

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070522\  
 Data File : PD070726.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jul 2022 20:43  
 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: Jul 05 23:54:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 05 15:26:13 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... | 3.485  | 4.123  | 48099697 | 527.4E6  | 19.703 | 20.394  |
| 2)                          | SA Decachlor... | 8.264  | 9.311  | 54208345 | 190.6E6  | 21.862 | 23.171  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.925  | 4.530  | 2940501  | 4183420  | 0.837  | 0.114 # |
| 3)                          | MA gamma-BHC... | 4.216  | 4.817  | 2447461  | 583918   | 0.719  | 0.018 # |
| 4)                          | MA Heptachlor   | 4.511  | 5.336  | 394348   | 3467479  | 0.117  | 0.112   |
| 5)                          | MB Aldrin       | 4.767  | 5.664f | 883500   | 2207287  | 0.268  | 0.078 # |
| 7)                          | B delta-BHC     | 4.692f | 5.218  | 343802   | 1261658  | 0.105  | 0.044 # |
| 8)                          | B Heptachlo...  | 5.208  | 6.035  | 671953   | 35539094 | 0.223  | 1.562 # |
| 9)                          | A Endosulfan I  | 5.551  | 6.402  | 232009   | 8871023  | 0.083  | 0.433 # |
| 10)                         | B gamma-Chl...  | 5.440  | 6.279  | 680152   | 13018725 | 0.219  | 0.571 # |
| 11)                         | B alpha-Chl...  | 5.495  | 6.345  | 1076725  | 28341981 | 0.354  | 1.287 # |
| 12)                         | B 4,4'-DDE      | 5.692f | 6.511  | 296440   | 3072413  | 0.102  | 0.150 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.669  | 0        | 4372942  | N.D.   | 0.216 # |
| 14)                         | MA Endrin       | 6.058  | 6.894  | 1015152  | 1670145  | 0.378  | 0.108 # |
| 15)                         | B Endosulfa...  | 0.000  | 7.099  | 0        | 4414099  | N.D.   | 0.301 # |
| 16)                         | A 4,4'-DDD      | 6.170  | 0.000  | 1873602  | 0        | 0.768  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.412  | 7.307  | 541009   | 1491960  | 0.217  | 0.098 # |
| 19)                         | B Endosulfa...  | 6.707  | 7.443  | 33892    | 123437   | 0.014  | 0.009 # |
| 21)                         | B Endrin ke...  | 0.000  | 7.939  | 0        | 854676   | N.D.   | 0.067 # |
| 22)                         | Mirex           | 7.409f | 8.407f | -178185  | 5779043  | N.D.   | 0.724   |
| 23)                         | Chlordane-1     | 4.387f | 0.000  | 1392824  | 0        | 16.495 | N.D. #  |
| 24)                         | Chlordane-2     | 4.848f | 0.000  | 645233   | 0        | 6.644  | N.D. #  |
| 25)                         | Chlordane-3     | 5.440  | 6.279  | 680152   | 13018725 | 2.436  | 4.348 # |
| 26)                         | Chlordane-4     | 5.495  | 6.345  | 1076725  | 28341981 | 4.665  | 8.174 # |
| 27)                         | Chlordane-5     | 0.000  | 7.163  | 0        | 2115099  | N.D.   | 3.852 # |
| -----                       |                 |        |        |          |          |        |         |

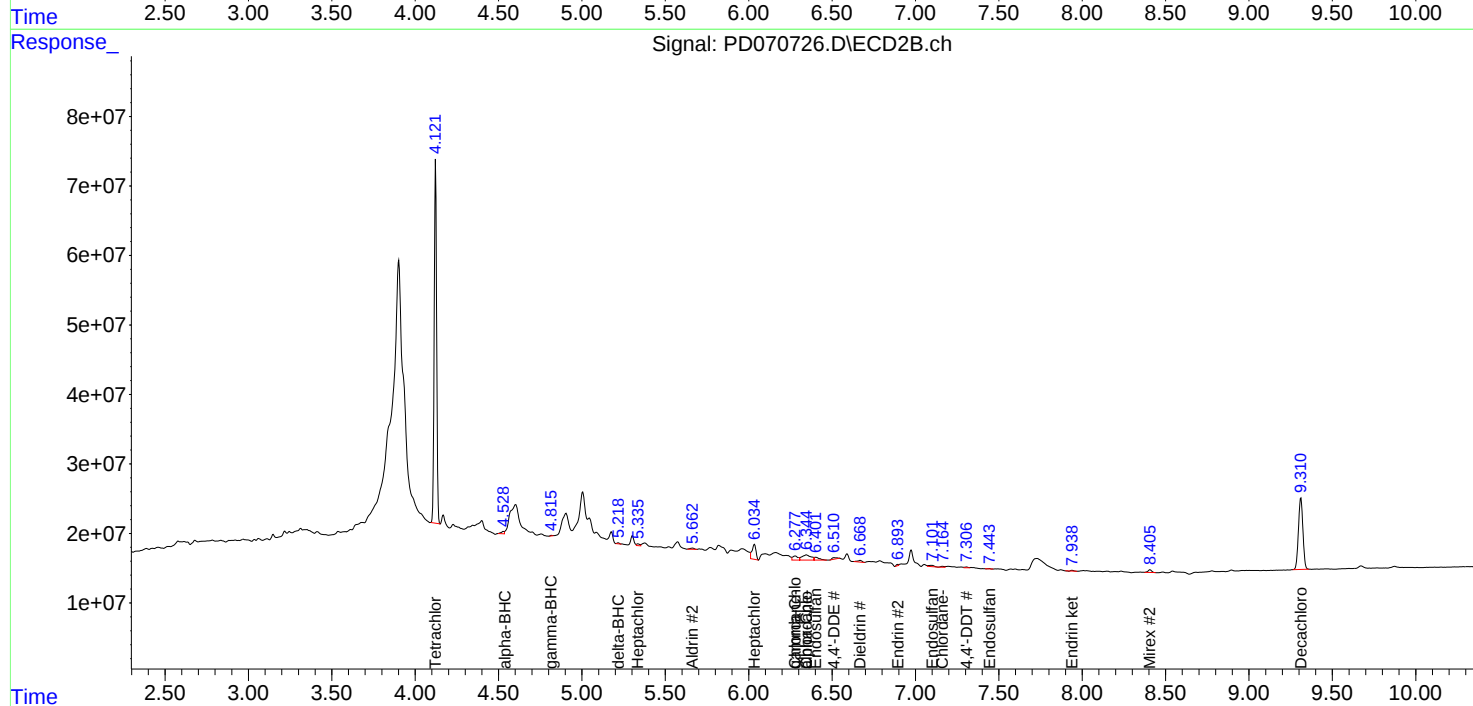
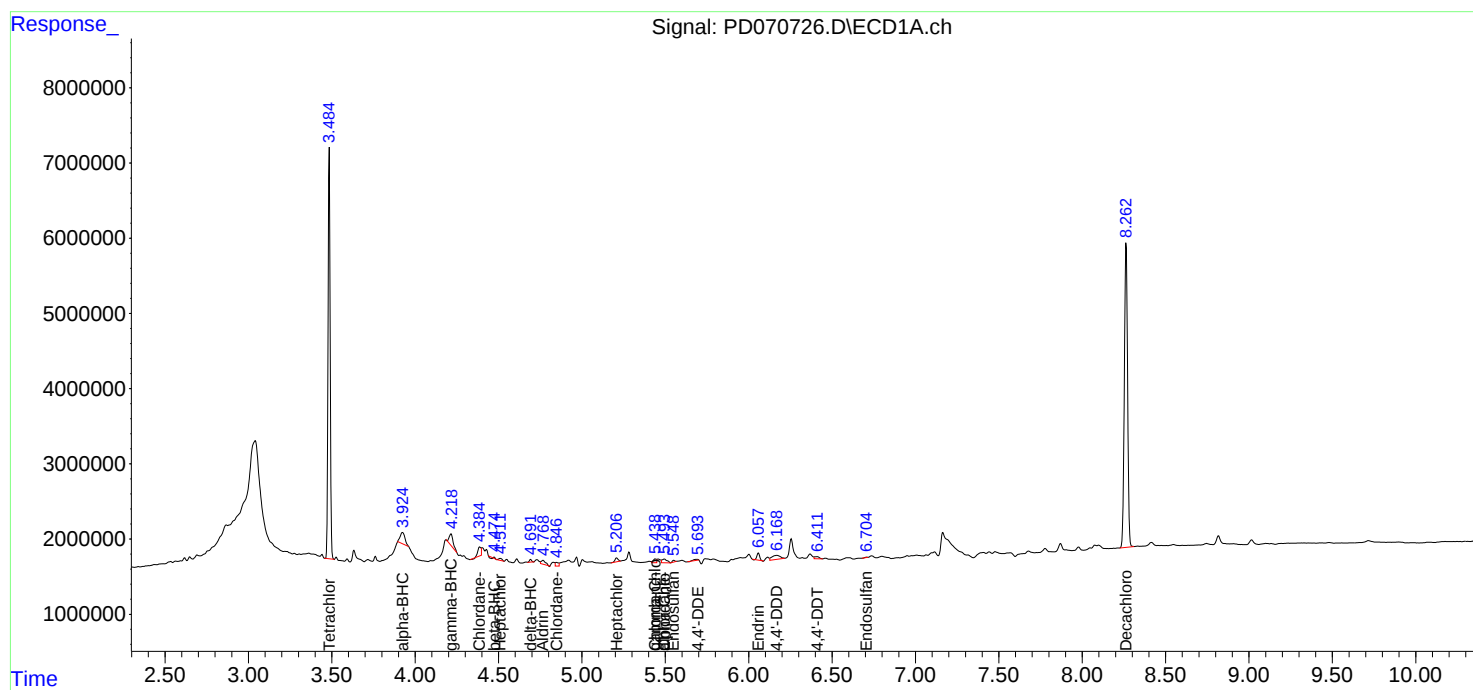
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

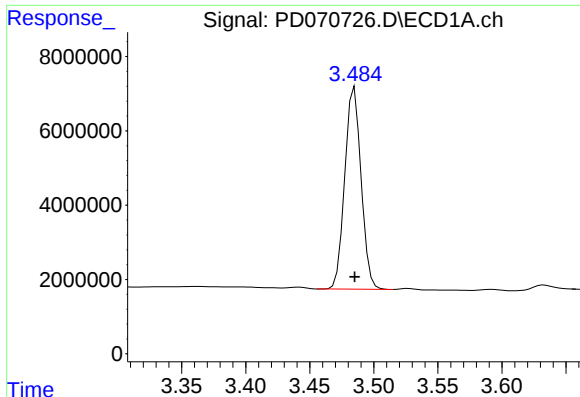
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070522\  
Data File : PD070726.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jul 2022 20:43  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 05 23:54:36 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070522.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 05 15:26:13 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

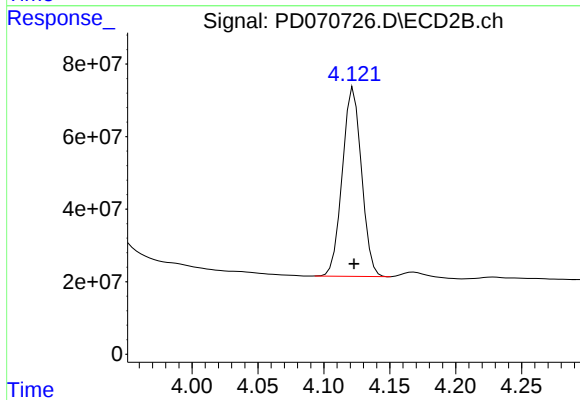




#1 Tetrachloro-m-xylene

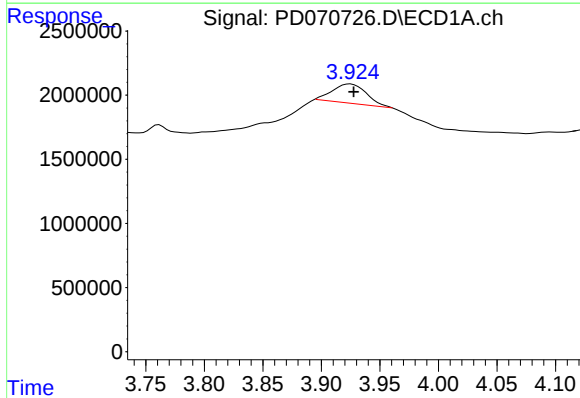
R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 48099697  
Conc: 19.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



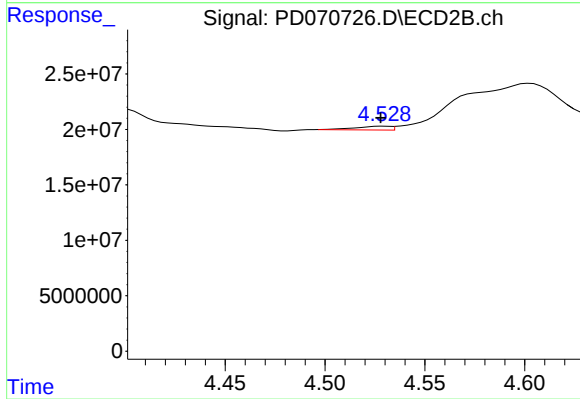
#1 Tetrachloro-m-xylene

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 527414208  
Conc: 20.39 ng/ml



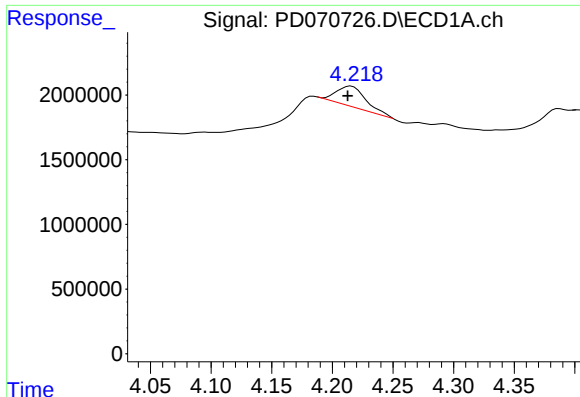
#2 alpha-BHC

R.T.: 3.925 min  
Delta R.T.: -0.003 min  
Response: 2940501  
Conc: 0.84 ng/ml



#2 alpha-BHC

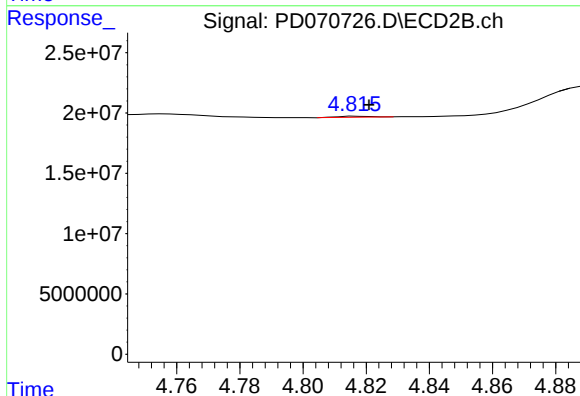
R.T.: 4.530 min  
Delta R.T.: 0.002 min  
Response: 4183420  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

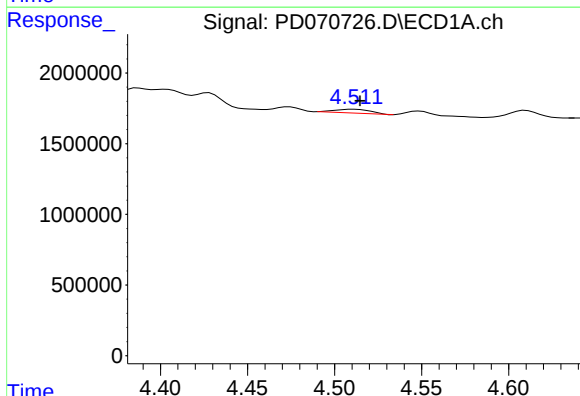
R.T.: 4.216 min  
Delta R.T.: 0.003 min  
Response: 2447461  
Conc: 0.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



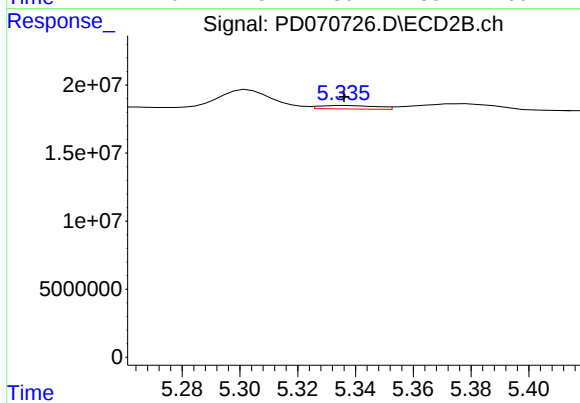
#3 gamma-BHC (Lindane)

R.T.: 4.817 min  
Delta R.T.: -0.004 min  
Response: 583918  
Conc: 0.02 ng/ml



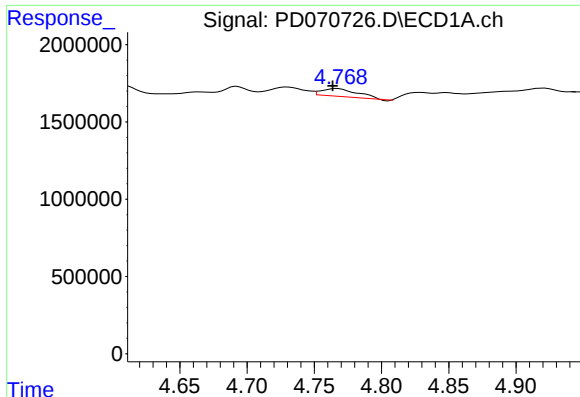
#4 Heptachlor

R.T.: 4.511 min  
Delta R.T.: -0.004 min  
Response: 394348  
Conc: 0.12 ng/ml



#4 Heptachlor

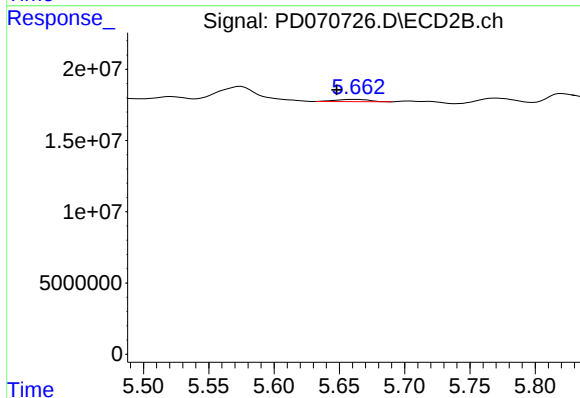
R.T.: 5.336 min  
Delta R.T.: 0.000 min  
Response: 3467479  
Conc: 0.11 ng/ml



#5 Aldrin

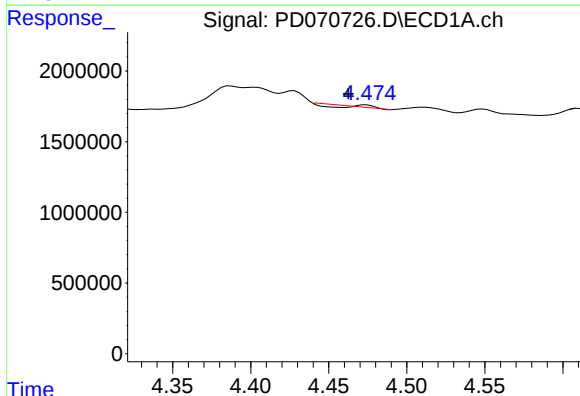
R.T.: 4.767 min  
Delta R.T.: 0.004 min  
Response: 883500  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



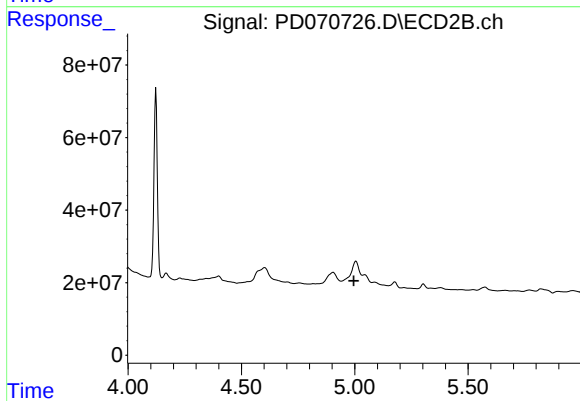
#5 Aldrin

R.T.: 5.664 min  
Delta R.T.: 0.016 min  
Response: 2207287  
Conc: 0.08 ng/ml



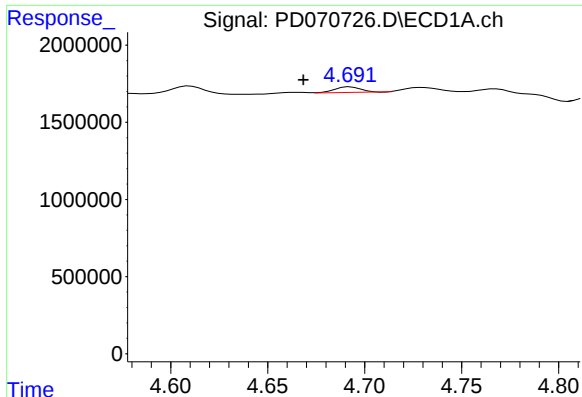
#6 beta-BHC

R.T.: 4.474 min  
Delta R.T.: 0.012 min  
Response: 27629  
Conc: 0.02 ng/ml



#6 beta-BHC

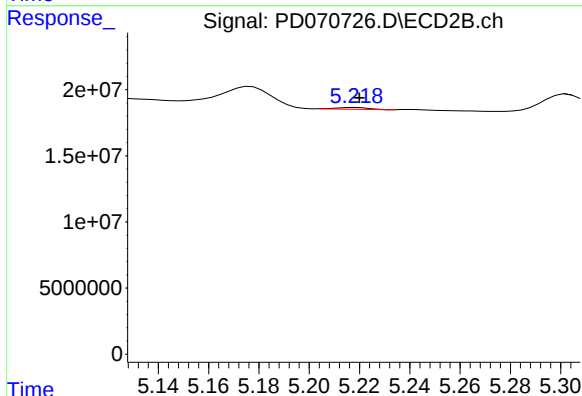
R.T.: 5.005 min  
Delta R.T.: 0.009 min  
Response: 74890976  
Conc: N.D.



#7 delta-BHC

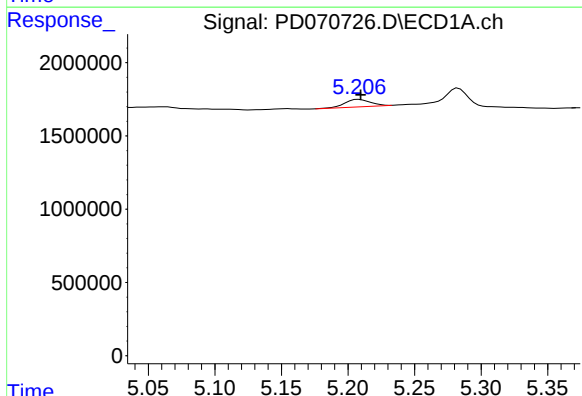
R.T.: 4.692 min  
Delta R.T.: 0.024 min  
Response: 343802  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



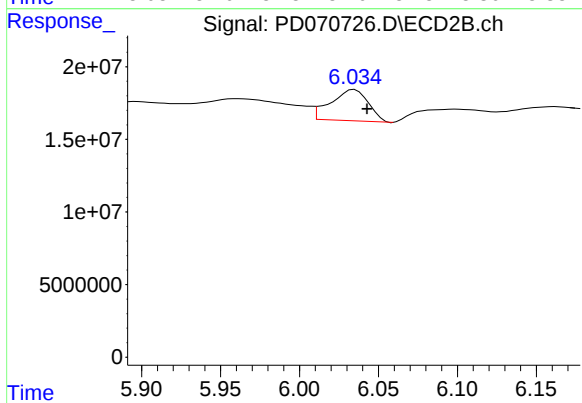
#7 delta-BHC

R.T.: 5.218 min  
Delta R.T.: -0.002 min  
Response: 1261658  
Conc: 0.04 ng/ml



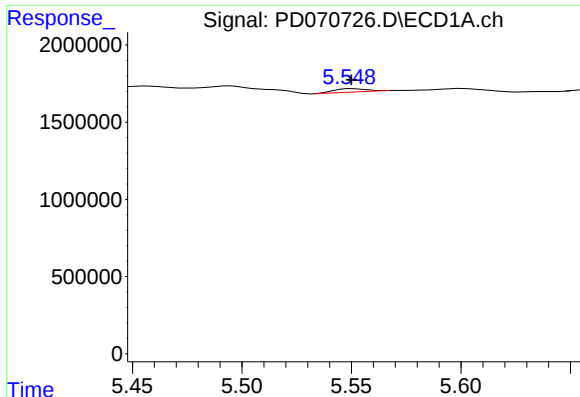
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 671953  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

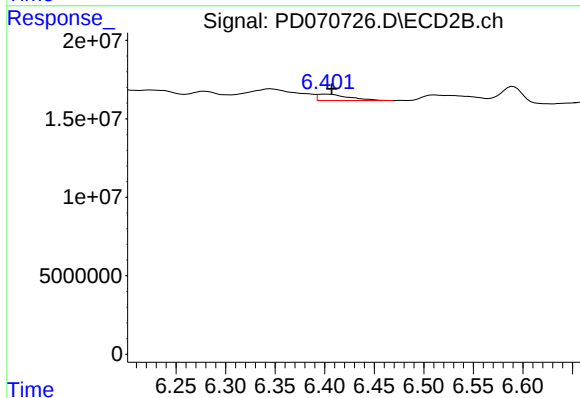
R.T.: 6.035 min  
Delta R.T.: -0.008 min  
Response: 35539094  
Conc: 1.56 ng/ml



#9 Endosulfan I

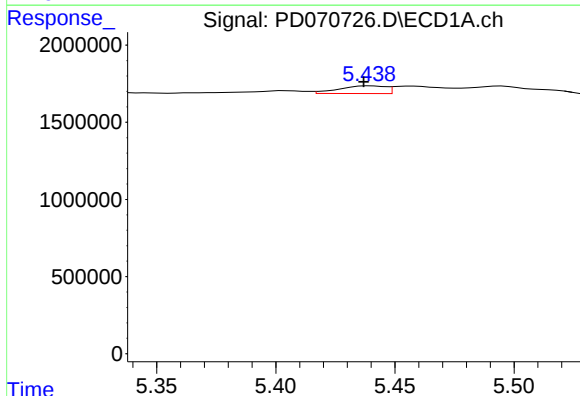
R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 232009  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



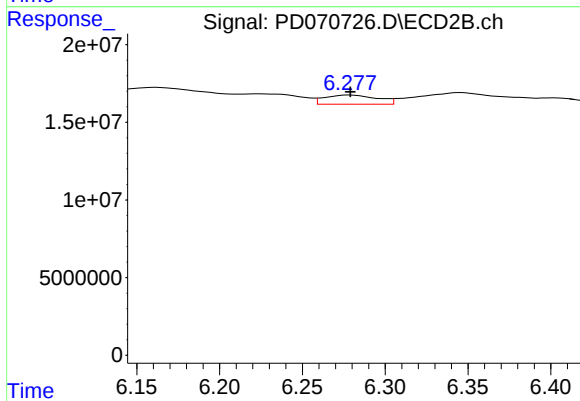
#9 Endosulfan I

R.T.: 6.402 min  
Delta R.T.: -0.005 min  
Response: 8871023  
Conc: 0.43 ng/ml



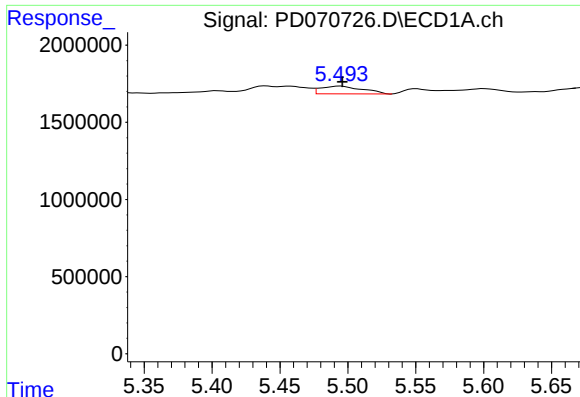
#10 gamma-Chlordane

R.T.: 5.440 min  
Delta R.T.: 0.003 min  
Response: 680152  
Conc: 0.22 ng/ml



#10 gamma-Chlordane

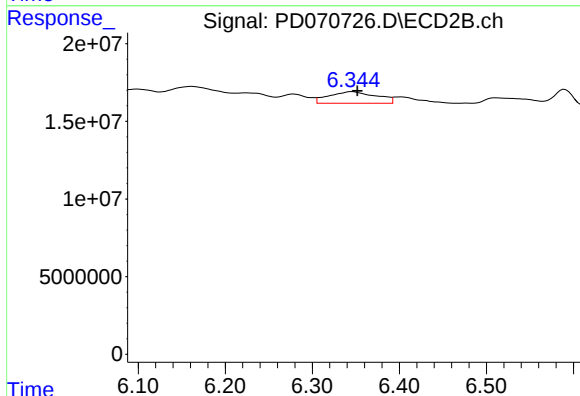
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 13018725  
Conc: 0.57 ng/ml



#11 alpha-Chlordane

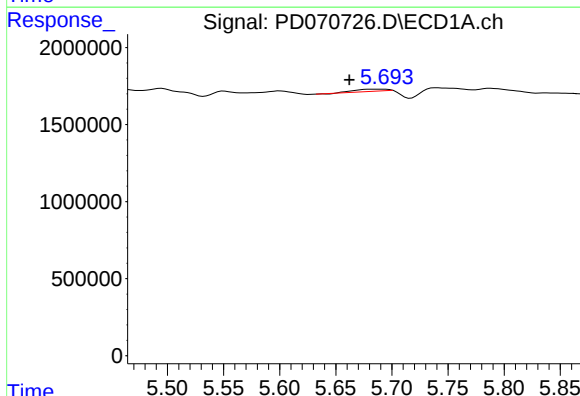
R.T.: 5.495 min  
Delta R.T.: -0.001 min  
Response: 1076725  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



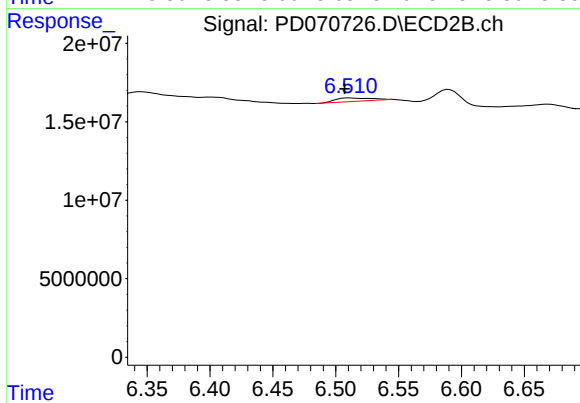
#11 alpha-Chlordane

R.T.: 6.345 min  
Delta R.T.: -0.006 min  
Response: 28341981  
Conc: 1.29 ng/ml



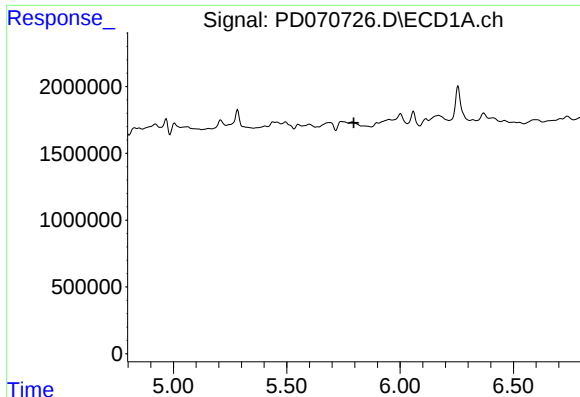
#12 4,4'-DDE

R.T.: 5.692 min  
Delta R.T.: 0.030 min  
Response: 296440  
Conc: 0.10 ng/ml



#12 4,4'-DDE

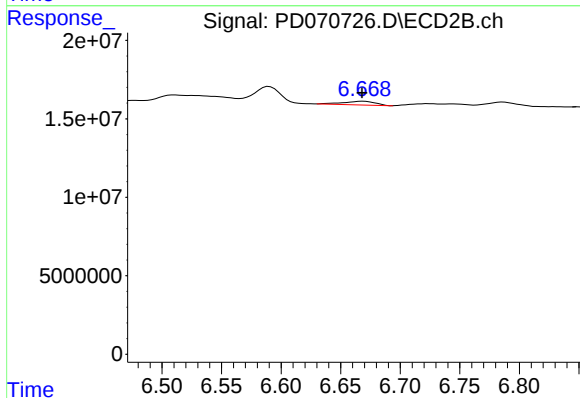
R.T.: 6.511 min  
Delta R.T.: 0.004 min  
Response: 3072413  
Conc: 0.15 ng/ml



#13 Dieldrin

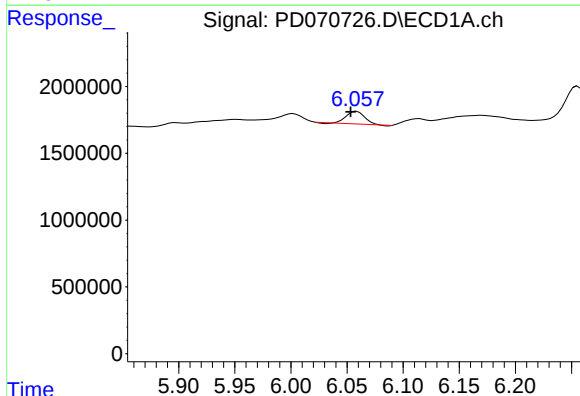
R.T.: 0.000 min  
Exp R.T.: 5.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



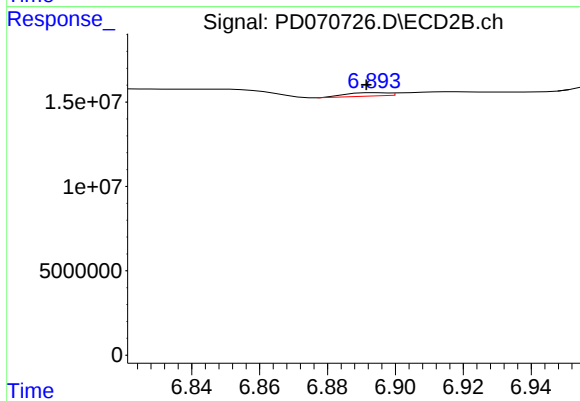
#13 Dieldrin

R.T.: 6.669 min  
Delta R.T.: 0.001 min  
Response: 4372942  
Conc: 0.22 ng/ml



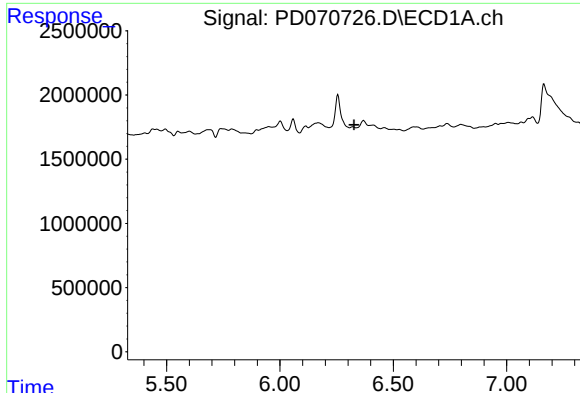
#14 Endrin

R.T.: 6.058 min  
Delta R.T.: 0.005 min  
Response: 1015152  
Conc: 0.38 ng/ml



#14 Endrin

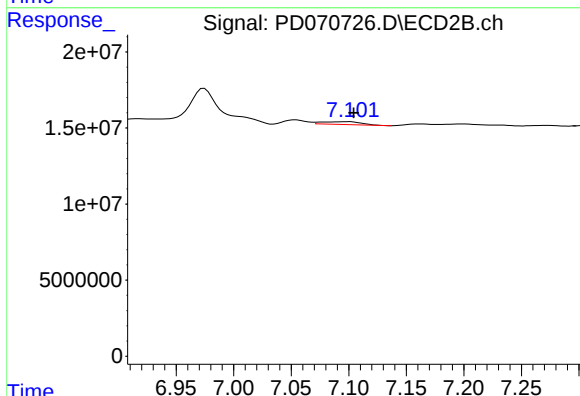
R.T.: 6.894 min  
Delta R.T.: 0.003 min  
Response: 1670145  
Conc: 0.11 ng/ml



#15 Endosulfan II

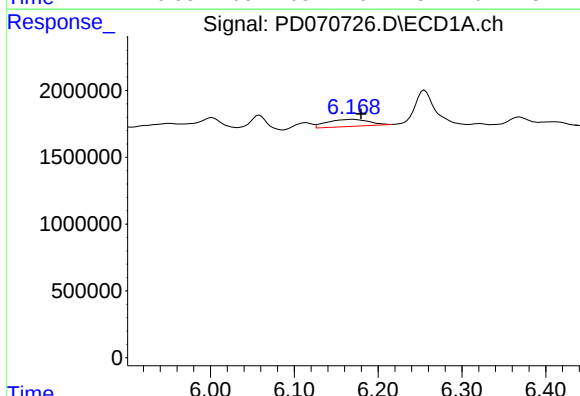
R.T.: 0.000 min  
Exp R.T.: 6.327 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



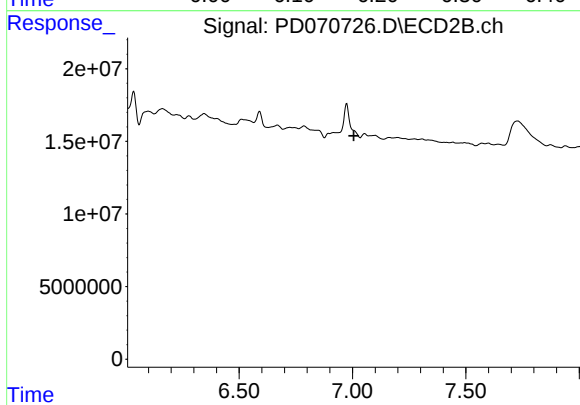
#15 Endosulfan II

R.T.: 7.099 min  
Delta R.T.: -0.005 min  
Response: 4414099  
Conc: 0.30 ng/ml



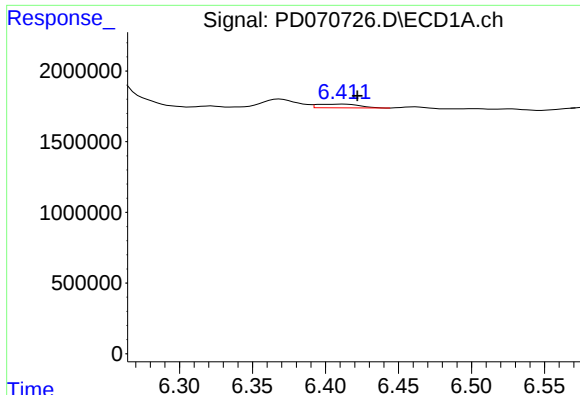
#16 4,4'-DDD

R.T.: 6.170 min  
Delta R.T.: -0.010 min  
Response: 1873602  
Conc: 0.77 ng/ml



#16 4,4'-DDD

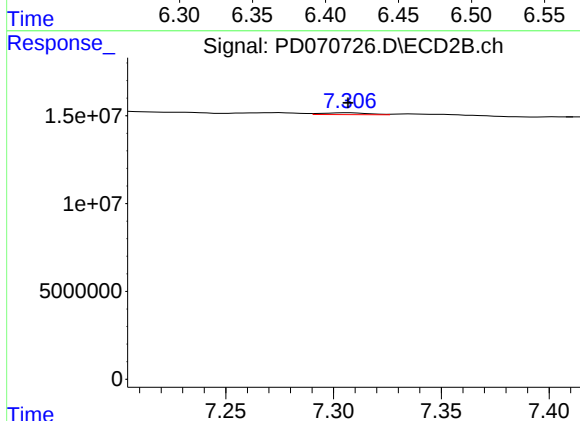
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

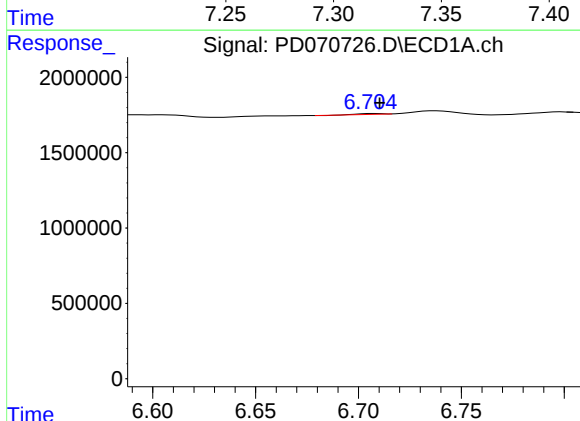
R.T.: 6.412 min  
Delta R.T.: -0.010 min  
Response: 541009  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



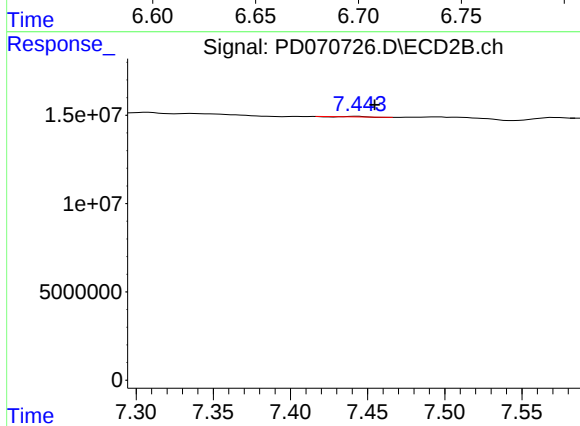
#17 4,4'-DDT

R.T.: 7.307 min  
Delta R.T.: 0.000 min  
Response: 1491960  
Conc: 0.10 ng/ml



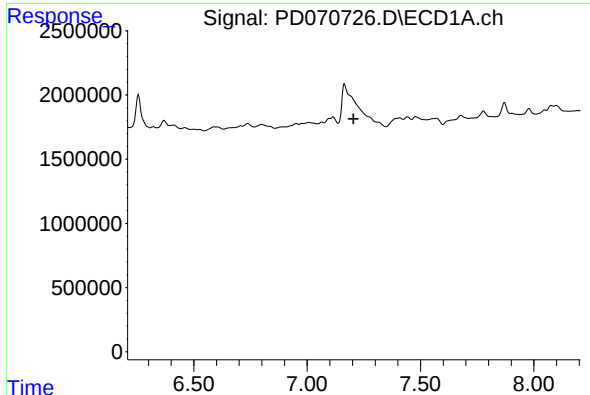
#19 Endosulfan Sulfate

R.T.: 6.707 min  
Delta R.T.: -0.003 min  
Response: 33892  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

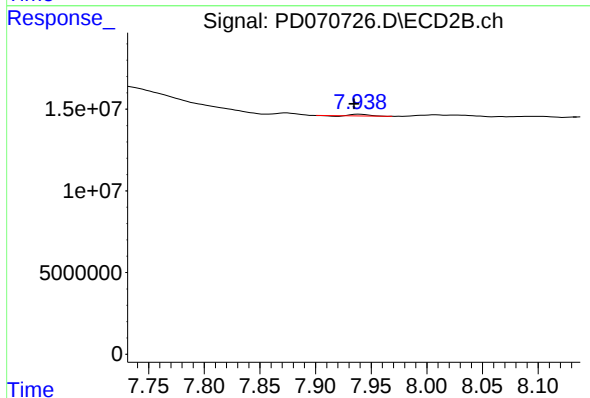
R.T.: 7.443 min  
Delta R.T.: -0.011 min  
Response: 123437  
Conc: 0.01 ng/ml



#21 Endrin ketone

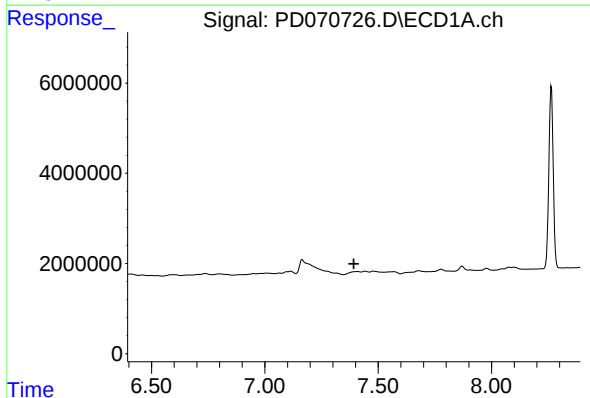
R.T.: 0.000 min  
Exp R.T.: 7.205 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



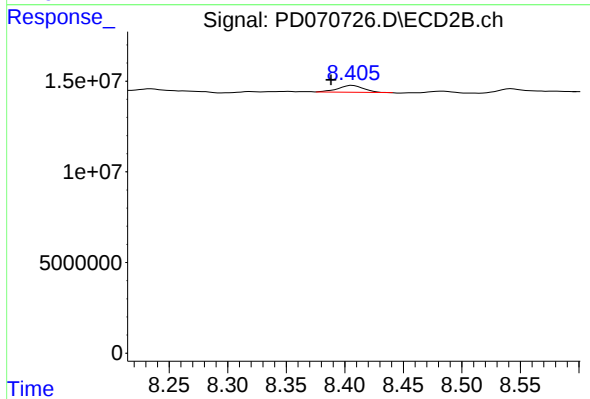
#21 Endrin ketone

R.T.: 7.939 min  
Delta R.T.: 0.005 min  
Response: 854676  
Conc: 0.07 ng/ml



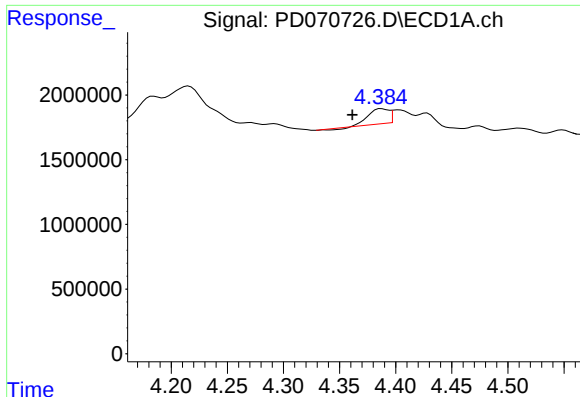
#22 Mirex

R.T.: 7.409 min  
Delta R.T.: 0.017 min  
Response: -178185  
Conc: N.D.



#22 Mirex

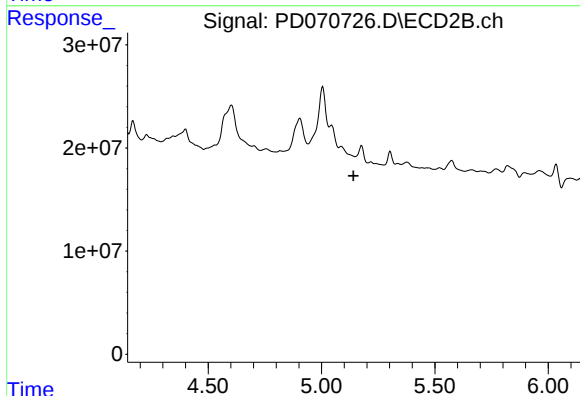
R.T.: 8.407 min  
Delta R.T.: 0.018 min  
Response: 5779043  
Conc: 0.72 ng/ml



#23 Chlordane-1

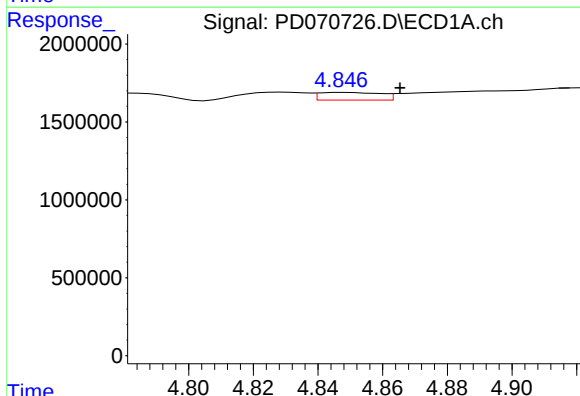
R.T.: 4.387 min  
Delta R.T.: 0.026 min  
Response: 1392824  
Conc: 16.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



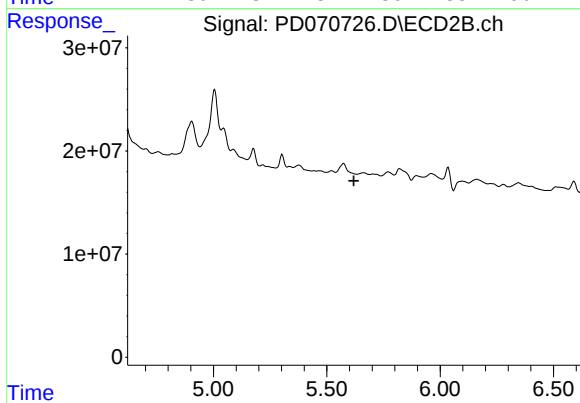
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.141 min  
Response: 0  
Conc: N.D.



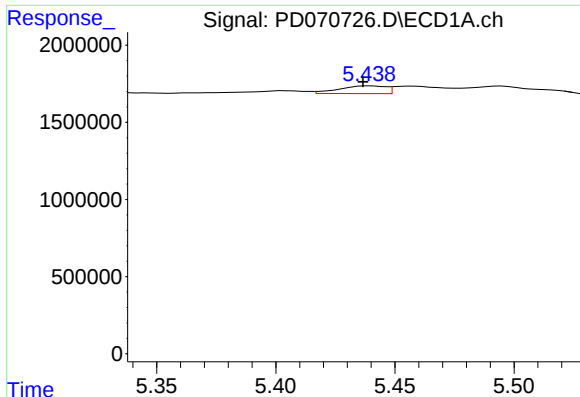
#24 Chlordane-2

R.T.: 4.848 min  
Delta R.T.: -0.017 min  
Response: 645233  
Conc: 6.64 ng/ml



#24 Chlordane-2

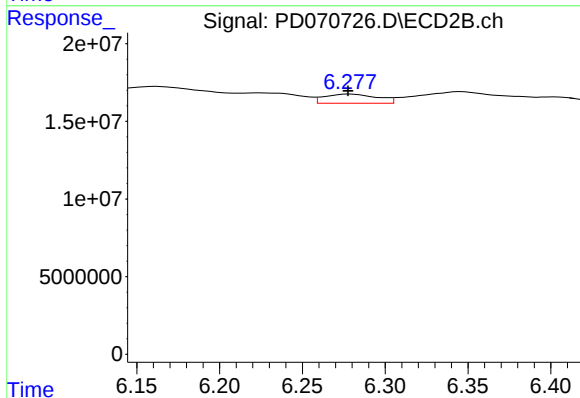
R.T.: 0.000 min  
Exp R.T. : 5.620 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

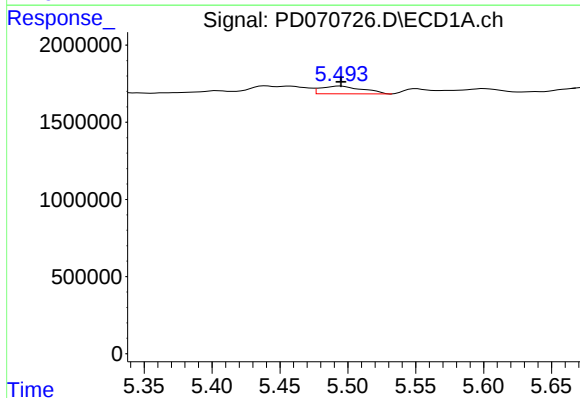
R.T.: 5.440 min  
Delta R.T.: 0.003 min  
Response: 680152  
Conc: 2.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



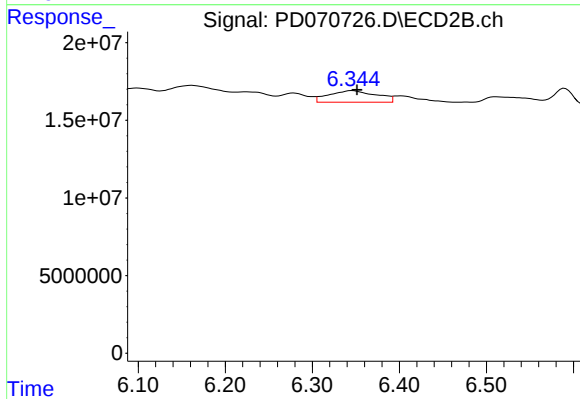
#25 Chlordane-3

R.T.: 6.279 min  
Delta R.T.: 0.001 min  
Response: 13018725  
Conc: 4.35 ng/ml



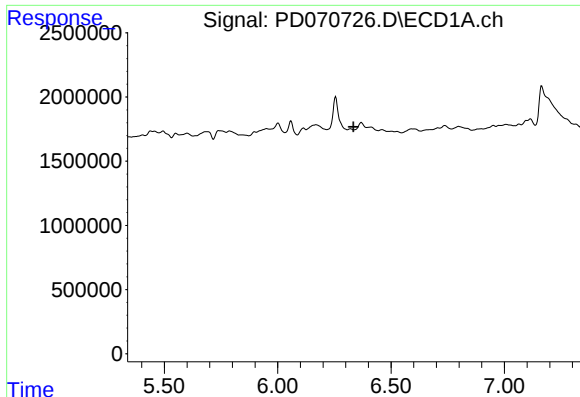
#26 Chlordane-4

R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 1076725  
Conc: 4.67 ng/ml



#26 Chlordane-4

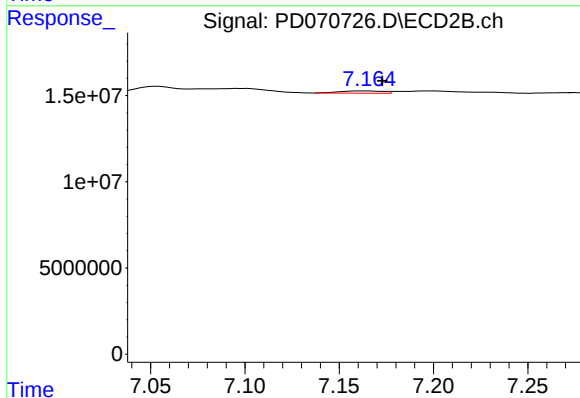
R.T.: 6.345 min  
Delta R.T.: -0.006 min  
Response: 28341981  
Conc: 8.17 ng/ml



#27 Chlordane-5

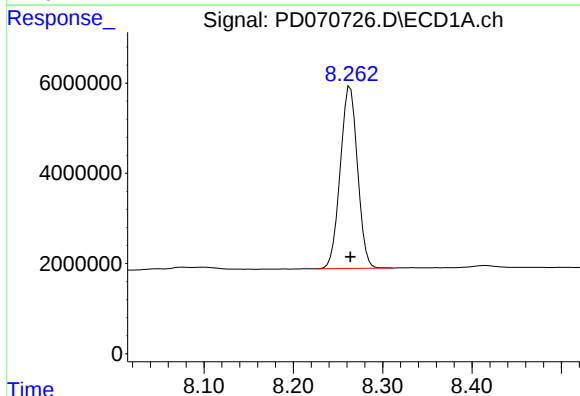
R.T.: 0.000 min  
Exp R.T.: 6.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



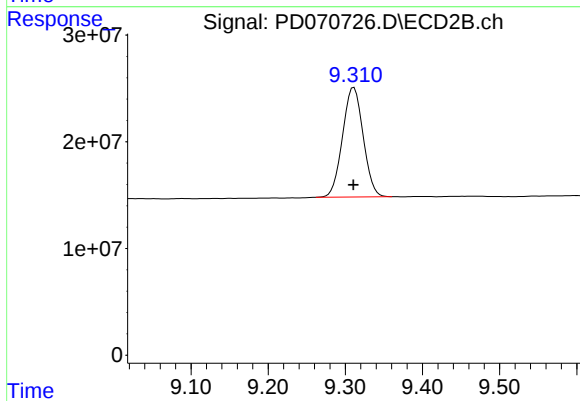
#27 Chlordane-5

R.T.: 7.163 min  
Delta R.T.: -0.010 min  
Response: 2115099  
Conc: 3.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.264 min  
Delta R.T.: 0.000 min  
Response: 54208345  
Conc: 21.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.311 min  
Delta R.T.: 0.000 min  
Response: 190628764  
Conc: 23.17 ng/ml