

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100722\  
 Data File : PD072304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2022 19:08  
 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: Oct 08 00:01:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 05 15:15:26 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 2.744  | 3.498  | 41744745 | 466.9E6  | 16.634 | 12.880  |
| 2)                          | SA Decachlor... | 7.918  | 8.985  | 37631465 | 159.9E6  | 14.762 | 15.918  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.236  | 0.000  | 1443361  | 0        | 0.361  | N.D. #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.289  | 0        | 922147   | N.D.   | 0.022 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.853f | 0        | 9008114  | N.D.   | 0.299 # |
| 5)                          | MB Aldrin       | 4.214  | 5.200  | 1293926  | 1363623  | 0.366  | 0.057 # |
| 6)                          | B beta-BHC      | 3.889  | 4.516  | 666460   | 15102514 | N.D.   | 0.906   |
| 7)                          | B delta-BHC     | 0.000  | 4.771f | 0        | 2395905  | N.D.   | 0.081 # |
| 8)                          | B Heptachlo...  | 4.709  | 5.639  | 279182   | 3922591  | 0.088  | 0.207 # |
| 9)                          | A Endosulfan I  | 0.000  | 6.033  | 0        | 6177800  | N.D.   | 0.364 # |
| 10)                         | B gamma-Chl...  | 4.949  | 0.000  | 307585   | 0        | 0.094  | N.D. #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.962  | 0        | 4585217  | N.D.   | 0.255 # |
| 12)                         | B 4,4'-DDE      | 5.218  | 6.144  | 247187   | 2870747  | 0.081  | 0.161 # |
| 13)                         | MA Dieldrin     | 5.345  | 6.310  | 359959   | 1256163  | 0.114  | 0.072 # |
| 14)                         | MA Endrin       | 5.643f | 6.514f | 2553373  | 8094442  | 0.941  | 0.573 # |
| 15)                         | B Endosulfa...  | 0.000  | 6.770  | 0        | 6373269  | N.D.   | 0.472 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.667  | 0        | 5791357  | N.D.   | 0.417 # |
| 17)                         | MA 4,4'-DDT     | 6.026  | 6.971  | 319660   | 3323058  | 0.122  | 0.236 # |
| 18)                         | B Endrin al...  | 6.072f | 6.907f | 282145   | 2983156  | 0.132  | 0.275 # |
| 19)                         | B Endosulfa...  | 6.325  | 7.120  | 360096   | 2187784  | 0.133  | 0.173 # |
| 20)                         | A Methoxychlor  | 6.581f | 7.461  | 287219   | 148206   | 0.186  | 0.021 # |
| 21)                         | B Endrin ke...  | 6.835  | 7.617  | 119701   | 210665   | 0.038  | 0.015 # |
| 22)                         | Mirex           | 0.000  | 8.075  | 0        | 17357303 | N.D.   | 1.870 # |
| 23)                         | Chlordane-1     | 3.758  | 0.000  | 430182   | 0        | 4.268  | N.D. #  |
| 24)                         | Chlordane-2     | 4.308f | 5.200f | 219093   | 1363623  | 1.902  | 1.570   |
| 25)                         | Chlordane-3     | 4.949  | 0.000  | 307585   | 0        | 0.971  | N.D. #  |
| 26)                         | Chlordane-4     | 0.000  | 5.962  | 0        | 4585217  | N.D.   | 1.604 # |
| 27)                         | Chlordane-5     | 0.000  | 6.836  | 0        | 953549   | N.D.   | 1.778 # |
| -----                       |                 |        |        |          |          |        |         |

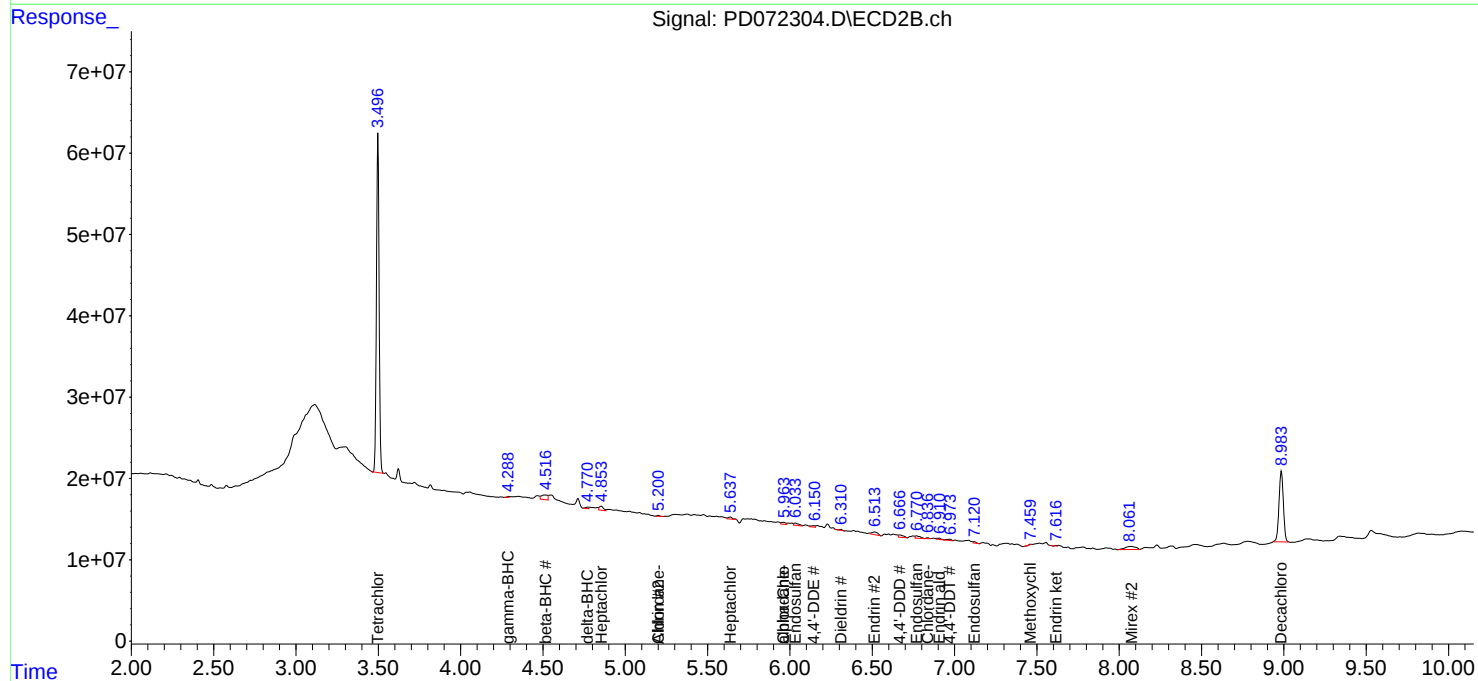
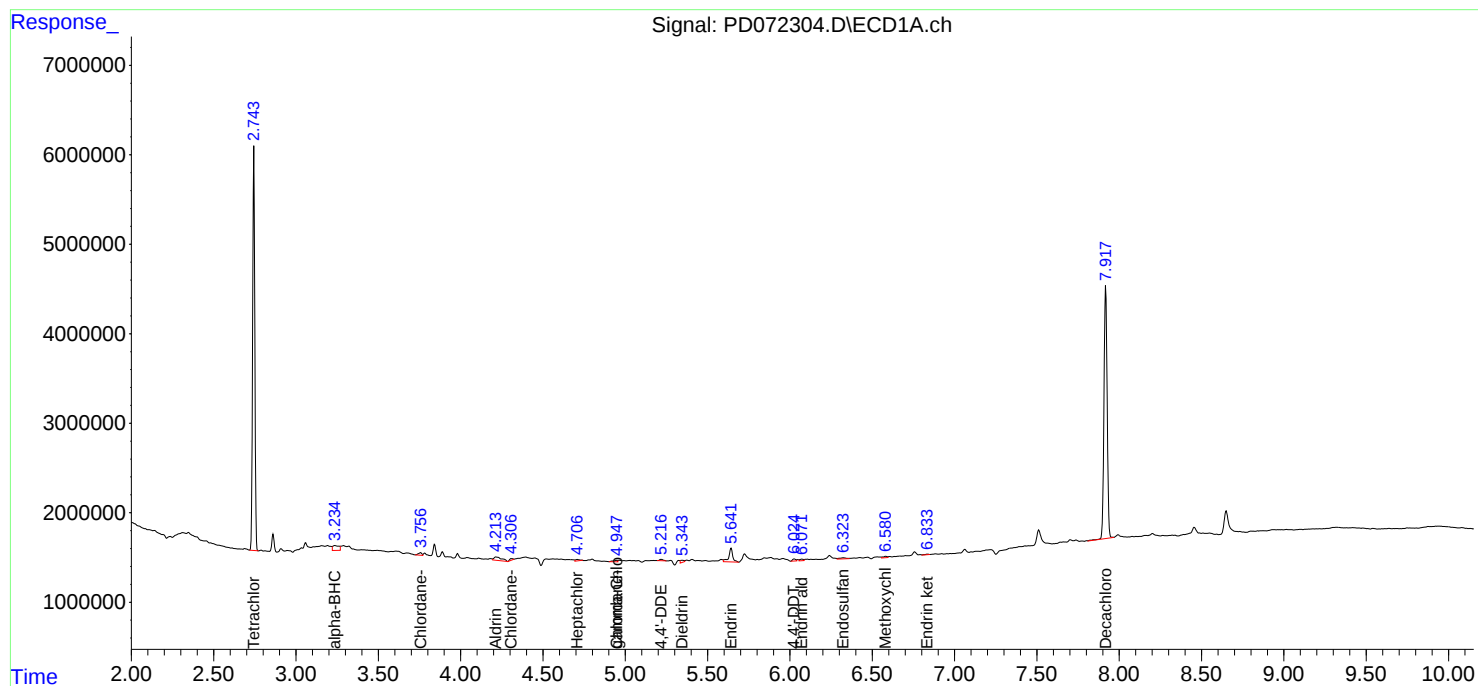
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

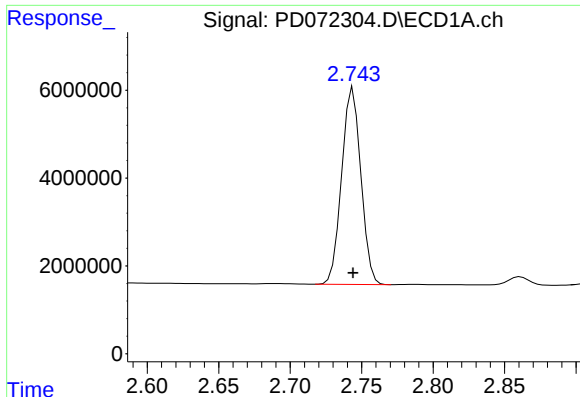
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100722\  
Data File : PD072304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Oct 2022 19:08  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 08 00:01:58 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100522.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 05 15:15:26 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

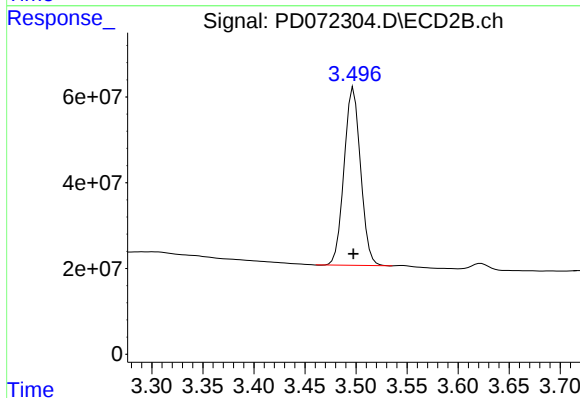




#1 Tetrachloro-m-xylene

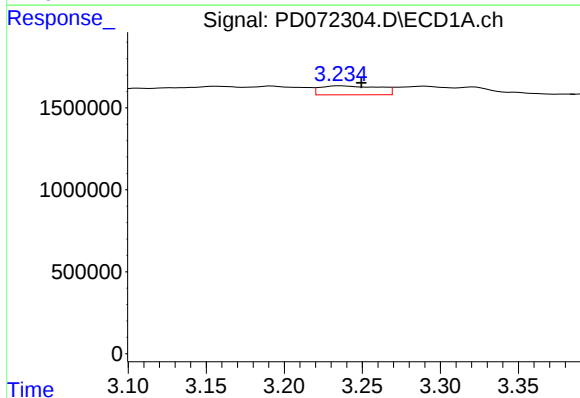
R.T.: 2.744 min  
Delta R.T.: 0.000 min  
Response: 41744745  
Conc: 16.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



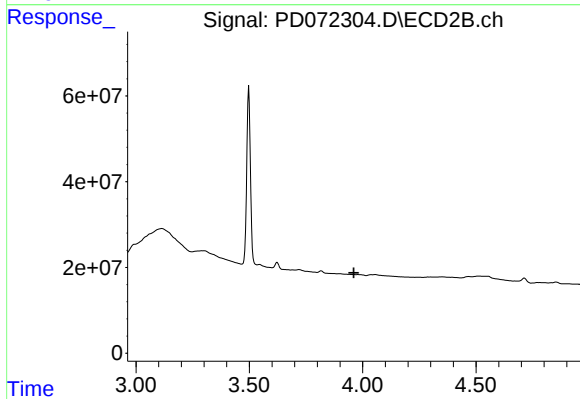
#1 Tetrachloro-m-xylene

R.T.: 3.498 min  
Delta R.T.: 0.000 min  
Response: 466896830  
Conc: 12.88 ng/ml



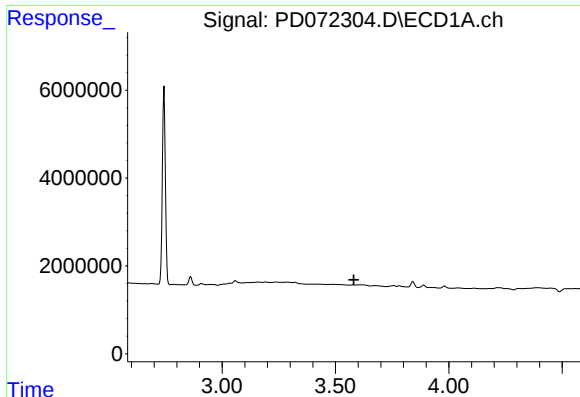
#2 alpha-BHC

R.T.: 3.236 min  
Delta R.T.: -0.013 min  
Response: 1443361  
Conc: 0.36 ng/ml



#2 alpha-BHC

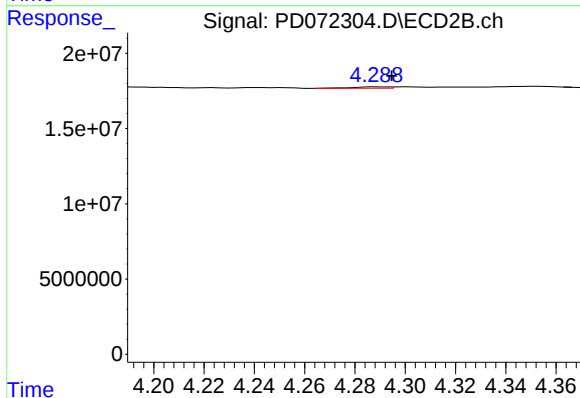
R.T.: 0.000 min  
Exp R.T. : 3.961 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

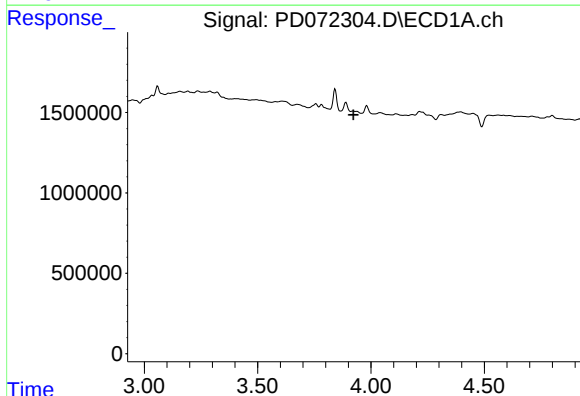
R.T.: 0.000 min  
Exp R.T.: 3.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



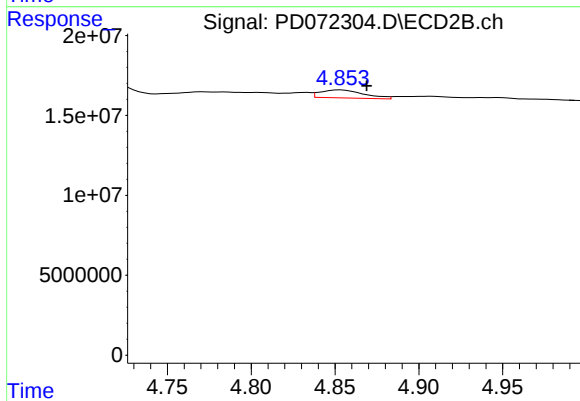
#3 gamma-BHC (Lindane)

R.T.: 4.289 min  
Delta R.T.: -0.006 min  
Response: 922147  
Conc: 0.02 ng/ml



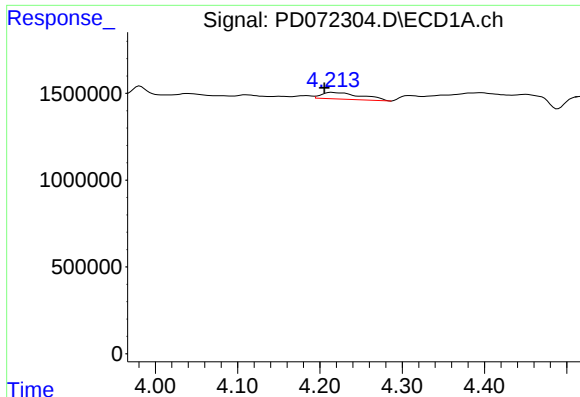
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 3.924 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

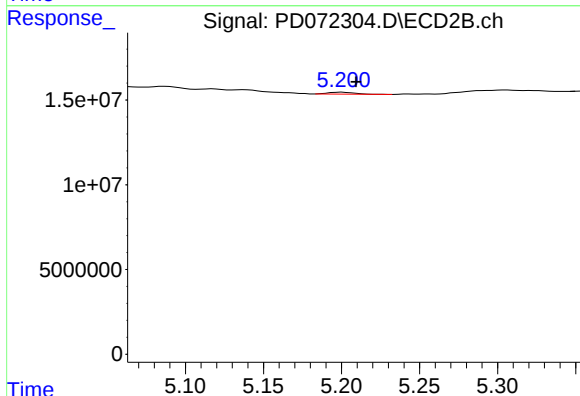
R.T.: 4.853 min  
Delta R.T.: -0.016 min  
Response: 9008114  
Conc: 0.30 ng/ml



#5 Aldrin

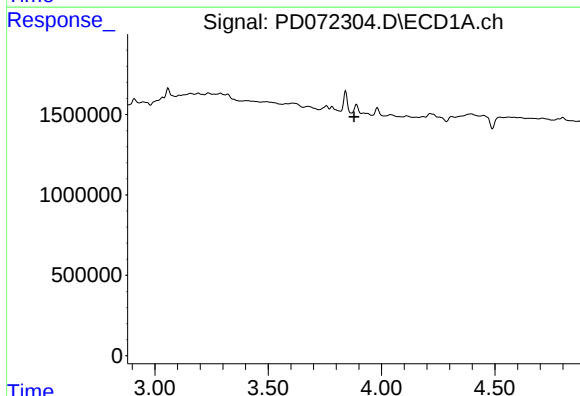
R.T.: 4.214 min  
Delta R.T.: 0.009 min  
Response: 1293926  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



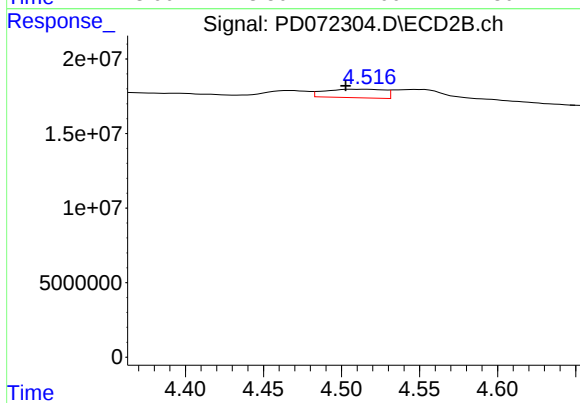
#5 Aldrin

R.T.: 5.200 min  
Delta R.T.: -0.009 min  
Response: 1363623  
Conc: 0.06 ng/ml



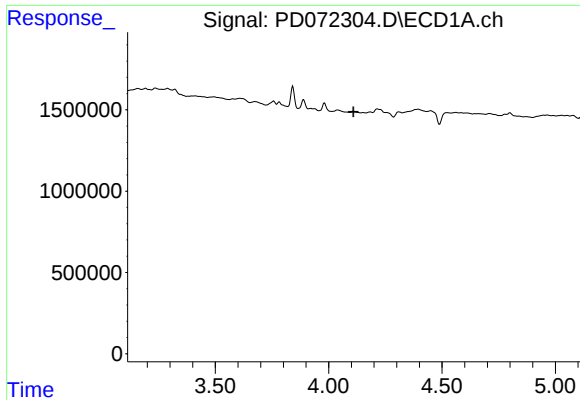
#6 beta-BHC

R.T.: 3.889 min  
Delta R.T.: 0.010 min  
Response: 666460  
Conc: N.D.



#6 beta-BHC

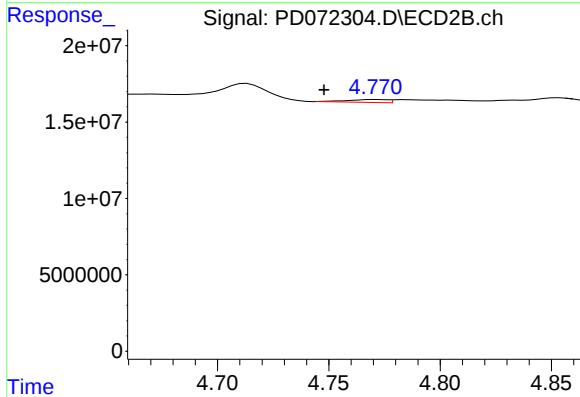
R.T.: 4.516 min  
Delta R.T.: 0.014 min  
Response: 15102514  
Conc: 0.91 ng/ml



#7 delta-BHC

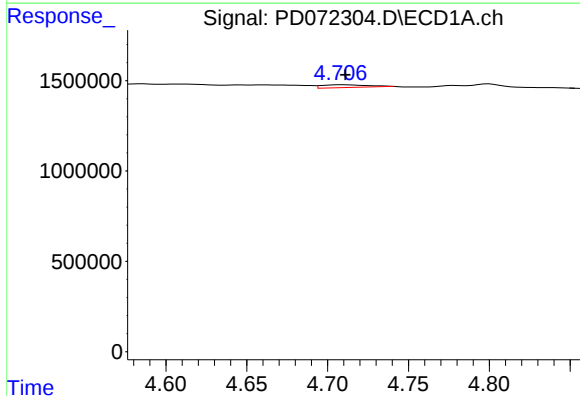
R.T.: 0.000 min  
Exp R.T.: 4.110 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



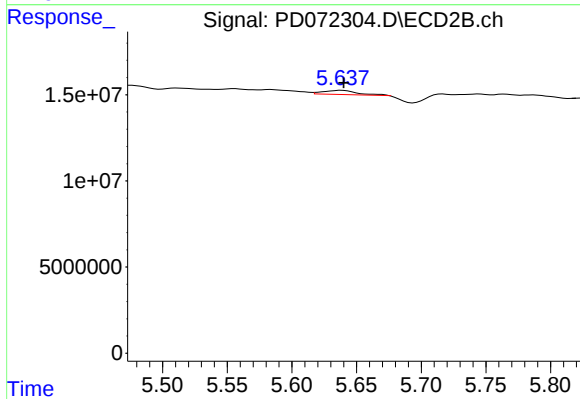
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: 0.024 min  
Response: 2395905  
Conc: 0.08 ng/ml



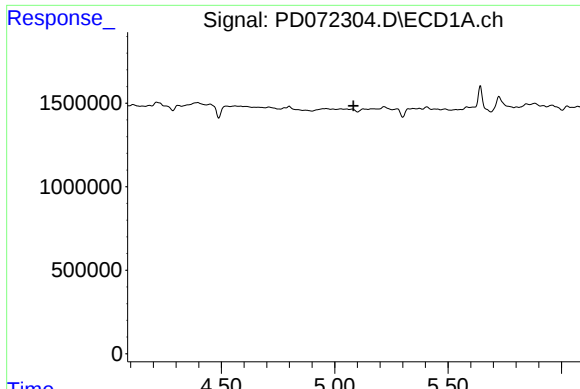
#8 Heptachlor epoxide

R.T.: 4.709 min  
Delta R.T.: -0.002 min  
Response: 279182  
Conc: 0.09 ng/ml



#8 Heptachlor epoxide

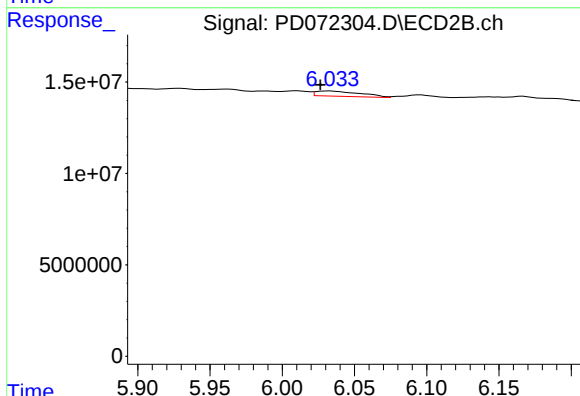
R.T.: 5.639 min  
Delta R.T.: -0.001 min  
Response: 3922591  
Conc: 0.21 ng/ml



#9 Endosulfan I

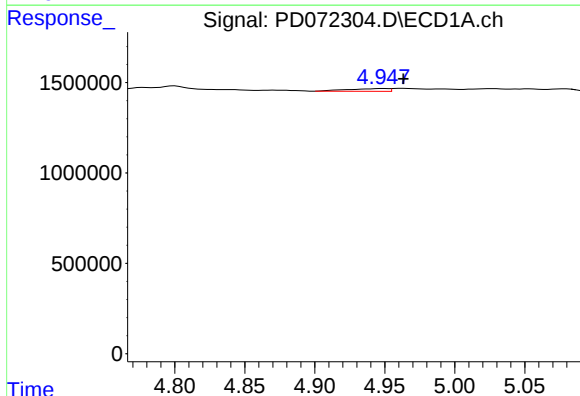
R.T.: 0.000 min  
Exp R.T.: 5.083 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



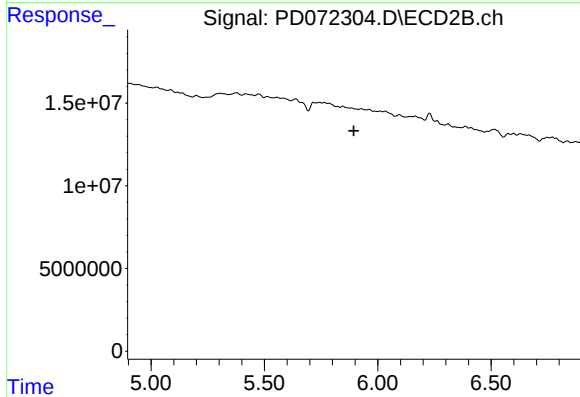
#9 Endosulfan I

R.T.: 6.033 min  
Delta R.T.: 0.006 min  
Response: 6177800  
Conc: 0.36 ng/ml



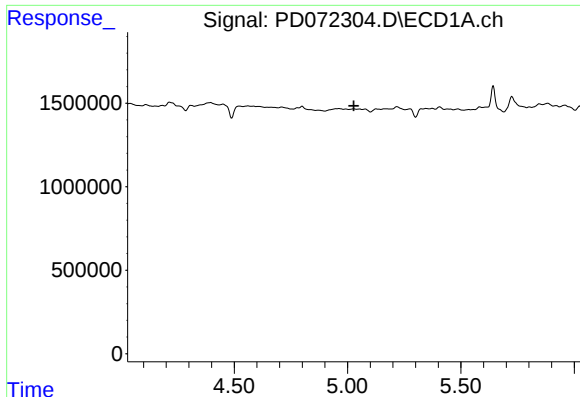
#10 gamma-Chlordane

R.T.: 4.949 min  
Delta R.T.: -0.015 min  
Response: 307585  
Conc: 0.09 ng/ml



#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.894 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.028 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :

#11 alpha-Chlordane

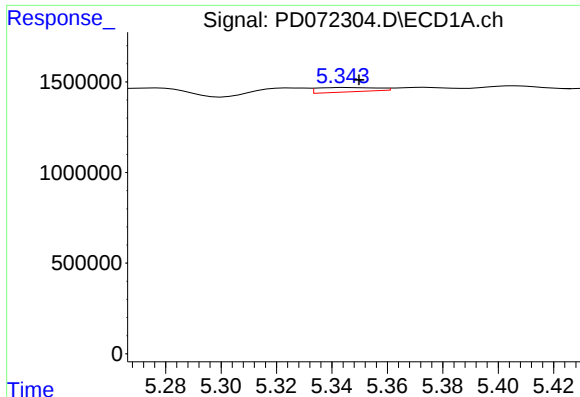
R.T.: 5.962 min  
Delta R.T.: -0.009 min  
Response: 4585217  
Conc: 0.26 ng/ml

#12 4,4'-DDE

R.T.: 5.218 min  
Delta R.T.: -0.003 min  
Response: 247187  
Conc: 0.08 ng/ml

#12 4,4'-DDE

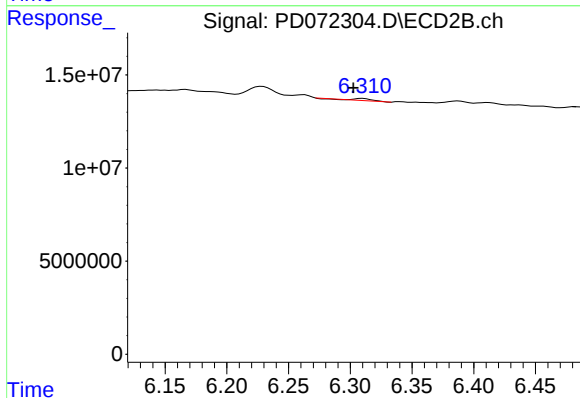
R.T.: 6.144 min  
Delta R.T.: -0.002 min  
Response: 2870747  
Conc: 0.16 ng/ml



#13 Dieldrin

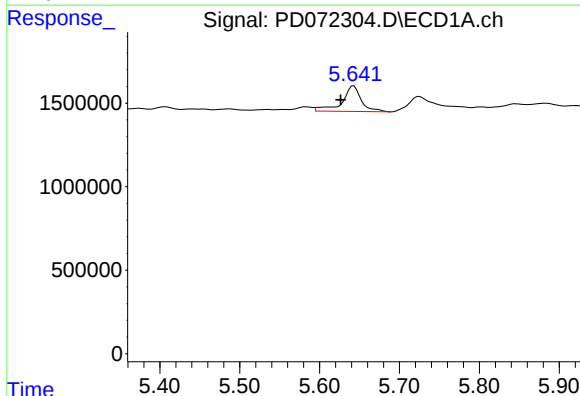
R.T.: 5.345 min  
Delta R.T.: -0.004 min  
Response: 359959  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



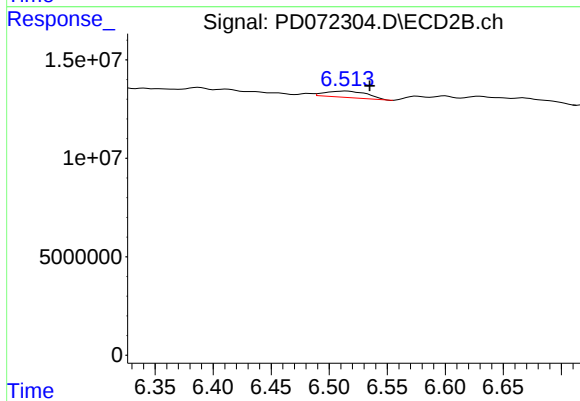
#13 Dieldrin

R.T.: 6.310 min  
Delta R.T.: 0.008 min  
Response: 1256163  
Conc: 0.07 ng/ml



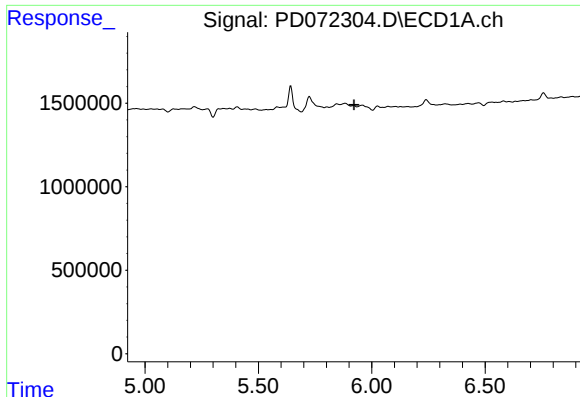
#14 Endrin

R.T.: 5.643 min  
Delta R.T.: 0.016 min  
Response: 2553373  
Conc: 0.94 ng/ml



#14 Endrin

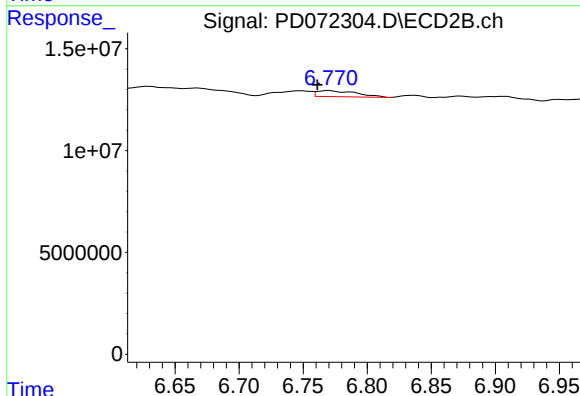
R.T.: 6.514 min  
Delta R.T.: -0.021 min  
Response: 8094442  
Conc: 0.57 ng/ml



#15 Endosulfan II

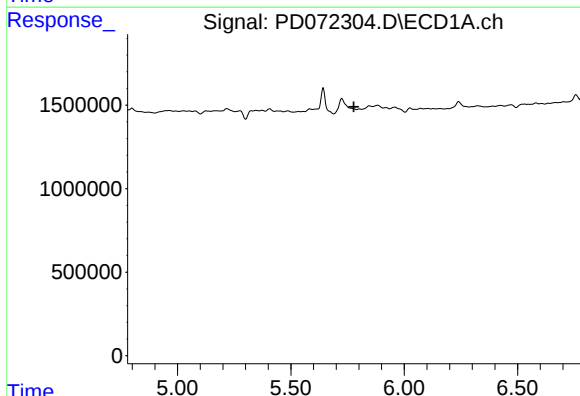
R.T.: 0.000 min  
Exp R.T.: 5.922 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



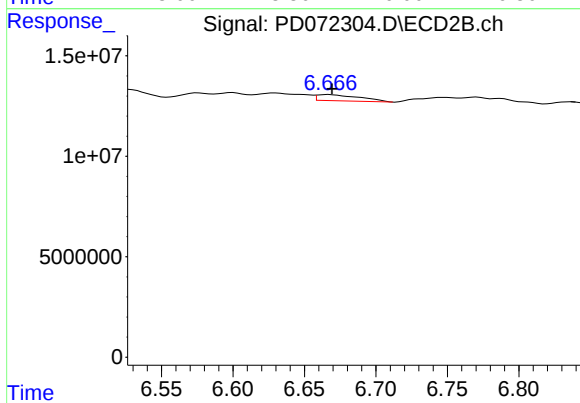
#15 Endosulfan II

R.T.: 6.770 min  
Delta R.T.: 0.009 min  
Response: 6373269  
Conc: 0.47 ng/ml



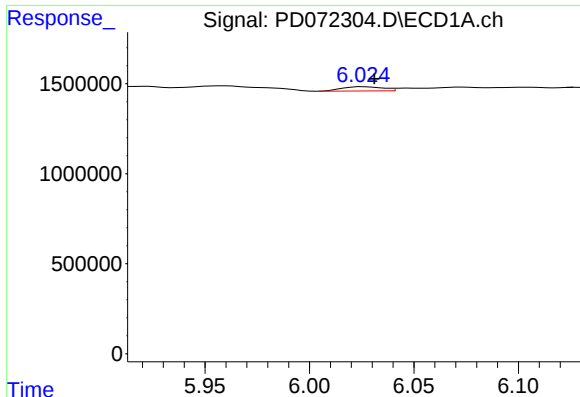
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 5.778 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

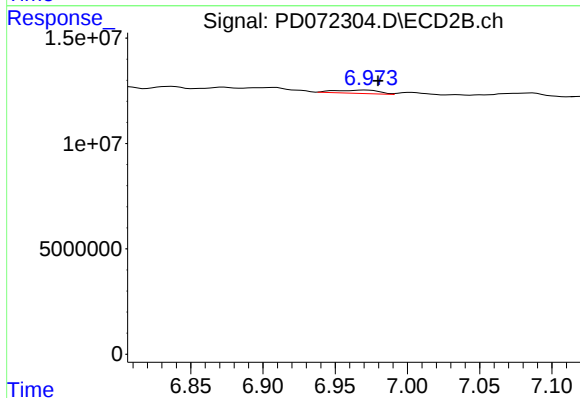
R.T.: 6.667 min  
Delta R.T.: -0.002 min  
Response: 5791357  
Conc: 0.42 ng/ml



#17 4,4'-DDT

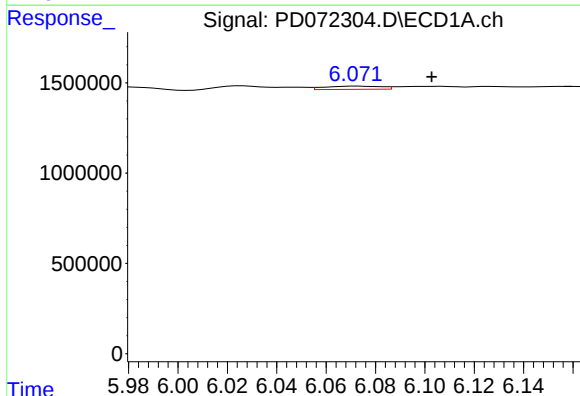
R.T.: 6.026 min  
Delta R.T.: -0.005 min  
Response: 319660  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



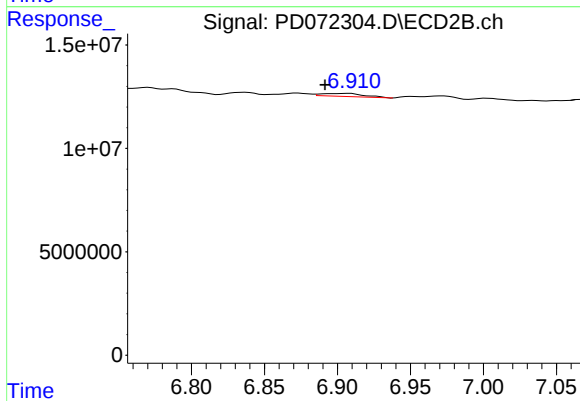
#17 4,4'-DDT

R.T.: 6.971 min  
Delta R.T.: -0.009 min  
Response: 3323058  
Conc: 0.24 ng/ml



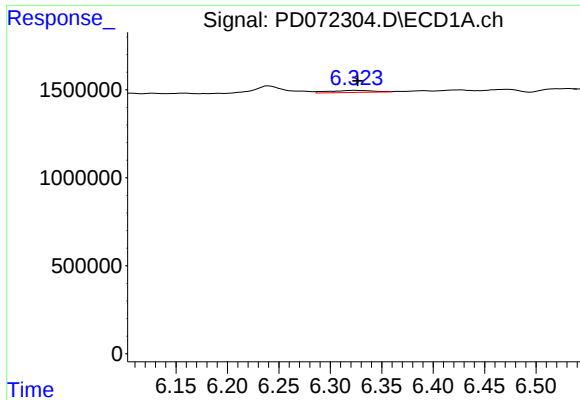
#18 Endrin aldehyde

R.T.: 6.072 min  
Delta R.T.: -0.030 min  
Response: 282145  
Conc: 0.13 ng/ml



#18 Endrin aldehyde

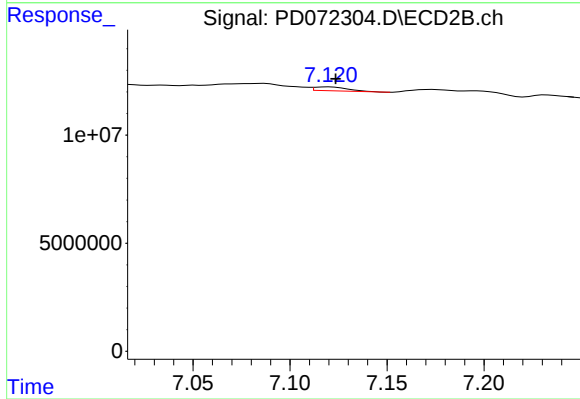
R.T.: 6.907 min  
Delta R.T.: 0.015 min  
Response: 2983156  
Conc: 0.28 ng/ml



#19 Endosulfan Sulfate

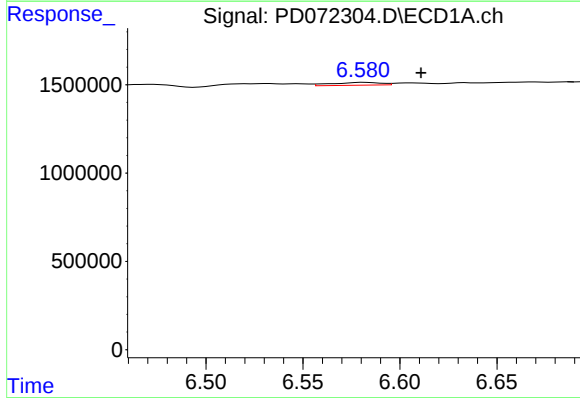
R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 360096  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



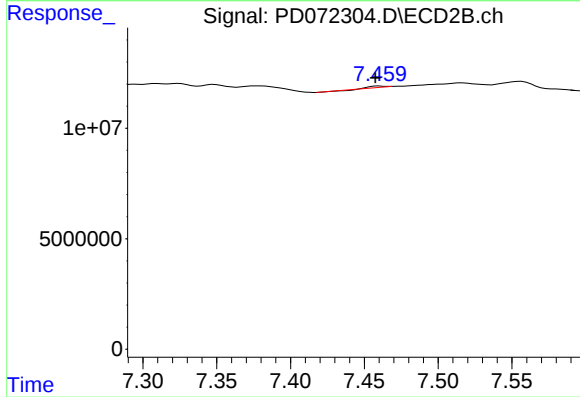
#19 Endosulfan Sulfate

R.T.: 7.120 min  
Delta R.T.: -0.004 min  
Response: 2187784  
Conc: 0.17 ng/ml



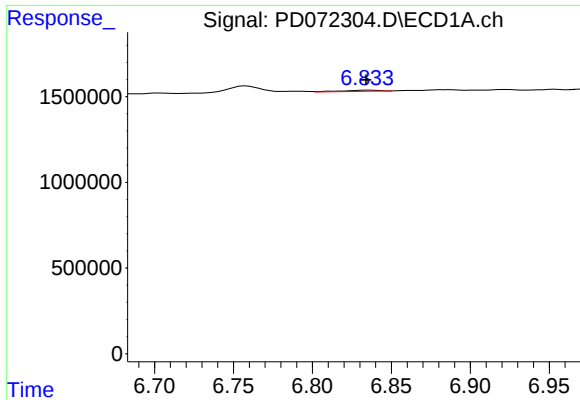
#20 Methoxychlor

R.T.: 6.581 min  
Delta R.T.: -0.030 min  
Response: 287219  
Conc: 0.19 ng/ml



#20 Methoxychlor

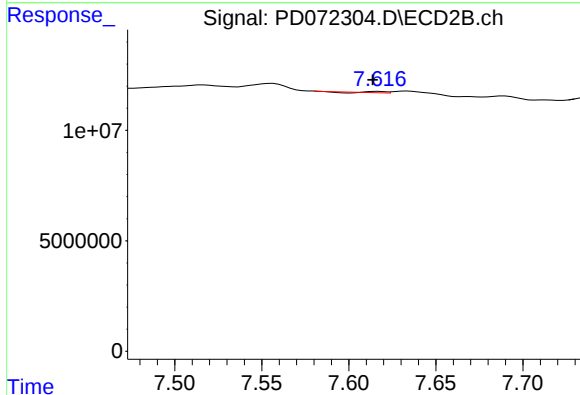
R.T.: 7.461 min  
Delta R.T.: 0.003 min  
Response: 148206  
Conc: 0.02 ng/ml



#21 Endrin ketone

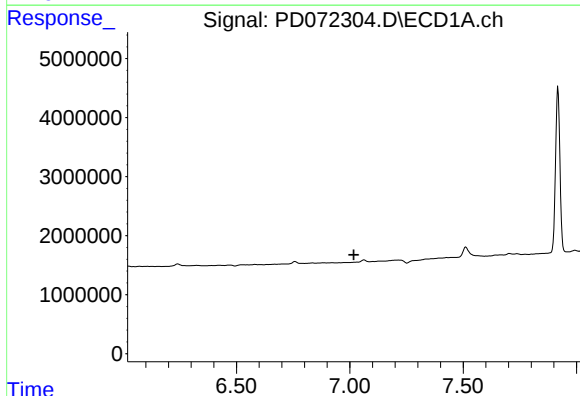
R.T.: 6.835 min  
Delta R.T.: 0.001 min  
Response: 119701  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



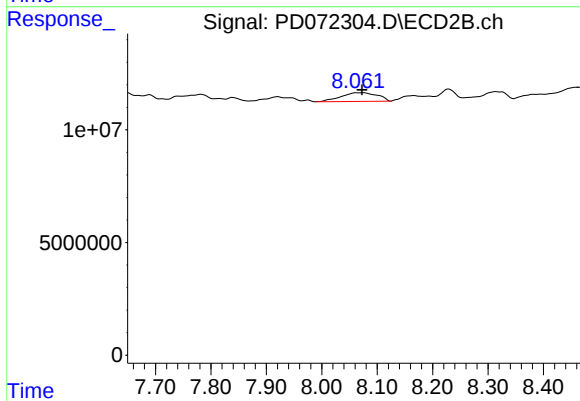
#21 Endrin ketone

R.T.: 7.617 min  
Delta R.T.: 0.003 min  
Response: 210665  
Conc: 0.02 ng/ml



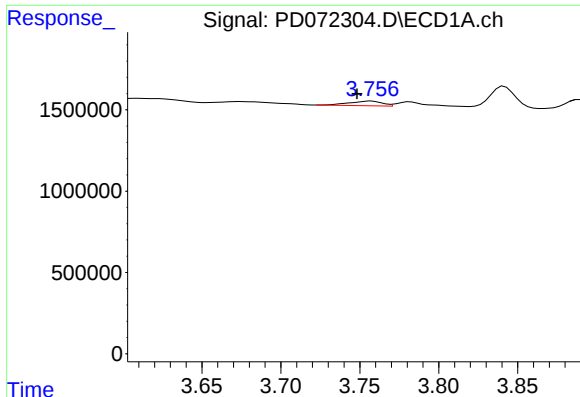
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.018 min  
Response: 0  
Conc: N.D.



#22 Mirex

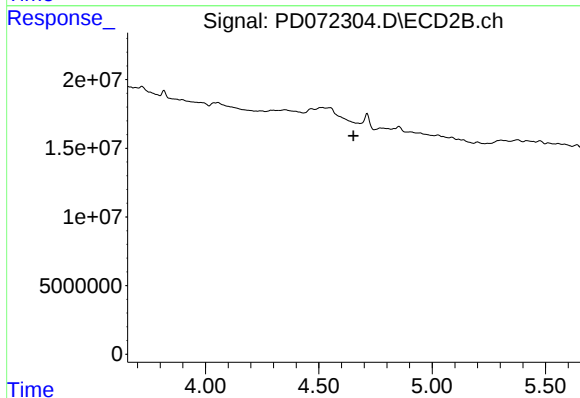
R.T.: 8.075 min  
Delta R.T.: 0.002 min  
Response: 17357303  
Conc: 1.87 ng/ml



#23 Chlordane-1

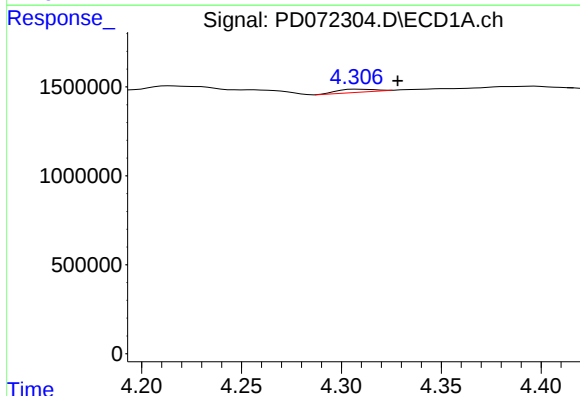
R.T.: 3.758 min  
Delta R.T.: 0.009 min  
Response: 430182  
Conc: 4.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



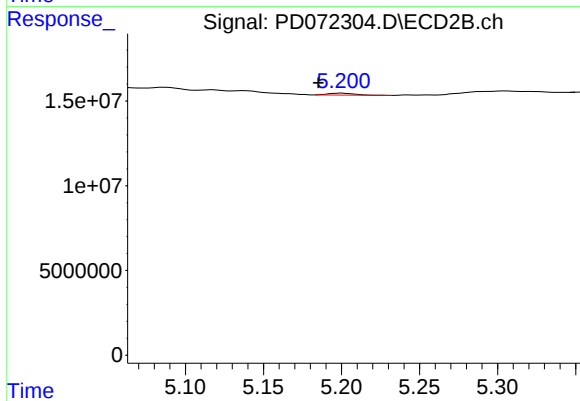
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.653 min  
Response: 0  
Conc: N.D.



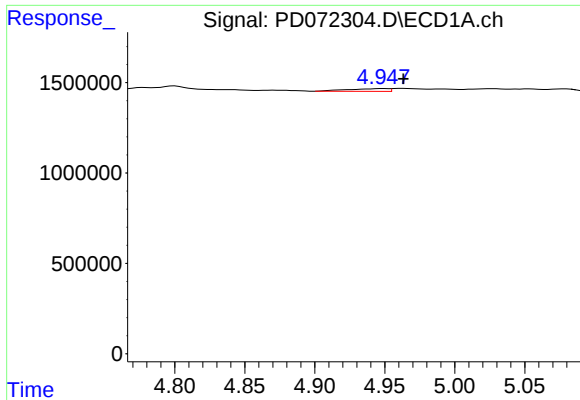
#24 Chlordane-2

R.T.: 4.308 min  
Delta R.T.: -0.020 min  
Response: 219093  
Conc: 1.90 ng/ml



#24 Chlordane-2

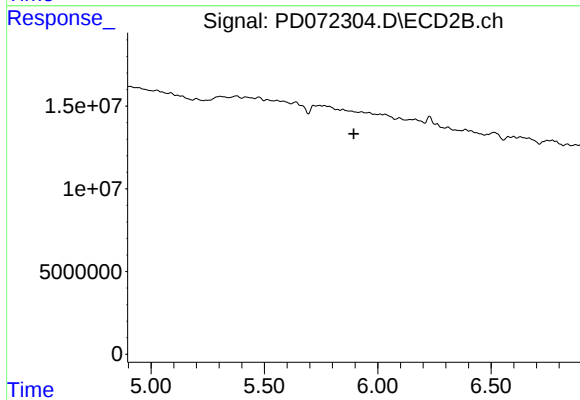
R.T.: 5.200 min  
Delta R.T.: 0.015 min  
Response: 1363623  
Conc: 1.57 ng/ml



#25 Chlordane-3

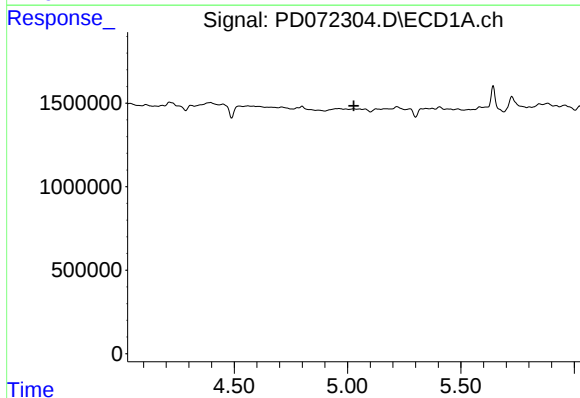
R.T.: 4.949 min  
Delta R.T.: -0.015 min  
Response: 307585  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



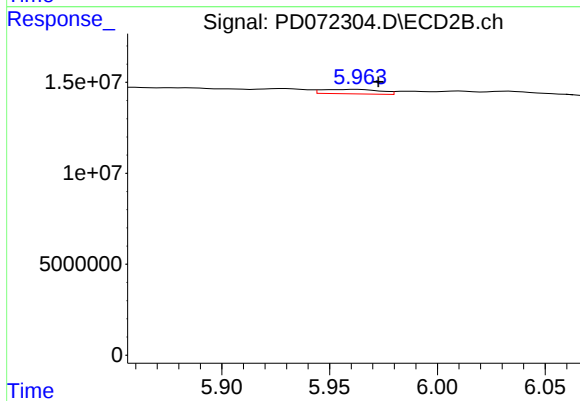
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.894 min  
Response: 0  
Conc: N.D.



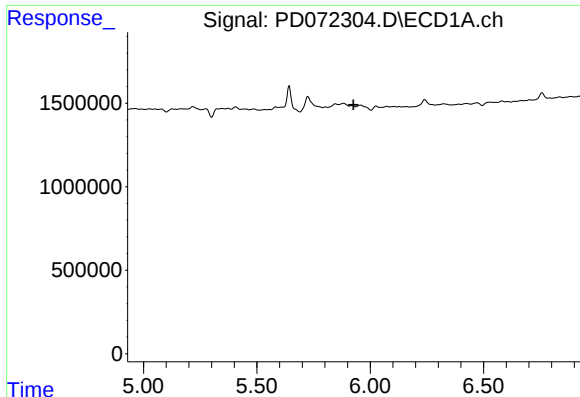
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.027 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

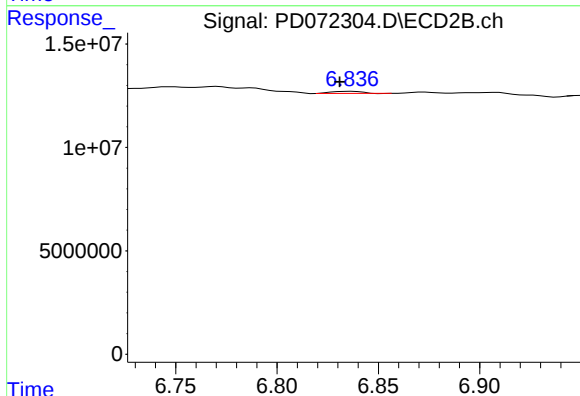
R.T.: 5.962 min  
Delta R.T.: -0.010 min  
Response: 4585217  
Conc: 1.60 ng/ml



#27 Chlordane-5

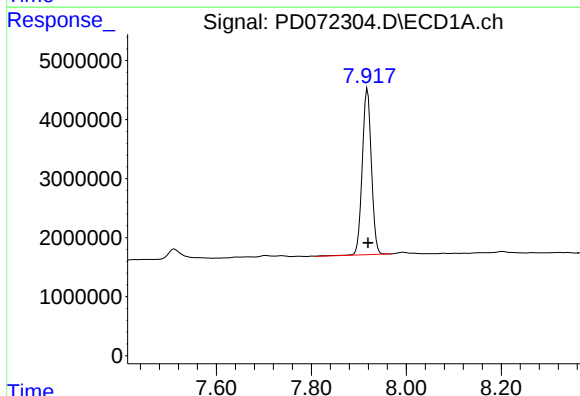
R.T.: 0.000 min  
Exp R.T.: 5.926 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



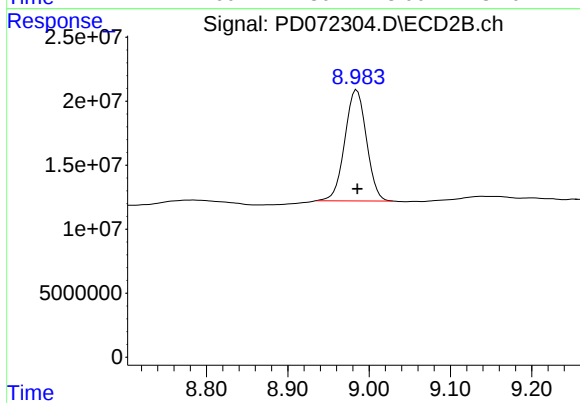
#27 Chlordane-5

R.T.: 6.836 min  
Delta R.T.: 0.005 min  
Response: 953549  
Conc: 1.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: -0.002 min  
Response: 37631465  
Conc: 14.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.000 min  
Response: 159924444  
Conc: 15.92 ng/ml