

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
 Data File : PL089341.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2024 20:01  
 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 02 23:13:31 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... | 3.551  | 2.797  | 45149489 | 29381483 | 22.421 | 22.900   |
| 28)                         | SA Decachlor... | 9.065  | 7.948  | 29526225 | 28626196 | 21.105 | 21.280   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.287  | 0        | 140435   | N.D.   | 0.074 #  |
| 3)                          | MA gamma-BHC... | 4.350  | 3.652f | 33998    | 181416   | 0.012  | 0.098 #  |
| 4)                          | MA Heptachlor   | 4.915  | 0.000  | 878660   | 0        | 0.354  | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 4.239f | 0        | 936249   | N.D.   | 0.530 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.939  | 0        | 73100    | N.D.   | 0.090 #  |
| 7)                          | B delta-BHC     | 4.769  | 4.164  | 386184   | 813568   | 0.146  | 0.452 #  |
| 8)                          | B Heptachlo...  | 5.690  | 4.785f | 14605475 | 15950    | 6.227  | 0.010 #  |
| 10)                         | B gamma-Chl...  | 5.975f | 5.010  | 2157755  | 550413   | 0.944  | 0.335 #  |
| 11)                         | B alpha-Chl...  | 6.040  | 5.075  | 3192372  | 546925   | 1.403  | 0.332 #  |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.276  | 750327   | 21609    | 0.371  | 0.015 #  |
| 13)                         | MA Dieldrin     | 6.364  | 5.404  | 67412    | 96789    | 0.030  | 0.060 #  |
| 14)                         | MA Endrin       | 6.566f | 5.687f | 6279598  | 1689526  | 3.315  | 1.175 #  |
| 15)                         | B Endosulfa...  | 6.778f | 5.952  | 5823128  | 163651   | 2.918  | 0.114 #  |
| 16)                         | A 4,4'-DDD      | 6.724  | 0.000  | 2616573  | 0        | 1.551  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.013f | 6.067  | 2107421  | 18584    | 1.146  | 0.014 #  |
| 18)                         | B Endrin al...  | 6.939  | 0.000  | 152182   | 0        | 0.101  | N.D. #   |
| 19)                         | B Endosulfa...  | 7.161  | 6.374  | 148464   | 291030   | 0.082  | 0.210 #  |
| 20)                         | A Methoxychlor  | 7.500  | 6.646  | 306468   | 91341    | 0.312  | 0.114 #  |
| 21)                         | B Endrin ke...  | 7.652  | 0.000  | 67327    | 0        | 0.034  | N.D. #   |
| 22)                         | Mirex           | 8.099f | 0.000  | 5238     | 0        | 0.003  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.804  | 0        | 73536    | N.D.   | 1.495 #  |
| 24)                         | Chlordane-2     | 5.233  | 4.382  | 8610526  | 1086146  | 81.932 | 17.074 # |
| 25)                         | Chlordane-3     | 5.975f | 5.010  | 2157755  | 550413   | 6.534  | 3.215 #  |
| 26)                         | Chlordane-4     | 6.040  | 5.075  | 3192372  | 546925   | 7.832  | 3.400 #  |
| 27)                         | Chlordane-5     | 6.885  | 5.759f | 602996   | 242790   | 7.246  | 4.744 #  |
| -----                       |                 |        |        |          |          |        |          |

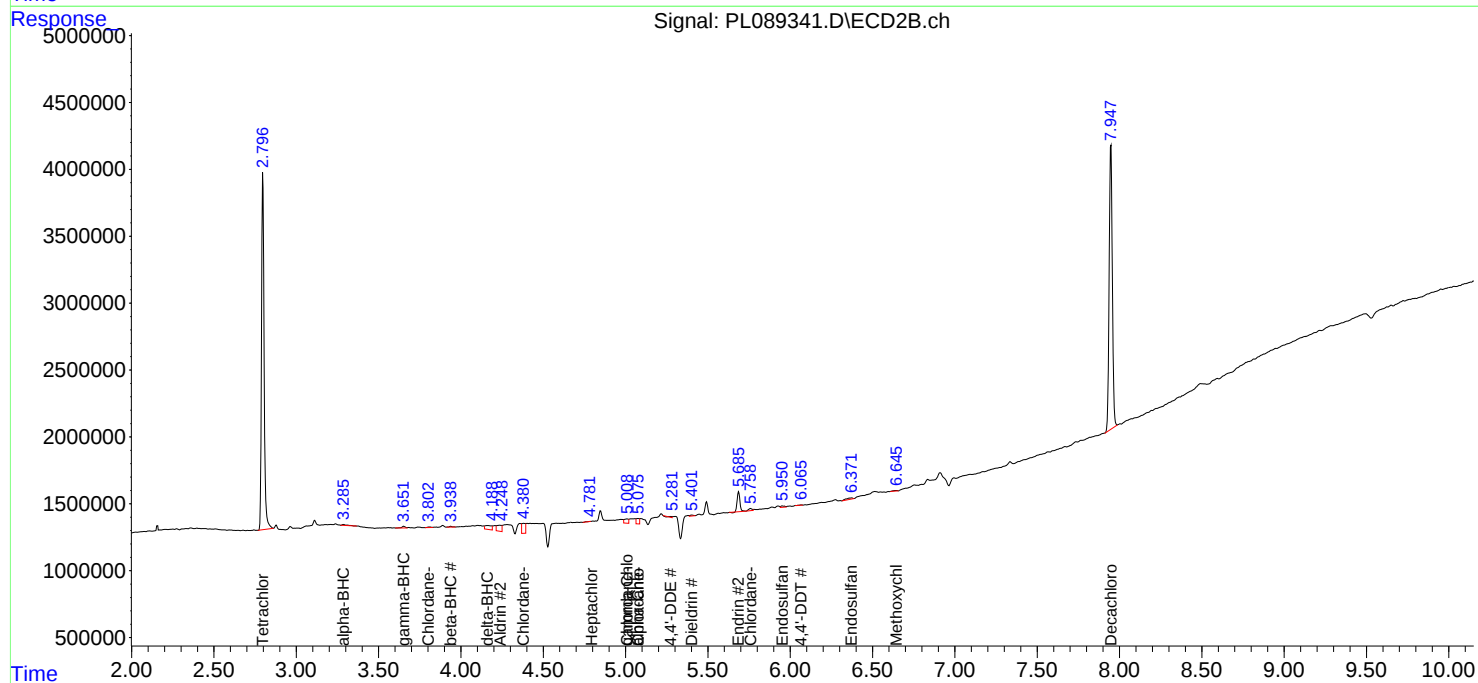
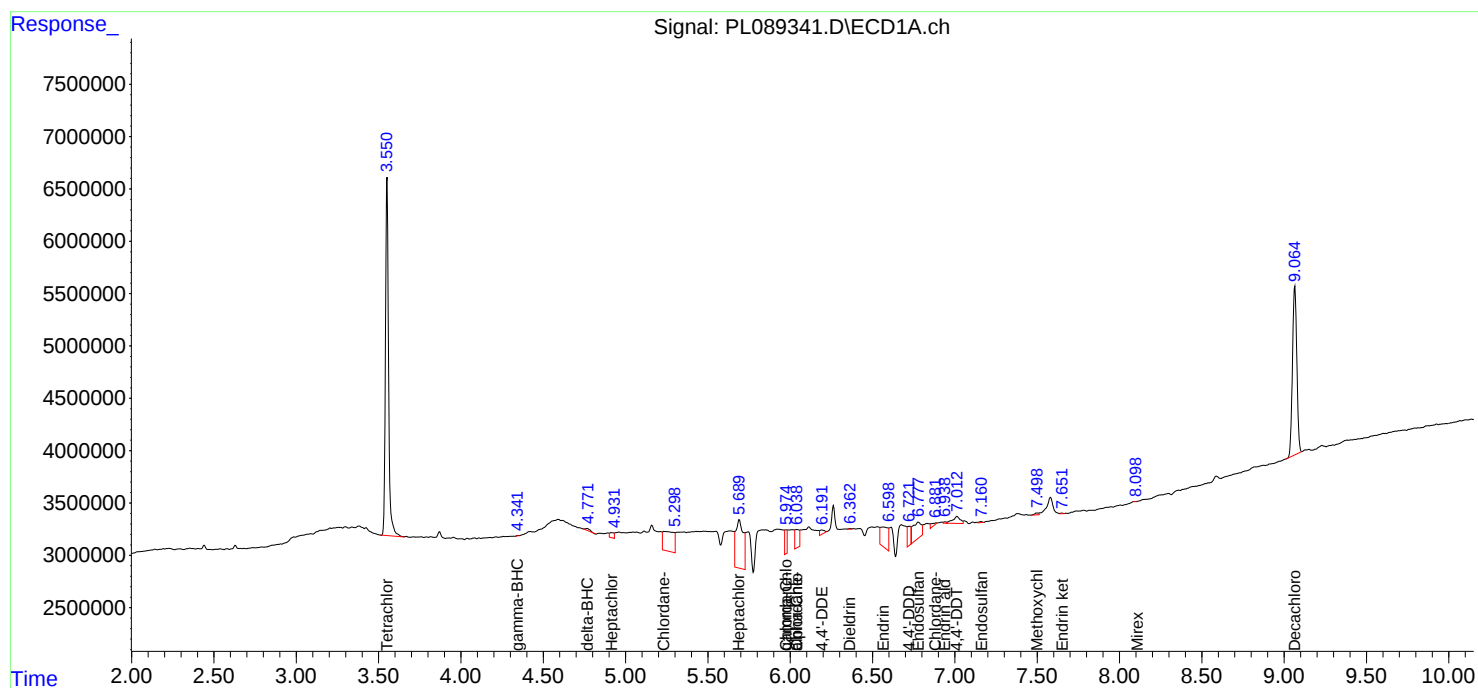
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

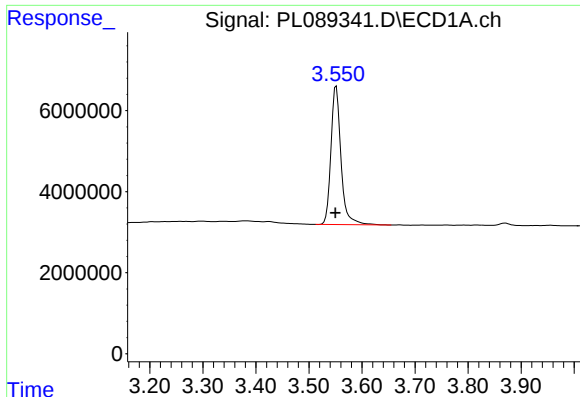
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
Data File : PL089341.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2024 20:01  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 23:13:31 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

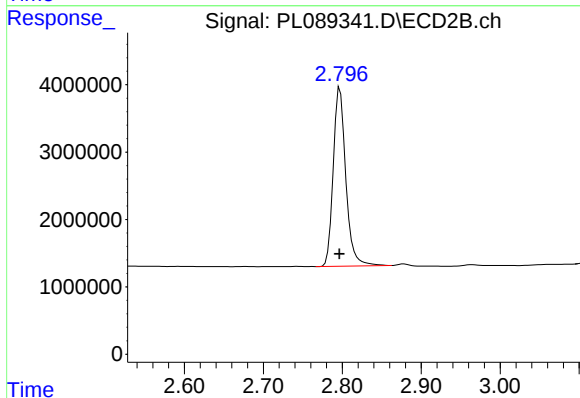




#1 Tetrachloro-m-xylene

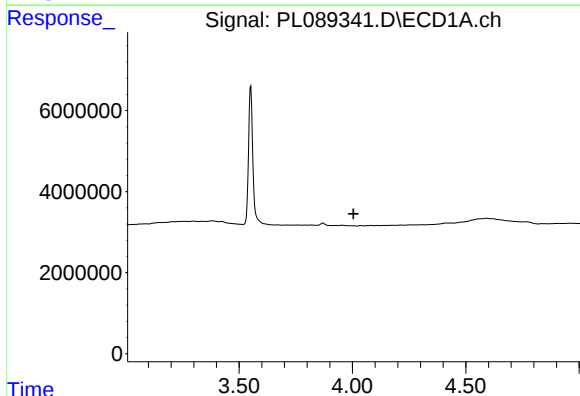
R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 45149489  
Conc: 22.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



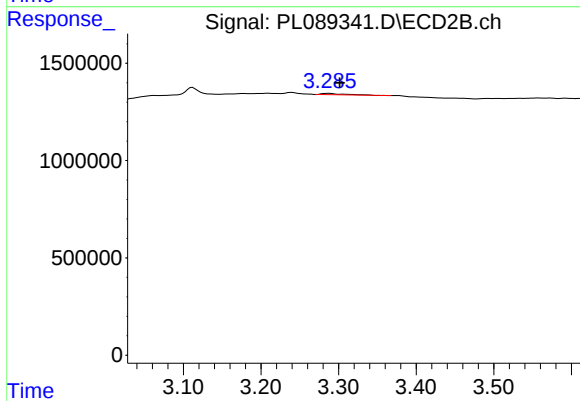
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 29381483  
Conc: 22.90 ng/ml



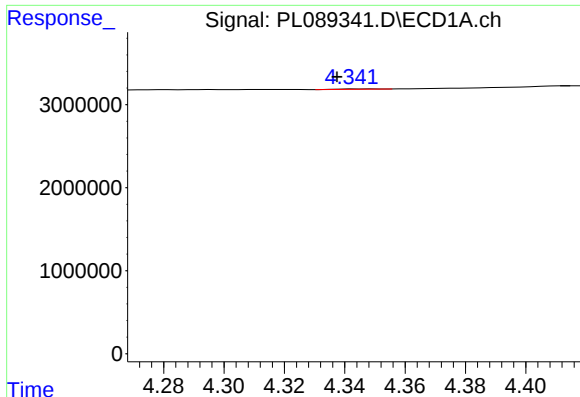
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.005 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

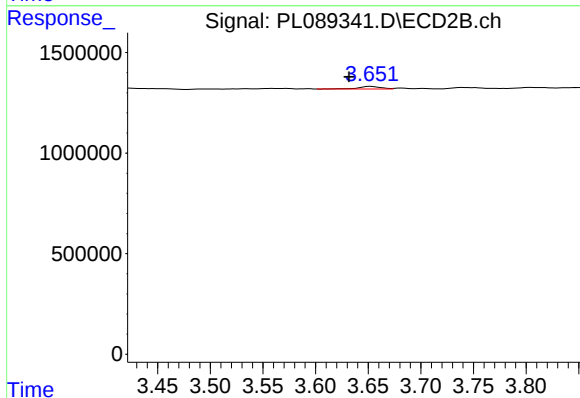
R.T.: 3.287 min  
Delta R.T.: -0.015 min  
Response: 140435  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

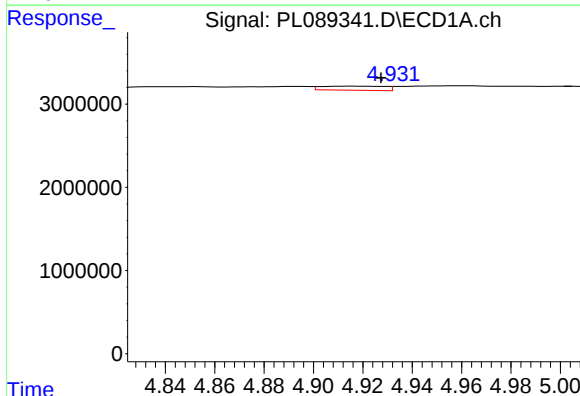
R.T.: 4.350 min  
Delta R.T.: 0.013 min  
Response: 33998  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



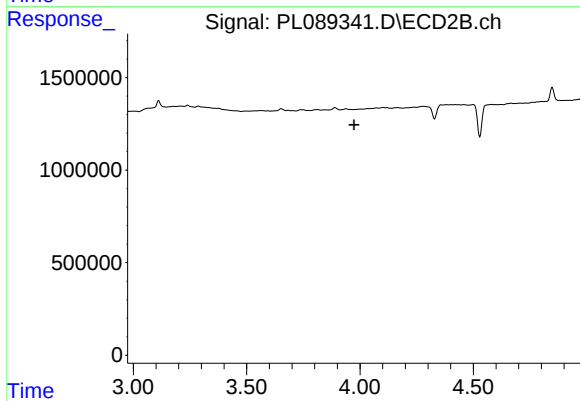
#3 gamma-BHC (Lindane)

R.T.: 3.652 min  
Delta R.T.: 0.020 min  
Response: 181416  
Conc: 0.10 ng/ml



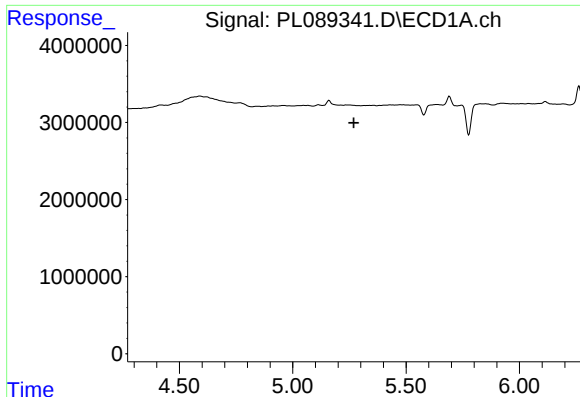
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.012 min  
Response: 878660  
Conc: 0.35 ng/ml



#4 Heptachlor

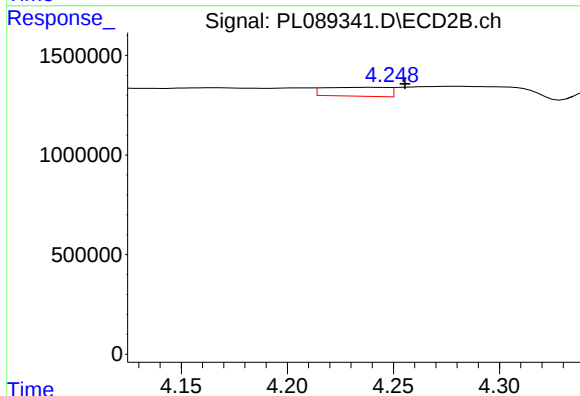
R.T.: 0.000 min  
Exp R.T.: 3.974 min  
Response: 0  
Conc: N.D.



#5 Aldrin

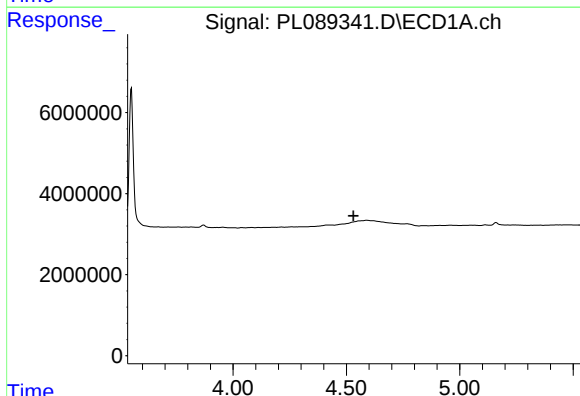
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



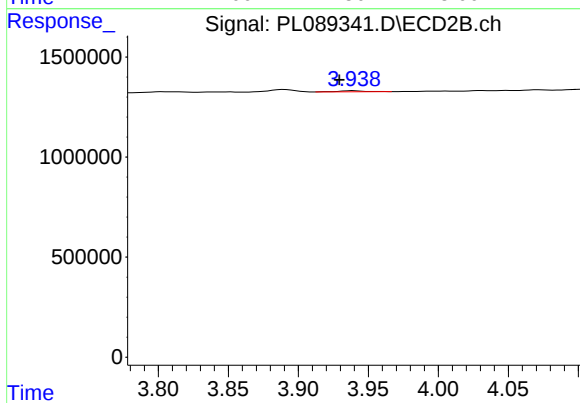
#5 Aldrin

R.T.: 4.239 min  
Delta R.T.: -0.017 min  
Response: 936249  
Conc: 0.53 ng/ml



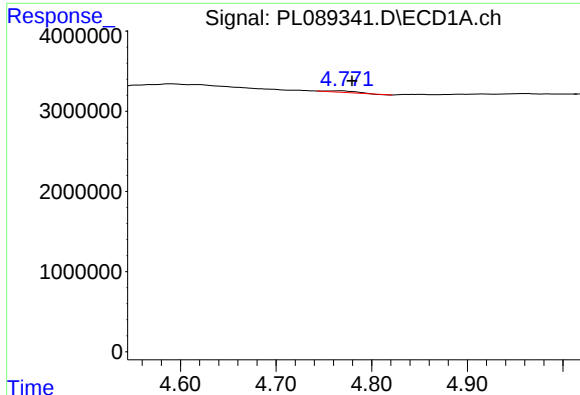
#6 beta-BHC

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



#6 beta-BHC

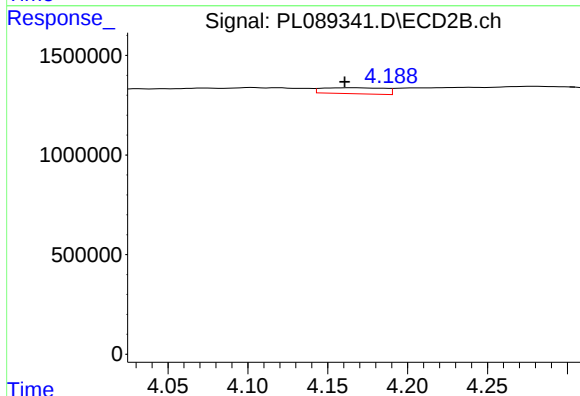
R.T.: 3.939 min  
Delta R.T.: 0.010 min  
Response: 73100  
Conc: 0.09 ng/ml



#7 delta-BHC

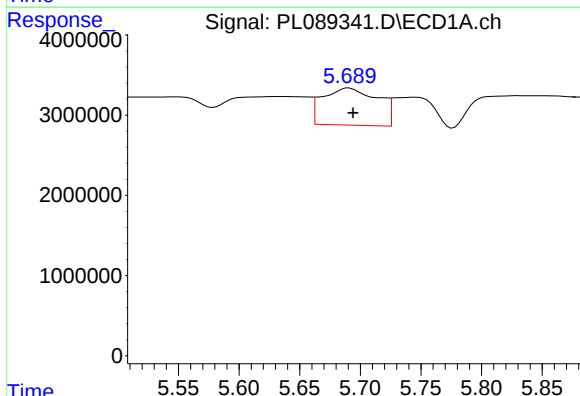
R.T.: 4.769 min  
Delta R.T.: -0.011 min  
Response: 386184  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



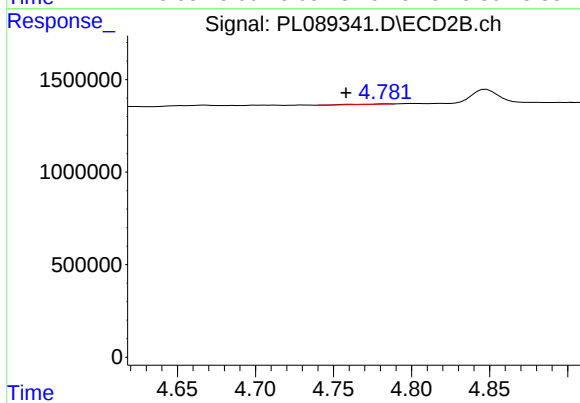
#7 delta-BHC

R.T.: 4.164 min  
Delta R.T.: 0.003 min  
Response: 813568  
Conc: 0.45 ng/ml



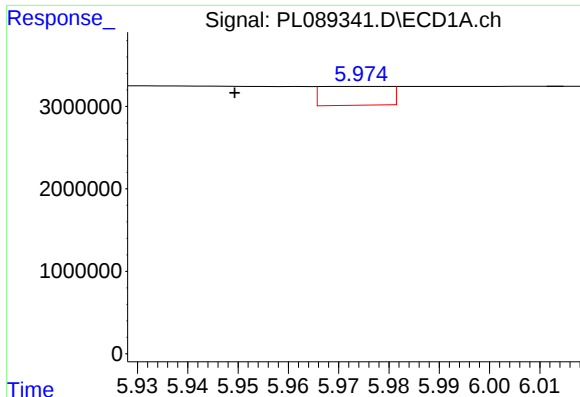
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.004 min  
Response: 14605475  
Conc: 6.23 ng/ml



#8 Heptachlor epoxide

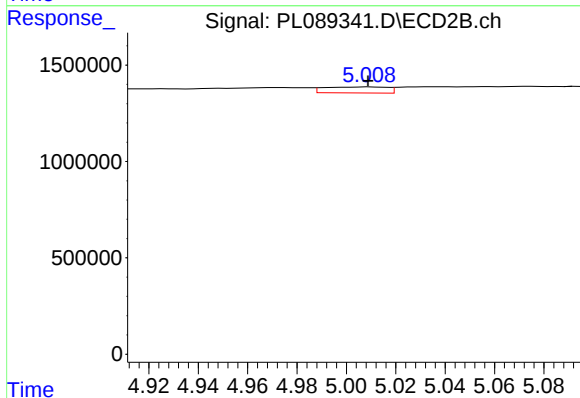
R.T.: 4.785 min  
Delta R.T.: 0.027 min  
Response: 15950  
Conc: 0.01 ng/ml



#10 gamma-Chlordane

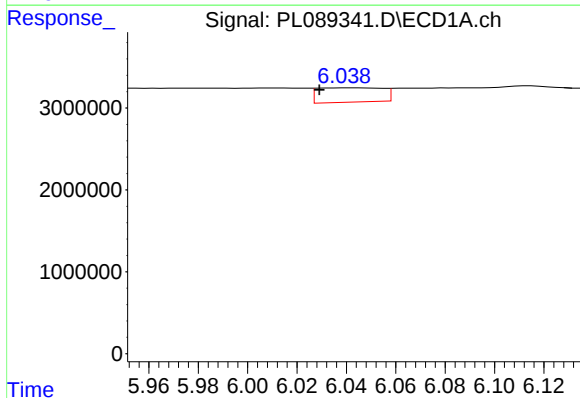
R.T.: 5.975 min  
Delta R.T.: 0.026 min  
Response: 2157755  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



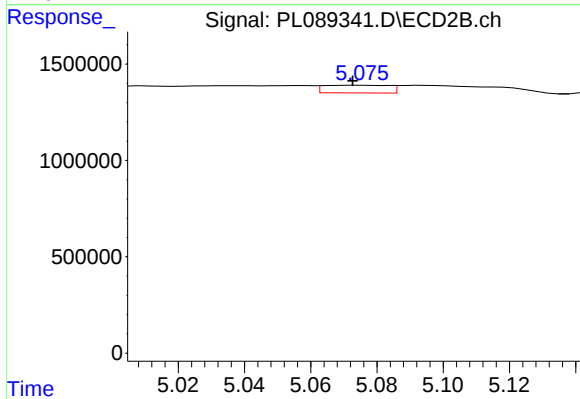
#10 gamma-Chlordane

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 550413  
Conc: 0.34 ng/ml



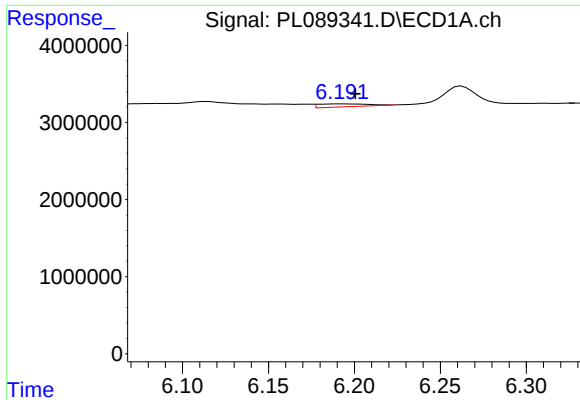
#11 alpha-Chlordane

R.T.: 6.040 min  
Delta R.T.: 0.011 min  
Response: 3192372  
Conc: 1.40 ng/ml



#11 alpha-Chlordane

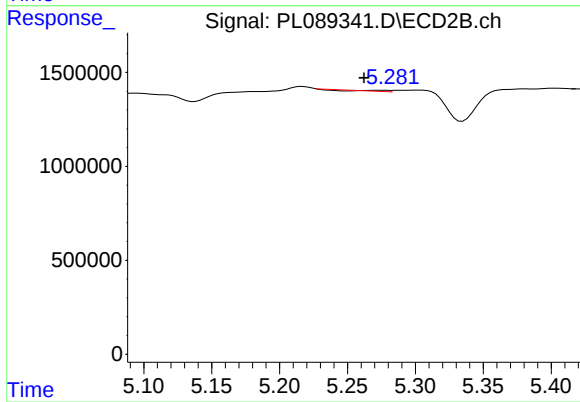
R.T.: 5.075 min  
Delta R.T.: 0.002 min  
Response: 546925  
Conc: 0.33 ng/ml



#12 4,4'-DDE

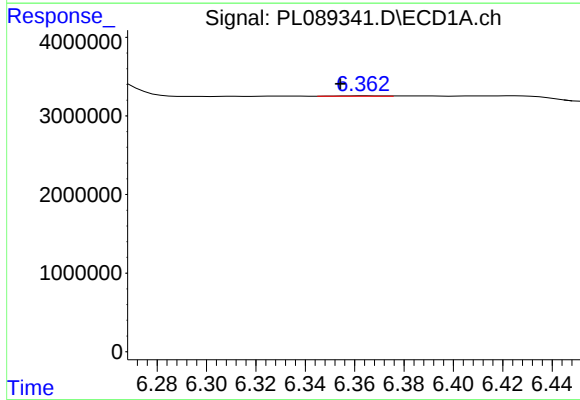
R.T.: 6.193 min  
Delta R.T.: -0.007 min  
Response: 750327  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



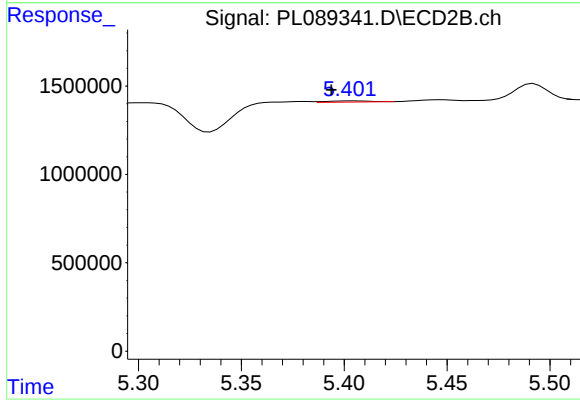
#12 4,4'-DDE

R.T.: 5.276 min  
Delta R.T.: 0.014 min  
Response: 21609  
Conc: 0.01 ng/ml



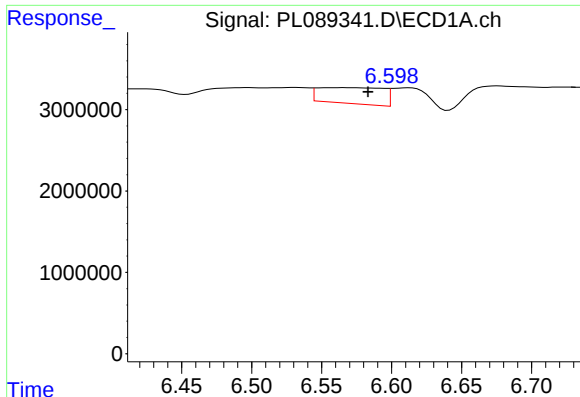
#13 Dieldrin

R.T.: 6.364 min  
Delta R.T.: 0.010 min  
Response: 67412  
Conc: 0.03 ng/ml



#13 Dieldrin

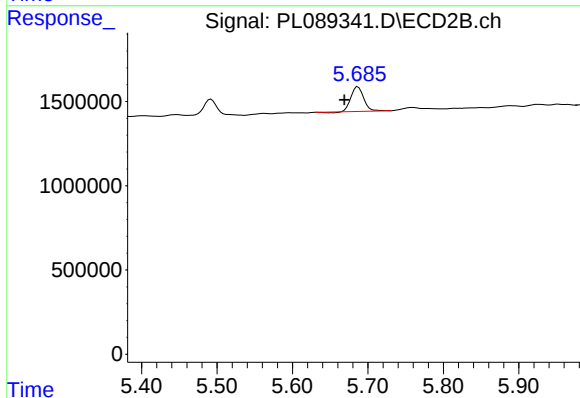
R.T.: 5.404 min  
Delta R.T.: 0.010 min  
Response: 96789  
Conc: 0.06 ng/ml



#14 Endrin

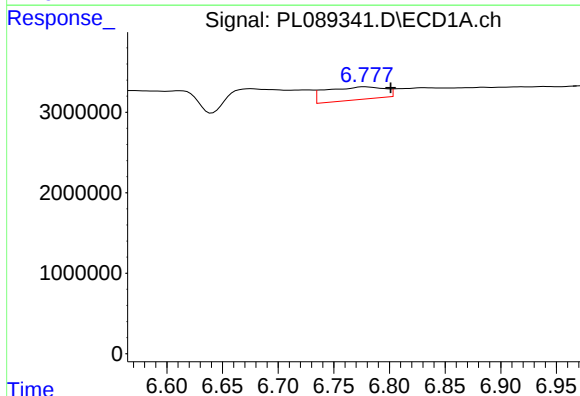
R.T.: 6.566 min  
Delta R.T.: -0.017 min  
Response: 6279598  
Conc: 3.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



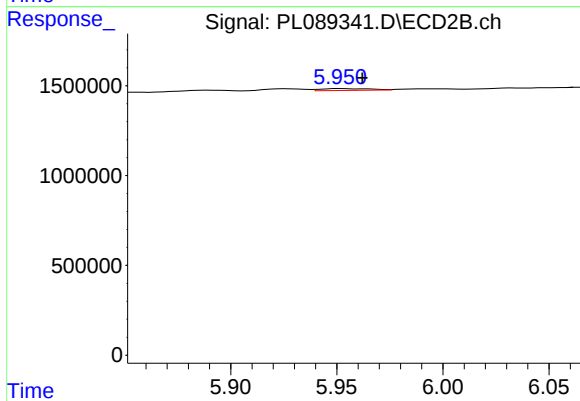
#14 Endrin

R.T.: 5.687 min  
Delta R.T.: 0.018 min  
Response: 1689526  
Conc: 1.18 ng/ml



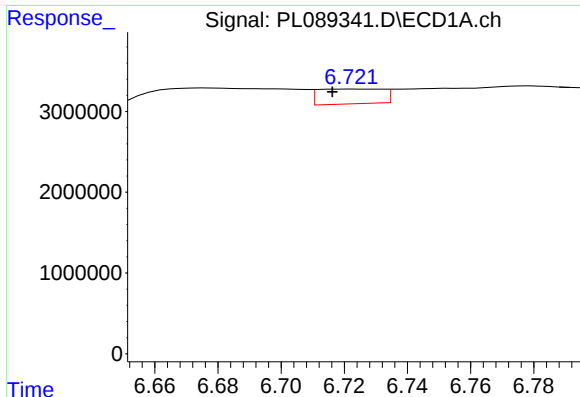
#15 Endosulfan II

R.T.: 6.778 min  
Delta R.T.: -0.023 min  
Response: 5823128  
Conc: 2.92 ng/ml



#15 Endosulfan II

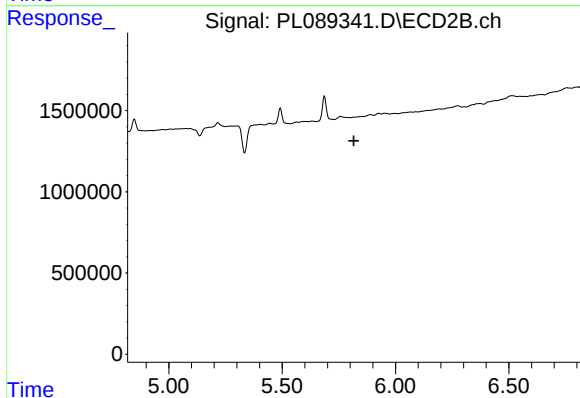
R.T.: 5.952 min  
Delta R.T.: -0.010 min  
Response: 163651  
Conc: 0.11 ng/ml



#16 4,4'-DDD

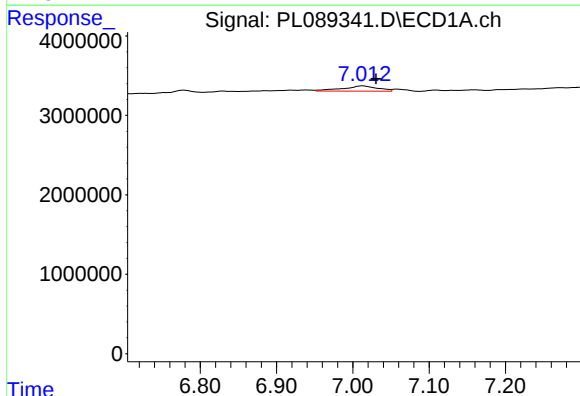
R.T.: 6.724 min  
Delta R.T.: 0.008 min  
Response: 2616573  
Conc: 1.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



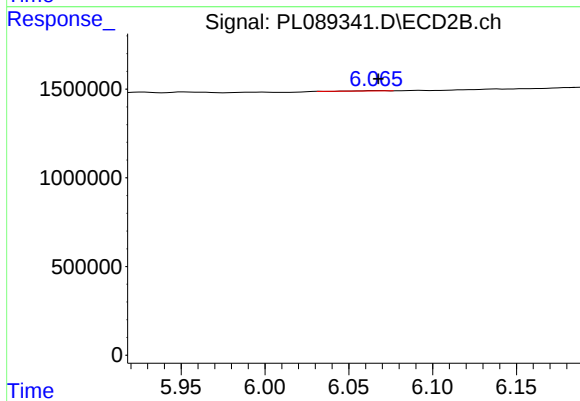
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.816 min  
Response: 0  
Conc: N.D.



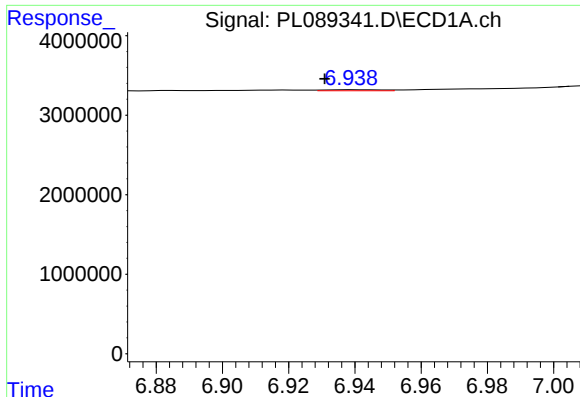
#17 4,4'-DDT

R.T.: 7.013 min  
Delta R.T.: -0.017 min  
Response: 2107421  
Conc: 1.15 ng/ml



#17 4,4'-DDT

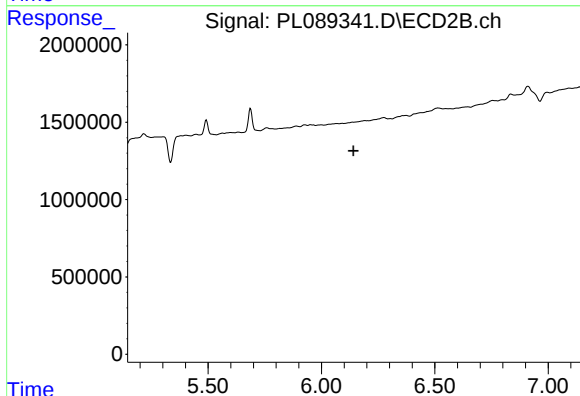
R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 18584  
Conc: 0.01 ng/ml



#18 Endrin aldehyde

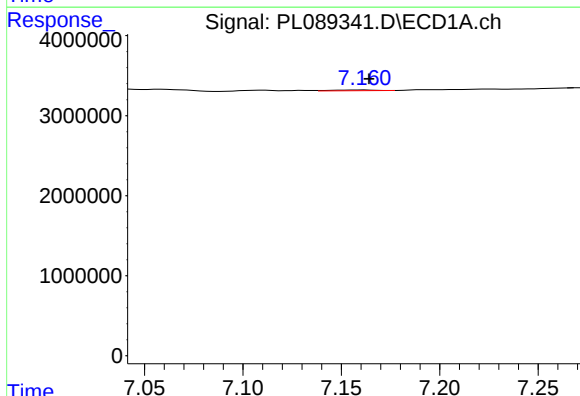
R.T.: 6.939 min  
Delta R.T.: 0.008 min  
Response: 152182  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



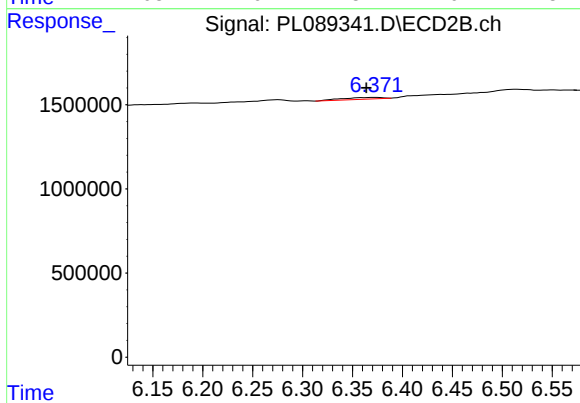
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.142 min  
Response: 0  
Conc: N.D.



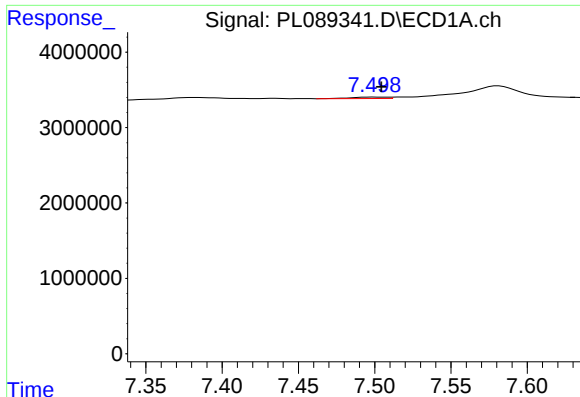
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: -0.003 min  
Response: 148464  
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

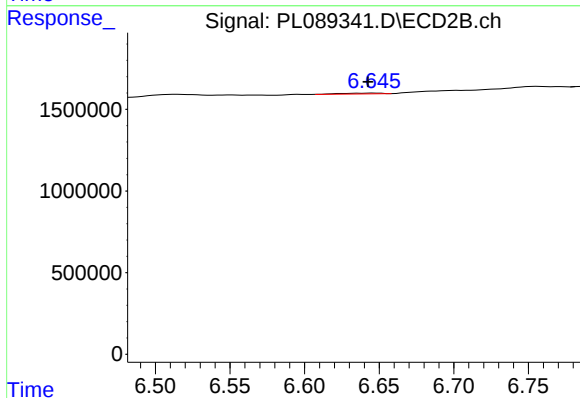
R.T.: 6.374 min  
Delta R.T.: 0.010 min  
Response: 291030  
Conc: 0.21 ng/ml



#20 Methoxychlor

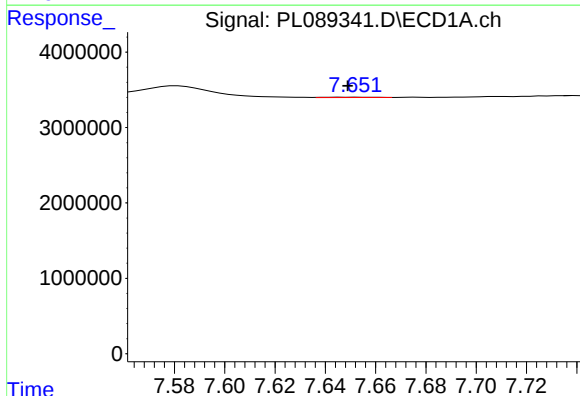
R.T.: 7.500 min  
Delta R.T.: -0.005 min  
Response: 306468  
Conc: 0.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



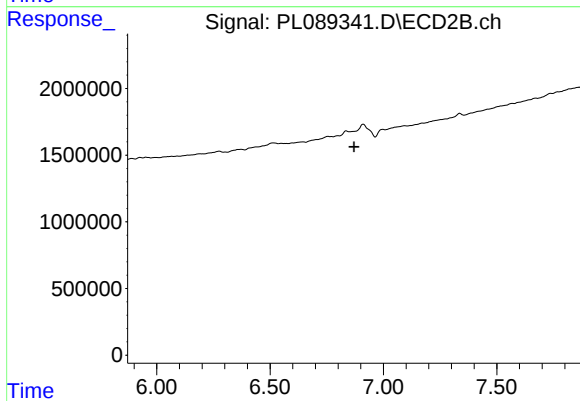
#20 Methoxychlor

R.T.: 6.646 min  
Delta R.T.: 0.004 min  
Response: 91341  
Conc: 0.11 ng/ml



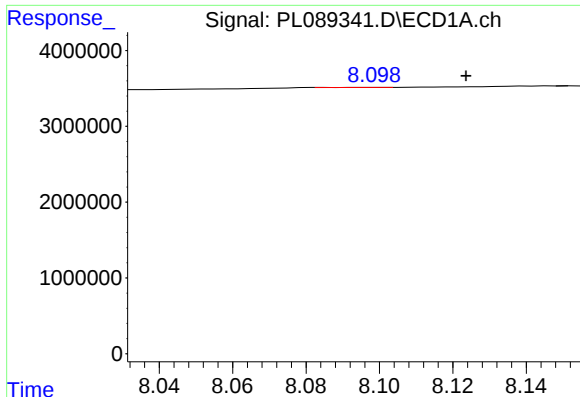
#21 Endrin ketone

R.T.: 7.652 min  
Delta R.T.: 0.003 min  
Response: 67327  
Conc: 0.03 ng/ml



#21 Endrin ketone

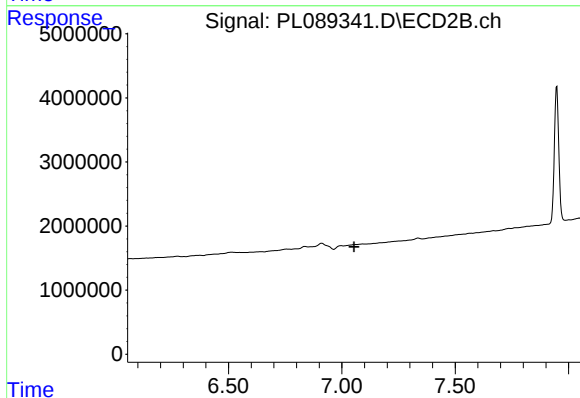
R.T.: 0.000 min  
Exp R.T.: 6.871 min  
Response: 0  
Conc: N.D.



#22 Mirex

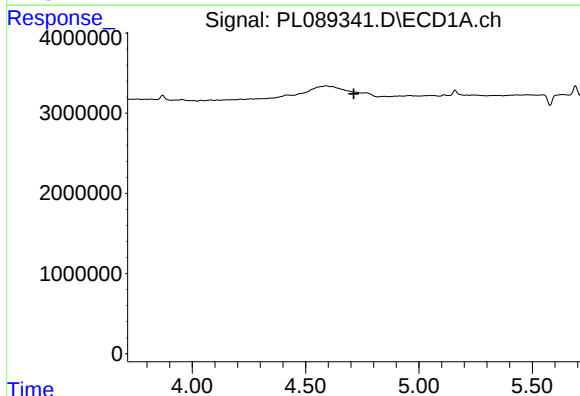
R.T.: 8.099 min  
Delta R.T.: -0.025 min  
Response: 5238  
Conc: 0.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



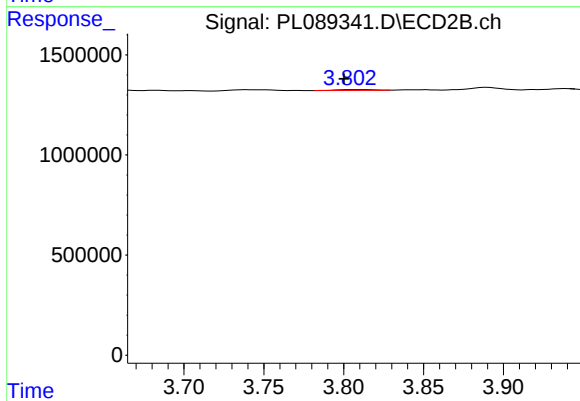
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.054 min  
Response: 0  
Conc: N.D.



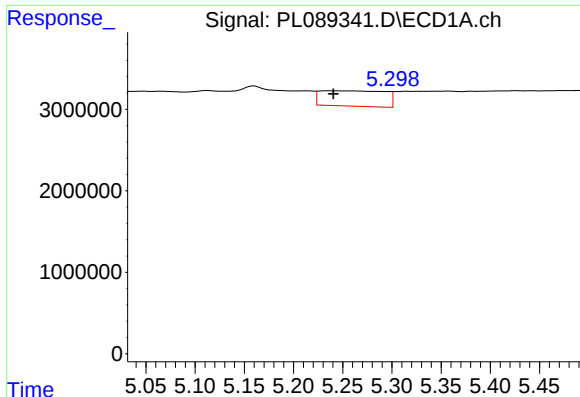
#23 Chlordane-1

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



#23 Chlordane-1

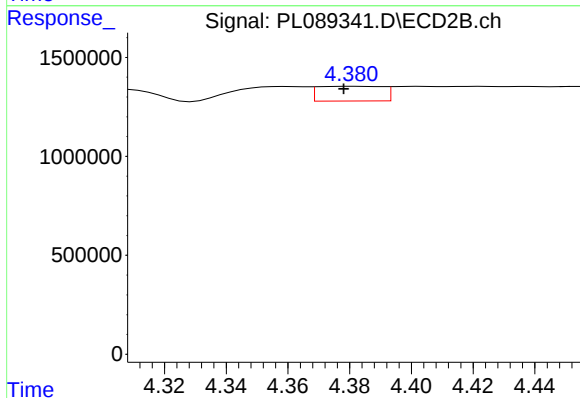
R.T.: 3.804 min  
Delta R.T.: 0.004 min  
Response: 73536  
Conc: 1.49 ng/ml



#24 Chlordane-2

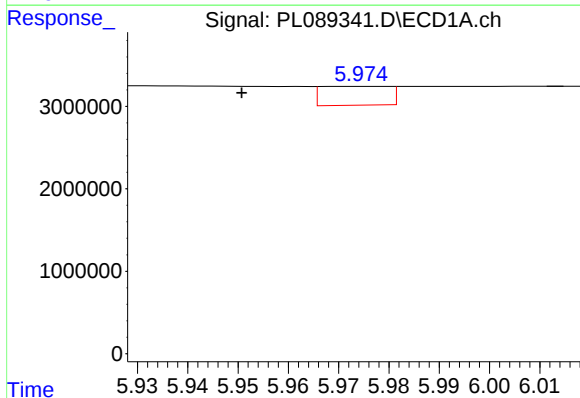
R.T.: 5.233 min  
Delta R.T.: -0.007 min  
Response: 8610526  
Conc: 81.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



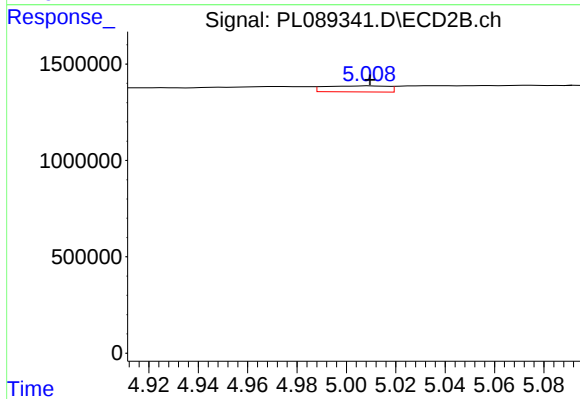
#24 Chlordane-2

R.T.: 4.382 min  
Delta R.T.: 0.004 min  
Response: 1086146  
Conc: 17.07 ng/ml



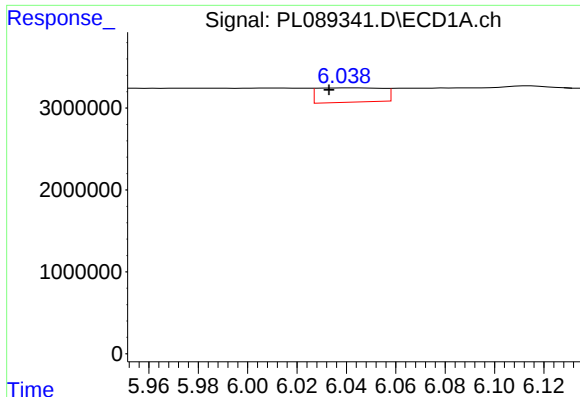
#25 Chlordane-3

R.T.: 5.975 min  
Delta R.T.: 0.024 min  
Response: 2157755  
Conc: 6.53 ng/ml



#25 Chlordane-3

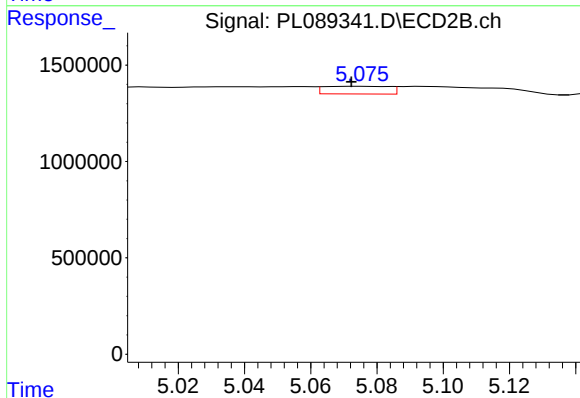
R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 550413  
Conc: 3.21 ng/ml



#26 Chlordane-4

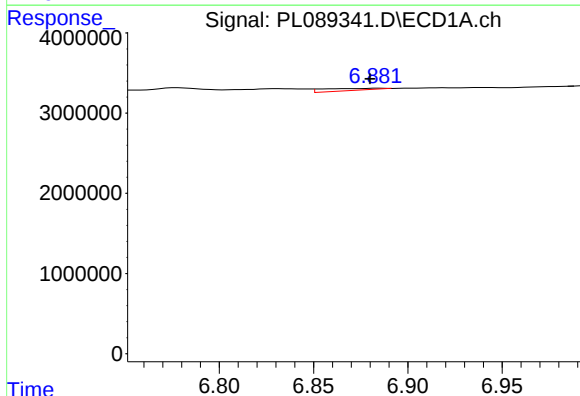
R.T.: 6.040 min  
Delta R.T.: 0.007 min  
Response: 3192372  
Conc: 7.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



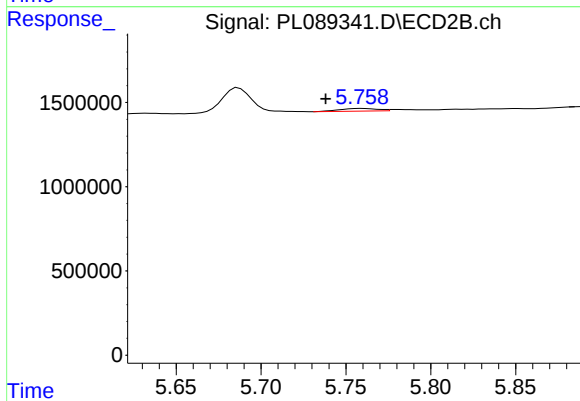
#26 Chlordane-4

R.T.: 5.075 min  
Delta R.T.: 0.002 min  
Response: 546925  
Conc: 3.40 ng/ml



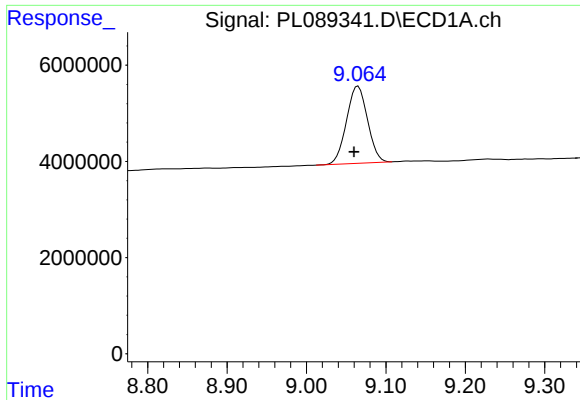
#27 Chlordane-5

R.T.: 6.885 min  
Delta R.T.: 0.005 min  
Response: 602996  
Conc: 7.25 ng/ml



#27 Chlordane-5

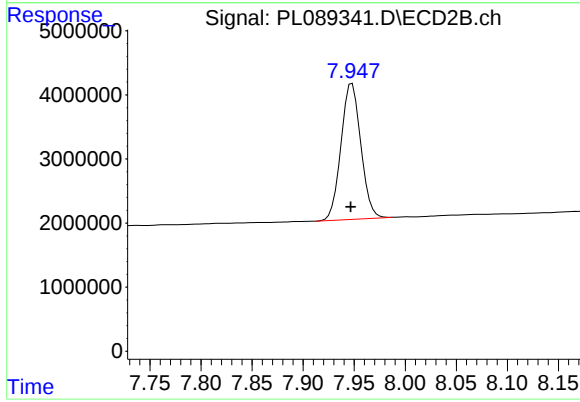
R.T.: 5.759 min  
Delta R.T.: 0.021 min  
Response: 242790  
Conc: 4.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.005 min  
Response: 29526225  
Conc: 21.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: 0.001 min  
Response: 28626196  
Conc: 21.28 ng/ml