

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050825\  
 Data File : PD088432.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 May 2025 16:33  
 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: May 09 02:03:51 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... | 3.557  | 2.881  | 33662799 | 244.8E6 | 16.853 | 16.745  |
| 2)                          | SA Decachlor... | 9.083  | 8.078  | 64269204 | 360.6E6 | 19.428 | 19.516  |
| Target Compounds            |                 |        |        |          |         |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.384  | 0        | 93343   | N.D.   | 0.004 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.748f | 0        | 1579685 | N.D.   | 0.073 # |
| 4)                          | MA Heptachlor   | 4.925  | 4.090  | 763031   | 541928  | 0.189  | 0.025 # |
| 5)                          | MB Aldrin       | 0.000  | 4.370  | 0        | 2954346 | N.D.   | 0.142 # |
| 6)                          | B beta-BHC      | 0.000  | 4.042  | 0        | 2844173 | N.D.   | 0.307 # |
| 7)                          | B delta-BHC     | 4.786f | 4.259  | 5329131  | 730768  | 1.292  | 0.034 # |
| 8)                          | B Heptachlo...  | 5.691  | 4.884  | 952764   | 1027910 | 0.267  | 0.054 # |
| 9)                          | A Endosulfan I  | 6.078  | 0.000  | 293041   | 0       | 0.087  | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.950  | 5.137  | 1790826  | 7530070 | 0.494  | 0.371   |
| 11)                         | B alpha-Chl...  | 6.010f | 0.000  | 3048025  | 0       | 0.844  | N.D. #  |
| 12)                         | B 4,4'-DDE      | 6.220f | 5.383  | -110028  | 961762  | N.D.   | 0.049   |
| 14)                         | MA Endrin       | 6.600f | 5.798  | 47373    | 7665020 | 0.016  | 0.421 # |
| 15)                         | B Endosulfa...  | 6.774  | 6.081  | 1317086  | 2366758 | 0.421  | 0.135 # |
| 16)                         | A 4,4'-DDD      | 6.732f | 5.942  | 1210999  | 73943   | 0.482  | 0.005 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.191  | 0        | 4924064 | N.D.   | 0.289 # |
| 18)                         | B Endrin al...  | 6.940f | 6.262  | 216536   | 1085393 | 0.094  | 0.082   |
| 19)                         | B Endosulfa...  | 0.000  | 6.477  | 0        | 5703841 | N.D.   | 0.333 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.755  | 0        | 2061644 | N.D.   | 0.226 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.994  | 0        | 1639831 | N.D.   | 0.088 # |
| 22)                         | Mirex           | 8.128  | 7.171f | 166817   | 5480900 | 0.071  | 0.370 # |
| 23)                         | Chlordane-1     | 0.000  | 3.898  | 0        | 1469190 | N.D.   | 1.833 # |
| 24)                         | Chlordane-2     | 0.000  | 4.515f | 0        | 6158780 | N.D.   | 7.462 # |
| 25)                         | Chlordane-3     | 5.950  | 5.137  | 1790826  | 7530070 | 2.655  | 2.977   |
| 26)                         | Chlordane-4     | 6.010f | 0.000  | 3048025  | 0       | 3.738  | N.D. #  |
| 27)                         | Chlordane-5     | 0.000  | 6.102  | 0        | 3005311 | N.D.   | 3.113 # |
| -----                       |                 |        |        |          |         |        |         |

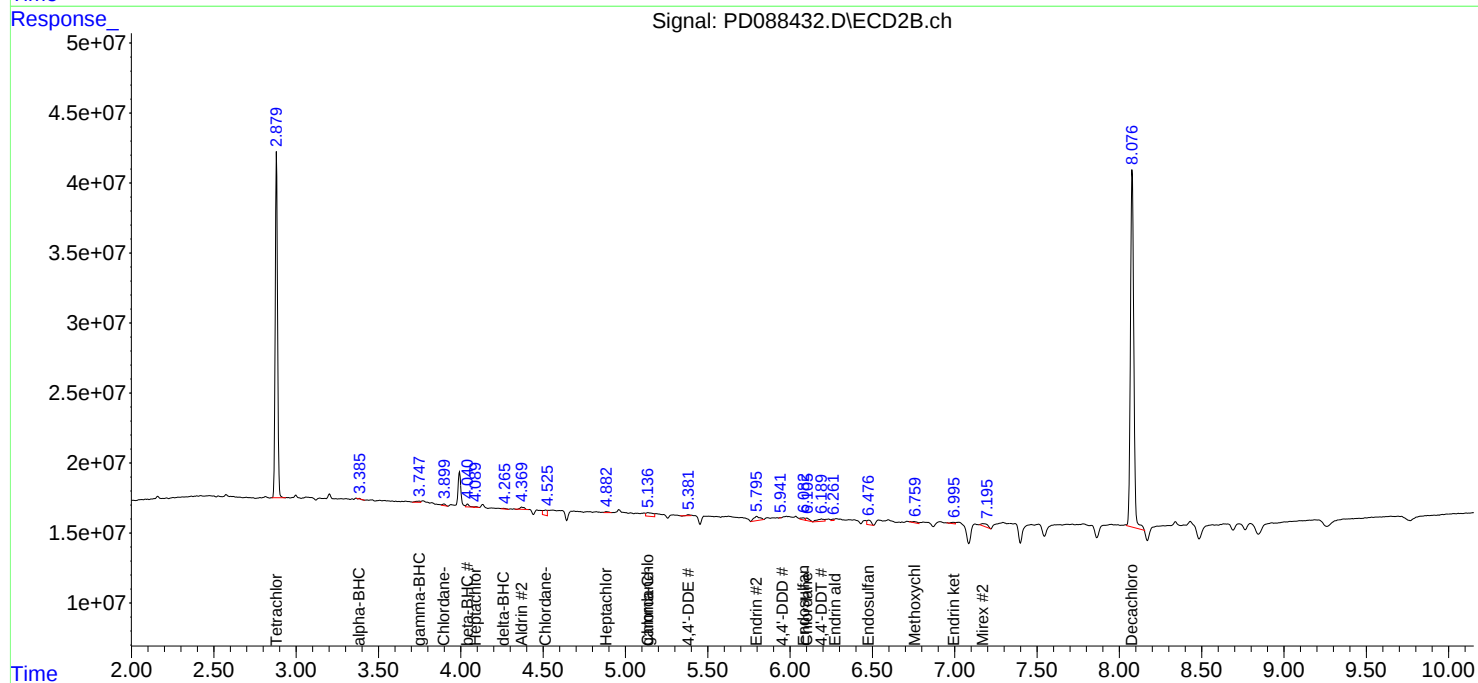
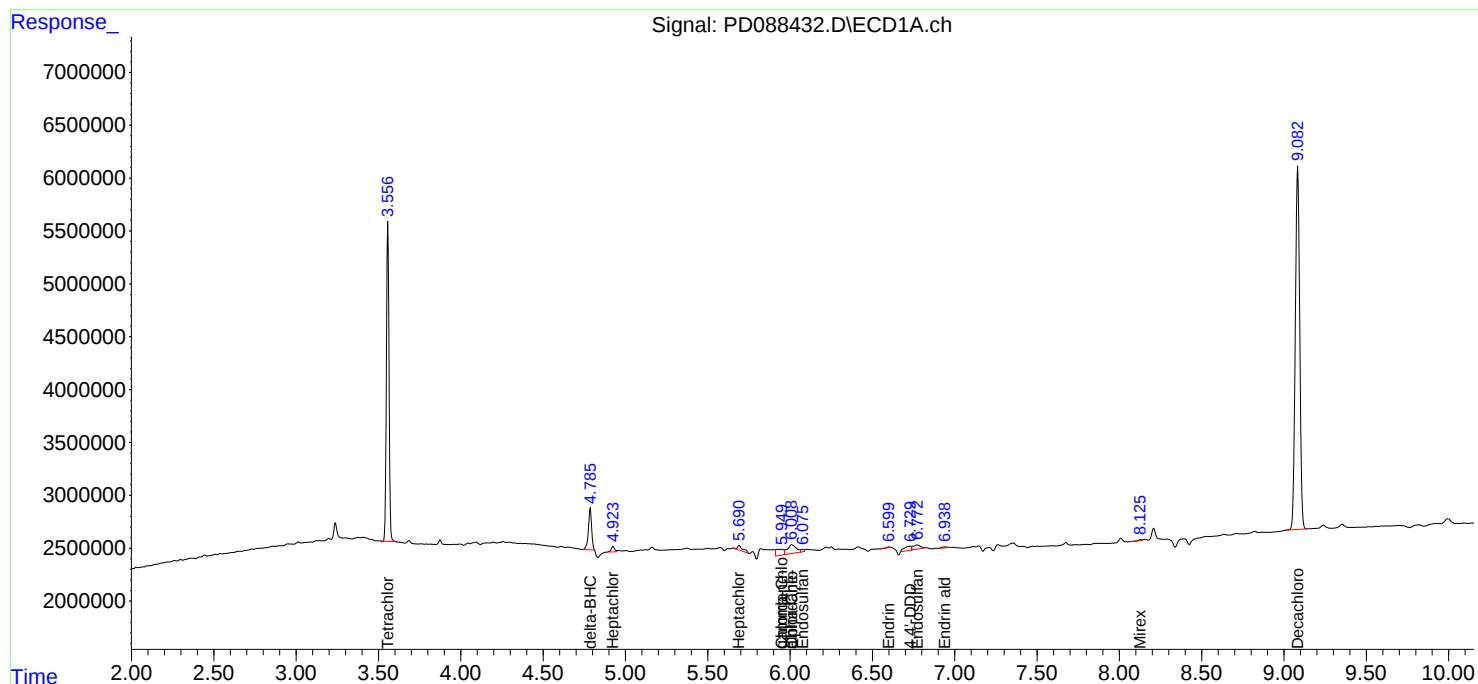
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

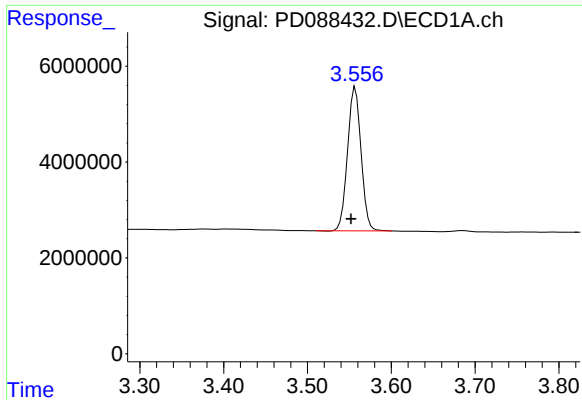
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050825\  
Data File : PD088432.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 May 2025 16:33  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 09 02:03:51 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

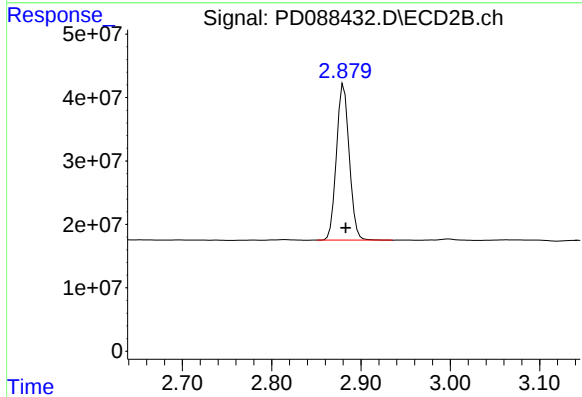




#1 Tetrachloro-m-xylene

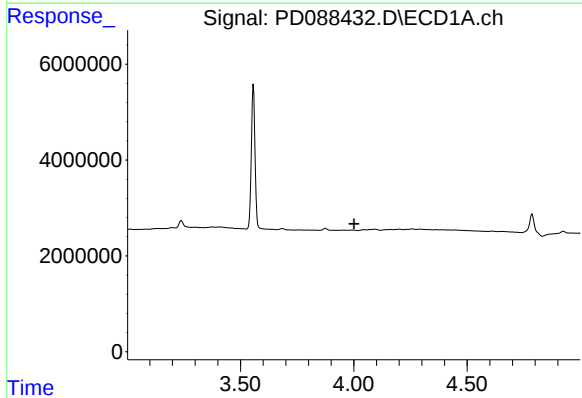
R.T.: 3.557 min  
Delta R.T.: 0.005 min  
Response: 33662799  
Conc: 16.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



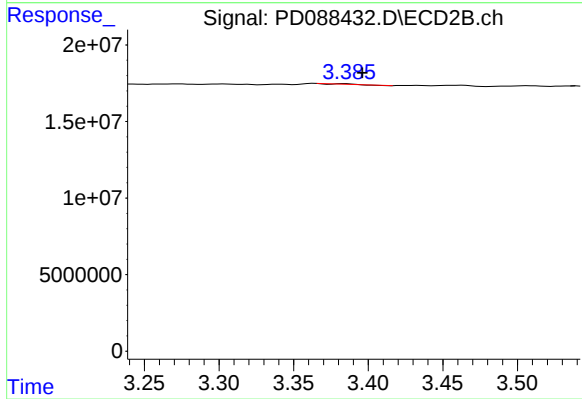
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: -0.002 min  
Response: 244838997  
Conc: 16.74 ng/ml



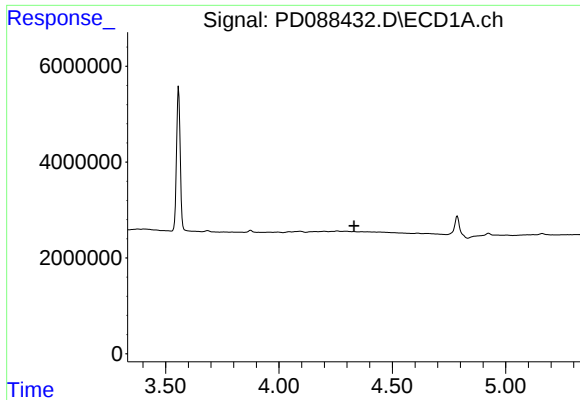
#2 alpha-BHC

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



#2 alpha-BHC

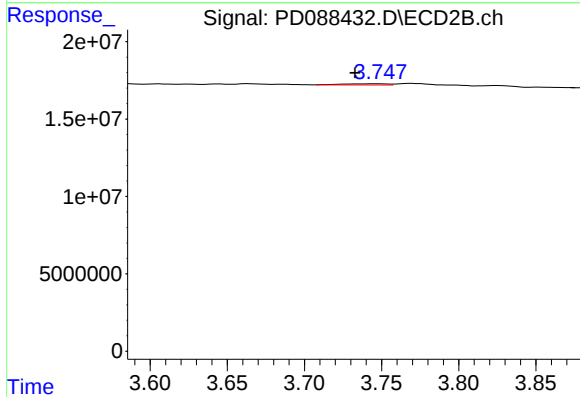
R.T.: 3.384 min  
Delta R.T.: -0.012 min  
Response: 93343  
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

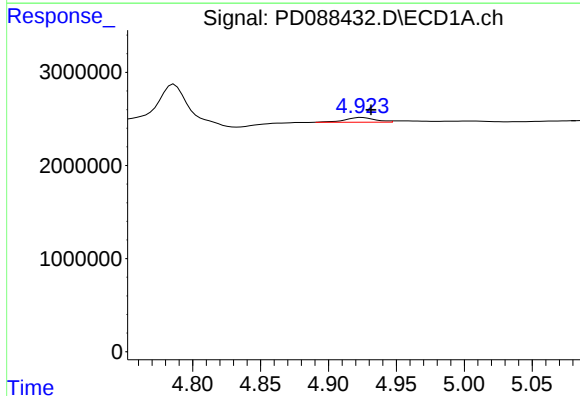
R.T.: 0.000 min  
Exp R.T.: 4.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



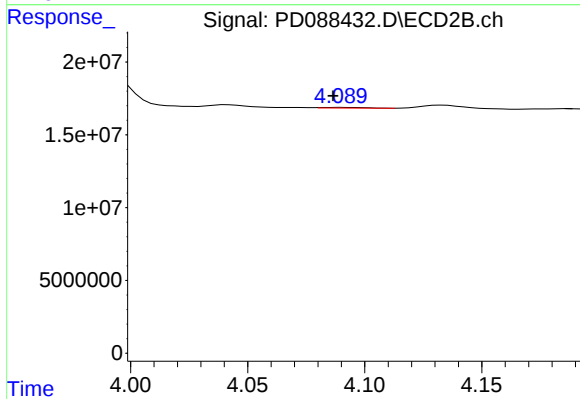
#3 gamma-BHC (Lindane)

R.T.: 3.748 min  
Delta R.T.: 0.016 min  
Response: 1579685  
Conc: 0.07 ng/ml



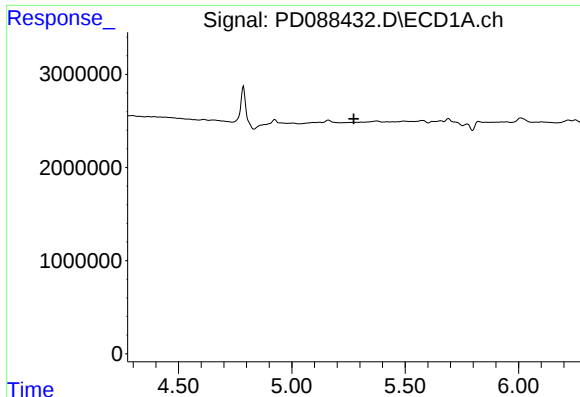
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.007 min  
Response: 763031  
Conc: 0.19 ng/ml



#4 Heptachlor

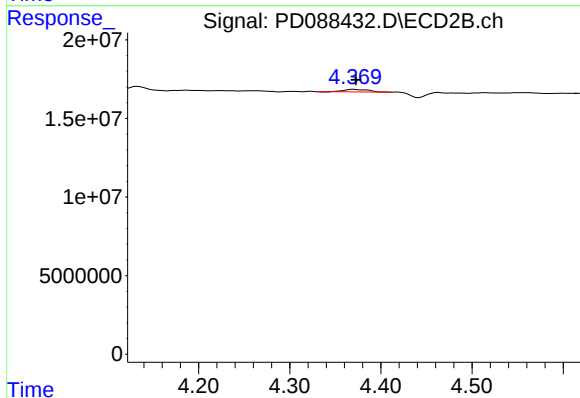
R.T.: 4.090 min  
Delta R.T.: 0.003 min  
Response: 541928  
Conc: 0.03 ng/ml



#5 Aldrin

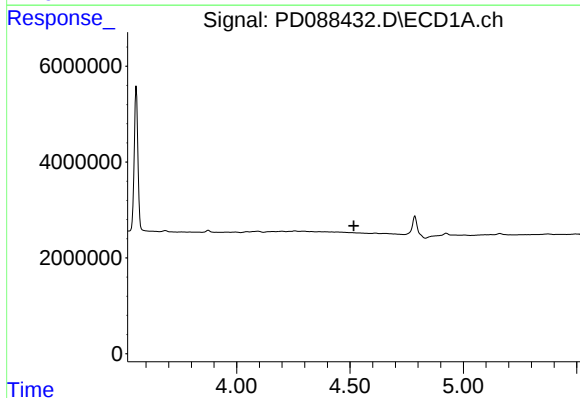
R.T.: 0.000 min  
Exp R.T.: 5.273 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



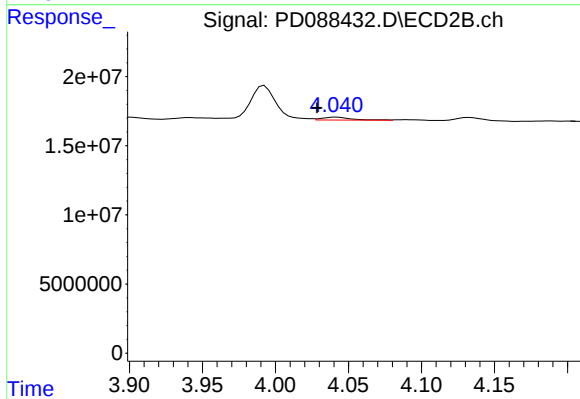
#5 Aldrin

R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 2954346  
Conc: 0.14 ng/ml



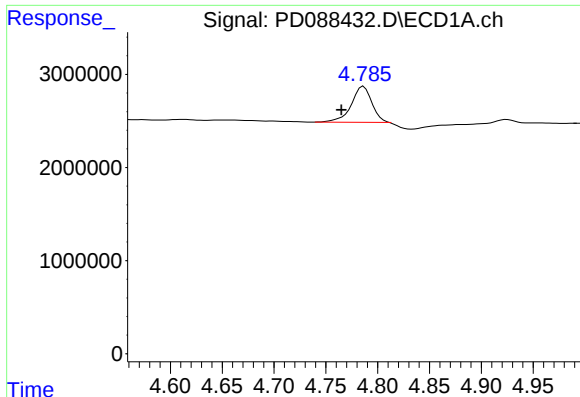
#6 beta-BHC

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



#6 beta-BHC

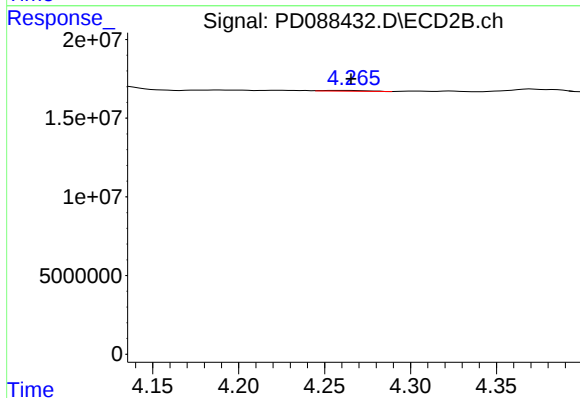
R.T.: 4.042 min  
Delta R.T.: 0.013 min  
Response: 2844173  
Conc: 0.31 ng/ml



#7 delta-BHC

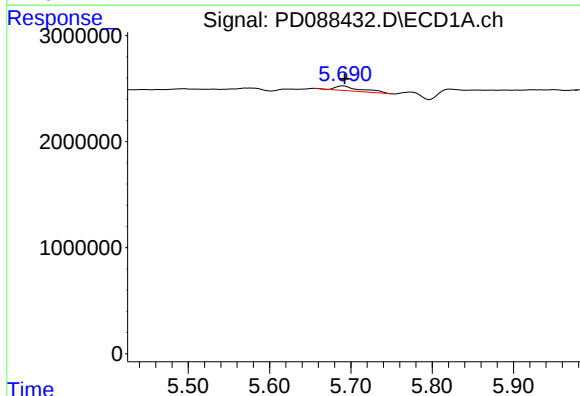
R.T.: 4.786 min  
Delta R.T.: 0.021 min  
Response: 5329131  
Conc: 1.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



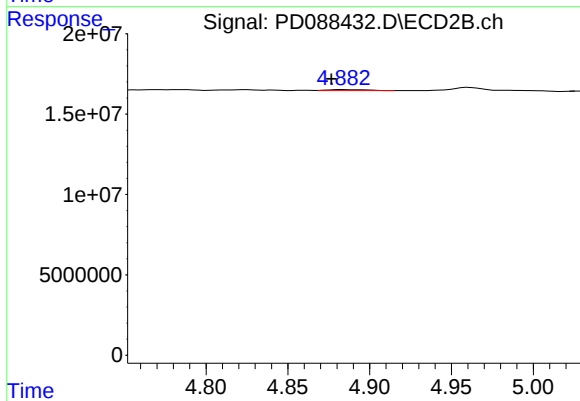
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: -0.007 min  
Response: 730768  
Conc: 0.03 ng/ml



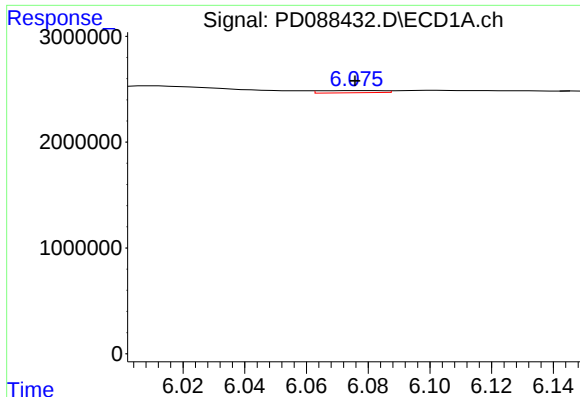
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.002 min  
Response: 952764  
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

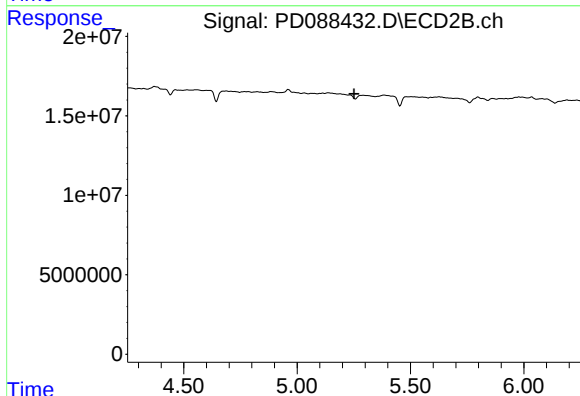
R.T.: 4.884 min  
Delta R.T.: 0.007 min  
Response: 1027910  
Conc: 0.05 ng/ml



#9 Endosulfan I

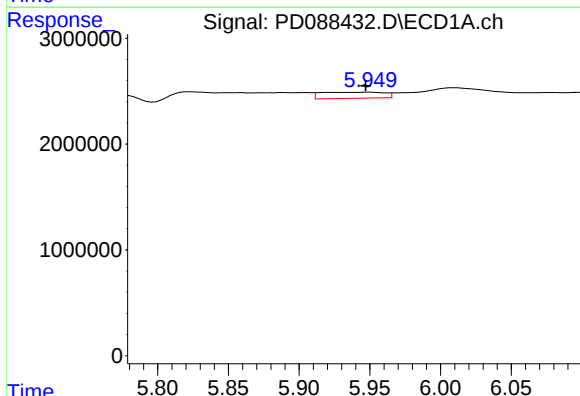
R.T.: 6.078 min  
Delta R.T.: 0.002 min  
Response: 293041  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



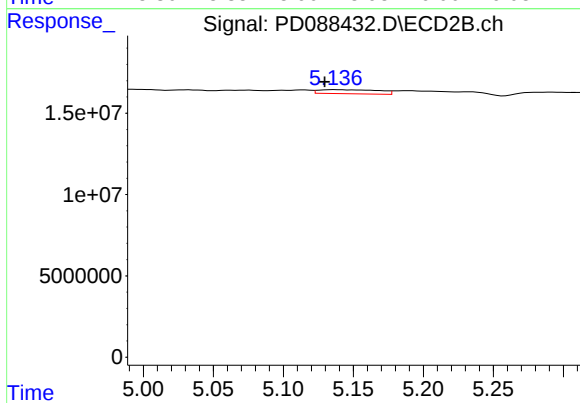
#9 Endosulfan I

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



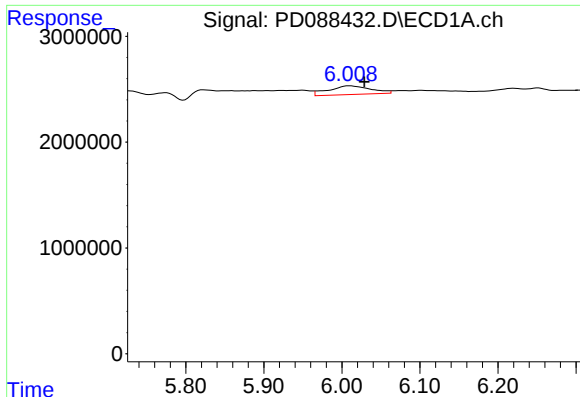
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.003 min  
Response: 1790826  
Conc: 0.49 ng/ml



#10 gamma-Chlordane

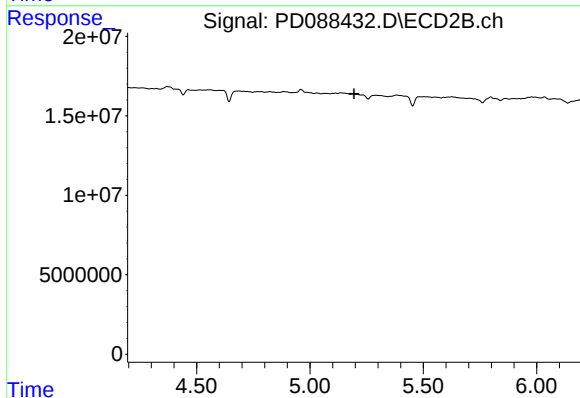
R.T.: 5.137 min  
Delta R.T.: 0.007 min  
Response: 7530070  
Conc: 0.37 ng/ml



#11 alpha-Chlordane

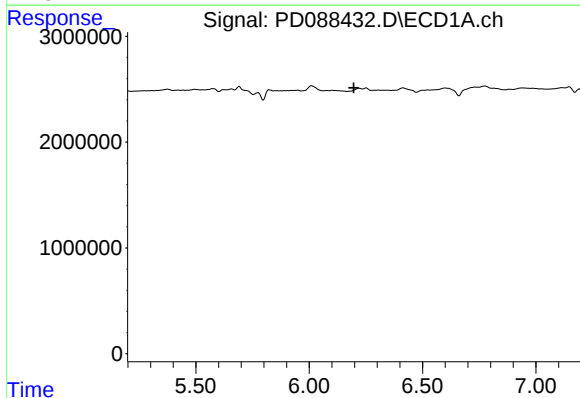
R.T.: 6.010 min  
Delta R.T.: -0.019 min  
Response: 3048025  
Conc: 0.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



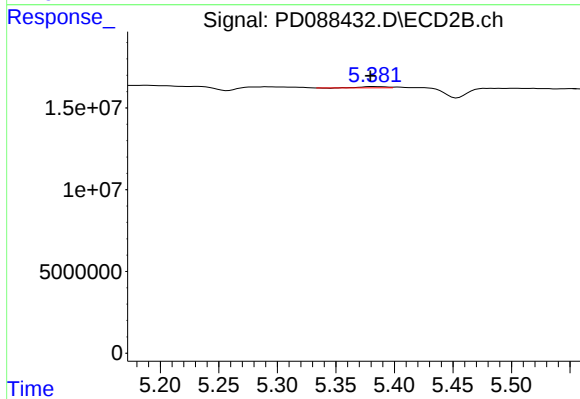
#11 alpha-Chlordane

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



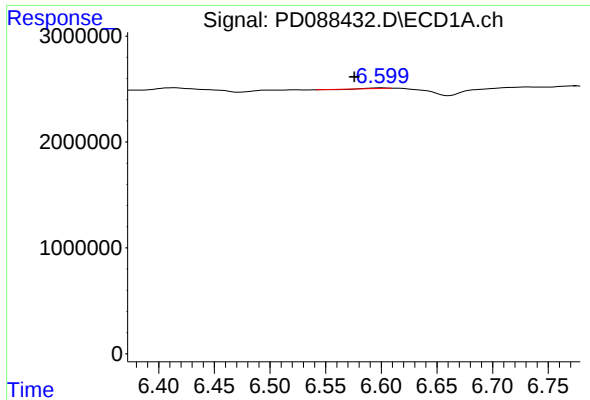
#12 4,4'-DDE

R.T.: 6.220 min  
Delta R.T.: 0.023 min  
Response: -110028  
Conc: N.D.



#12 4,4'-DDE

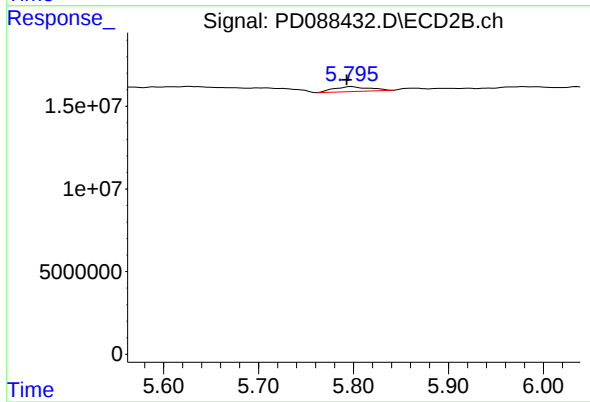
R.T.: 5.383 min  
Delta R.T.: 0.003 min  
Response: 961762  
Conc: 0.05 ng/ml



#14 Endrin

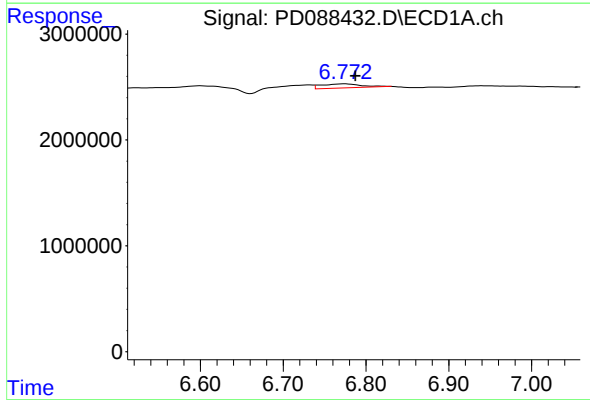
R.T.: 6.600 min  
Delta R.T.: 0.025 min  
Response: 47373  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



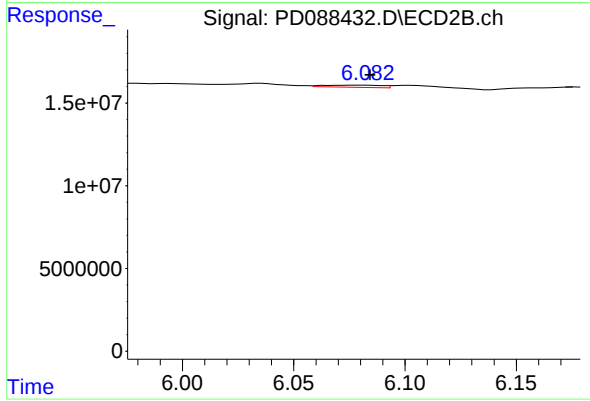
#14 Endrin

R.T.: 5.798 min  
Delta R.T.: 0.005 min  
Response: 7665020  
Conc: 0.42 ng/ml



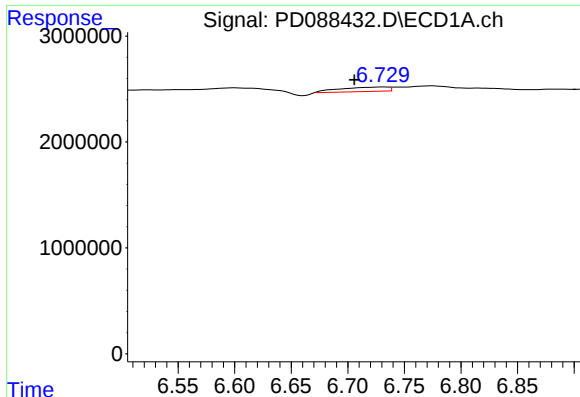
#15 Endosulfan II

R.T.: 6.774 min  
Delta R.T.: -0.013 min  
Response: 1317086  
Conc: 0.42 ng/ml



#15 Endosulfan II

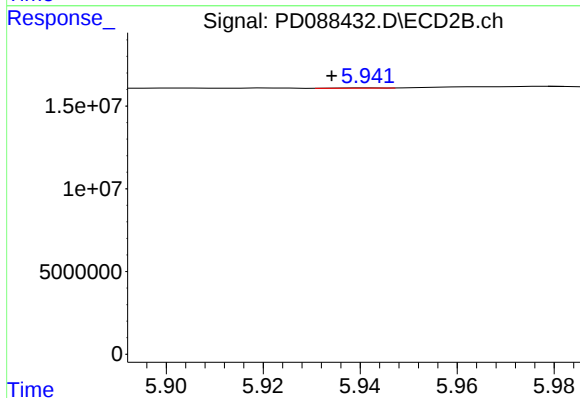
R.T.: 6.081 min  
Delta R.T.: -0.004 min  
Response: 2366758  
Conc: 0.14 ng/ml



#16 4,4'-DDD

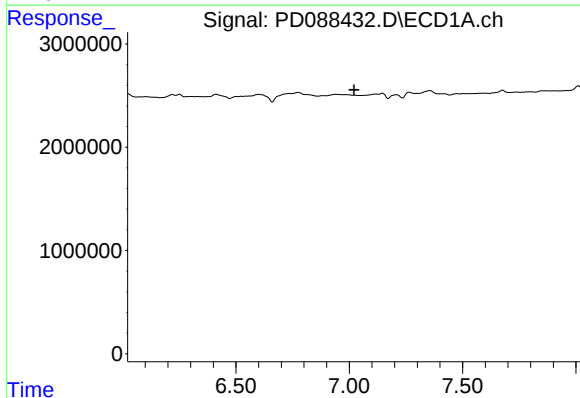
R.T.: 6.732 min  
Delta R.T.: 0.026 min  
Response: 1210999  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



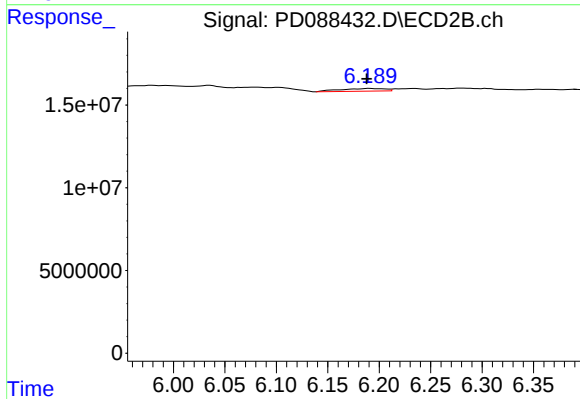
#16 4,4'-DDD

R.T.: 5.942 min  
Delta R.T.: 0.008 min  
Response: 73943  
Conc: 0.00 ng/ml



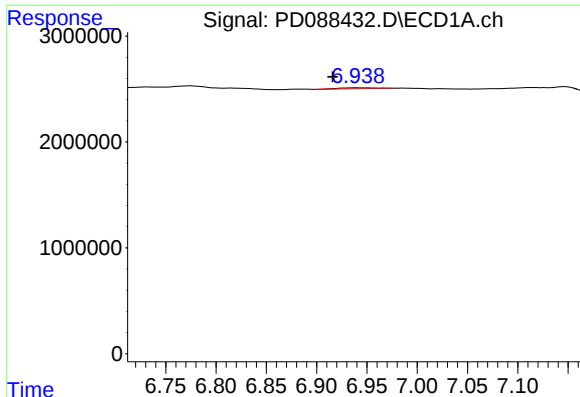
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.022 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

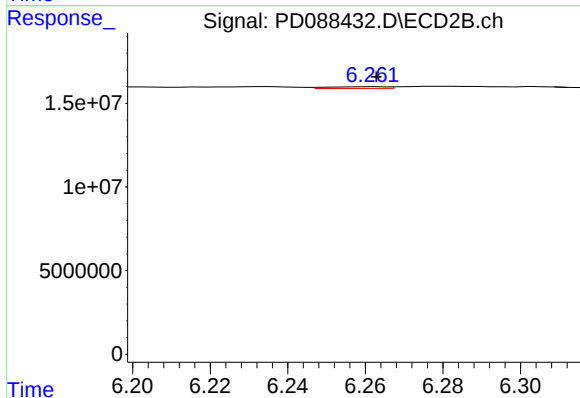
R.T.: 6.191 min  
Delta R.T.: 0.003 min  
Response: 4924064  
Conc: 0.29 ng/ml



#18 Endrin aldehyde

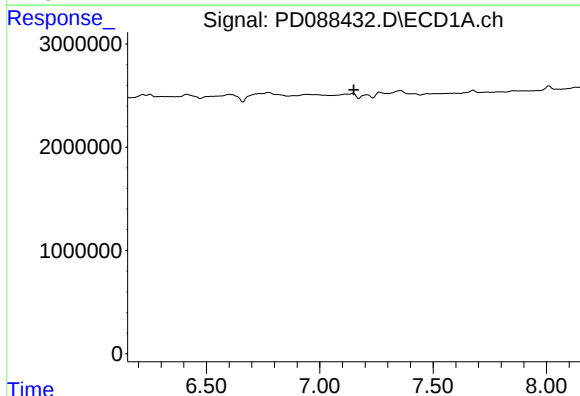
R.T.: 6.940 min  
Delta R.T.: 0.024 min  
Response: 216536  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



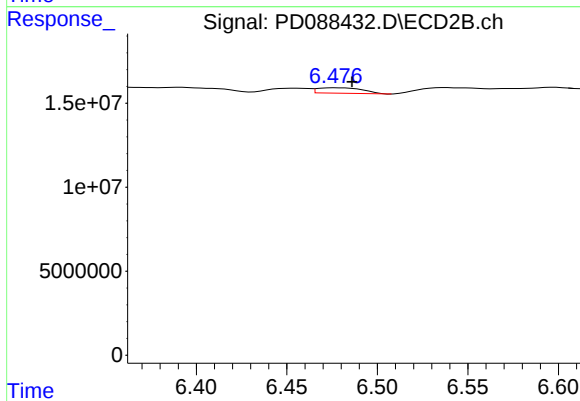
#18 Endrin aldehyde

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 1085393  
Conc: 0.08 ng/ml



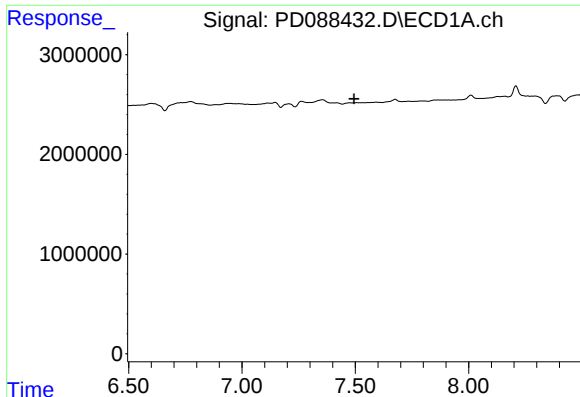
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

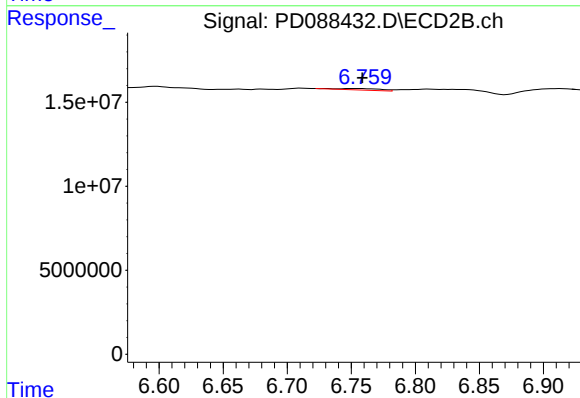
R.T.: 6.477 min  
Delta R.T.: -0.009 min  
Response: 5703841  
Conc: 0.33 ng/ml



#20 Methoxychlor

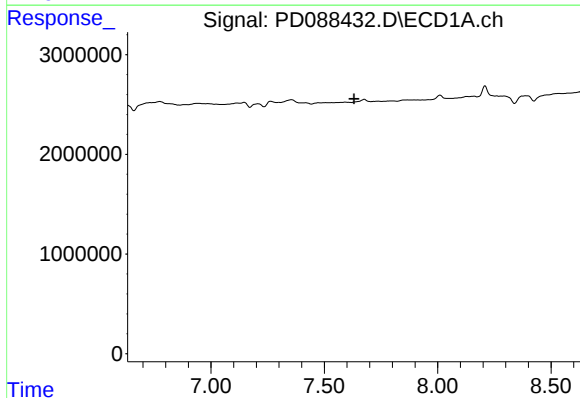
R.T.: 0.000 min  
Exp R.T.: 7.495 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



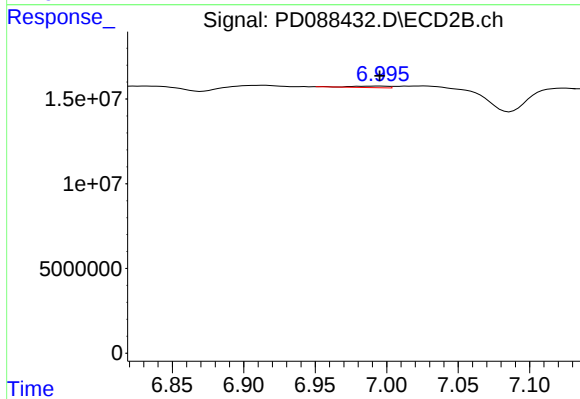
#20 Methoxychlor

R.T.: 6.755 min  
Delta R.T.: -0.004 min  
Response: 2061644  
Conc: 0.23 ng/ml



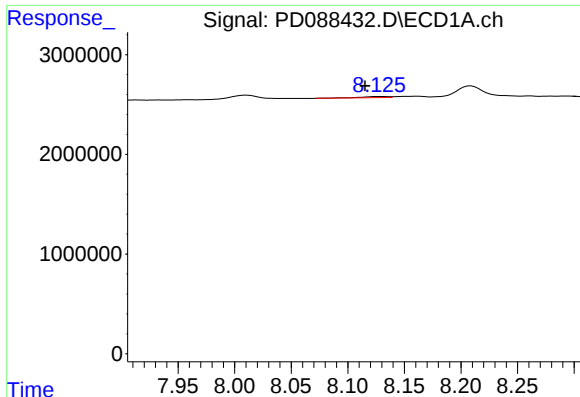
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.631 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

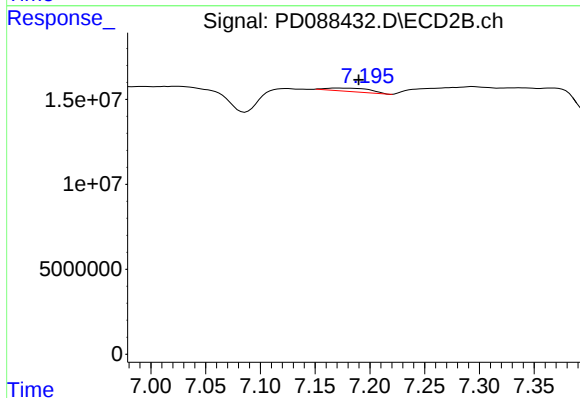
R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 1639831  
Conc: 0.09 ng/ml



#22 Mirex

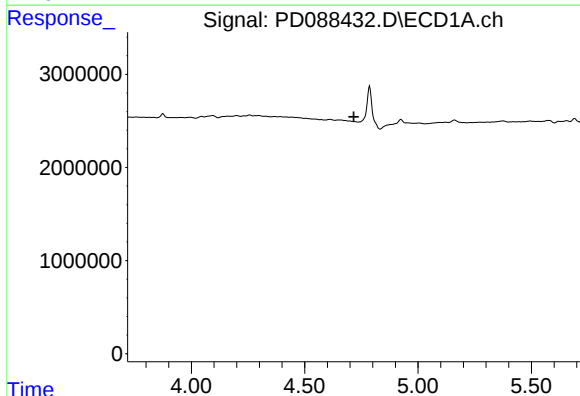
R.T.: 8.128 min  
Delta R.T.: 0.013 min  
Response: 166817  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



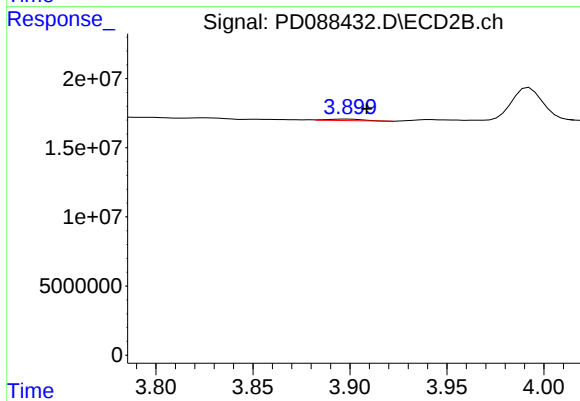
#22 Mirex

R.T.: 7.171 min  
Delta R.T.: -0.019 min  
Response: 5480900  
Conc: 0.37 ng/ml



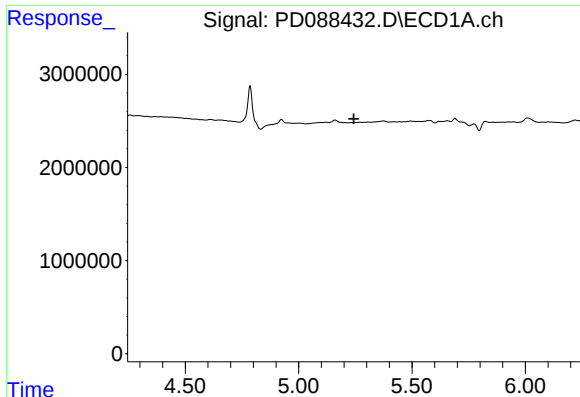
#23 Chlordane-1

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



#23 Chlordane-1

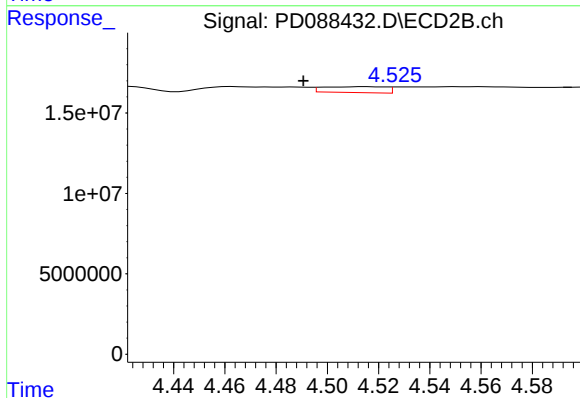
R.T.: 3.898 min  
Delta R.T.: -0.010 min  
Response: 1469190  
Conc: 1.83 ng/ml



#24 Chlordane-2

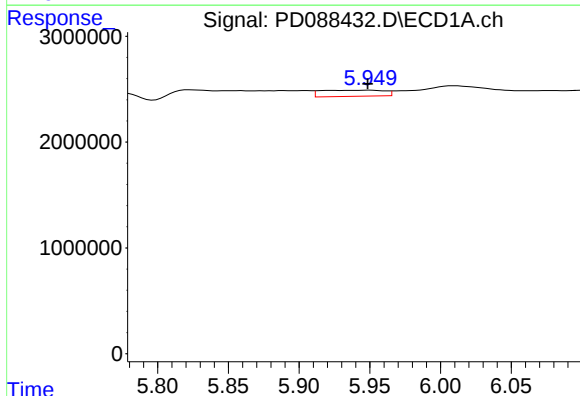
R.T.: 0.000 min  
Exp R.T.: 5.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



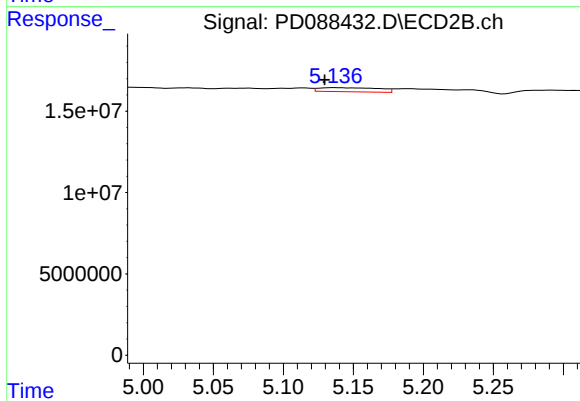
#24 Chlordane-2

R.T.: 4.515 min  
Delta R.T.: 0.024 min  
Response: 6158780  
Conc: 7.46 ng/ml



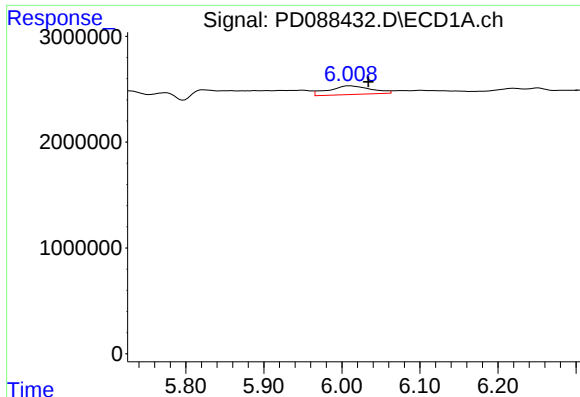
#25 Chlordane-3

R.T.: 5.950 min  
Delta R.T.: 0.002 min  
Response: 1790826  
Conc: 2.65 ng/ml



#25 Chlordane-3

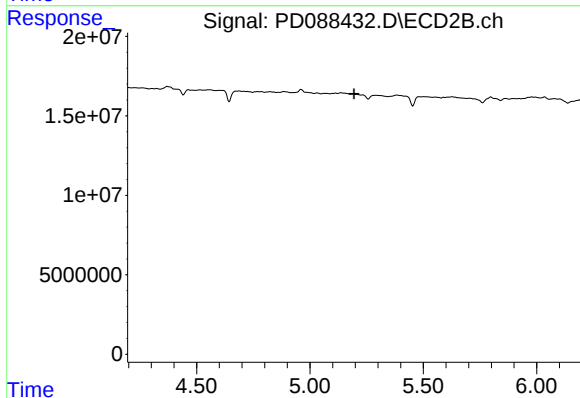
R.T.: 5.137 min  
Delta R.T.: 0.007 min  
Response: 7530070  
Conc: 2.98 ng/ml



#26 Chlordane-4

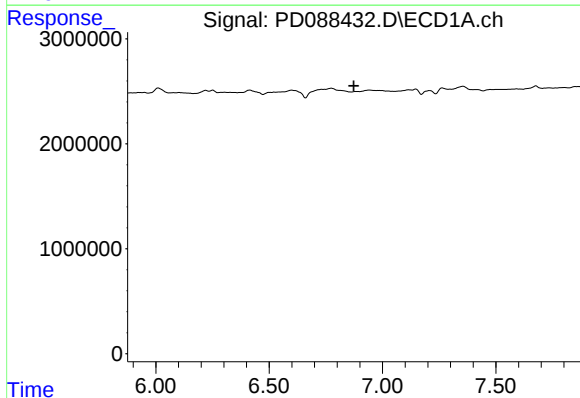
R.T.: 6.010 min  
Delta R.T.: -0.024 min  
Response: 3048025  
Conc: 3.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



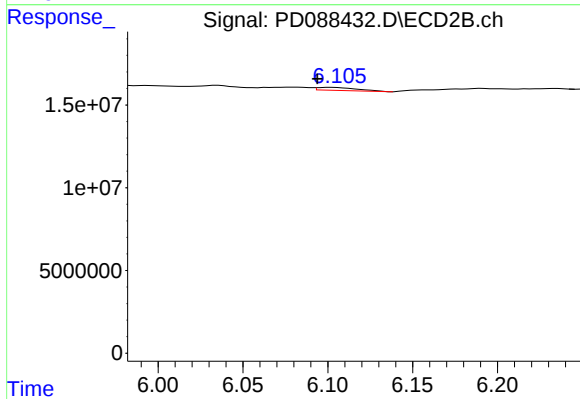
#26 Chlordane-4

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



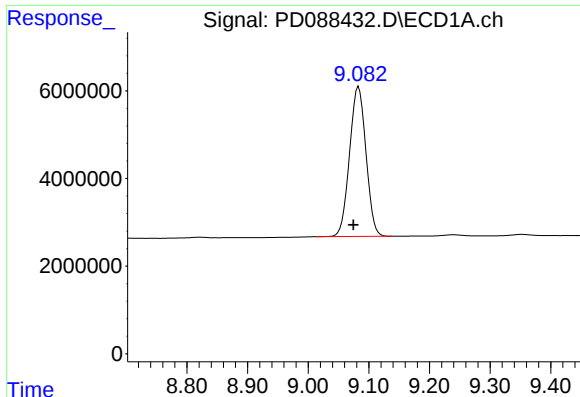
#27 Chlordane-5

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



#27 Chlordane-5

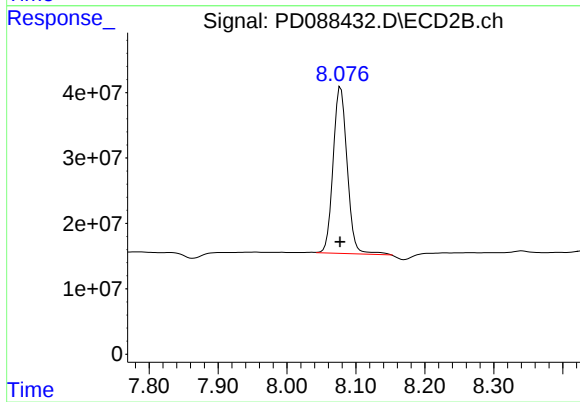
R.T.: 6.102 min  
Delta R.T.: 0.008 min  
Response: 3005311  
Conc: 3.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.008 min  
Response: 64269204  
Conc: 19.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 8.078 min  
Delta R.T.: 0.001 min  
Response: 360649242  
Conc: 19.52 ng/ml