

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063025\  
 Data File : PD089246.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2025 18:16  
 Operator : AR\AJ  
 Sample : Q2450-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PL-2-062725

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:37:03 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... | 3.550  | 2.881  | 23338469 | 271.5E6  | 8.180  | 16.017 #  |
| 2)                          | SA Decachlor... | 9.090  | 8.071  | 213.5E6  | 154.3E6  | 54.353 | 7.805 #   |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.411f | 0        | 19056697 | N.D.   | 0.711 #   |
| 3)                          | MA gamma-BHC... | 4.337  | 0.000  | 7402679  | 0        | 1.326  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.954f | 4.102f | 5026243  | 18396099 | 0.922  | 0.735     |
| 5)                          | MB Aldrin       | 5.261  | 4.360  | 9631242  | 101.5E6  | 1.813  | 4.193 #   |
| 6)                          | B beta-BHC      | 4.546f | 4.028  | 7460063  | 163.2E6  | 3.380  | 15.191 #  |
| 7)                          | B delta-BHC     | 4.780f | 4.247f | -126974  | 15577500 | N.D.   | 0.626     |
| 8)                          | A Heptachlo...  | 5.688  | 4.868  | -403503  | 37042122 | N.D.   | 1.692     |
| 9)                          | A Endosulfan I  | 6.101f | 5.232  | 4244057  | 1810795  | 0.942  | 0.087 #   |
| 10)                         | B gamma-Chl...  | 5.941  | 5.126  | 2256011  | 163.0E6  | 0.471  | 6.812 #   |
| 11)                         | B alpha-Chl...  | 6.027  | 5.189  | 8892503  | 107.0E6  | 1.838  | 4.672 #   |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.375  | 28067839 | 238.4E6  | 6.436  | 10.403 #  |
| 13)                         | MA Dieldrin     | 6.364f | 5.514  | -251678  | 34078988 | N.D.   | 1.468     |
| 14)                         | MA Endrin       | 6.569  | 5.792  | 843216   | 56344348 | 0.204  | 2.595 #   |
| 15)                         | B Endosulfa...  | 6.795  | 6.076  | 3145667  | -1054748 | 0.779  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.703  | 5.926  | 8374863  | 46993831 | 2.440  | 2.457     |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.179  | 7736780  | 42804904 | 2.042  | 2.111     |
| 18)                         | B Endrin al...  | 6.913  | 6.272  | -103744  | 7149376  | N.D.   | 0.467     |
| 19)                         | B Endosulfa...  | 7.146  | 0.000  | 853074   | 0        | 0.222  | N.D. #    |
| 21)                         | B Endrin ke...  | 7.616  | 0.000  | 1069494  | 0        | 0.263  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 7.186  | 0        | 5164675  | N.D.   | 0.310 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.900  | 0        | 88583906 | N.D.   | 95.022 #  |
| 24)                         | Chlordane-2     | 5.261f | 4.519f | 9631242  | 114.8E6  | 44.117 | 120.623 # |
| 25)                         | Chlordane-3     | 5.941  | 5.126  | 2256011  | 163.0E6  | 2.616  | 54.866 #  |
| 26)                         | Chlordane-4     | 6.027  | 5.189  | 8892503  | 107.0E6  | 8.463  | 42.679 #  |
| -----                       |                 |        |        |          |          |        |           |

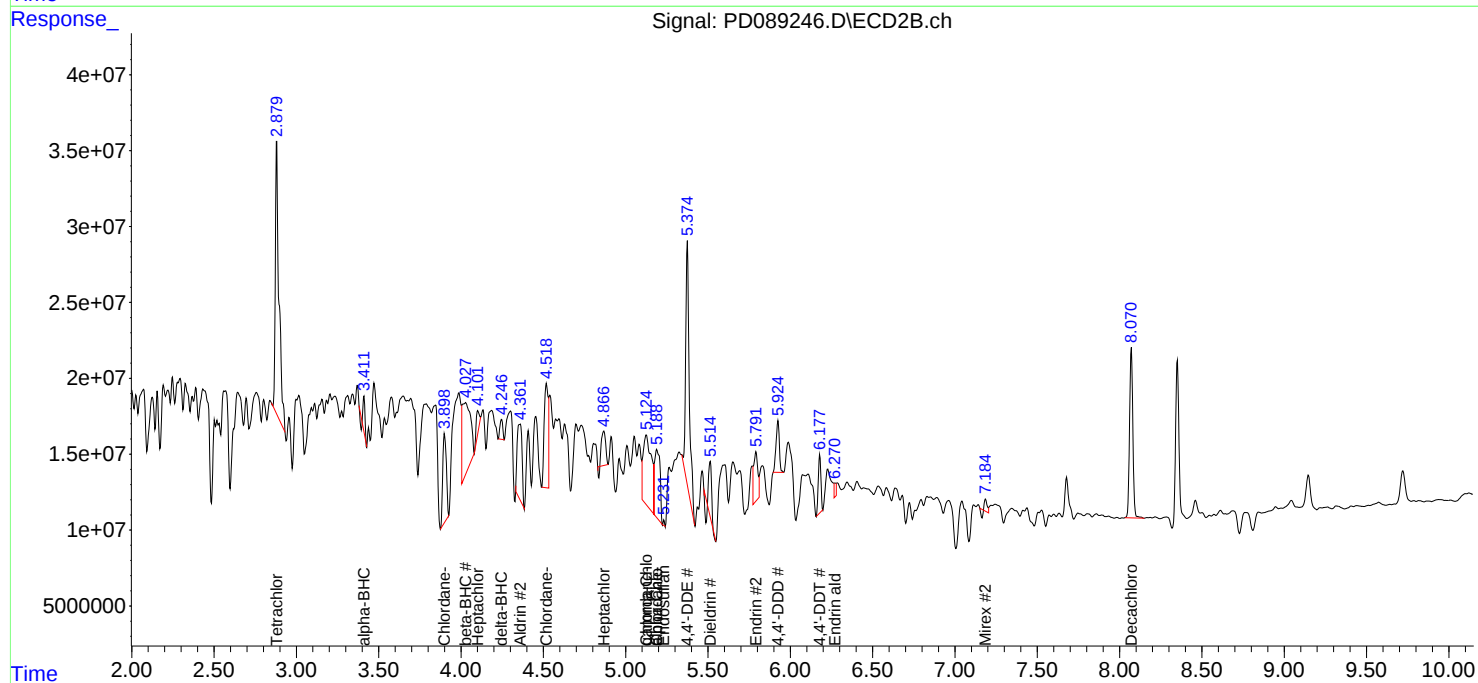
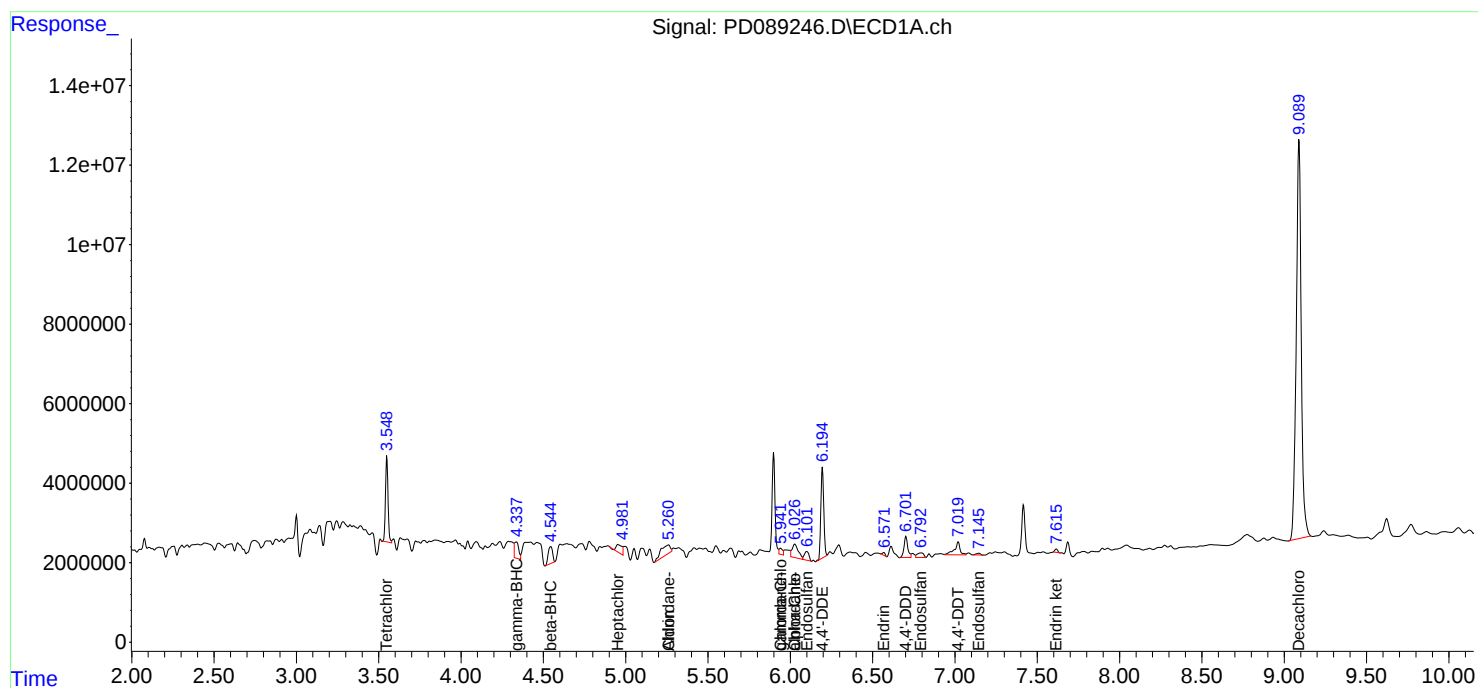
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

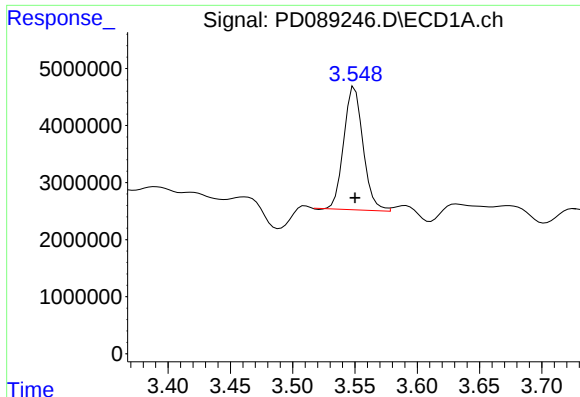
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063025\  
Data File : PD089246.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2025 18:16  
Operator : AR\AJ  
Sample : Q2450-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 01:37:03 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

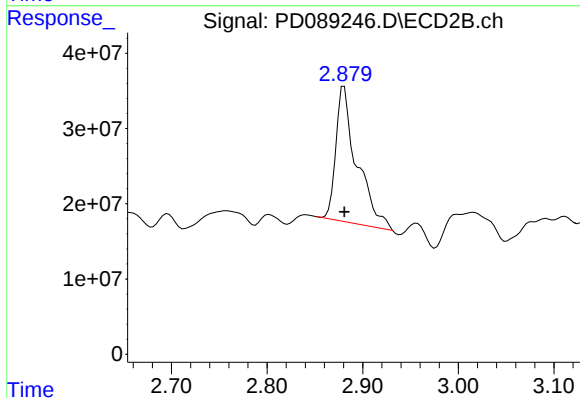




#1 Tetrachloro-m-xylene

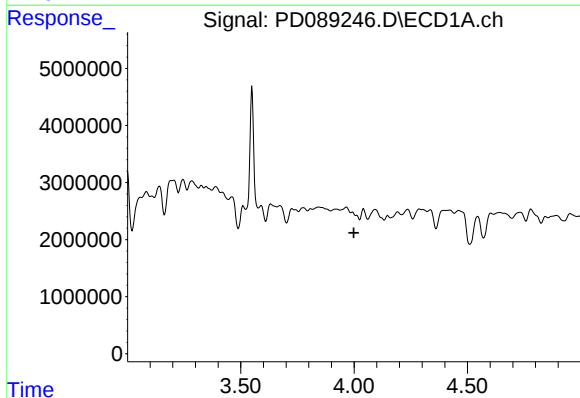
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 23338469  
Conc: 8.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



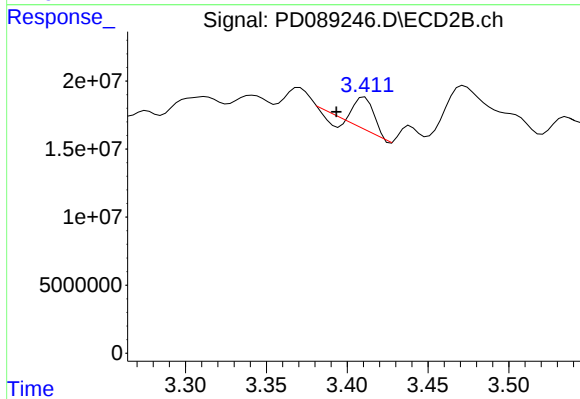
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 271541760  
Conc: 16.02 ng/ml



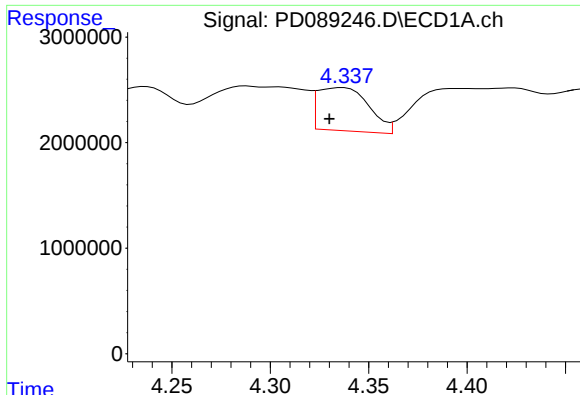
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.999 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

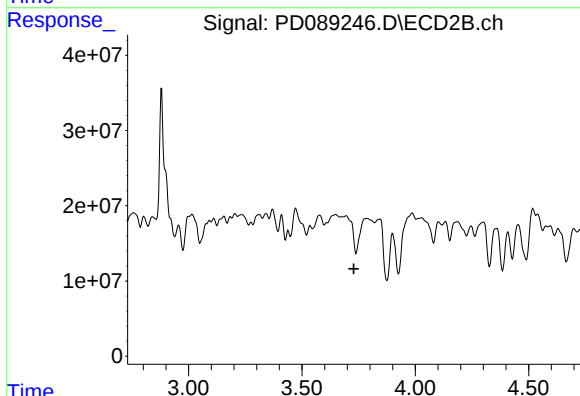
R.T.: 3.411 min  
Delta R.T.: 0.017 min  
Response: 19056697  
Conc: 0.71 ng/ml



#3 gamma-BHC (Lindane)

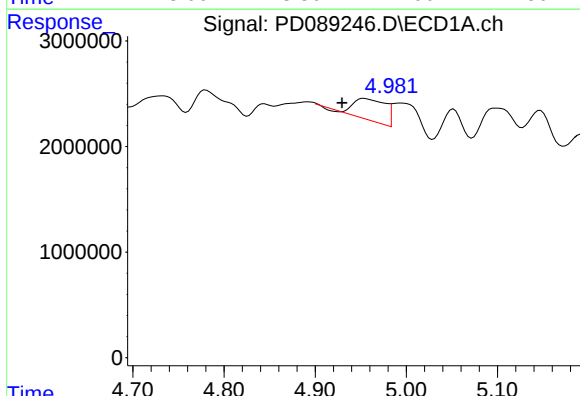
R.T.: 4.337 min  
Delta R.T.: 0.007 min  
Response: 7402679  
Conc: 1.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



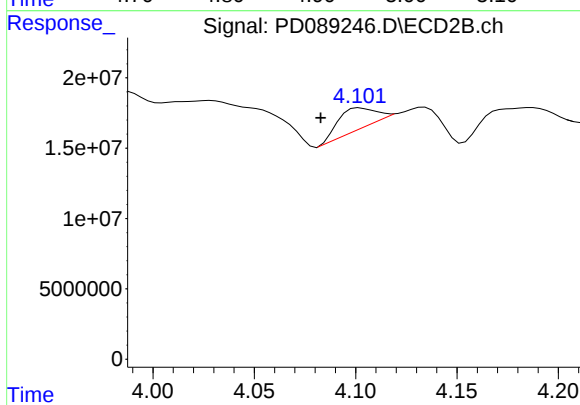
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.729 min  
Response: 0  
Conc: N.D.



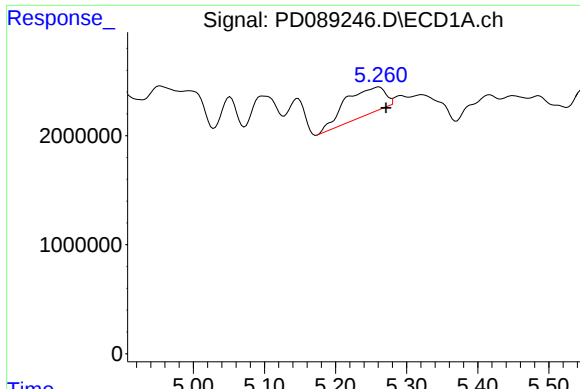
#4 Heptachlor

R.T.: 4.954 min  
Delta R.T.: 0.024 min  
Response: 5026243  
Conc: 0.92 ng/ml



#4 Heptachlor

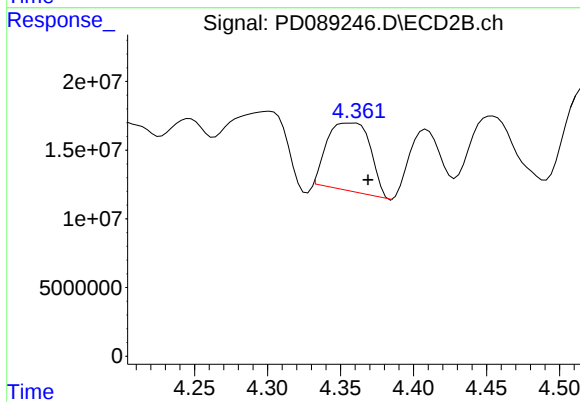
R.T.: 4.102 min  
Delta R.T.: 0.019 min  
Response: 18396099  
Conc: 0.73 ng/ml



#5 Aldrin

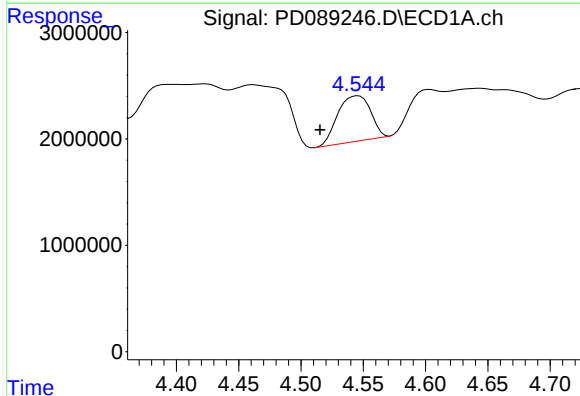
R.T.: 5.261 min  
Delta R.T.: -0.010 min  
Response: 9631242  
Conc: 1.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



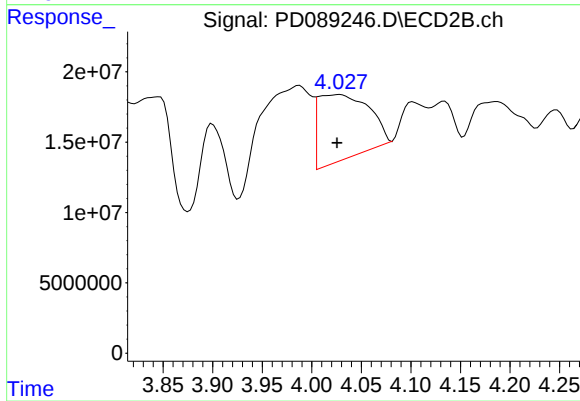
#5 Aldrin

R.T.: 4.360 min  
Delta R.T.: -0.009 min  
Response: 101537698  
Conc: 4.19 ng/ml



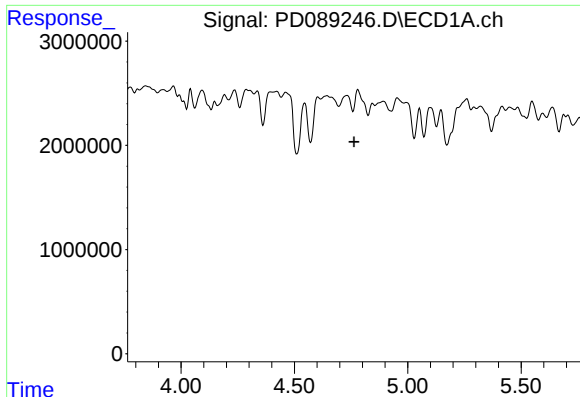
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.031 min  
Response: 7460063  
Conc: 3.38 ng/ml



#6 beta-BHC

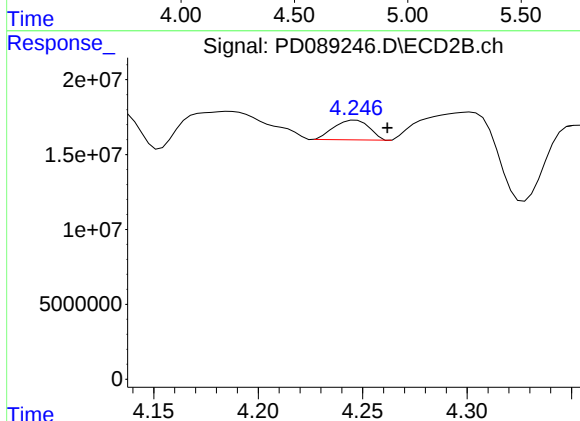
R.T.: 4.028 min  
Delta R.T.: 0.003 min  
Response: 163247399  
Conc: 15.19 ng/ml



#7 delta-BHC

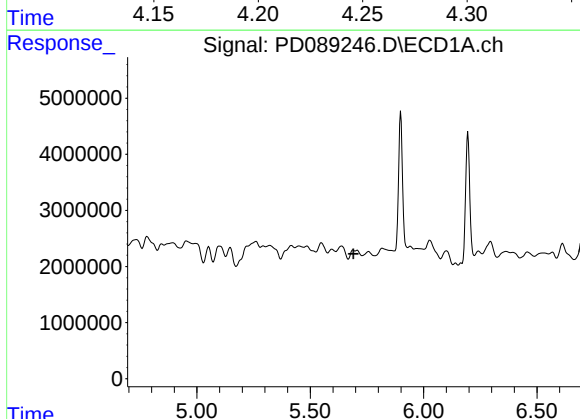
R.T.: 4.780 min  
Delta R.T.: 0.016 min  
Response: -126974  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



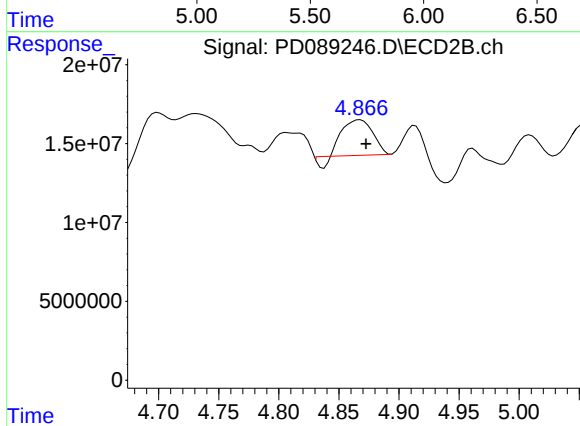
#7 delta-BHC

R.T.: 4.247 min  
Delta R.T.: -0.015 min  
Response: 15577500  
Conc: 0.63 ng/ml



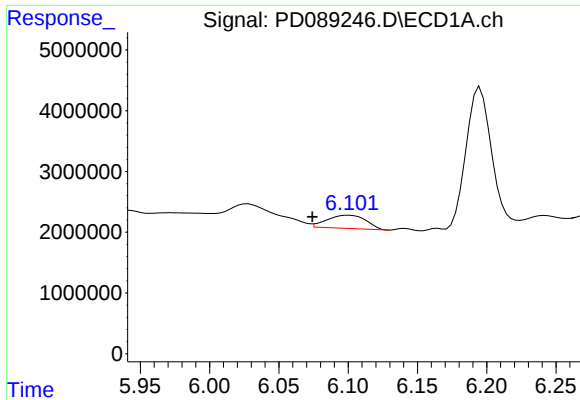
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.002 min  
Response: -403503  
Conc: N.D.



#8 Heptachlor epoxide

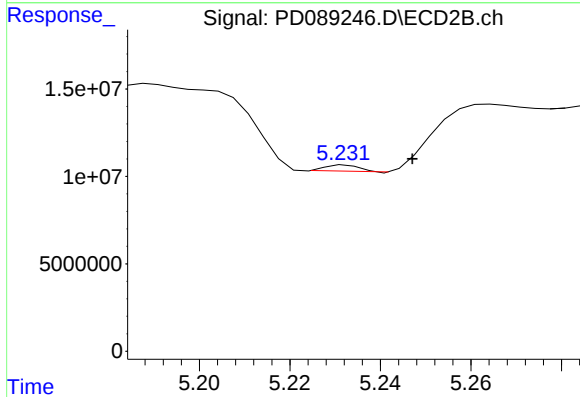
R.T.: 4.868 min  
Delta R.T.: -0.005 min  
Response: 37042122  
Conc: 1.69 ng/ml



#9 Endosulfan I

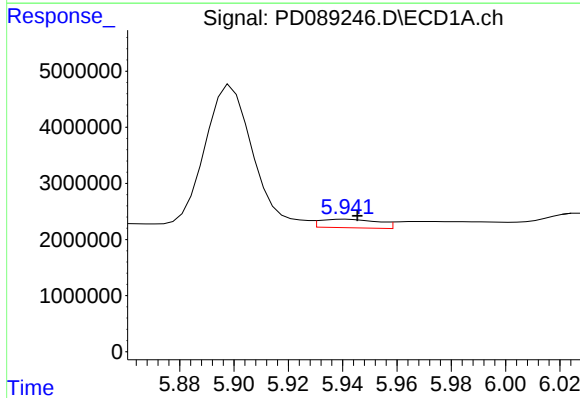
R.T.: 6.101 min  
Delta R.T.: 0.027 min  
Response: 4244057  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



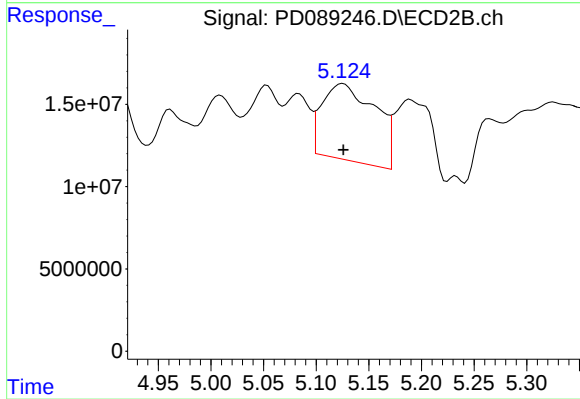
#9 Endosulfan I

R.T.: 5.232 min  
Delta R.T.: -0.015 min  
Response: 1810795  
Conc: 0.09 ng/ml



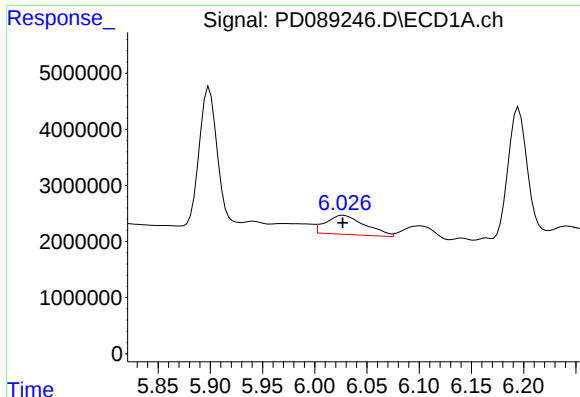
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 2256011  
Conc: 0.47 ng/ml



#10 gamma-Chlordane

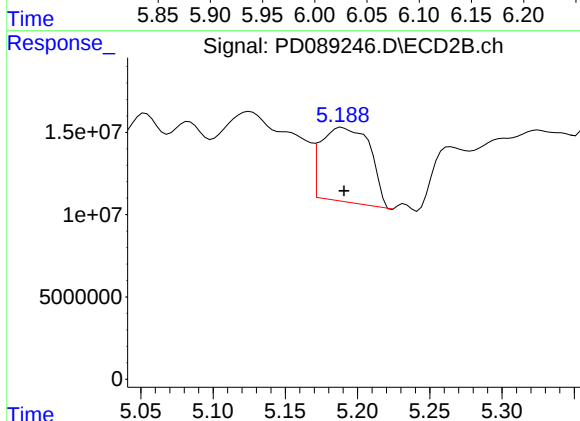
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 162963162  
Conc: 6.81 ng/ml



#11 alpha-Chlordane

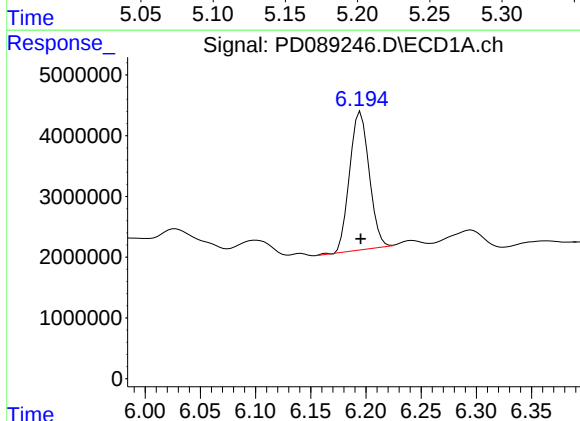
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 8892503  
Conc: 1.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



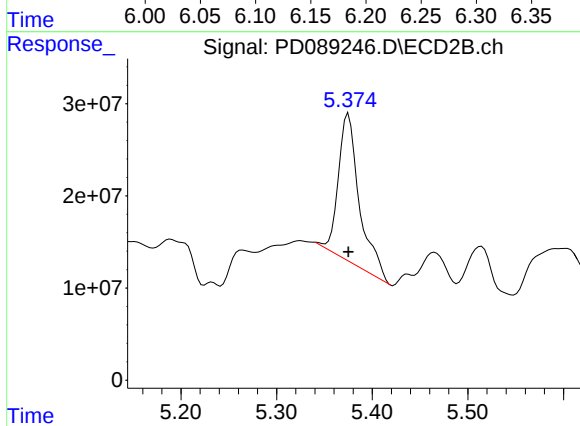
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.001 min  
Response: 106984696  
Conc: 4.67 ng/ml



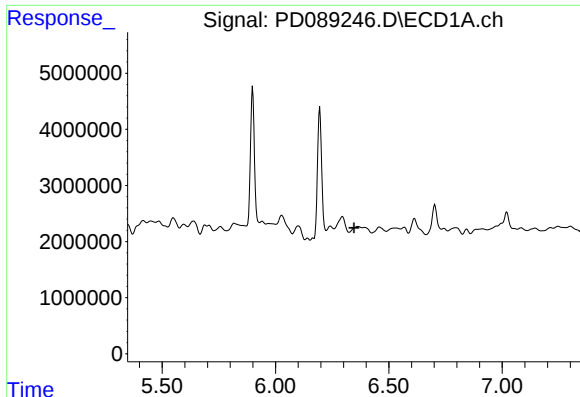
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 28067839  
Conc: 6.44 ng/ml



#12 4,4'-DDE

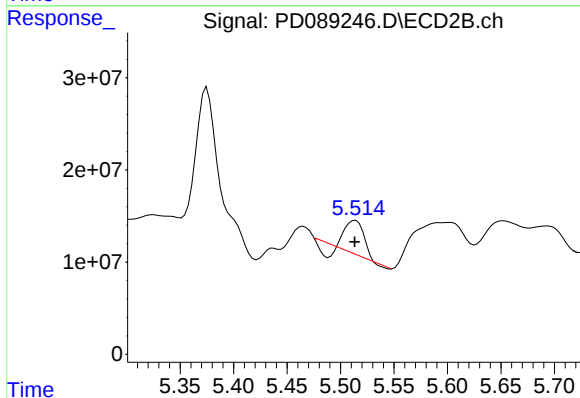
R.T.: 5.375 min  
Delta R.T.: 0.000 min  
Response: 238406419  
Conc: 10.40 ng/ml



#13 Dieldrin

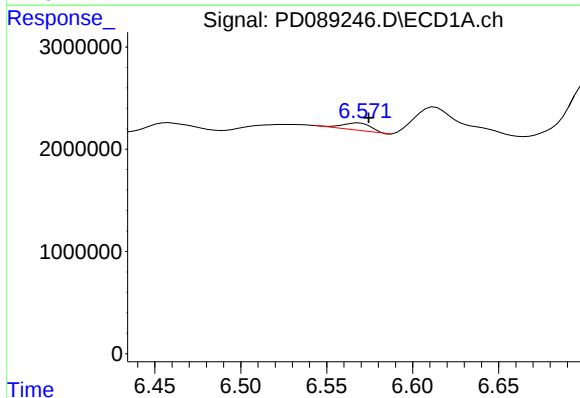
R.T.: 6.364 min  
Delta R.T.: 0.017 min  
Response: -251678  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



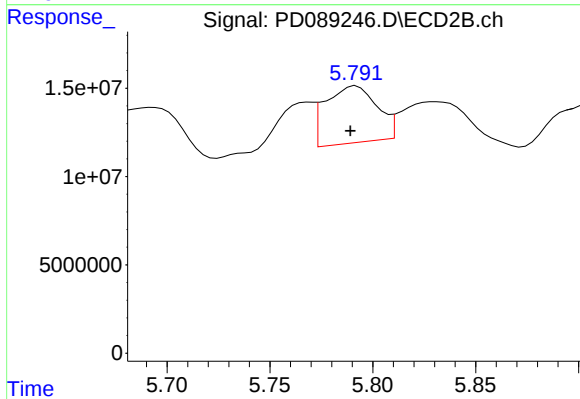
#13 Dieldrin

R.T.: 5.514 min  
Delta R.T.: 0.001 min  
Response: 34078988  
Conc: 1.47 ng/ml



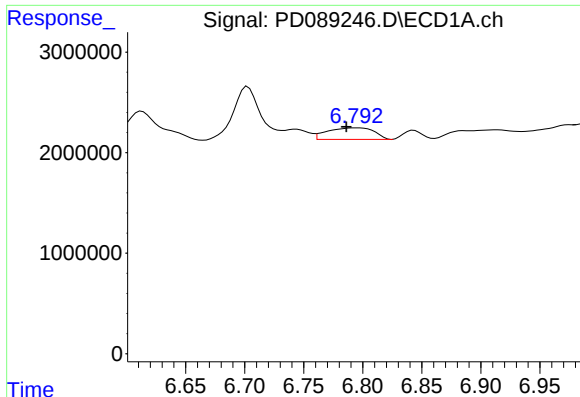
#14 Endrin

R.T.: 6.569 min  
Delta R.T.: -0.006 min  
Response: 843216  
Conc: 0.20 ng/ml



#14 Endrin

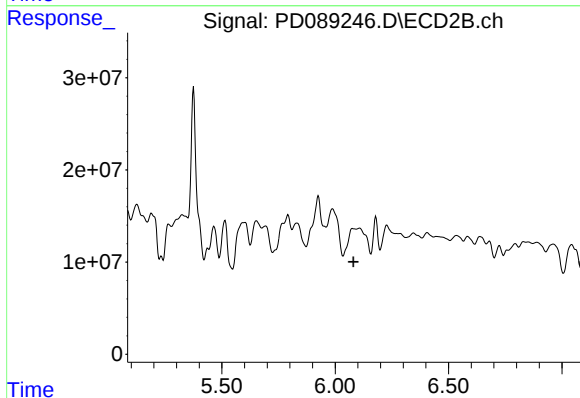
R.T.: 5.792 min  
Delta R.T.: 0.003 min  
Response: 56344348  
Conc: 2.59 ng/ml



#15 Endosulfan II

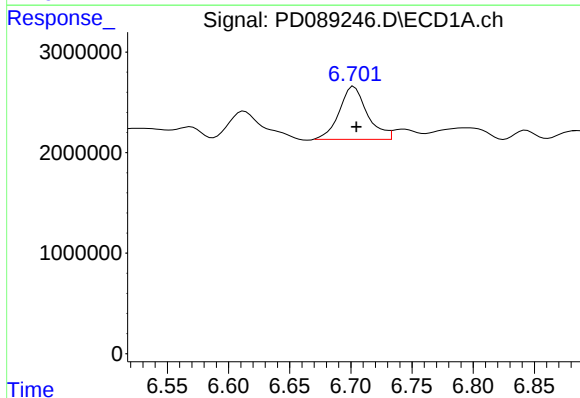
R.T.: 6.795 min  
Delta R.T.: 0.009 min  
Response: 3145667  
Conc: 0.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



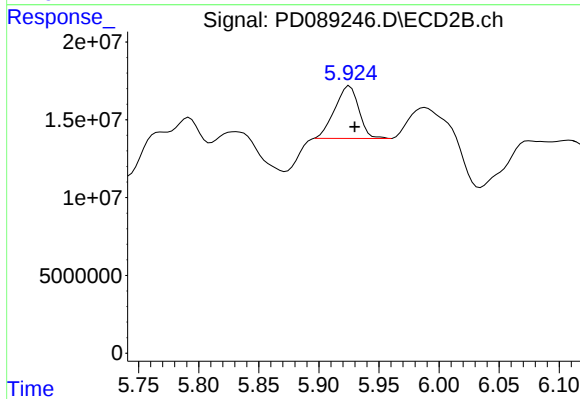
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: -0.005 min  
Response: -1054748  
Conc: N.D.



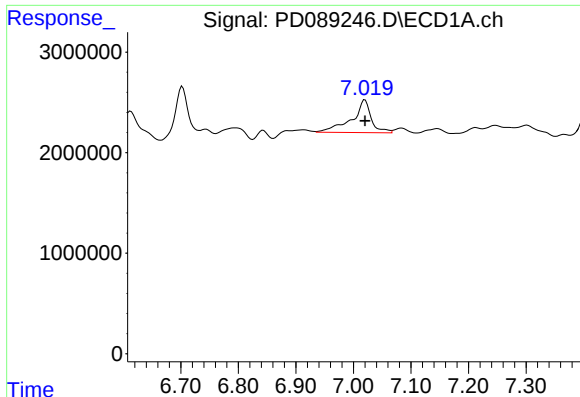
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: -0.002 min  
Response: 8374863  
Conc: 2.44 ng/ml



#16 4,4'-DDD

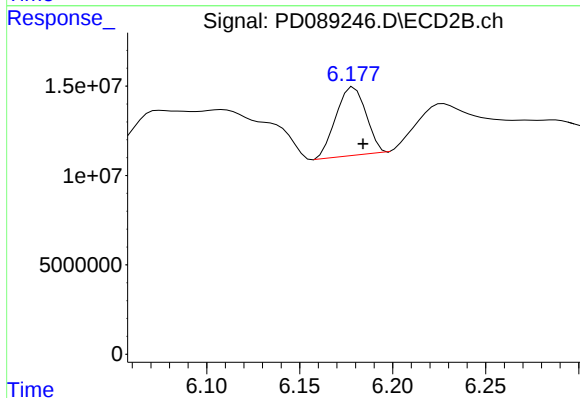
R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 46993831  
Conc: 2.46 ng/ml



#17 4,4'-DDT

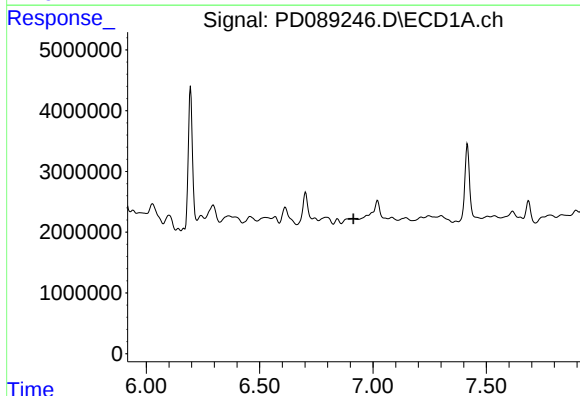
R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 7736780  
Conc: 2.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



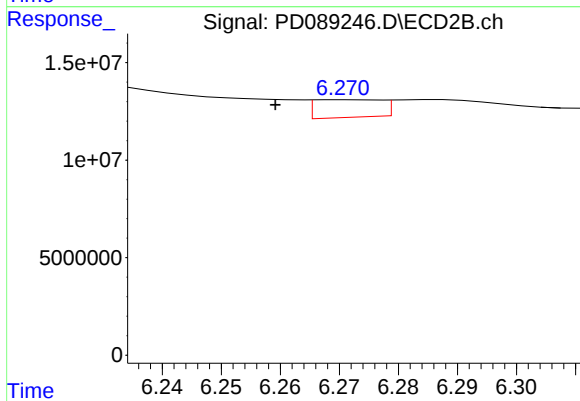
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.005 min  
Response: 42804904  
Conc: 2.11 ng/ml



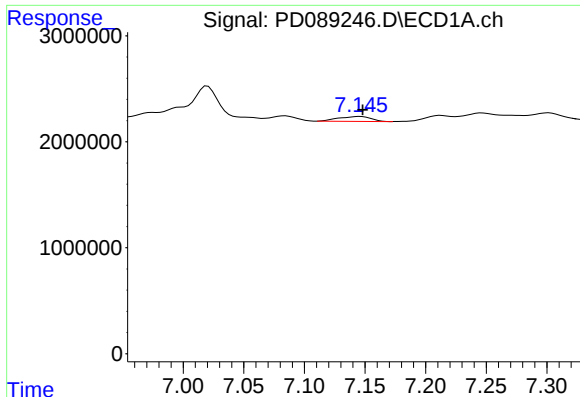
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: -0.001 min  
Response: -103744  
Conc: N.D.



#18 Endrin aldehyde

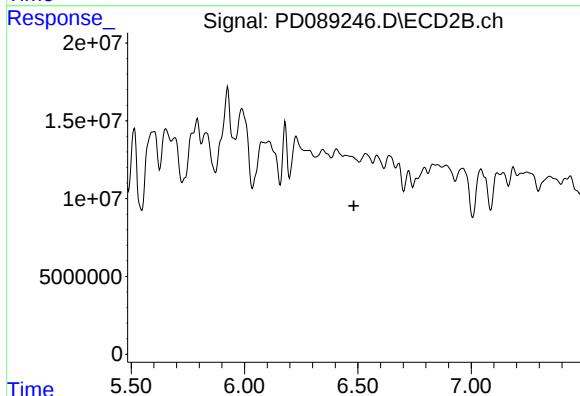
R.T.: 6.272 min  
Delta R.T.: 0.012 min  
Response: 7149376  
Conc: 0.47 ng/ml



#19 Endosulfan Sulfate

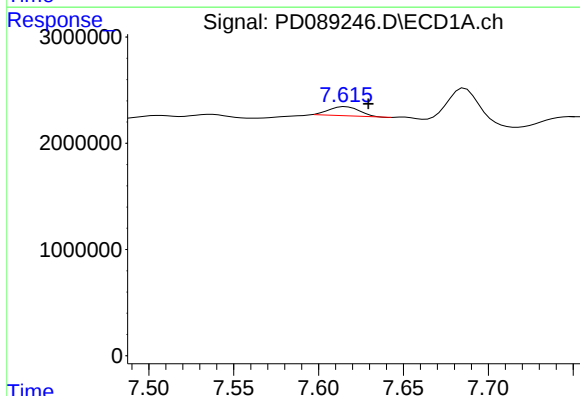
R.T.: 7.146 min  
Delta R.T.: -0.002 min  
Response: 853074  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



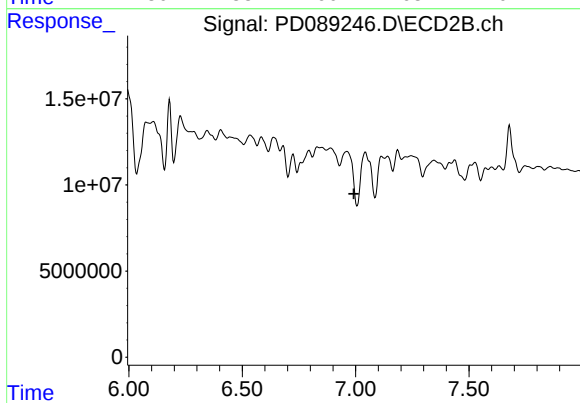
#19 Endosulfan Sulfate

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



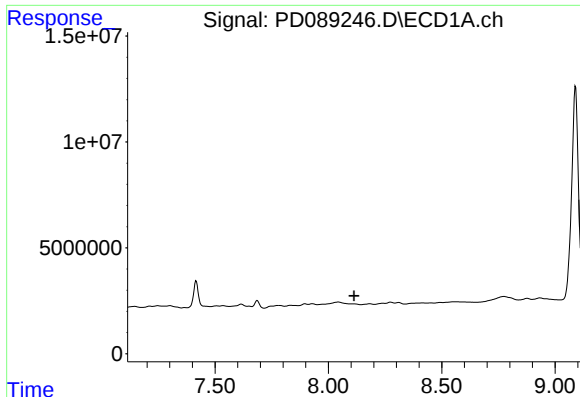
#21 Endrin ketone

R.T.: 7.616 min  
Delta R.T.: -0.013 min  
Response: 1069494  
Conc: 0.26 ng/ml



#21 Endrin ketone

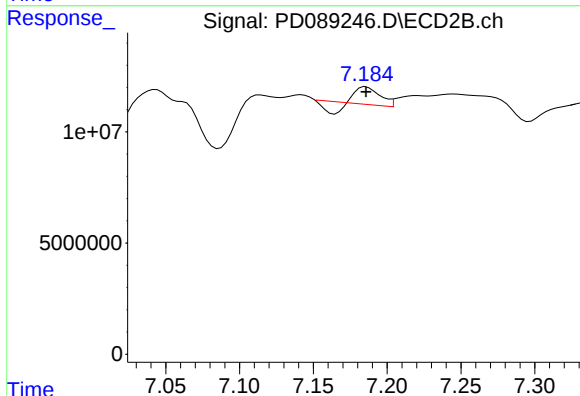
R.T.: 0.000 min  
Exp R.T. : 6.992 min  
Response: 0  
Conc: N.D.



#22 Mirex

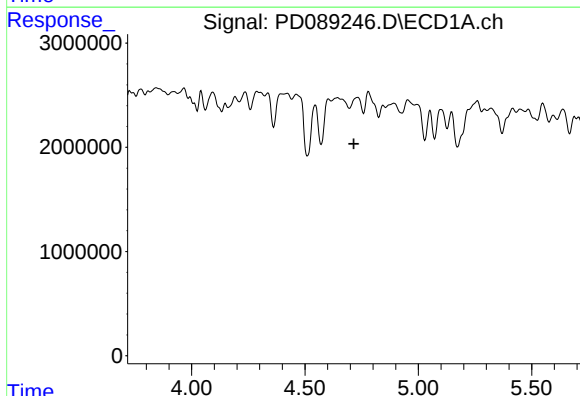
R.T.: 0.000 min  
Exp R.T.: 8.113 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



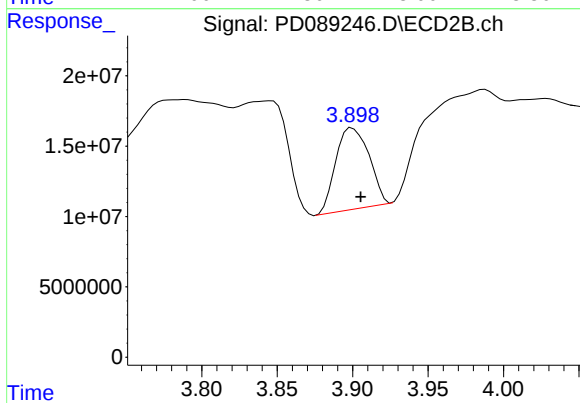
#22 Mirex

R.T.: 7.186 min  
Delta R.T.: 0.000 min  
Response: 5164675  
Conc: 0.31 ng/ml



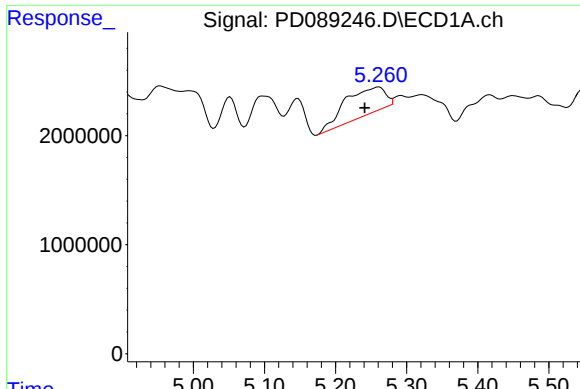
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.715 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

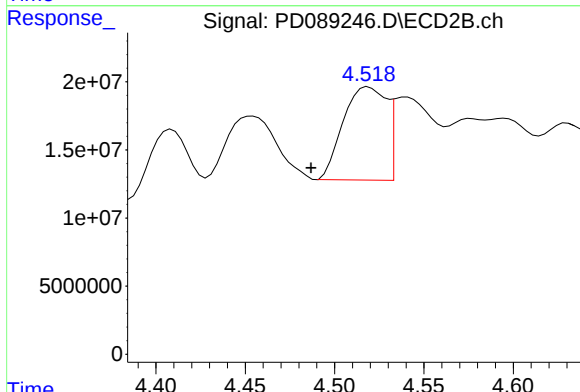
R.T.: 3.900 min  
Delta R.T.: -0.006 min  
Response: 88583906  
Conc: 95.02 ng/ml



#24 Chlordane-2

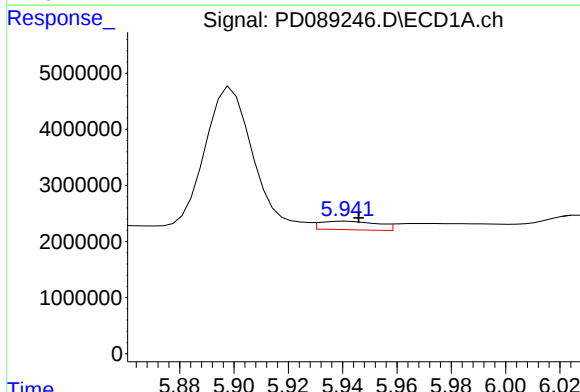
R.T.: 5.261 min  
Delta R.T.: 0.020 min  
Response: 9631242  
Conc: 44.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



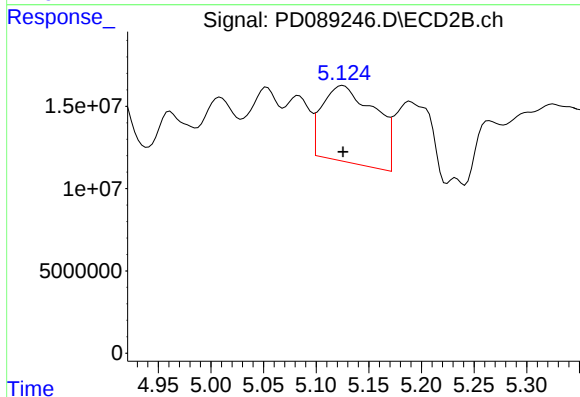
#24 Chlordane-2

R.T.: 4.519 min  
Delta R.T.: 0.032 min  
Response: 114786921  
Conc: 120.62 ng/ml



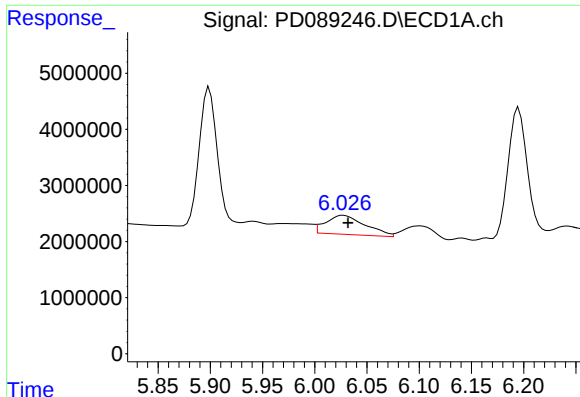
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 2256011  
Conc: 2.62 ng/ml



#25 Chlordane-3

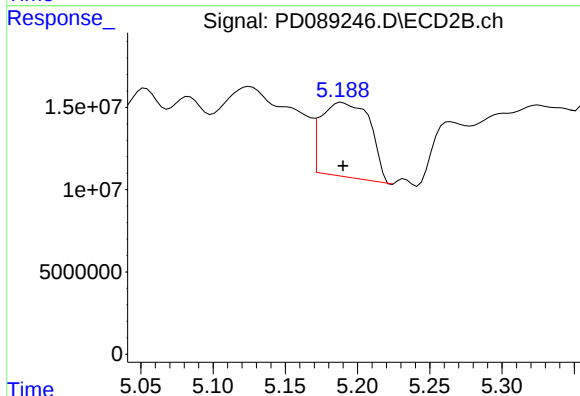
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 162963162  
Conc: 54.87 ng/ml



#26 Chlordane-4

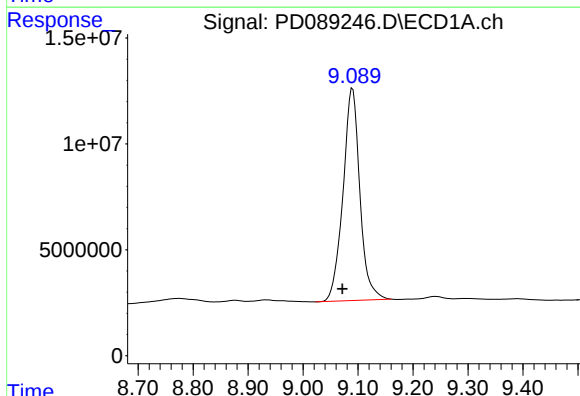
R.T.: 6.027 min  
Delta R.T.: -0.004 min  
Response: 8892503  
Conc: 8.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PL-2-062725



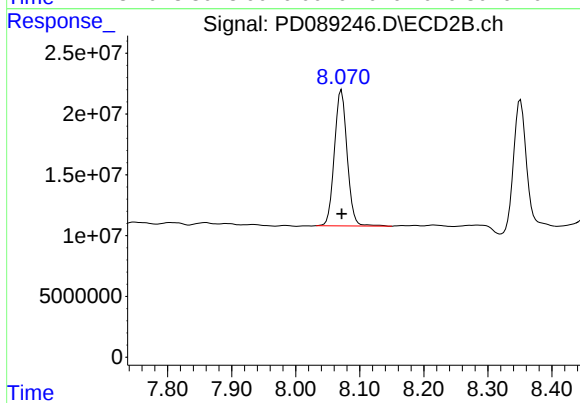
#26 Chlordane-4

R.T.: 5.189 min  
Delta R.T.: 0.000 min  
Response: 106984696  
Conc: 42.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: 0.018 min  
Response: 213476345  
Conc: 54.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: 0.000 min  
Response: 154301706  
Conc: 7.80 ng/ml