

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071423\  
 Data File : PL083901.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2023 08:48  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 15:41:10 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... | 0.000  | 2.691  | 0       | 197292  | N.D.  | 0.178 # |
| 28)                         | SA Decachlor... | 9.030  | 0.000  | 575678  | 0       | 0.442 | N.D. #  |
| Target Compounds            |                 |        |        |         |         |       |         |
| 2)                          | A alpha-BHC     | 3.943  | 3.194  | 941877  | 292732  | 0.321 | 0.182 # |
| 3)                          | MA gamma-BHC... | 4.275  | 3.524  | 1151469 | 276044  | 0.408 | 0.182 # |
| 4)                          | MA Heptachlor   | 4.868  | 3.867  | 1819904 | 250087  | 0.670 | 0.212 # |
| 5)                          | MB Aldrin       | 5.213  | 4.147  | 540806  | 361788  | 0.189 | 0.240 # |
| 6)                          | B beta-BHC      | 4.451  | 3.829  | 102999  | 235516  | 0.086 | 0.357 # |
| 7)                          | B delta-BHC     | 4.723  | 4.056  | 1587984 | 448467  | 0.596 | 0.296 # |
| 8)                          | B Heptachlo...  | 5.640  | 4.652  | 6530647 | 303633  | 2.446 | 0.236 # |
| 9)                          | A Endosulfan I  | 6.031f | 5.021  | 1071455 | 1954259 | 0.452 | 1.593 # |
| 10)                         | B gamma-Chl...  | 5.898  | 4.907  | 1215796 | 1382545 | 0.471 | 1.038 # |
| 11)                         | B alpha-Chl...  | 5.980f | 4.972  | 939465  | 1777083 | 0.370 | 1.319 # |
| 12)                         | B 4,4'-DDE      | 6.162f | 5.169  | 1403540 | 86003   | 0.698 | 0.070 # |
| 13)                         | MA Dieldrin     | 6.298  | 5.297  | 886551  | 412392  | 0.371 | 0.317   |
| 14)                         | MA Endrin       | 6.535  | 5.589f | 196018  | 1980822 | 0.103 | 1.802 # |
| 15)                         | B Endosulfa...  | 6.725  | 5.871  | 2537409 | 196583  | 1.354 | 0.171 # |
| 16)                         | A 4,4'-DDD      | 6.652  | 5.726  | 4921892 | 150563  | 3.352 | 0.157 # |
| 17)                         | MA 4,4'-DDT     | 6.993  | 5.980  | 474238  | 163120  | 0.297 | 0.179 # |
| 18)                         | B Endrin al...  | 6.887f | 6.046  | 297795  | 103489  | 0.203 | 0.115 # |
| 19)                         | B Endosulfa...  | 7.119  | 6.271  | 688289  | 335300  | 0.398 | 0.305   |
| 20)                         | A Methoxychlor  | 7.477f | 6.569  | -99046  | 135310  | N.D.  | 0.282   |
| 21)                         | B Endrin ke...  | 7.610f | 6.773  | 1104065 | -756806 | 0.630 | N.D. #  |
| 22)                         | Mirex           | 0.000  | 6.955  | 0       | 351815  | N.D.  | 0.345 # |
| 23)                         | Chlordane-1     | 4.654  | 3.712f | -67770  | 217582  | N.D.  | 0.551   |
| 25)                         | Chlordane-3     | 5.898  | 4.907  | 1215796 | 1382545 | 0.346 | 1.008 # |
| 26)                         | Chlordane-4     | 5.980  | 4.972  | 939465  | 1777083 | 0.230 | 1.240 # |
| 27)                         | Chlordane-5     | 0.000  | 5.871  | 0       | 196583  | N.D.  | 0.428 # |
| -----                       |                 |        |        |         |         |       |         |

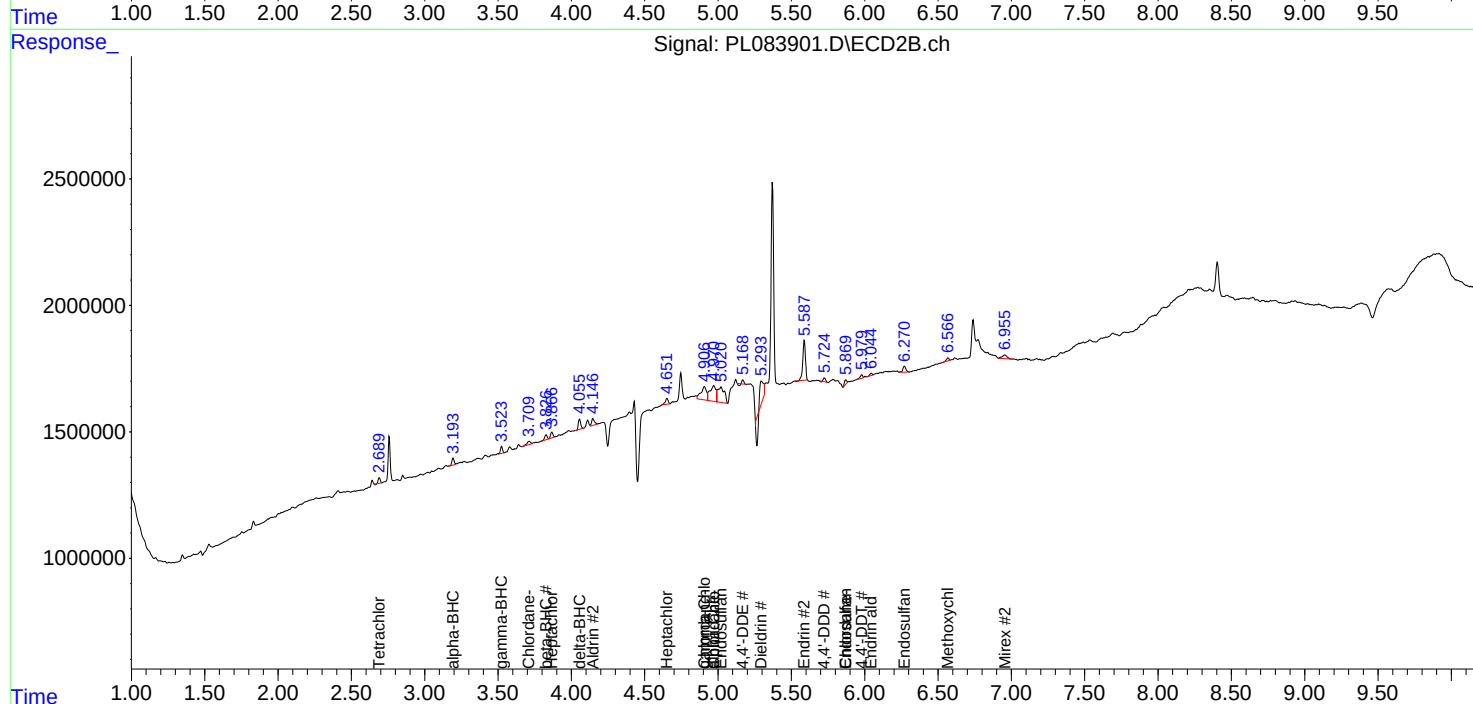
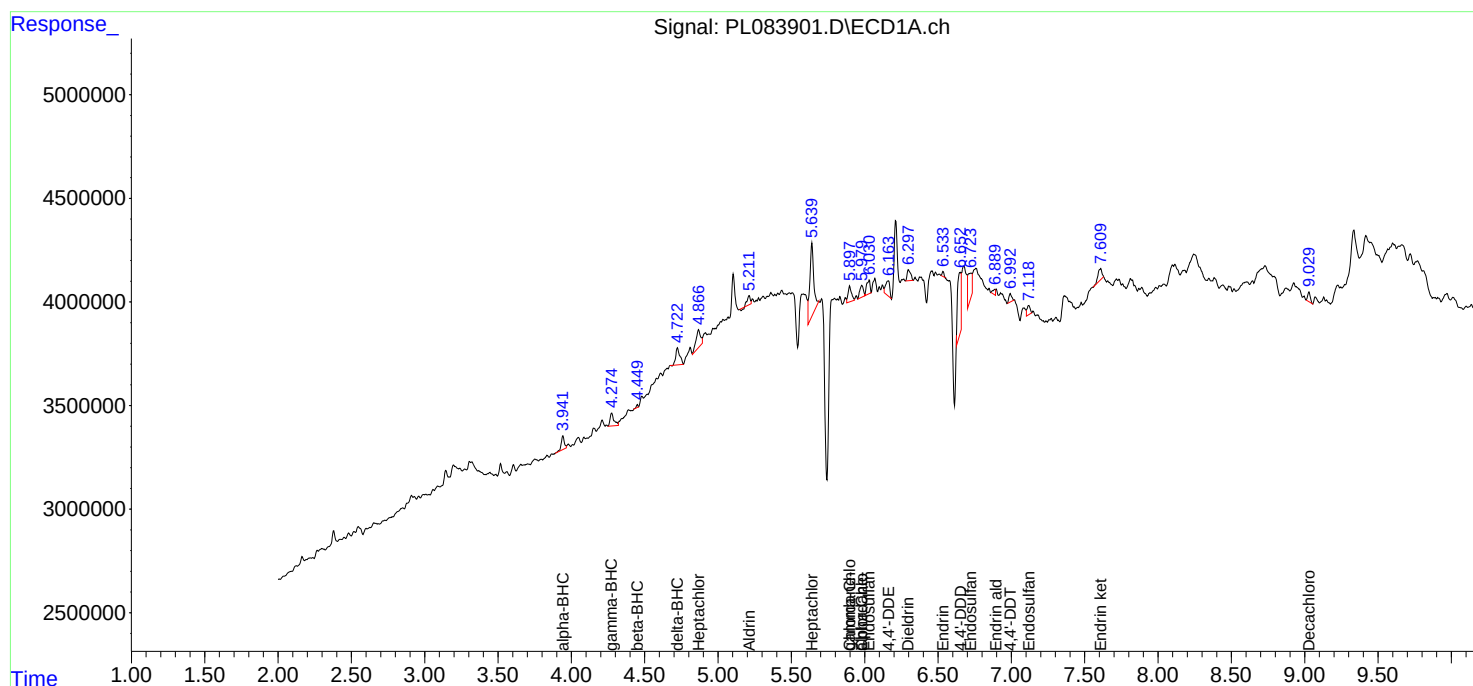
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

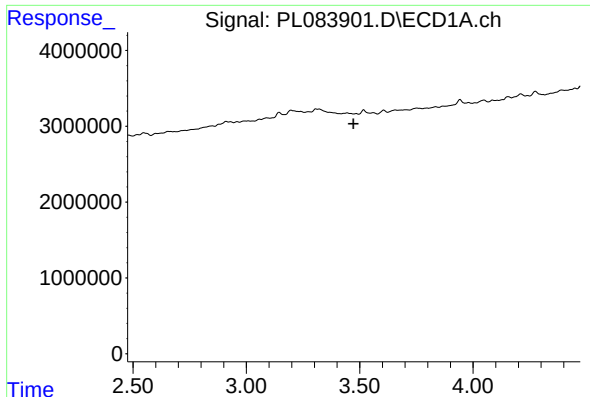
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071423\  
Data File : PL083901.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jul 2023 08:48  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 14 15:41:10 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

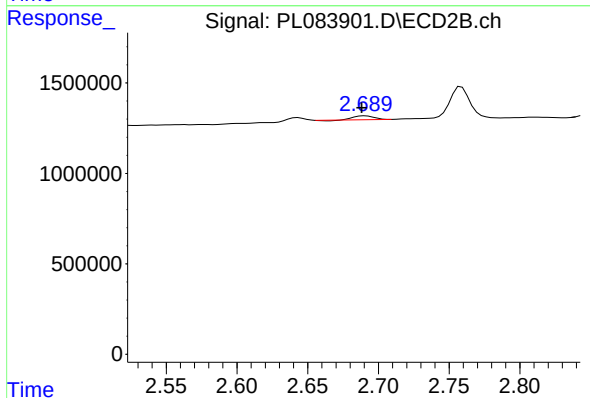




#1 Tetrachloro-m-xylene

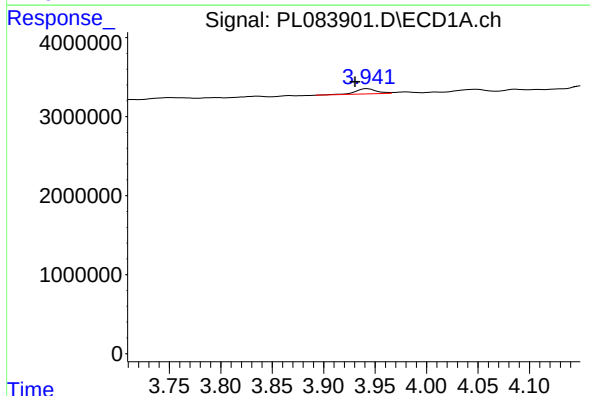
R.T.: 0.000 min  
Exp R.T.: 3.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



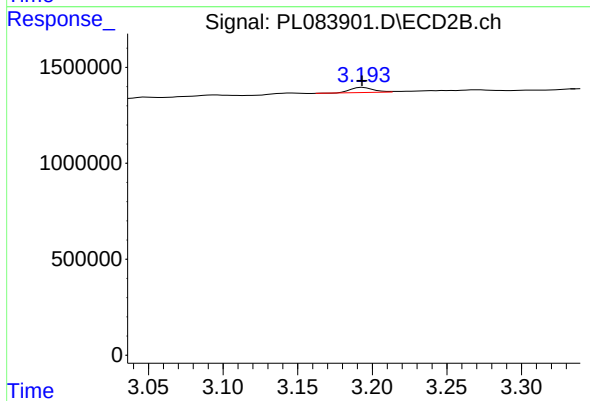
#1 Tetrachloro-m-xylene

R.T.: 2.691 min  
Delta R.T.: 0.002 min  
Response: 197292  
Conc: 0.18 ng/ml



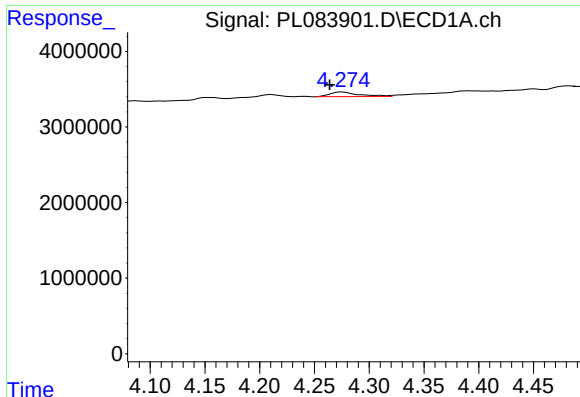
#2 alpha-BHC

R.T.: 3.943 min  
Delta R.T.: 0.012 min  
Response: 941877  
Conc: 0.32 ng/ml



#2 alpha-BHC

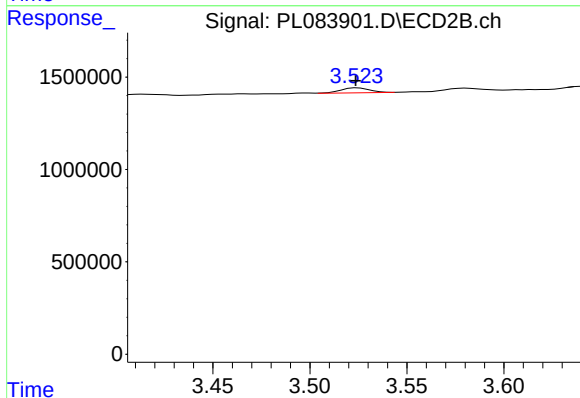
R.T.: 3.194 min  
Delta R.T.: 0.000 min  
Response: 292732  
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

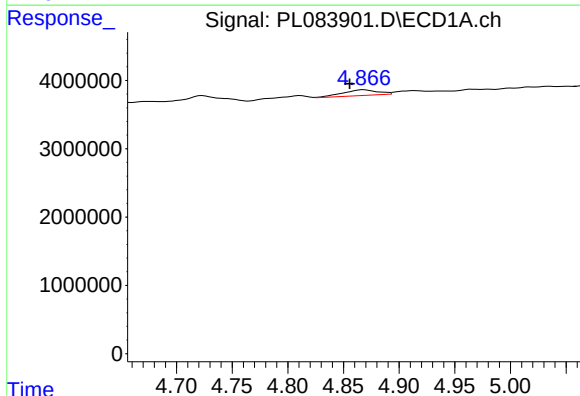
R.T.: 4.275 min  
Delta R.T.: 0.011 min  
Response: 1151469  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



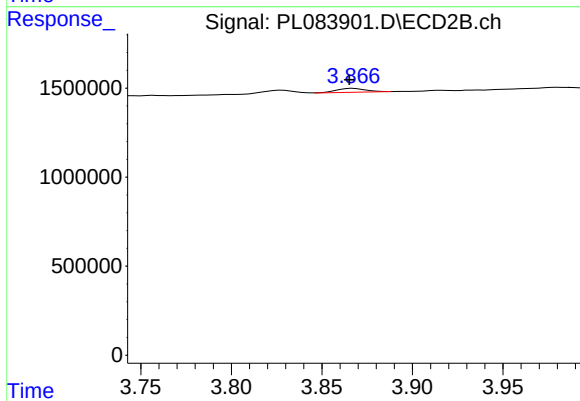
#3 gamma-BHC (Lindane)

R.T.: 3.524 min  
Delta R.T.: 0.000 min  
Response: 276044  
Conc: 0.18 ng/ml



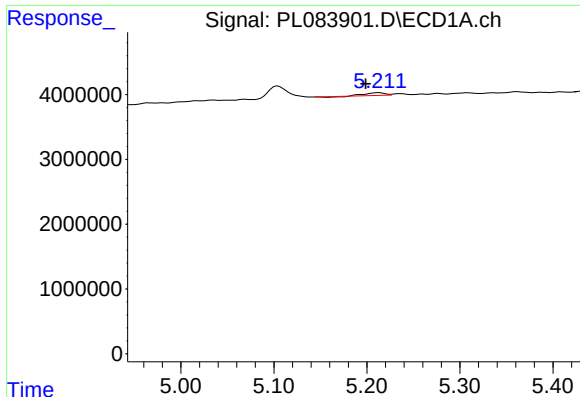
#4 Heptachlor

R.T.: 4.868 min  
Delta R.T.: 0.012 min  
Response: 1819904  
Conc: 0.67 ng/ml



#4 Heptachlor

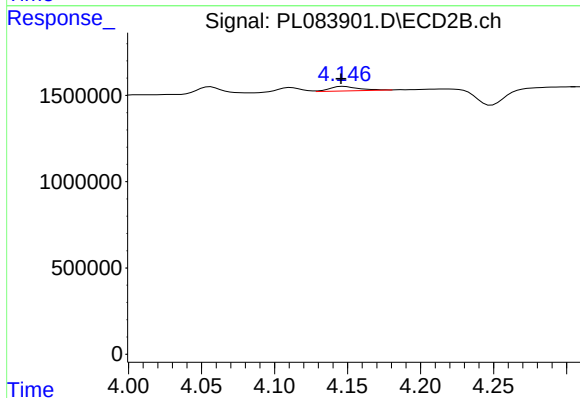
R.T.: 3.867 min  
Delta R.T.: 0.002 min  
Response: 250087  
Conc: 0.21 ng/ml



#5 Aldrin

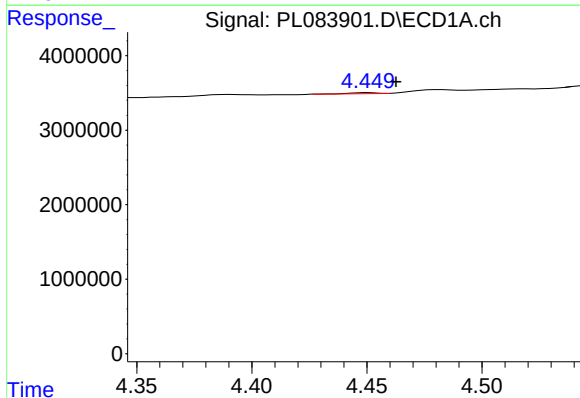
R.T.: 5.213 min  
Delta R.T.: 0.014 min  
Response: 540806  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



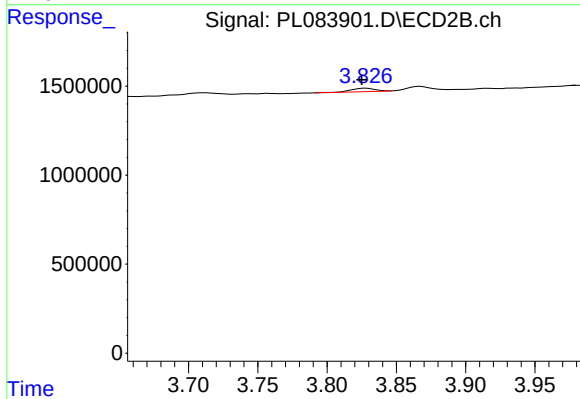
#5 Aldrin

R.T.: 4.147 min  
Delta R.T.: 0.002 min  
Response: 361788  
Conc: 0.24 ng/ml



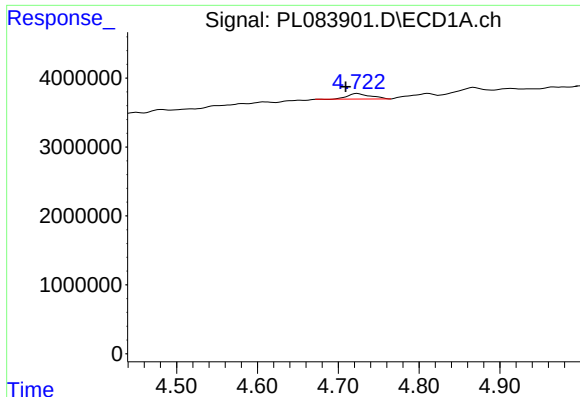
#6 beta-BHC

R.T.: 4.451 min  
Delta R.T.: -0.012 min  
Response: 102999  
Conc: 0.09 ng/ml



#6 beta-BHC

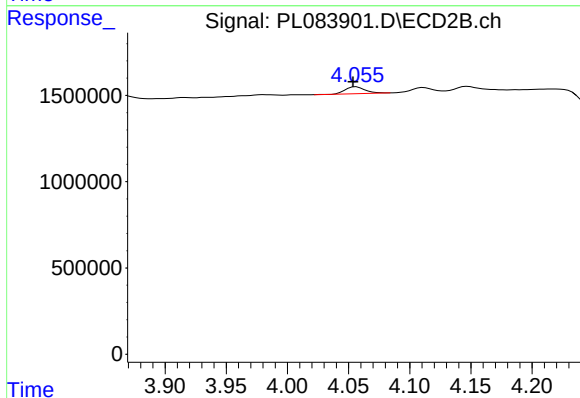
R.T.: 3.829 min  
Delta R.T.: 0.004 min  
Response: 235516  
Conc: 0.36 ng/ml



#7 delta-BHC

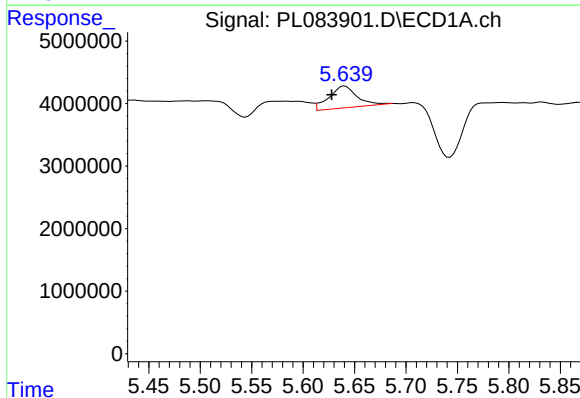
R.T.: 4.723 min  
Delta R.T.: 0.014 min  
Response: 1587984  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



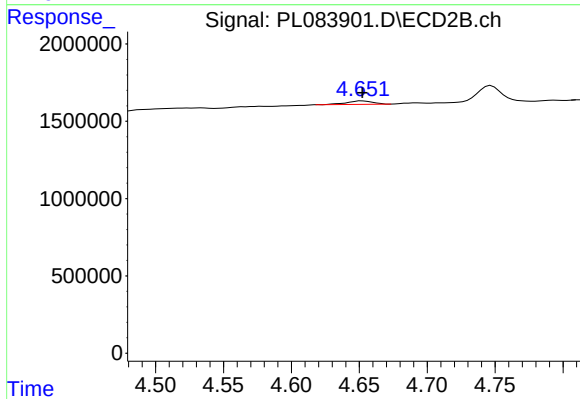
#7 delta-BHC

R.T.: 4.056 min  
Delta R.T.: 0.003 min  
Response: 448467  
Conc: 0.30 ng/ml



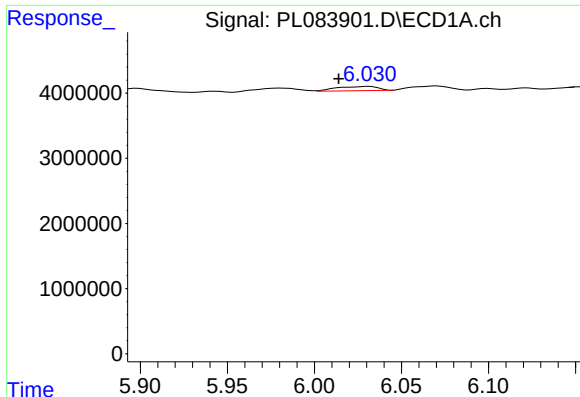
#8 Heptachlor epoxide

R.T.: 5.640 min  
Delta R.T.: 0.013 min  
Response: 6530647  
Conc: 2.45 ng/ml



#8 Heptachlor epoxide

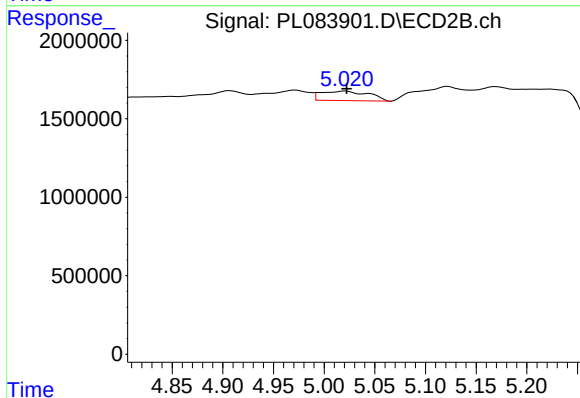
R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 303633  
Conc: 0.24 ng/ml



#9 Endosulfan I

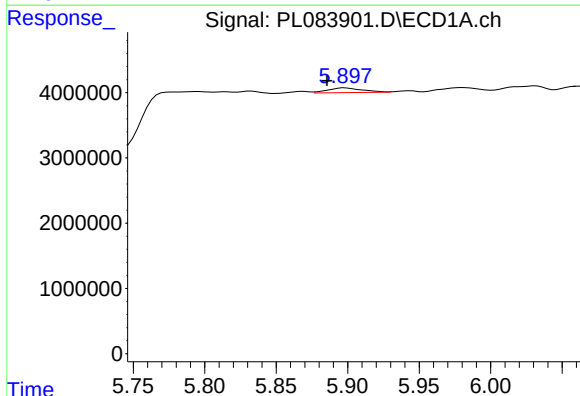
R.T.: 6.031 min  
Delta R.T.: 0.018 min  
Response: 1071455  
Conc: 0.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



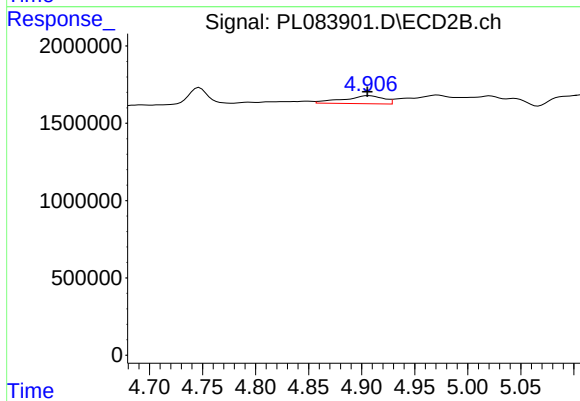
#9 Endosulfan I

R.T.: 5.021 min  
Delta R.T.: -0.001 min  
Response: 1954259  
Conc: 1.59 ng/ml



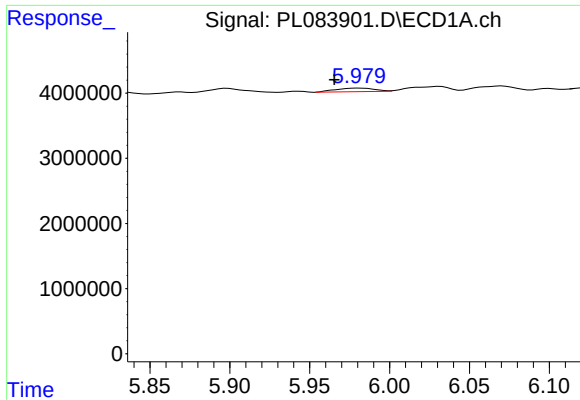
#10 gamma-Chlordane

R.T.: 5.898 min  
Delta R.T.: 0.013 min  
Response: 1215796  
Conc: 0.47 ng/ml



#10 gamma-Chlordane

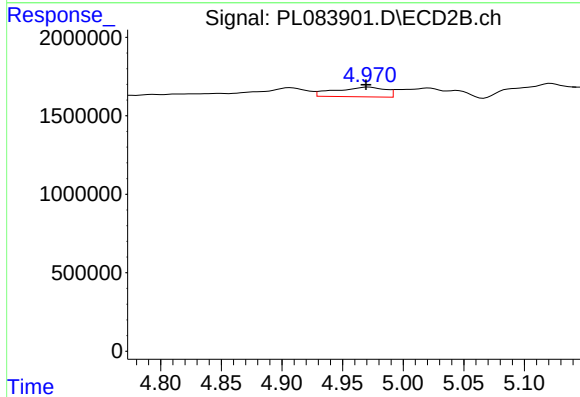
R.T.: 4.907 min  
Delta R.T.: 0.002 min  
Response: 1382545  
Conc: 1.04 ng/ml



#11 alpha-Chlordane

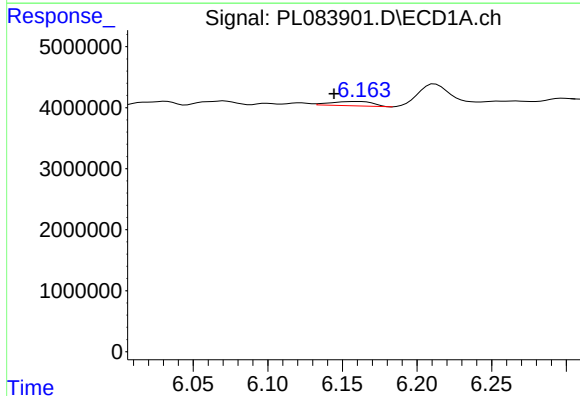
R.T.: 5.980 min  
Delta R.T.: 0.015 min  
Response: 939465  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



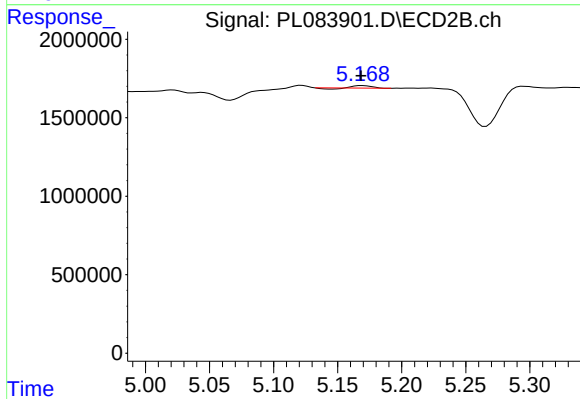
#11 alpha-Chlordane

R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 1777083  
Conc: 1.32 ng/ml



#12 4,4'-DDE

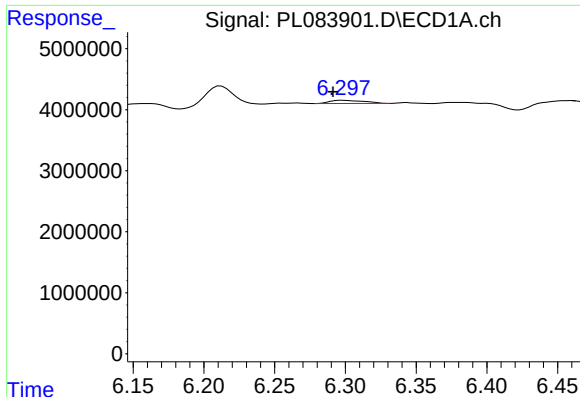
R.T.: 6.162 min  
Delta R.T.: 0.018 min  
Response: 1403540  
Conc: 0.70 ng/ml



#12 4,4'-DDE

R.T.: 5.169 min  
Delta R.T.: 0.001 min  
Response: 86003  
Conc: 0.07 ng/ml

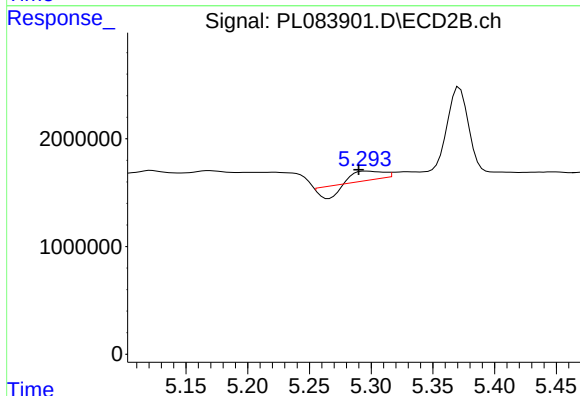




#13 Dieldrin

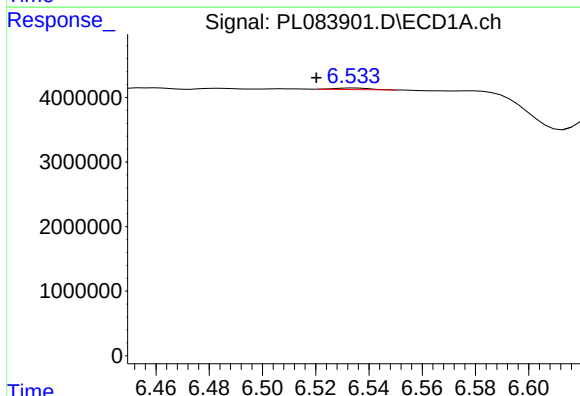
R.T.: 6.298 min  
Delta R.T.: 0.007 min  
Response: 886551  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



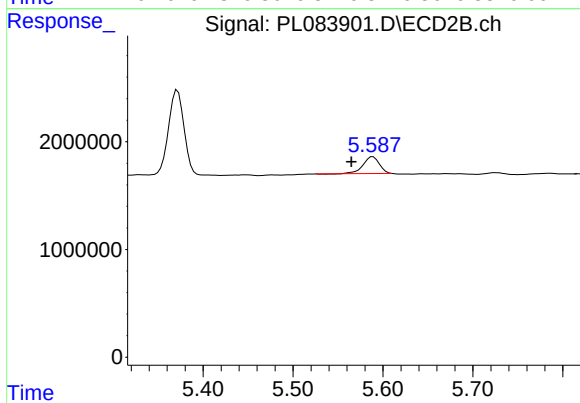
#13 Dieldrin

R.T.: 5.297 min  
Delta R.T.: 0.007 min  
Response: 412392  
Conc: 0.32 ng/ml



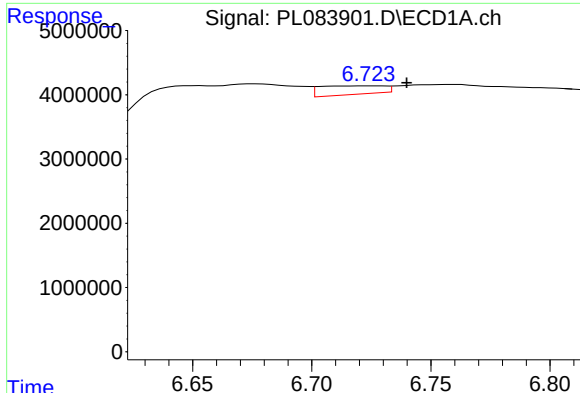
#14 Endrin

R.T.: 6.535 min  
Delta R.T.: 0.014 min  
Response: 196018  
Conc: 0.10 ng/ml



#14 Endrin

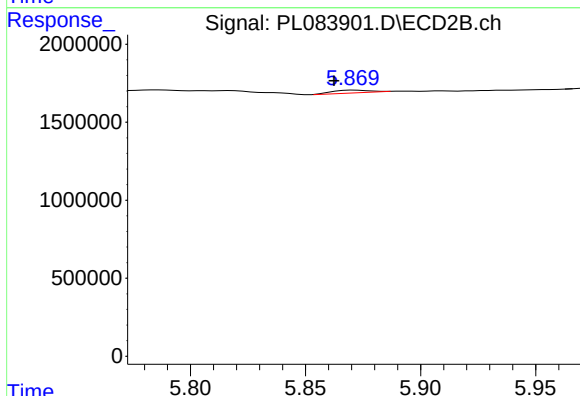
R.T.: 5.589 min  
Delta R.T.: 0.024 min  
Response: 1980822  
Conc: 1.80 ng/ml



#15 Endosulfan II

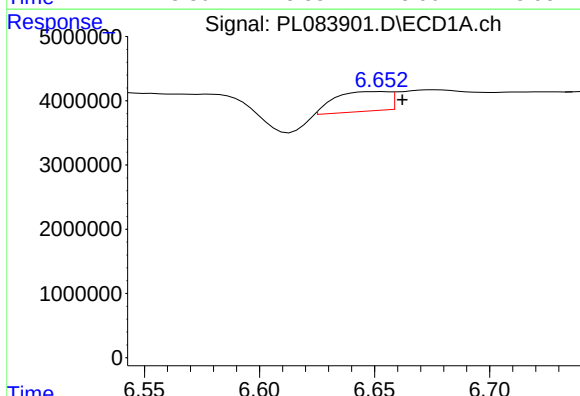
R.T.: 6.725 min  
Delta R.T.: -0.015 min  
Response: 2537409  
Conc: 1.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



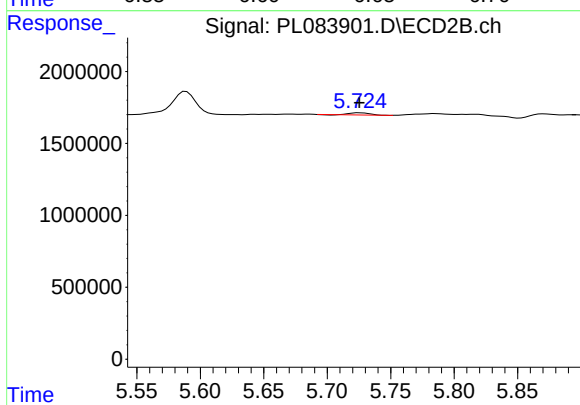
#15 Endosulfan II

R.T.: 5.871 min  
Delta R.T.: 0.009 min  
Response: 196583  
Conc: 0.17 ng/ml



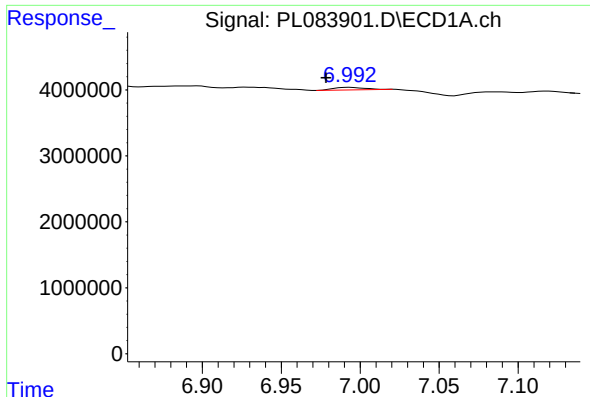
#16 4,4'-DDD

R.T.: 6.652 min  
Delta R.T.: -0.010 min  
Response: 4921892  
Conc: 3.35 ng/ml



#16 4,4'-DDD

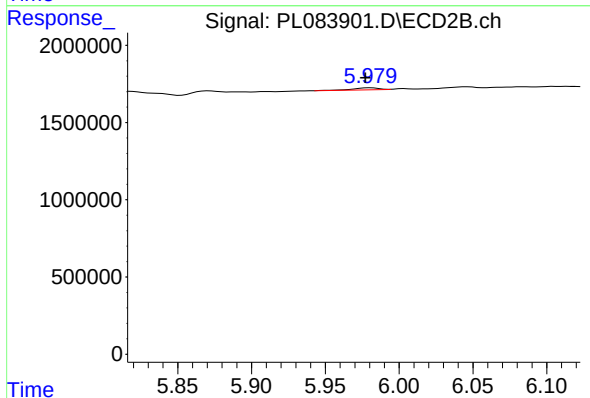
R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 150563  
Conc: 0.16 ng/ml



#17 4,4'-DDT

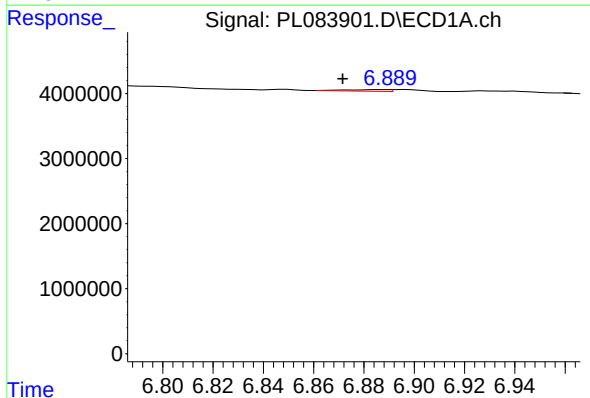
R.T.: 6.993 min  
Delta R.T.: 0.015 min  
Response: 474238  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



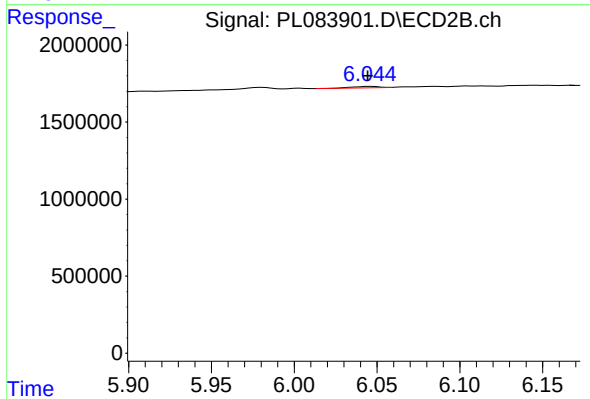
#17 4,4'-DDT

R.T.: 5.980 min  
Delta R.T.: 0.003 min  
Response: 163120  
Conc: 0.18 ng/ml



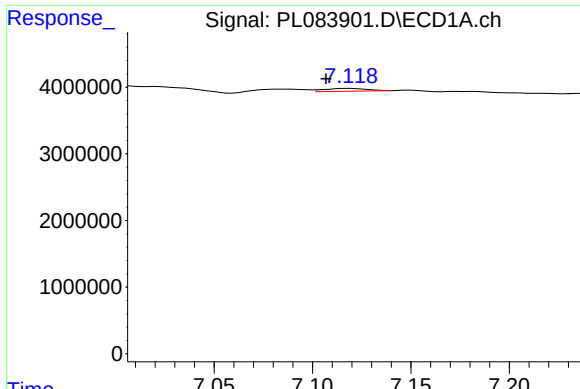
#18 Endrin aldehyde

R.T.: 6.887 min  
Delta R.T.: 0.016 min  
Response: 297795  
Conc: 0.20 ng/ml



#18 Endrin aldehyde

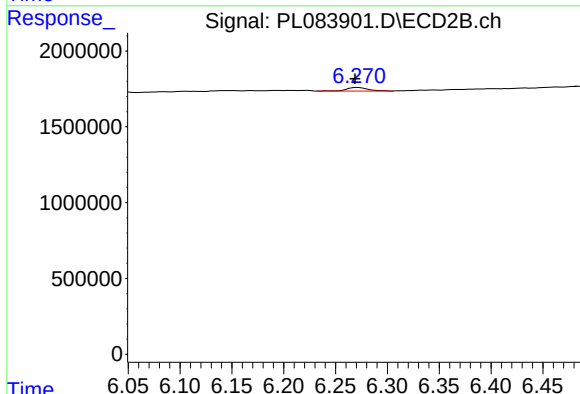
R.T.: 6.046 min  
Delta R.T.: 0.002 min  
Response: 103489  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

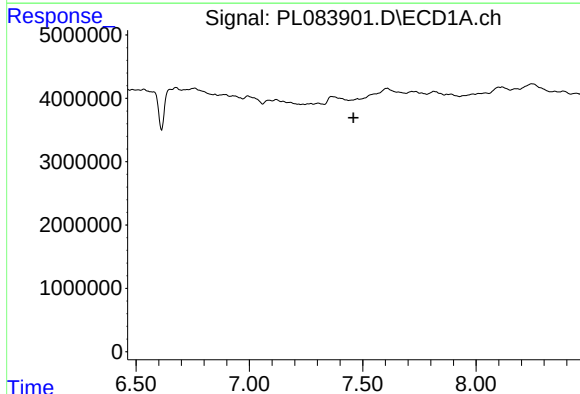
R.T.: 7.119 min  
Delta R.T.: 0.013 min  
Response: 688289  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



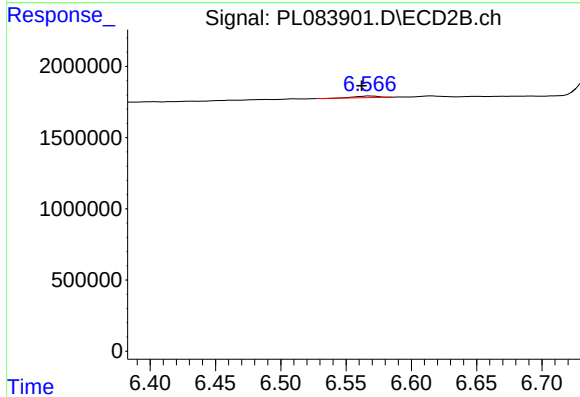
#19 Endosulfan Sulfate

R.T.: 6.271 min  
Delta R.T.: 0.003 min  
Response: 335300  
Conc: 0.31 ng/ml



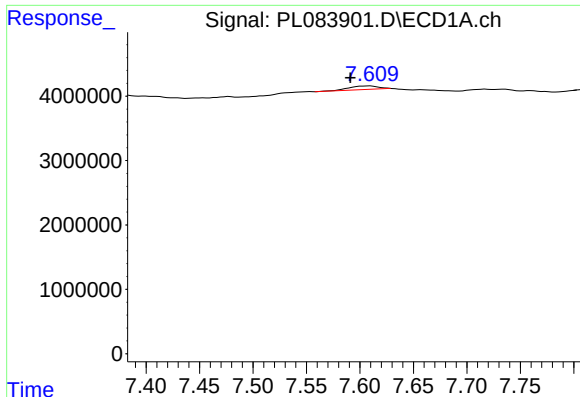
#20 Methoxychlor

R.T.: 7.477 min  
Delta R.T.: 0.018 min  
Response: -99046  
Conc: N.D.



#20 Methoxychlor

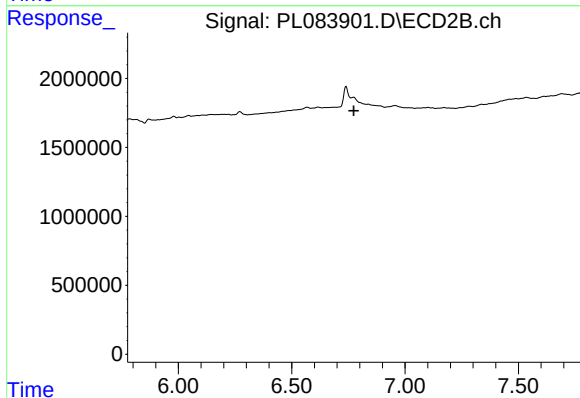
R.T.: 6.569 min  
Delta R.T.: 0.007 min  
Response: 135310  
Conc: 0.28 ng/ml



#21 Endrin ketone

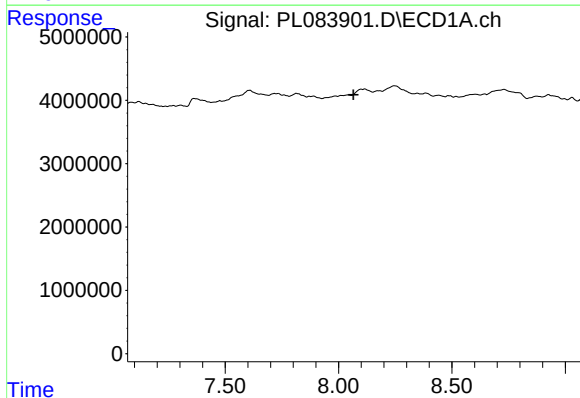
R.T.: 7.610 min  
Delta R.T.: 0.019 min  
Response: 1104065  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



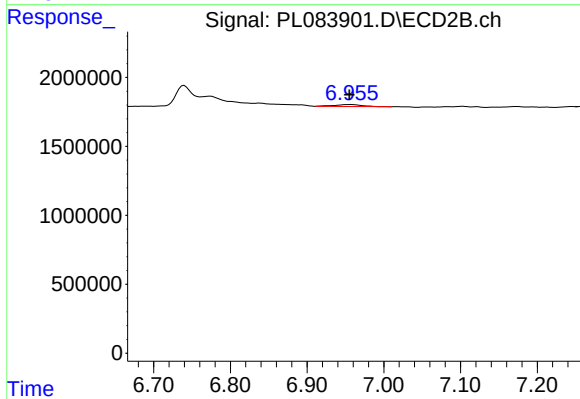
#21 Endrin ketone

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: -756806  
Conc: N.D.



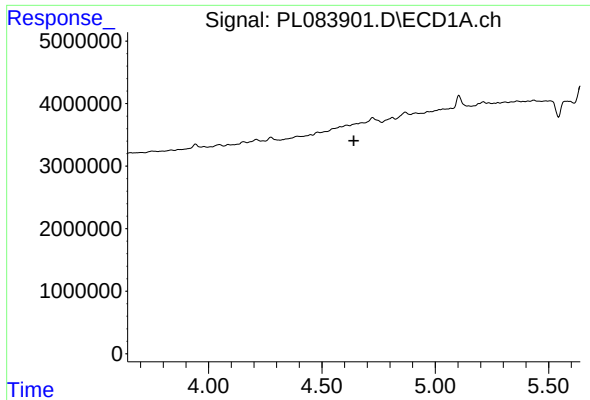
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.066 min  
Response: 0  
Conc: N.D.



#22 Mirex

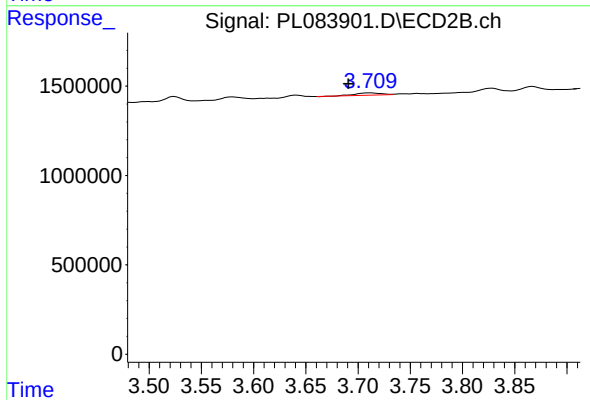
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 351815  
Conc: 0.34 ng/ml



#23 Chlordane-1

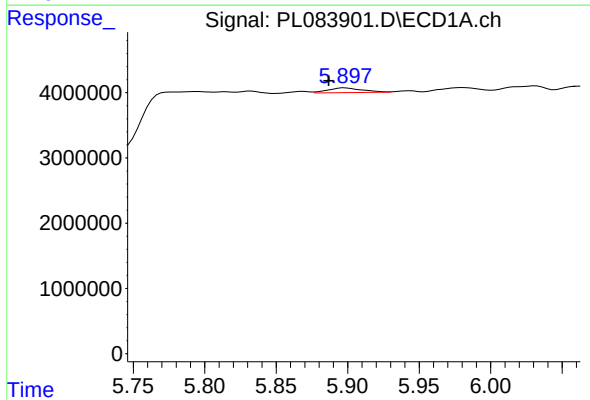
R.T.: 4.654 min  
Delta R.T.: 0.013 min  
Response: -67770  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



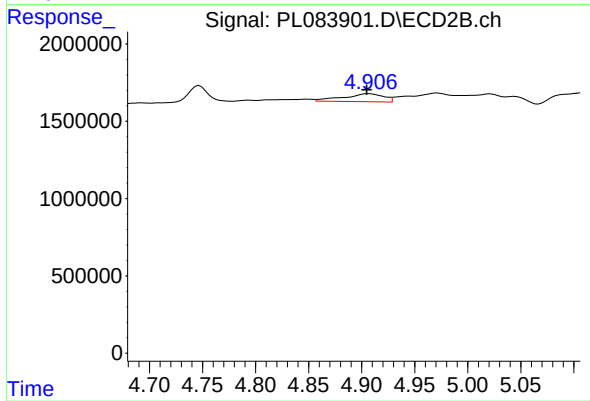
#23 Chlordane-1

R.T.: 3.712 min  
Delta R.T.: 0.021 min  
Response: 217582  
Conc: 0.55 ng/ml



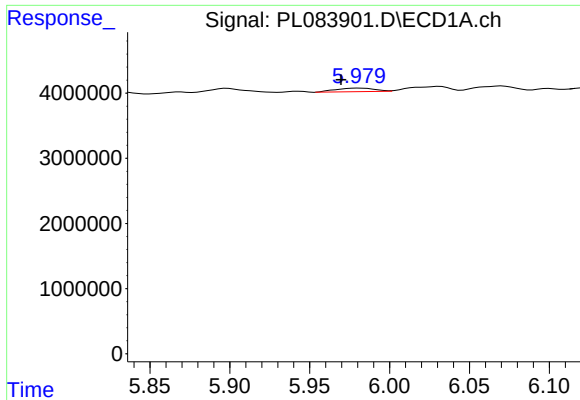
#25 Chlordane-3

R.T.: 5.898 min  
Delta R.T.: 0.012 min  
Response: 1215796  
Conc: 0.35 ng/ml



#25 Chlordane-3

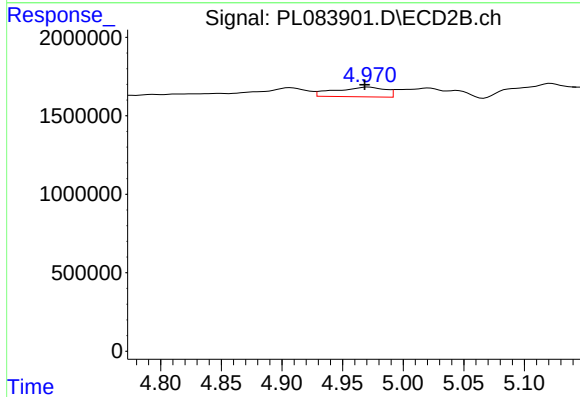
R.T.: 4.907 min  
Delta R.T.: 0.002 min  
Response: 1382545  
Conc: 1.01 ng/ml



#26 Chlordane-4

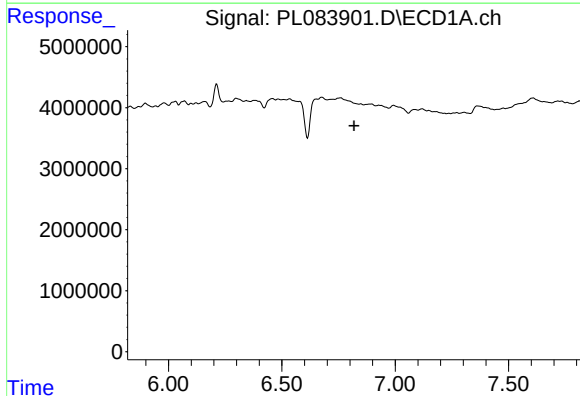
R.T.: 5.980 min  
Delta R.T.: 0.011 min  
Response: 939465  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



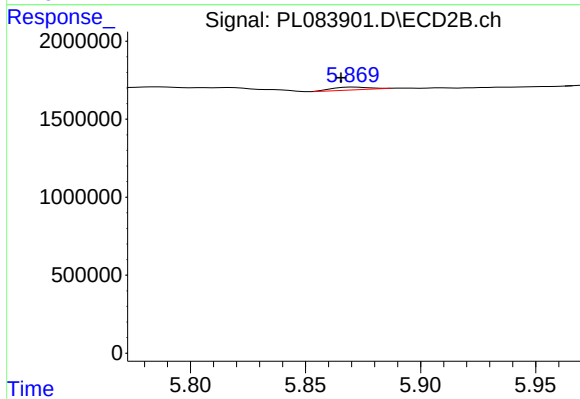
#26 Chlordane-4

R.T.: 4.972 min  
Delta R.T.: 0.003 min  
Response: 1777083  
Conc: 1.24 ng/ml



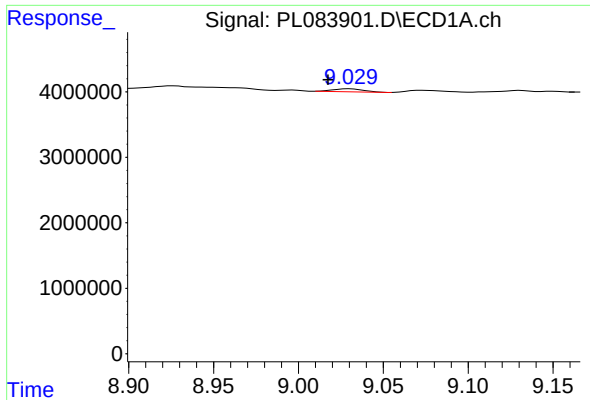
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.819 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

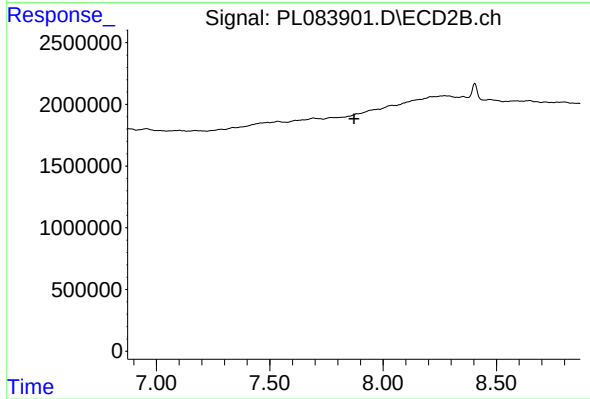
R.T.: 5.871 min  
Delta R.T.: 0.006 min  
Response: 196583  
Conc: 0.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: 0.012 min  
Response: 575678  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 7.872 min  
Response: 0  
Conc: N.D.