

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050225\  
 Data File : PD088403.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2025 15:44  
 Operator : AR\AJ  
 Sample : I.BLJK  
 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: May 02 22:55:21 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... | 3.551  | 2.882  | 43708663 | 310.1E6  | 21.883 | 21.210    |
| 28)                         | SA Decachlor... | 9.076  | 8.076  | 73192897 | 358.8E6  | 22.125 | 19.417    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.386  | 0        | 503849   | N.D.   | 0.022 #   |
| 3)                          | MA gamma-BHC... | 4.334  | 3.722  | 154197   | 1590962  | 0.037  | 0.074 #   |
| 4)                          | MA Heptachlor   | 4.918  | 4.088  | 916741   | 1205800  | 0.227  | 0.056 #   |
| 5)                          | MB Aldrin       | 5.260  | 4.366  | 239632   | 1299203  | 0.061  | 0.062     |
| 6)                          | B beta-BHC      | 0.000  | 4.044f | 0        | 3560964  | N.D.   | 0.385 #   |
| 7)                          | B delta-BHC     | 4.779  | 4.256  | 4756494  | 775752   | 1.153  | 0.036 #   |
| 8)                          | B Heptachlo...  | 5.683  | 4.887  | 2754319  | 3302089  | 0.771  | 0.175 #   |
| 9)                          | A Endosulfan I  | 6.102f | 0.000  | 3161321  | 0        | 0.936  | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.925f | 5.134  | 14890848 | 27358342 | 4.111  | 1.348 #   |
| 11)                         | B alpha-Chl...  | 5.997f | 0.000  | 14036250 | 0        | 3.889  | N.D. #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.385  | 0        | 29884099 | N.D.   | 1.517 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.522  | 0        | 1244578  | N.D.   | 0.062 #   |
| 14)                         | MA Endrin       | 0.000  | 5.798  | 0        | 17338238 | N.D.   | 0.953 #   |
| 15)                         | B Endosulfa...  | 6.774  | 6.074  | 1112445  | 13344924 | 0.356  | 0.762 #   |
| 16)                         | A 4,4'-DDD      | 6.711  | 0.000  | 3634061  | 0        | 1.445  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.183  | 317621   | 3718708  | 0.114  | 0.219 #   |
| 18)                         | B Endrin al...  | 6.928  | 6.255  | 1124064  | 2213059  | 0.487  | 0.166 #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.482  | 0        | 7554350  | N.D.   | 0.441 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.754  | 0        | 2097944  | N.D.   | 0.230 #   |
| 22)                         | Mirex           | 0.000  | 7.208f | 0        | 6744833  | N.D.   | 0.455 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.899  | 0        | 1831275  | N.D.   | 2.284 #   |
| 24)                         | Chlordane-2     | 5.260  | 4.510  | 239632   | 106.1E6  | 1.439  | 128.612 # |
| 25)                         | Chlordane-3     | 5.925f | 5.134  | 14890848 | 27358342 | 22.076 | 10.818 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.155f | 0        | 29815677 | N.D.   | 13.945 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.074f | 0        | 13344924 | N.D.   | 13.821 #  |
| -----                       |                 |        |        |          |          |        |           |

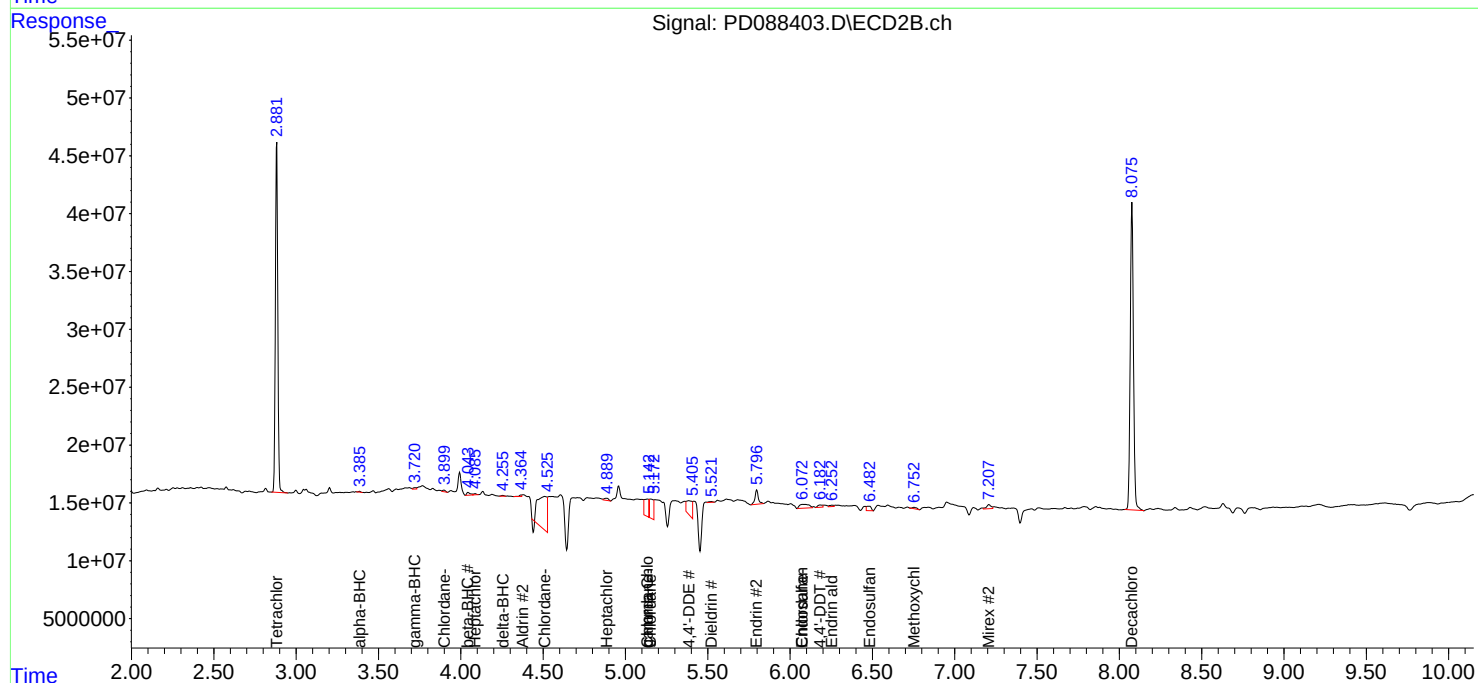
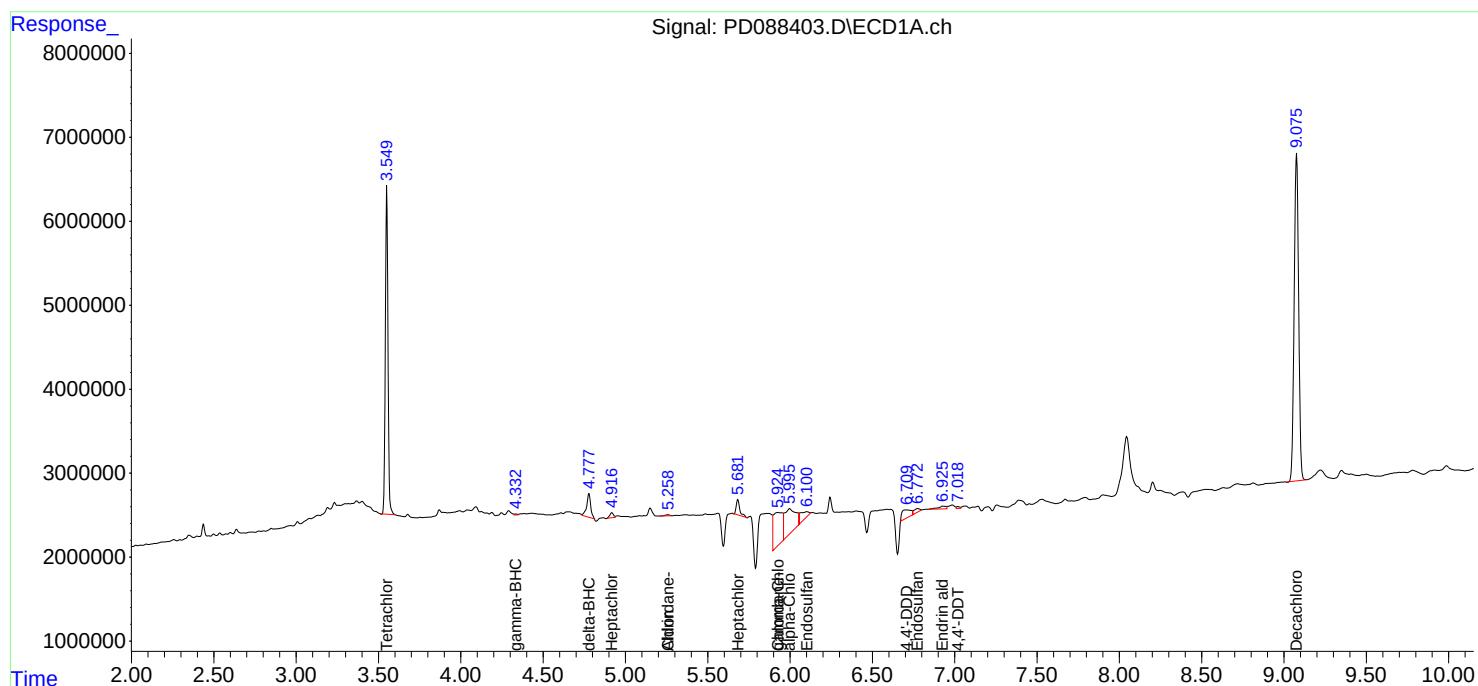
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

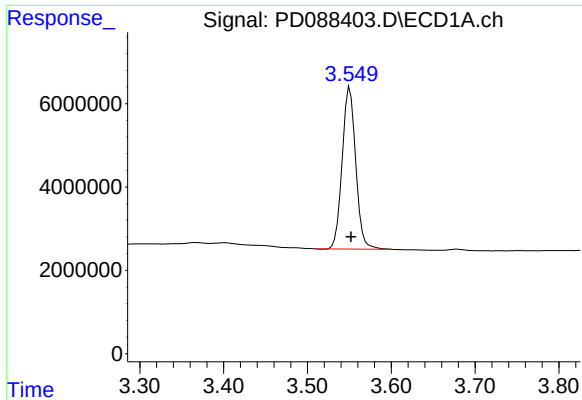
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050225\  
Data File : PD088403.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2025 15:44  
Operator : AR\AJ  
Sample : I.BLJK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 22:55:21 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  
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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

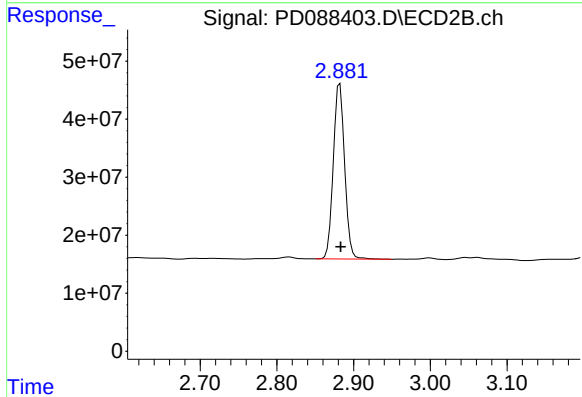




#1 Tetrachloro-m-xylene

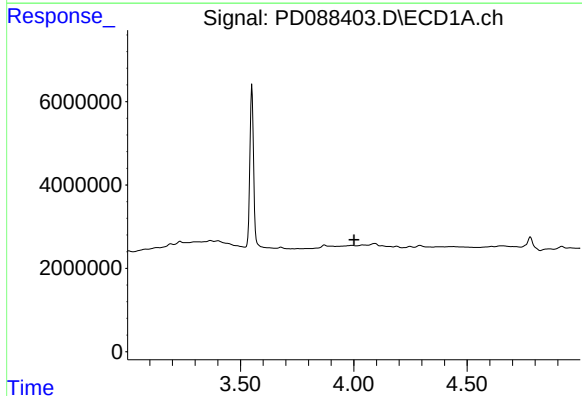
R.T.: 3.551 min  
Delta R.T.: -0.001 min  
Response: 43708663  
Conc: 21.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



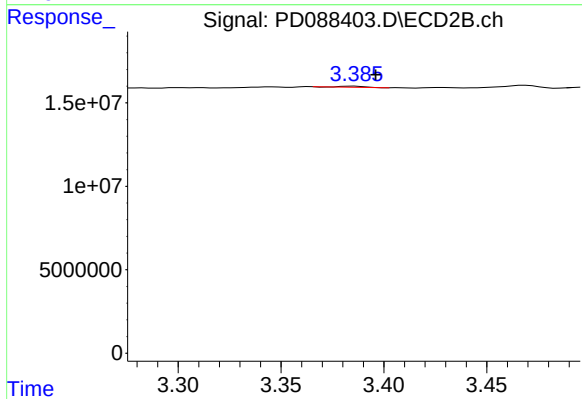
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 310125677  
Conc: 21.21 ng/ml



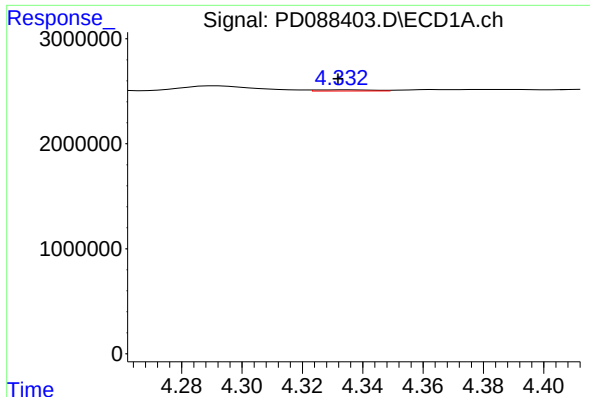
#2 alpha-BHC

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



#2 alpha-BHC

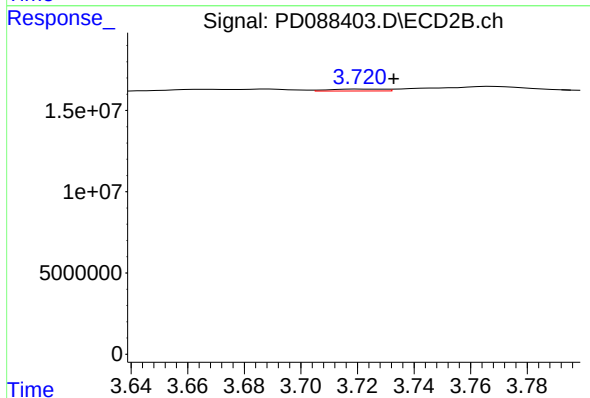
R.T.: 3.386 min  
Delta R.T.: -0.010 min  
Response: 503849  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

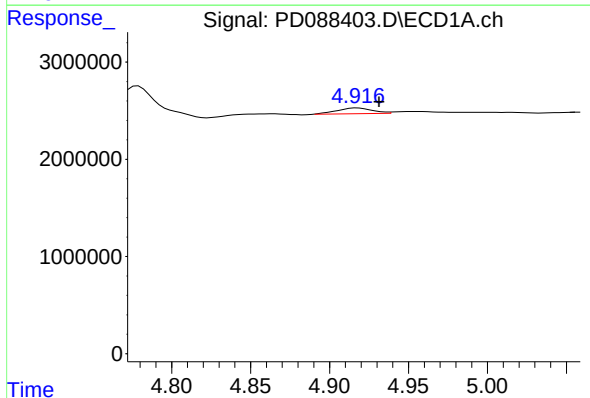
R.T.: 4.334 min  
Delta R.T.: 0.002 min  
Response: 154197  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



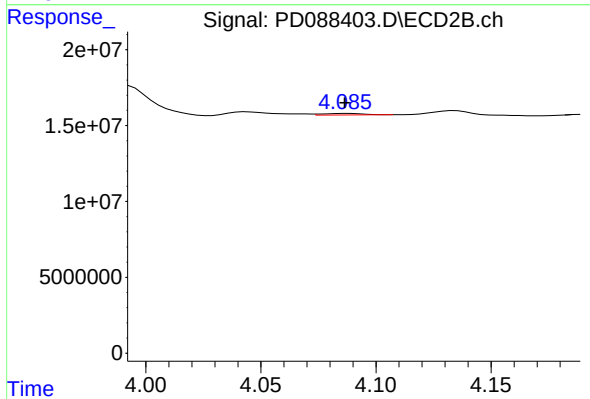
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: -0.010 min  
Response: 1590962  
Conc: 0.07 ng/ml



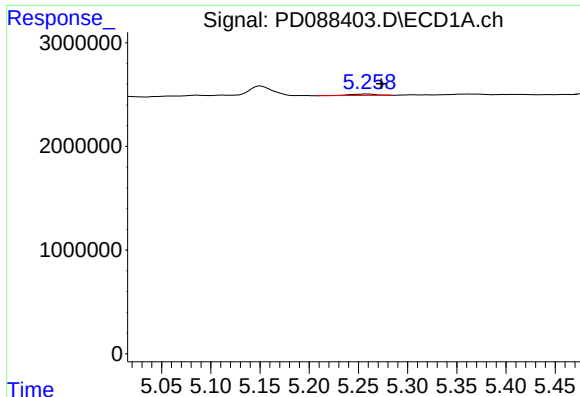
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.014 min  
Response: 916741  
Conc: 0.23 ng/ml



#4 Heptachlor

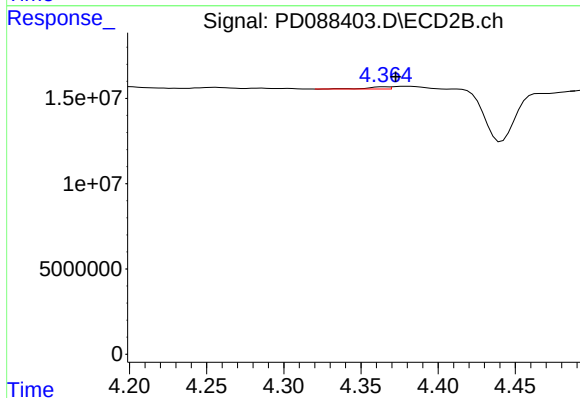
R.T.: 4.088 min  
Delta R.T.: 0.001 min  
Response: 1205800  
Conc: 0.06 ng/ml



#5 Aldrin

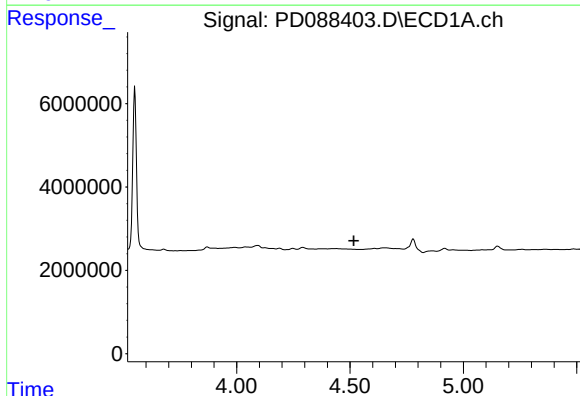
R.T.: 5.260 min  
Delta R.T.: -0.014 min  
Response: 239632  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



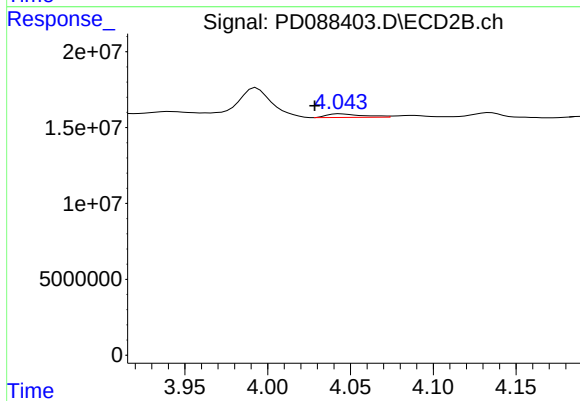
#5 Aldrin

R.T.: 4.366 min  
Delta R.T.: -0.007 min  
Response: 1299203  
Conc: 0.06 ng/ml



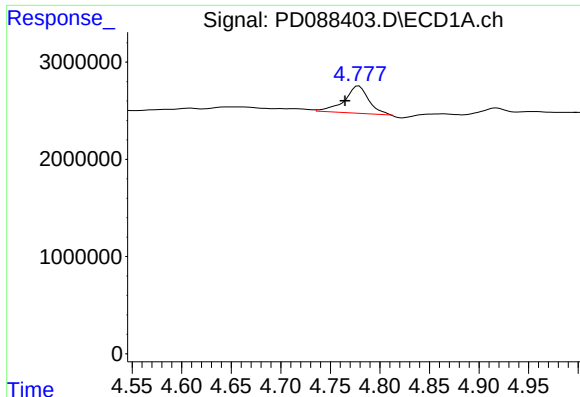
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.516 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

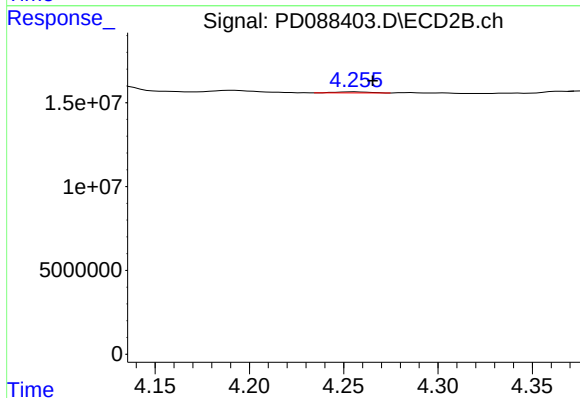
R.T.: 4.044 min  
Delta R.T.: 0.016 min  
Response: 3560964  
Conc: 0.38 ng/ml



#7 delta-BHC

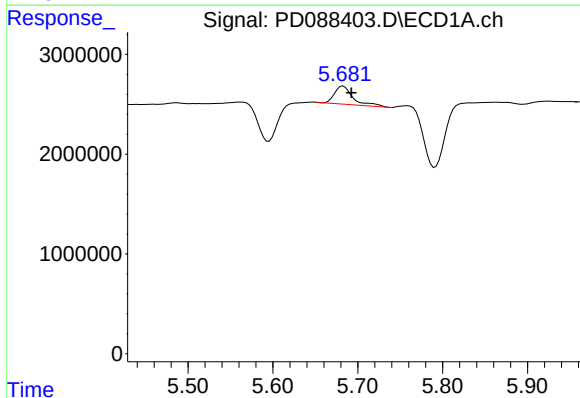
R.T.: 4.779 min  
Delta R.T.: 0.014 min  
Response: 4756494  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



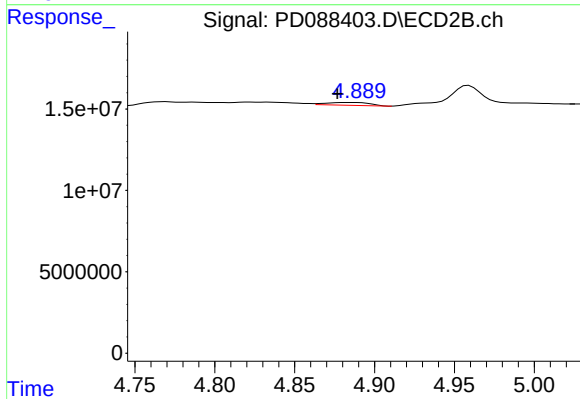
#7 delta-BHC

R.T.: 4.256 min  
Delta R.T.: -0.009 min  
Response: 775752  
Conc: 0.04 ng/ml



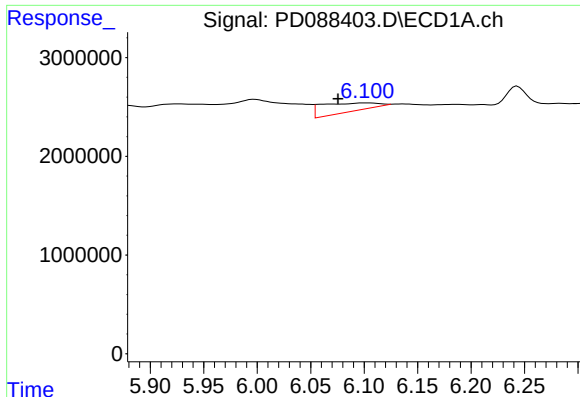
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.010 min  
Response: 2754319  
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

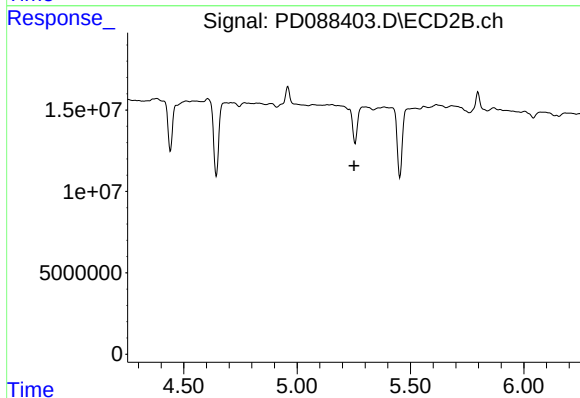
R.T.: 4.887 min  
Delta R.T.: 0.010 min  
Response: 3302089  
Conc: 0.17 ng/ml



#9 Endosulfan I

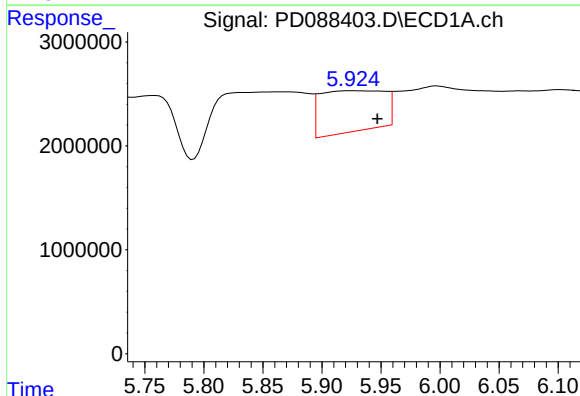
R.T.: 6.102 min  
Delta R.T.: 0.026 min  
Response: 3161321  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



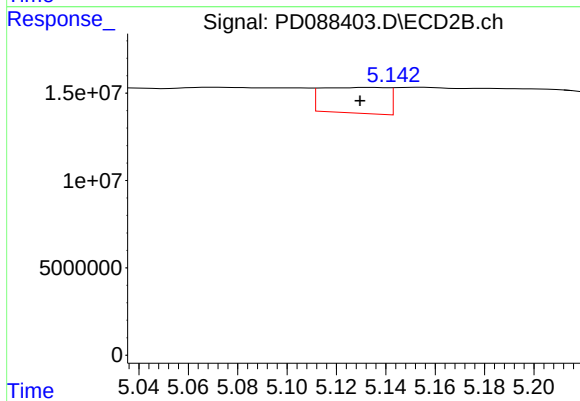
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.251 min  
Response: 0  
Conc: N.D.



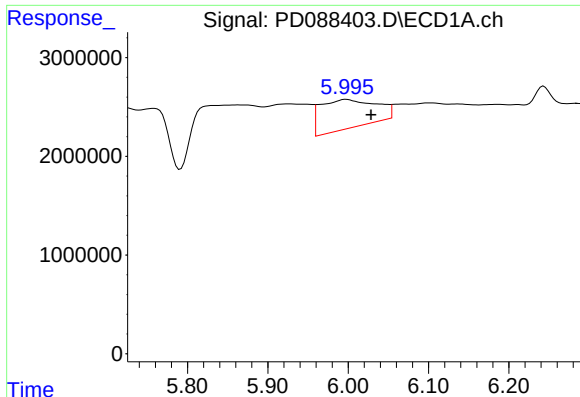
#10 gamma-Chlordane

R.T.: 5.925 min  
Delta R.T.: -0.022 min  
Response: 14890848  
Conc: 4.11 ng/ml



#10 gamma-Chlordane

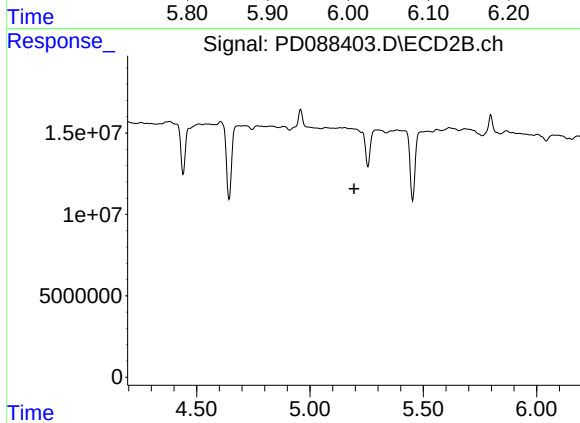
R.T.: 5.134 min  
Delta R.T.: 0.005 min  
Response: 27358342  
Conc: 1.35 ng/ml



#11 alpha-Chlordane

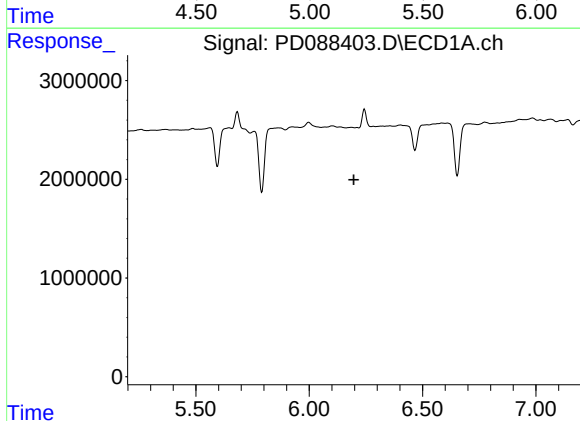
R.T.: 5.997 min  
Delta R.T.: -0.031 min  
Response: 14036250  
Conc: 3.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



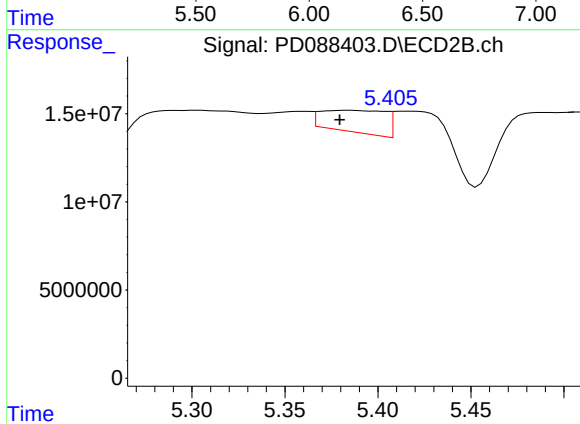
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.194 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

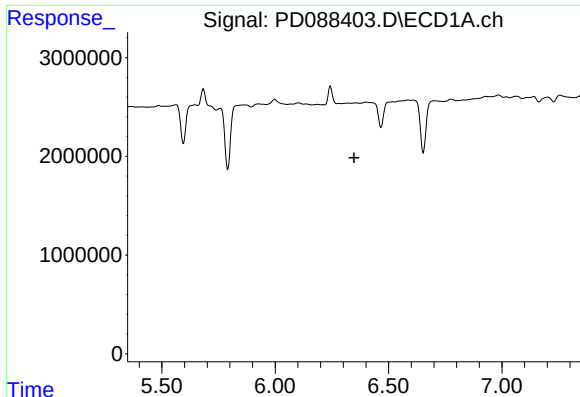
R.T.: 0.000 min  
Exp R.T. : 6.197 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.385 min  
Delta R.T.: 0.005 min  
Response: 29884099  
Conc: 1.52 ng/ml

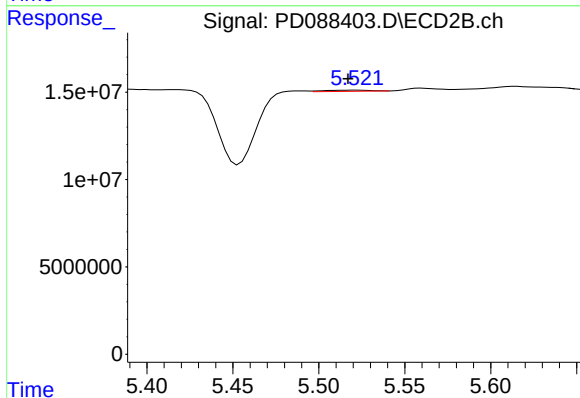




#13 Dieldrin

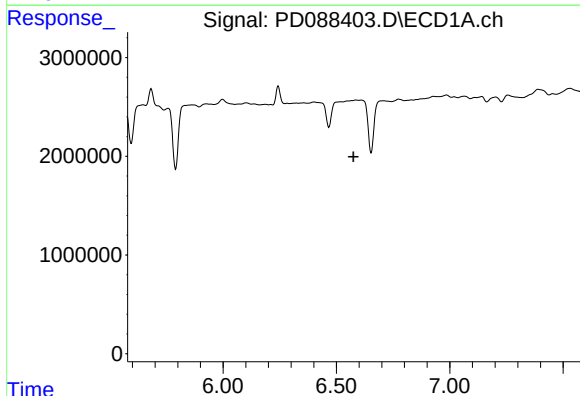
R.T.: 0.000 min  
Exp R.T.: 6.349 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



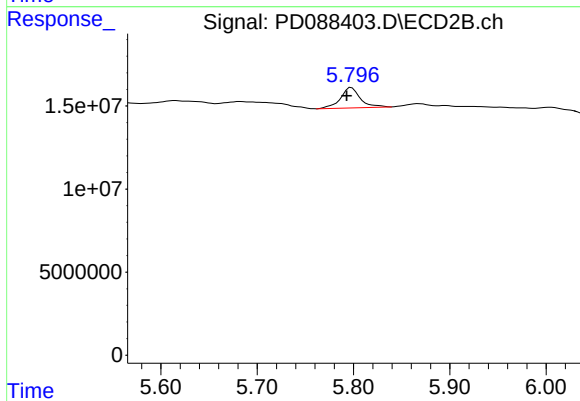
#13 Dieldrin

R.T.: 5.522 min  
Delta R.T.: 0.005 min  
Response: 1244578  
Conc: 0.06 ng/ml



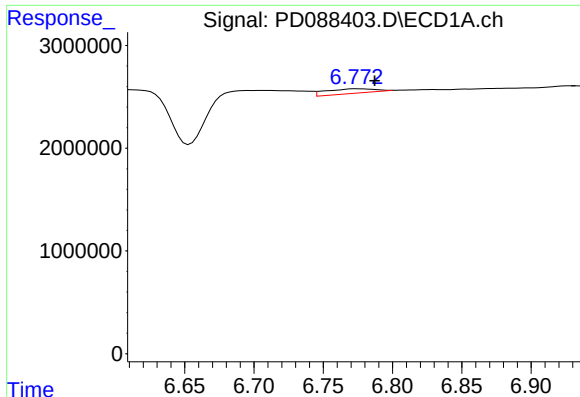
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.576 min  
Response: 0  
Conc: N.D.



#14 Endrin

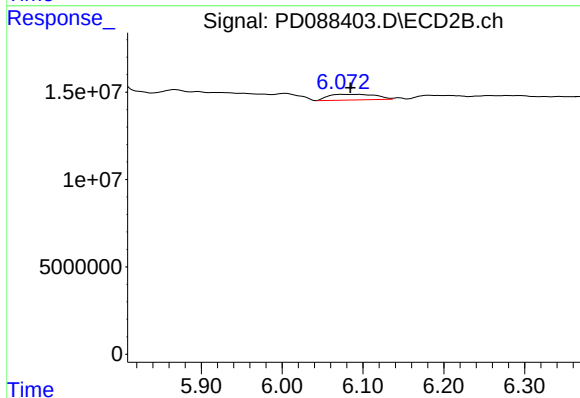
R.T.: 5.798 min  
Delta R.T.: 0.005 min  
Response: 17338238  
Conc: 0.95 ng/ml



#15 Endosulfan II

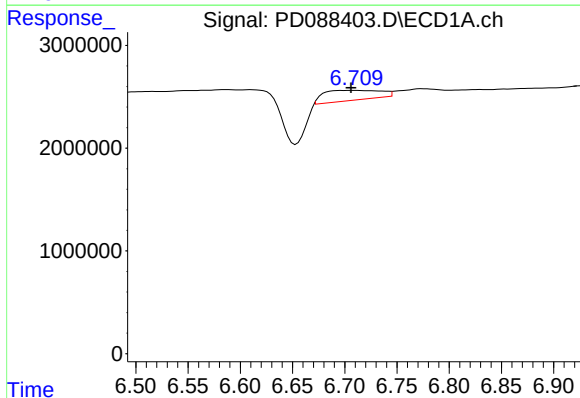
R.T.: 6.774 min  
Delta R.T.: -0.013 min  
Response: 1112445  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



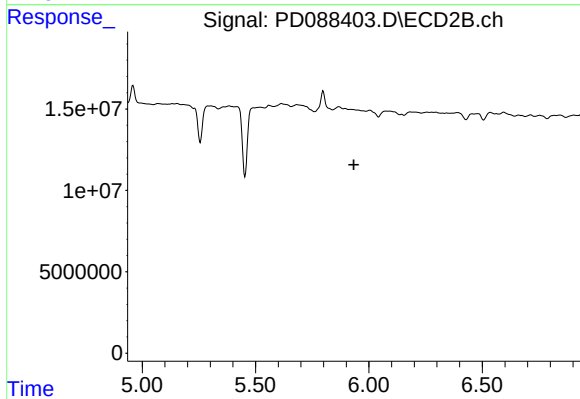
#15 Endosulfan II

R.T.: 6.074 min  
Delta R.T.: -0.010 min  
Response: 13344924  
Conc: 0.76 ng/ml



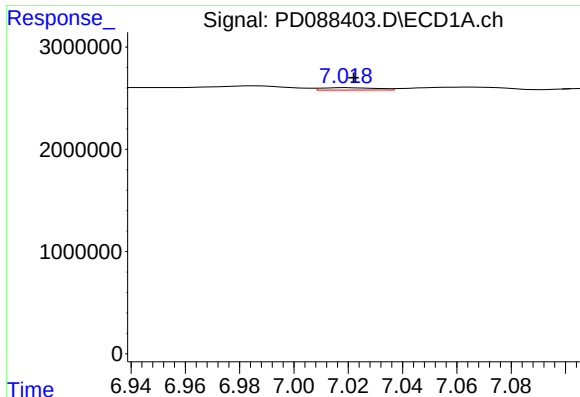
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.005 min  
Response: 3634061  
Conc: 1.44 ng/ml



#16 4,4'-DDD

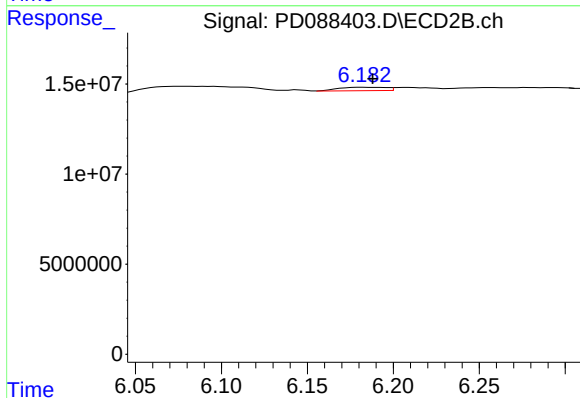
R.T.: 0.000 min  
Exp R.T.: 5.934 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

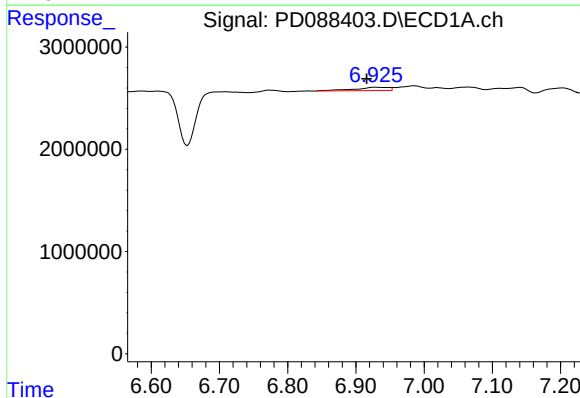
R.T.: 7.019 min  
Delta R.T.: -0.003 min  
Response: 317621  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



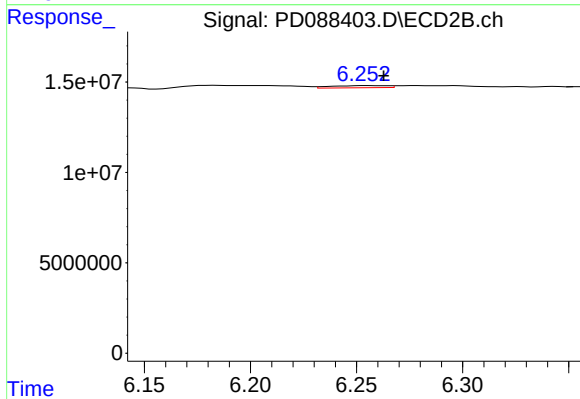
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: -0.005 min  
Response: 3718708  
Conc: 0.22 ng/ml



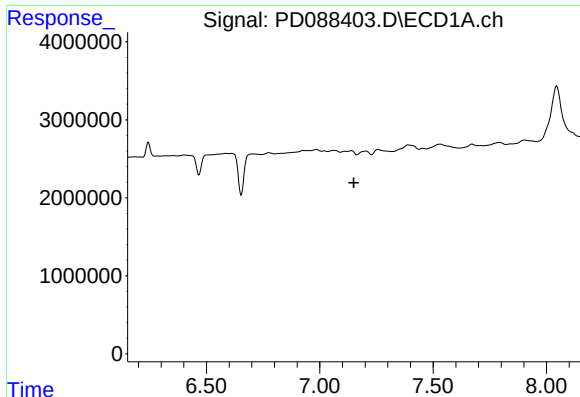
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.012 min  
Response: 1124064  
Conc: 0.49 ng/ml



#18 Endrin aldehyde

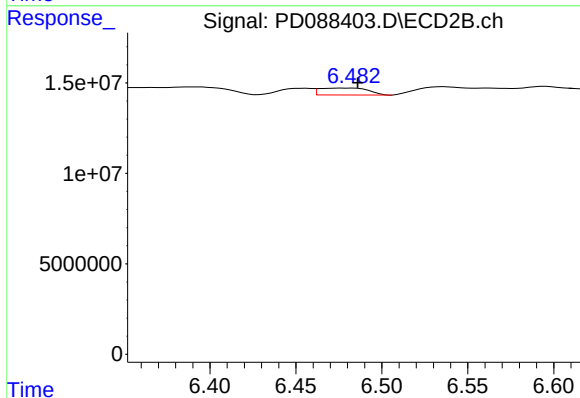
R.T.: 6.255 min  
Delta R.T.: -0.008 min  
Response: 2213059  
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

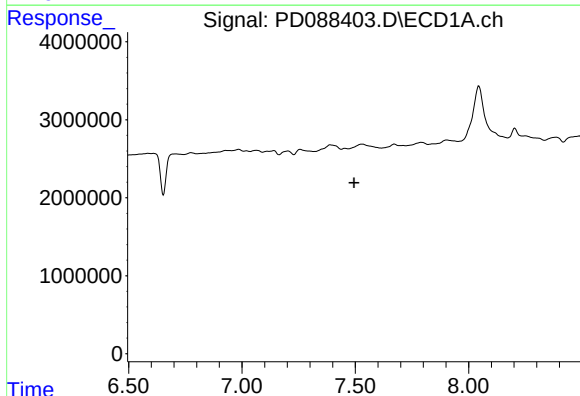
R.T.: 0.000 min  
Exp R.T.: 7.150 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



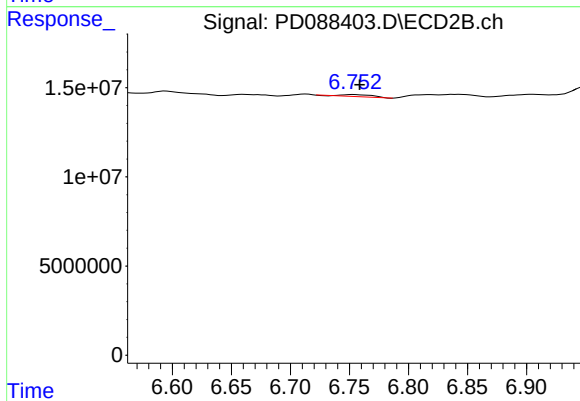
#19 Endosulfan Sulfate

R.T.: 6.482 min  
Delta R.T.: -0.004 min  
Response: 7554350  
Conc: 0.44 ng/ml



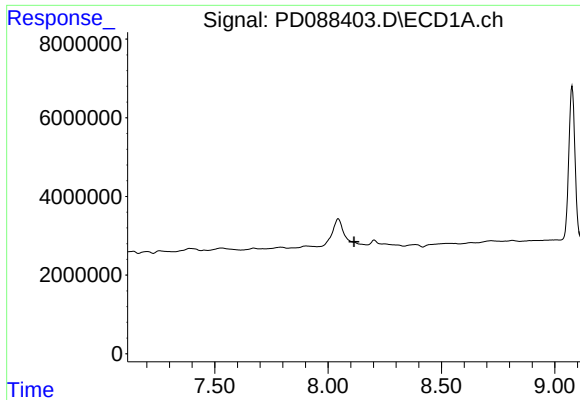
#20 Methoxychlor

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



#20 Methoxychlor

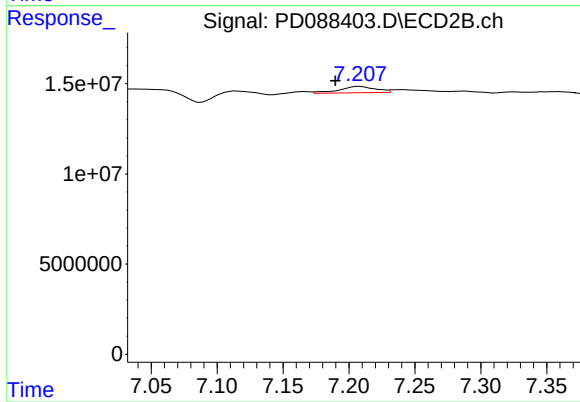
R.T.: 6.754 min  
Delta R.T.: -0.005 min  
Response: 2097944  
Conc: 0.23 ng/ml



#22 Mirex

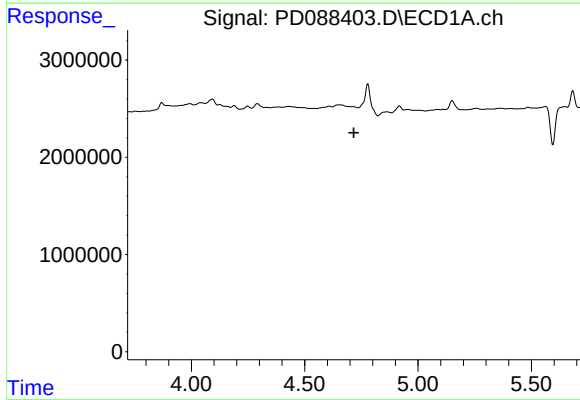
R.T.: 0.000 min  
Exp R.T.: 8.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



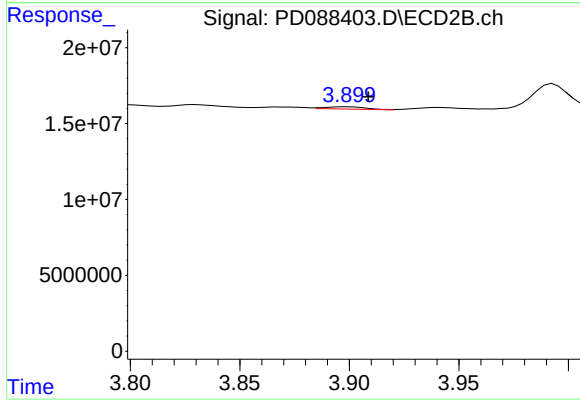
#22 Mirex

R.T.: 7.208 min  
Delta R.T.: 0.018 min  
Response: 6744833  
Conc: 0.46 ng/ml



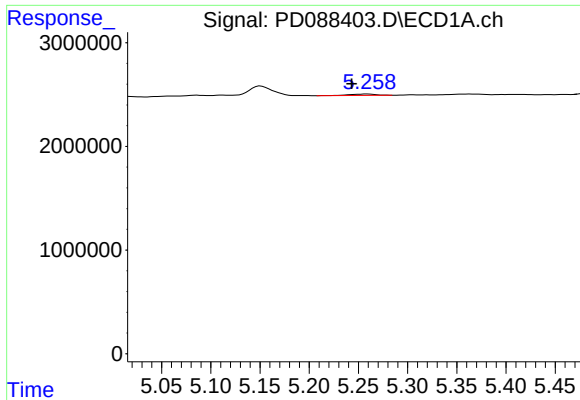
#23 Chlordane-1

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



#23 Chlordane-1

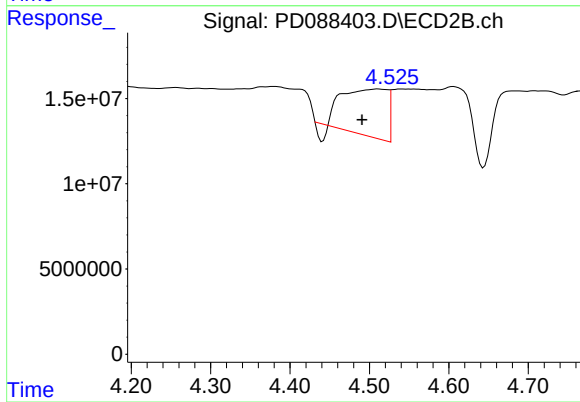
R.T.: 3.899 min  
Delta R.T.: -0.010 min  
Response: 1831275  
Conc: 2.28 ng/ml



#24 Chlordane-2

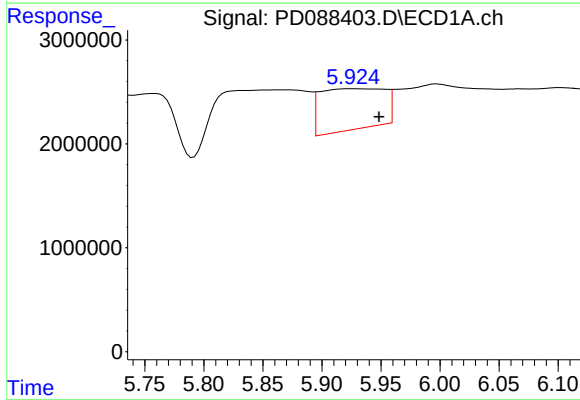
R.T.: 5.260 min  
Delta R.T.: 0.017 min  
Response: 239632  
Conc: 1.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



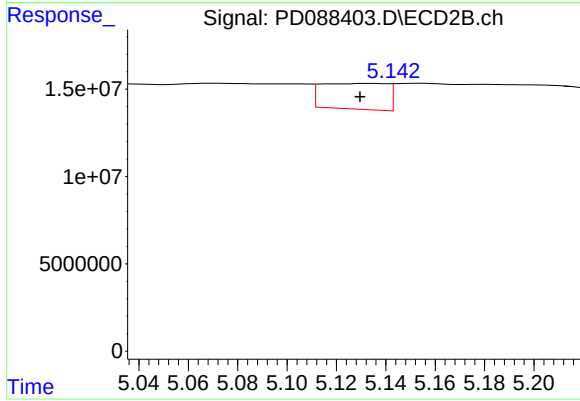
#24 Chlordane-2

R.T.: 4.510 min  
Delta R.T.: 0.020 min  
Response: 106143918  
Conc: 128.61 ng/ml



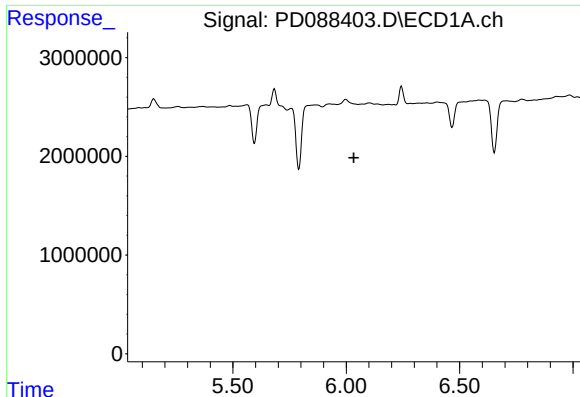
#25 Chlordane-3

R.T.: 5.925 min  
Delta R.T.: -0.023 min  
Response: 14890848  
Conc: 22.08 ng/ml



#25 Chlordane-3

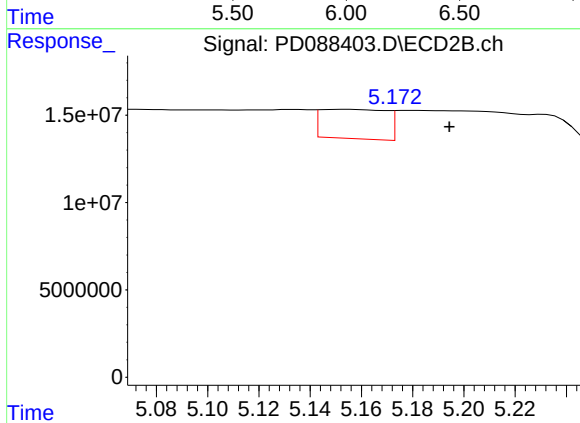
R.T.: 5.134 min  
Delta R.T.: 0.005 min  
Response: 27358342  
Conc: 10.82 ng/ml



#26 Chlordane-4

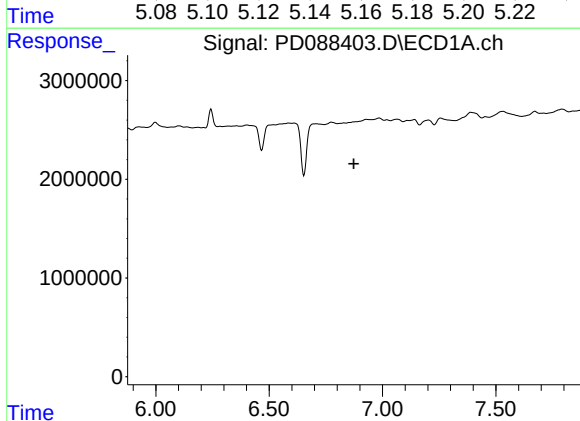
R.T.: 0.000 min  
Exp R.T.: 6.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



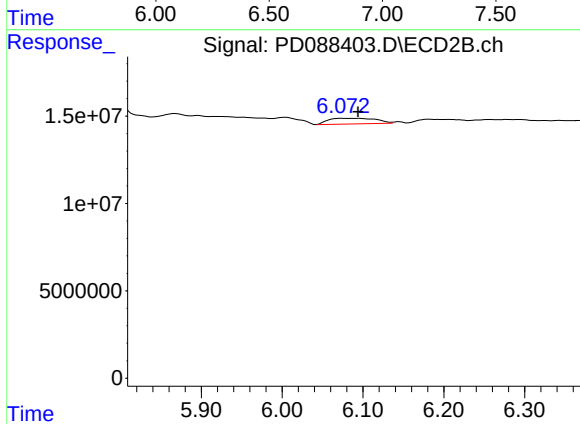
#26 Chlordane-4

R.T.: 5.155 min  
Delta R.T.: -0.040 min  
Response: 29815677  
Conc: 13.94 ng/ml



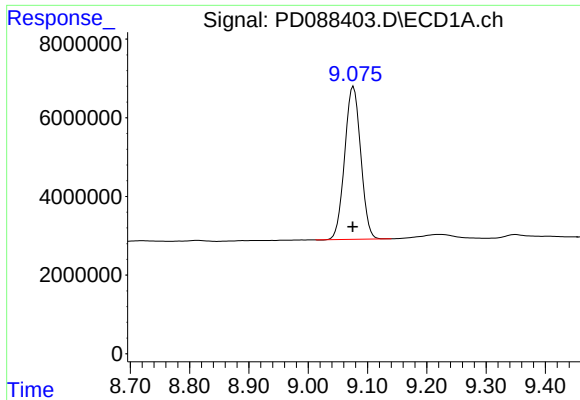
#27 Chlordane-5

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



#27 Chlordane-5

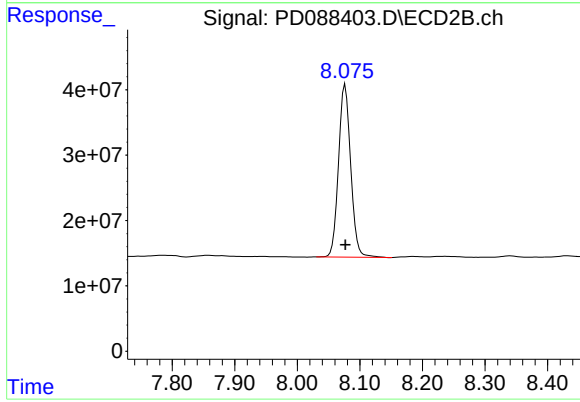
R.T.: 6.074 min  
Delta R.T.: -0.020 min  
Response: 13344924  
Conc: 13.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: 0.002 min  
Response: 73192897  
Conc: 22.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 8.076 min  
Delta R.T.: 0.000 min  
Response: 358812752  
Conc: 19.42 ng/ml