

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061125\  
 Data File : PD088902.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2025 08:20  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 07:37:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 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... | 3.548  | 2.879  | 50842239 | 328.0E6  | 23.497 | 21.680    |
| 28)                         | SA Decachlor... | 9.074  | 8.072  | 76855859 | 397.1E6  | 22.457 | 21.753    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.380  | 0        | 868610   | N.D.   | 0.036 #   |
| 3)                          | MA gamma-BHC... | 4.339  | 3.729  | 476033   | 358430   | 0.103  | 0.016 #   |
| 4)                          | MA Heptachlor   | 4.948f | 0.000  | 482469   | 0        | 0.108  | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 4.364  | 0        | 260811   | N.D.   | 0.012 #   |
| 6)                          | B beta-BHC      | 0.000  | 4.048f | 0        | 3265920  | N.D.   | 0.335 #   |
| 7)                          | B delta-BHC     | 4.778  | 4.253  | 2785498  | 973023   | 0.659  | 0.044 #   |
| 8)                          | B Heptachlo...  | 5.681  | 4.879  | 3920511  | 2153413  | 0.988  | 0.108 #   |
| 9)                          | A Endosulfan I  | 6.103f | 0.000  | 979174   | 0        | 0.260  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.925f | 5.129  | 805825   | 39128645 | 0.202  | 1.834 #   |
| 11)                         | B alpha-Chl...  | 6.000f | 5.173f | 1663224  | 70885449 | 0.415  | 3.437 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.376  | 0        | 55056697 | N.D.   | 2.634 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.516  | 0        | 1522367  | N.D.   | 0.072 #   |
| 14)                         | MA Endrin       | 0.000  | 5.794  | 0        | 31100214 | N.D.   | 1.613 #   |
| 15)                         | B Endosulfa...  | 6.784  | 6.097  | 1587419  | 3033290  | 0.461  | 0.166 #   |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.935  | 4253402  | 397659   | 1.527  | 0.023 #   |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.179  | 257322   | 4250605  | 0.082  | 0.234 #   |
| 18)                         | B Endrin al...  | 6.917  | 6.260  | 1020433  | 4433813  | 0.396  | 0.318     |
| 19)                         | B Endosulfa...  | 7.159  | 0.000  | 38847    | 0        | 0.012  | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.756  | 0        | 1587567  | N.D.   | 0.166 #   |
| 22)                         | Mirex           | 8.116  | 7.171f | 467583   | 1345320  | 0.180  | 0.088 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.890  | 0        | 854021   | N.D.   | 1.034 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.500  | 0        | 138.4E6  | N.D.   | 164.027 # |
| 25)                         | Chlordane-3     | 5.925f | 5.129  | 805825   | 39128645 | 1.089  | 14.839 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.173  | 0        | 70885449 | N.D.   | 32.039 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.097  | 0        | 3033290  | N.D.   | 3.031 #   |
| -----                       |                 |        |        |          |          |        |           |

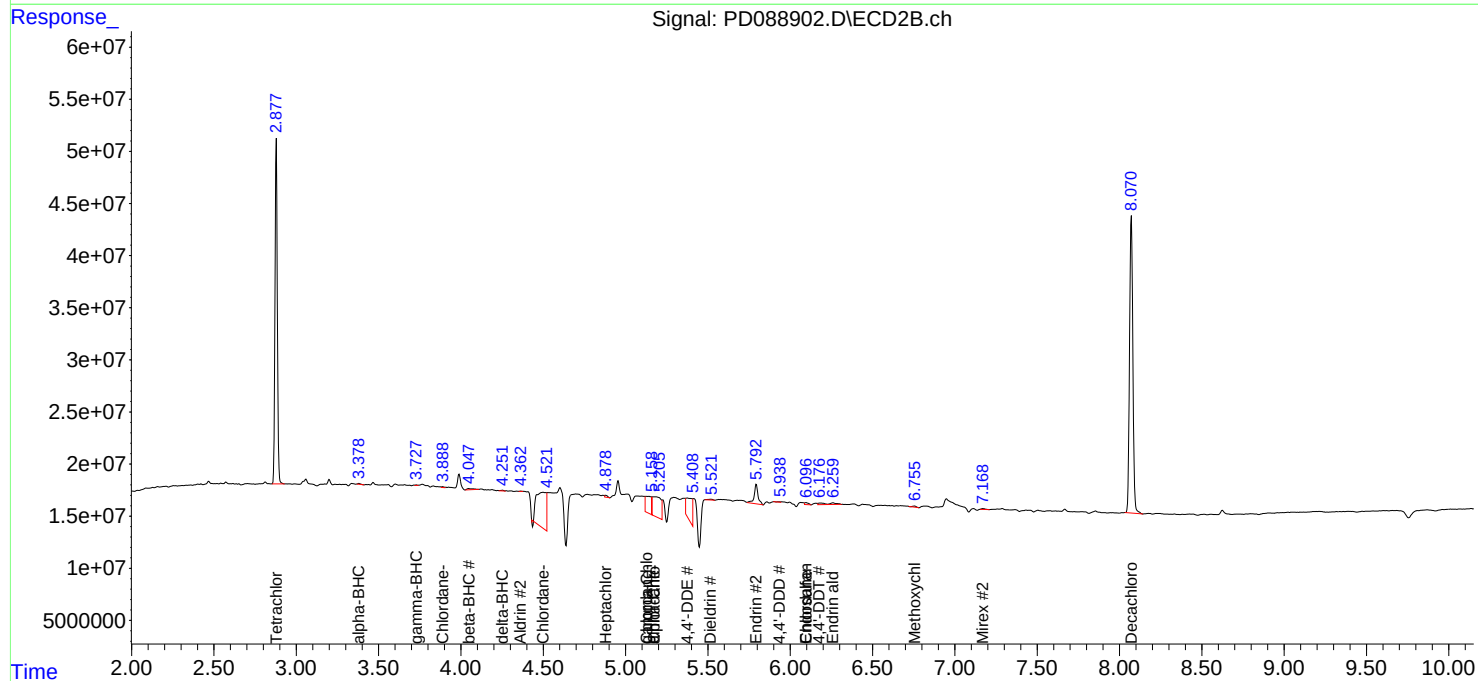
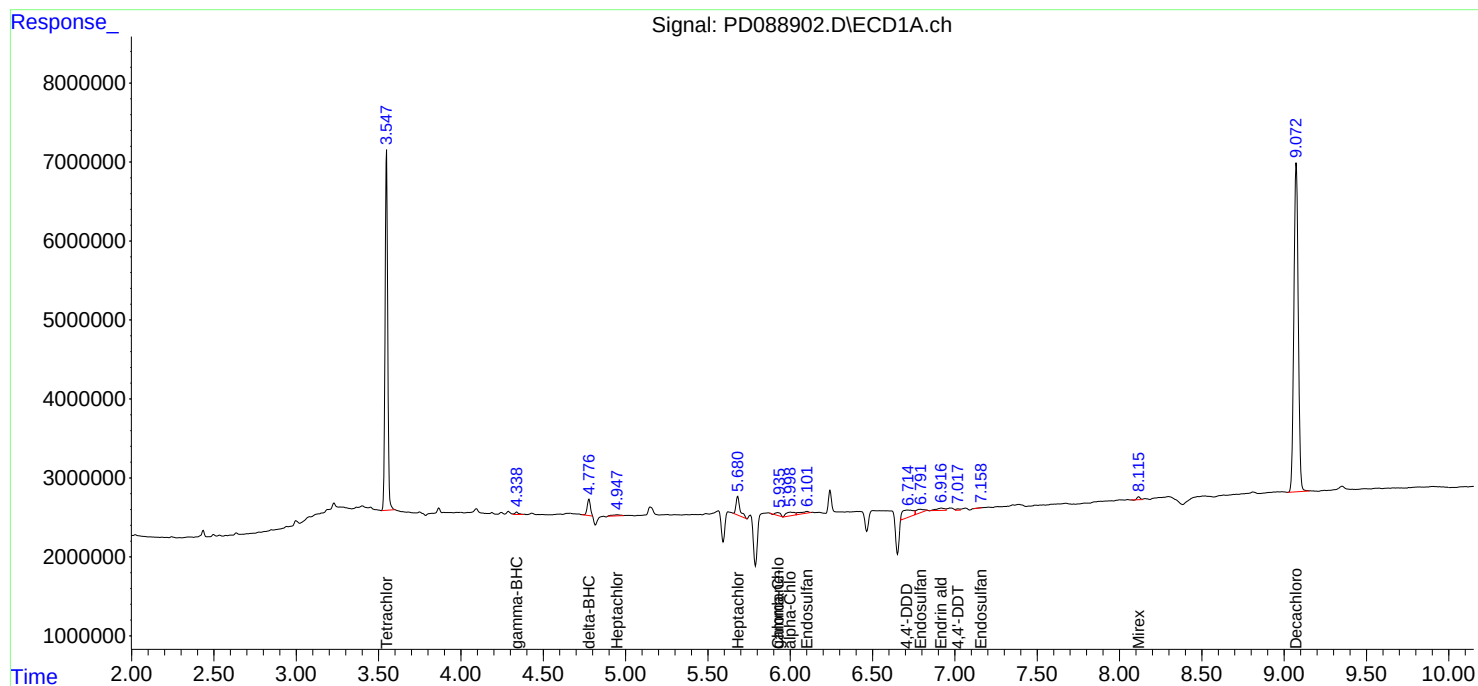
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

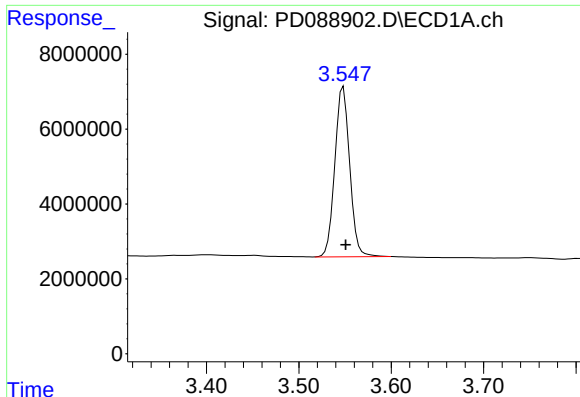
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061125\  
Data File : PD088902.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jun 2025 08:20  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 07:37:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
Quant Title : GC Extractables  
QLast Update : Mon May 19 15:27:28 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

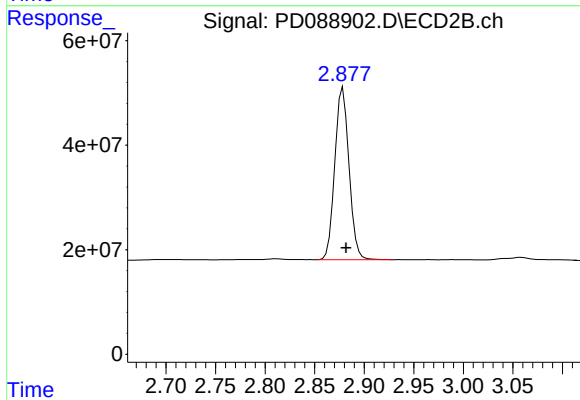




#1 Tetrachloro-m-xylene

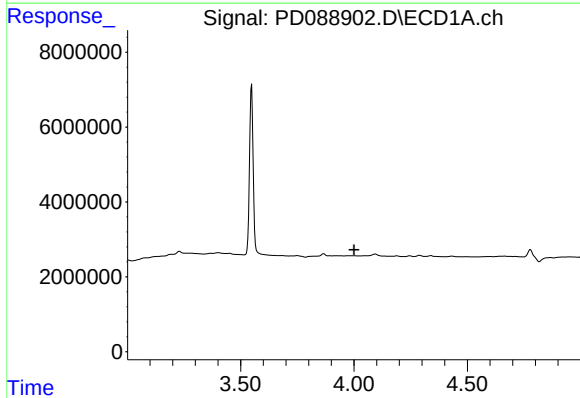
R.T.: 3.548 min  
Delta R.T.: -0.003 min  
Response: 50842239  
Conc: 23.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



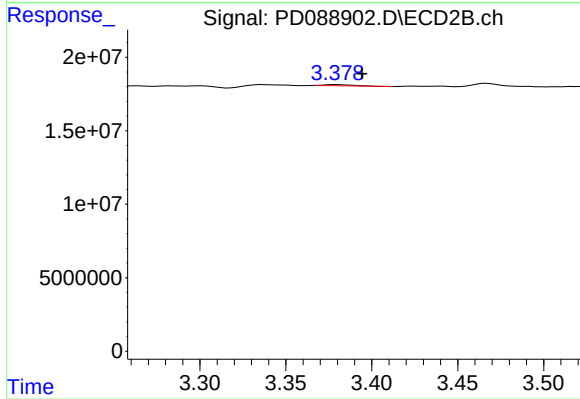
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.003 min  
Response: 327950959  
Conc: 21.68 ng/ml



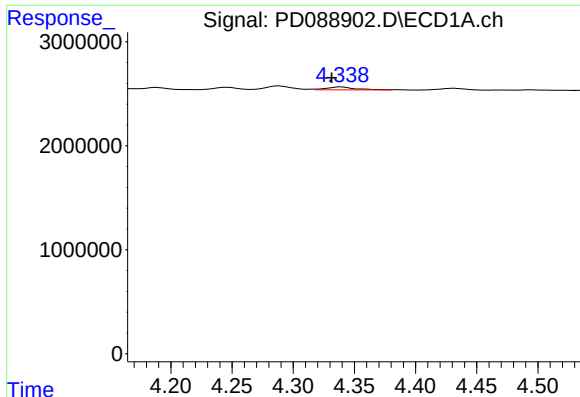
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.000 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

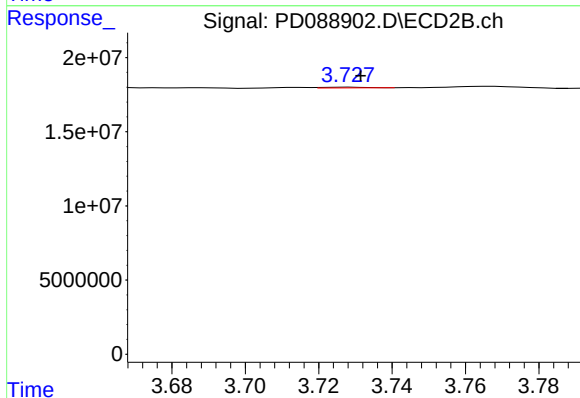
R.T.: 3.380 min  
Delta R.T.: -0.015 min  
Response: 868610  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

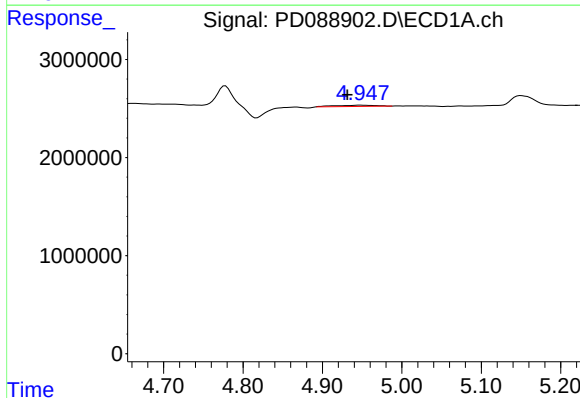
R.T.: 4.339 min  
Delta R.T.: 0.008 min  
Response: 476033  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



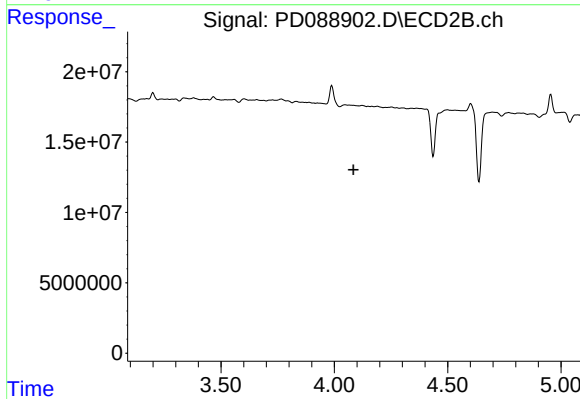
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: -0.003 min  
Response: 358430  
Conc: 0.02 ng/ml



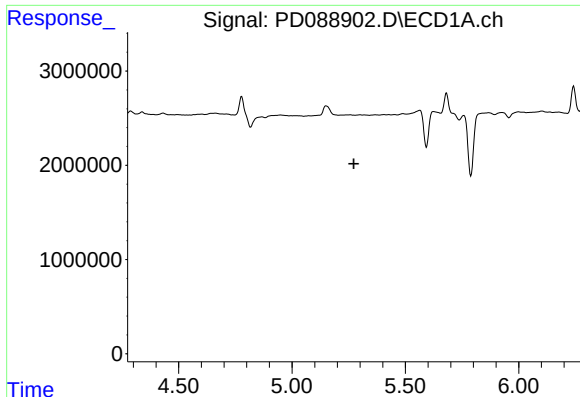
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.017 min  
Response: 482469  
Conc: 0.11 ng/ml



#4 Heptachlor

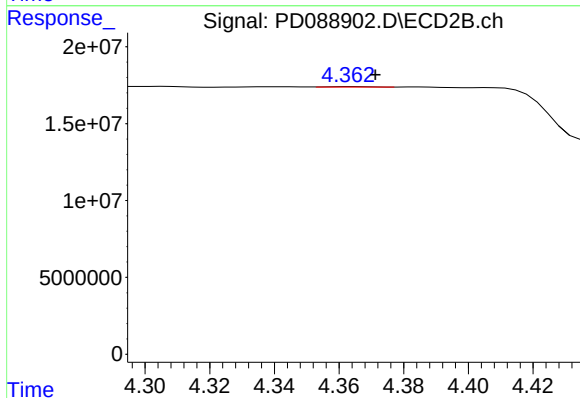
R.T.: 0.000 min  
Exp R.T.: 4.085 min  
Response: 0  
Conc: N.D.



#5 Aldrin

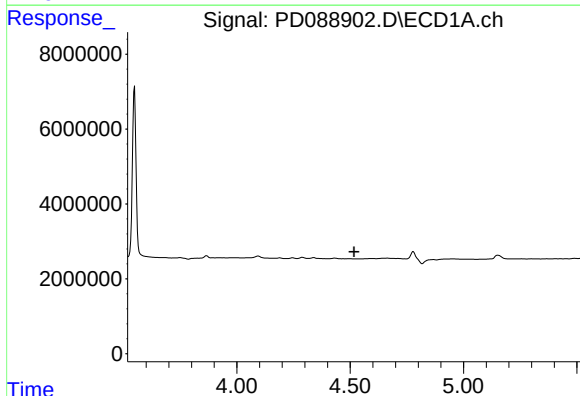
R.T.: 0.000 min  
Exp R.T.: 5.273 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



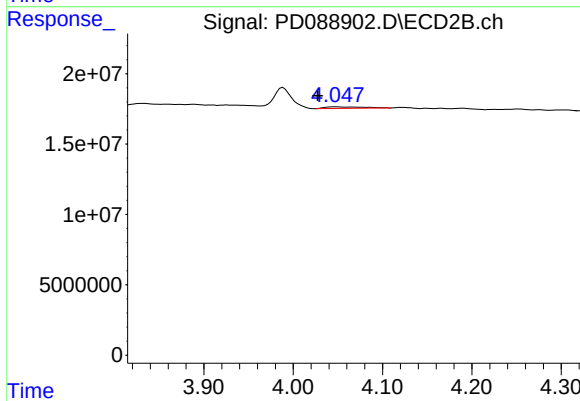
#5 Aldrin

R.T.: 4.364 min  
Delta R.T.: -0.008 min  
Response: 260811  
Conc: 0.01 ng/ml



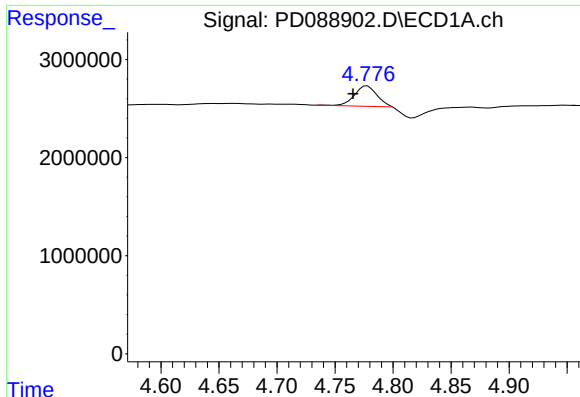
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.517 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

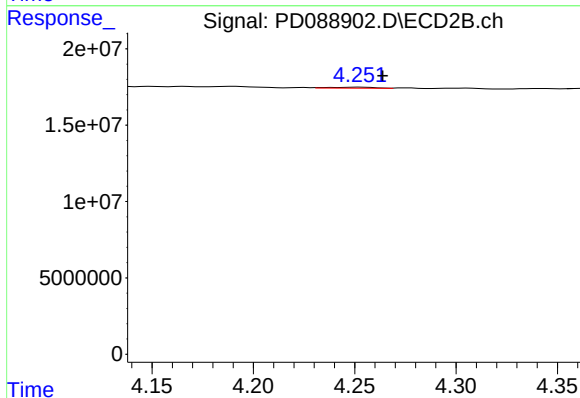
R.T.: 4.048 min  
Delta R.T.: 0.021 min  
Response: 3265920  
Conc: 0.34 ng/ml



#7 delta-BHC

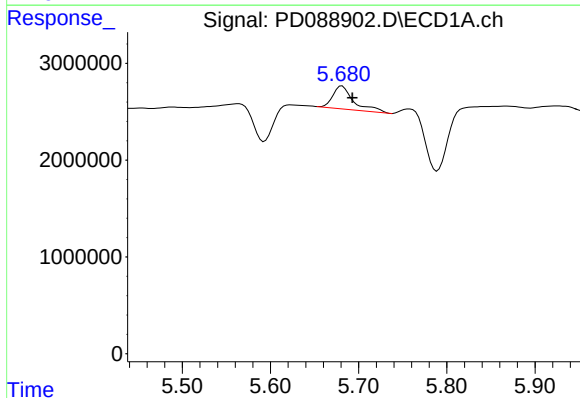
R.T.: 4.778 min  
Delta R.T.: 0.012 min  
Response: 2785498  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



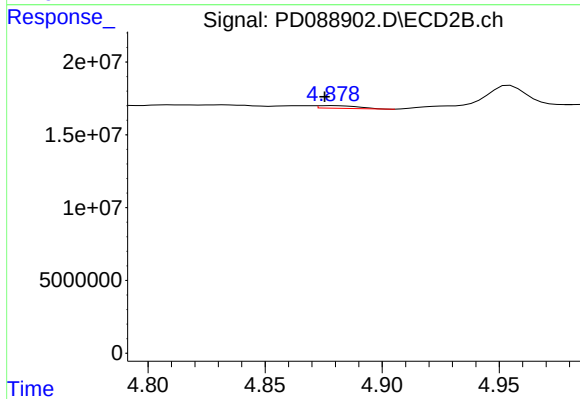
#7 delta-BHC

R.T.: 4.253 min  
Delta R.T.: -0.011 min  
Response: 973023  
Conc: 0.04 ng/ml



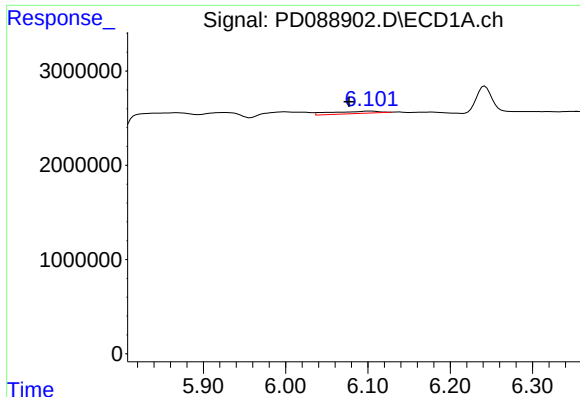
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: -0.011 min  
Response: 3920511  
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

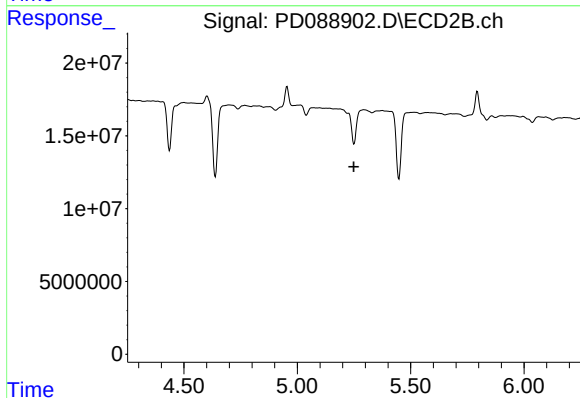
R.T.: 4.879 min  
Delta R.T.: 0.003 min  
Response: 2153413  
Conc: 0.11 ng/ml



#9 Endosulfan I

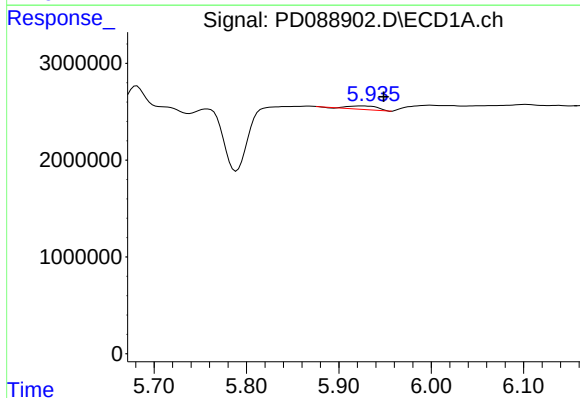
R.T.: 6.103 min  
Delta R.T.: 0.026 min  
Response: 979174  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



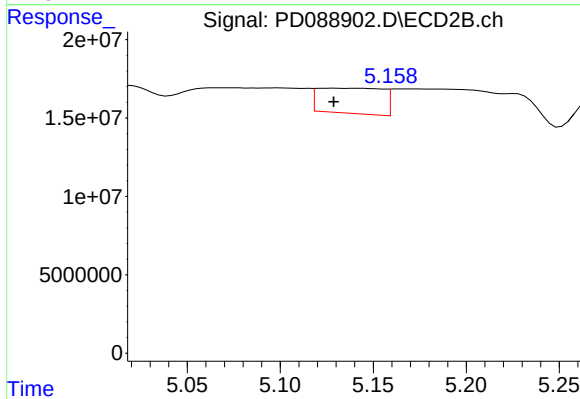
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.250 min  
Response: 0  
Conc: N.D.



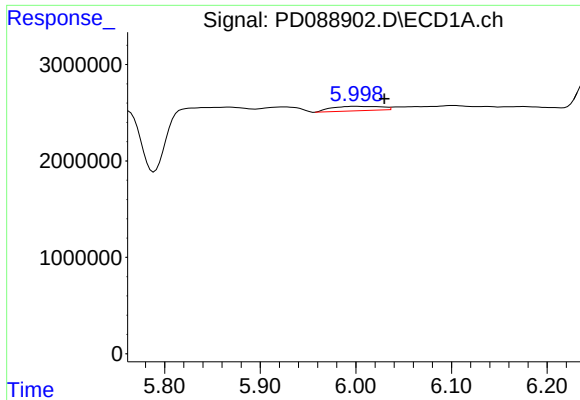
#10 gamma-Chlordane

R.T.: 5.925 min  
Delta R.T.: -0.024 min  
Response: 805825  
Conc: 0.20 ng/ml



#10 gamma-Chlordane

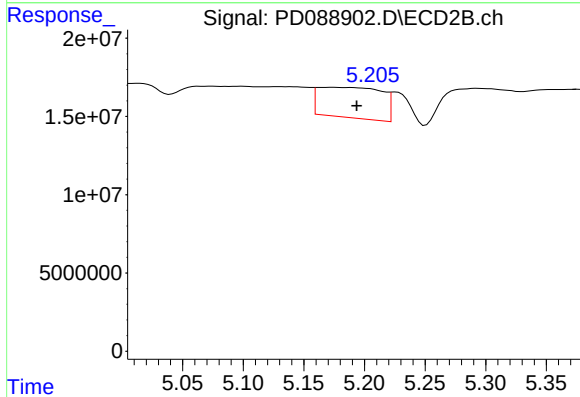
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 39128645  
Conc: 1.83 ng/ml



#11 alpha-Chlordane

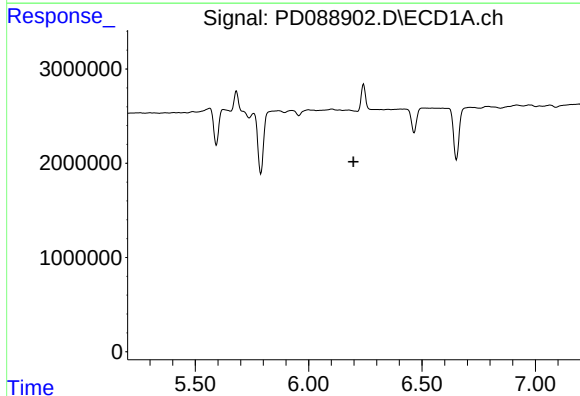
R.T.: 6.000 min  
Delta R.T.: -0.030 min  
Response: 1663224  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



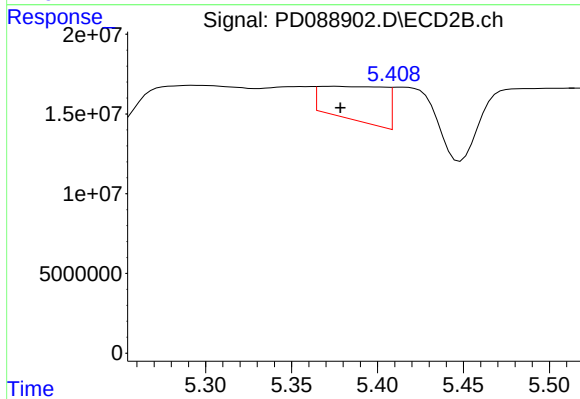
#11 alpha-Chlordane

R.T.: 5.173 min  
Delta R.T.: -0.021 min  
Response: 70885449  
Conc: 3.44 ng/ml



#12 4,4'-DDE

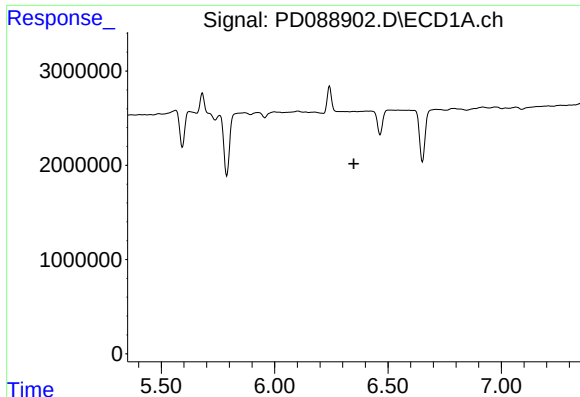
R.T.: 0.000 min  
Exp R.T. : 6.198 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.376 min  
Delta R.T.: -0.002 min  
Response: 55056697  
Conc: 2.63 ng/ml

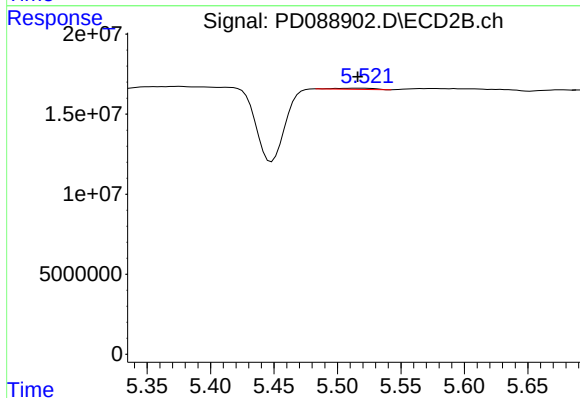




#13 Dieldrin

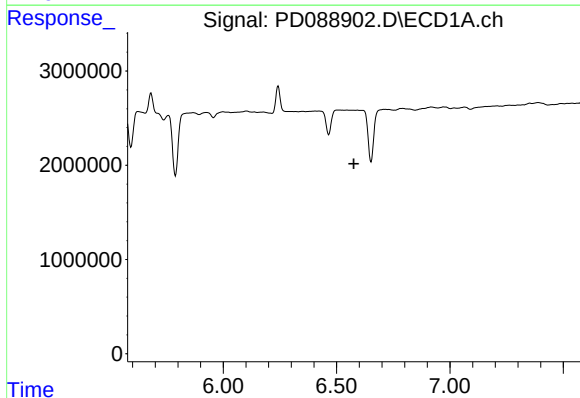
R.T.: 0.000 min  
Exp R.T.: 6.350 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



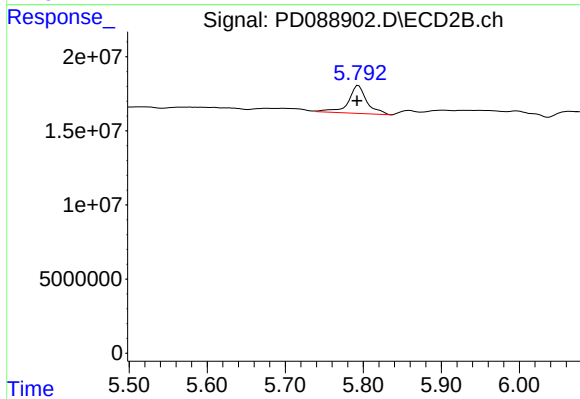
#13 Dieldrin

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 1522367  
Conc: 0.07 ng/ml



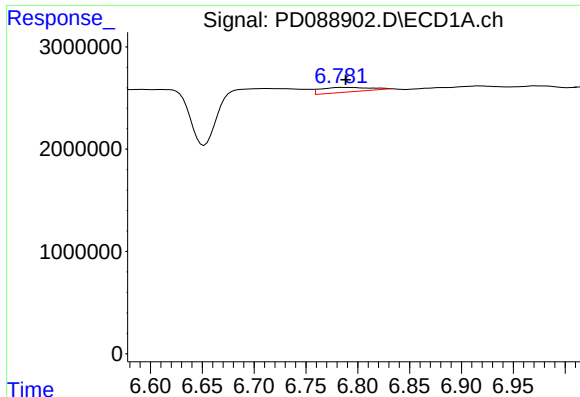
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.577 min  
Response: 0  
Conc: N.D.



#14 Endrin

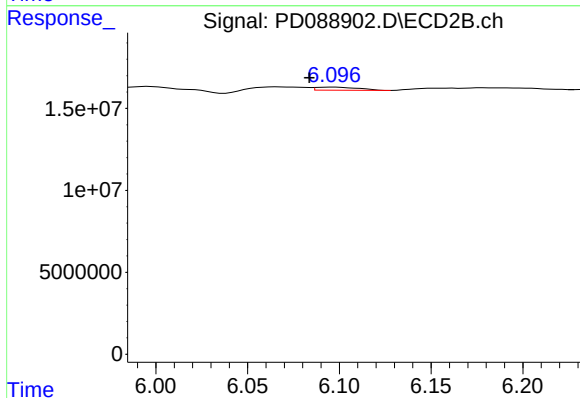
R.T.: 5.794 min  
Delta R.T.: 0.002 min  
Response: 31100214  
Conc: 1.61 ng/ml



#15 Endosulfan II

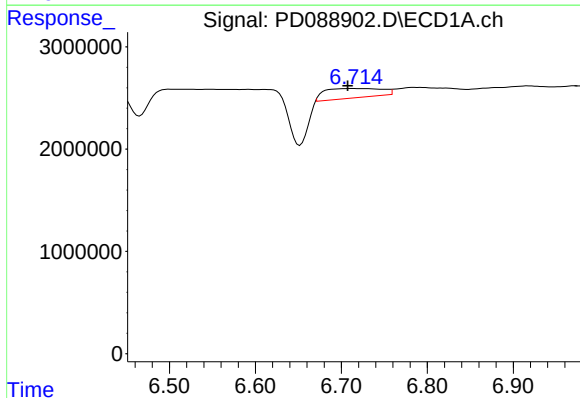
R.T.: 6.784 min  
Delta R.T.: -0.004 min  
Response: 1587419  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



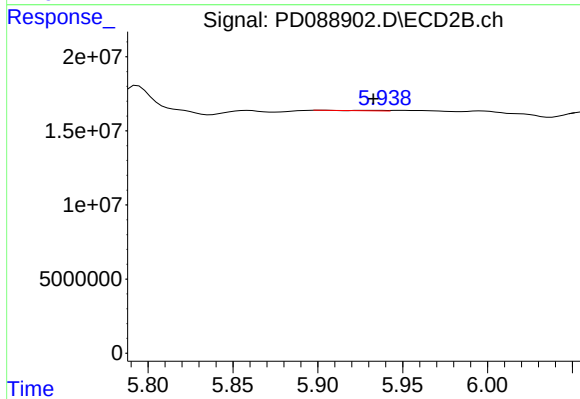
#15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.013 min  
Response: 3033290  
Conc: 0.17 ng/ml



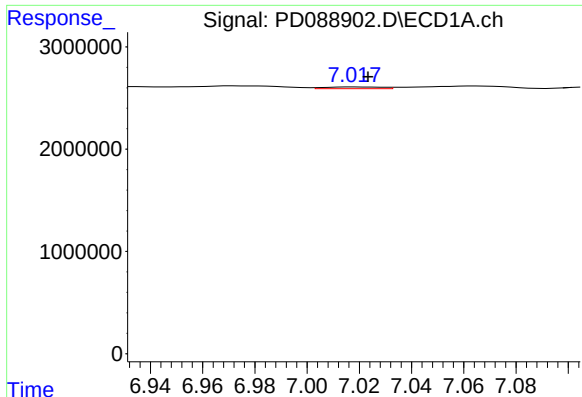
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.008 min  
Response: 4253402  
Conc: 1.53 ng/ml



#16 4,4'-DDD

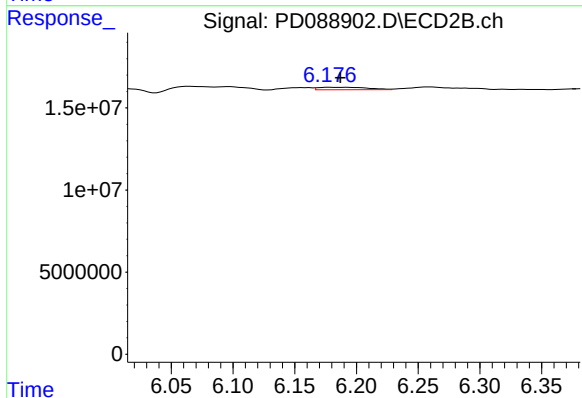
R.T.: 5.935 min  
Delta R.T.: 0.003 min  
Response: 397659  
Conc: 0.02 ng/ml



#17 4,4'-DDT

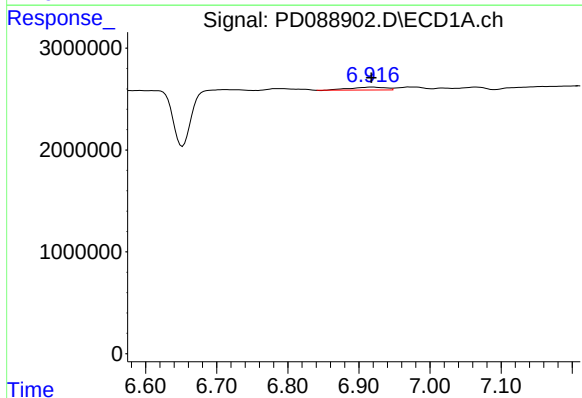
R.T.: 7.019 min  
Delta R.T.: -0.005 min  
Response: 257322  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



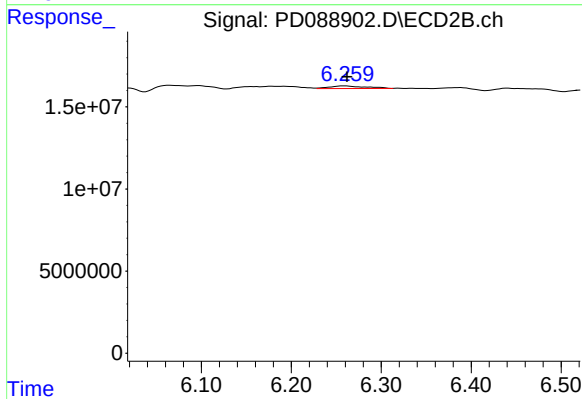
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.008 min  
Response: 4250605  
Conc: 0.23 ng/ml



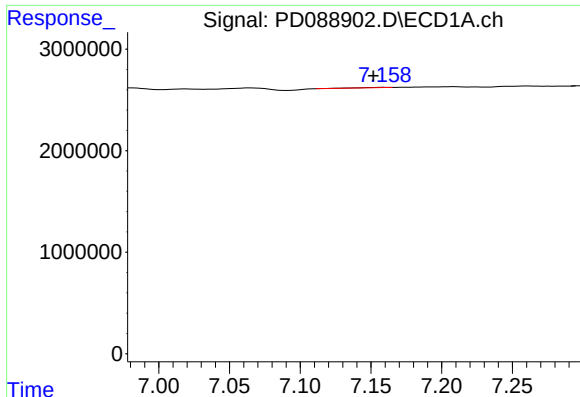
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: 0.000 min  
Response: 1020433  
Conc: 0.40 ng/ml



#18 Endrin aldehyde

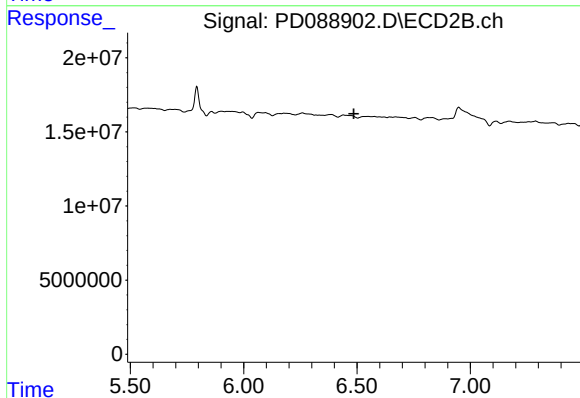
R.T.: 6.260 min  
Delta R.T.: -0.002 min  
Response: 4433813  
Conc: 0.32 ng/ml



#19 Endosulfan Sulfate

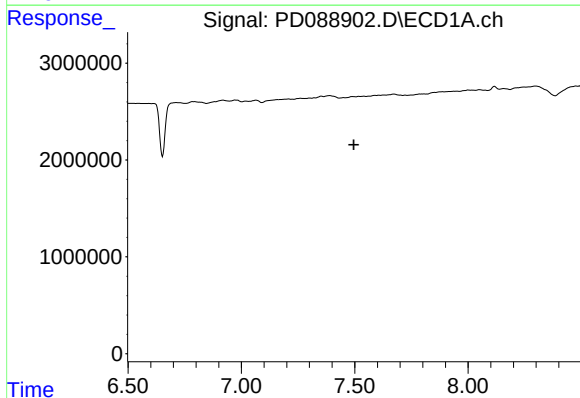
R.T.: 7.159 min  
Delta R.T.: 0.008 min  
Response: 38847  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



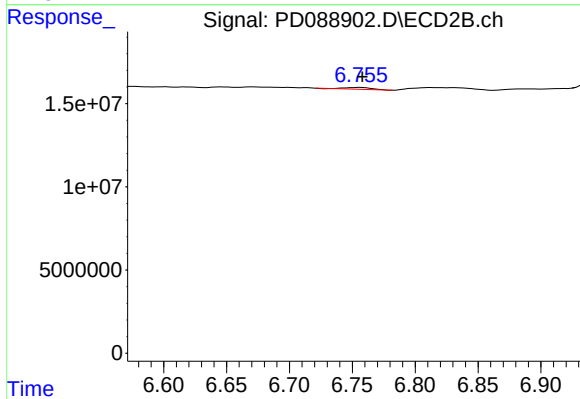
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.486 min  
Response: 0  
Conc: N.D.



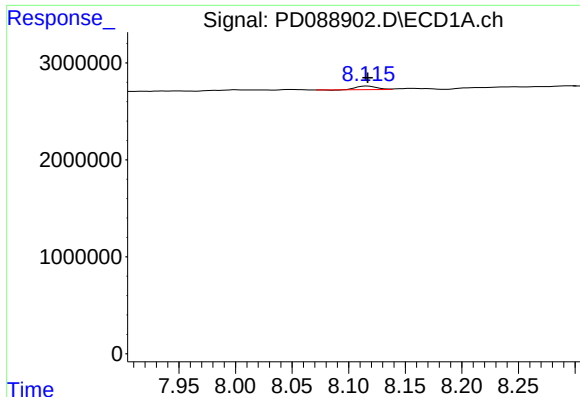
#20 Methoxychlor

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



#20 Methoxychlor

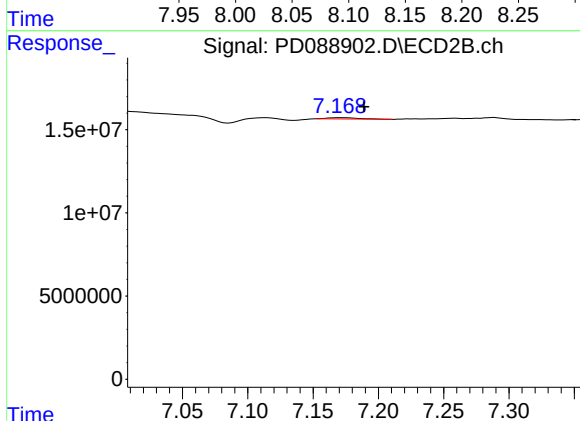
R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 1587567  
Conc: 0.17 ng/ml



#22 Mirex

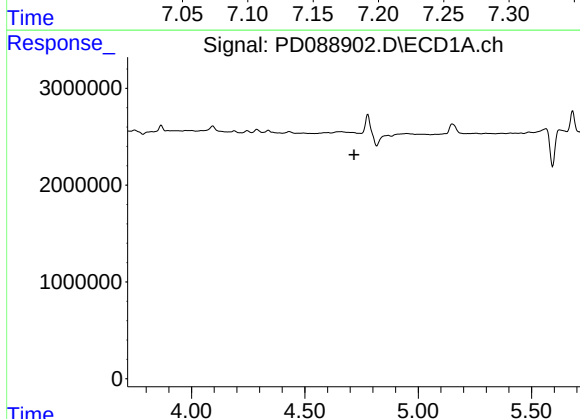
R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 467583  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



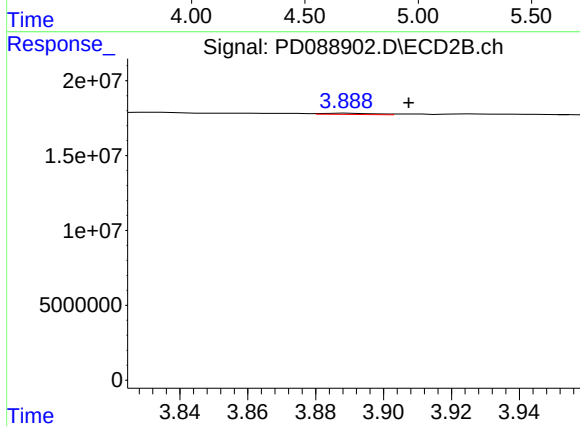
#22 Mirex

R.T.: 7.171 min  
Delta R.T.: -0.018 min  
Response: 1345320  
Conc: 0.09 ng/ml



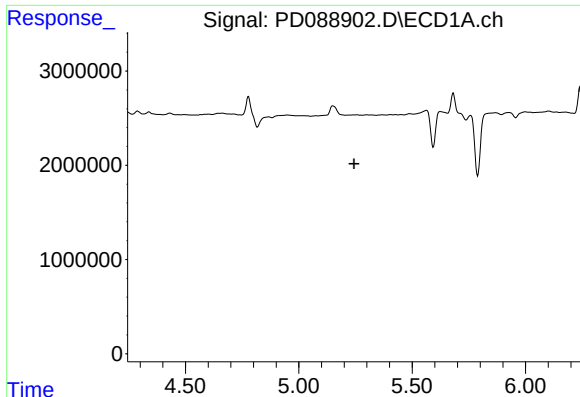
#23 Chlordane-1

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



#23 Chlordane-1

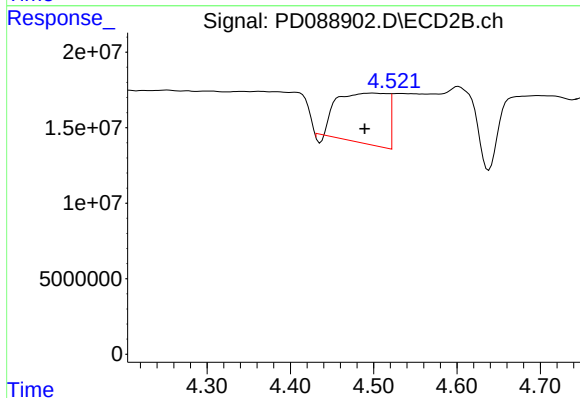
R.T.: 3.890 min  
Delta R.T.: -0.018 min  
Response: 854021  
Conc: 1.03 ng/ml



#24 Chlordane-2

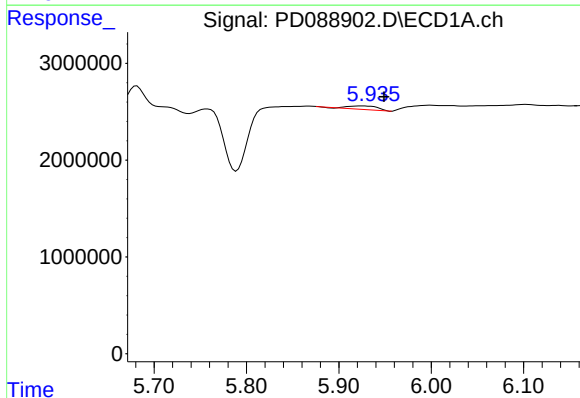
R.T.: 0.000 min  
Exp R.T.: 5.244 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



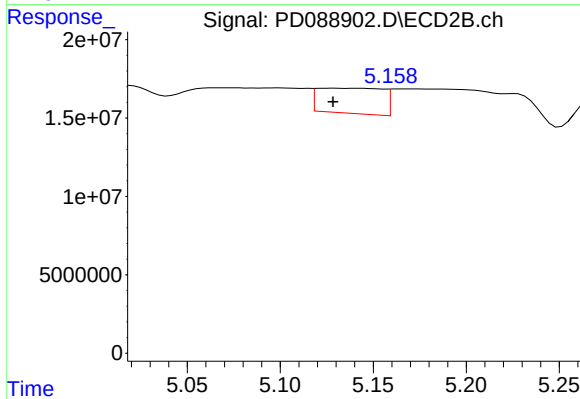
#24 Chlordane-2

R.T.: 4.500 min  
Delta R.T.: 0.011 min  
Response: 138439797  
Conc: 164.03 ng/ml



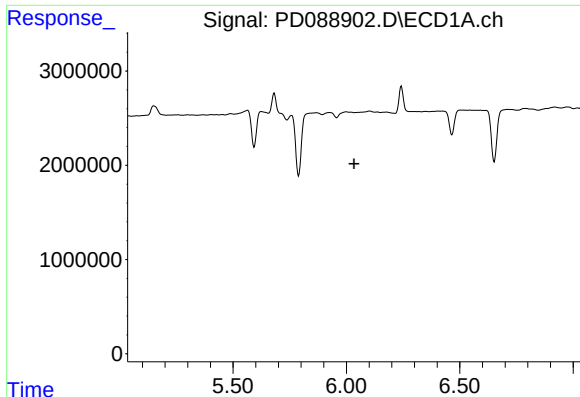
#25 Chlordane-3

R.T.: 5.925 min  
Delta R.T.: -0.024 min  
Response: 805825  
Conc: 1.09 ng/ml



#25 Chlordane-3

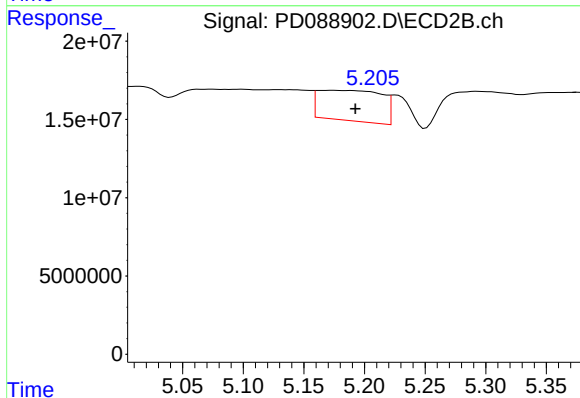
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 39128645  
Conc: 14.84 ng/ml



#26 Chlordane-4

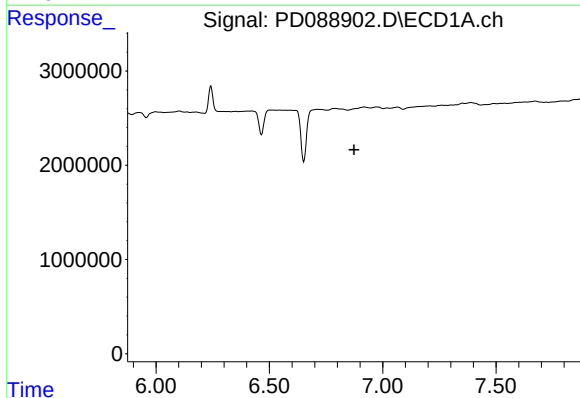
R.T.: 0.000 min  
Exp R.T.: 6.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



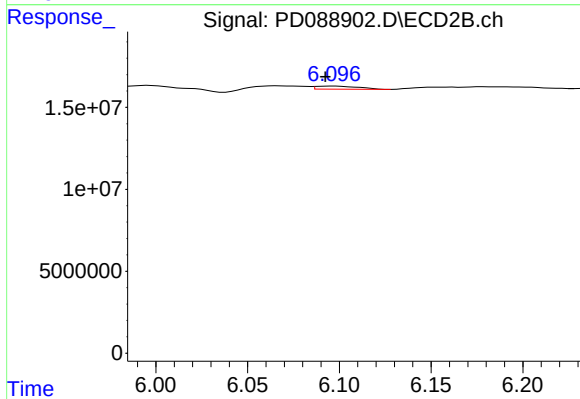
#26 Chlordane-4

R.T.: 5.173 min  
Delta R.T.: -0.019 min  
Response: 70885449  
Conc: 32.04 ng/ml



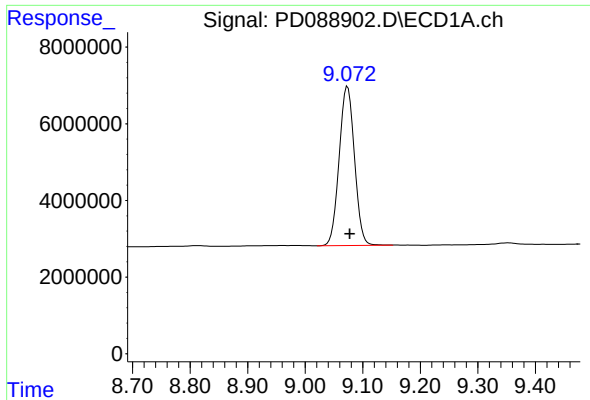
#27 Chlordane-5

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



#27 Chlordane-5

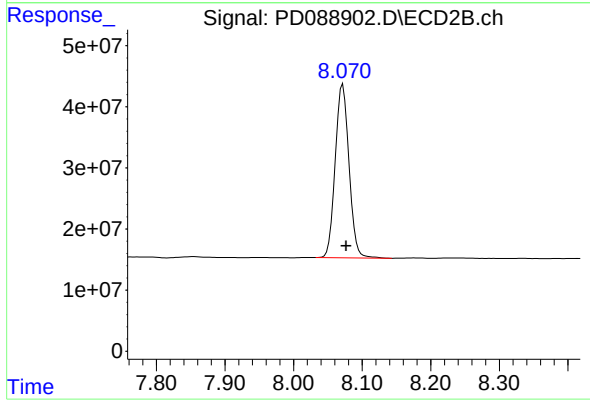
R.T.: 6.097 min  
Delta R.T.: 0.004 min  
Response: 3033290  
Conc: 3.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: -0.004 min  
Response: 76855859  
Conc: 22.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: -0.005 min  
Response: 397135040  
Conc: 21.75 ng/ml