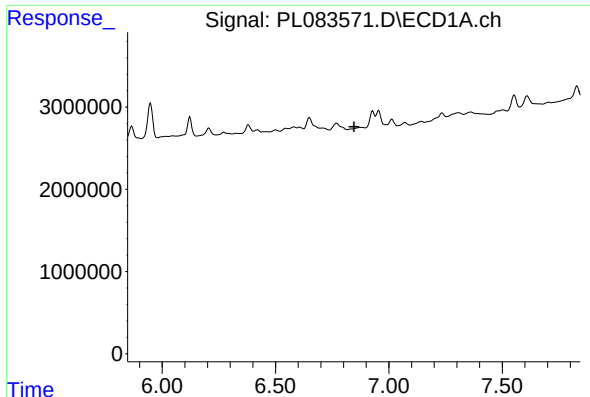
#17 4,4'-DDT

R.T.: 6.955 min  
Delta R.T.: 0.001 min  
Response: 2589720  
Conc: 1.54 ng/ml



#17 4,4'-DDT

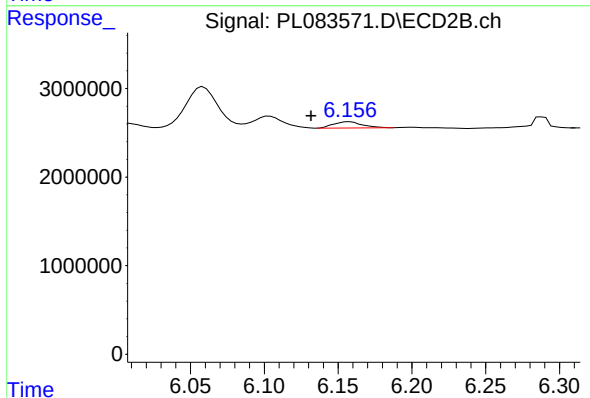
R.T.: 6.059 min  
Delta R.T.: -0.006 min  
Response: 6770114  
Conc: 3.24 ng/ml



#18 Endrin aldehyde

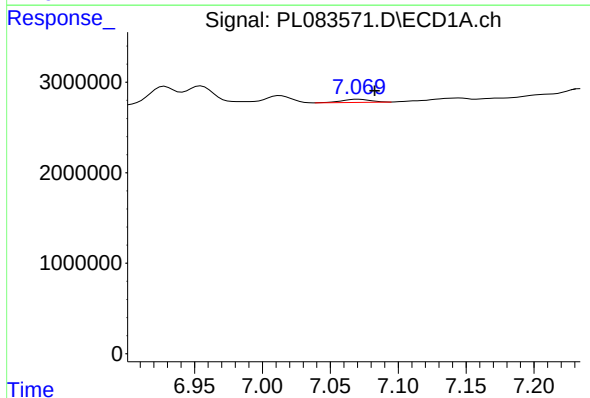
R.T.: 0.000 min  
Exp R.T.: 6.847 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



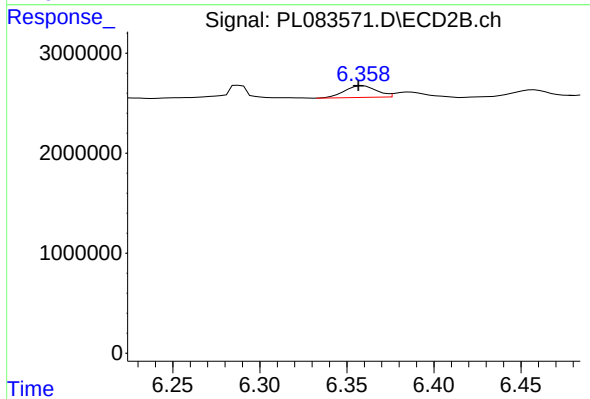
#18 Endrin aldehyde

R.T.: 6.158 min  
Delta R.T.: 0.026 min  
Response: 942778  
Conc: 0.50 ng/ml



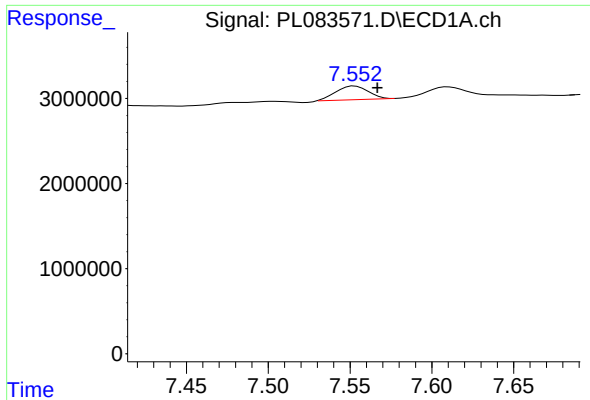
#19 Endosulfan Sulfate

R.T.: 7.071 min  
Delta R.T.: -0.012 min  
Response: 491480  
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

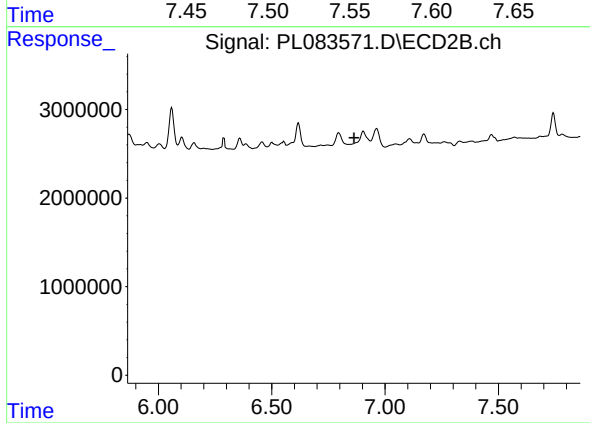
R.T.: 6.359 min  
Delta R.T.: 0.003 min  
Response: 1499113  
Conc: 0.62 ng/ml



#21 Endrin ketone

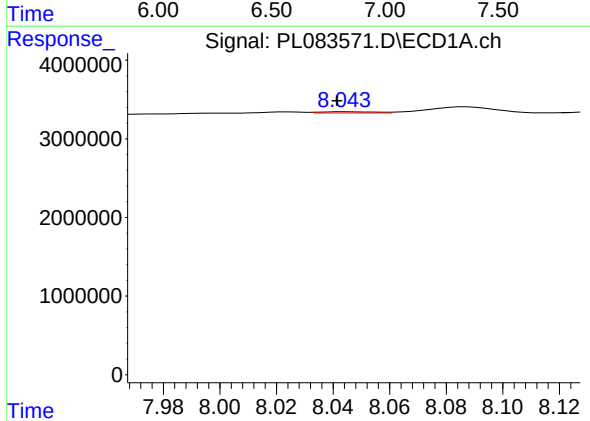
R.T.: 7.553 min  
Delta R.T.: -0.014 min  
Response: 2219983  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



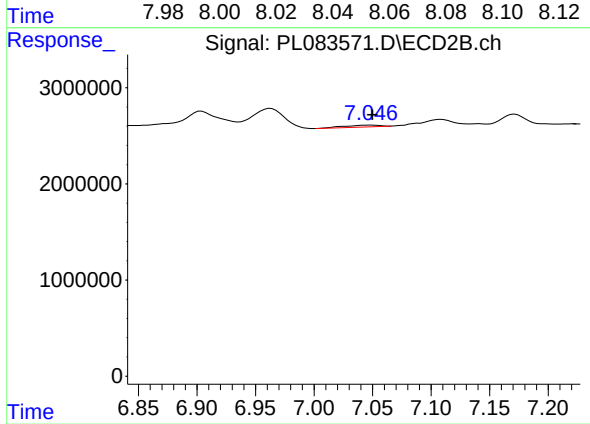
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.863 min  
Response: 0  
Conc: N.D.



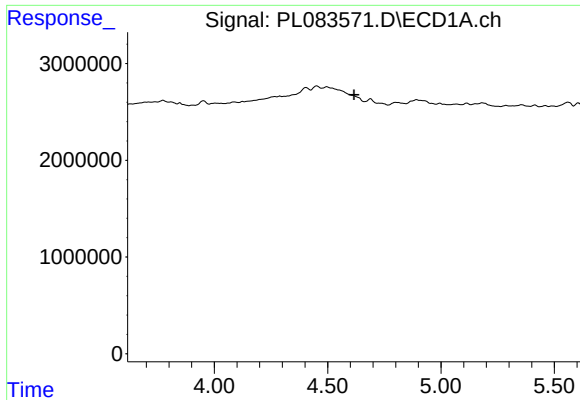
#22 Mirex

R.T.: 8.045 min  
Delta R.T.: 0.003 min  
Response: 221305  
Conc: 0.12 ng/ml



#22 Mirex

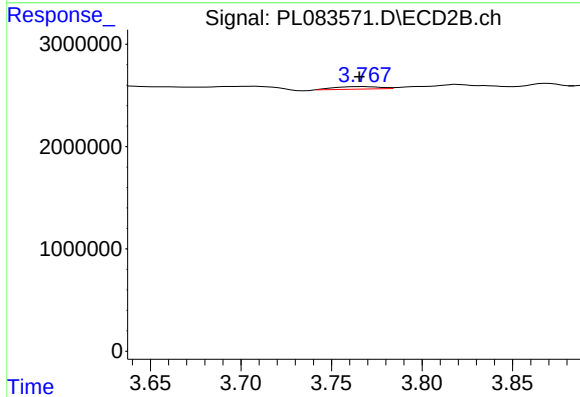
R.T.: 7.048 min  
Delta R.T.: -0.002 min  
Response: 386386  
Conc: 0.16 ng/ml



#23 Chlordane-1

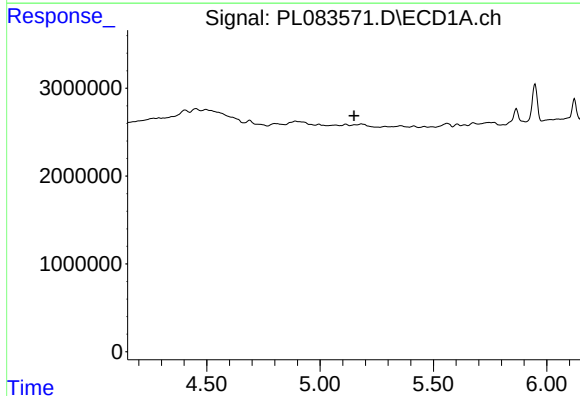
R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



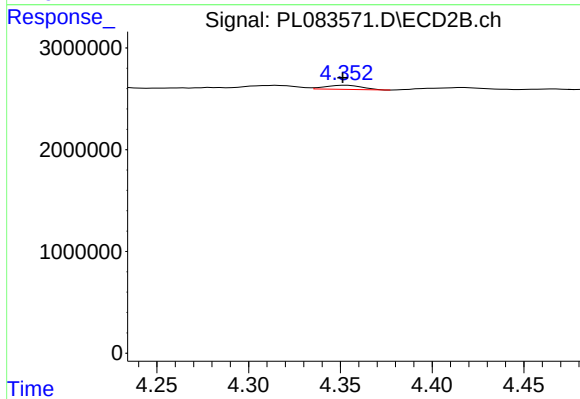
#23 Chlordane-1

R.T.: 3.769 min  
Delta R.T.: 0.003 min  
Response: 433029  
Conc: 4.42 ng/ml



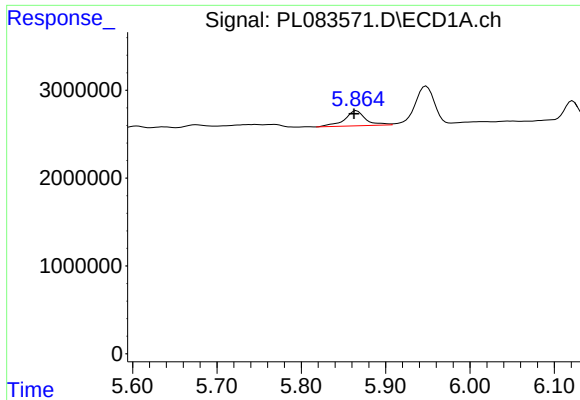
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.150 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

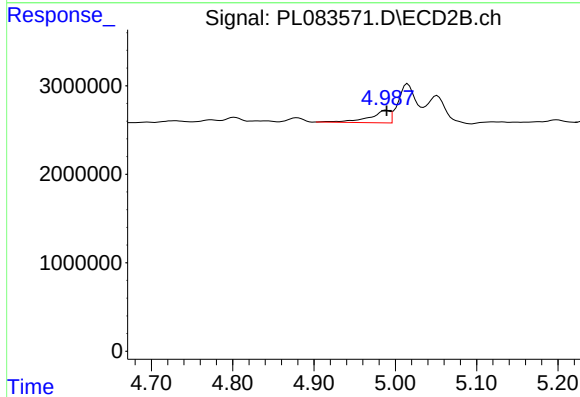
R.T.: 4.353 min  
Delta R.T.: 0.002 min  
Response: 567677  
Conc: 4.72 ng/ml



#25 Chlordane-3

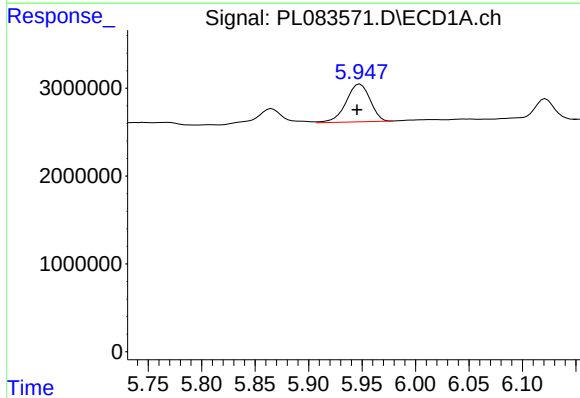
R.T.: 5.866 min  
Delta R.T.: 0.003 min  
Response: 2952501  
Conc: 7.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



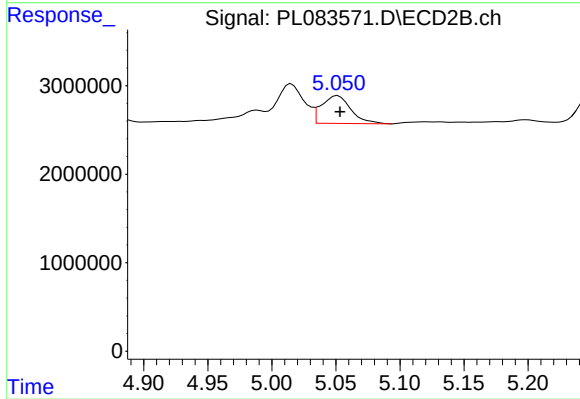
#25 Chlordane-3

R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 2504288  
Conc: 7.64 ng/ml



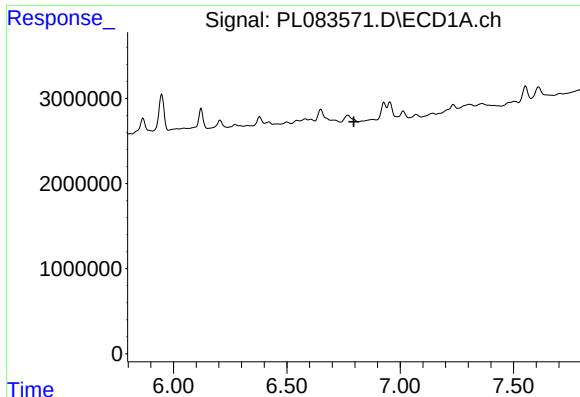
#26 Chlordane-4

R.T.: 5.948 min  
Delta R.T.: 0.003 min  
Response: 6731802  
Conc: 14.56 ng/ml



#26 Chlordane-4

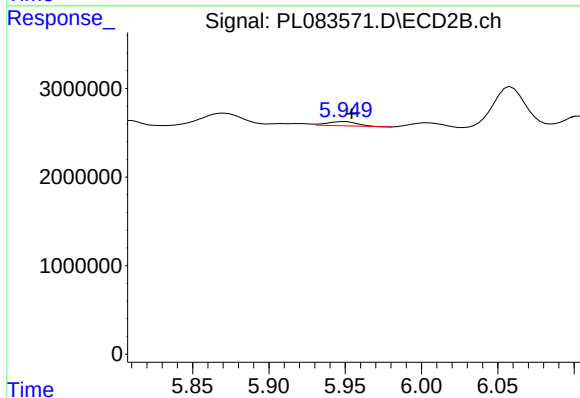
R.T.: 5.052 min  
Delta R.T.: -0.002 min  
Response: 5008156  
Conc: 14.86 ng/ml



#27 Chlordane-5

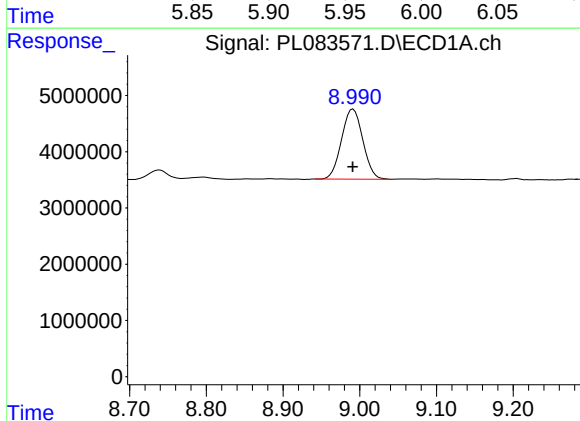
R.T.: 0.000 min  
Exp R.T.: 6.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



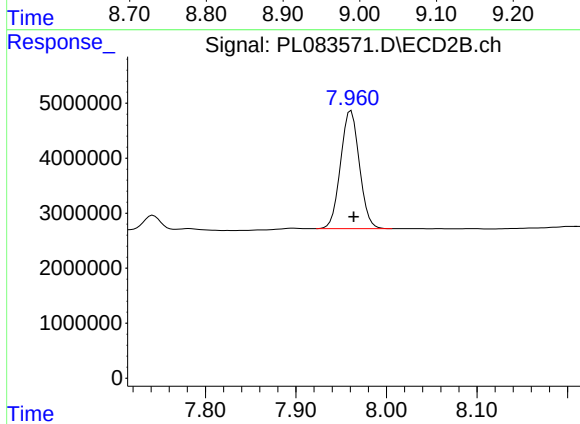
#27 Chlordane-5

R.T.: 5.950 min  
Delta R.T.: -0.004 min  
Response: 646081  
Conc: 5.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.000 min  
Response: 24126923  
Conc: 12.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.961 min  
Delta R.T.: -0.003 min  
Response: 30965454  
Conc: 12.61 ng/ml