

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051524\  
 Data File : PL089539.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2024 12:24  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 01:33:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 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... | 3.553  | 2.801  | 44957607 | 30257302 | 22.326 | 23.582  |
| 28)                         | SA Decachlor... | 9.066  | 7.946  | 29187515 | 27359020 | 20.863 | 20.338  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.011  | 3.290  | 18065    | 281849   | 0.006  | 0.149 # |
| 3)                          | MA gamma-BHC... | 4.348  | 3.652f | 27240    | 143698   | 0.010  | 0.078 # |
| 4)                          | MA Heptachlor   | 4.927  | 3.978  | 450084   | 18373    | 0.181  | 0.010 # |
| 5)                          | MB Aldrin       | 5.244f | 4.235f | 845790   | 83556    | 0.329  | 0.047 # |
| 6)                          | B beta-BHC      | 0.000  | 3.937  | 0        | 115243   | N.D.   | 0.141 # |
| 7)                          | B delta-BHC     | 4.768  | 4.162  | 556092   | 103499   | 0.210  | 0.058 # |
| 8)                          | B Heptachlo...  | 5.691  | 4.759  | 2478134  | 453904   | 1.057  | 0.281 # |
| 9)                          | A Endosulfan I  | 6.087  | 5.135  | 983036   | 63886    | 0.457  | 0.043 # |
| 10)                         | B gamma-Chl...  | 5.944  | 5.006  | 1507527  | 127383   | 0.659  | 0.078 # |
| 11)                         | B alpha-Chl...  | 6.050f | 5.076  | 1135858  | 341756   | 0.499  | 0.207 # |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.275  | 92886    | 40192    | 0.046  | 0.028 # |
| 13)                         | MA Dieldrin     | 6.367  | 5.409  | 96005    | 30597    | 0.043  | 0.019 # |
| 14)                         | MA Endrin       | 6.590  | 5.686f | 287555   | 463065   | 0.152  | 0.322 # |
| 15)                         | B Endosulfa...  | 6.778f | 5.957  | 2014264  | 156930   | 1.009  | 0.109 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.820  | 0        | 113173   | N.D.   | 0.092 # |
| 17)                         | MA 4,4'-DDT     | 7.008f | 6.070  | 976918   | 48910    | 0.531  | 0.036 # |
| 18)                         | B Endrin al...  | 6.933  | 6.155  | 69868    | 426567   | 0.046  | 0.383 # |
| 19)                         | B Endosulfa...  | 7.142f | 6.368  | 20971    | 322392   | 0.012  | 0.232 # |
| 20)                         | A Methoxychlor  | 7.507  | 0.000  | 18409    | 0        | 0.019  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.650  | 6.867  | 3673092  | 3534     | 1.835  | 0.002 # |
| 22)                         | Mirex           | 8.126  | 7.049  | -13707   | 29275    | N.D.   | 0.021   |
| 23)                         | Chlordane-1     | 0.000  | 3.814  | 0        | 54548    | N.D.   | 1.109 # |
| 24)                         | Chlordane-2     | 5.244  | 4.396f | 845790   | 215119   | 8.048  | 3.382 # |
| 25)                         | Chlordane-3     | 5.944  | 5.006  | 1507527  | 127383   | 4.565  | 0.744 # |
| 26)                         | Chlordane-4     | 6.050  | 5.076  | 1135858  | 341756   | 2.787  | 2.125   |
| 27)                         | Chlordane-5     | 6.875  | 5.715f | 95743    | 18351    | 1.150  | 0.359 # |
| -----                       |                 |        |        |          |          |        |         |

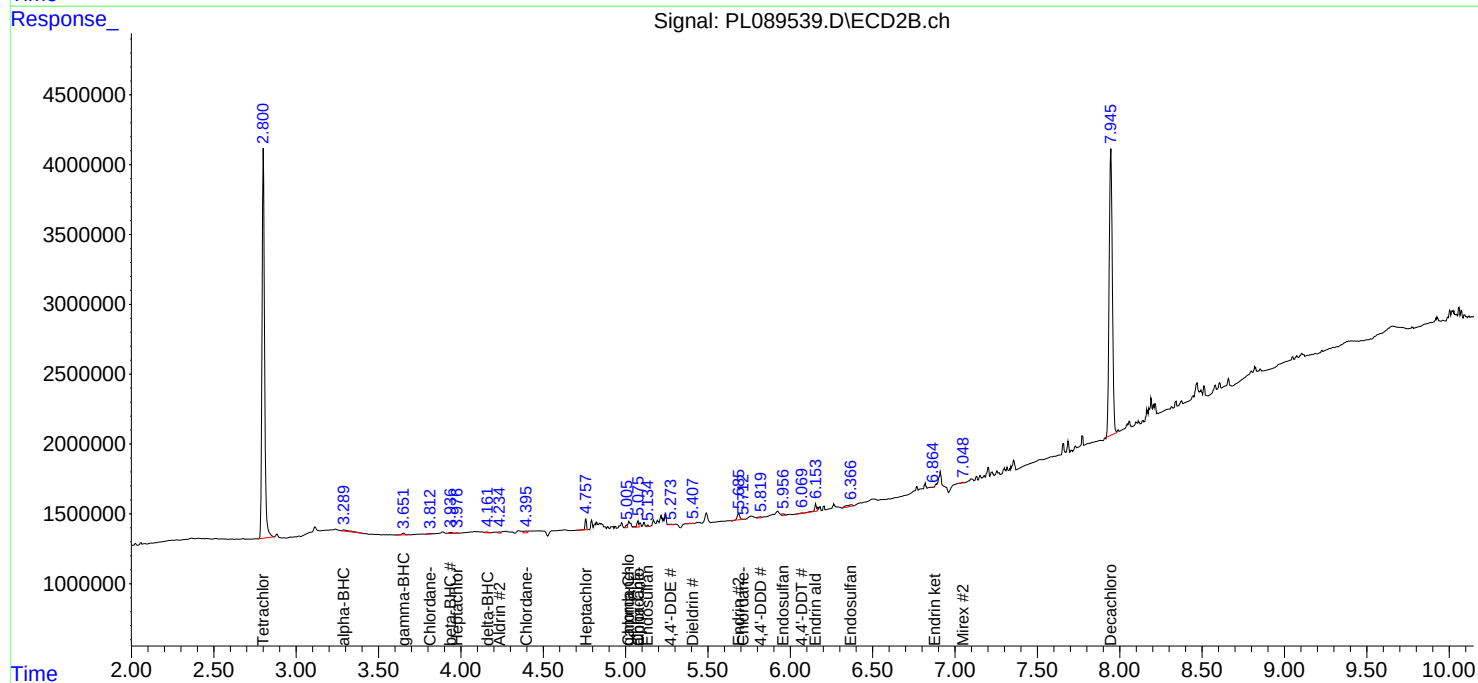
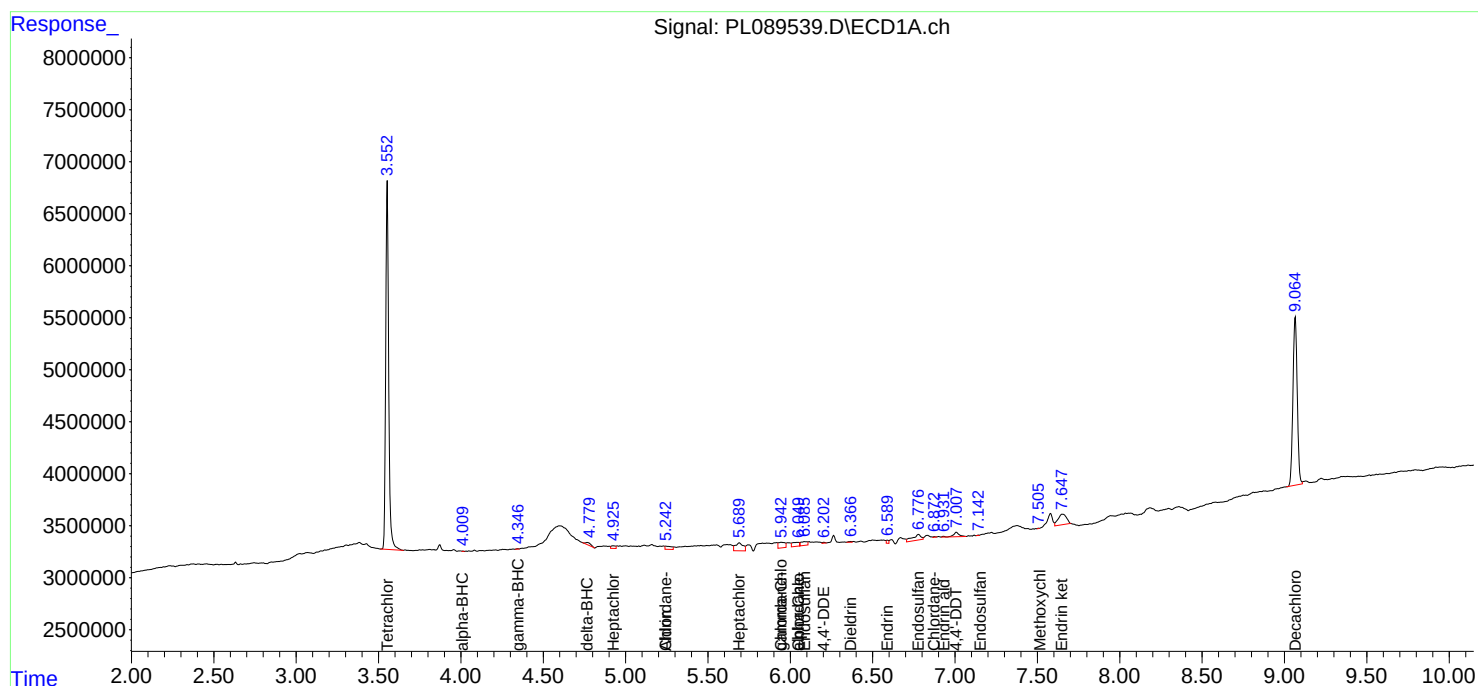
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

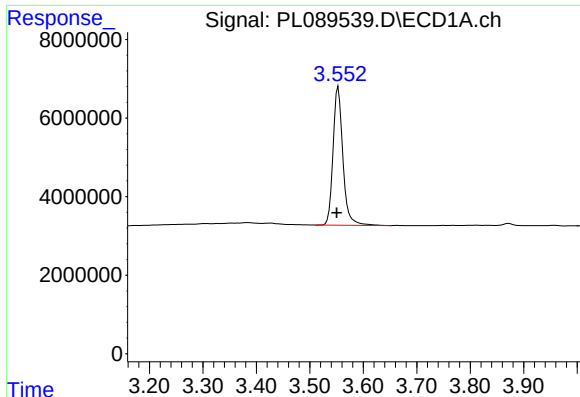
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051524\  
Data File : PL089539.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2024 12:24  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 01:33:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
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

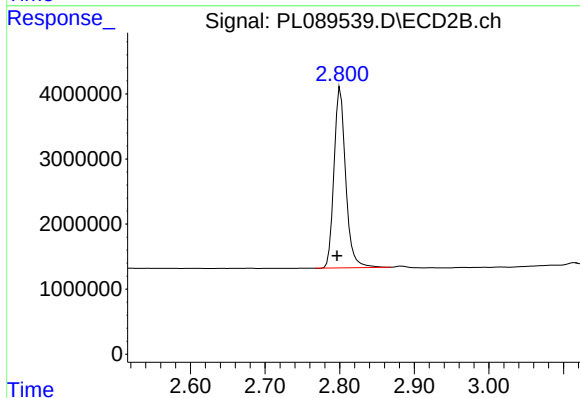




#1 Tetrachloro-m-xylene

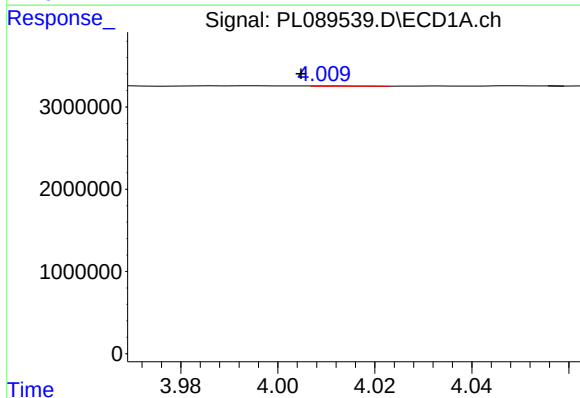
R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 44957607  
Conc: 22.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



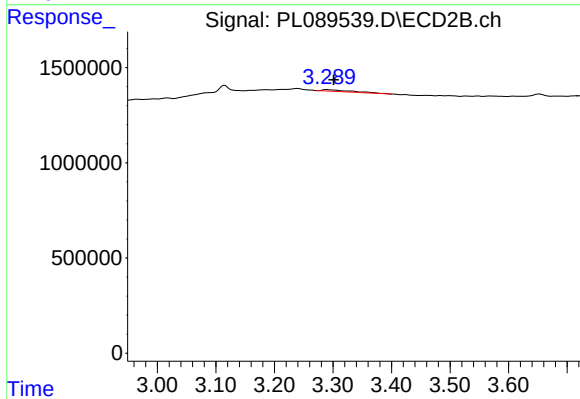
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.005 min  
Response: 30257302  
Conc: 23.58 ng/ml



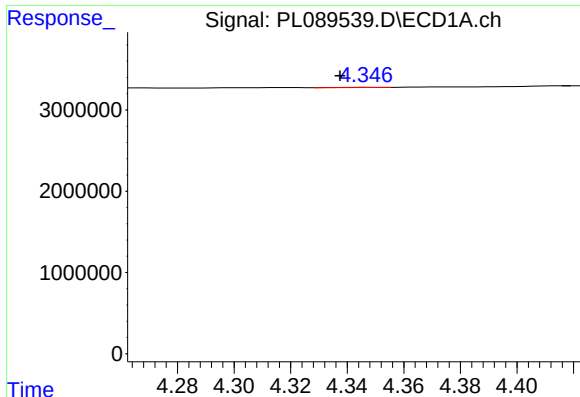
#2 alpha-BHC

R.T.: 4.011 min  
Delta R.T.: 0.006 min  
Response: 18065  
Conc: 0.01 ng/ml



#2 alpha-BHC

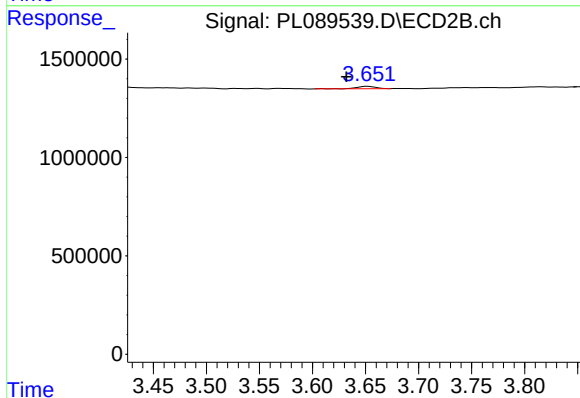
R.T.: 3.290 min  
Delta R.T.: -0.011 min  
Response: 281849  
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

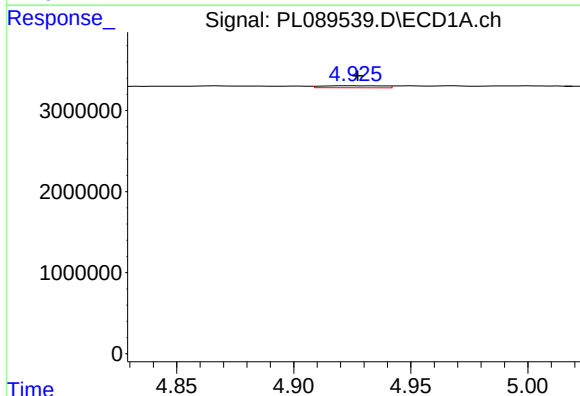
R.T.: 4.348 min  
Delta R.T.: 0.010 min  
Response: 27240  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



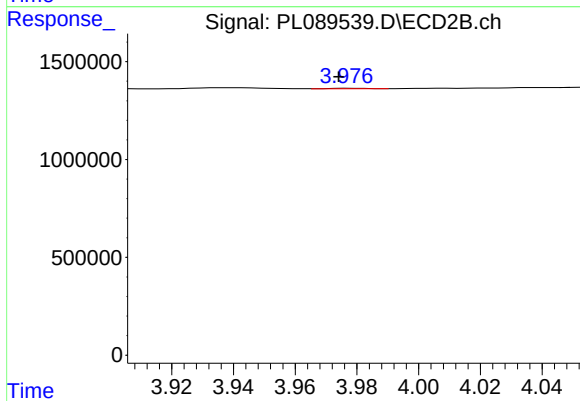
#3 gamma-BHC (Lindane)

R.T.: 3.652 min  
Delta R.T.: 0.020 min  
Response: 143698  
Conc: 0.08 ng/ml



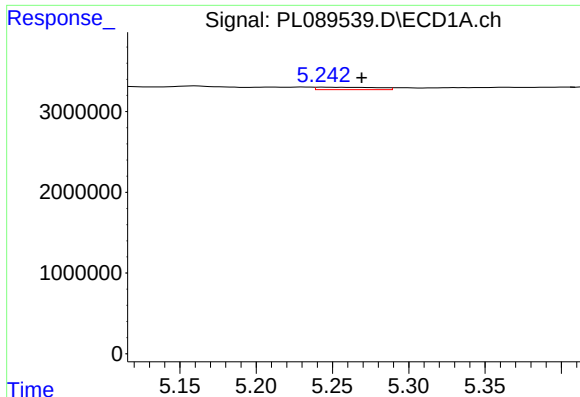
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 450084  
Conc: 0.18 ng/ml



#4 Heptachlor

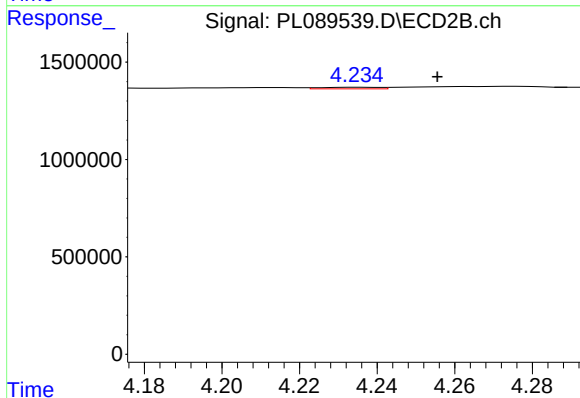
R.T.: 3.978 min  
Delta R.T.: 0.004 min  
Response: 18373  
Conc: 0.01 ng/ml



#5 Aldrin

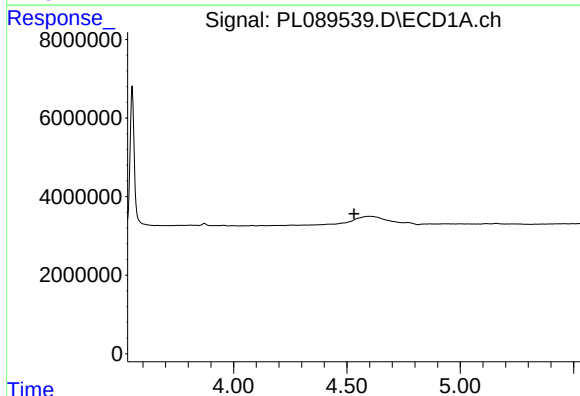
R.T.: 5.244 min  
Delta R.T.: -0.025 min  
Response: 845790  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



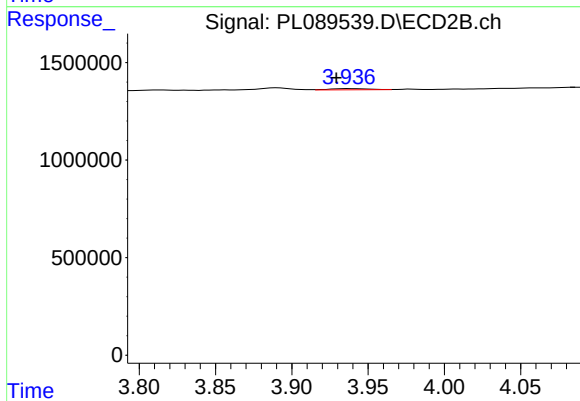
#5 Aldrin

R.T.: 4.235 min  
Delta R.T.: -0.020 min  
Response: 83556  
Conc: 0.05 ng/ml



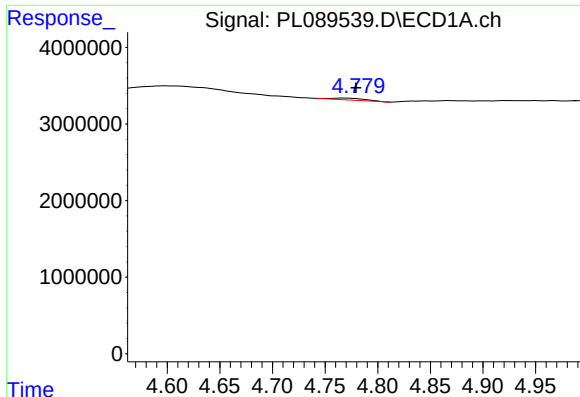
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

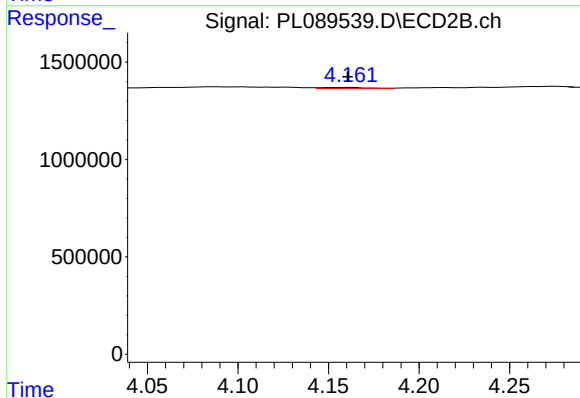
R.T.: 3.937 min  
Delta R.T.: 0.008 min  
Response: 115243  
Conc: 0.14 ng/ml



#7 delta-BHC

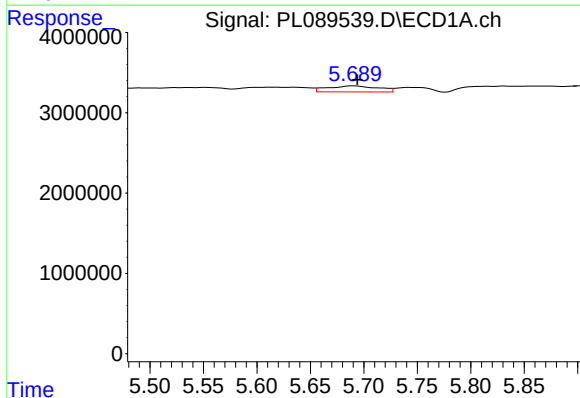
R.T.: 4.768 min  
Delta R.T.: -0.011 min  
Response: 556092  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



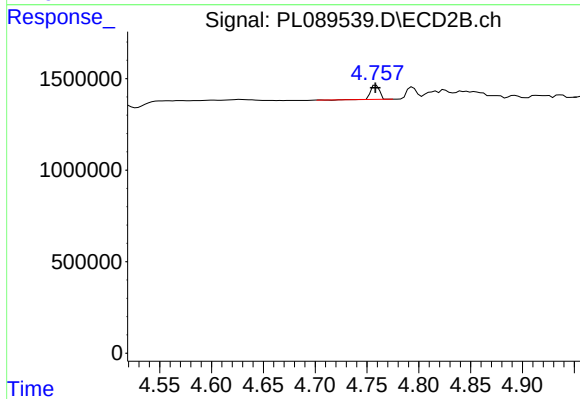
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.001 min  
Response: 103499  
Conc: 0.06 ng/ml



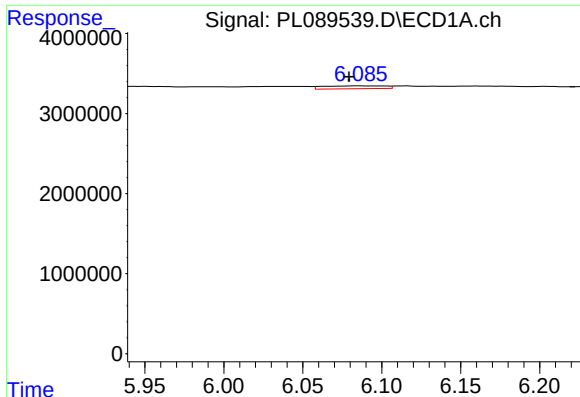
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 2478134  
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

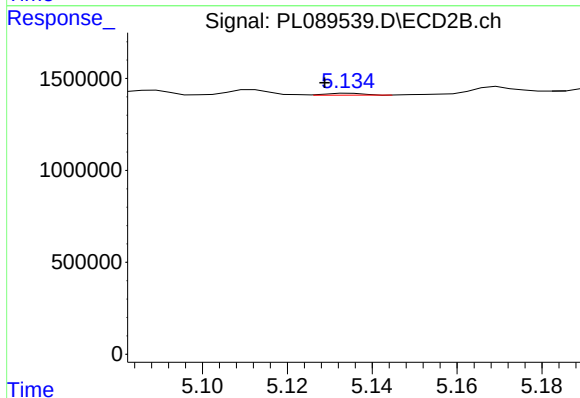
R.T.: 4.759 min  
Delta R.T.: 0.000 min  
Response: 453904  
Conc: 0.28 ng/ml



#9 Endosulfan I

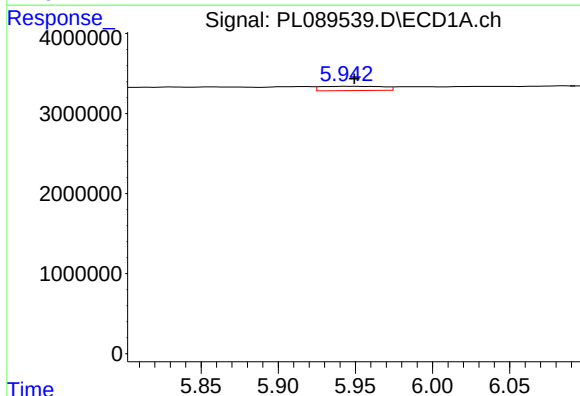
R.T.: 6.087 min  
Delta R.T.: 0.007 min  
Response: 983036  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



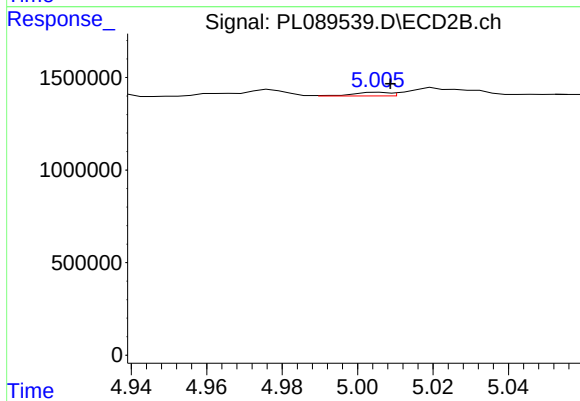
#9 Endosulfan I

R.T.: 5.135 min  
Delta R.T.: 0.006 min  
Response: 63886  
Conc: 0.04 ng/ml



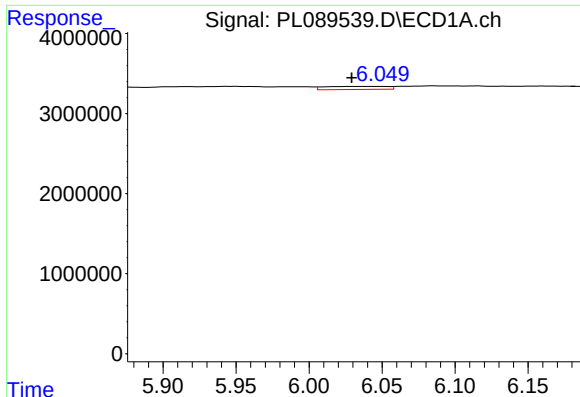
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.005 min  
Response: 1507527  
Conc: 0.66 ng/ml



#10 gamma-Chlordane

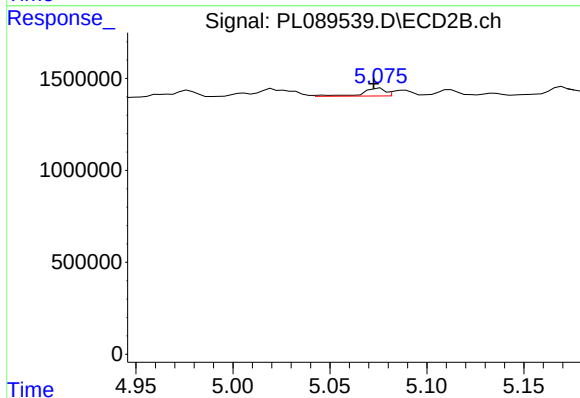
R.T.: 5.006 min  
Delta R.T.: -0.003 min  
Response: 127383  
Conc: 0.08 ng/ml



#11 alpha-Chlordane

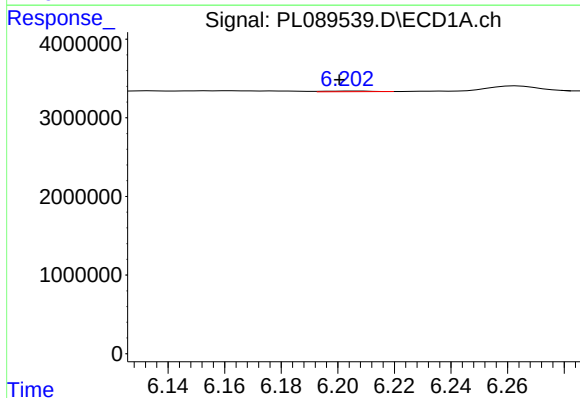
R.T.: 6.050 min  
Delta R.T.: 0.021 min  
Response: 1135858  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



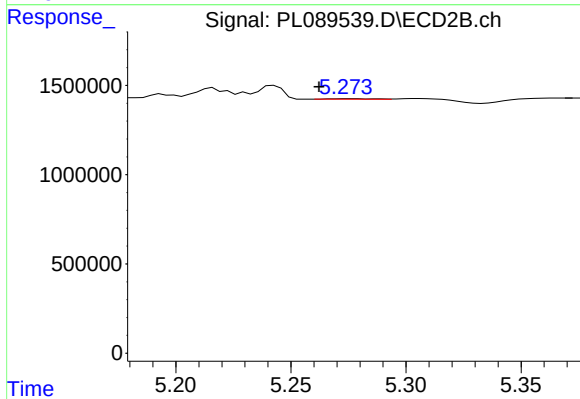
#11 alpha-Chlordane

R.T.: 5.076 min  
Delta R.T.: 0.003 min  
Response: 341756  
Conc: 0.21 ng/ml



#12 4,4'-DDE

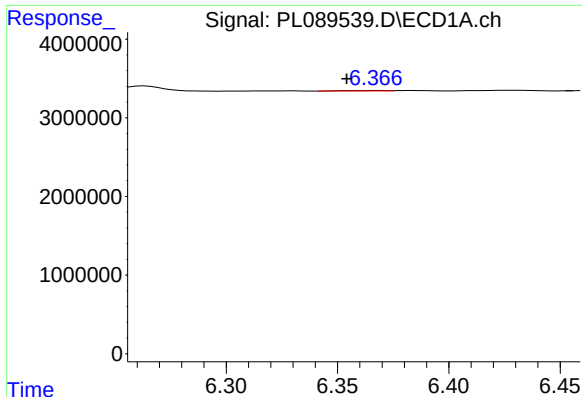
R.T.: 6.205 min  
Delta R.T.: 0.004 min  
Response: 92886  
Conc: 0.05 ng/ml



#12 4,4'-DDE

R.T.: 5.275 min  
Delta R.T.: 0.012 min  
Response: 40192  
Conc: 0.03 ng/ml

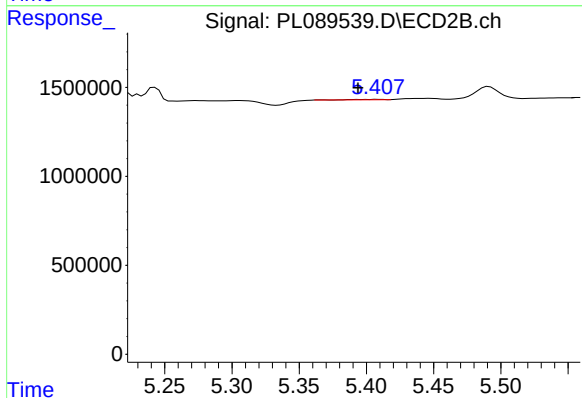




#13 Dieldrin

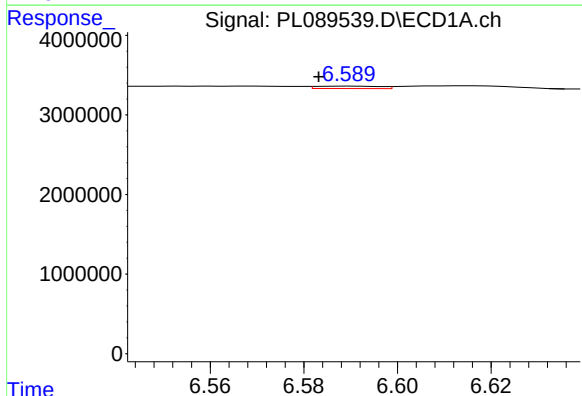
R.T.: 6.367 min  
Delta R.T.: 0.013 min  
Response: 96005  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



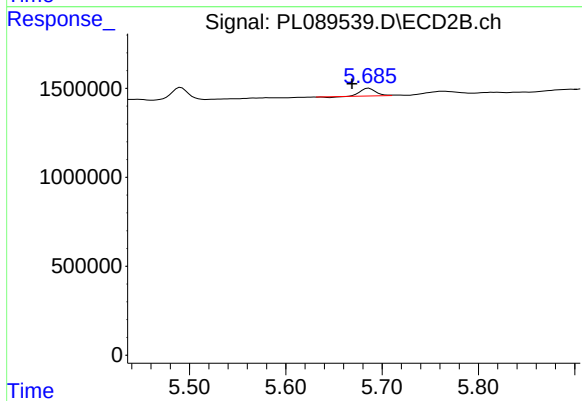
#13 Dieldrin

R.T.: 5.409 min  
Delta R.T.: 0.015 min  
Response: 30597  
Conc: 0.02 ng/ml



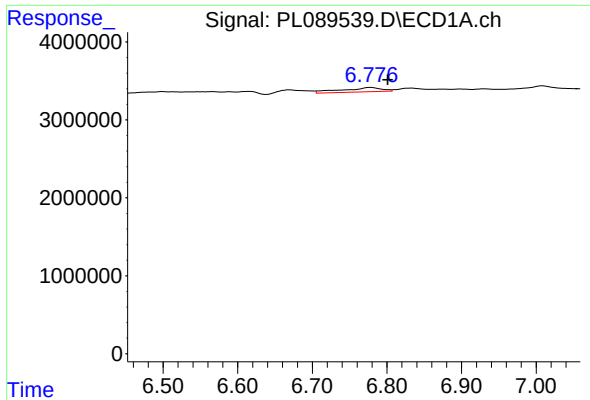
#14 Endrin

R.T.: 6.590 min  
Delta R.T.: 0.007 min  
Response: 287555  
Conc: 0.15 ng/ml



#14 Endrin

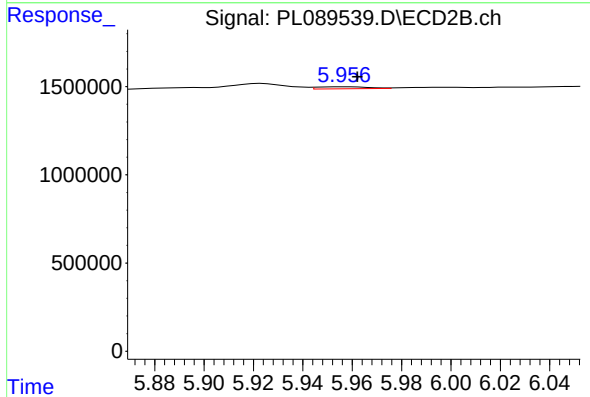
R.T.: 5.686 min  
Delta R.T.: 0.018 min  
Response: 463065  
Conc: 0.32 ng/ml



#15 Endosulfan II

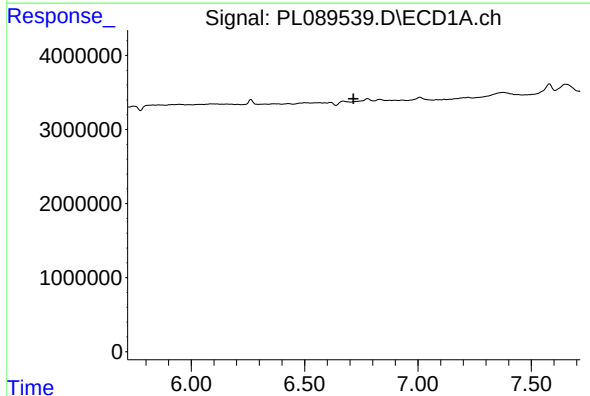
R.T.: 6.778 min  
Delta R.T.: -0.023 min  
Response: 2014264  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



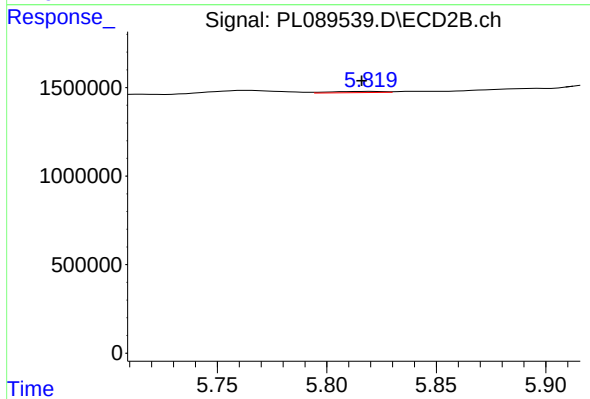
#15 Endosulfan II

R.T.: 5.957 min  
Delta R.T.: -0.005 min  
Response: 156930  
Conc: 0.11 ng/ml



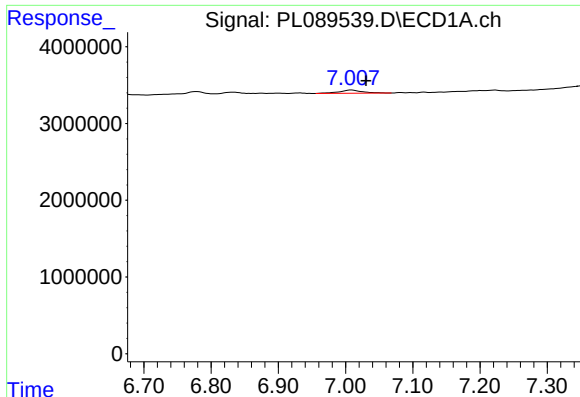
#16 4,4'-DDD

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



#16 4,4'-DDD

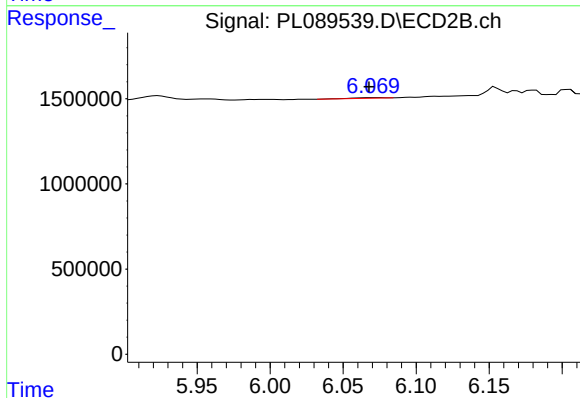
R.T.: 5.820 min  
Delta R.T.: 0.004 min  
Response: 113173  
Conc: 0.09 ng/ml



#17 4,4'-DDT

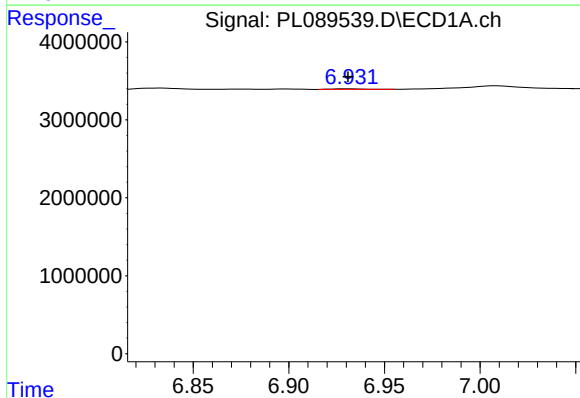
R.T.: 7.008 min  
Delta R.T.: -0.022 min  
Response: 976918  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



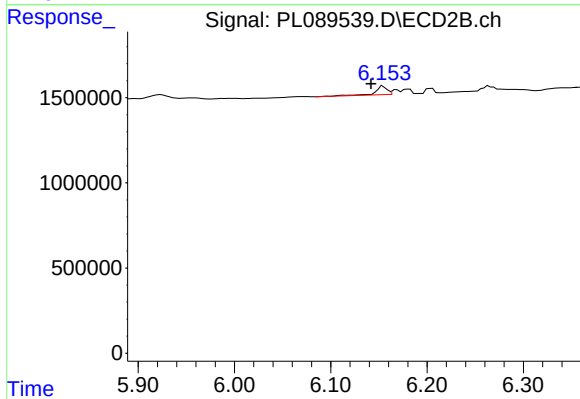
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: 0.003 min  
Response: 48910  
Conc: 0.04 ng/ml



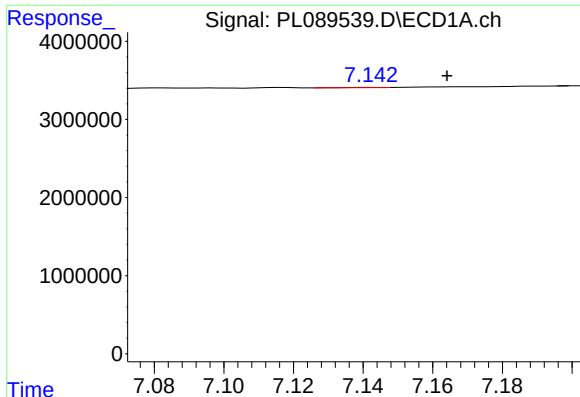
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.002 min  
Response: 69868  
Conc: 0.05 ng/ml



#18 Endrin aldehyde

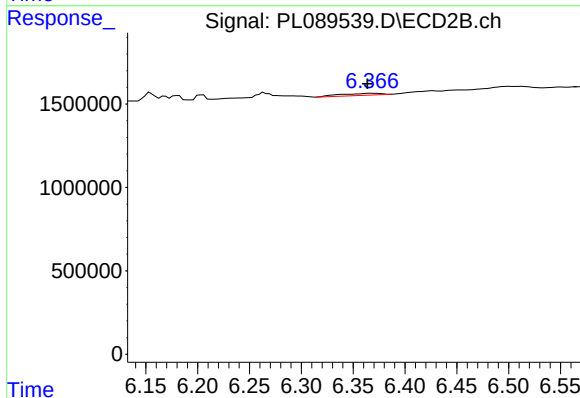
R.T.: 6.155 min  
Delta R.T.: 0.013 min  
Response: 426567  
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

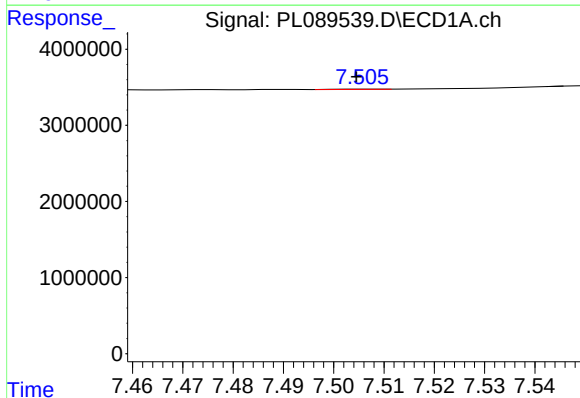
R.T.: 7.142 min  
Delta R.T.: -0.022 min  
Response: 20971  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



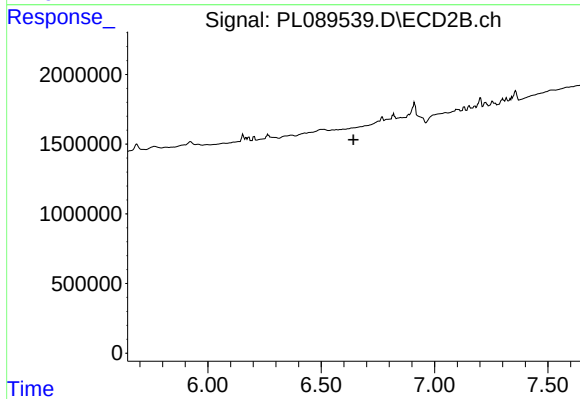
#19 Endosulfan Sulfate

R.T.: 6.368 min  
Delta R.T.: 0.004 min  
Response: 322392  
Conc: 0.23 ng/ml



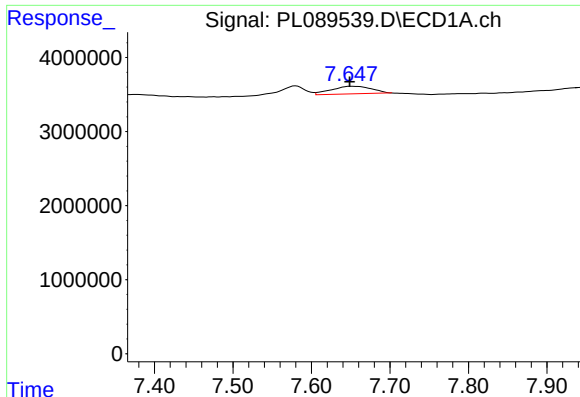
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.002 min  
Response: 18409  
Conc: 0.02 ng/ml



#20 Methoxychlor

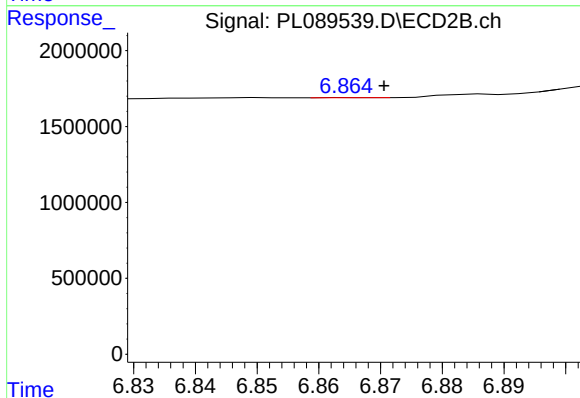
R.T.: 0.000 min  
Exp R.T.: 6.642 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

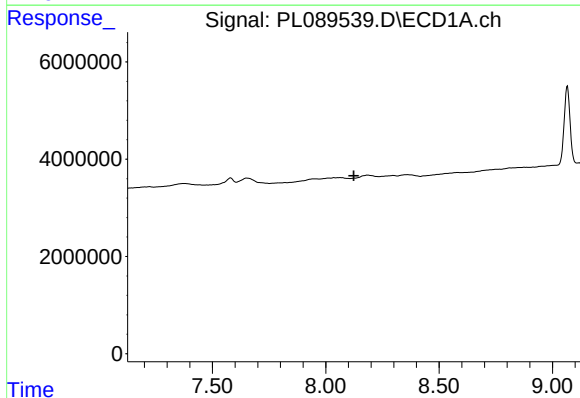
R.T.: 7.650 min  
Delta R.T.: 0.001 min  
Response: 3673092  
Conc: 1.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



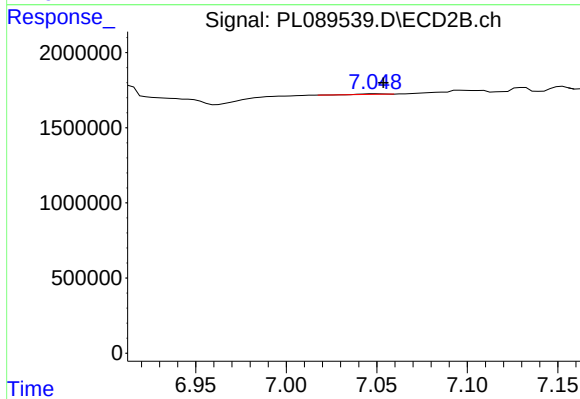
#21 Endrin ketone

R.T.: 6.867 min  
Delta R.T.: -0.003 min  
Response: 3534  
Conc: 0.00 ng/ml



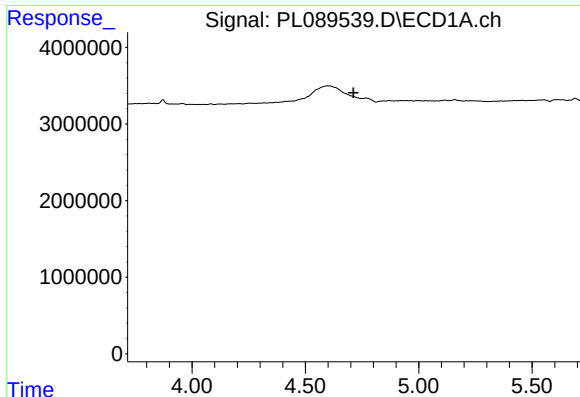
#22 Mirex

R.T.: 8.126 min  
Delta R.T.: 0.002 min  
Response: -13707  
Conc: N.D.



#22 Mirex

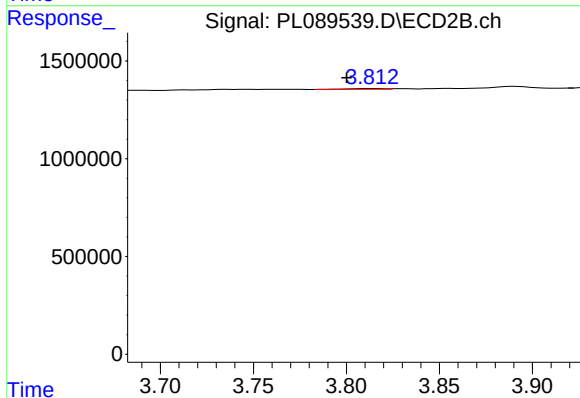
R.T.: 7.049 min  
Delta R.T.: -0.005 min  
Response: 29275  
Conc: 0.02 ng/ml



#23 Chlordane-1

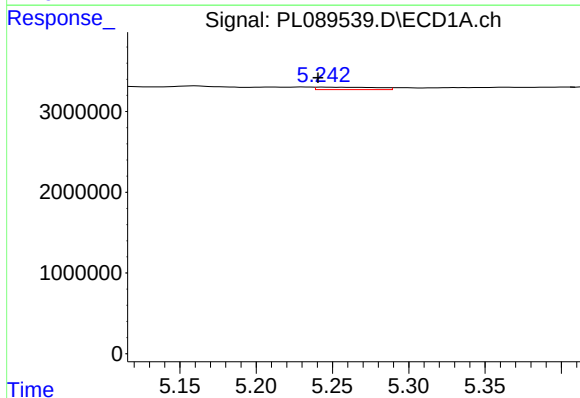
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



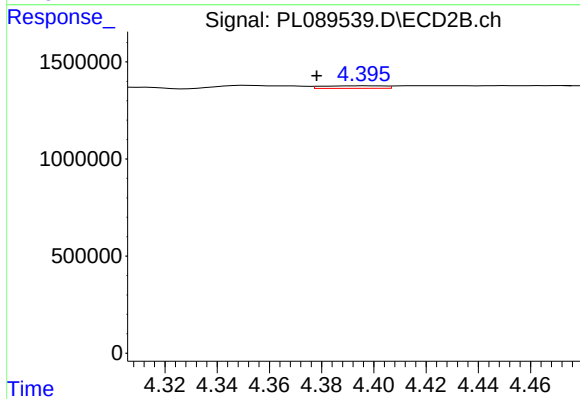
#23 Chlordane-1

R.T.: 3.814 min  
Delta R.T.: 0.014 min  
Response: 54548  
Conc: 1.11 ng/ml



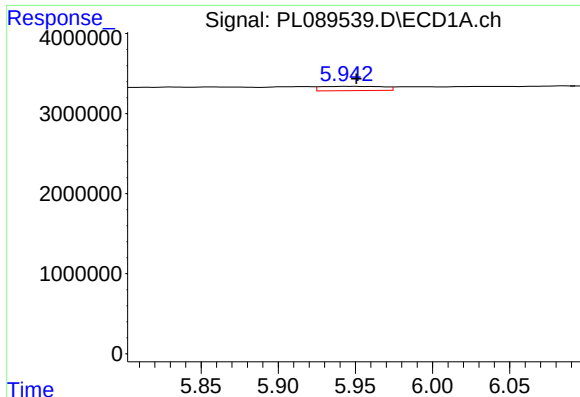
#24 Chlordane-2

R.T.: 5.244 min  
Delta R.T.: 0.004 min  
Response: 845790  
Conc: 8.05 ng/ml



#24 Chlordane-2

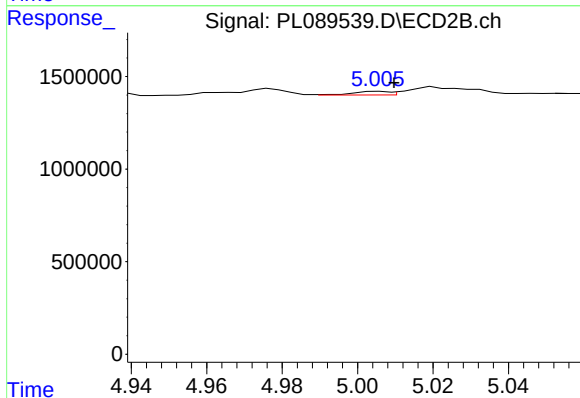
R.T.: 4.396 min  
Delta R.T.: 0.018 min  
Response: 215119  
Conc: 3.38 ng/ml



#25 Chlordane-3

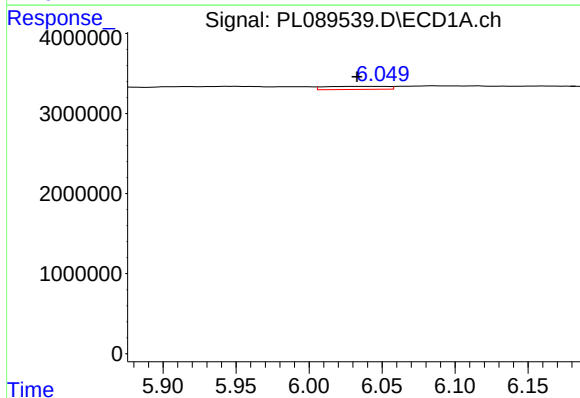
R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 1507527  
Conc: 4.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



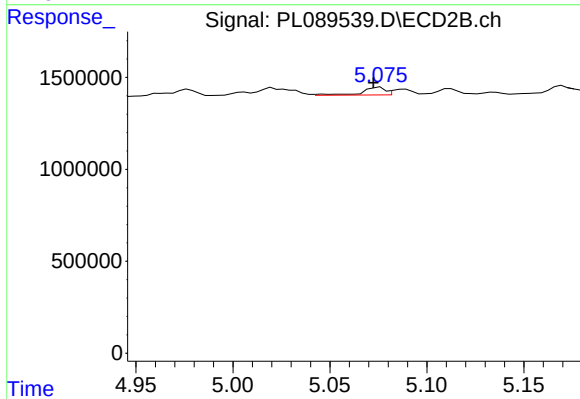
#25 Chlordane-3

R.T.: 5.006 min  
Delta R.T.: -0.004 min  
Response: 127383  
Conc: 0.74 ng/ml



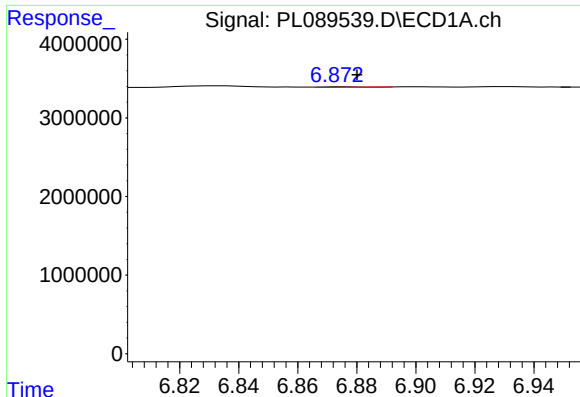
#26 Chlordane-4

R.T.: 6.050 min  
Delta R.T.: 0.017 min  
Response: 1135858  
Conc: 2.79 ng/ml



#26 Chlordane-4

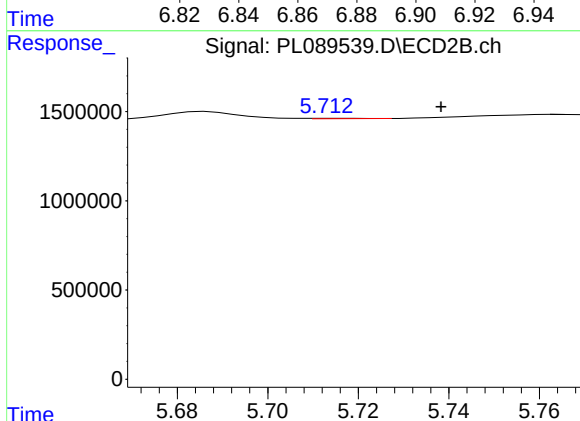
R.T.: 5.076 min  
Delta R.T.: 0.004 min  
Response: 341756  
Conc: 2.12 ng/ml



#27 Chlordane-5

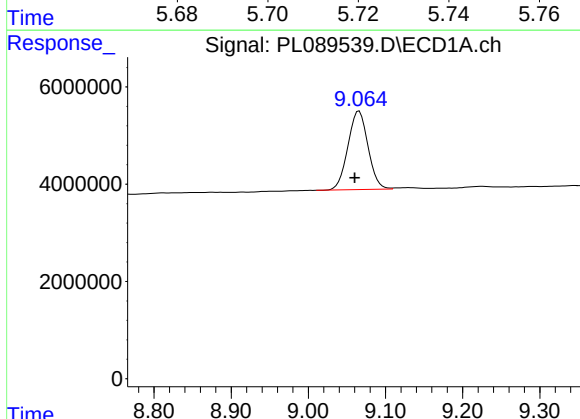
R.T.: 6.875 min  
Delta R.T.: -0.005 min  
Response: 95743  
Conc: 1.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



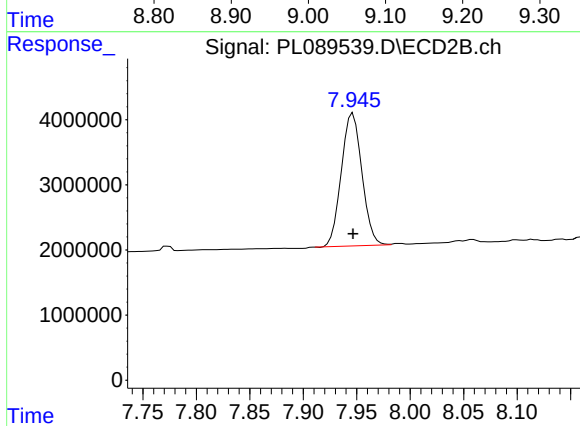
#27 Chlordane-5

R.T.: 5.715 min  
Delta R.T.: -0.023 min  
Response: 18351  
Conc: 0.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.006 min  
Response: 29187515  
Conc: 20.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: 0.000 min  
Response: 27359020  
Conc: 20.34 ng/ml