

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042023\  
 Data File : PL082208.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2023 17:35  
 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: Apr 21 03:21:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.323  | 2.648  | 50362274 | 42463609 | 18.854 | 18.329  |
| 28)                         | SA Decachlor... | 8.741  | 7.760  | 40910192 | 47475292 | 21.429 | 20.800  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.787  | 3.153  | 218303   | 169463   | 0.055  | 0.050   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.491f | 0        | 1255033  | N.D.   | 0.390 # |
| 4)                          | MA Heptachlor   | 4.681  | 3.820  | 2336370  | 315301   | 0.639  | 0.092 # |
| 5)                          | MB Aldrin       | 0.000  | 4.101f | 0        | 2017685  | N.D.   | 0.641 # |
| 6)                          | B beta-BHC      | 4.297  | 3.777  | 984248   | 303510   | 0.577  | 0.222 # |
| 7)                          | B delta-BHC     | 4.536  | 3.998  | 3146609  | 286377   | 0.875  | 0.093 # |
| 8)                          | B Heptachlo...  | 5.443  | 4.584  | 2304178  | 44441    | 0.755  | 0.015 # |
| 9)                          | A Endosulfan I  | 5.817  | 4.950  | 966051   | 45295    | 0.348  | 0.017 # |
| 10)                         | B gamma-Chl...  | 5.696  | 4.840  | 3529867  | 459871   | 1.174  | 0.158 # |
| 11)                         | B alpha-Chl...  | 5.747f | 4.887  | 1390527  | 444459   | 0.466  | 0.153 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.088  | 0        | 29869    | N.D.   | 0.013 # |
| 14)                         | MA Endrin       | 0.000  | 5.491  | 0        | 162239   | N.D.   | 0.066 # |
| 15)                         | B Endosulfa...  | 6.533  | 0.000  | 2876955  | 0        | 1.182  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.762f | 5.885  | 770867   | 231802   | 0.337  | 0.110 # |
| 18)                         | B Endrin al...  | 0.000  | 5.982f | 0        | 488193   | N.D.   | 0.261 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.190  | 0        | 115973   | N.D.   | 0.049 # |
| 22)                         | Mirex           | 0.000  | 6.865  | 0        | 1514     | N.D.   | 0.001 # |
| 23)                         | Chlordane-1     | 0.000  | 3.631  | 0        | 393441   | N.D.   | 4.436 # |
| 24)                         | Chlordane-2     | 0.000  | 4.185f | 0        | 979767   | N.D.   | 8.737 # |
| 25)                         | Chlordane-3     | 5.696  | 4.840  | 3529867  | 459871   | 8.177  | 1.619 # |
| 26)                         | Chlordane-4     | 0.000  | 4.887  | 0        | 444459   | N.D.   | 1.489 # |
| -----                       |                 |        |        |          |          |        |         |

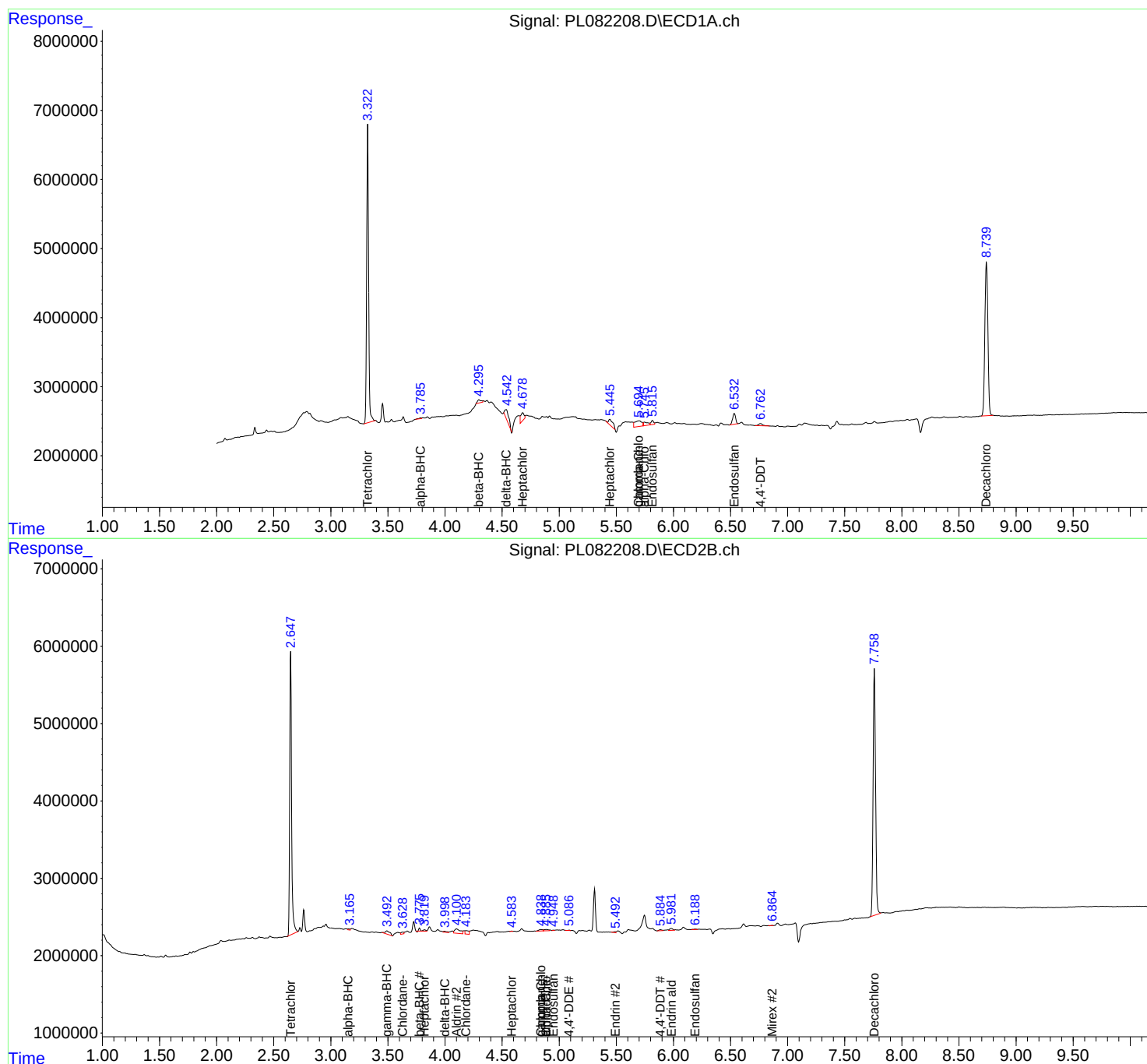
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

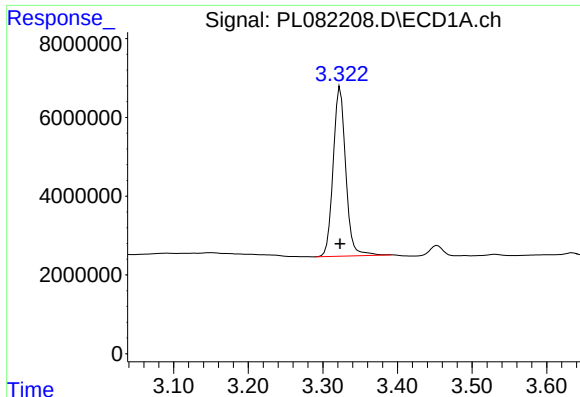
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042023\  
Data File : PL082208.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2023 17:35  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 03:21:23 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

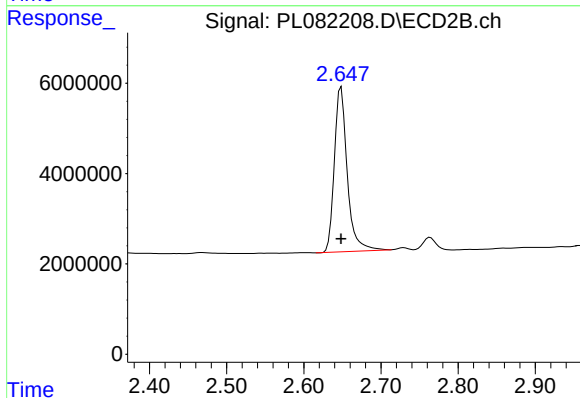




#1 Tetrachloro-m-xylene

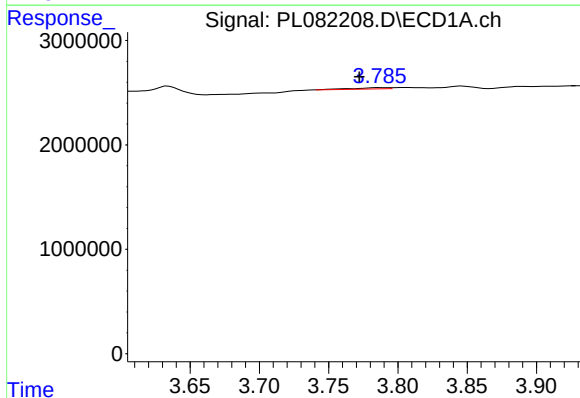
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 50362274  
Conc: 18.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



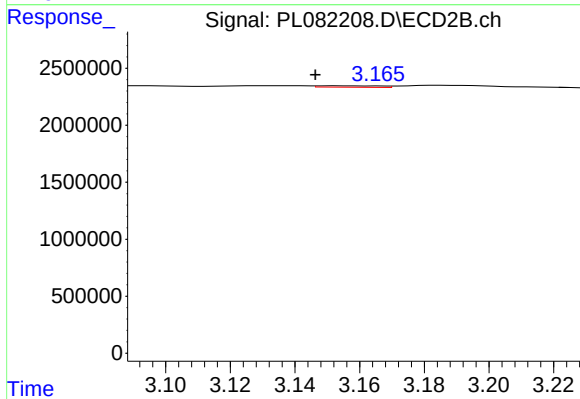
#1 Tetrachloro-m-xylene

R.T.: 2.648 min  
Delta R.T.: 0.000 min  
Response: 42463609  
Conc: 18.33 ng/ml



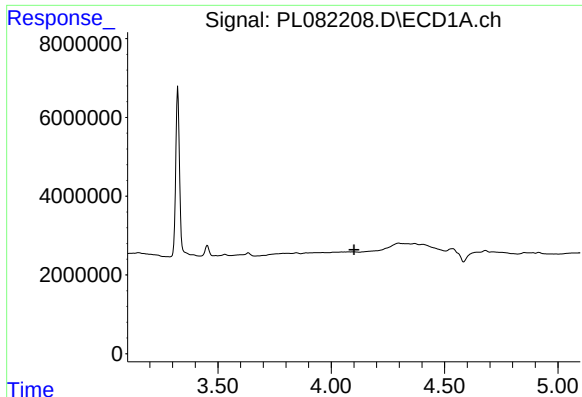
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: 0.015 min  
Response: 218303  
Conc: 0.05 ng/ml



#2 alpha-BHC

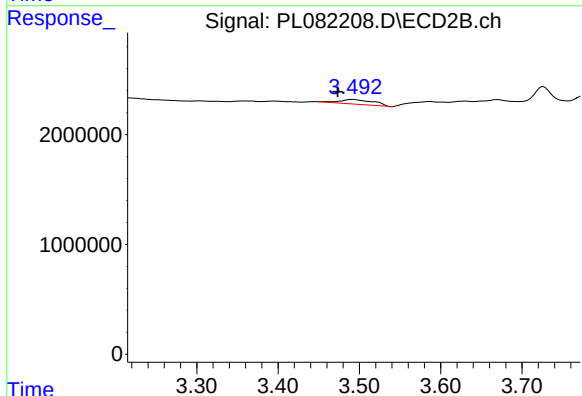
R.T.: 3.153 min  
Delta R.T.: 0.006 min  
Response: 169463  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

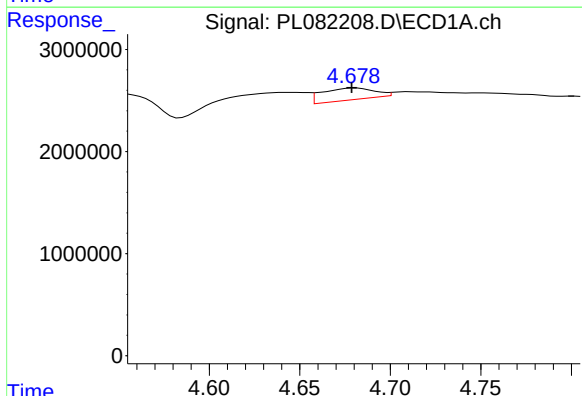
R.T.: 0.000 min  
Exp R.T.: 4.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



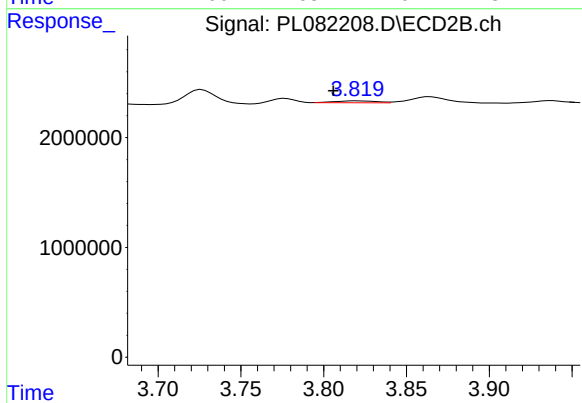
#3 gamma-BHC (Lindane)

R.T.: 3.491 min  
Delta R.T.: 0.018 min  
Response: 1255033  
Conc: 0.39 ng/ml



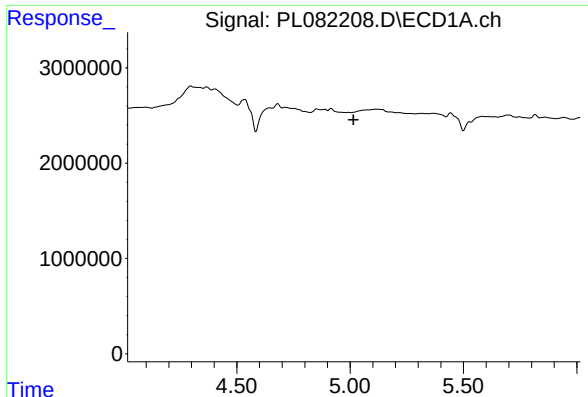
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: 0.002 min  
Response: 2336370  
Conc: 0.64 ng/ml



#4 Heptachlor

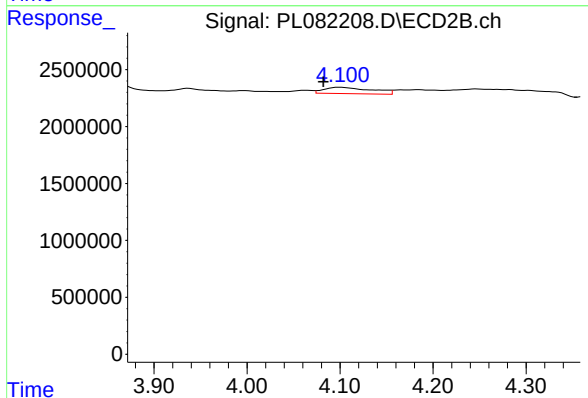
R.T.: 3.820 min  
Delta R.T.: 0.015 min  
Response: 315301  
Conc: 0.09 ng/ml



#5 Aldrin

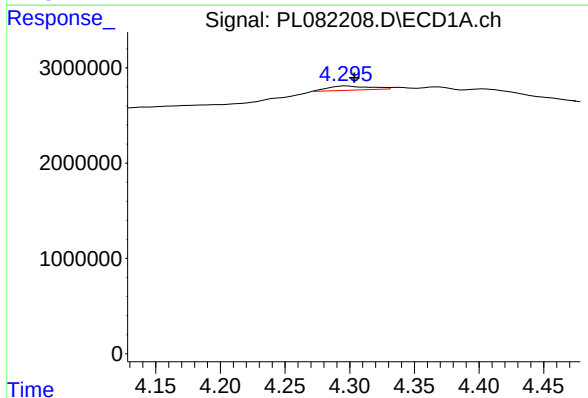
R.T.: 0.000 min  
Exp R.T.: 5.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



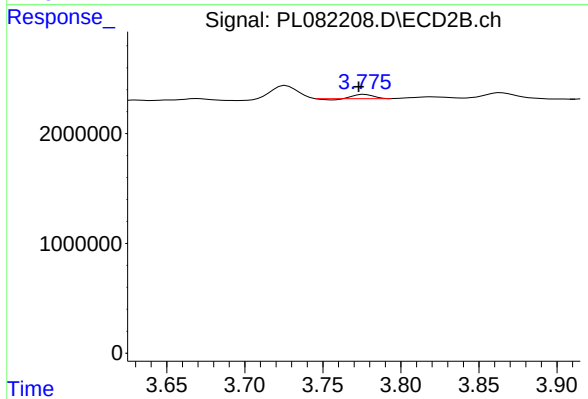
#5 Aldrin

R.T.: 4.101 min  
Delta R.T.: 0.019 min  
Response: 2017685  
Conc: 0.64 ng/ml



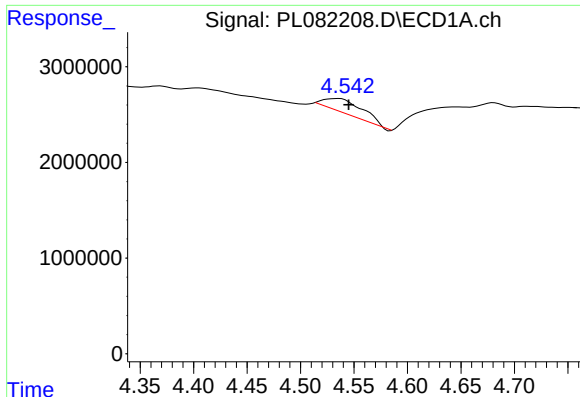
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.006 min  
Response: 984248  
Conc: 0.58 ng/ml



#6 beta-BHC

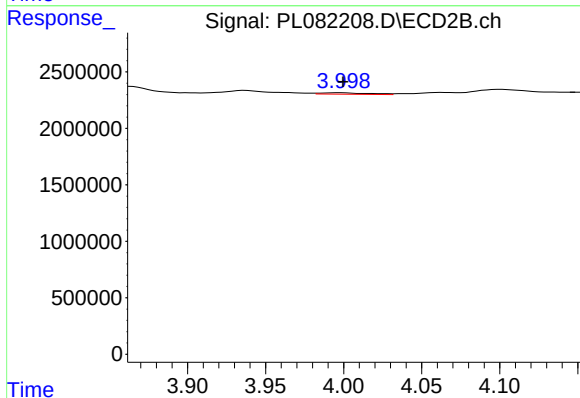
R.T.: 3.777 min  
Delta R.T.: 0.004 min  
Response: 303510  
Conc: 0.22 ng/ml



#7 delta-BHC

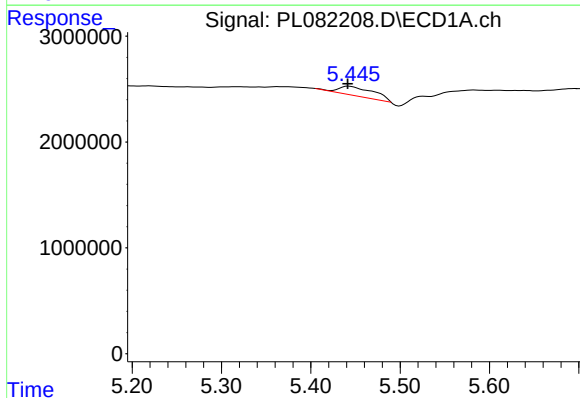
R.T.: 4.536 min  
Delta R.T.: -0.009 min  
Response: 3146609  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



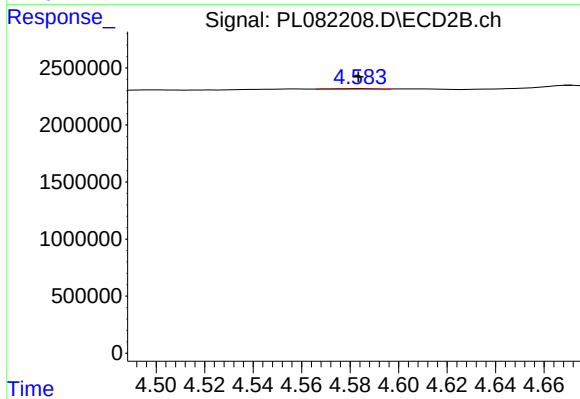
#7 delta-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 286377  
Conc: 0.09 ng/ml



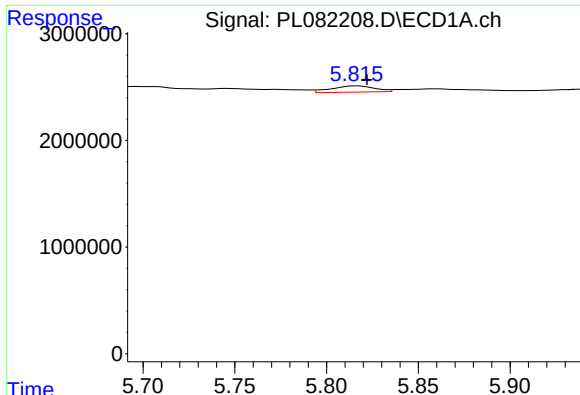
#8 Heptachlor epoxide

R.T.: 5.443 min  
Delta R.T.: 0.002 min  
Response: 2304178  
Conc: 0.76 ng/ml



#8 Heptachlor epoxide

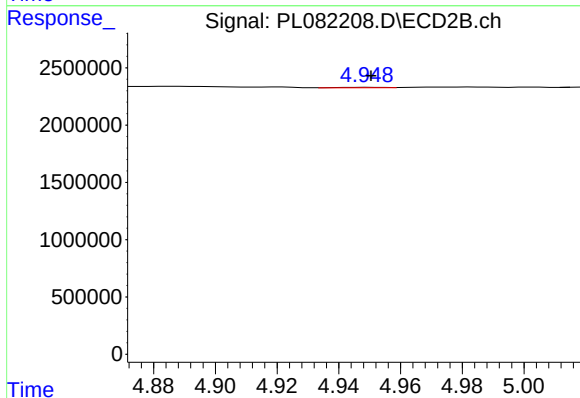
R.T.: 4.584 min  
Delta R.T.: 0.001 min  
Response: 44441  
Conc: 0.02 ng/ml



#9 Endosulfan I

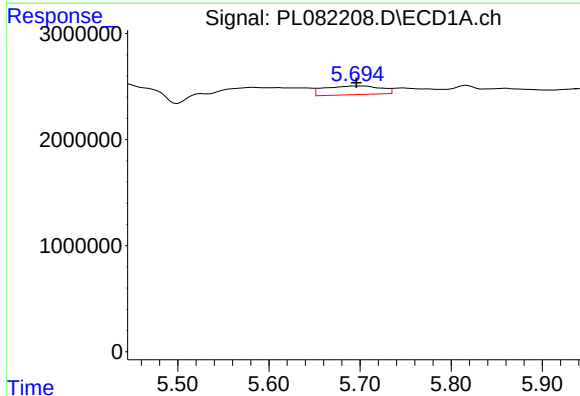
R.T.: 5.817 min  
Delta R.T.: -0.005 min  
Response: 966051  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



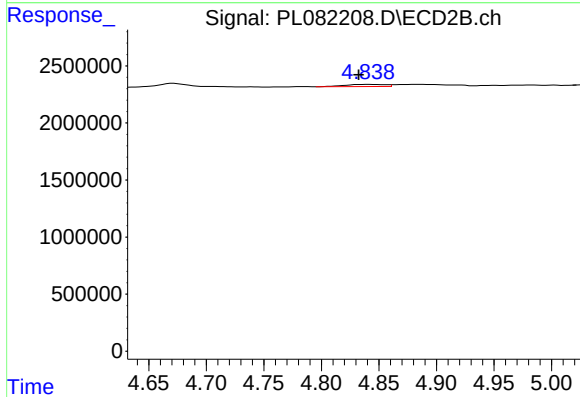
#9 Endosulfan I

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 45295  
Conc: 0.02 ng/ml



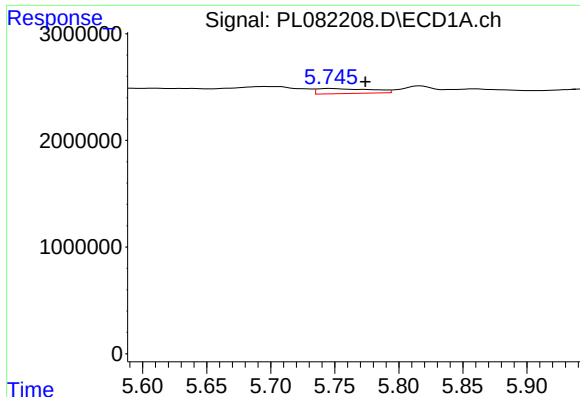
#10 gamma-Chlordane

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 3529867  
Conc: 1.17 ng/ml



#10 gamma-Chlordane

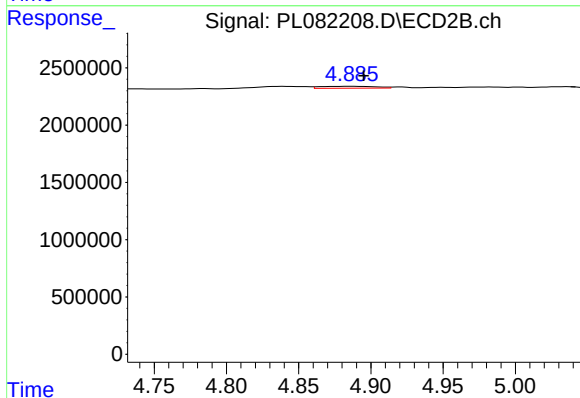
R.T.: 4.840 min  
Delta R.T.: 0.008 min  
Response: 459871  
Conc: 0.16 ng/ml



#11 alpha-Chlordane

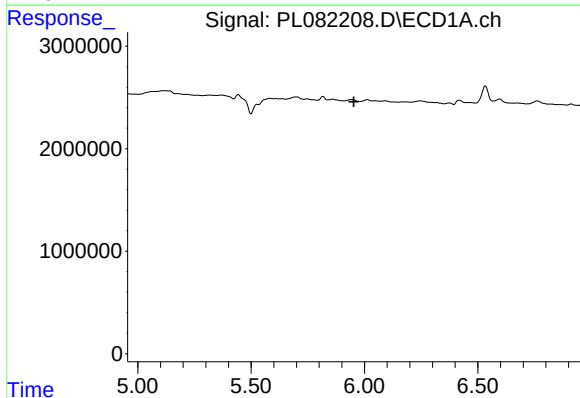
R.T.: 5.747 min  
Delta R.T.: -0.027 min  
Response: 1390527  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



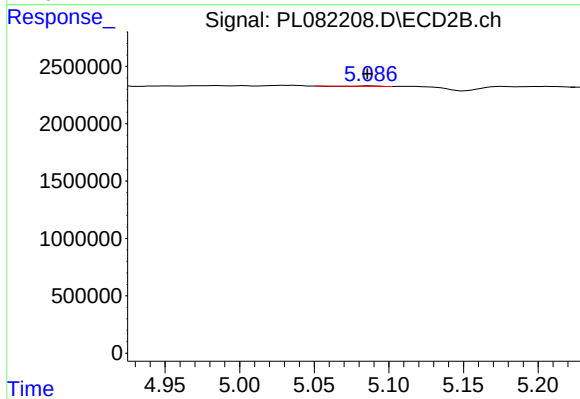
#11 alpha-Chlordane

R.T.: 4.887 min  
Delta R.T.: -0.008 min  
Response: 444459  
Conc: 0.15 ng/ml



#12 4,4'-DDE

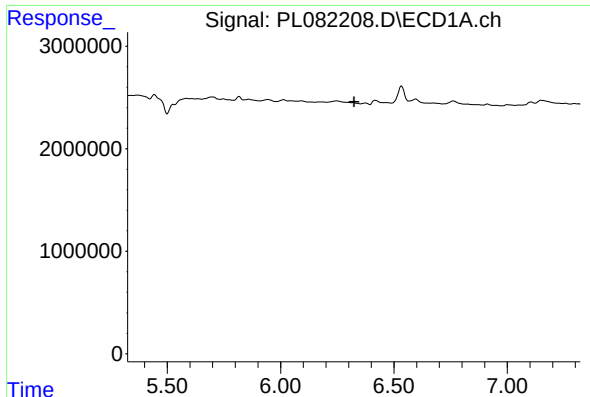
R.T.: 0.000 min  
Exp R.T. : 5.952 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.088 min  
Delta R.T.: 0.002 min  
Response: 29869  
Conc: 0.01 ng/ml

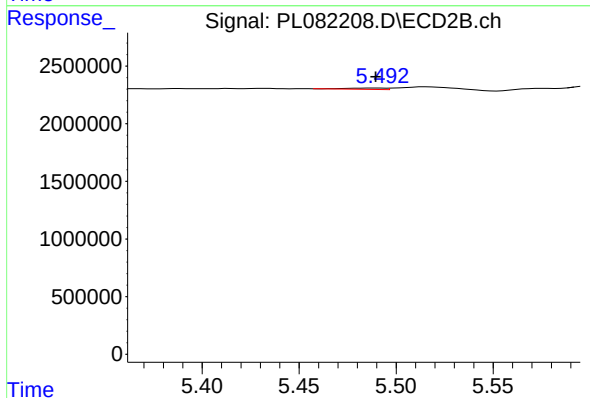




#14 Endrin

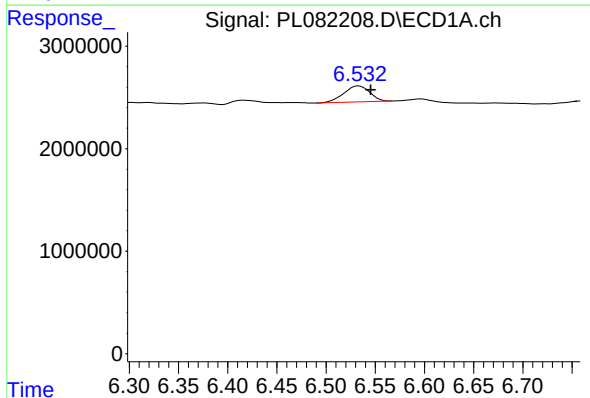
R.T.: 0.000 min  
Exp R.T.: 6.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



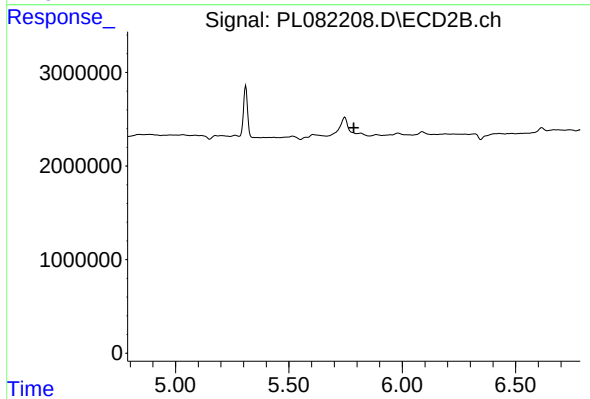
#14 Endrin

R.T.: 5.491 min  
Delta R.T.: 0.001 min  
Response: 162239  
Conc: 0.07 ng/ml



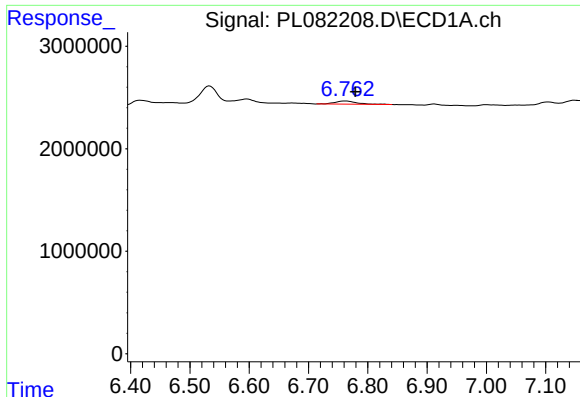
#15 Endosulfan II

R.T.: 6.533 min  
Delta R.T.: -0.012 min  
Response: 2876955  
Conc: 1.18 ng/ml



#15 Endosulfan II

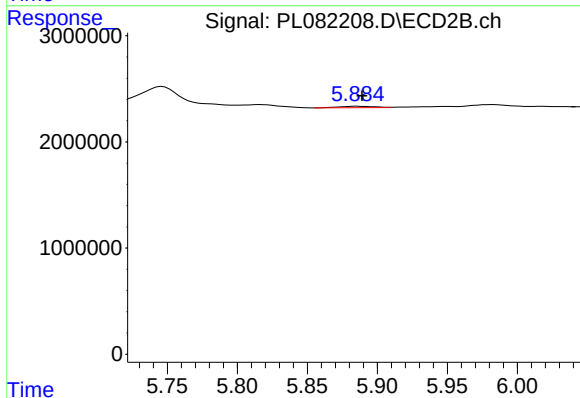
R.T.: 0.000 min  
Exp R.T.: 5.786 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

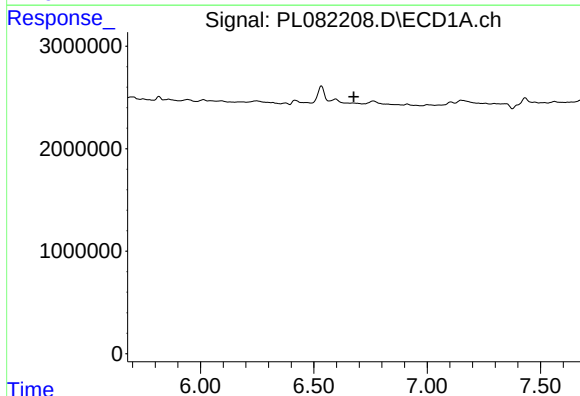
R.T.: 6.762 min  
Delta R.T.: -0.017 min  
Response: 770867  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



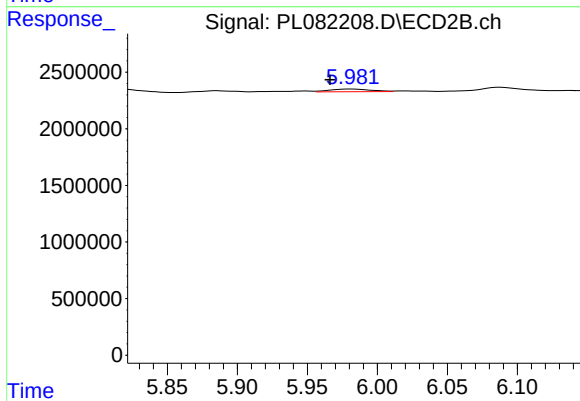
#17 4,4'-DDT

R.T.: 5.885 min  
Delta R.T.: -0.004 min  
Response: 231802  
Conc: 0.11 ng/ml



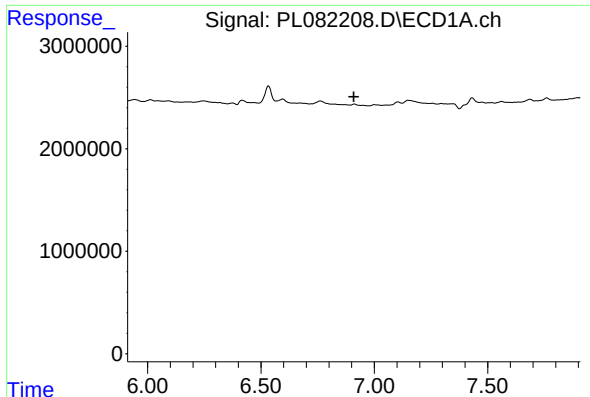
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.676 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

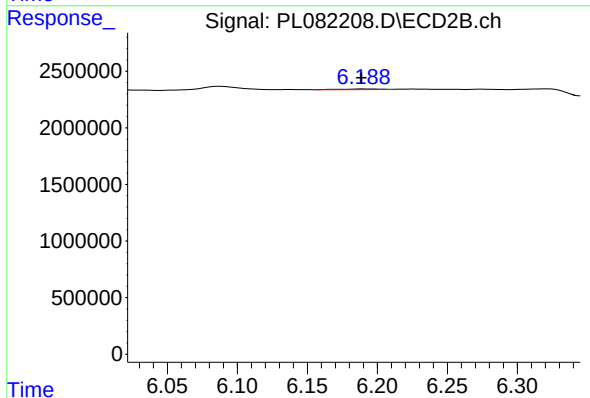
R.T.: 5.982 min  
Delta R.T.: 0.016 min  
Response: 488193  
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

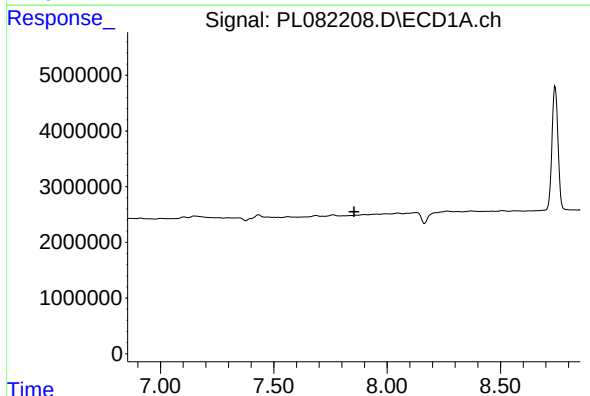
R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



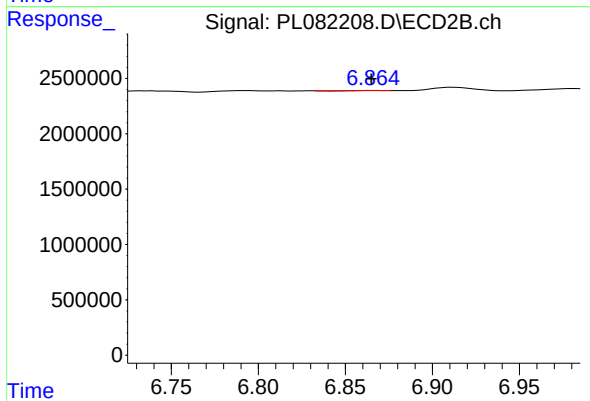
#19 Endosulfan Sulfate

R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 115973  
Conc: 0.05 ng/ml



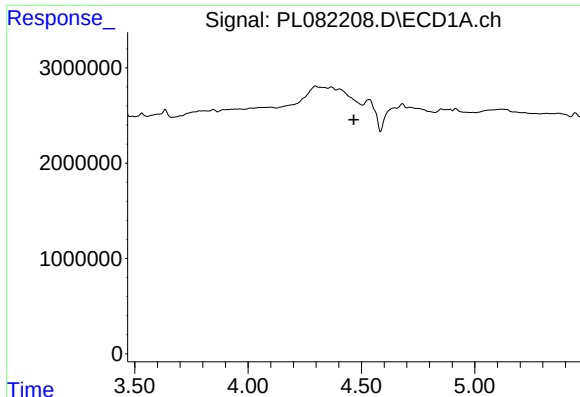
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.854 min  
Response: 0  
Conc: N.D.



#22 Mirex

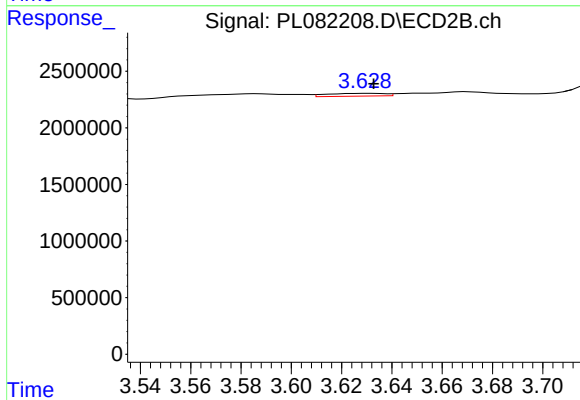
R.T.: 6.865 min  
Delta R.T.: 0.000 min  
Response: 1514  
Conc: 0.00 ng/ml



#23 Chlordane-1

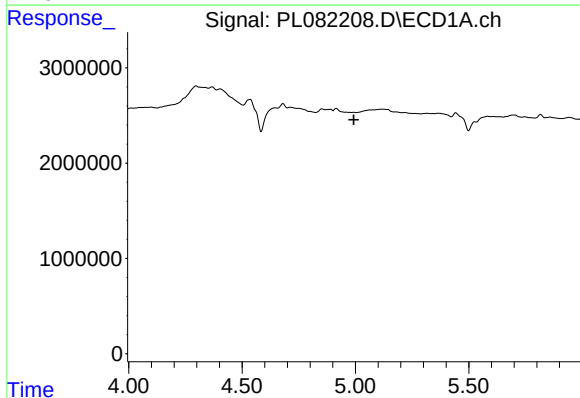
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



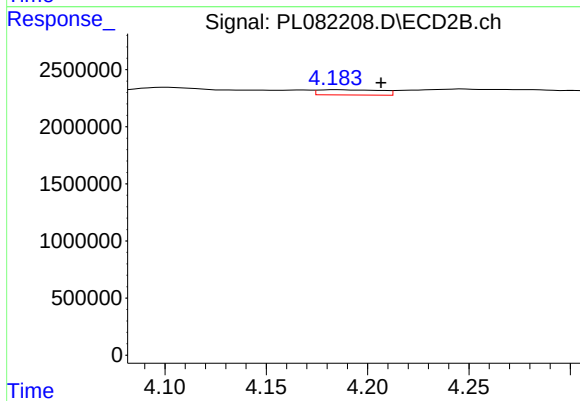
#23 Chlordane-1

R.T.: 3.631 min  
Delta R.T.: -0.002 min  
Response: 393441  
Conc: 4.44 ng/ml



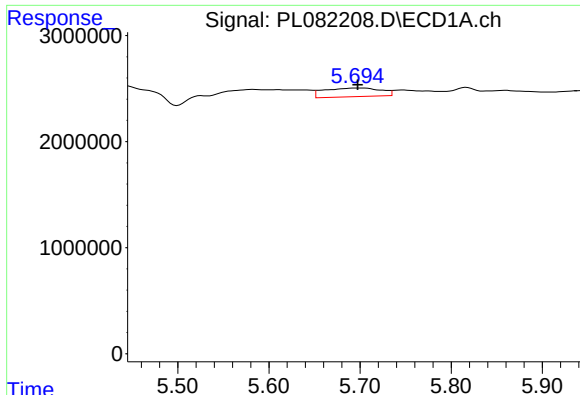
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.992 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

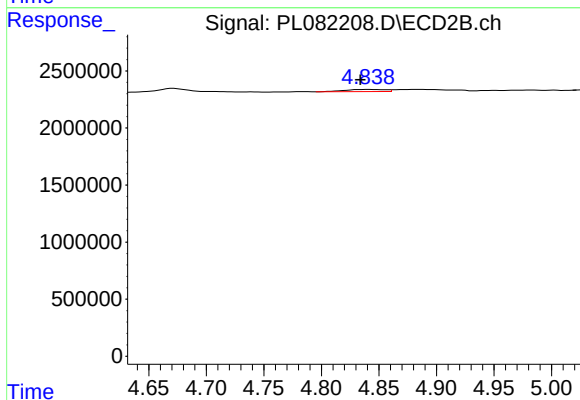
R.T.: 4.185 min  
Delta R.T.: -0.022 min  
Response: 979767  
Conc: 8.74 ng/ml



#25 Chlordane-3

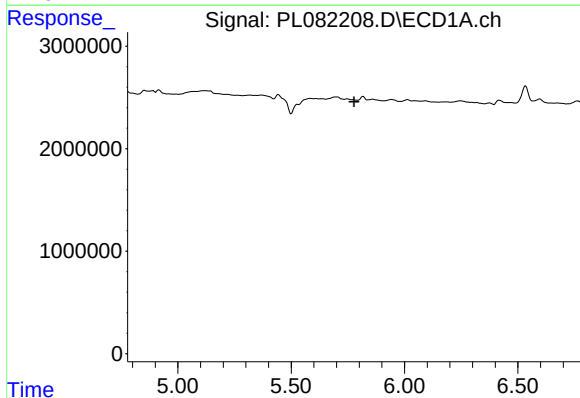
R.T.: 5.696 min  
Delta R.T.: -0.002 min  
Response: 3529867  
Conc: 8.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



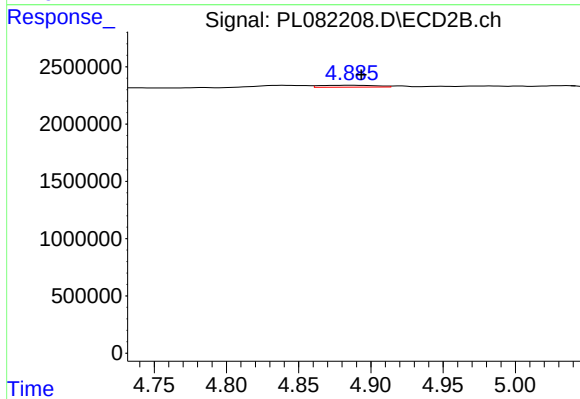
#25 Chlordane-3

R.T.: 4.840 min  
Delta R.T.: 0.007 min  
Response: 459871  
Conc: 1.62 ng/ml



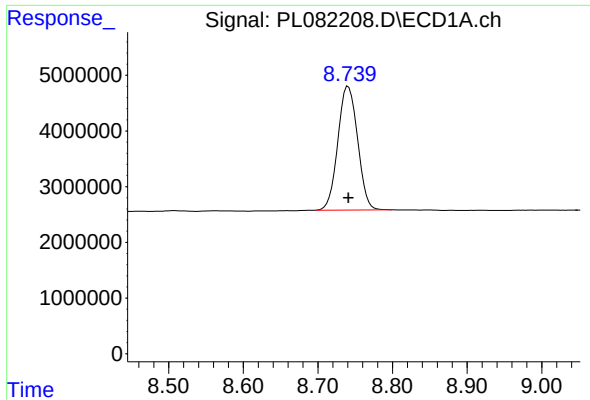
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.778 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

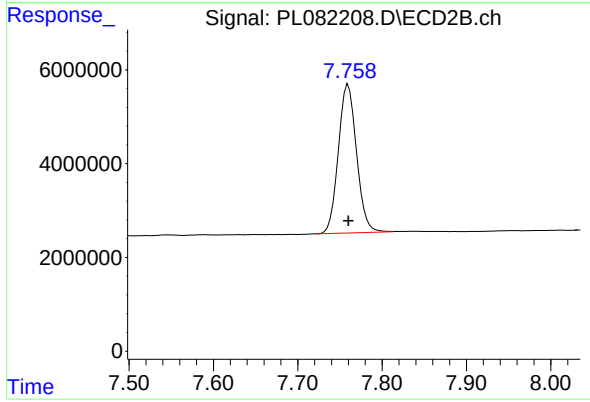
R.T.: 4.887 min  
Delta R.T.: -0.007 min  
Response: 444459  
Conc: 1.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min  
Delta R.T.: 0.000 min  
Response: 40910192  
Conc: 21.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 47475292  
Conc: 20.80 ng/ml