

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071125\  
 Data File : PD089449.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2025 09:53  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 22:48:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.582f | 2.882  | 2537547  | 17031998 | 0.889  | 1.005     |
| 2)                          | SA Decachlor... | 0.000  | 8.071  | 0        | 21773539 | N.D.   | 1.101 #   |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.989  | 3.408  | 399317   | 12257792 | 0.069  | 0.457 #   |
| 3)                          | MA gamma-BHC... | 4.347f | 3.733  | 754095   | 1572196  | 0.135  | 0.064 #   |
| 4)                          | MA Heptachlor   | 4.915  | 4.066f | 2141837  | 18695431 | 0.393  | 0.747 #   |
| 5)                          | MB Aldrin       | 5.266  | 4.340f | 2025337  | 4131119  | 0.381  | 0.171 #   |
| 6)                          | B beta-BHC      | 4.505  | 0.000  | 1537335  | 0        | 0.697  | N.D. #    |
| 7)                          | B delta-BHC     | 4.785f | 4.266  | 275537   | 56592    | 0.054  | 0.002 #   |
| 8)                          | B Heptachlo...  | 5.689  | 4.876  | 17460155 | 305.9E6  | 3.619  | 13.968 #  |
| 9)                          | A Endosulfan I  | 6.067  | 5.227f | 2116764  | 66342467 | 0.470  | 3.183 #   |
| 10)                         | B gamma-Chl...  | 5.940  | 5.103f | 5016524  | 315.8E6  | 1.048  | 13.199 #  |
| 11)                         | B alpha-Chl...  | 6.009f | 5.168f | 5897430  | 281.2E6  | 1.219  | 12.280 #  |
| 14)                         | MA Endrin       | 0.000  | 5.793  | 0        | 481.5E6  | N.D.   | 22.174 #  |
| 15)                         | B Endosulfa...  | 6.803f | 6.069  | 5851962  | 927909   | 1.450  | 0.046 #   |
| 16)                         | A 4,4'-DDD      | 6.722f | 5.948f | 33516296 | 7738104  | 9.766  | 0.405 #   |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.167f | 576514   | 23762799 | 0.152  | 1.172 #   |
| 18)                         | B Endrin al...  | 6.922  | 0.000  | 2086505  | 0        | 0.681  | N.D. #    |
| 19)                         | B Endosulfa...  | 7.162  | 0.000  | 222560   | 0        | 0.058  | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.751  | 0        | 8110843  | N.D.   | 0.753 #   |
| 22)                         | Mirex           | 8.127  | 7.164f | 2462101  | 14482287 | 0.810  | 0.868     |
| 23)                         | Chlordane-1     | 4.727  | 3.896  | -218972  | 4300105  | N.D.   | 4.613     |
| 24)                         | Chlordane-2     | 5.236  | 4.504  | 2311751  | 96366441 | 10.589 | 101.266 # |
| 25)                         | Chlordane-3     | 5.940  | 5.103f | 5016524  | 315.8E6  | 5.816  | 106.311 # |
| 26)                         | Chlordane-4     | 6.009f | 5.168f | 5897430  | 281.2E6  | 5.613  | 112.168 # |
| 27)                         | Chlordane-5     | 6.873  | 6.102  | 4184777  | 13546498 | 22.898 | 11.970 #  |
| -----                       |                 |        |        |          |          |        |           |

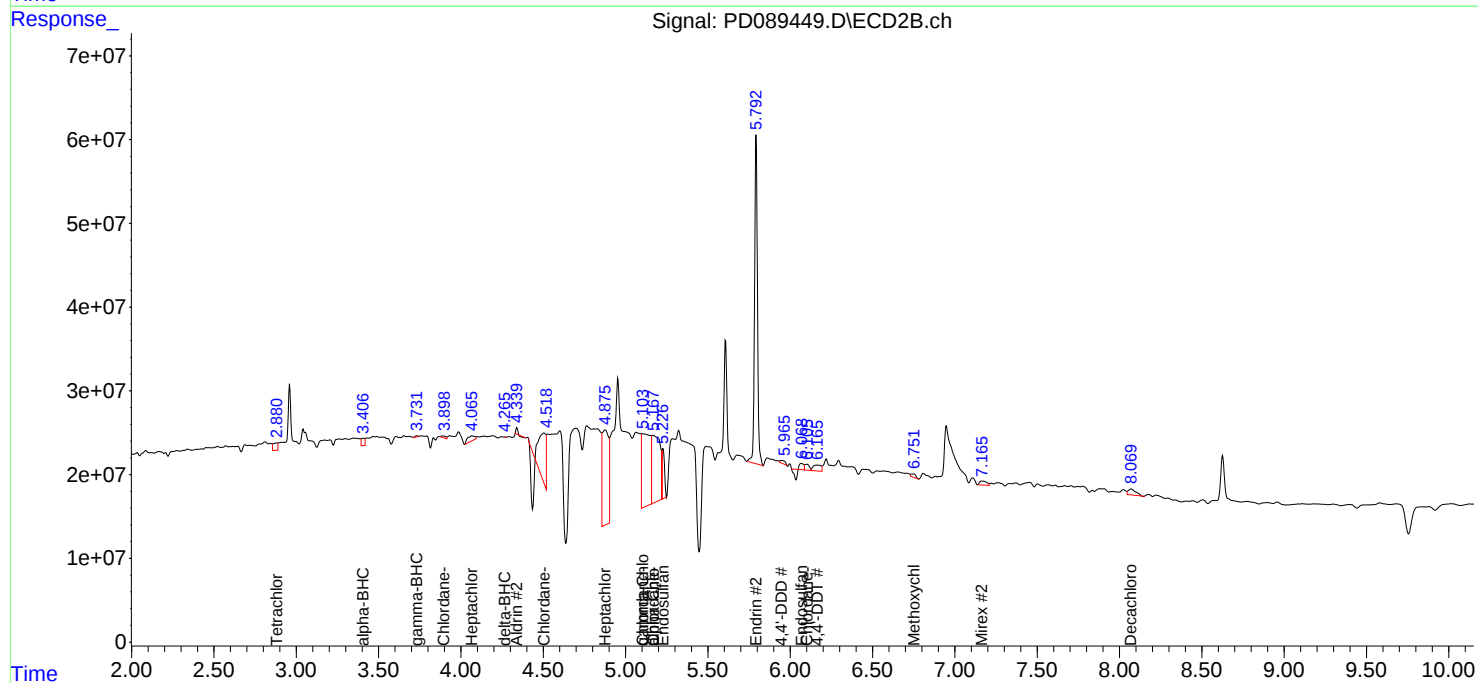
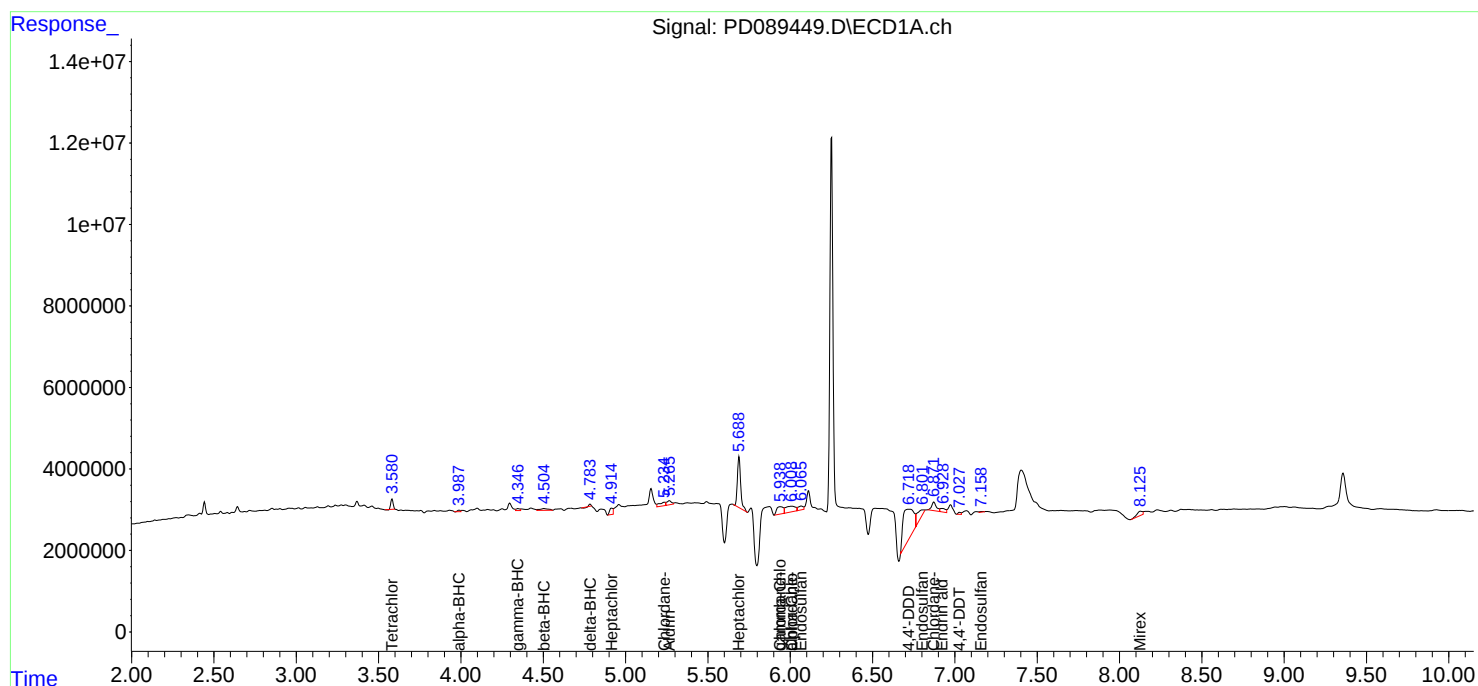
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

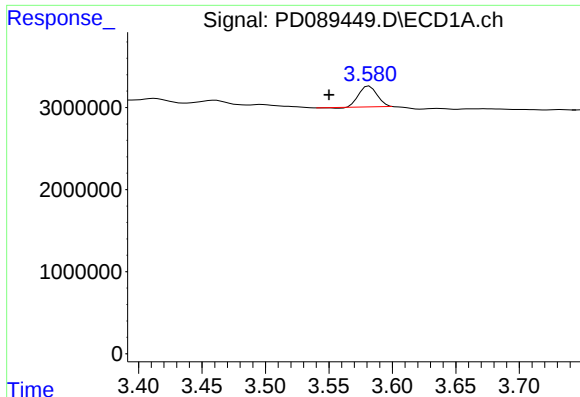
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071125\  
Data File : PD089449.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2025 09:53  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 22:48:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 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

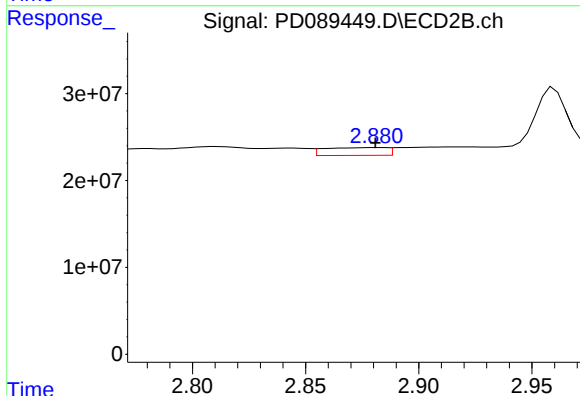




#1 Tetrachloro-m-xylene

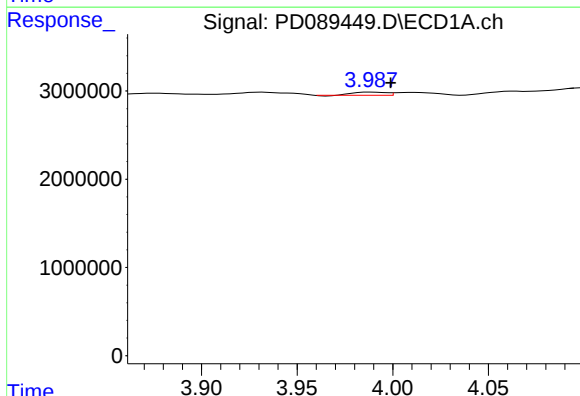
R.T.: 3.582 min  
Delta R.T.: 0.032 min  
Response: 2537547  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



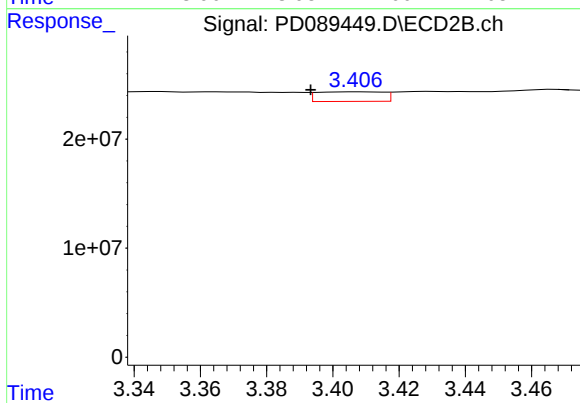
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 17031998  
Conc: 1.00 ng/ml



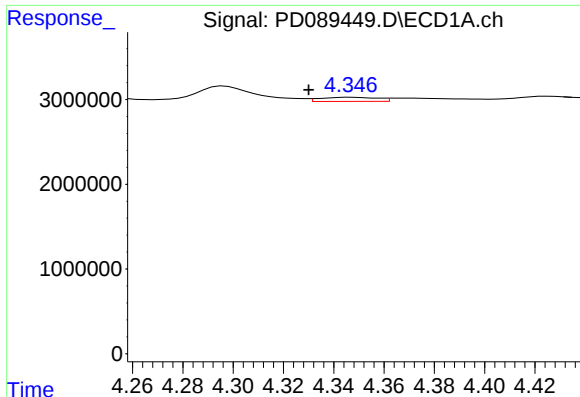
#2 alpha-BHC

R.T.: 3.989 min  
Delta R.T.: -0.010 min  
Response: 399317  
Conc: 0.07 ng/ml



#2 alpha-BHC

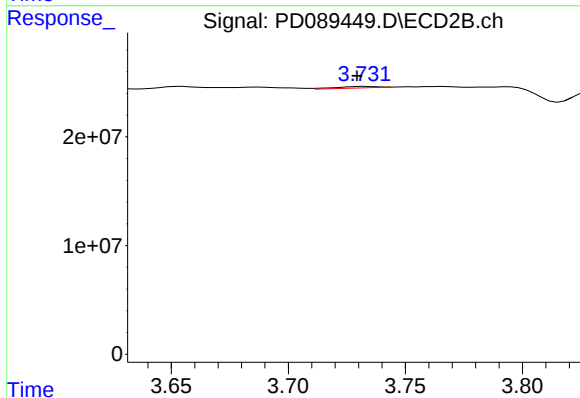
R.T.: 3.408 min  
Delta R.T.: 0.014 min  
Response: 12257792  
Conc: 0.46 ng/ml



#3 gamma-BHC (Lindane)

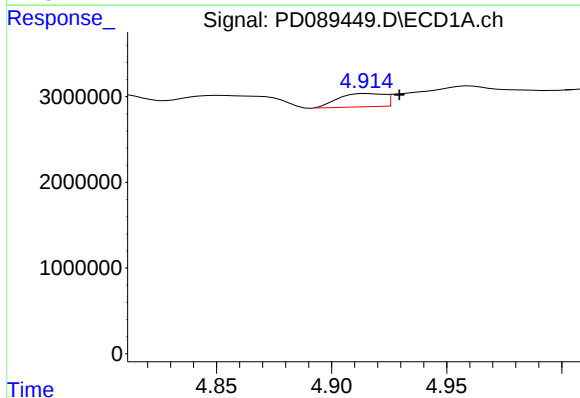
R.T.: 4.347 min  
Delta R.T.: 0.017 min  
Response: 754095  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



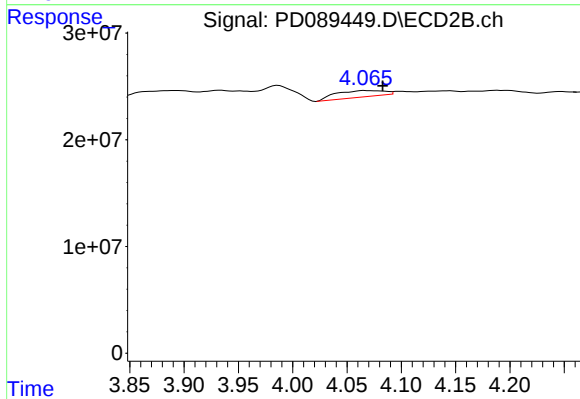
#3 gamma-BHC (Lindane)

R.T.: 3.733 min  
Delta R.T.: 0.003 min  
Response: 1572196  
Conc: 0.06 ng/ml



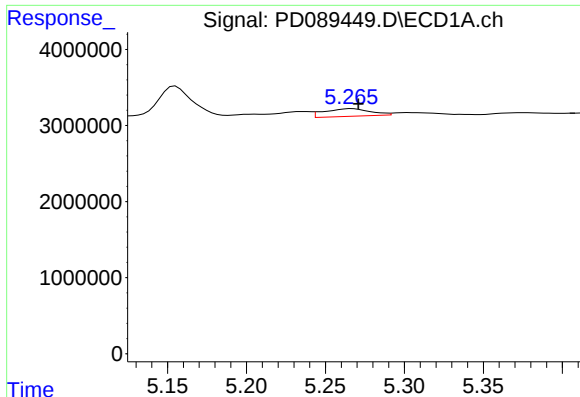
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.014 min  
Response: 2141837  
Conc: 0.39 ng/ml



#4 Heptachlor

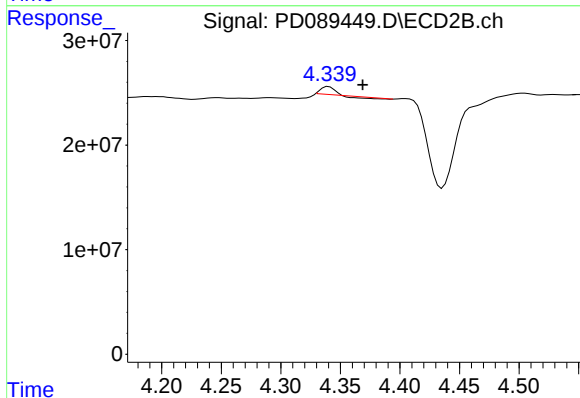
R.T.: 4.066 min  
Delta R.T.: -0.017 min  
Response: 18695431  
Conc: 0.75 ng/ml



#5 Aldrin

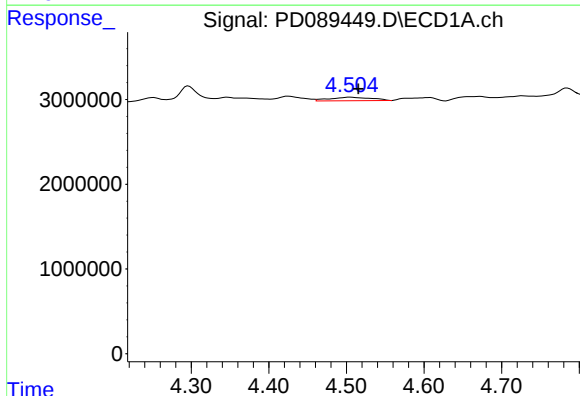
R.T.: 5.266 min  
Delta R.T.: -0.004 min  
Response: 2025337  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



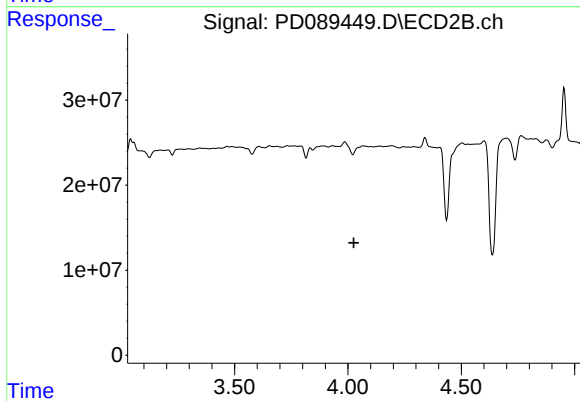
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: -0.029 min  
Response: 4131119  
Conc: 0.17 ng/ml



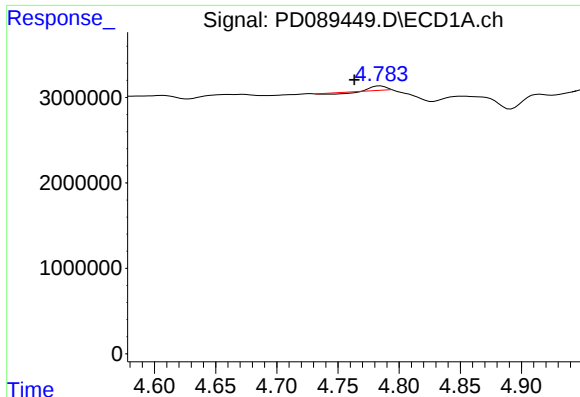
#6 beta-BHC

R.T.: 4.505 min  
Delta R.T.: -0.010 min  
Response: 1537335  
Conc: 0.70 ng/ml



#6 beta-BHC

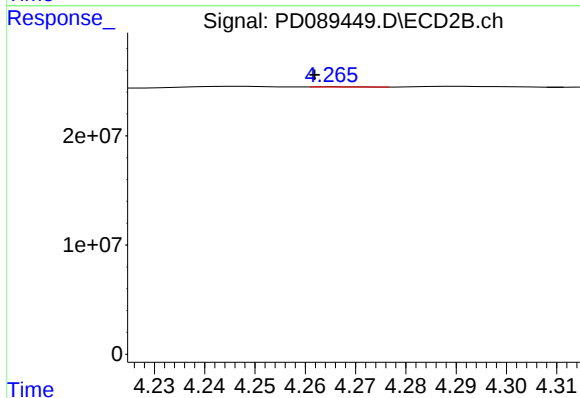
R.T.: 0.000 min  
Exp R.T. : 4.025 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

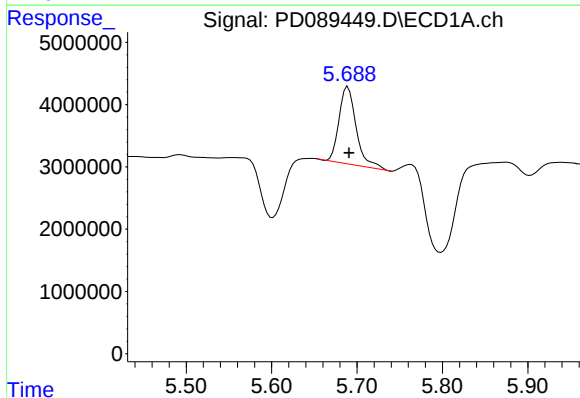
R.T.: 4.785 min  
Delta R.T.: 0.021 min  
Response: 275537  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



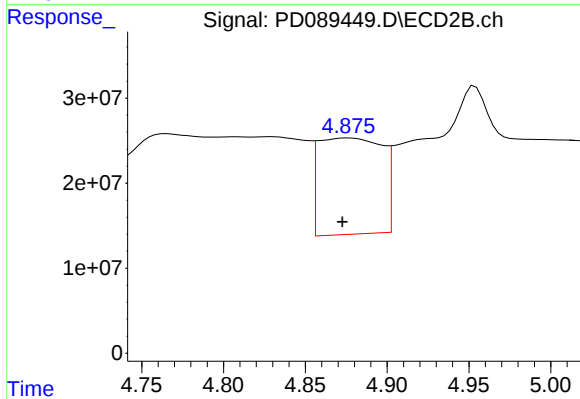
#7 delta-BHC

R.T.: 4.266 min  
Delta R.T.: 0.004 min  
Response: 56592  
Conc: 0.00 ng/ml



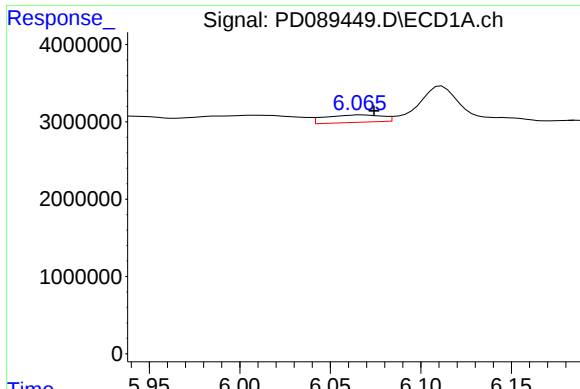
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.002 min  
Response: 17460155  
Conc: 3.62 ng/ml



#8 Heptachlor epoxide

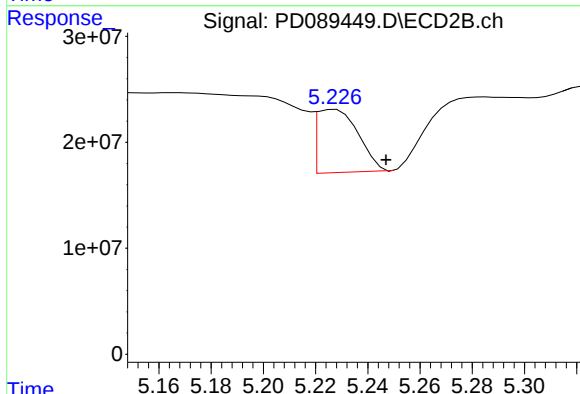
R.T.: 4.876 min  
Delta R.T.: 0.003 min  
Response: 305861814  
Conc: 13.97 ng/ml



#9 Endosulfan I

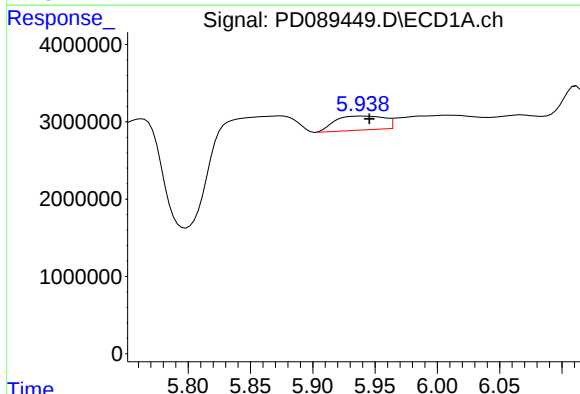
R.T.: 6.067 min  
Delta R.T.: -0.007 min  
Response: 2116764  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



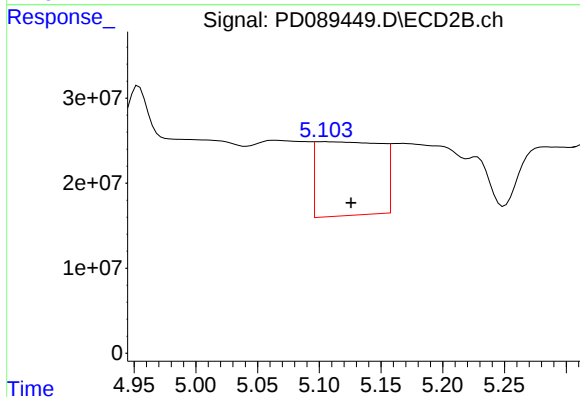
#9 Endosulfan I

R.T.: 5.227 min  
Delta R.T.: -0.020 min  
Response: 66342467  
Conc: 3.18 ng/ml



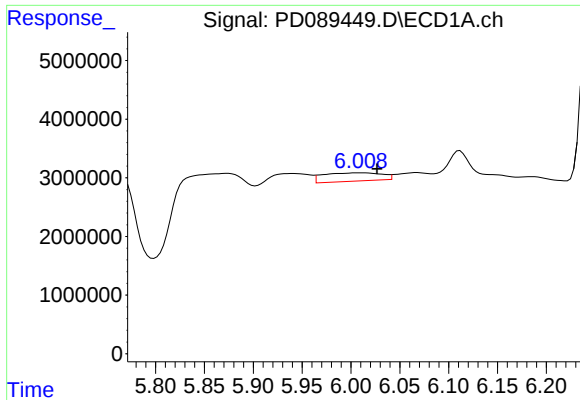
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: -0.005 min  
Response: 5016524  
Conc: 1.05 ng/ml



#10 gamma-Chlordane

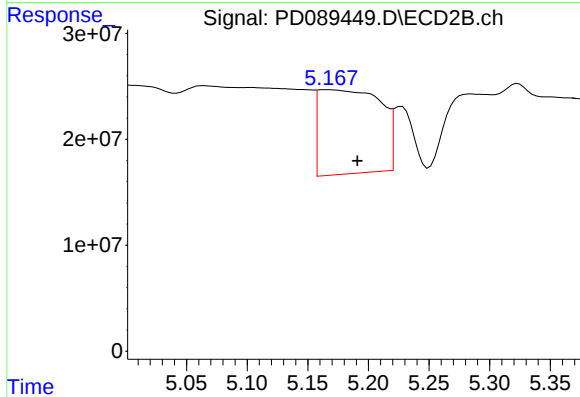
R.T.: 5.103 min  
Delta R.T.: -0.022 min  
Response: 315764721  
Conc: 13.20 ng/ml



#11 alpha-Chlordane

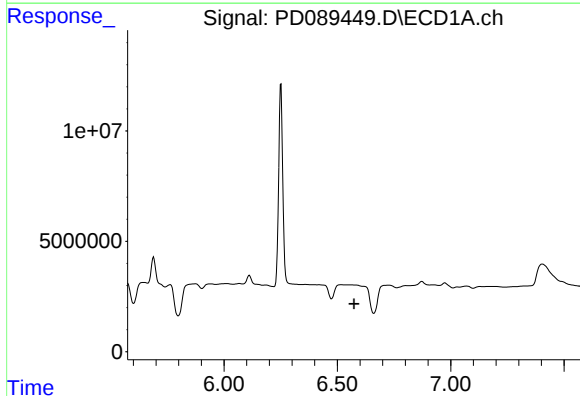
R.T.: 6.009 min  
Delta R.T.: -0.018 min  
Response: 5897430  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



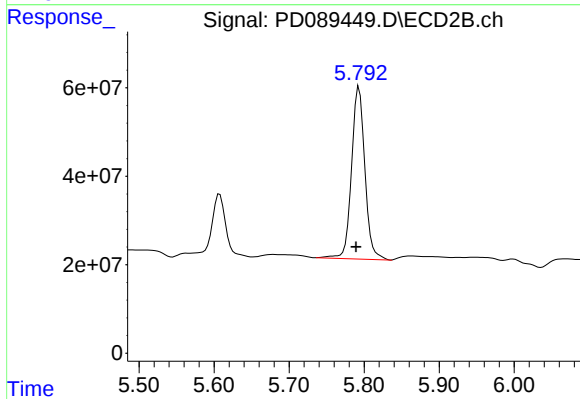
#11 alpha-Chlordane

R.T.: 5.168 min  
Delta R.T.: -0.023 min  
Response: 281173883  
Conc: 12.28 ng/ml



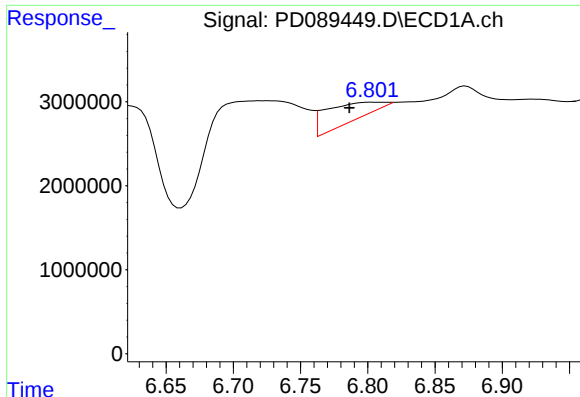
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.574 min  
Response: 0  
Conc: N.D.



#14 Endrin

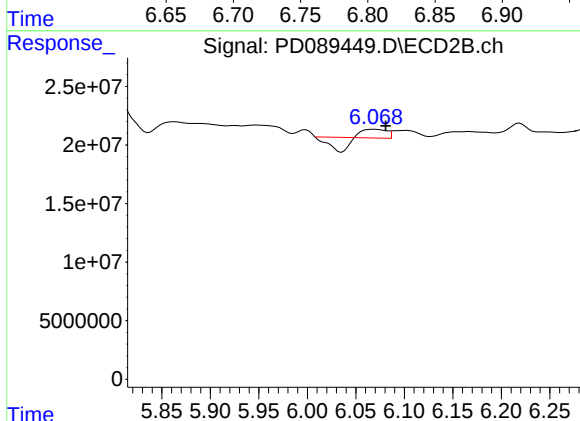
R.T.: 5.793 min  
Delta R.T.: 0.004 min  
Response: 481490960  
Conc: 22.17 ng/ml



#15 Endosulfan II

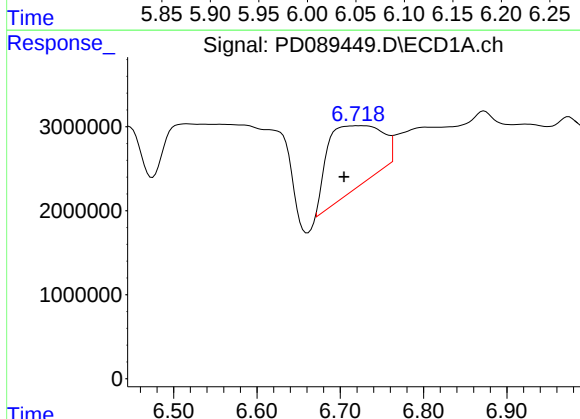
R.T.: 6.803 min  
Delta R.T.: 0.016 min  
Response: 5851962  
Conc: 1.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



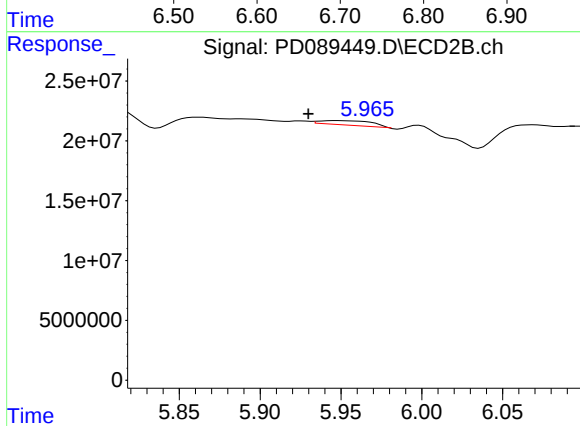
#15 Endosulfan II

R.T.: 6.069 min  
Delta R.T.: -0.012 min  
Response: 927909  
Conc: 0.05 ng/ml



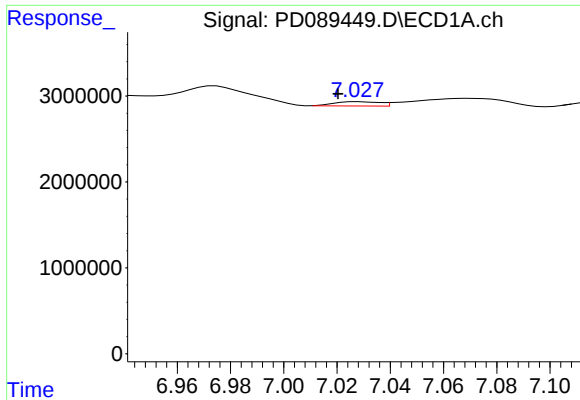
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.018 min  
Response: 33516296  
Conc: 9.77 ng/ml



#16 4,4'-DDD

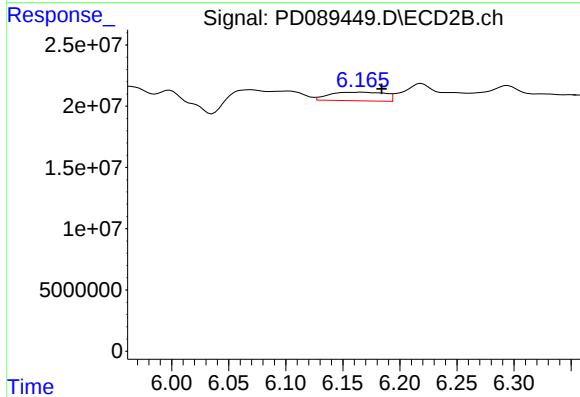
R.T.: 5.948 min  
Delta R.T.: 0.018 min  
Response: 7738104  
Conc: 0.40 ng/ml



#17 4,4'-DDT

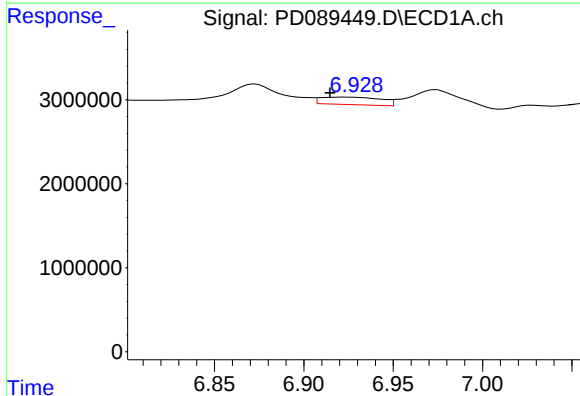
R.T.: 7.028 min  
Delta R.T.: 0.008 min  
Response: 576514  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



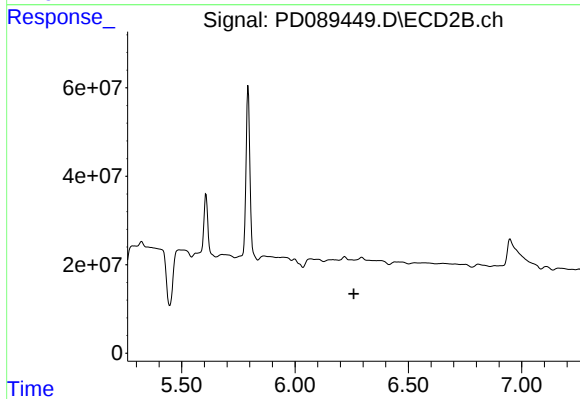
#17 4,4'-DDT

R.T.: 6.167 min  
Delta R.T.: -0.017 min  
Response: 23762799  
Conc: 1.17 ng/ml



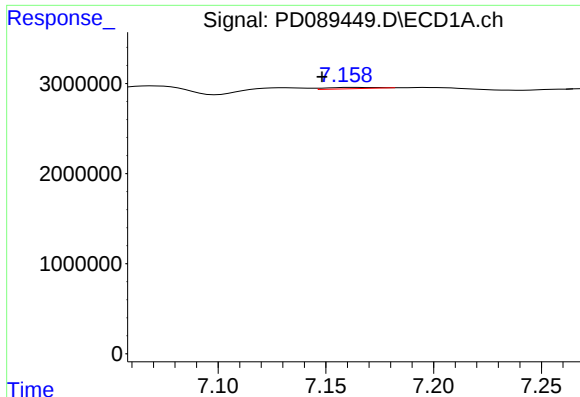
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: 0.008 min  
Response: 2086505  
Conc: 0.68 ng/ml



#18 Endrin aldehyde

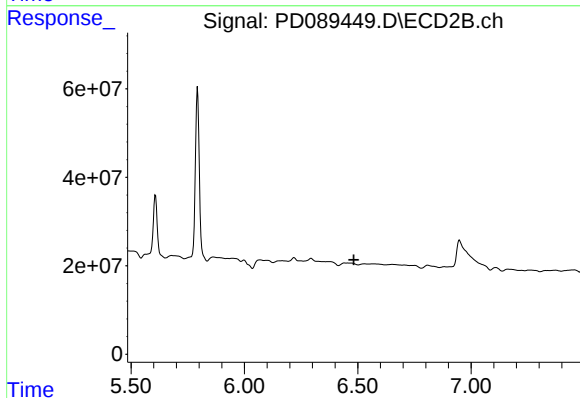
R.T.: 0.000 min  
Exp R.T. : 6.259 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

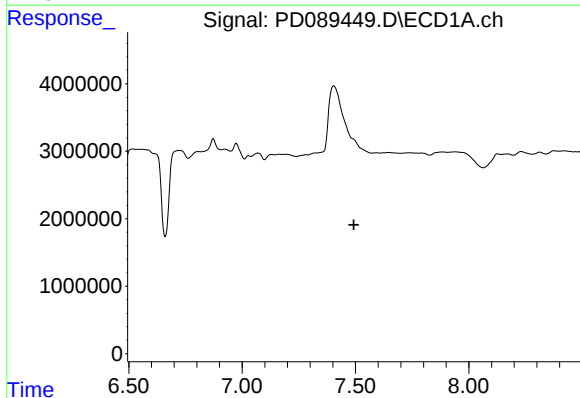
R.T.: 7.162 min  
Delta R.T.: 0.013 min  
Response: 222560  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



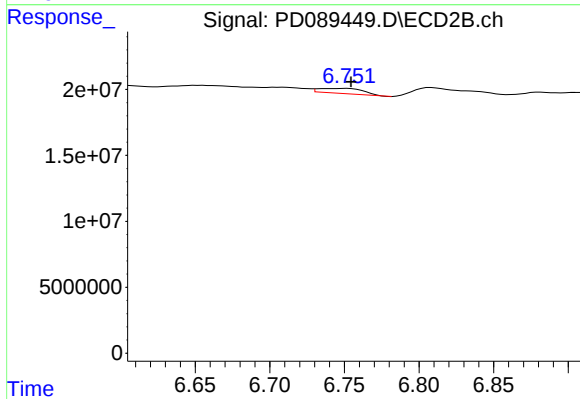
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.482 min  
Response: 0  
Conc: N.D.



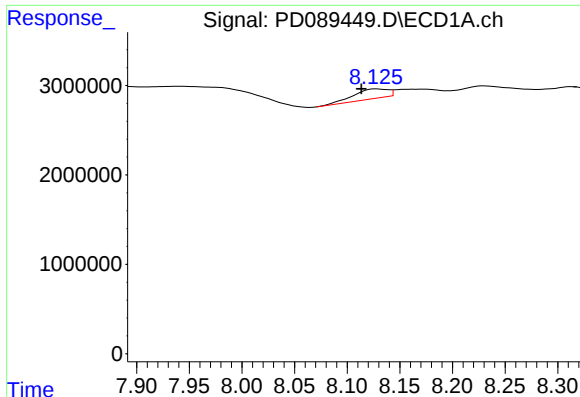
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.493 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

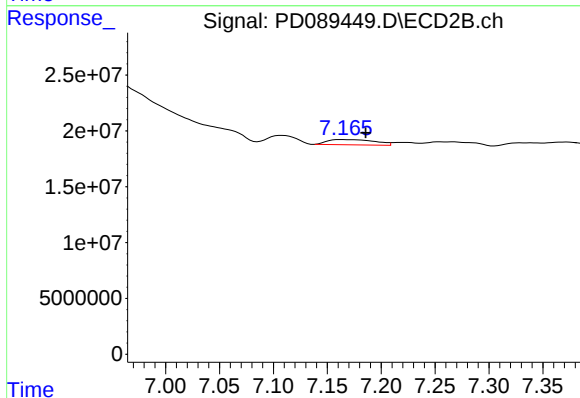
R.T.: 6.751 min  
Delta R.T.: -0.003 min  
Response: 8110843  
Conc: 0.75 ng/ml



#22 Mirex

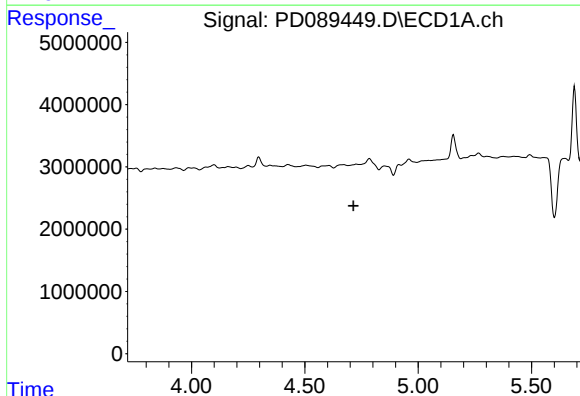
R.T.: 8.127 min  
Delta R.T.: 0.014 min  
Response: 2462101  
Conc: 0.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



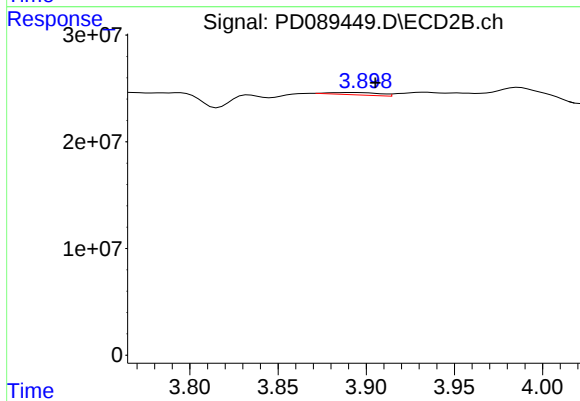
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.022 min  
Response: 14482287  
Conc: 0.87 ng/ml



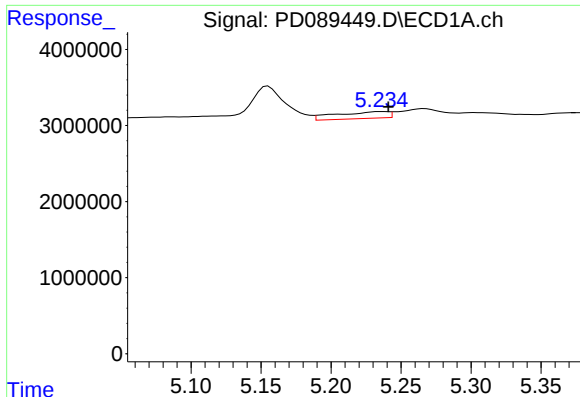
#23 Chlordane-1

R.T.: 4.727 min  
Delta R.T.: 0.012 min  
Response: -218972  
Conc: N.D.



#23 Chlordane-1

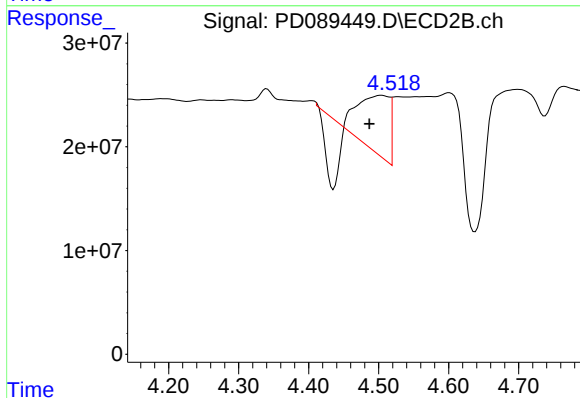
R.T.: 3.896 min  
Delta R.T.: -0.009 min  
Response: 4300105  
Conc: 4.61 ng/ml



#24 Chlordane-2

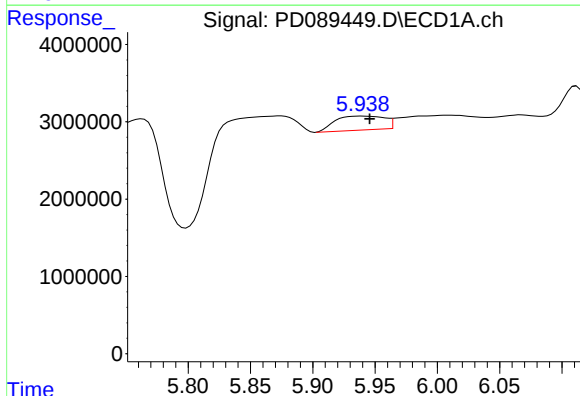
R.T.: 5.236 min  
Delta R.T.: -0.005 min  
Response: 2311751  
Conc: 10.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



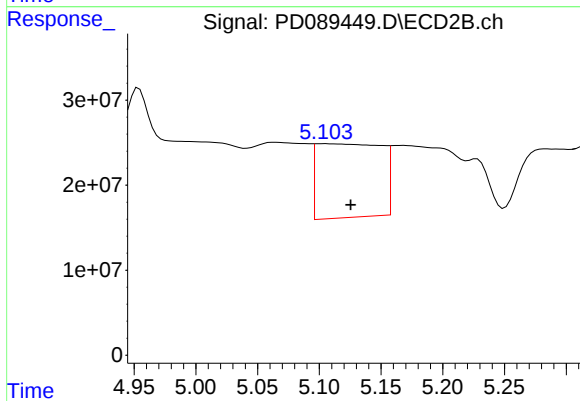
#24 Chlordane-2

R.T.: 4.504 min  
Delta R.T.: 0.018 min  
Response: 96366441  
Conc: 101.27 ng/ml



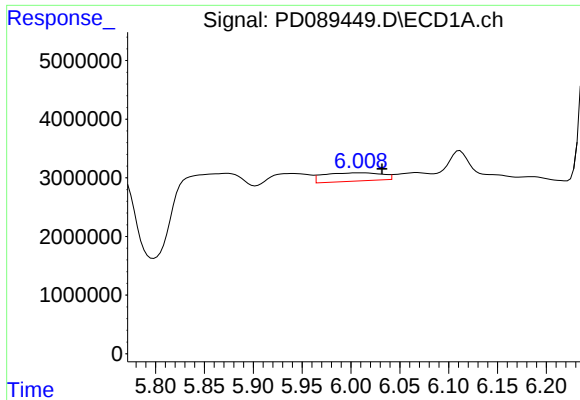
#25 Chlordane-3

R.T.: 5.940 min  
Delta R.T.: -0.006 min  
Response: 5016524  
Conc: 5.82 ng/ml



#25 Chlordane-3

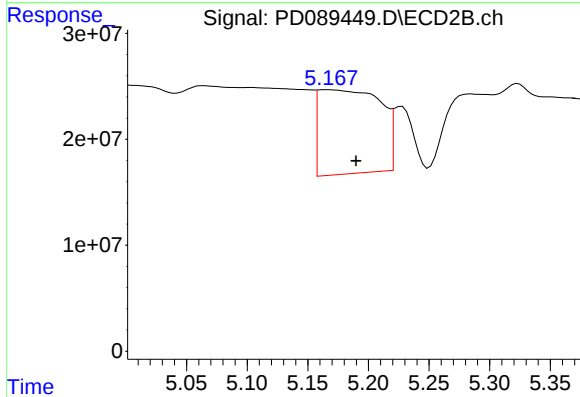
R.T.: 5.103 min  
Delta R.T.: -0.022 min  
Response: 315764721  
Conc: 106.31 ng/ml



#26 Chlordane-4

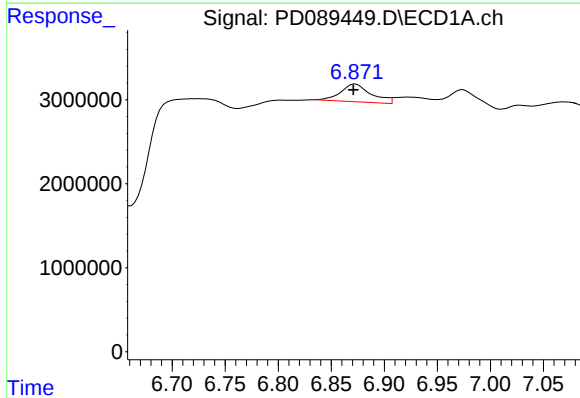
R.T.: 6.009 min  
Delta R.T.: -0.023 min  
Response: 5897430  
Conc: 5.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



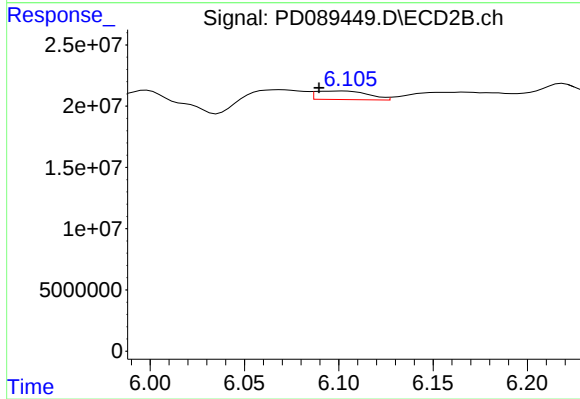
#26 Chlordane-4

R.T.: 5.168 min  
Delta R.T.: -0.022 min  
Response: 281173883  
Conc: 112.17 ng/ml



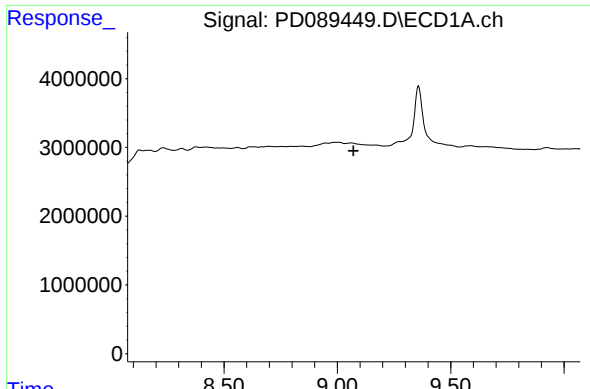
#27 Chlordane-5

R.T.: 6.873 min  
Delta R.T.: 0.002 min  
Response: 4184777  
Conc: 22.90 ng/ml



#27 Chlordane-5

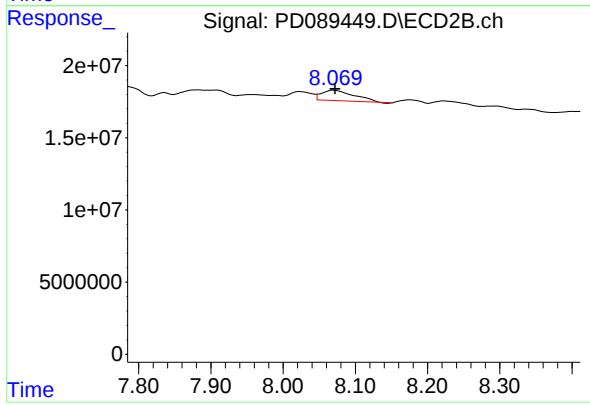
R.T.: 6.102 min  
Delta R.T.: 0.013 min  
Response: 13546498  
Conc: 11.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 9.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.002 min  
Response: 21773539  
Conc: 1.10 ng/ml