

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042225\  
 Data File : PD088199.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 11:00  
 Operator : AR\AJ  
 Sample : Q1842-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 01:15:48 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... | 3.552  | 2.883  | 35464326 | 264.4E6  | 17.755 | 18.082   |
| 2)                          | SA Decachlor... | 9.078  | 8.077  | 48252172 | 188.4E6  | 14.586 | 10.198 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.388  | 0        | 1874462  | N.D.   | 0.082 #  |
| 3)                          | MA gamma-BHC... | 4.302f | 3.737  | 25400881 | 11752009 | 6.066  | 0.546 #  |
| 4)                          | MA Heptachlor   | 4.946  | 4.078  | 2333227  | 9216594  | 0.578  | 0.431 #  |
| 5)                          | MB Aldrin       | 5.257f | 4.375  | 747800   | 4533006  | 0.189  | 0.218    |
| 6)                          | B beta-BHC      | 4.494f | 4.043  | 5417266  | 22614229 | 3.337  | 2.444 #  |
| 7)                          | B delta-BHC     | 4.780  | 4.278  | 6406585  | 5217309  | 1.553  | 0.245 #  |
| 8)                          | B Heptachlo...  | 5.688  | 4.872  | 672825   | 3312079  | 0.188  | 0.175    |
| 9)                          | A Endosulfan I  | 6.099f | 5.272f | 7177713  | 60484490 | 2.125  | 3.358 #  |
| 10)                         | B gamma-Chl...  | 5.945  | 5.155f | 1653320  | 101.7E6  | 0.456  | 5.012 #  |
| 11)                         | B alpha-Chl...  | 6.037  | 5.196  | 6348426  | 65016880 | 1.759  | 3.317 #  |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.380  | 3028767  | 29085033 | 0.918  | 1.477 #  |
| 13)                         | MA Dieldrin     | 6.351  | 5.515  | 194083   | 78570713 | 0.054  | 3.942 #  |
| 14)                         | MA Endrin       | 6.578  | 0.000  | 1345568  | 0        | 0.451  | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 6.075  | 0        | 18464789 | N.D.   | 1.054 #  |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.185  | 4617351  | 61911828 | 1.662  | 3.638 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.282f | 0        | 5687968  | N.D.   | 0.428 #  |
| 19)                         | B Endosulfa...  | 7.150  | 6.485  | -209284  | 20042341 | N.D.   | 1.170    |
| 20)                         | A Methoxychlor  | 0.000  | 6.740f | 0        | 21256256 | N.D.   | 2.330 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.990  | 0        | 12262630 | N.D.   | 0.656 #  |
| 23)                         | Chlordane-1     | 4.690f | 3.903  | 2388277  | 38952862 | 14.375 | 48.588 # |
| 24)                         | Chlordane-2     | 5.257  | 4.507  | 747800   | 1385539  | 4.491  | 1.679 #  |
| 25)                         | Chlordane-3     | 5.945  | 5.155f | 1653320  | 101.7E6  | 2.451  | 40.221 # |
| 26)                         | Chlordane-4     | 6.037  | 5.196  | 6348426  | 65016880 | 7.786  | 30.408 # |
| 27)                         | Chlordane-5     | 0.000  | 6.103  | 0        | 5529323  | N.D.   | 5.727 #  |
| -----                       |                 |        |        |          |          |        |          |

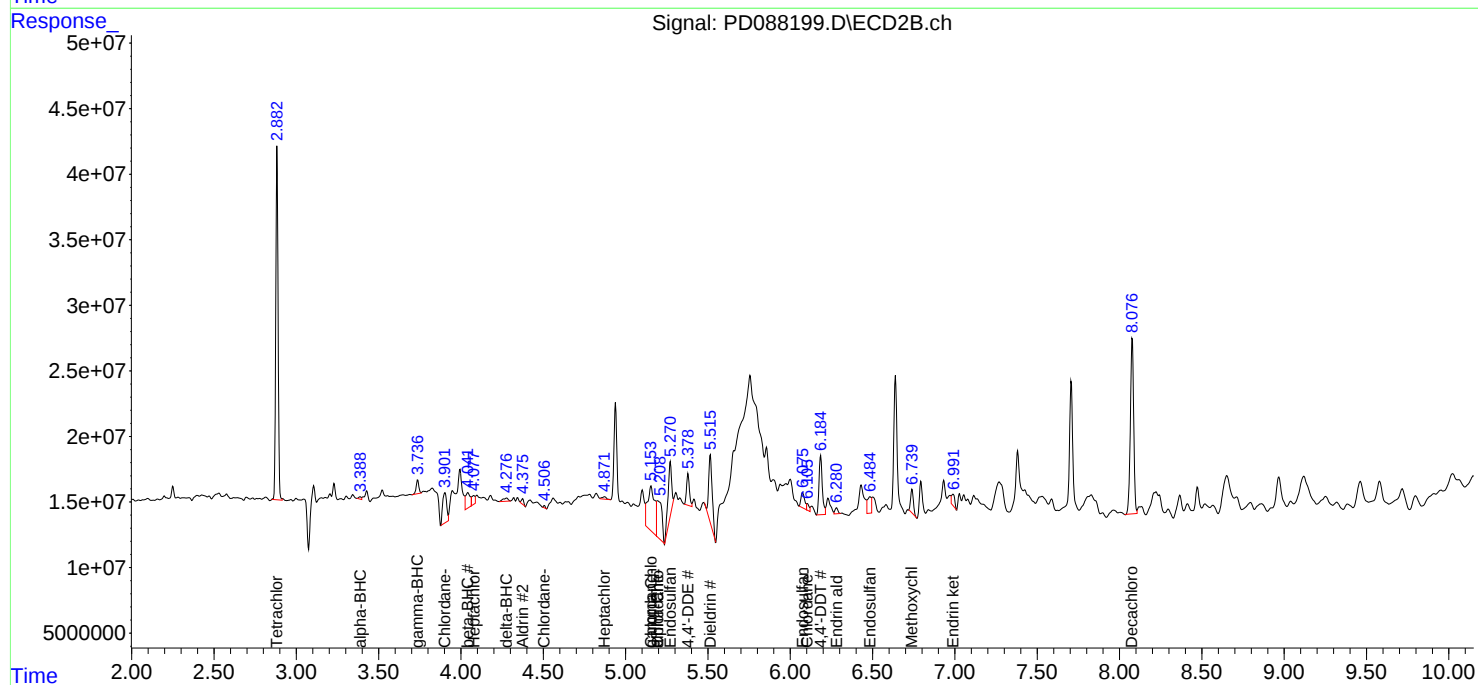
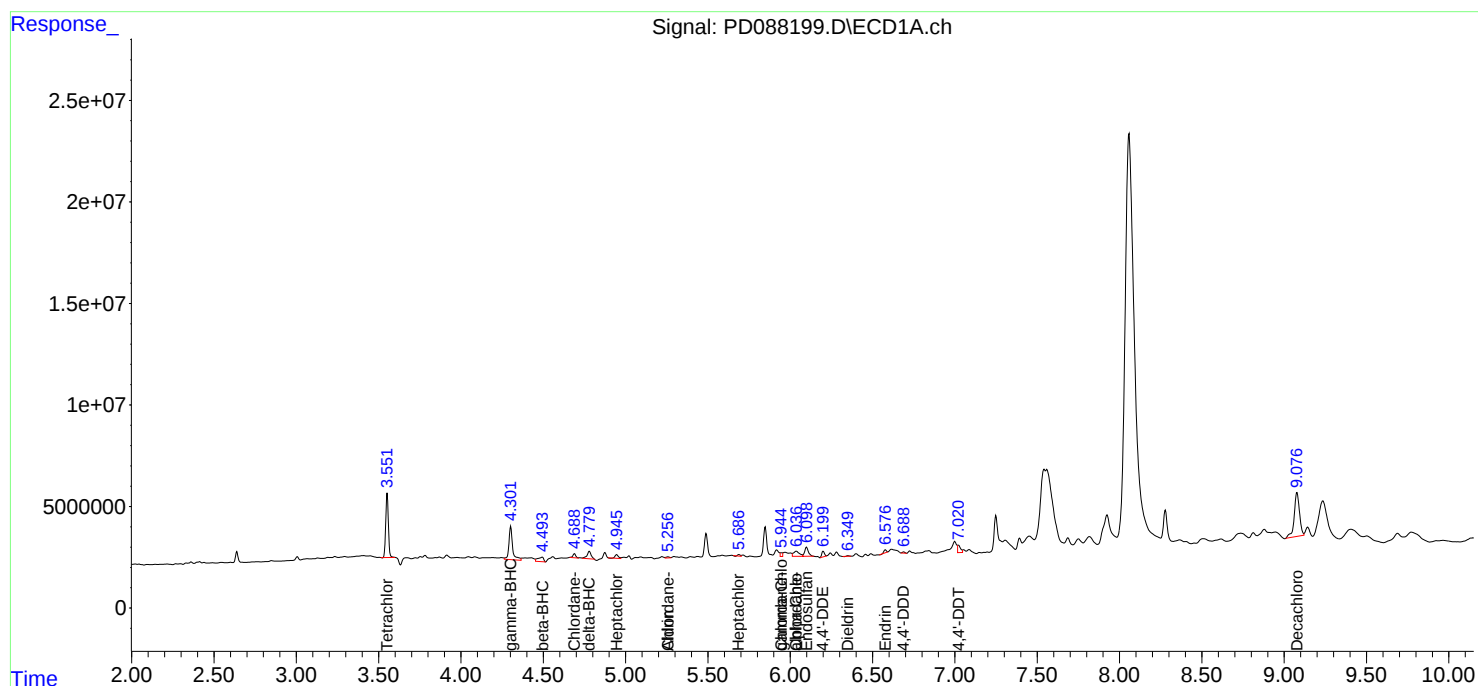
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

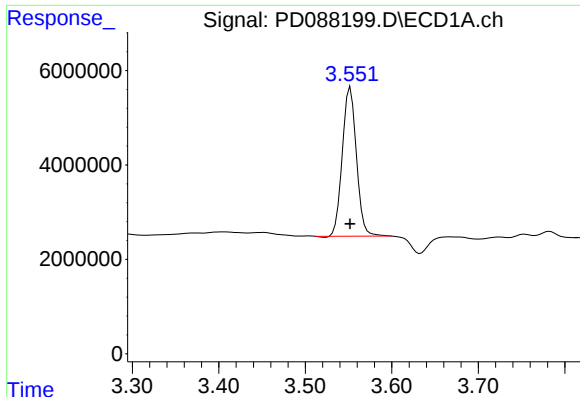
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042225\  
Data File : PD088199.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 11:00  
Operator : AR\AJ  
Sample : Q1842-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 01:15:48 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

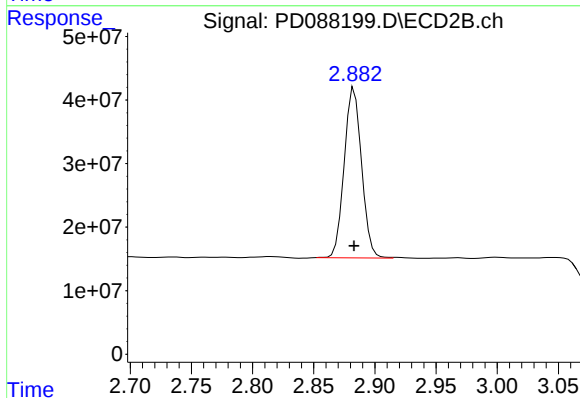




#1 Tetrachloro-m-xylene

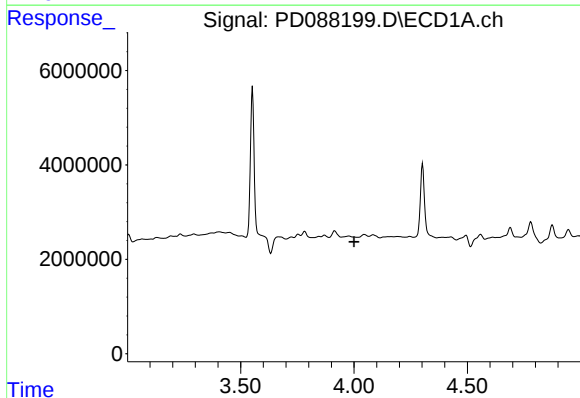
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 35464326  
Conc: 17.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



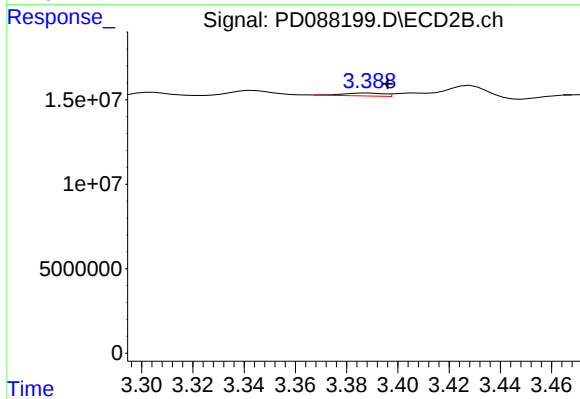
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 264382395  
Conc: 18.08 ng/ml



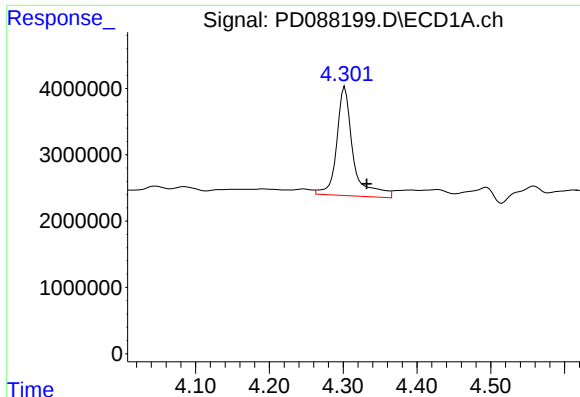
#2 alpha-BHC

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



#2 alpha-BHC

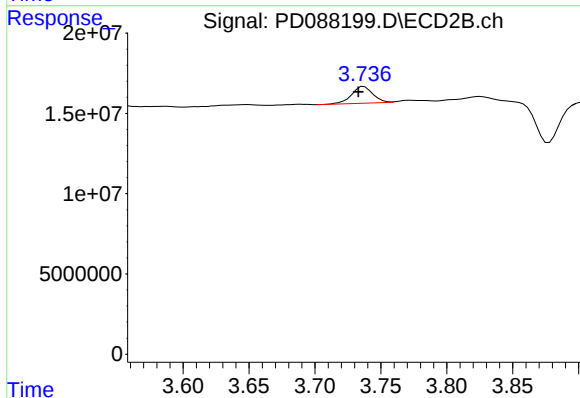
R.T.: 3.388 min  
Delta R.T.: -0.008 min  
Response: 1874462  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

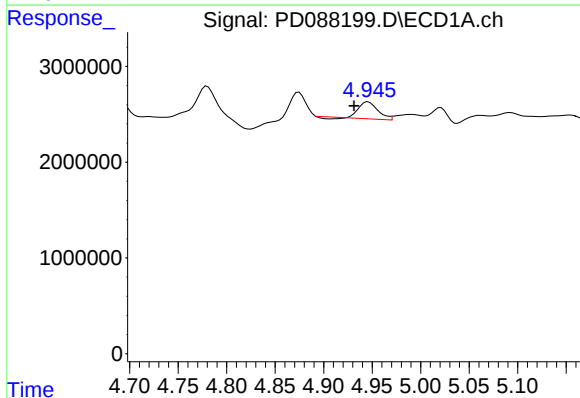
R.T.: 4.302 min  
Delta R.T.: -0.029 min  
Response: 25400881  
Conc: 6.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



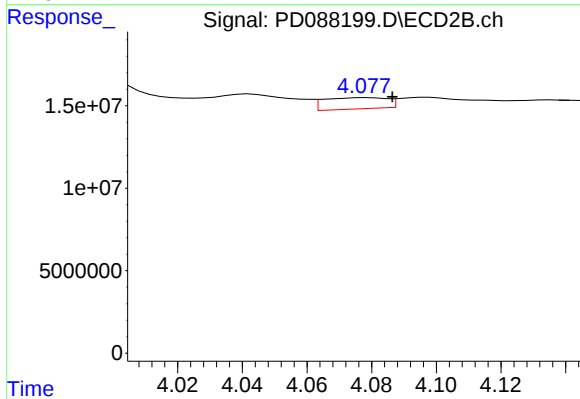
#3 gamma-BHC (Lindane)

R.T.: 3.737 min  
Delta R.T.: 0.004 min  
Response: 11752009  
Conc: 0.55 ng/ml



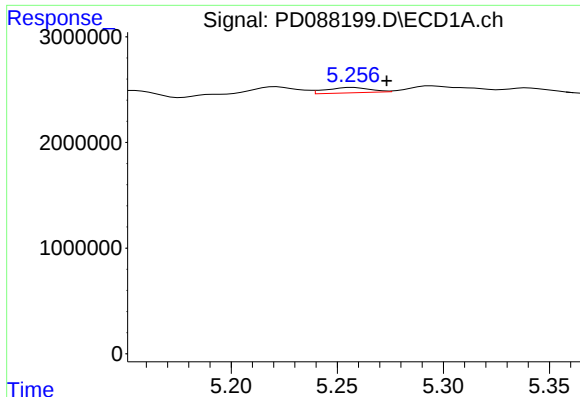
#4 Heptachlor

R.T.: 4.946 min  
Delta R.T.: 0.015 min  
Response: 2333227  
Conc: 0.58 ng/ml



#4 Heptachlor

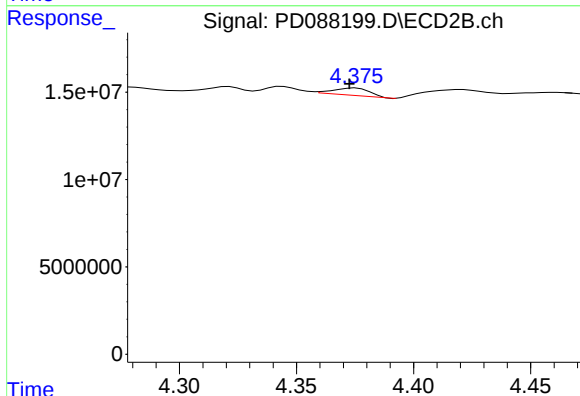
R.T.: 4.078 min  
Delta R.T.: -0.008 min  
Response: 9216594  
Conc: 0.43 ng/ml



#5 Aldrin

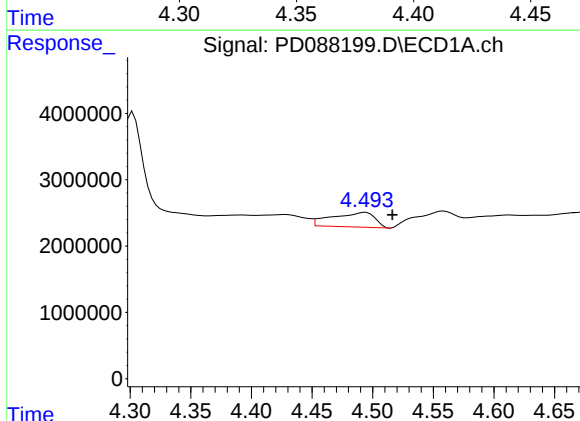
R.T.: 5.257 min  
Delta R.T.: -0.016 min  
Response: 747800  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



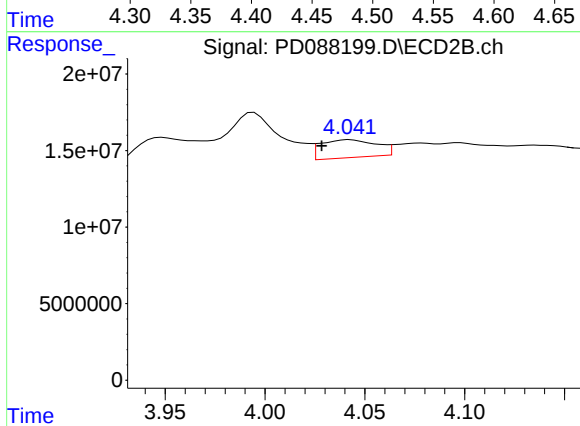
#5 Aldrin

R.T.: 4.375 min  
Delta R.T.: 0.002 min  
Response: 4533006  
Conc: 0.22 ng/ml



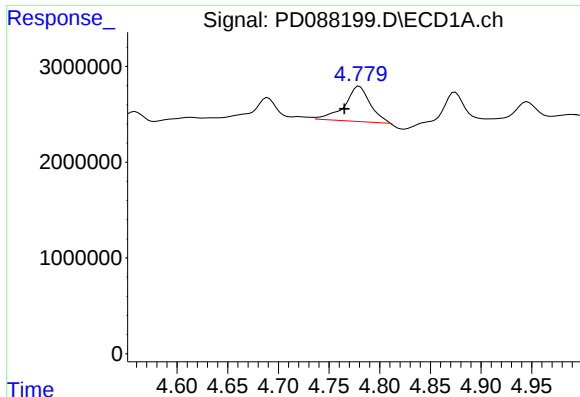
#6 beta-BHC

R.T.: 4.494 min  
Delta R.T.: -0.022 min  
Response: 5417266  
Conc: 3.34 ng/ml



#6 beta-BHC

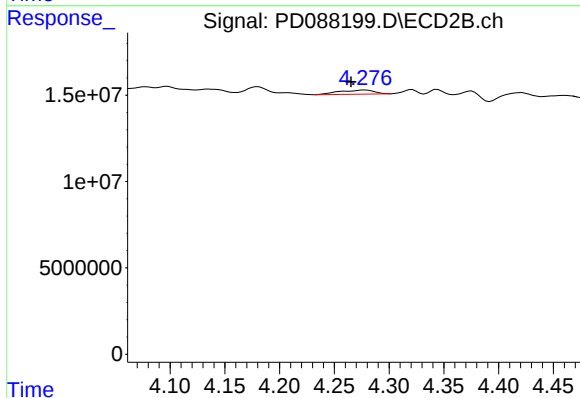
R.T.: 4.043 min  
Delta R.T.: 0.014 min  
Response: 22614229  
Conc: 2.44 ng/ml



#7 delta-BHC

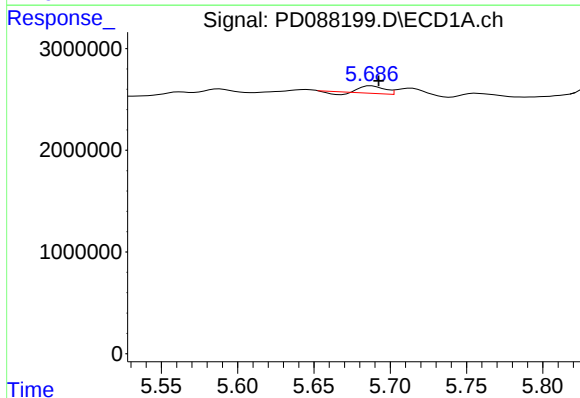
R.T.: 4.780 min  
Delta R.T.: 0.015 min  
Response: 6406585  
Conc: 1.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



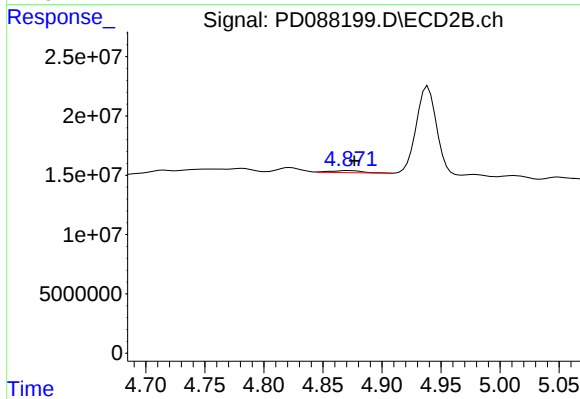
#7 delta-BHC

R.T.: 4.278 min  
Delta R.T.: 0.012 min  
Response: 5217309  
Conc: 0.25 ng/ml



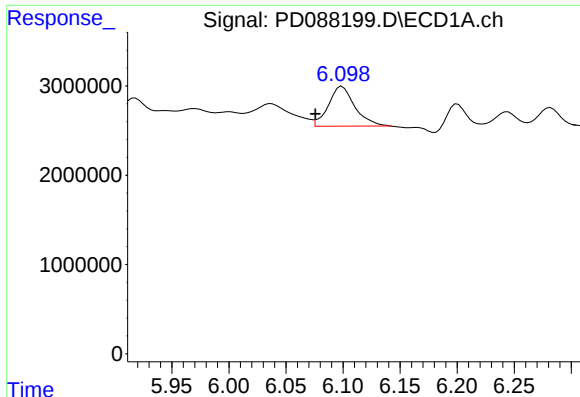
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.005 min  
Response: 672825  
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

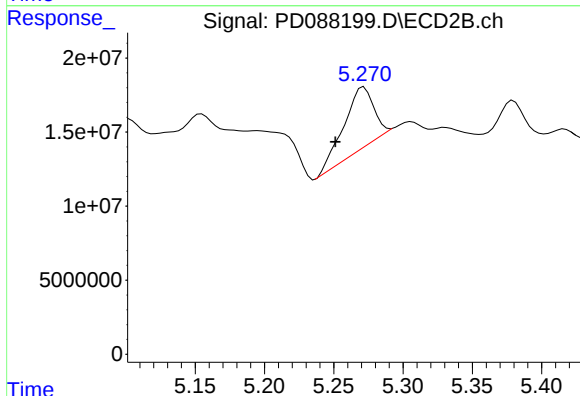
R.T.: 4.872 min  
Delta R.T.: -0.004 min  
Response: 3312079  
Conc: 0.18 ng/ml



#9 Endosulfan I

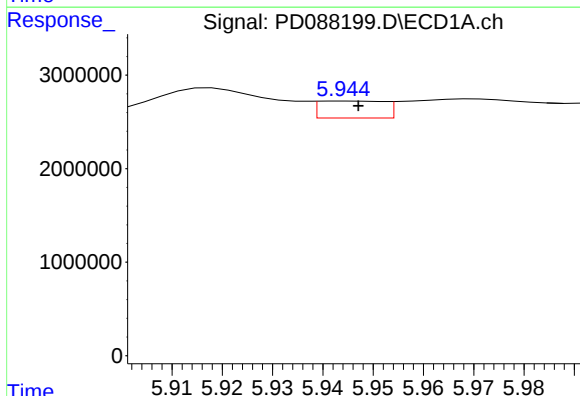
R.T.: 6.099 min  
Delta R.T.: 0.023 min  
Response: 7177713  
Conc: 2.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



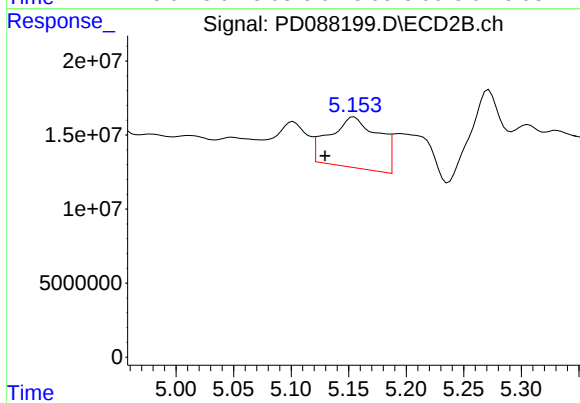
#9 Endosulfan I

R.T.: 5.272 min  
Delta R.T.: 0.021 min  
Response: 60484490  
Conc: 3.36 ng/ml



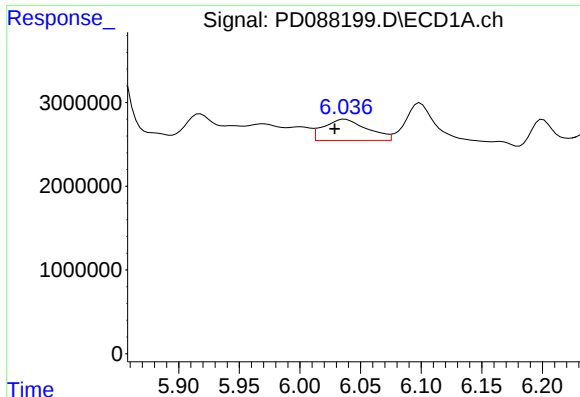
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.002 min  
Response: 1653320  
Conc: 0.46 ng/ml



#10 gamma-Chlordane

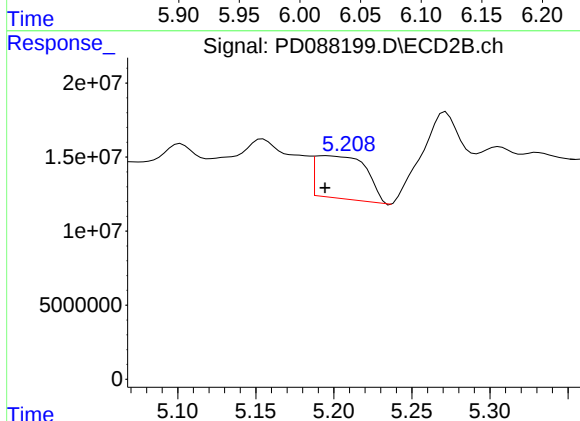
R.T.: 5.155 min  
Delta R.T.: 0.025 min  
Response: 101719599  
Conc: 5.01 ng/ml



#11 alpha-Chlordane

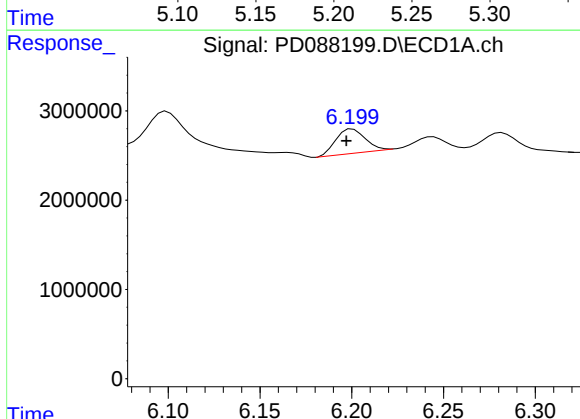
R.T.: 6.037 min  
Delta R.T.: 0.009 min  
Response: 6348426  
Conc: 1.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



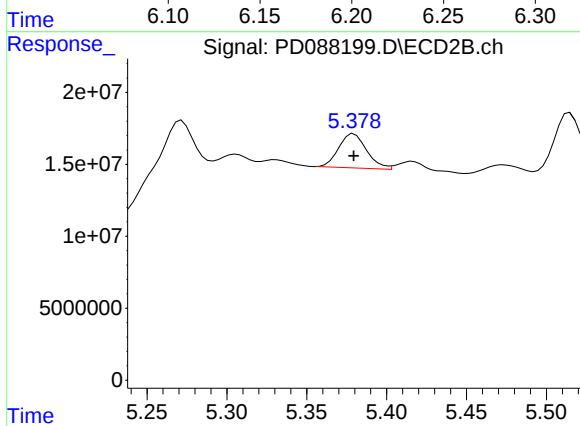
#11 alpha-Chlordane

R.T.: 5.196 min  
Delta R.T.: 0.001 min  
Response: 65016880  
Conc: 3.32 ng/ml



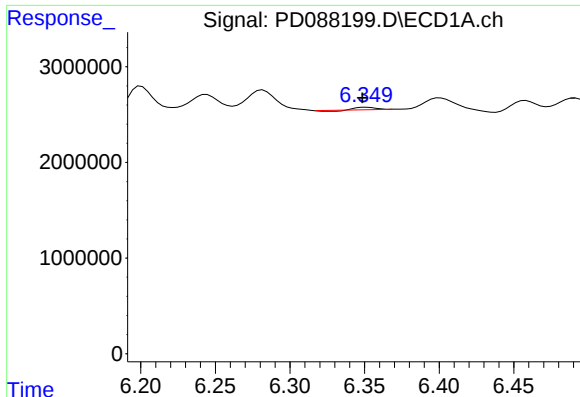
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.003 min  
Response: 3028767  
Conc: 0.92 ng/ml



#12 4,4'-DDE

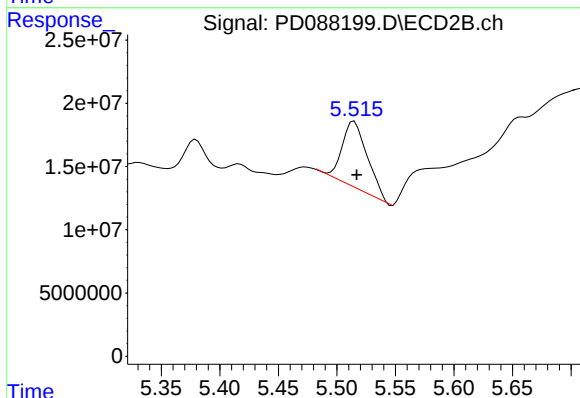
R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 29085033  
Conc: 1.48 ng/ml



#13 Dieldrin

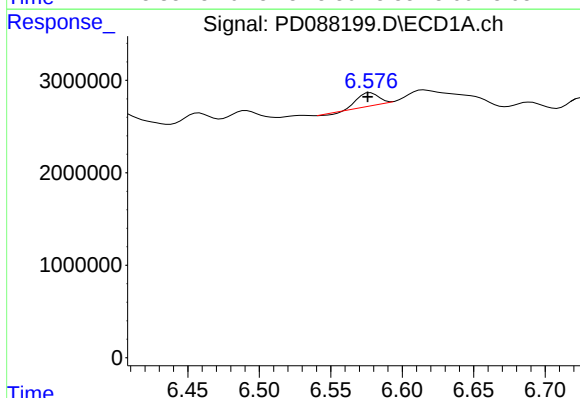
R.T.: 6.351 min  
Delta R.T.: 0.002 min  
Response: 194083  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



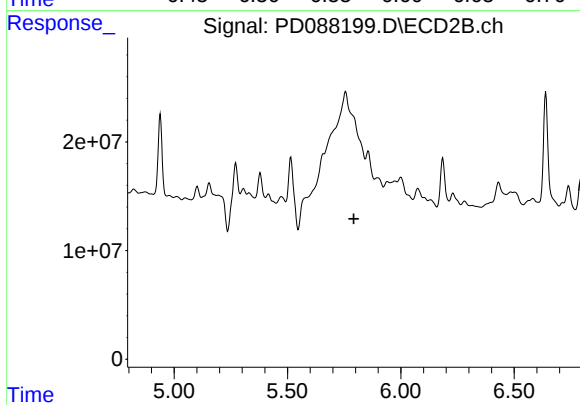
#13 Dieldrin

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 78570713  
Conc: 3.94 ng/ml



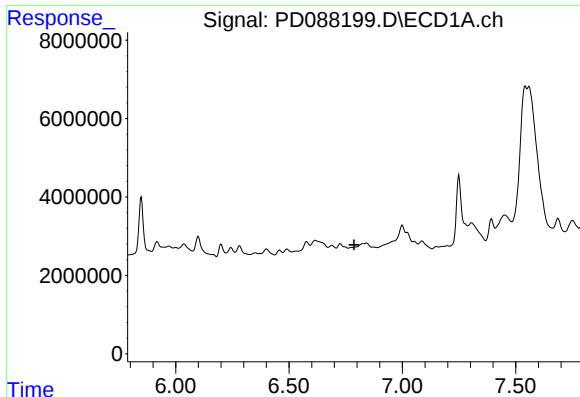
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.002 min  
Response: 1345568  
Conc: 0.45 ng/ml



#14 Endrin

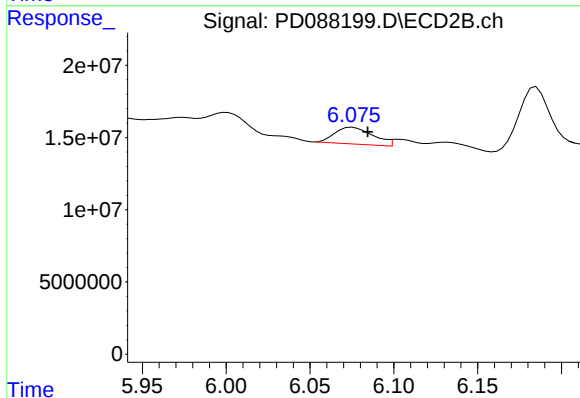
R.T.: 0.000 min  
Exp R.T. : 5.793 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

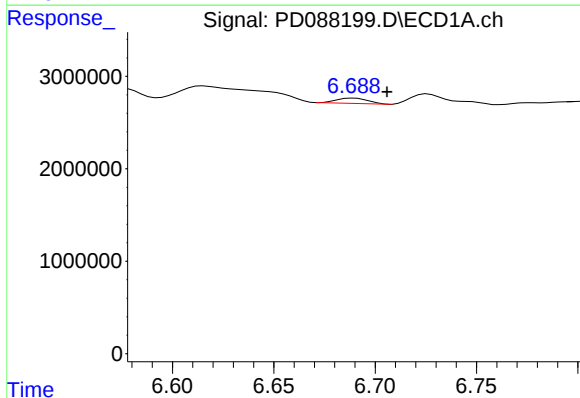
R.T.: 0.000 min  
Exp R.T.: 6.787 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



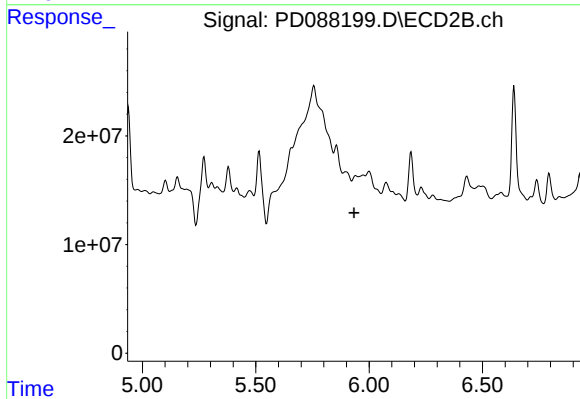
#15 Endosulfan II

R.T.: 6.075 min  
Delta R.T.: -0.009 min  
Response: 18464789  
Conc: 1.05 ng/ml



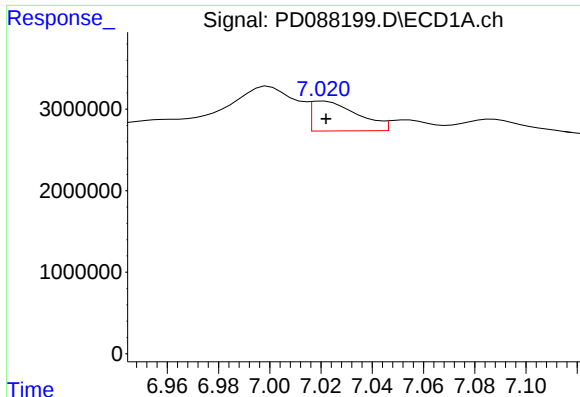
#16 4,4'-DDD

R.T.: 6.690 min  
Delta R.T.: -0.016 min  
Response: 607305  
Conc: 0.24 ng/ml



#16 4,4'-DDD

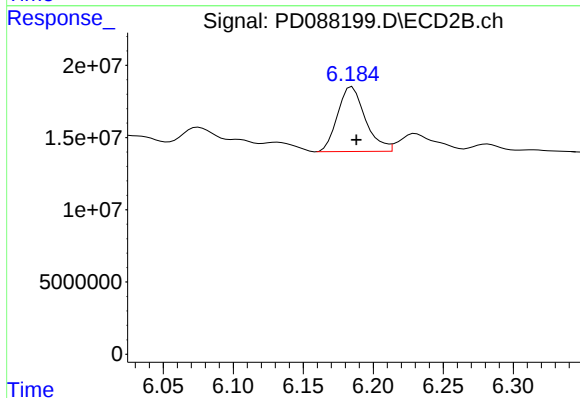
R.T.: 5.940 min  
Delta R.T.: 0.006 min  
Response: -5314964  
Conc: N.D.



#17 4,4'-DDT

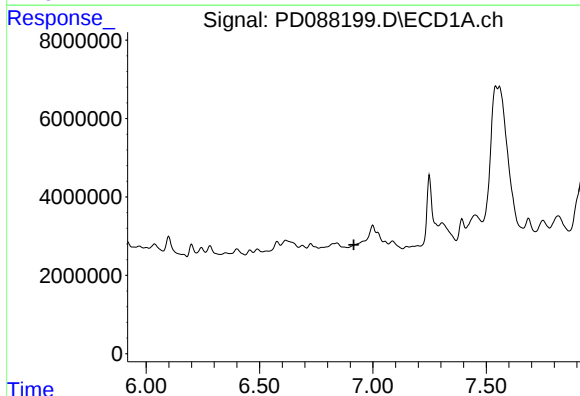
R.T.: 7.021 min  
Delta R.T.: -0.001 min  
Response: 4617351  
Conc: 1.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



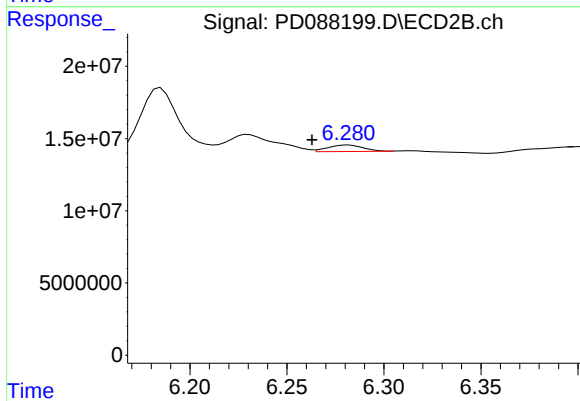
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 61911828  
Conc: 3.64 ng/ml



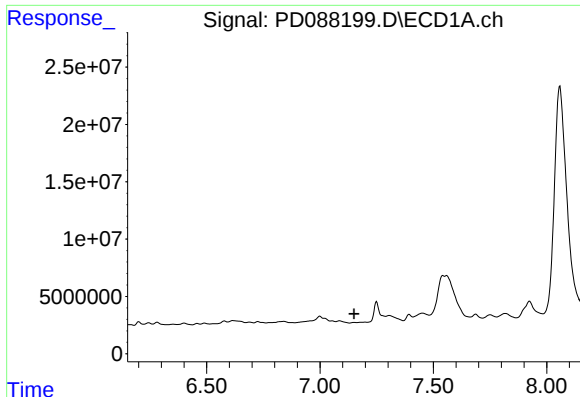
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.916 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

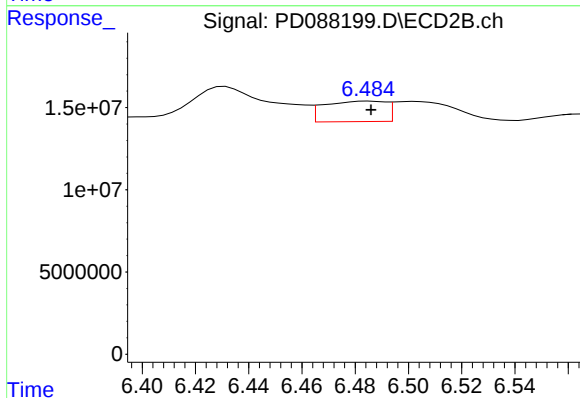
R.T.: 6.282 min  
Delta R.T.: 0.019 min  
Response: 5687968  
Conc: 0.43 ng/ml



#19 Endosulfan Sulfate

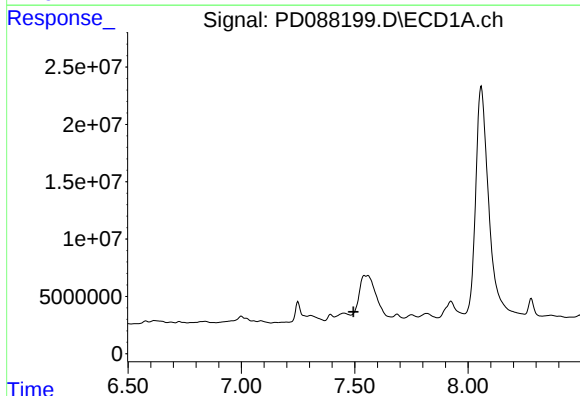
R.T.: 7.150 min  
Delta R.T.: 0.000 min  
Response: -209284  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



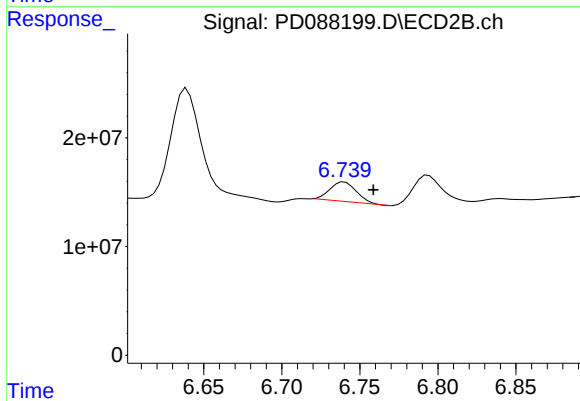
#19 Endosulfan Sulfate

R.T.: 6.485 min  
Delta R.T.: 0.000 min  
Response: 20042341  
Conc: 1.17 ng/ml



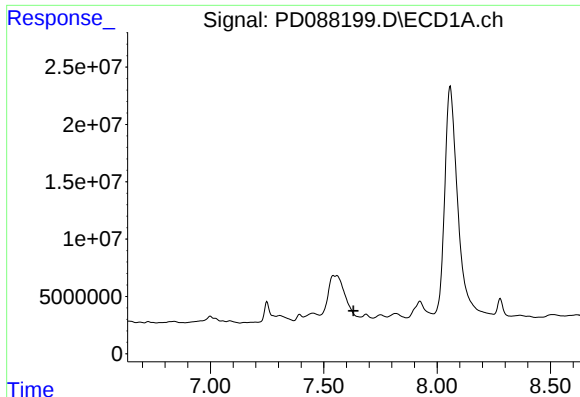
#20 Methoxychlor

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



#20 Methoxychlor

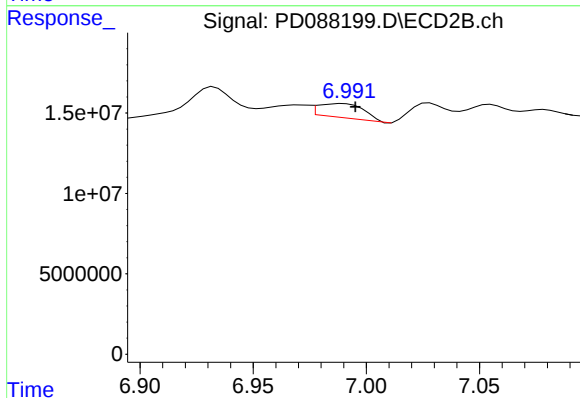
R.T.: 6.740 min  
Delta R.T.: -0.018 min  
Response: 21256256  
Conc: 2.33 ng/ml



#21 Endrin ketone

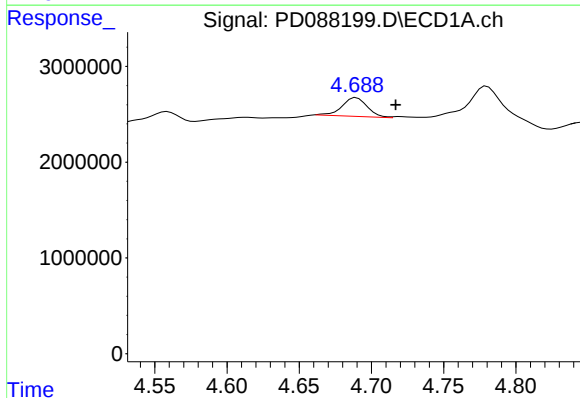
R.T.: 0.000 min  
Exp R.T.: 7.631 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



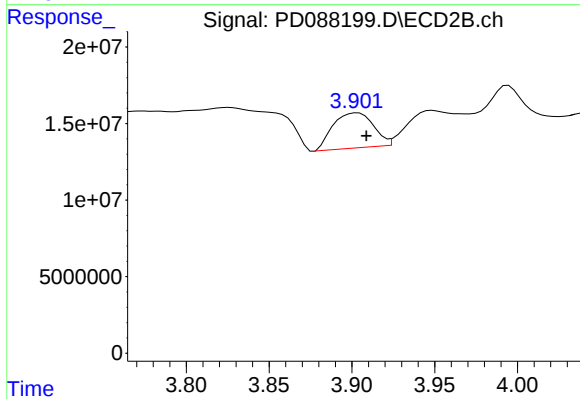
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: -0.006 min  
Response: 12262630  
Conc: 0.66 ng/ml



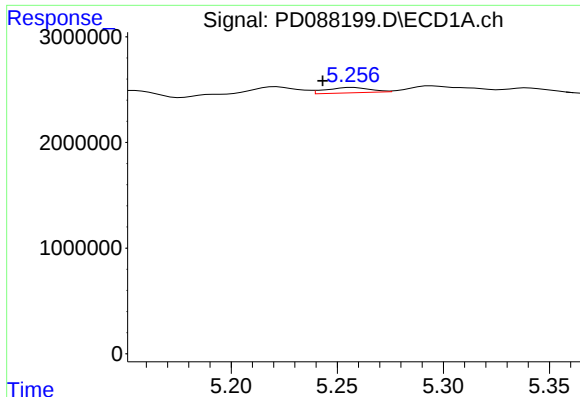
#23 Chlordane-1

R.T.: 4.690 min  
Delta R.T.: -0.027 min  
Response: 2388277  
Conc: 14.37 ng/ml



#23 Chlordane-1

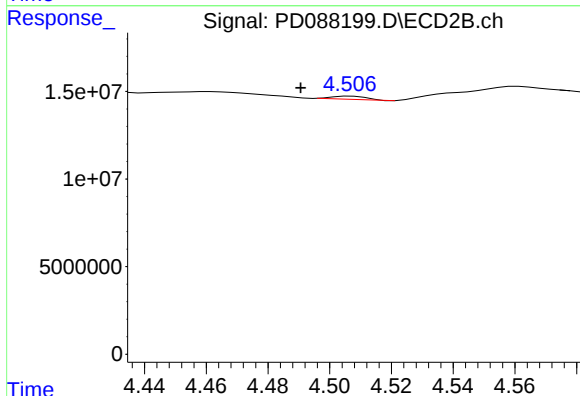
R.T.: 3.903 min  
Delta R.T.: -0.005 min  
Response: 38952862  
Conc: 48.59 ng/ml



#24 Chlordane-2

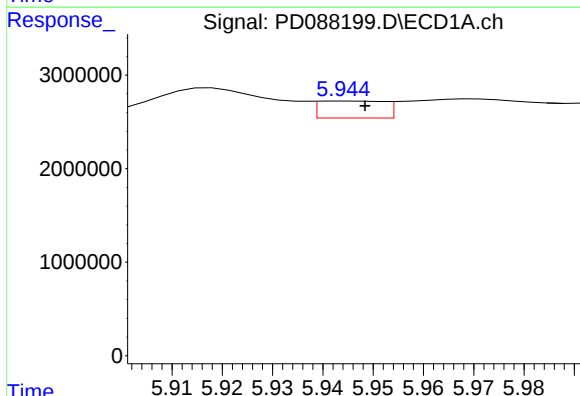
R.T.: 5.257 min  
Delta R.T.: 0.014 min  
Response: 747800  
Conc: 4.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



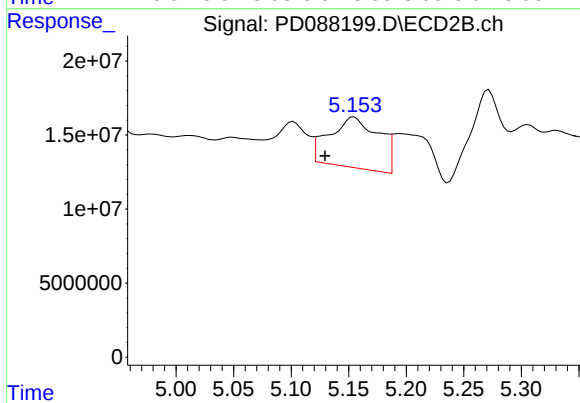
#24 Chlordane-2

R.T.: 4.507 min  
Delta R.T.: 0.016 min  
Response: 1385539  
Conc: 1.68 ng/ml



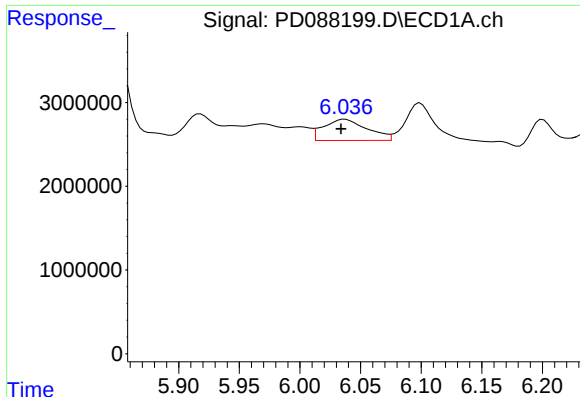
#25 Chlordane-3

R.T.: 5.945 min  
Delta R.T.: -0.003 min  
Response: 1653320  
Conc: 2.45 ng/ml



#25 Chlordane-3

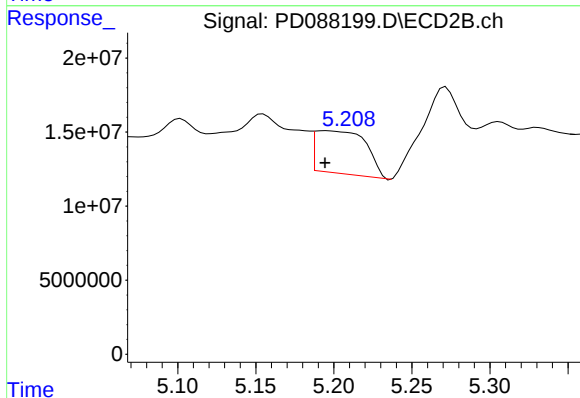
R.T.: 5.155 min  
Delta R.T.: 0.025 min  
Response: 101719599  
Conc: 40.22 ng/ml



#26 Chlordane-4

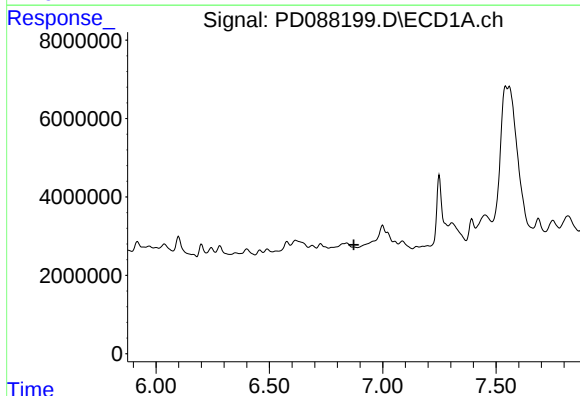
R.T.: 6.037 min  
Delta R.T.: 0.003 min  
Response: 6348426  
Conc: 7.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



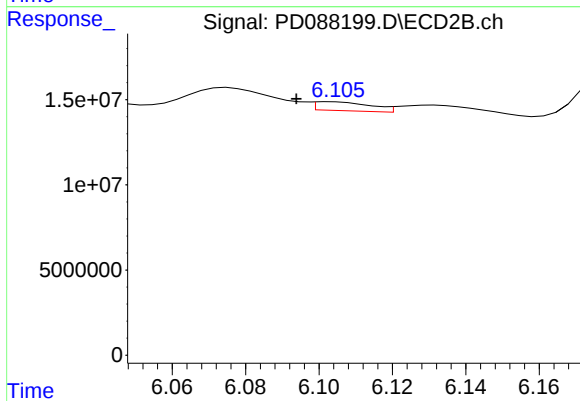
#26 Chlordane-4

R.T.: 5.196 min  
Delta R.T.: 0.001 min  
Response: 65016880  
Conc: 30.41 ng/ml



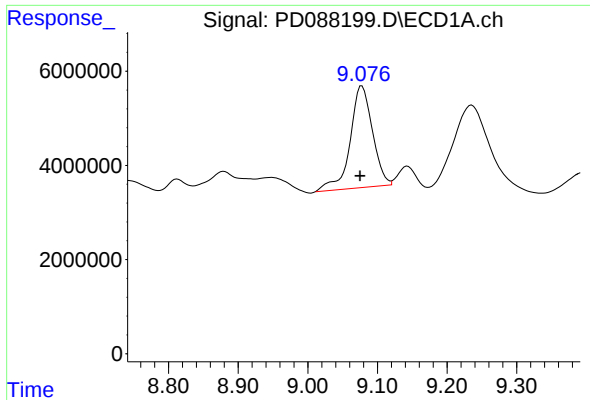
#27 Chlordane-5

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



#27 Chlordane-5

R.T.: 6.103 min  
Delta R.T.: 0.009 min  
Response: 5529323  
Conc: 5.73 ng/ml



#28 Decachlorobiphenyl

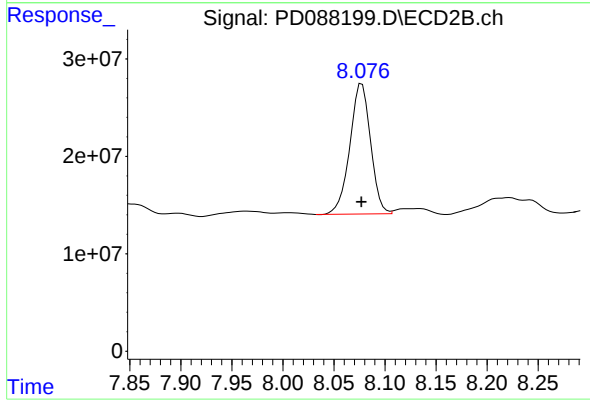
R.T.: 9.078 min

Delta R.T.: 0.003 min

Response: 48252172

Conc: 14.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.077 min

Delta R.T.: 0.000 min

Response: 188445950

Conc: 10.20 ng/ml