

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089943.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 23:10  
 Operator : AR\AJ  
 Sample : Q2864-03 10X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LAW-25-113-121

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 01:55:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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... | 3.549  | 2.878  | 26561894 | 406.7E6  | 10.769 | 25.678 #  |
| 2)                          | SA Decachlor... | 9.069  | 8.066  | 32280233 | 172.0E6  | 8.686  | 8.565     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.002  | 3.369f | 1574735  | 89043845 | 0.318  | 3.664 #   |
| 3)                          | MA gamma-BHC... | 4.352f | 3.729  | 11322841 | 110.6E6  | 2.383  | 4.910 #   |
| 4)                          | MA Heptachlor   | 4.925  | 4.083  | 11561579 | 1039.9E6 | 2.403  | 44.807 #  |
| 6)                          | B beta-BHC      | 4.517  | 4.013  | 3635025  | 30376978 | 1.971  | 3.148 #   |
| 7)                          | B delta-BHC     | 4.779f | 4.255  | 10276560 | 56086975 | 2.241  | 2.469     |
| 8)                          | B Heptachlo...  | 5.702  | 4.861  | 42260702 | 21182331 | 10.108 | 1.031 #   |
| 9)                          | A Endosulfan I  | 6.098f | 5.250  | 3716836  | 29830840 | 0.938  | 1.526 #   |
| 10)                         | B gamma-Chl...  | 5.933  | 5.096f | 2494099  | 37000269 | 0.597  | 1.709 #   |
| 11)                         | B alpha-Chl...  | 6.037  | 5.176  | 2589275  | 345.5E6  | 0.616  | 16.594 #  |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.343f | 189910   | 7606432  | 0.051  | 0.360 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.522  | 0        | 15663268 | N.D.   | 0.724 #   |
| 14)                         | MA Endrin       | 6.586  | 5.791  | 4169673  | 73904961 | 1.165  | 3.709 #   |
| 15)                         | B Endosulfa...  | 6.786  | 6.058f | 861598   | 39620577 | 0.235  | 2.108 #   |
| 16)                         | A 4,4'-DDD      | 6.689  | 5.941f | 1003821  | 1626323  | 0.335  | 0.092 #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.177  | 0        | 61440685 | N.D.   | 3.344 #   |
| 18)                         | B Endrin al...  | 6.922  | 6.241  | 1652229  | 24702815 | 0.662  | 1.912 #   |
| 19)                         | B Endosulfa...  | 7.126f | 0.000  | 1067382  | 0        | 0.308  | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.734f | 0        | 8839031  | N.D.   | 0.902 #   |
| 22)                         | Mirex           | 8.109  | 7.190  | 1302546  | 2919664  | 0.467  | 0.192 #   |
| 23)                         | Chlordane-1     | 4.721  | 3.908  | 1441297  | 44194678 | 8.653  | 60.425 #  |
| 24)                         | Chlordane-2     | 5.248  | 4.462f | 1807933  | 13610048 | 10.640 | 17.806 #  |
| 25)                         | Chlordane-3     | 5.933  | 5.096f | 2494099  | 37000269 | 3.637  | 15.988 #  |
| 26)                         | Chlordane-4     | 6.037  | 5.176  | 2589275  | 345.5E6  | 3.093  | 173.668 # |
| 27)                         | Chlordane-5     | 6.893f | 6.058f | 2248271  | 39620577 | 15.585 | 43.793 #  |
| -----                       |                 |        |        |          |          |        |           |

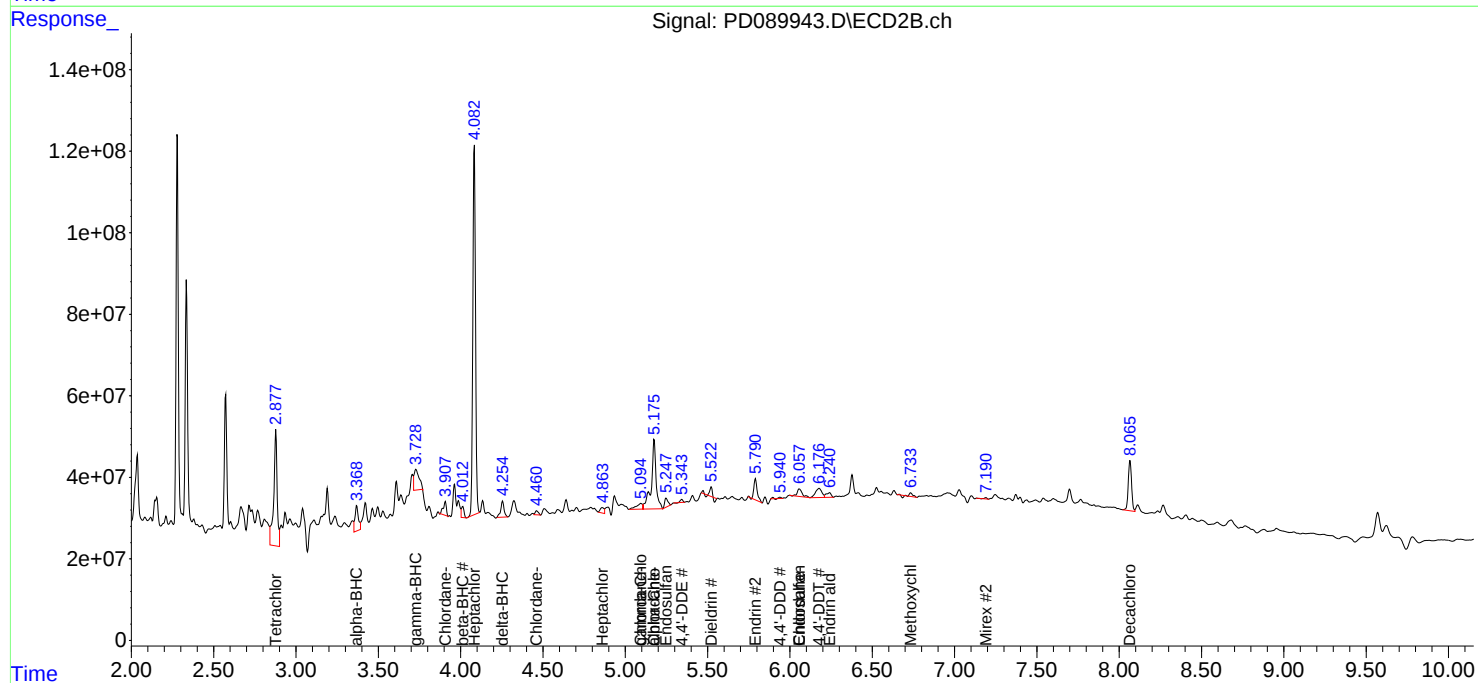
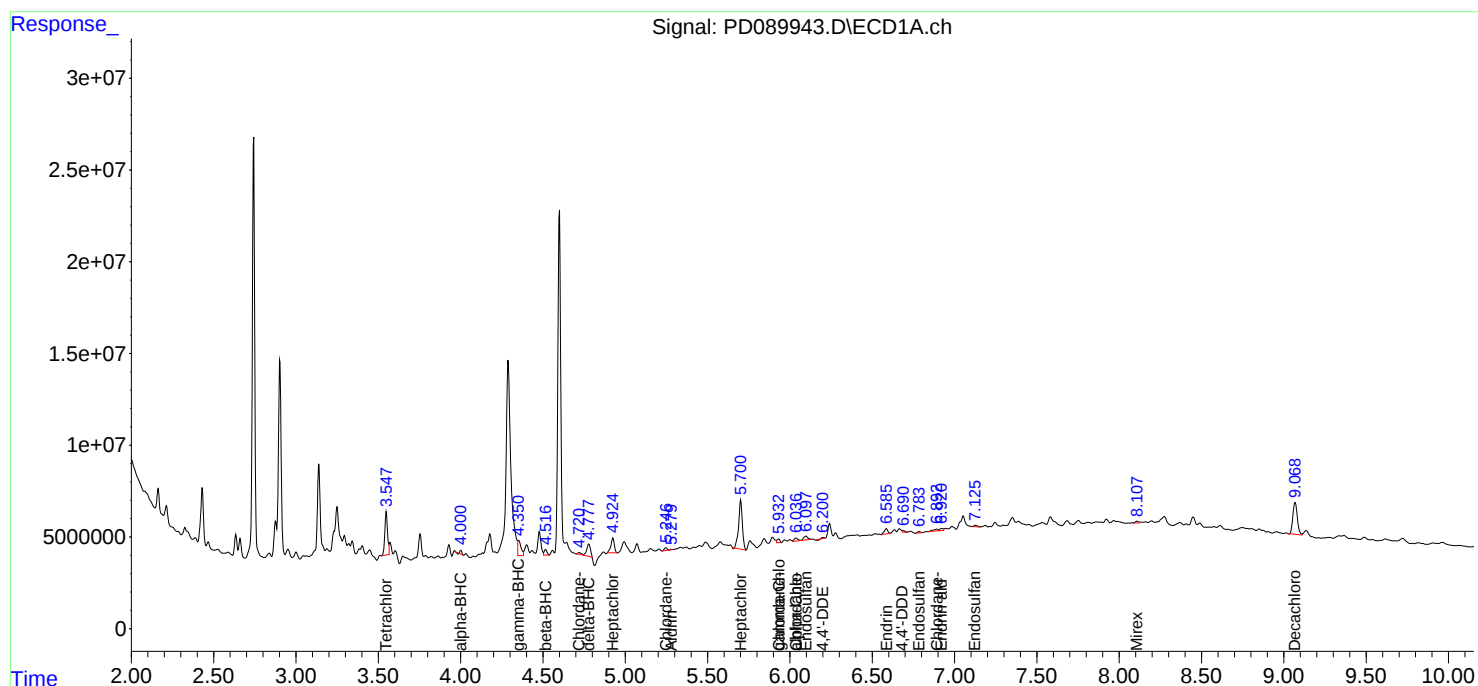
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

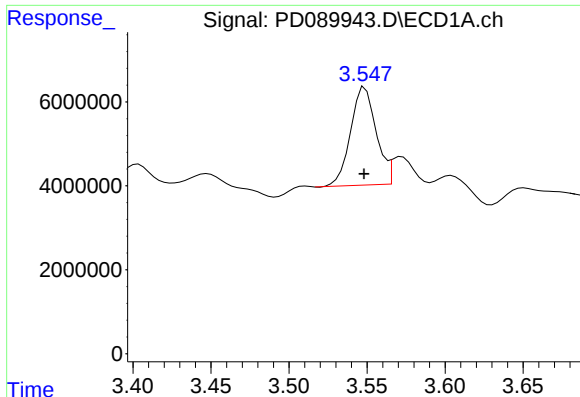
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
Data File : PD089943.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2025 23:10  
Operator : AR\AJ  
Sample : Q2864-03 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 01:55:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 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

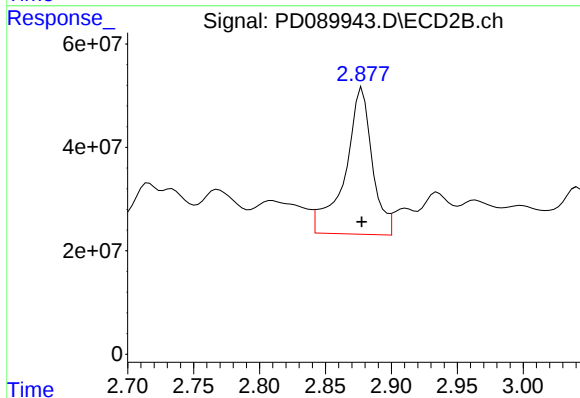




#1 Tetrachloro-m-xylene

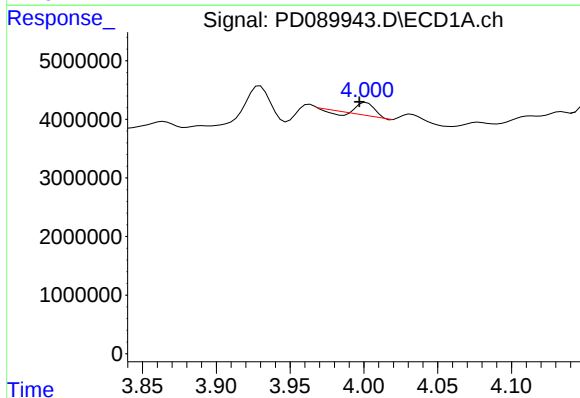
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 26561894  
Conc: 10.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



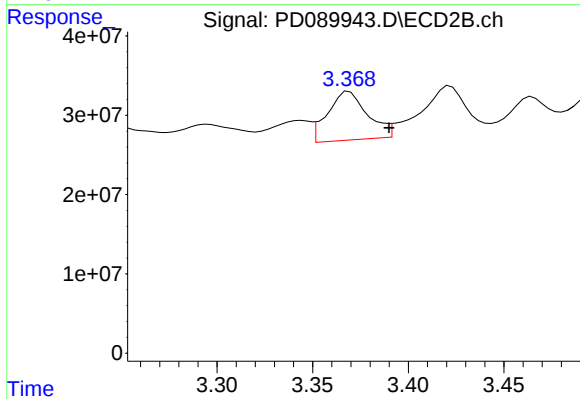
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 406678321  
Conc: 25.68 ng/ml



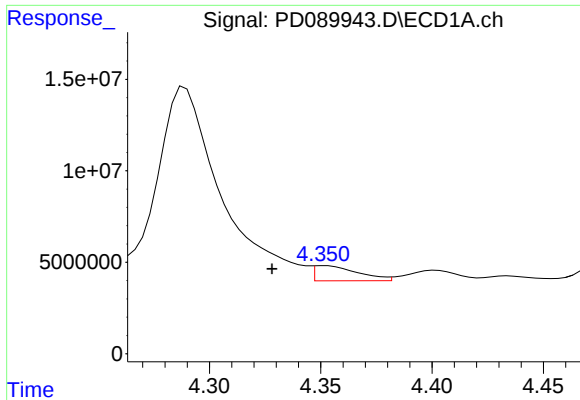
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.005 min  
Response: 1574735  
Conc: 0.32 ng/ml



#2 alpha-BHC

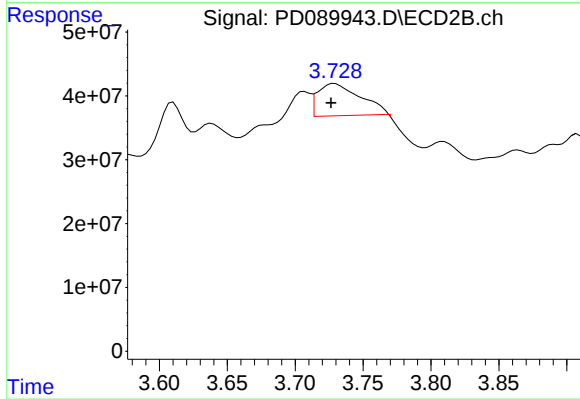
R.T.: 3.369 min  
Delta R.T.: -0.021 min  
Response: 89043845  
Conc: 3.66 ng/ml



#3 gamma-BHC (Lindane)

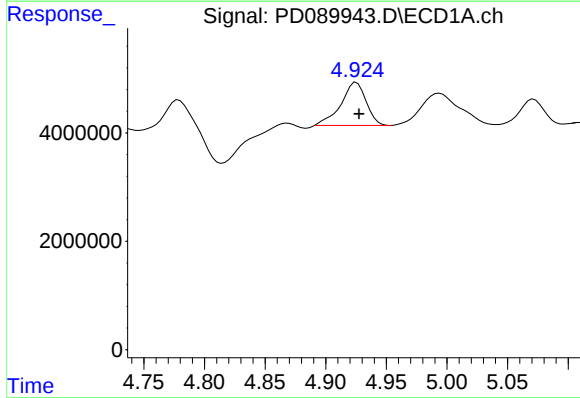
R.T.: 4.352 min  
Delta R.T.: 0.024 min  
Response: 11322841  
Conc: 2.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



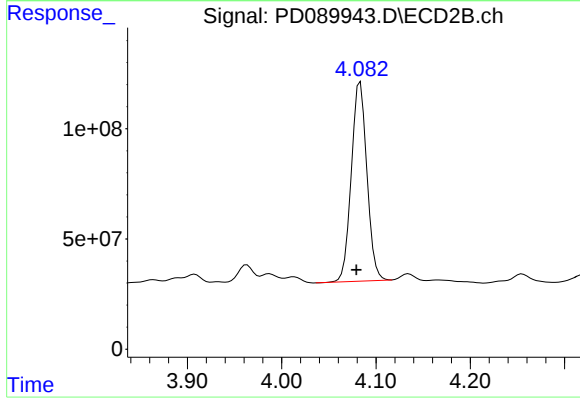
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: 0.003 min  
Response: 110589147  
Conc: 4.91 ng/ml



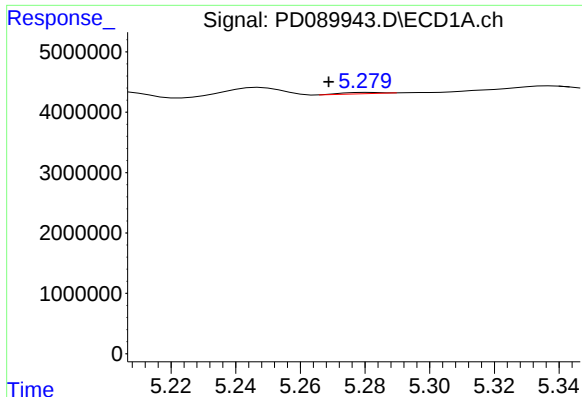
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.002 min  
Response: 11561579  
Conc: 2.40 ng/ml



#4 Heptachlor

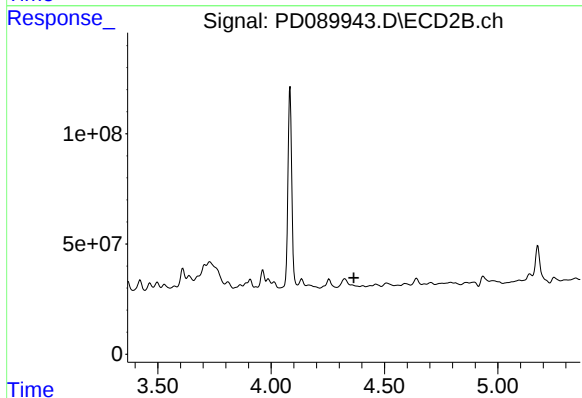
R.T.: 4.083 min  
Delta R.T.: 0.004 min  
Response: 1039924936  
Conc: 44.81 ng/ml



#5 Aldrin

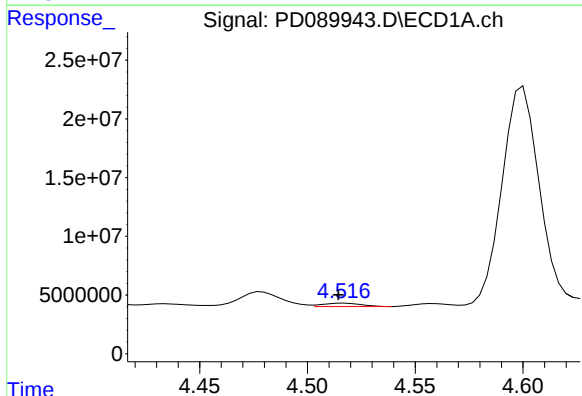
R.T.: 5.281 min  
Delta R.T.: 0.012 min  
Response: 170941  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



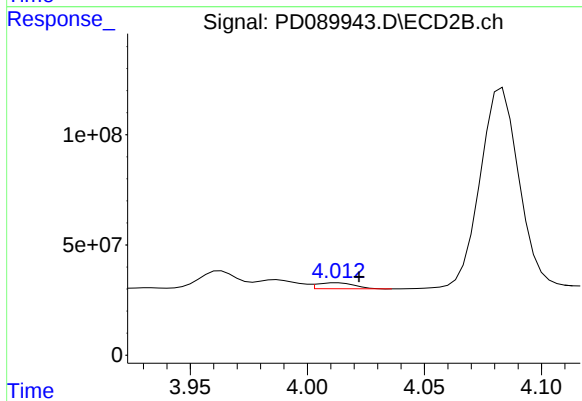
#5 Aldrin

R.T.: 4.357 min  
Delta R.T.: -0.008 min  
Response: -6228400  
Conc: N.D.



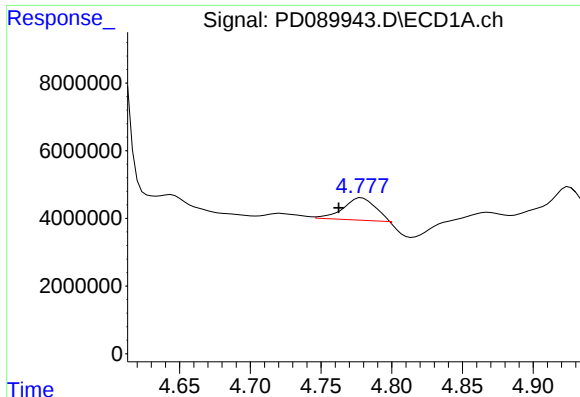
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: 0.003 min  
Response: 3635025  
Conc: 1.97 ng/ml



#6 beta-BHC

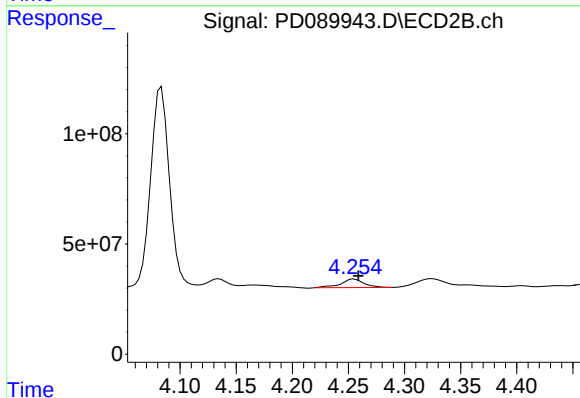
R.T.: 4.013 min  
Delta R.T.: -0.009 min  
Response: 30376978  
Conc: 3.15 ng/ml



#7 delta-BHC

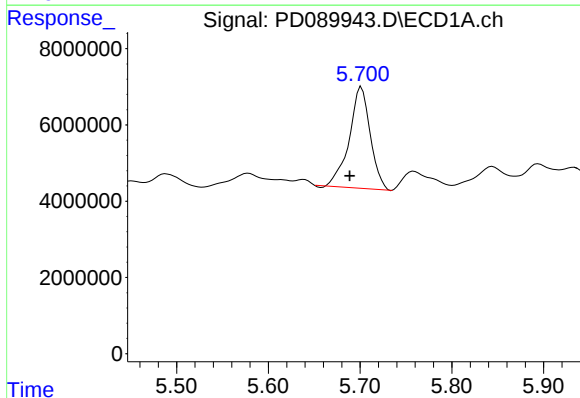
R.T.: 4.779 min  
Delta R.T.: 0.016 min  
Response: 10276560  
Conc: 2.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



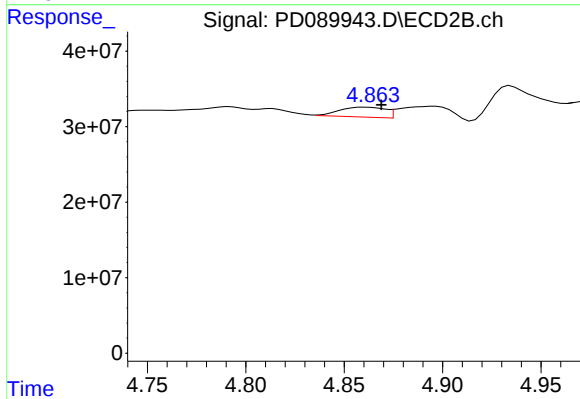
#7 delta-BHC

R.T.: 4.255 min  
Delta R.T.: -0.004 min  
Response: 56086975  
Conc: 2.47 ng/ml



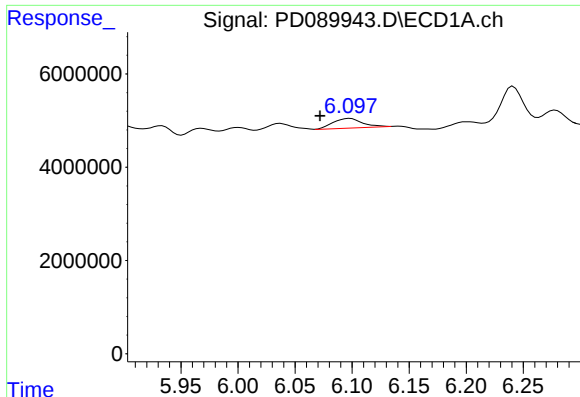
#8 Heptachlor epoxide

R.T.: 5.702 min  
Delta R.T.: 0.013 min  
Response: 42260702  
Conc: 10.11 ng/ml



#8 Heptachlor epoxide

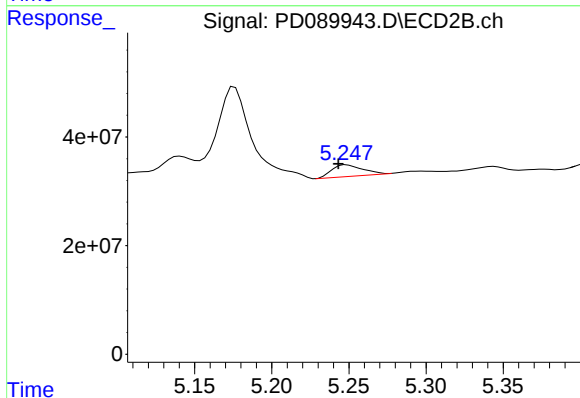
R.T.: 4.861 min  
Delta R.T.: -0.007 min  
Response: 21182331  
Conc: 1.03 ng/ml



#9 Endosulfan I

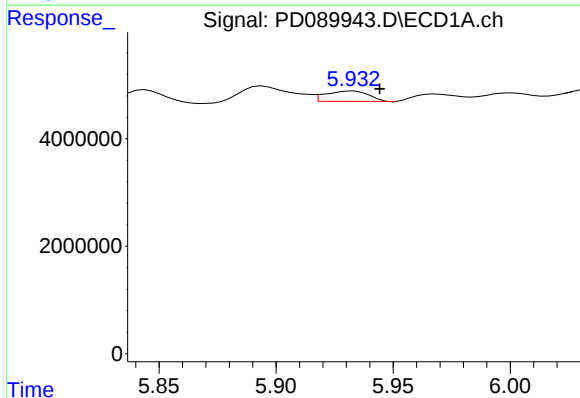
R.T.: 6.098 min  
Delta R.T.: 0.026 min  
Response: 3716836  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



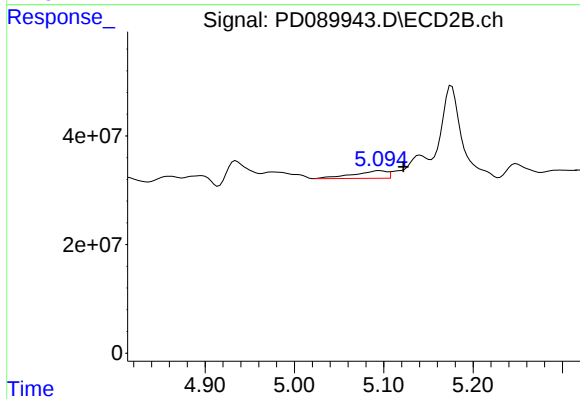
#9 Endosulfan I

R.T.: 5.250 min  
Delta R.T.: 0.006 min  
Response: 29830840  
Conc: 1.53 ng/ml



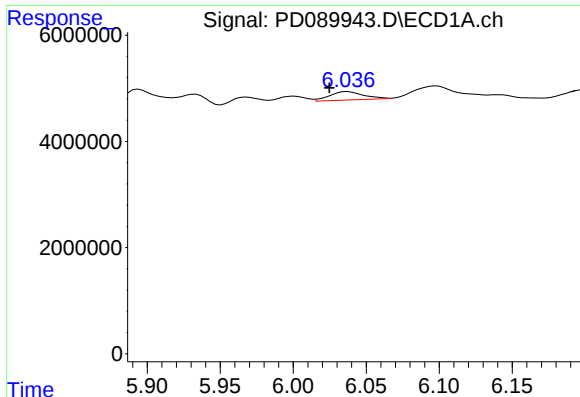
#10 gamma-Chlordane

R.T.: 5.933 min  
Delta R.T.: -0.011 min  
Response: 2494099  
Conc: 0.60 ng/ml



#10 gamma-Chlordane

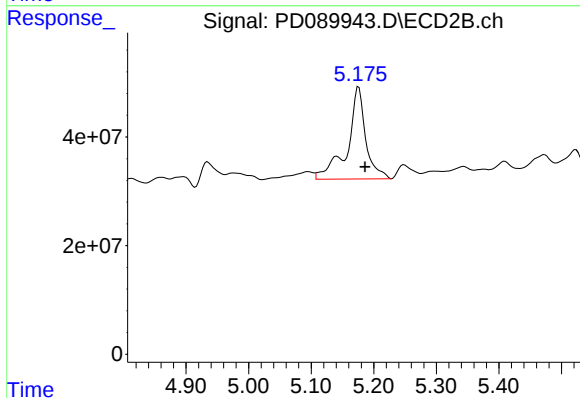
R.T.: 5.096 min  
Delta R.T.: -0.026 min  
Response: 37000269  
Conc: 1.71 ng/ml



#11 alpha-Chlordane

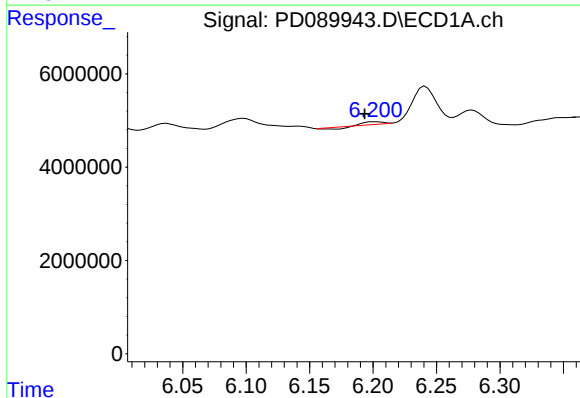
R.T.: 6.037 min  
Delta R.T.: 0.013 min  
Response: 2589275  
Conc: 0.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



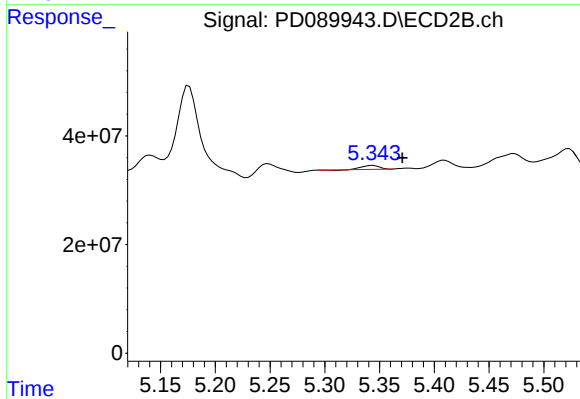
#11 alpha-Chlordane

R.T.: 5.176 min  
Delta R.T.: -0.010 min  
Response: 345518450  
Conc: 16.59 ng/ml



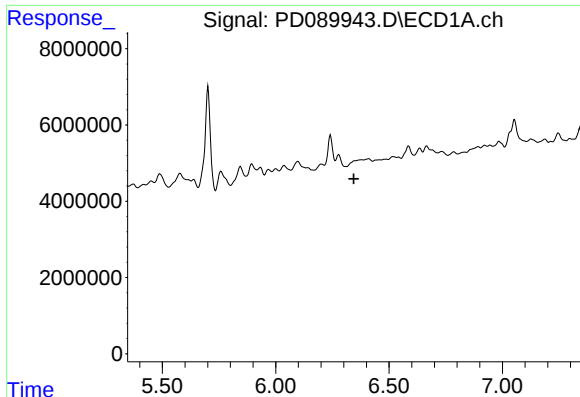
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.008 min  
Response: 189910  
Conc: 0.05 ng/ml



#12 4,4'-DDE

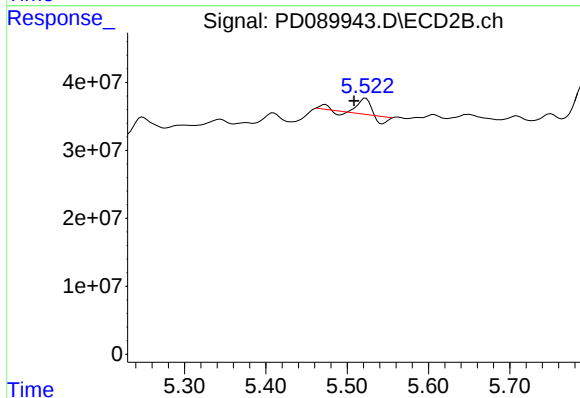
R.T.: 5.343 min  
Delta R.T.: -0.028 min  
Response: 7606432  
Conc: 0.36 ng/ml



#13 Dieldrin

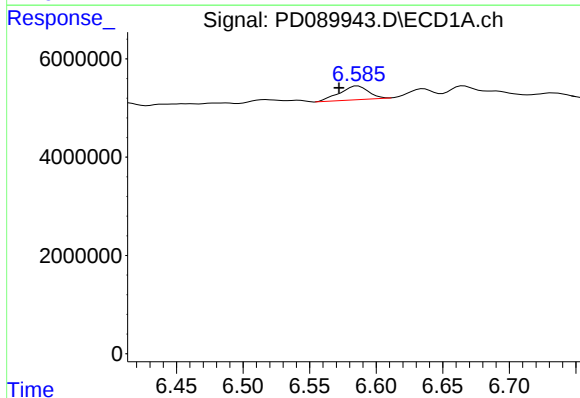
R.T.: 0.000 min  
Exp R.T.: 6.345 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



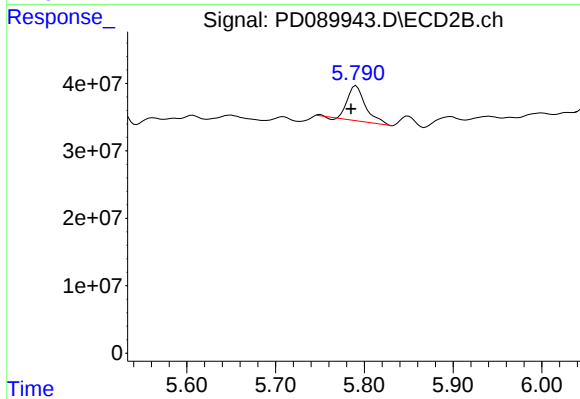
#13 Dieldrin

R.T.: 5.522 min  
Delta R.T.: 0.013 min  
Response: 15663268  
Conc: 0.72 ng/ml



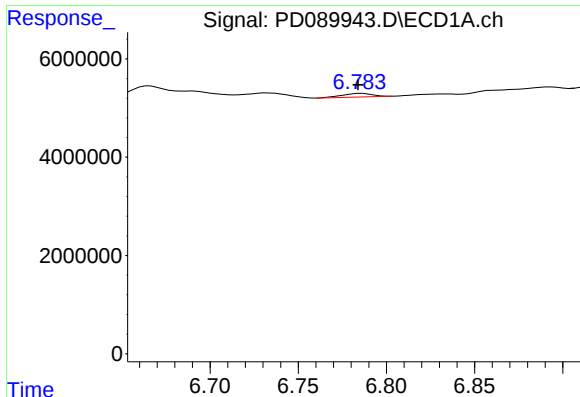
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.014 min  
Response: 4169673  
Conc: 1.17 ng/ml



#14 Endrin

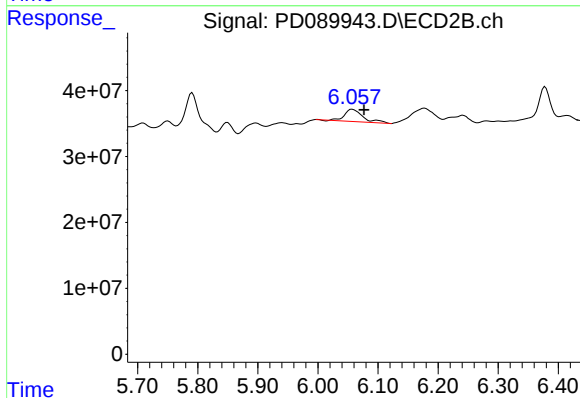
R.T.: 5.791 min  
Delta R.T.: 0.006 min  
Response: 73904961  
Conc: 3.71 ng/ml



#15 Endosulfan II

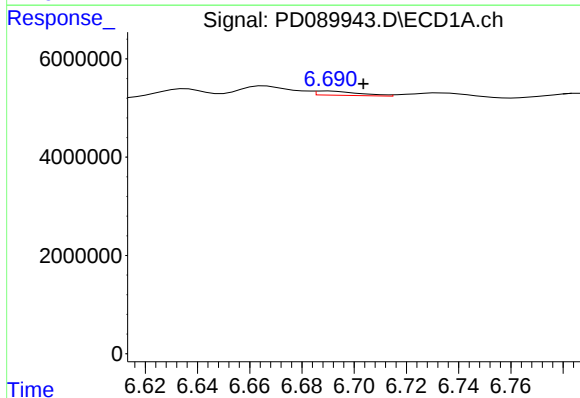
R.T.: 6.786 min  
Delta R.T.: 0.002 min  
Response: 861598  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



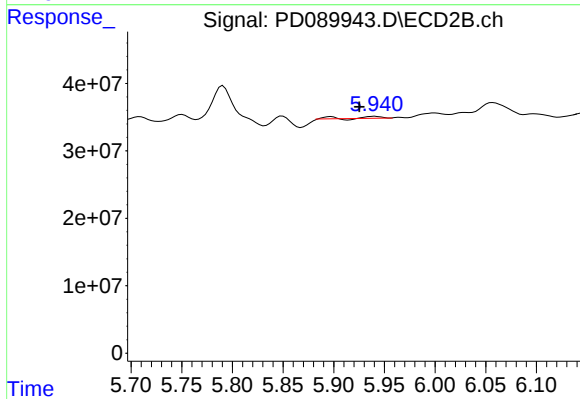
#15 Endosulfan II

R.T.: 6.058 min  
Delta R.T.: -0.019 min  
Response: 39620577  
Conc: 2.11 ng/ml



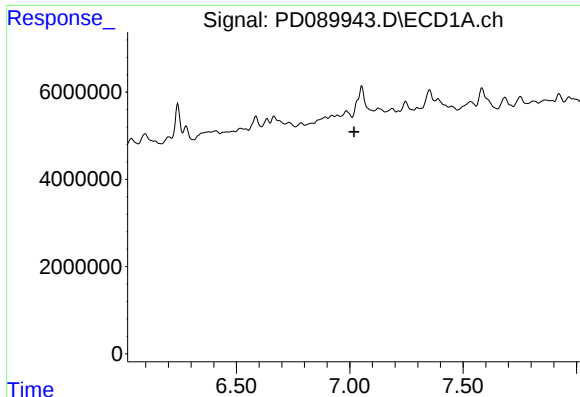
#16 4,4'-DDD

R.T.: 6.689 min  
Delta R.T.: -0.015 min  
Response: 1003821  
Conc: 0.34 ng/ml



#16 4,4'-DDD

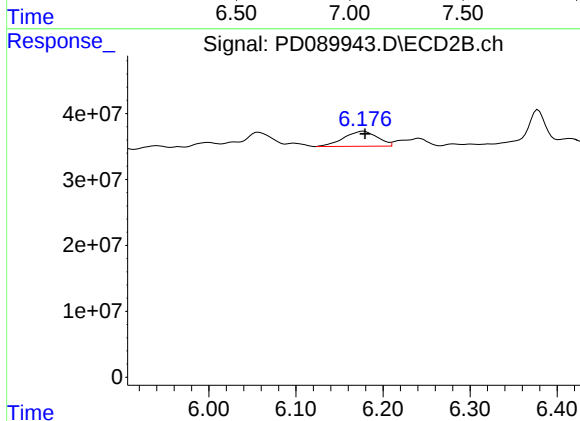
R.T.: 5.941 min  
Delta R.T.: 0.015 min  
Response: 1626323  
Conc: 0.09 ng/ml



#17 4,4'-DDT

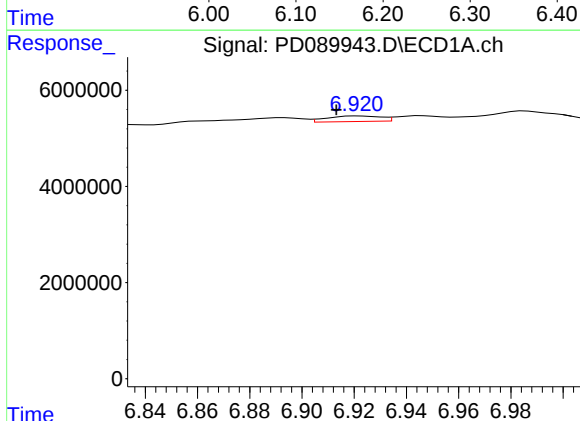
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



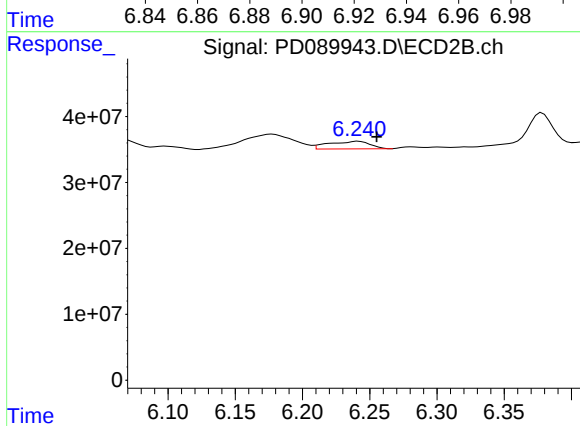
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 61440685  
Conc: 3.34 ng/ml



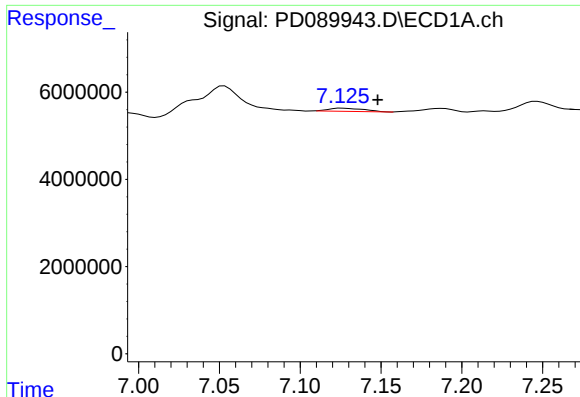
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: 0.009 min  
Response: 1652229  
Conc: 0.66 ng/ml



#18 Endrin aldehyde

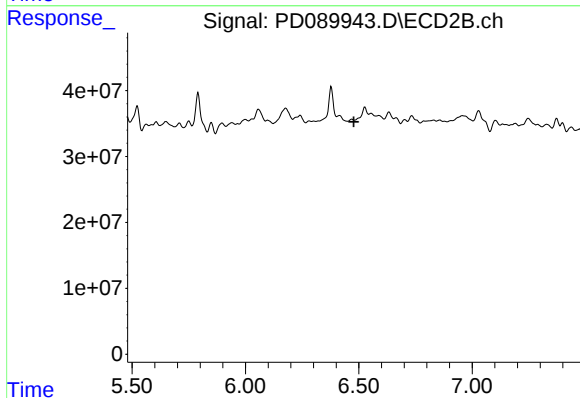
R.T.: 6.241 min  
Delta R.T.: -0.014 min  
Response: 24702815  
Conc: 1.91 ng/ml



#19 Endosulfan Sulfate

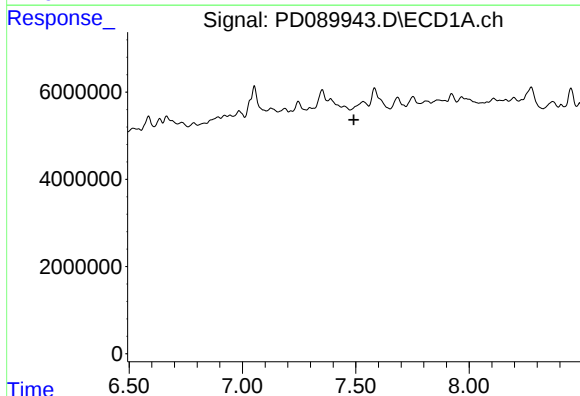
R.T.: 7.126 min  
Delta R.T.: -0.022 min  
Response: 1067382  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



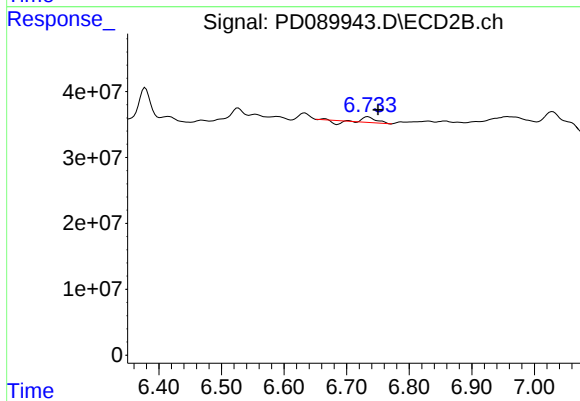
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.478 min  
Response: 0  
Conc: N.D.



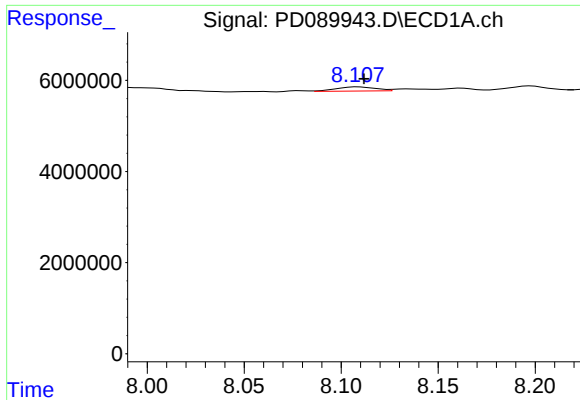
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.492 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

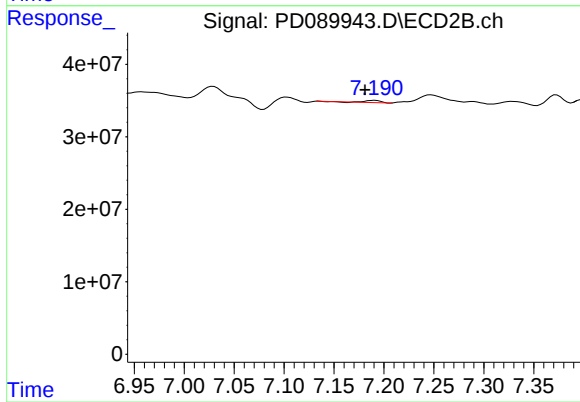
R.T.: 6.734 min  
Delta R.T.: -0.016 min  
Response: 8839031  
Conc: 0.90 ng/ml



#22 Mirex

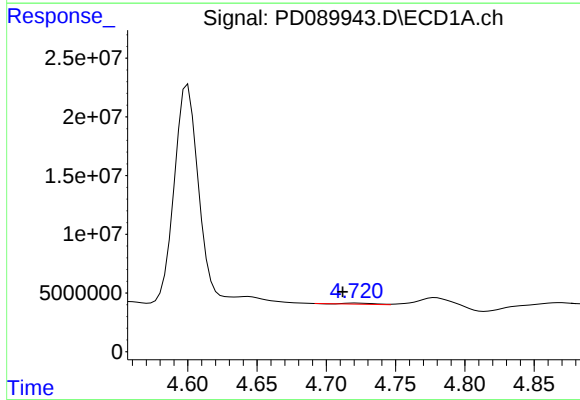
R.T.: 8.109 min  
Delta R.T.: -0.003 min  
Response: 1302546  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



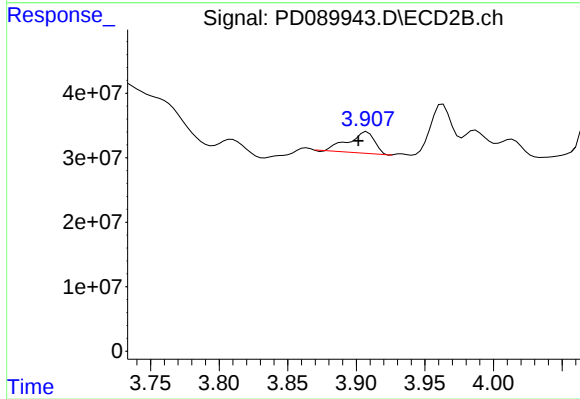
#22 Mirex

R.T.: 7.190 min  
Delta R.T.: 0.009 min  
Response: 2919664  
Conc: 0.19 ng/ml



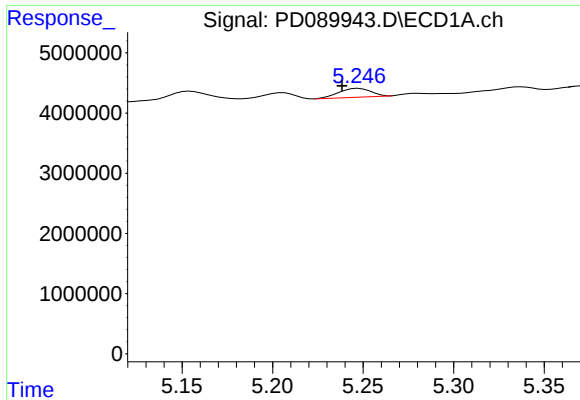
#23 Chlordane-1

R.T.: 4.721 min  
Delta R.T.: 0.009 min  
Response: 1441297  
Conc: 8.65 ng/ml



#23 Chlordane-1

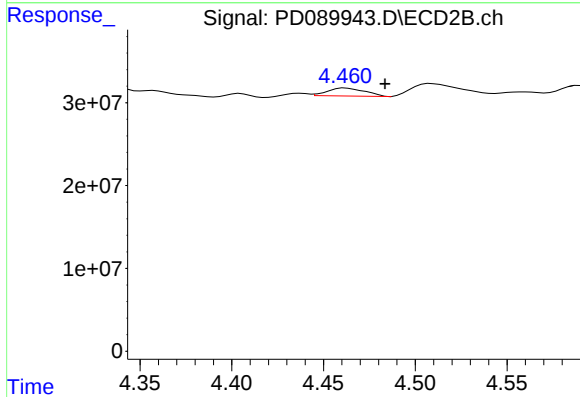
R.T.: 3.908 min  
Delta R.T.: 0.006 min  
Response: 44194678  
Conc: 60.42 ng/ml



#24 Chlordane-2

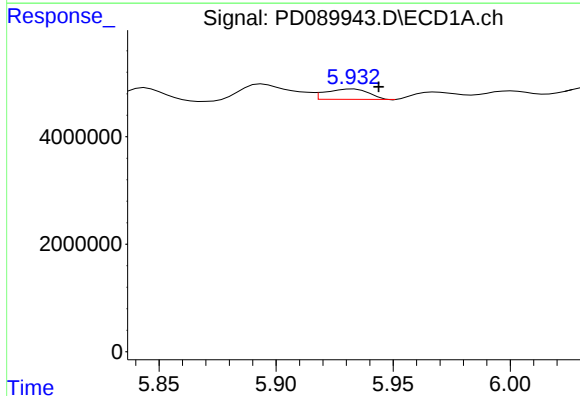
R.T.: 5.248 min  
Delta R.T.: 0.009 min  
Response: 1807933  
Conc: 10.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



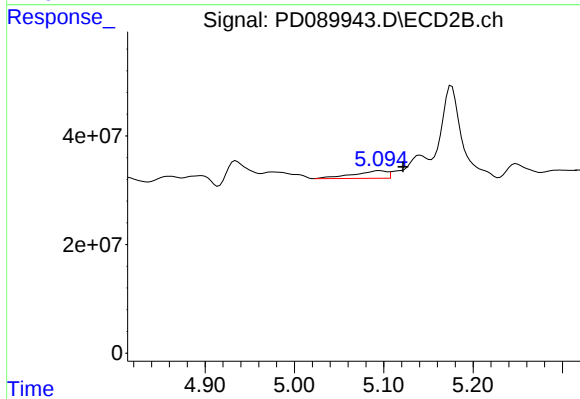
#24 Chlordane-2

R.T.: 4.462 min  
Delta R.T.: -0.021 min  
Response: 13610048  
Conc: 17.81 ng/ml



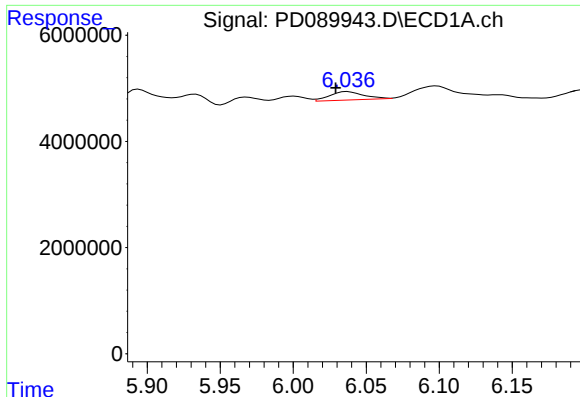
#25 Chlordane-3

R.T.: 5.933 min  
Delta R.T.: -0.011 min  
Response: 2494099  
Conc: 3.64 ng/ml



#25 Chlordane-3

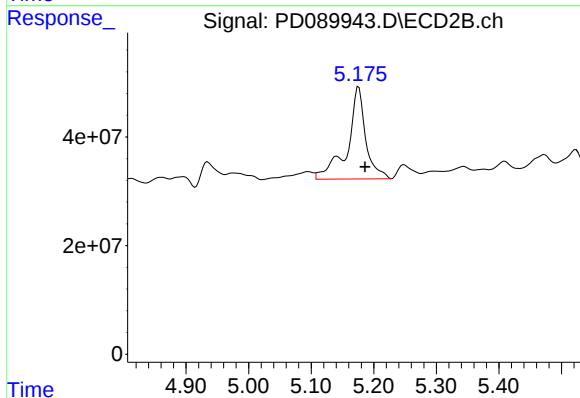
R.T.: 5.096 min  
Delta R.T.: -0.026 min  
Response: 37000269  
Conc: 15.99 ng/ml



#26 Chlordane-4

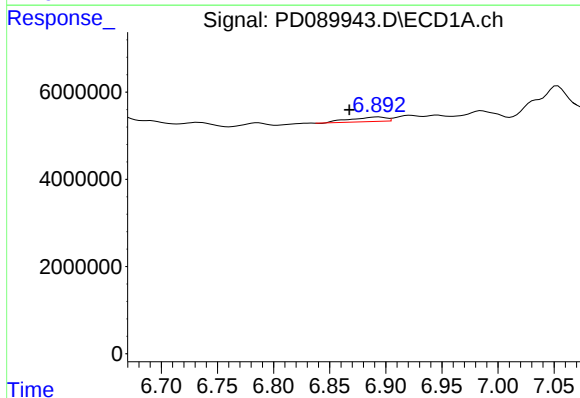
R.T.: 6.037 min  
Delta R.T.: 0.008 min  
Response: 2589275  
Conc: 3.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



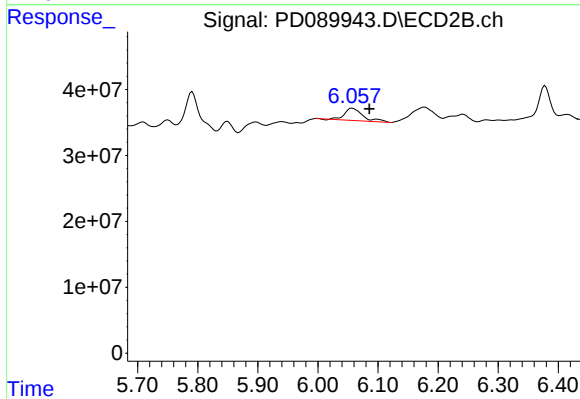
#26 Chlordane-4

R.T.: 5.176 min  
Delta R.T.: -0.010 min  
Response: 345518450  
Conc: 173.67 ng/ml



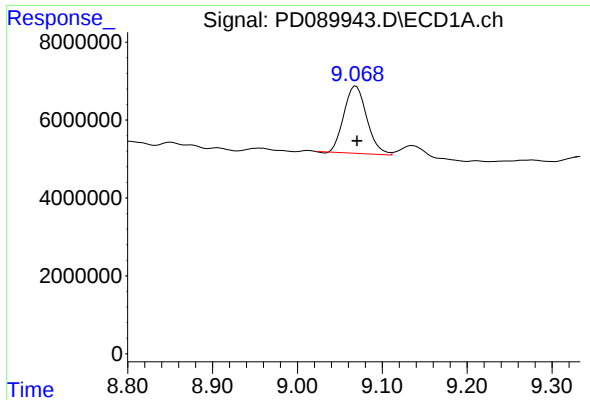
#27 Chlordane-5

R.T.: 6.893 min  
Delta R.T.: 0.025 min  
Response: 2248271  
Conc: 15.58 ng/ml



#27 Chlordane-5

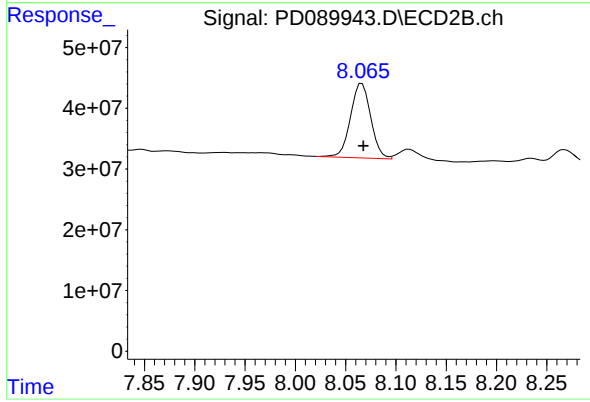
R.T.: 6.058 min  
Delta R.T.: -0.028 min  
Response: 39620577  
Conc: 43.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.002 min  
Response: 32280233  
Conc: 8.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LAW-25-113-121



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: -0.002 min  
Response: 171969479  
Conc: 8.57 ng/ml