

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070925\  
 Data File : PD089424.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2025 19:55  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 01:48:22 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  | 2.880  | 59643801 | 411.2E6  | 20.905 | 24.257   |
| 28)                         | SA Decachlor... | 9.071  | 8.071  | 84817754 | 461.4E6  | 21.595 | 23.340   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.384  | 0        | 3077788  | N.D.   | 0.115 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.720  | 0        | 3363472  | N.D.   | 0.136 #  |
| 4)                          | MA Heptachlor   | 4.916  | 4.111f | 141028   | 92617    | 0.026  | 0.004 #  |
| 5)                          | MB Aldrin       | 5.258  | 4.367  | 99073    | 141278   | 0.019  | 0.006 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.038  | 0        | 2112116  | N.D.   | 0.197 #  |
| 7)                          | B delta-BHC     | 4.778  | 4.267  | 2674259  | 63546    | 0.521  | 0.003 #  |
| 8)                          | B Heptachlo...  | 5.682  | 4.878  | 5328571  | 17424207 | 1.105  | 0.796 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.235  | 0        | 6308291  | N.D.   | 0.303 #  |
| 10)                         | B gamma-Chl...  | 5.931  | 5.114  | 556252   | 10899027 | 0.116  | 0.456 #  |
| 11)                         | B alpha-Chl...  | 6.021  | 5.164f | 402978   | 13896220 | 0.083  | 0.607 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.381  | 0        | 1007673  | N.D.   | 0.044 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.511  | 0        | 2027946  | N.D.   | 0.087 #  |
| 14)                         | MA Endrin       | 0.000  | 5.794  | 0        | 36312892 | N.D.   | 1.672 #  |
| 15)                         | B Endosulfa...  | 6.770f | 6.092  | 4204435  | 2606795  | 1.042  | 0.129 #  |
| 16)                         | A 4,4'-DDD      | 6.698  | 5.919  | 349308   | 554161   | 0.102  | 0.029 #  |
| 17)                         | MA 4,4'-DDT     | 6.990f | 6.198  | 3160549  | 2602416  | 0.834  | 0.128 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.269  | 0        | 12948823 | N.D.   | 0.846 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.476  | 0        | 1555251  | N.D.   | 0.079 #  |
| 20)                         | A Methoxychlor  | 7.522f | 6.763  | 1780752  | 1664304  | 0.881  | 0.155 #  |
| 22)                         | Mirex           | 8.116  | 7.188  | 688922   | 2439859  | 0.227  | 0.146 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.897  | 0        | 1086788  | N.D.   | 1.166 #  |
| 24)                         | Chlordane-2     | 5.258  | 4.496  | 99073    | 12528733 | 0.454  | 13.166 # |
| 25)                         | Chlordane-3     | 5.931  | 5.114  | 556252   | 10899027 | 0.645  | 3.669 #  |
| 26)                         | Chlordane-4     | 6.021  | 5.164f | 402978   | 13896220 | 0.384  | 5.544 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.092  | 0        | 2606795  | N.D.   | 2.304 #  |
| -----                       |                 |        |        |          |          |        |          |

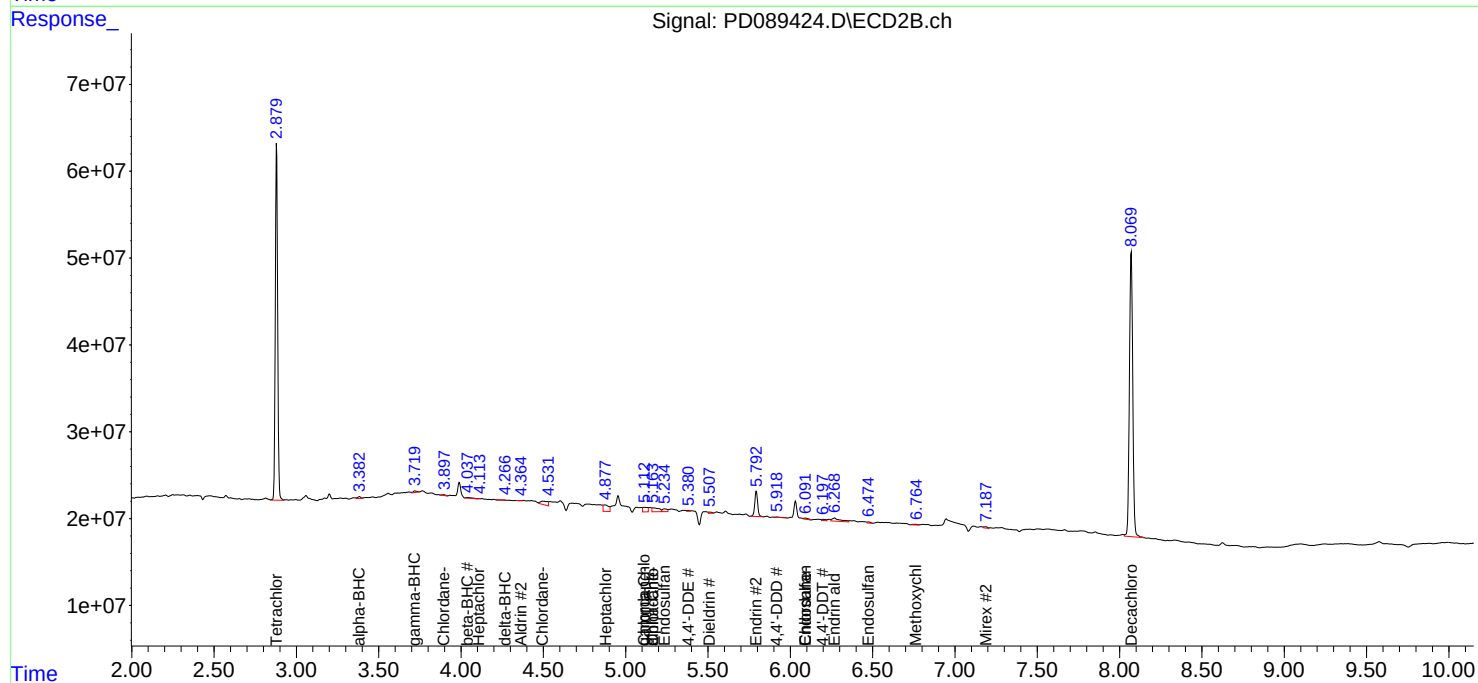
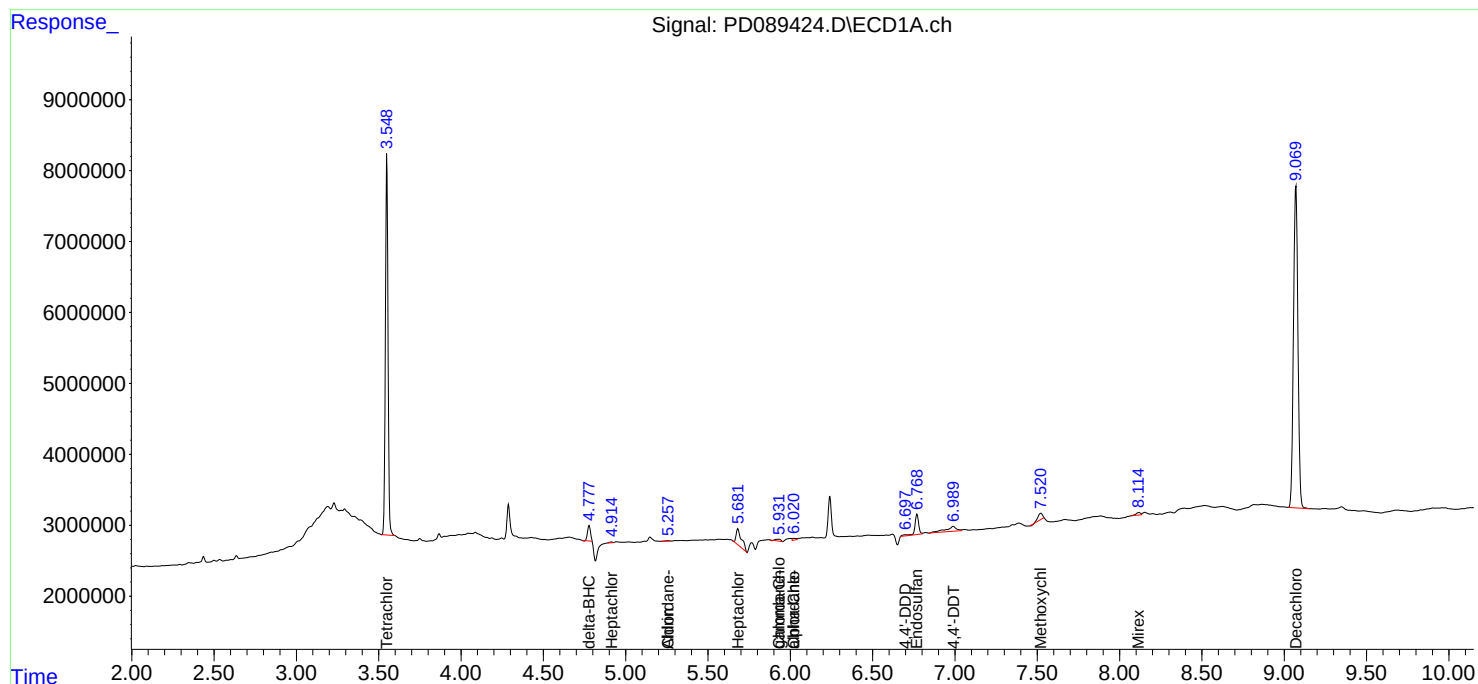
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

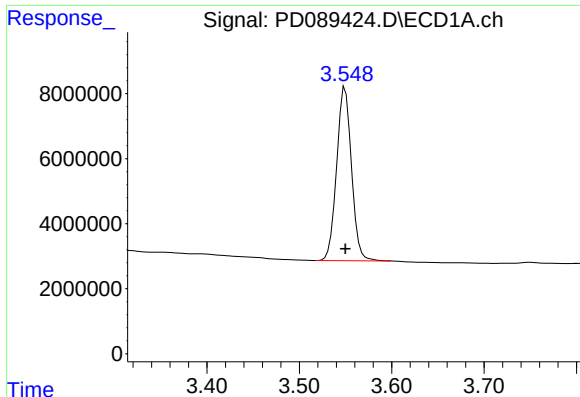
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070925\  
Data File : PD089424.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2025 19:55  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:48:22 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

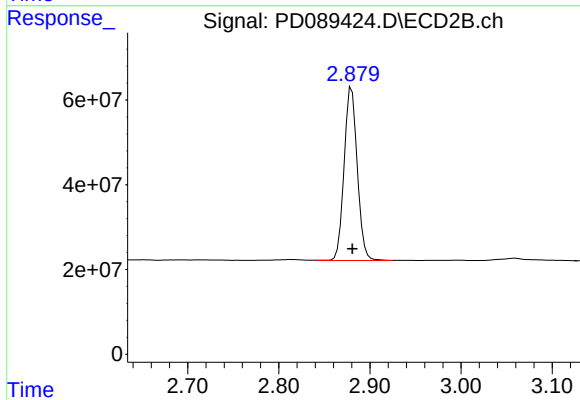




#1 Tetrachloro-m-xylene

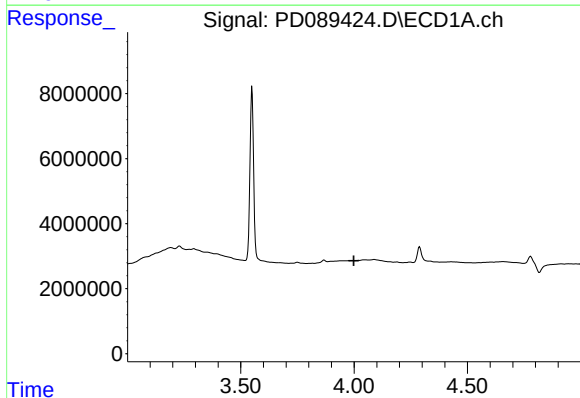
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 59643801  
Conc: 20.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



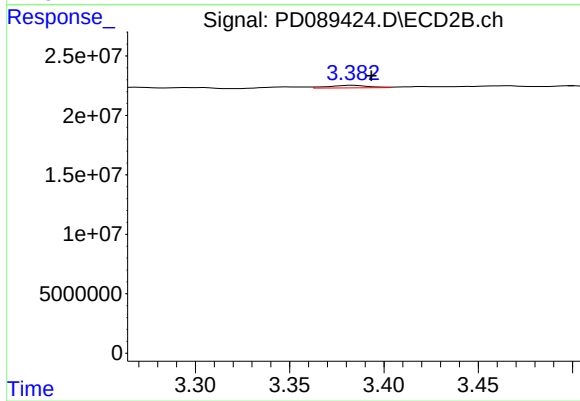
#1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 411238083  
Conc: 24.26 ng/ml



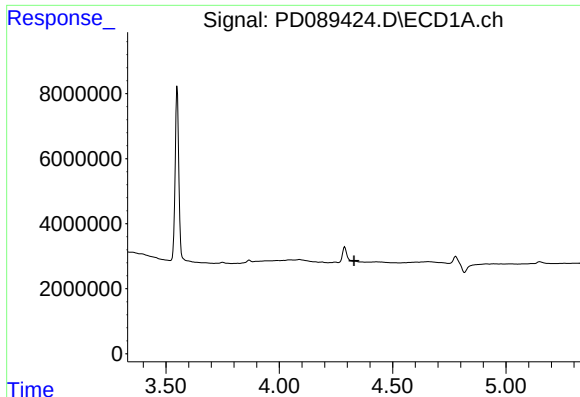
#2 alpha-BHC

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



#2 alpha-BHC

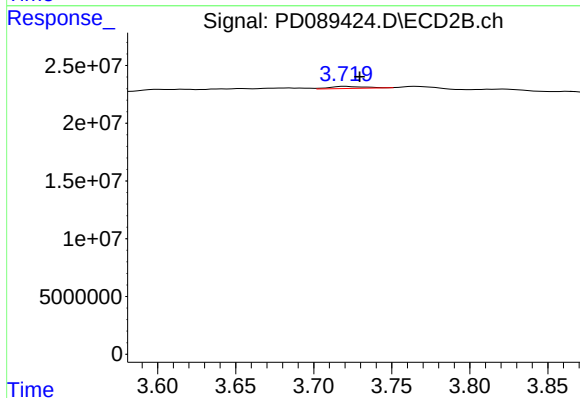
R.T.: 3.384 min  
Delta R.T.: -0.010 min  
Response: 3077788  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

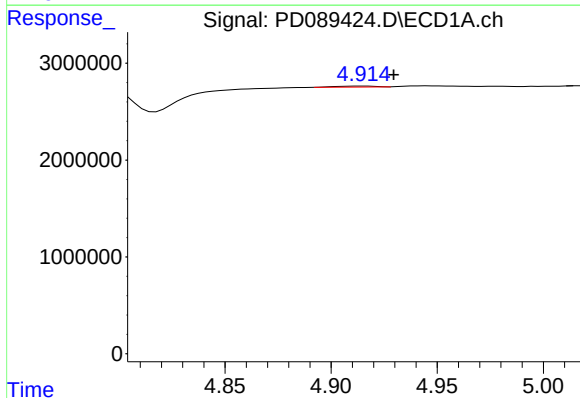
R.T.: 0.000 min  
Exp R.T.: 4.330 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



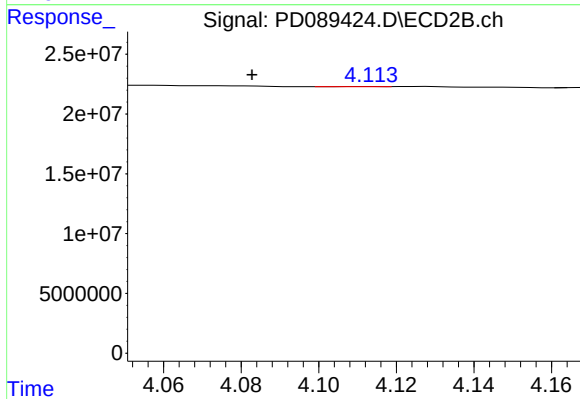
#3 gamma-BHC (Lindane)

R.T.: 3.720 min  
Delta R.T.: -0.009 min  
Response: 3363472  
Conc: 0.14 ng/ml



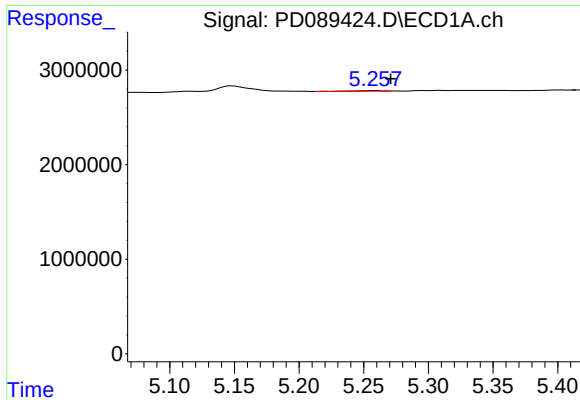
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: -0.014 min  
Response: 141028  
Conc: 0.03 ng/ml



#4 Heptachlor

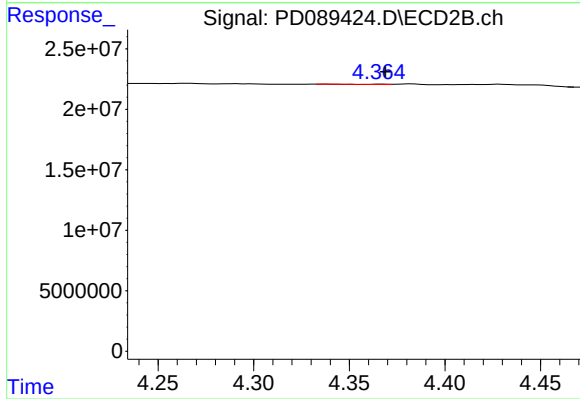
R.T.: 4.111 min  
Delta R.T.: 0.028 min  
Response: 92617  
Conc: 0.00 ng/ml



#5 Aldrin

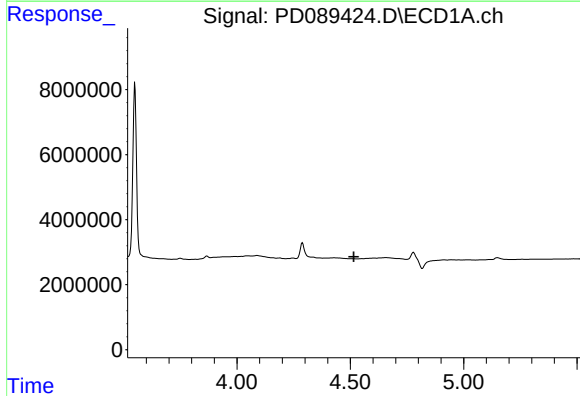
R.T.: 5.258 min  
Delta R.T.: -0.013 min  
Response: 99073  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



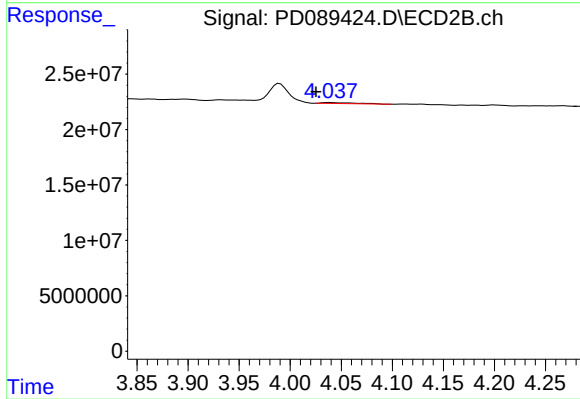
#5 Aldrin

R.T.: 4.367 min  
Delta R.T.: -0.002 min  
Response: 141278  
Conc: 0.01 ng/ml



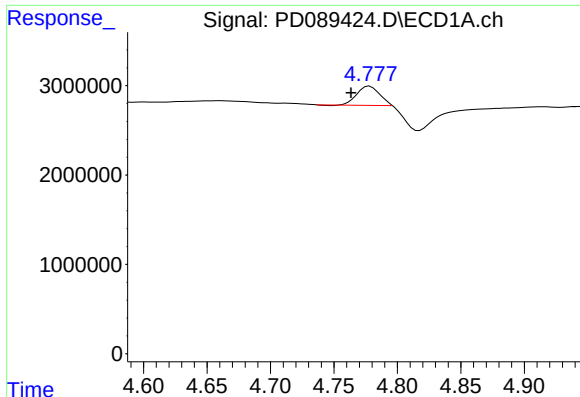
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.515 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

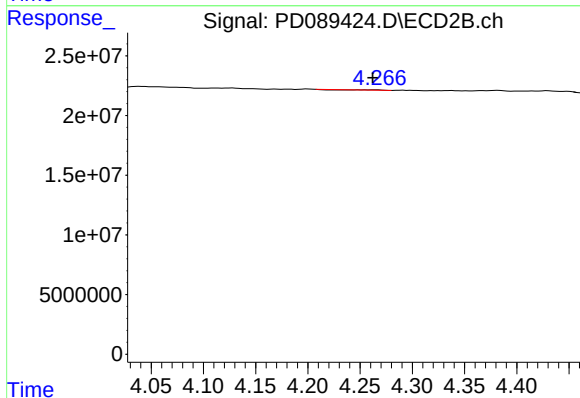
R.T.: 4.038 min  
Delta R.T.: 0.013 min  
Response: 2112116  
Conc: 0.20 ng/ml



#7 delta-BHC

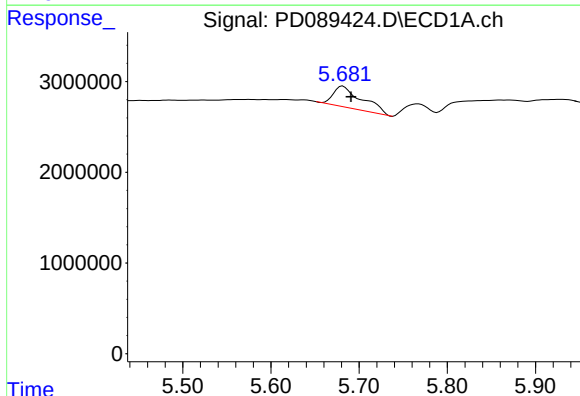
R.T.: 4.778 min  
Delta R.T.: 0.015 min  
Response: 2674259  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



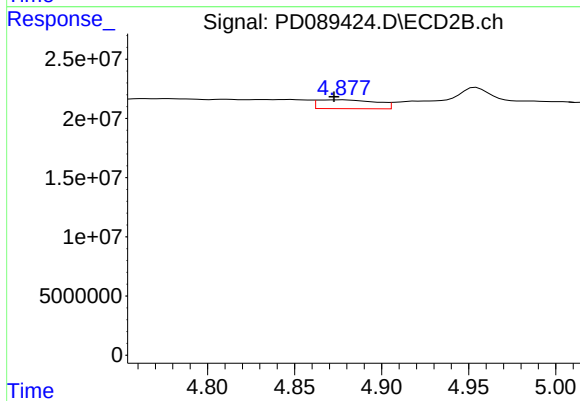
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.005 min  
Response: 63546  
Conc: 0.00 ng/ml



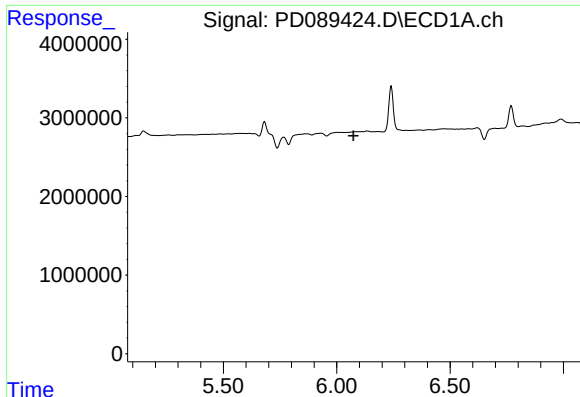
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: -0.009 min  
Response: 5328571  
Conc: 1.10 ng/ml



#8 Heptachlor epoxide

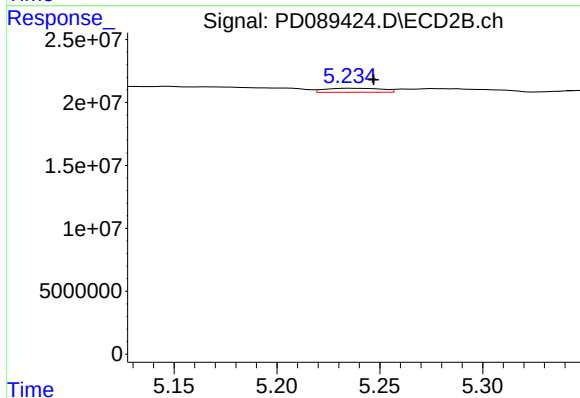
R.T.: 4.878 min  
Delta R.T.: 0.005 min  
Response: 17424207  
Conc: 0.80 ng/ml



#9 Endosulfan I

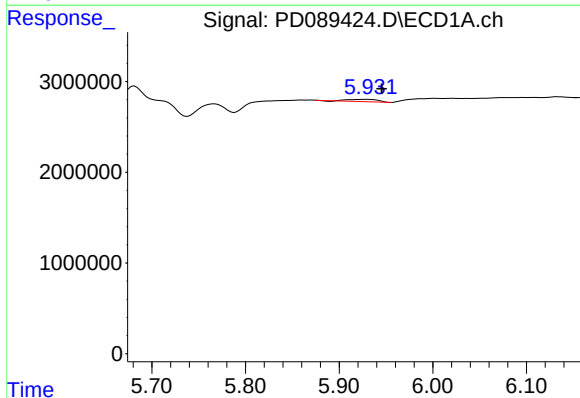
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



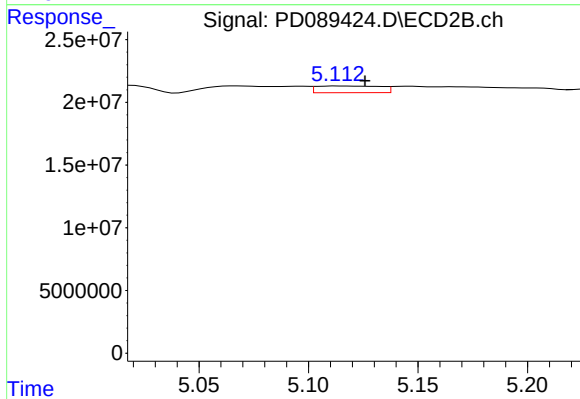
#9 Endosulfan I

R.T.: 5.235 min  
Delta R.T.: -0.012 min  
Response: 6308291  
Conc: 0.30 ng/ml



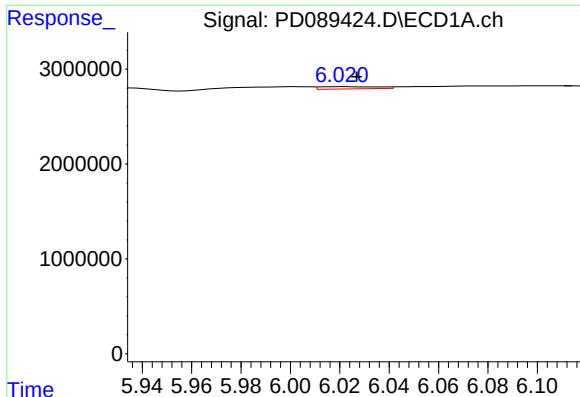
#10 gamma-Chlordane

R.T.: 5.931 min  
Delta R.T.: -0.015 min  
Response: 556252  
Conc: 0.12 ng/ml



#10 gamma-Chlordane

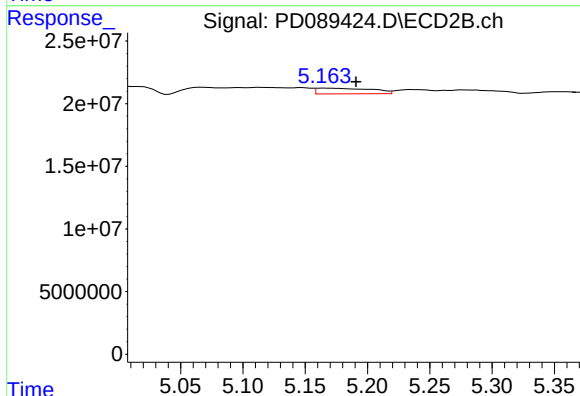
R.T.: 5.114 min  
Delta R.T.: -0.012 min  
Response: 10899027  
Conc: 0.46 ng/ml



#11 alpha-Chlordane

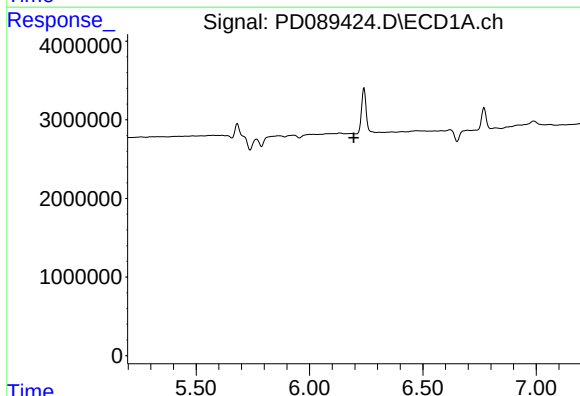
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 402978  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



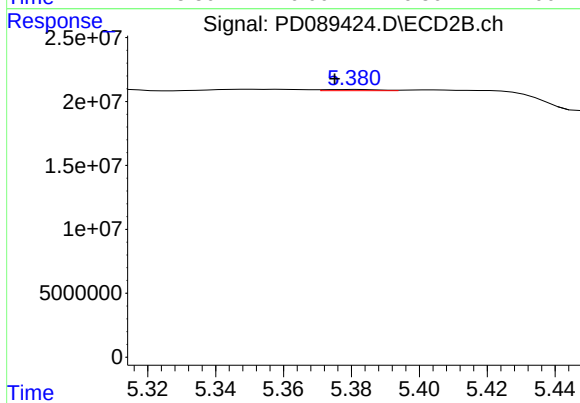
#11 alpha-Chlordane

R.T.: 5.164 min  
Delta R.T.: -0.026 min  
Response: 13896220  
Conc: 0.61 ng/ml



#12 4,4'-DDE

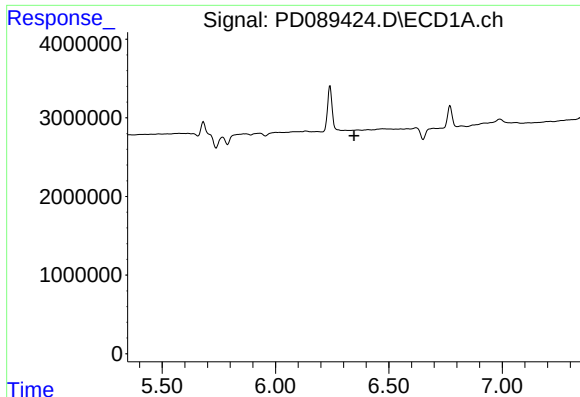
R.T.: 0.000 min  
Exp R.T. : 6.195 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.381 min  
Delta R.T.: 0.006 min  
Response: 1007673  
Conc: 0.04 ng/ml

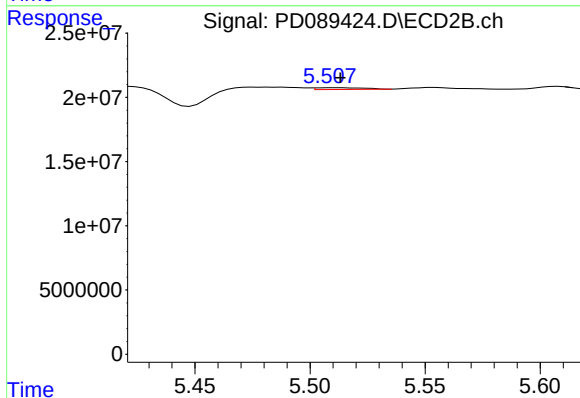




#13 Dieldrin

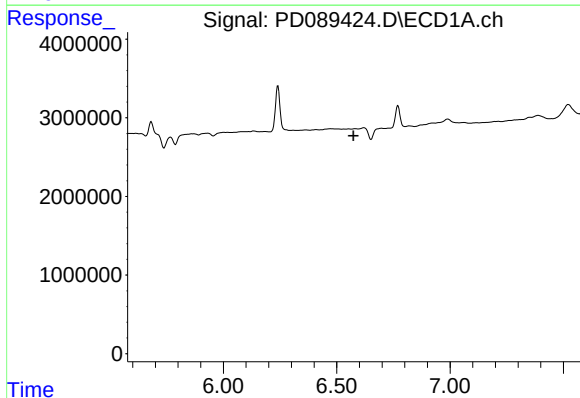
R.T.: 0.000 min  
Exp R.T.: 6.347 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



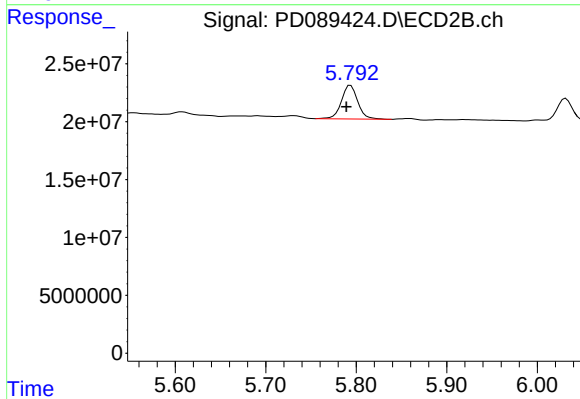
#13 Dieldrin

R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 2027946  
Conc: 0.09 ng/ml



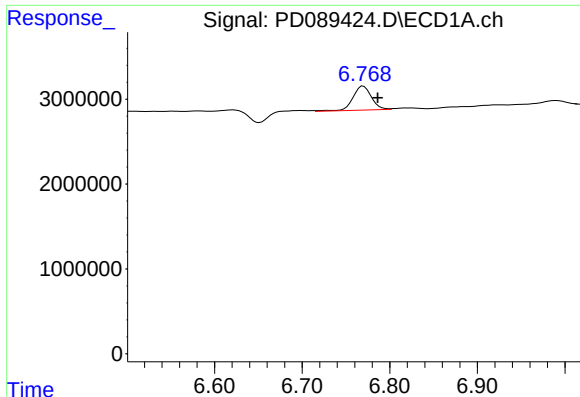
#14 Endrin

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



#14 Endrin

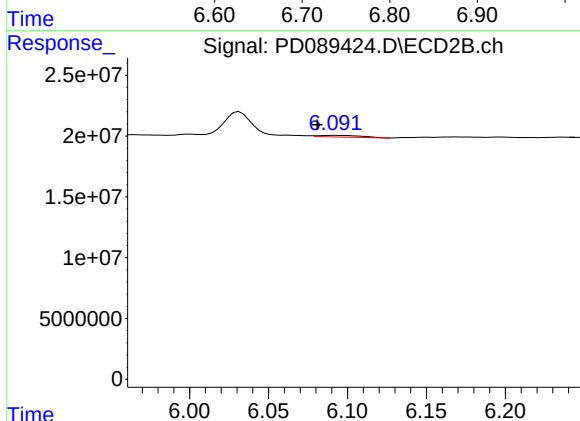
R.T.: 5.794 min  
Delta R.T.: 0.005 min  
Response: 36312892  
Conc: 1.67 ng/ml



#15 Endosulfan II

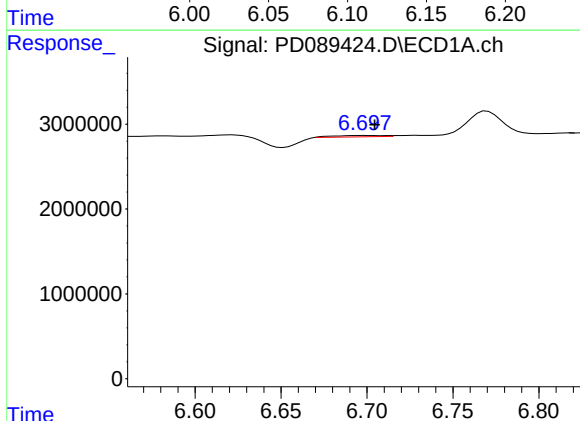
R.T.: 6.770 min  
Delta R.T.: -0.016 min  
Response: 4204435  
Conc: 1.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



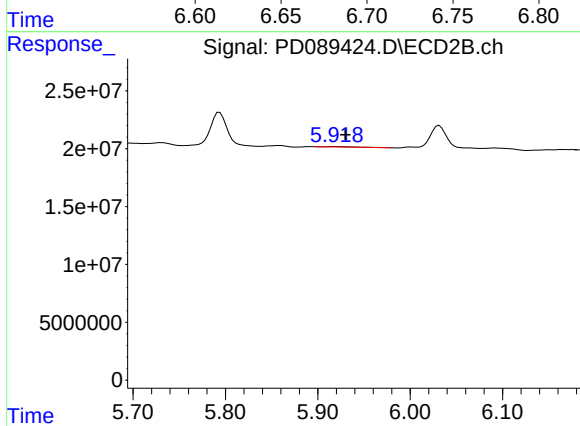
#15 Endosulfan II

R.T.: 6.092 min  
Delta R.T.: 0.011 min  
Response: 2606795  
Conc: 0.13 ng/ml



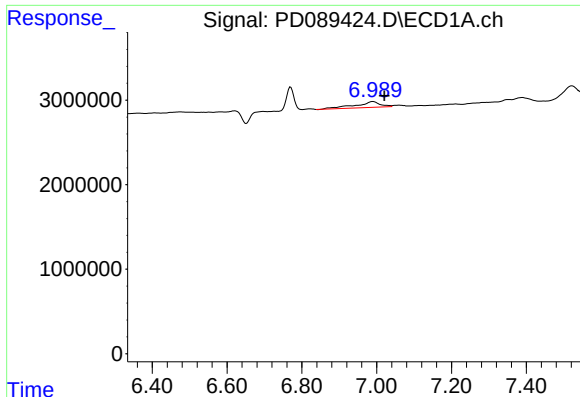
#16 4,4'-DDD

R.T.: 6.698 min  
Delta R.T.: -0.006 min  
Response: 349308  
Conc: 0.10 ng/ml



#16 4,4'-DDD

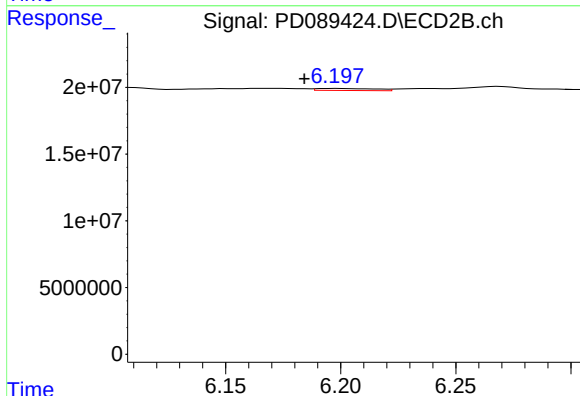
R.T.: 5.919 min  
Delta R.T.: -0.011 min  
Response: 554161  
Conc: 0.03 ng/ml



#17 4,4'-DDT

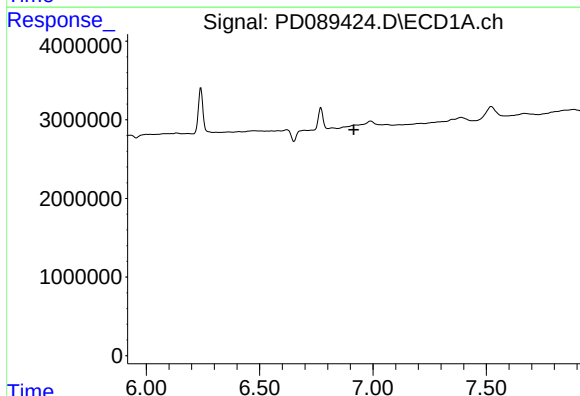
R.T.: 6.990 min  
Delta R.T.: -0.030 min  
Response: 3160549  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



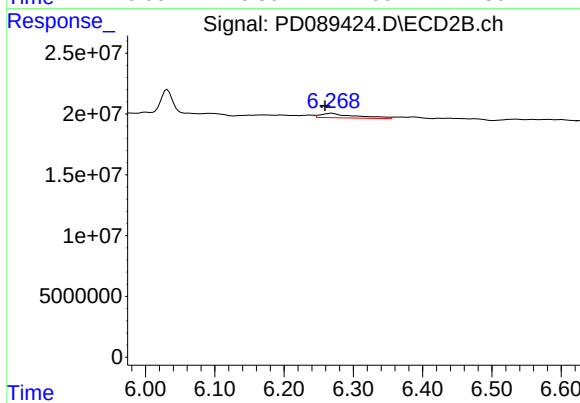
#17 4,4'-DDT

R.T.: 6.198 min  
Delta R.T.: 0.014 min  
Response: 2602416  
Conc: 0.13 ng/ml



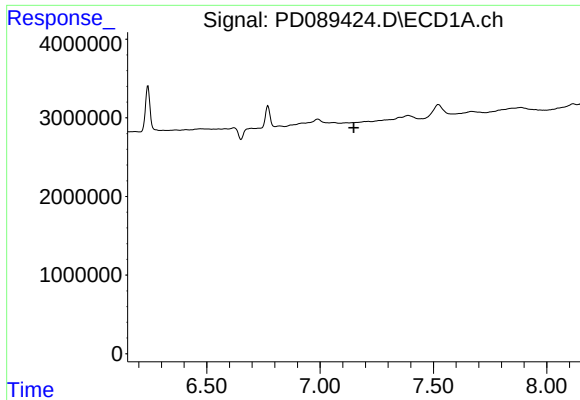
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.915 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

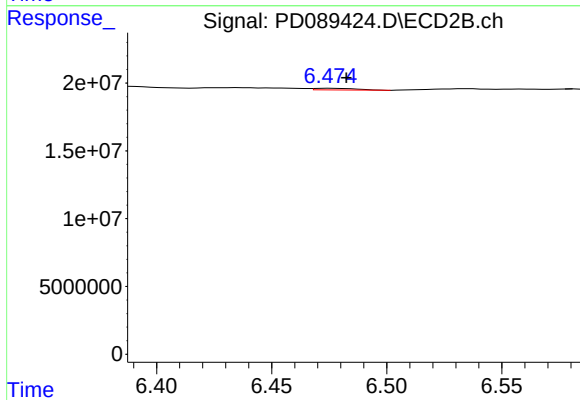
R.T.: 6.269 min  
Delta R.T.: 0.010 min  
Response: 12948823  
Conc: 0.85 ng/ml



#19 Endosulfan Sulfate

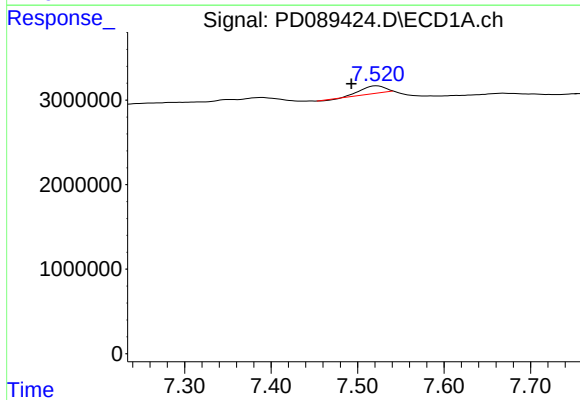
R.T.: 0.000 min  
Exp R.T.: 7.148 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



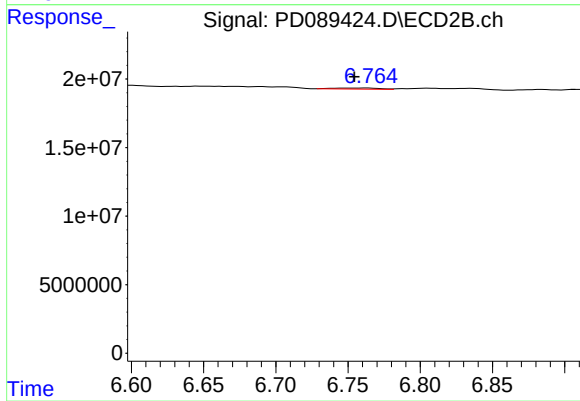
#19 Endosulfan Sulfate

R.T.: 6.476 min  
Delta R.T.: -0.006 min  
Response: 1555251  
Conc: 0.08 ng/ml



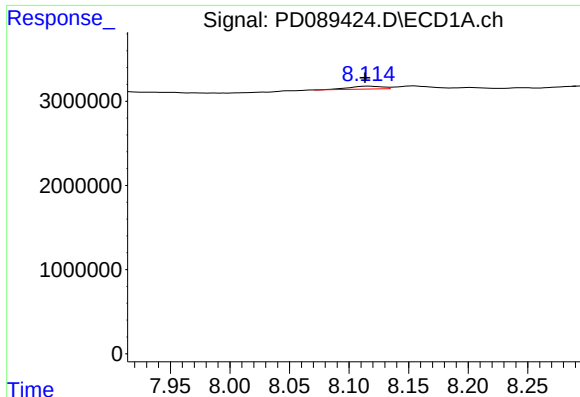
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: 0.029 min  
Response: 1780752  
Conc: 0.88 ng/ml



#20 Methoxychlor

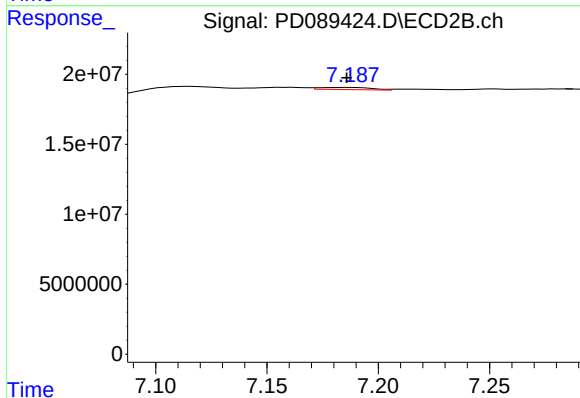
R.T.: 6.763 min  
Delta R.T.: 0.008 min  
Response: 1664304  
Conc: 0.15 ng/ml



#22 Mirex

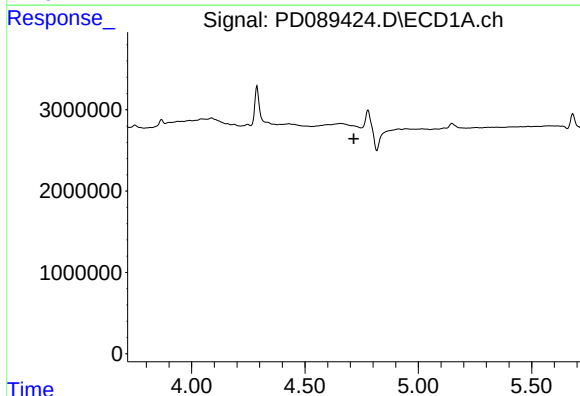
R.T.: 8.116 min  
Delta R.T.: 0.003 min  
Response: 688922  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



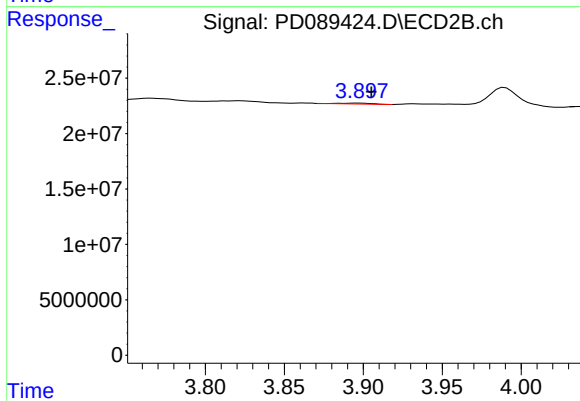
#22 Mirex

R.T.: 7.188 min  
Delta R.T.: 0.002 min  
Response: 2439859  
Conc: 0.15 ng/ml



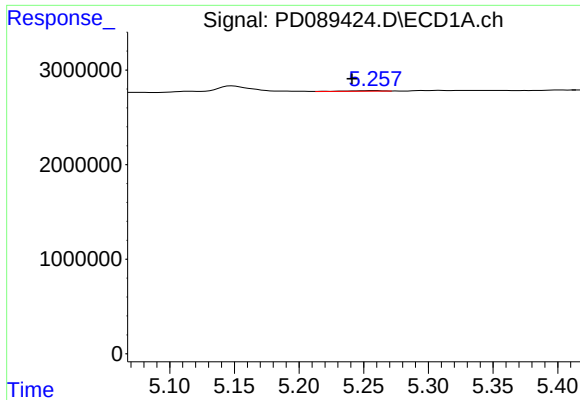
#23 Chlordane-1

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



#23 Chlordane-1

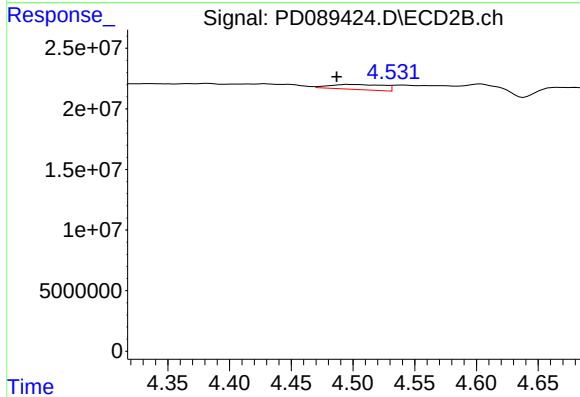
R.T.: 3.897 min  
Delta R.T.: -0.008 min  
Response: 1086788  
Conc: 1.17 ng/ml



#24 Chlordane-2

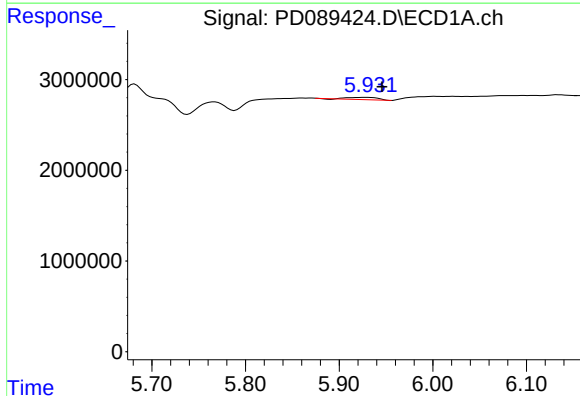
R.T.: 5.258 min  
Delta R.T.: 0.017 min  
Response: 99073  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



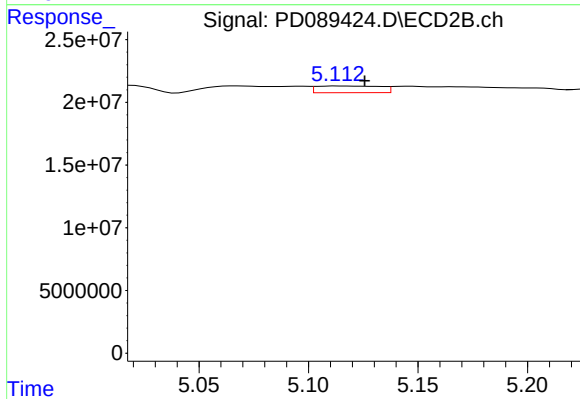
#24 Chlordane-2

R.T.: 4.496 min  
Delta R.T.: 0.009 min  
Response: 12528733  
Conc: 13.17 ng/ml



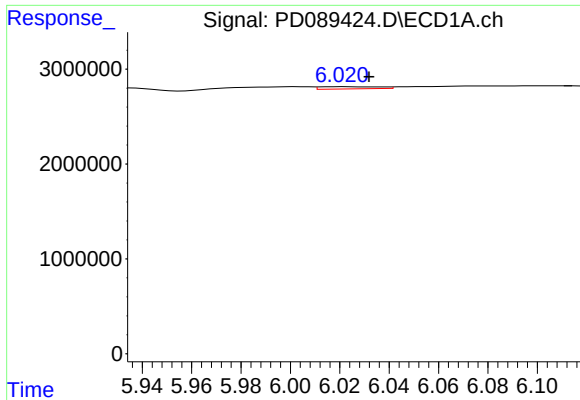
#25 Chlordane-3

R.T.: 5.931 min  
Delta R.T.: -0.015 min  
Response: 556252  
Conc: 0.64 ng/ml



#25 Chlordane-3

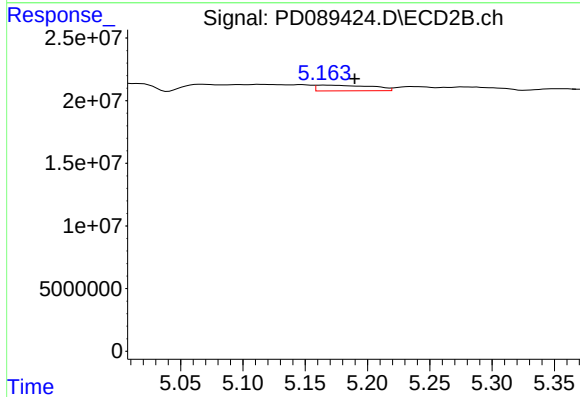
R.T.: 5.114 min  
Delta R.T.: -0.011 min  
Response: 10899027  
Conc: 3.67 ng/ml



#26 Chlordane-4

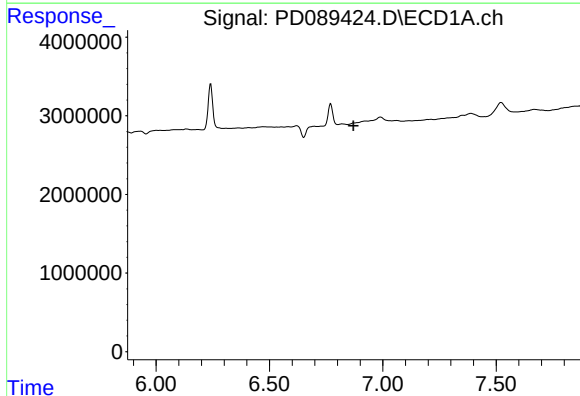
R.T.: 6.021 min  
Delta R.T.: -0.011 min  
Response: 402978  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



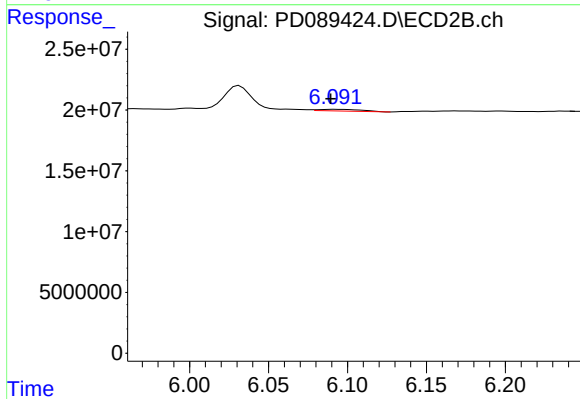
#26 Chlordane-4

R.T.: 5.164 min  
Delta R.T.: -0.026 min  
Response: 13896220  
Conc: 5.54 ng/ml



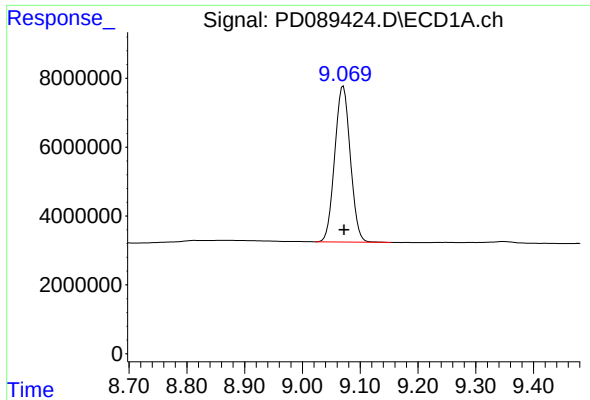
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

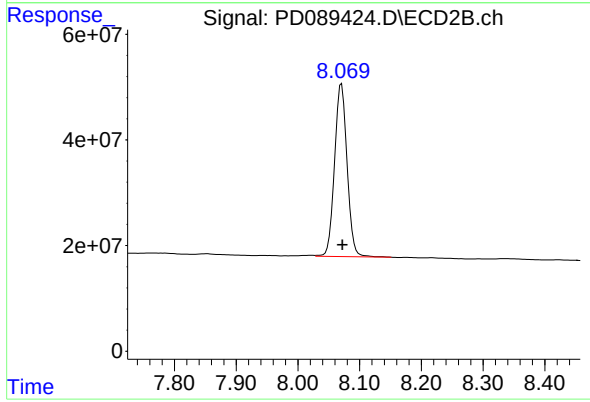
R.T.: 6.092 min  
Delta R.T.: 0.002 min  
Response: 2606795  
Conc: 2.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: -0.001 min  
Response: 84817754  
Conc: 21.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 461439968  
Conc: 23.34 ng/ml