

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050225\  
 Data File : PD088386.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2025 10:10  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 02 22:51:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.551  | 2.881  | 43941366 | 312.8E6  | 21.999 | 21.392   |
| 28)                         | SA Decachlor... | 9.077  | 8.075  | 73707476 | 390.5E6  | 22.281 | 21.129   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.383  | 0        | 706274   | N.D.   | 0.031 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.734  | 0        | 142386   | N.D.   | 0.007 #  |
| 4)                          | MA Heptachlor   | 4.918  | 4.082  | 1045702  | 1239017  | 0.259  | 0.058 #  |
| 5)                          | MB Aldrin       | 5.259  | 4.381  | 233445   | 2550606  | 0.059  | 0.123 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.044f | 0        | 3084333  | N.D.   | 0.333 #  |
| 7)                          | B delta-BHC     | 4.779  | 4.263  | 3740562  | 1406704  | 0.907  | 0.066 #  |
| 8)                          | B Heptachlo...  | 5.683  | 4.881  | 2346033  | 2973745  | 0.656  | 0.157 #  |
| 9)                          | A Endosulfan I  | 6.066  | 0.000  | 523617   | 0        | 0.155  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.923f | 5.155f | 4388673  | 113.2E6  | 1.212  | 5.580 #  |
| 11)                         | B alpha-Chl...  | 5.999f | 0.000  | 4157666  | 0        | 1.152  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.380  | 0        | 35387410 | N.D.   | 1.797 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.513  | 0        | 765728   | N.D.   | 0.038 #  |
| 14)                         | MA Endrin       | 0.000  | 5.796  | 0        | 17308002 | N.D.   | 0.951 #  |
| 15)                         | B Endosulfa...  | 6.774  | 6.072  | 2311410  | 8956076  | 0.739  | 0.511 #  |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.946  | 4850281  | 74928    | 1.929  | 0.005 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.194  | 0        | 10257913 | N.D.   | 0.603 #  |
| 18)                         | B Endrin al...  | 6.929  | 6.267  | 964677   | 4008562  | 0.418  | 0.301 #  |
| 19)                         | B Endosulfa...  | 7.142  | 6.477  | 595987   | 7300076  | 0.207  | 0.426 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.745  | 0        | 2671468  | N.D.   | 0.293 #  |
| 22)                         | Mirex           | 8.118  | 7.205f | 104413   | 3885937  | 0.044  | 0.262 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.899  | 0        | 2087797  | N.D.   | 2.604 #  |
| 24)                         | Chlordane-2     | 5.259  | 4.507  | 233445   | 71196414 | 1.402  | 86.267 # |
| 25)                         | Chlordane-3     | 5.923f | 5.155f | 4388673  | 113.2E6  | 6.506  | 44.778 # |
| 26)                         | Chlordane-4     | 0.000  | 5.155f | 0        | 113.2E6  | N.D.   | 52.964 # |
| 27)                         | Chlordane-5     | 0.000  | 6.102  | 0        | 8616734  | N.D.   | 8.924 #  |
| -----                       |                 |        |        |          |          |        |          |

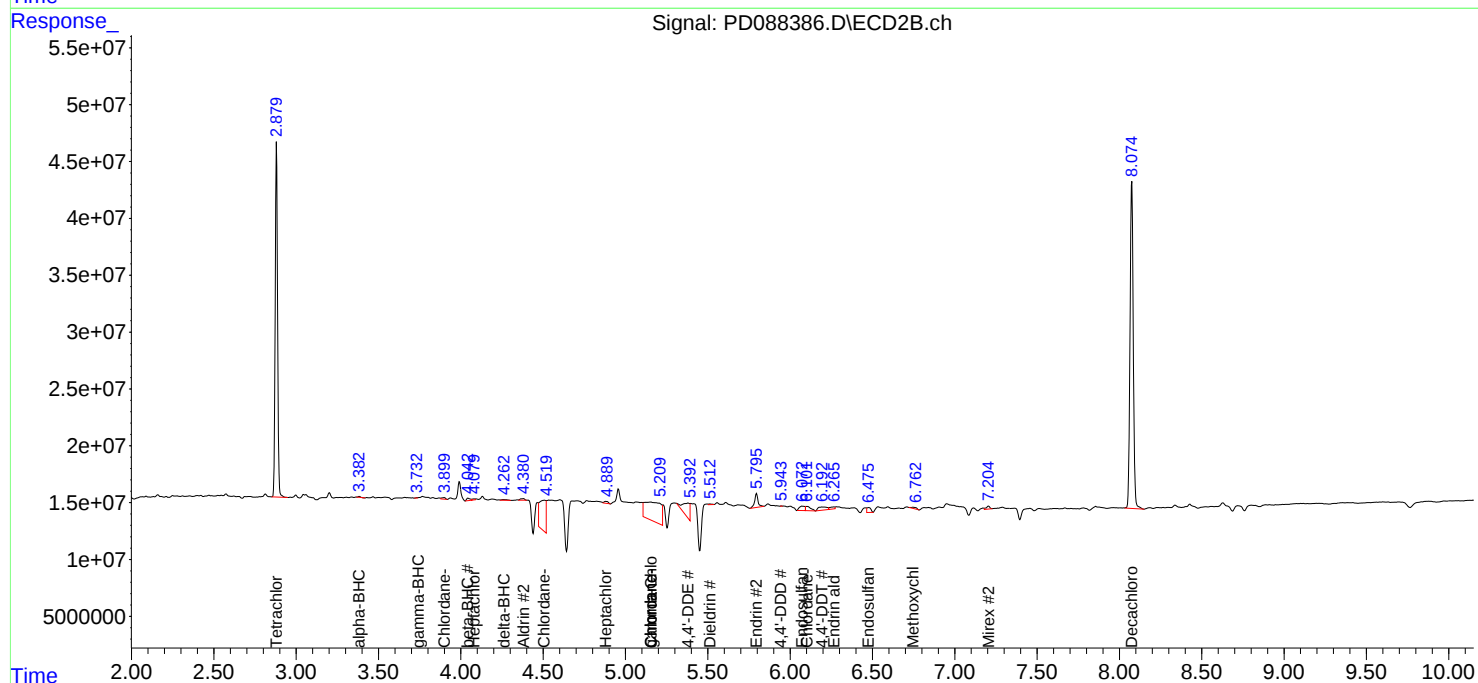
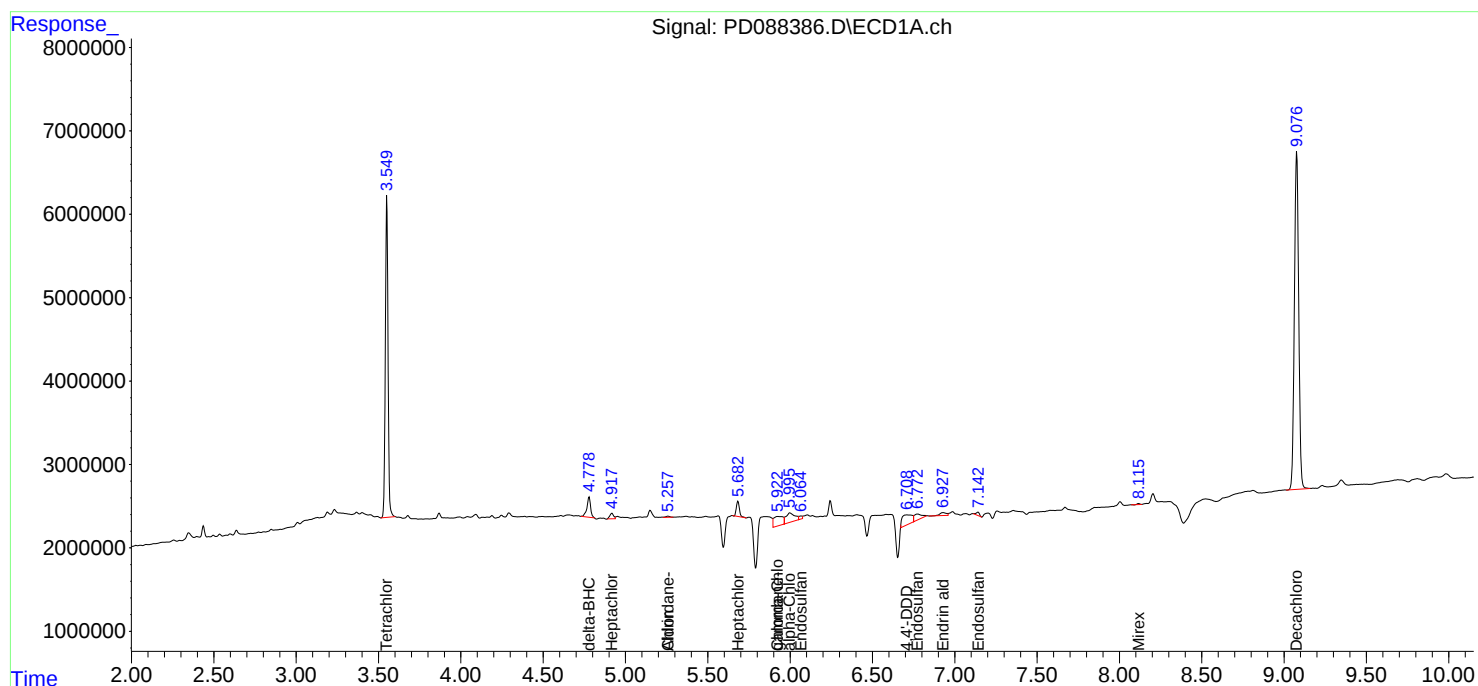
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

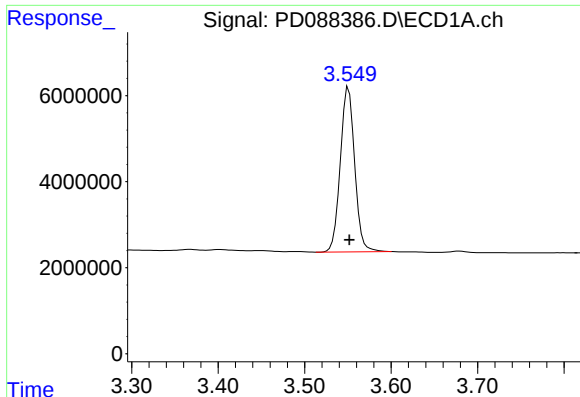
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050225\  
Data File : PD088386.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2025 10:10  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 22:51:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

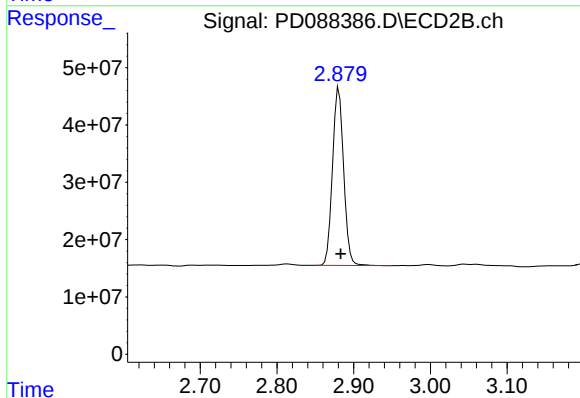




#1 Tetrachloro-m-xylene

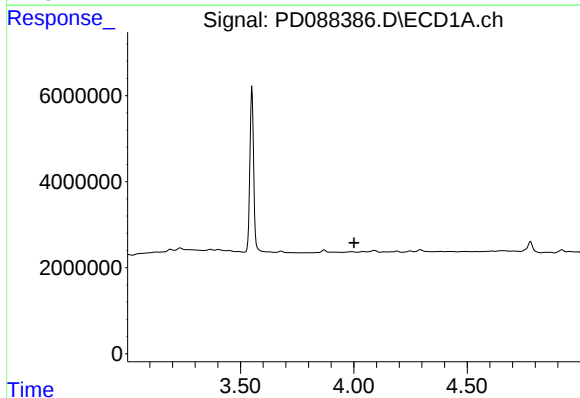
R.T.: 3.551 min  
Delta R.T.: -0.001 min  
Response: 43941366  
Conc: 22.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



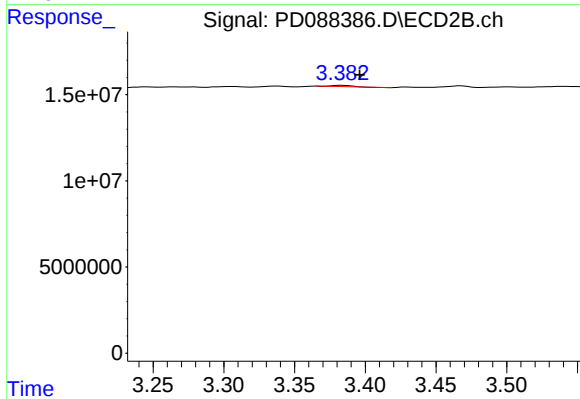
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: -0.002 min  
Response: 312778910  
Conc: 21.39 ng/ml



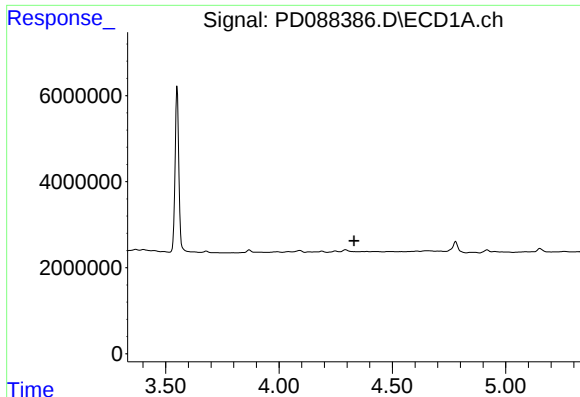
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.001 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

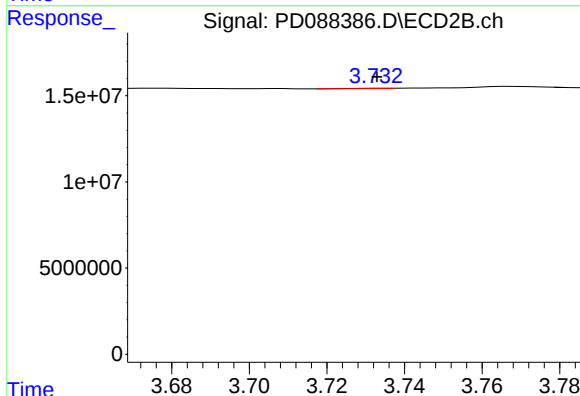
R.T.: 3.383 min  
Delta R.T.: -0.013 min  
Response: 706274  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

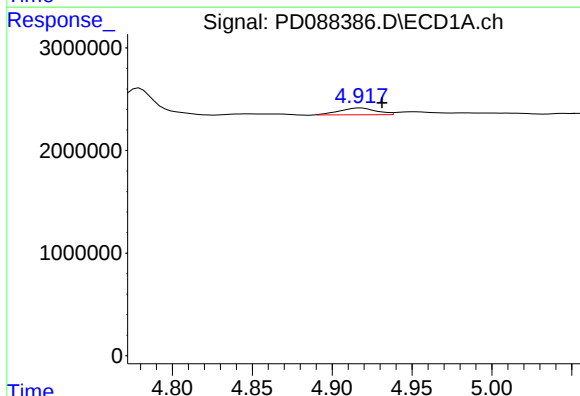
R.T.: 0.000 min  
Exp R.T.: 4.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



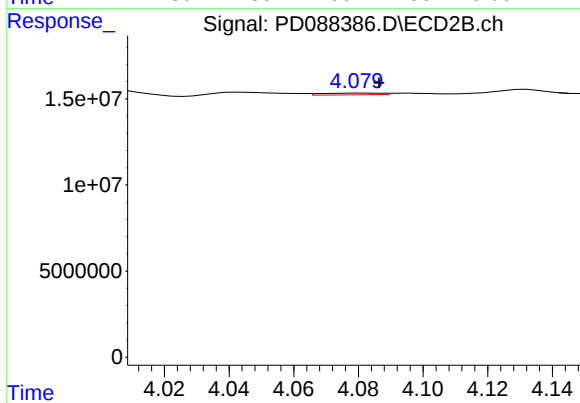
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: 0.001 min  
Response: 142386  
Conc: 0.01 ng/ml



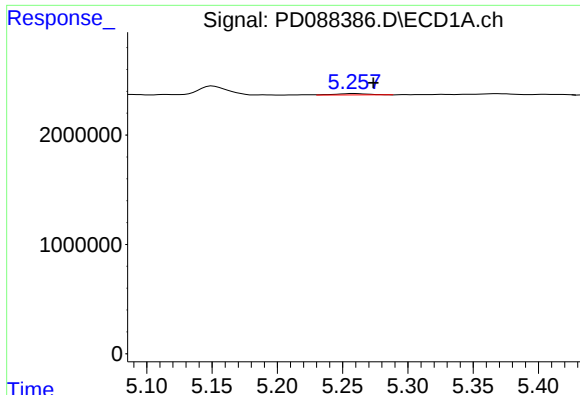
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.013 min  
Response: 1045702  
Conc: 0.26 ng/ml



#4 Heptachlor

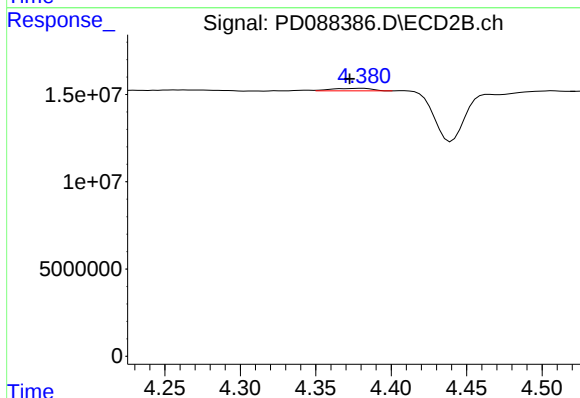
R.T.: 4.082 min  
Delta R.T.: -0.005 min  
Response: 1239017  
Conc: 0.06 ng/ml



#5 Aldrin

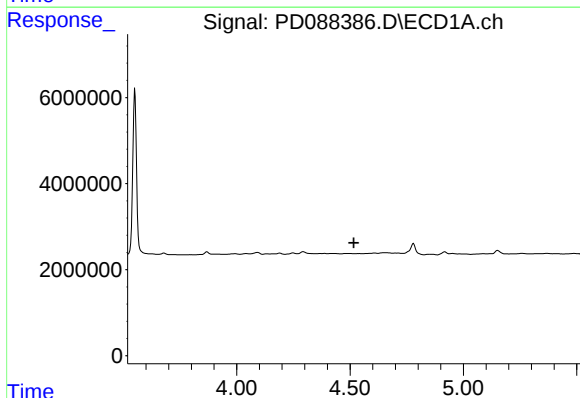
R.T.: 5.259 min  
Delta R.T.: -0.014 min  
Response: 233445  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



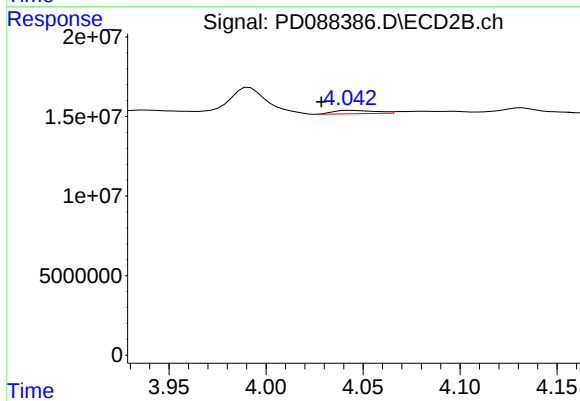
#5 Aldrin

R.T.: 4.381 min  
Delta R.T.: 0.008 min  
Response: 2550606  
Conc: 0.12 ng/ml



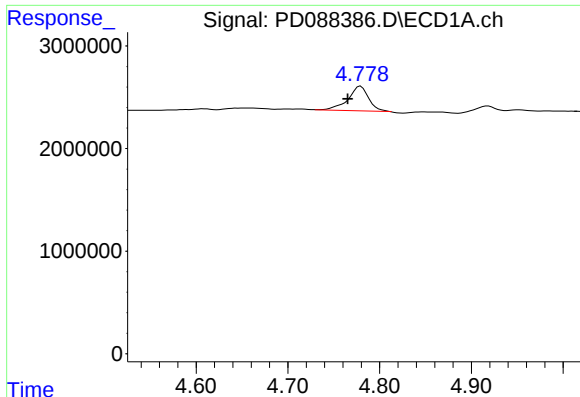
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.516 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

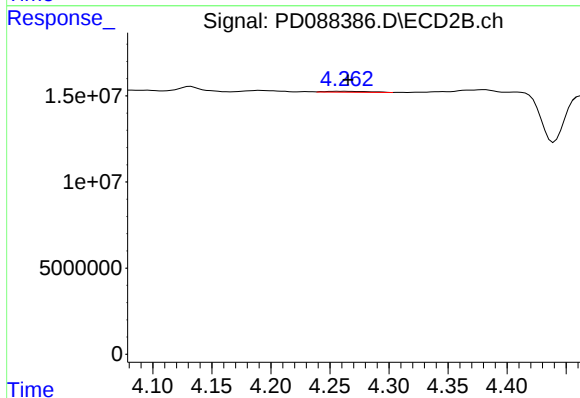
R.T.: 4.044 min  
Delta R.T.: 0.015 min  
Response: 3084333  
Conc: 0.33 ng/ml



#7 delta-BHC

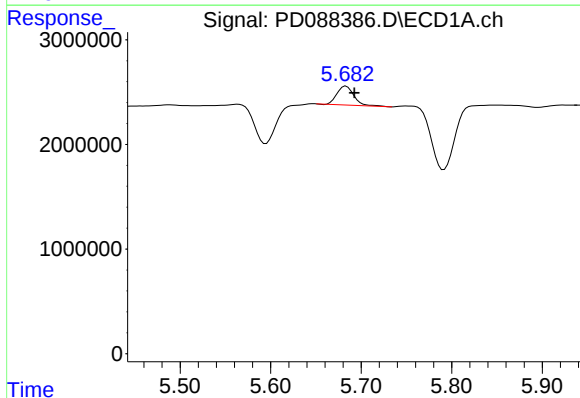
R.T.: 4.779 min  
Delta R.T.: 0.014 min  
Response: 3740562  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



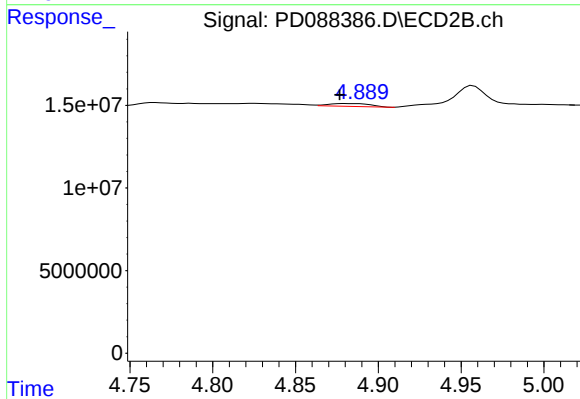
#7 delta-BHC

R.T.: 4.263 min  
Delta R.T.: -0.002 min  
Response: 1406704  
Conc: 0.07 ng/ml



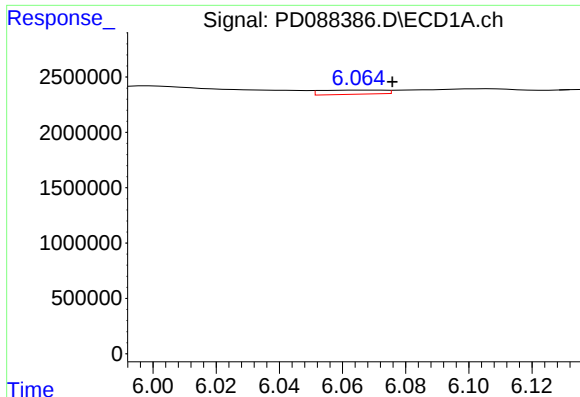
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.009 min  
Response: 2346033  
Conc: 0.66 ng/ml



#8 Heptachlor epoxide

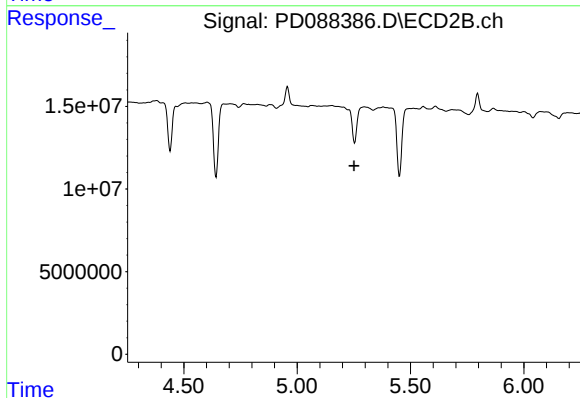
R.T.: 4.881 min  
Delta R.T.: 0.004 min  
Response: 2973745  
Conc: 0.16 ng/ml



#9 Endosulfan I

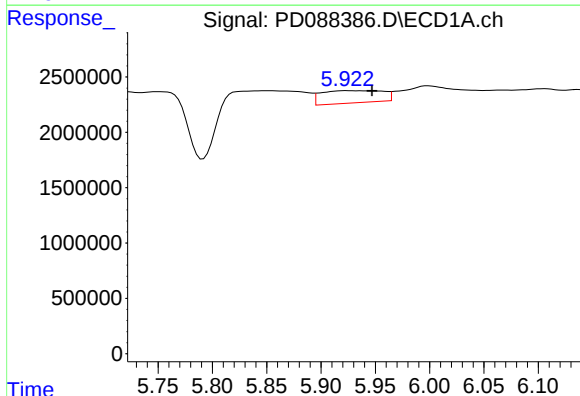
R.T.: 6.066 min  
Delta R.T.: -0.010 min  
Response: 523617  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



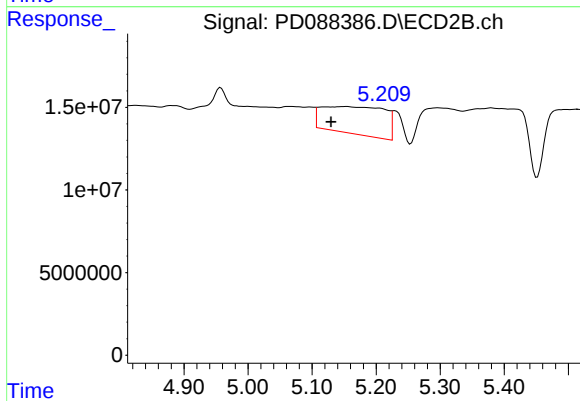
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.251 min  
Response: 0  
Conc: N.D.



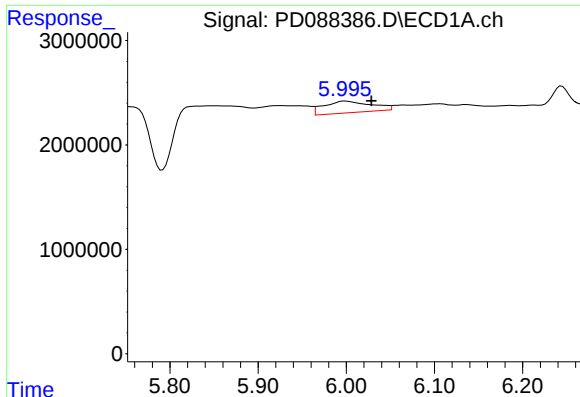
#10 gamma-Chlordane

R.T.: 5.923 min  
Delta R.T.: -0.024 min  
Response: 4388673  
Conc: 1.21 ng/ml



#10 gamma-Chlordane

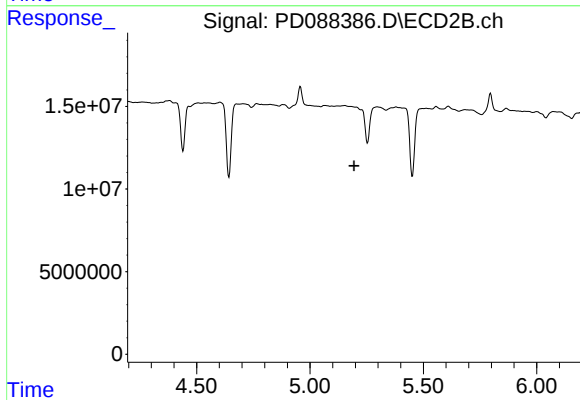
R.T.: 5.155 min  
Delta R.T.: 0.026 min  
Response: 113245688  
Conc: 5.58 ng/ml



#11 alpha-Chlordane

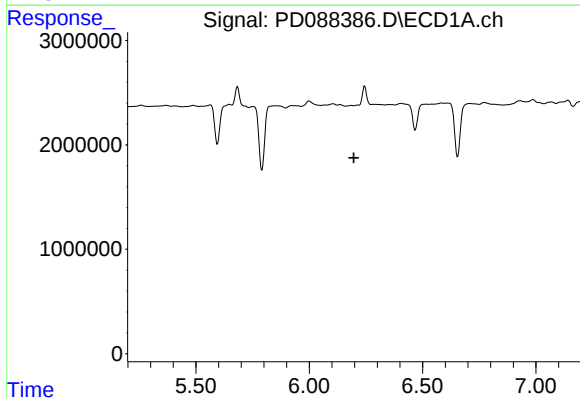
R.T.: 5.999 min  
Delta R.T.: -0.030 min  
Response: 4157666  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



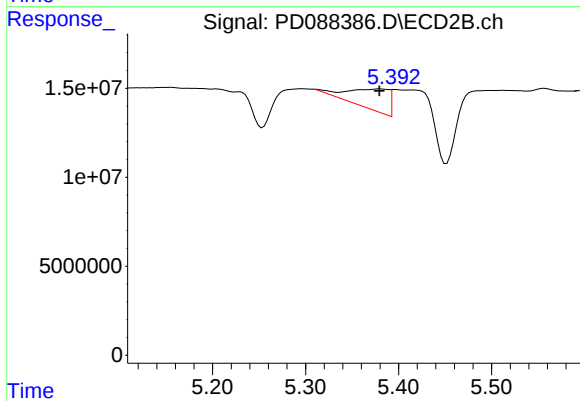
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.194 min  
Response: 0  
Conc: N.D.



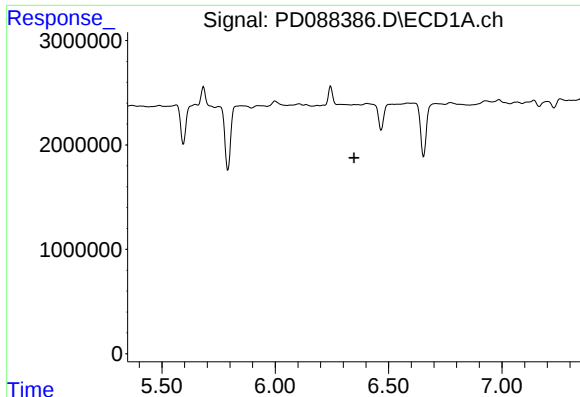
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.197 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

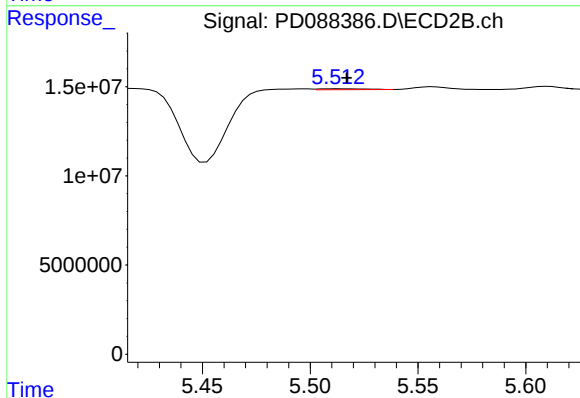
R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 35387410  
Conc: 1.80 ng/ml



#13 Dieldrin

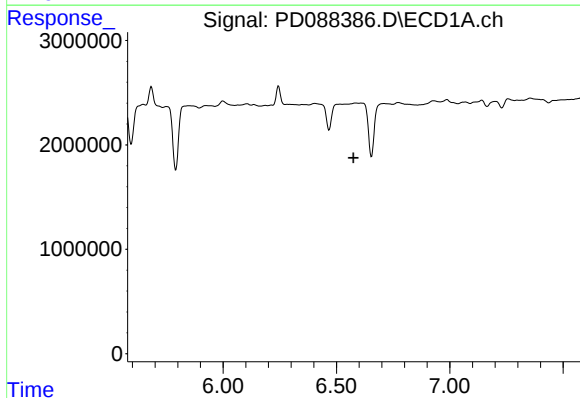
R.T.: 0.000 min  
Exp R.T.: 6.349 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



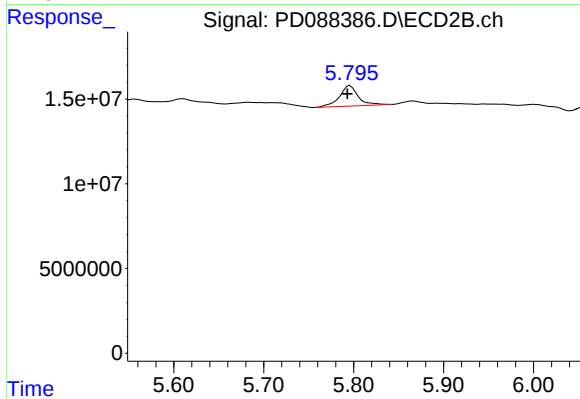
#13 Dieldrin

R.T.: 5.513 min  
Delta R.T.: -0.004 min  
Response: 765728  
Conc: 0.04 ng/ml



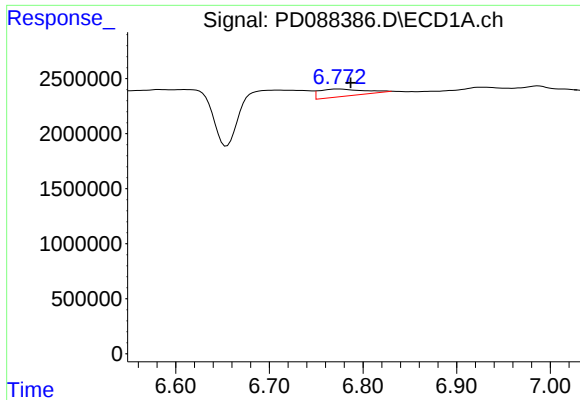
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.576 min  
Response: 0  
Conc: N.D.



#14 Endrin

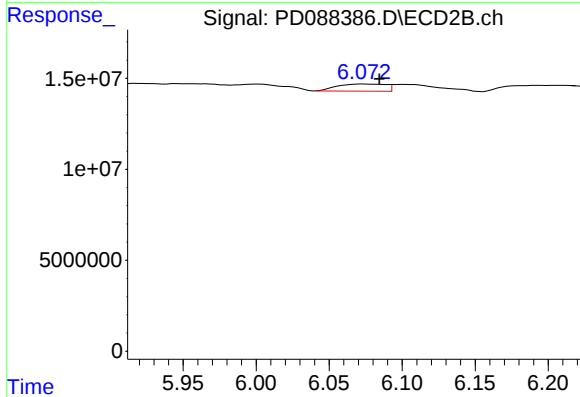
R.T.: 5.796 min  
Delta R.T.: 0.003 min  
Response: 17308002  
Conc: 0.95 ng/ml



#15 Endosulfan II

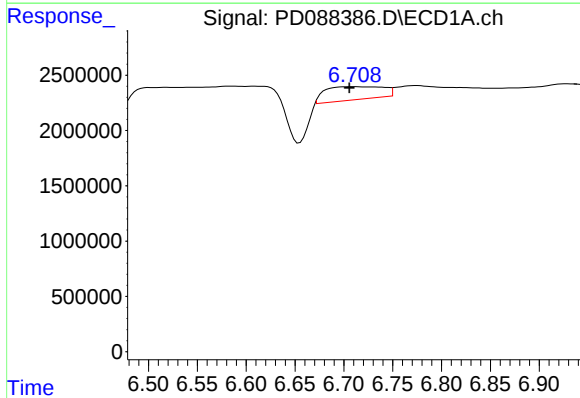
R.T.: 6.774 min  
Delta R.T.: -0.013 min  
Response: 2311410  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



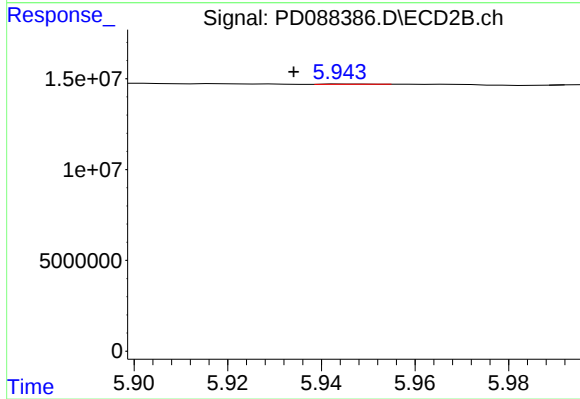
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.012 min  
Response: 8956076  
Conc: 0.51 ng/ml



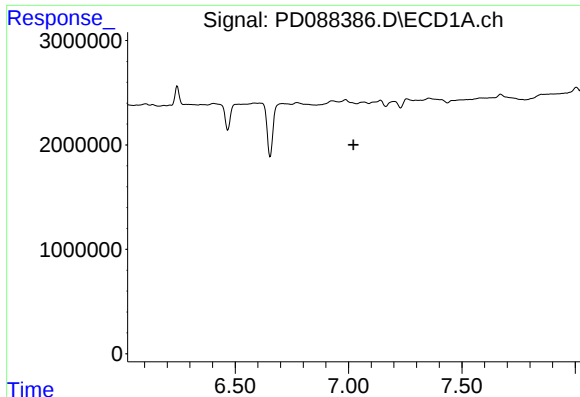
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.004 min  
Response: 4850281  
Conc: 1.93 ng/ml



#16 4,4'-DDD

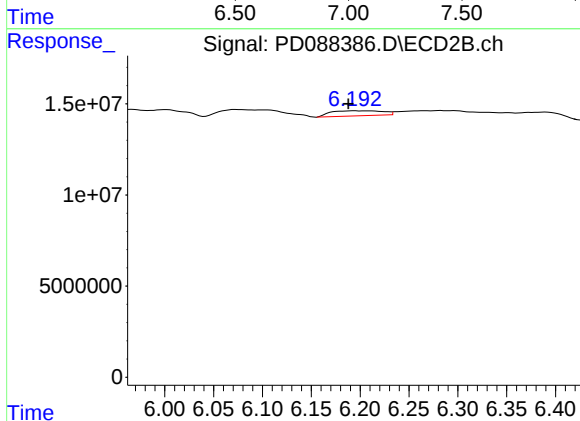
R.T.: 5.946 min  
Delta R.T.: 0.012 min  
Response: 74928  
Conc: 0.00 ng/ml



#17 4,4'-DDT

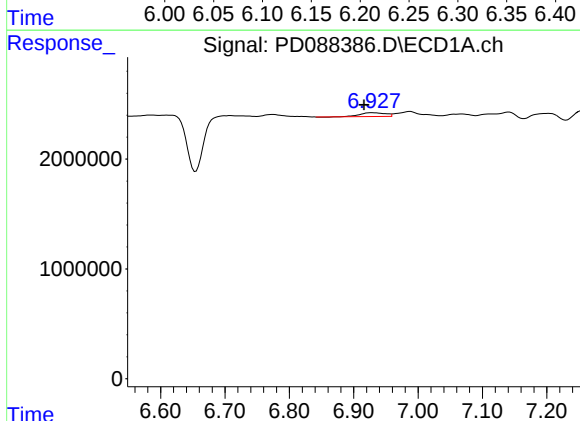
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



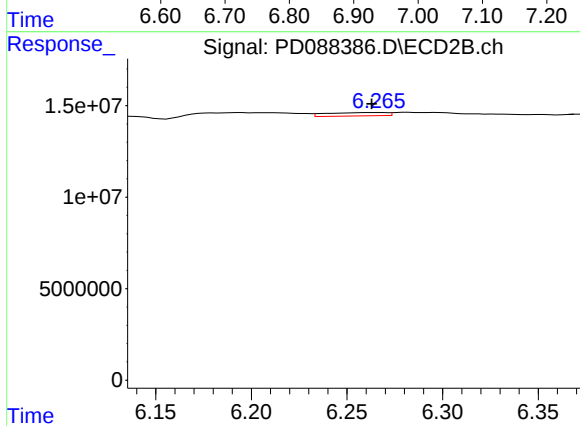
#17 4,4'-DDT

R.T.: 6.194 min  
Delta R.T.: 0.006 min  
Response: 10257913  
Conc: 0.60 ng/ml



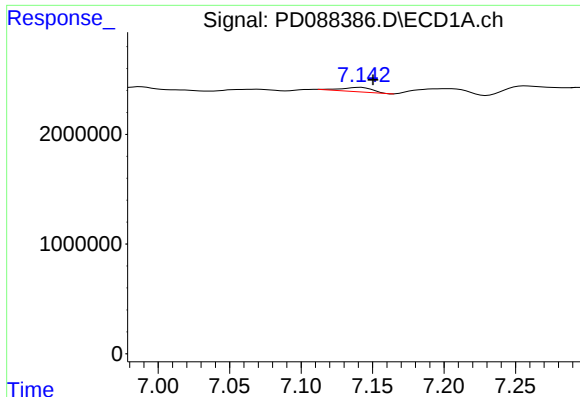
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.013 min  
Response: 964677  
Conc: 0.42 ng/ml



#18 Endrin aldehyde

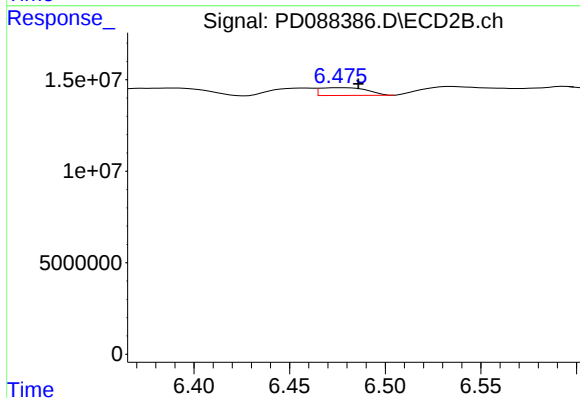
R.T.: 6.267 min  
Delta R.T.: 0.004 min  
Response: 4008562  
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

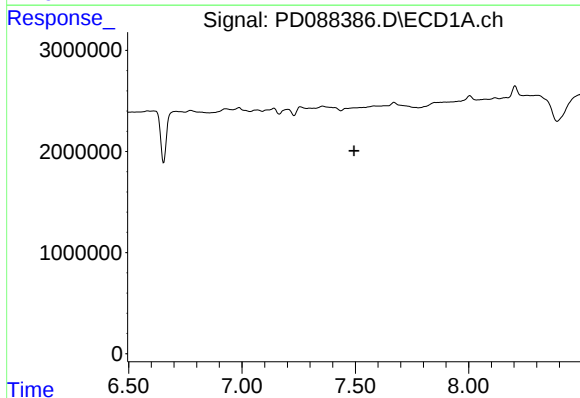
R.T.: 7.142 min  
Delta R.T.: -0.009 min  
Response: 595987  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



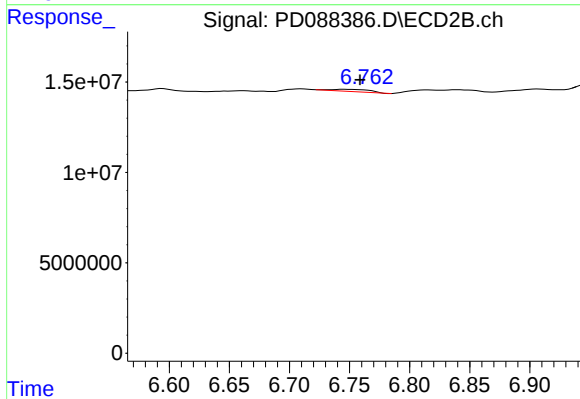
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: -0.009 min  
Response: 7300076  
Conc: 0.43 ng/ml



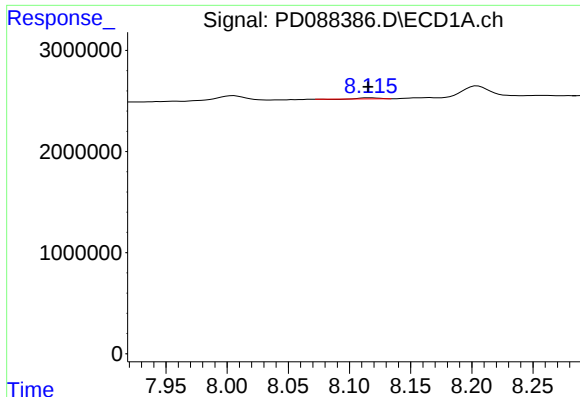
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.495 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

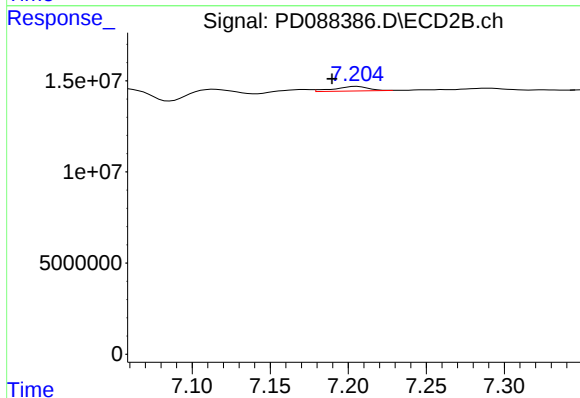
R.T.: 6.745 min  
Delta R.T.: -0.013 min  
Response: 2671468  
Conc: 0.29 ng/ml



#22 Mirex

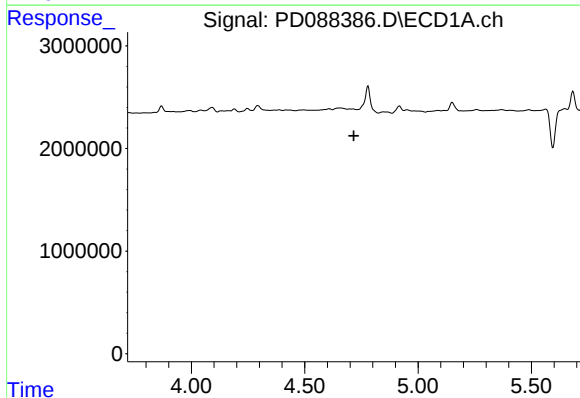
R.T.: 8.118 min  
Delta R.T.: 0.002 min  
Response: 104413  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



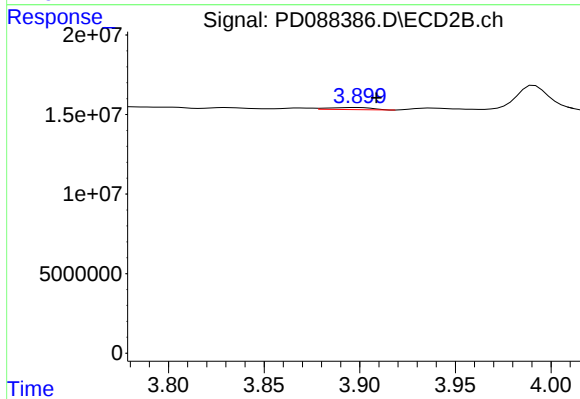
#22 Mirex

R.T.: 7.205 min  
Delta R.T.: 0.016 min  
Response: 3885937  
Conc: 0.26 ng/ml



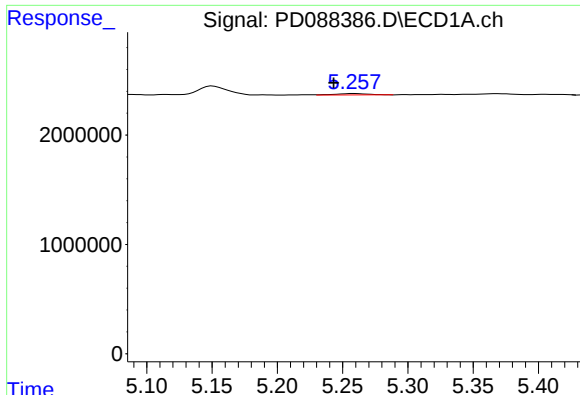
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.717 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

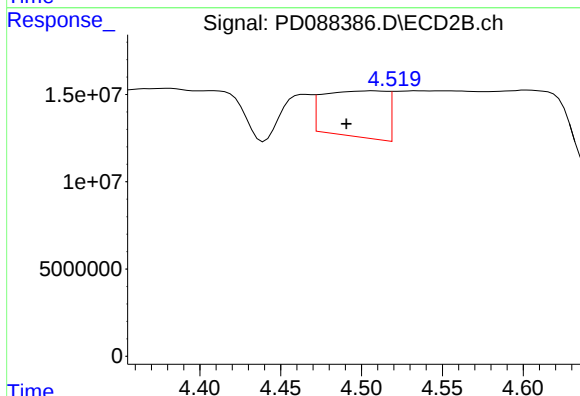
R.T.: 3.899 min  
Delta R.T.: -0.010 min  
Response: 2087797  
Conc: 2.60 ng/ml



#24 Chlordane-2

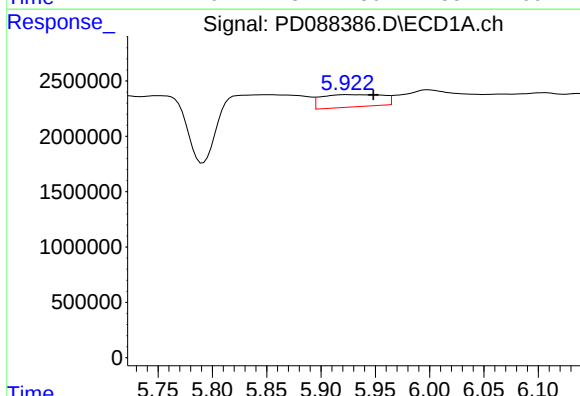
R.T.: 5.259 min  
Delta R.T.: 0.016 min  
Response: 233445  
Conc: 1.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



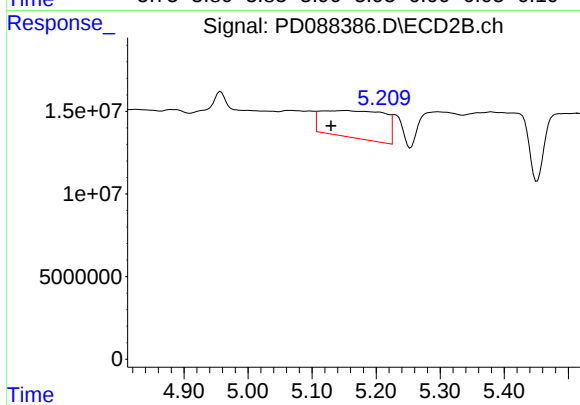
#24 Chlordane-2

R.T.: 4.507 min  
Delta R.T.: 0.017 min  
Response: 71196414  
Conc: 86.27 ng/ml



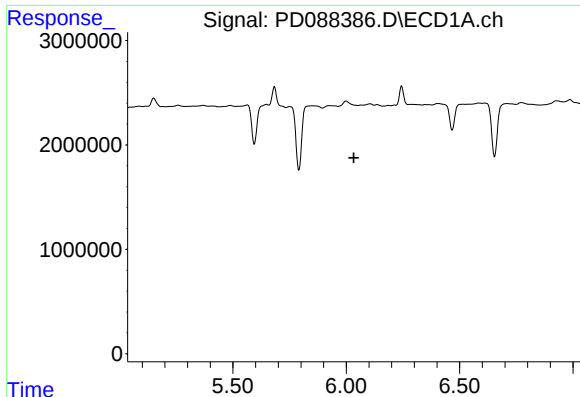
#25 Chlordane-3

R.T.: 5.923 min  
Delta R.T.: -0.025 min  
Response: 4388673  
Conc: 6.51 ng/ml



#25 Chlordane-3

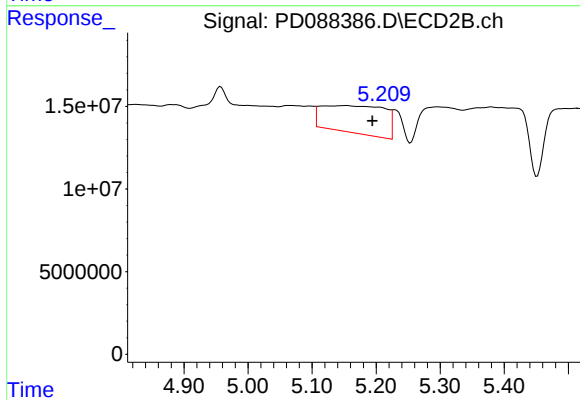
R.T.: 5.155 min  
Delta R.T.: 0.026 min  
Response: 113245688  
Conc: 44.78 ng/ml



#26 Chlordane-4

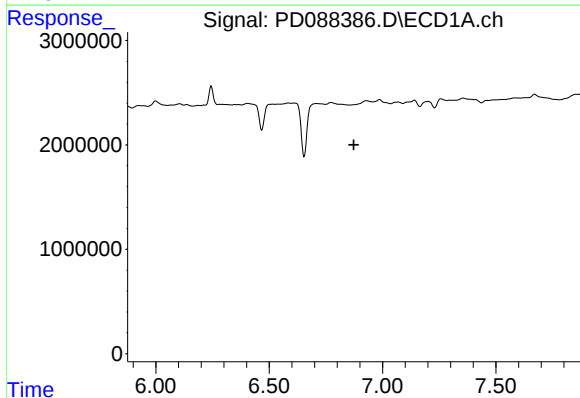
R.T.: 0.000 min  
Exp R.T.: 6.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



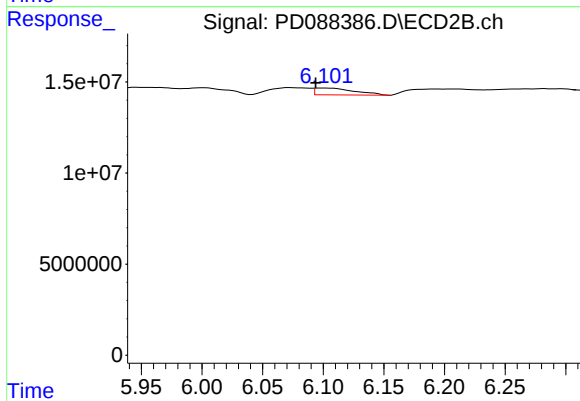
#26 Chlordane-4

R.T.: 5.155 min  
Delta R.T.: -0.039 min  
Response: 113245688  
Conc: 52.96 ng/ml



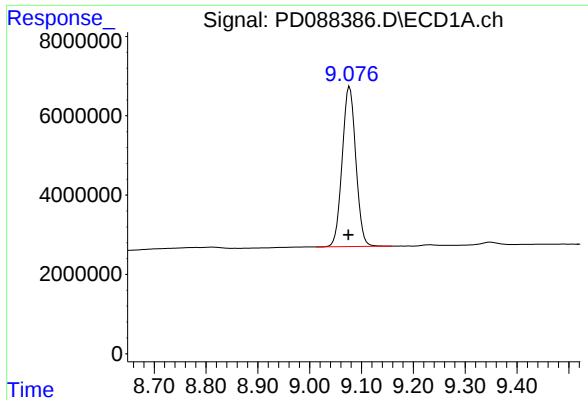
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

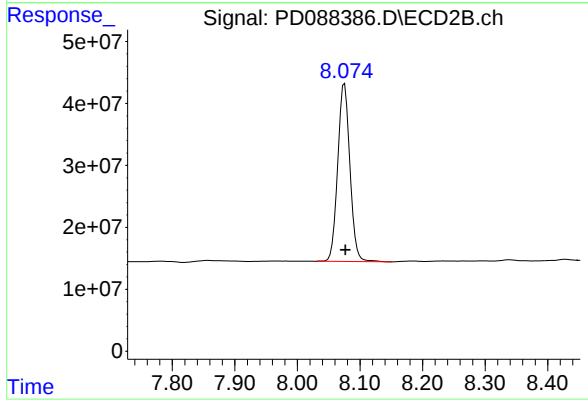
R.T.: 6.102 min  
Delta R.T.: 0.008 min  
Response: 8616734  
Conc: 8.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: 0.002 min  
Response: 73707476  
Conc: 22.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: -0.002 min  
Response: 390451885  
Conc: 21.13 ng/ml