

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
 Data File : PD071391.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2022 11:36  
 Operator : AR\AJ  
 Sample : N4061-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 23:58:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:39:07 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... | 2.814  | 3.572  | 12883805 | 165.5E6   | 4.543  | 5.879 #   |
| 28)                         | SA Decachlor... | 8.013  | 9.100  | 15073709 | 63784384  | 5.435  | 6.161     |
| Target Compounds            |                 |        |        |          |           |        |           |
| 2)                          | A alpha-BHC     | 3.351f | 4.045  | 474865   | 2123578   | 0.113  | 0.057 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.371  | 0        | 8139137   | N.D.   | 0.272 #   |
| 4)                          | MA Heptachlor   | 4.004  | 4.978f | 10978740 | 8867074   | 2.588  | 0.419 #   |
| 5)                          | MB Aldrin       | 4.303  | 5.327f | 63299000 | -7927165  | 15.521 | N.D. #    |
| 6)                          | B beta-BHC      | 0.000  | 4.601f | 0        | 3306799   | N.D.   | 0.279 #   |
| 7)                          | B delta-BHC     | 4.201  | 4.832  | 5047078  | 2106033   | 1.286  | 0.106 #   |
| 8)                          | Heptachlo...    | 4.824f | 5.718  | 795694   | 95951052  | 0.217  | 7.342 #   |
| 9)                          | A Endosulfan I  | 5.201f | 6.093f | 3502970  | 17640260  | 1.023  | 1.283 #   |
| 10)                         | B gamma-Chl...  | 5.076f | 5.999f | 18163712 | -54260747 | 4.780  | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.101f | 6.059  | 6671908  | 40582619  | 1.796  | 2.799 #   |
| 12)                         | B 4,4'-DDE      | 5.304  | 6.231  | 5038816  | 81947437  | 1.472  | 5.733 #   |
| 13)                         | MA Dieldrin     | 5.437  | 6.379f | 23442597 | 47318233  | 6.472  | 3.220 #   |
| 14)                         | MA Endrin       | 5.720  | 6.614  | -3378501 | 93674591  | N.D.   | 7.489     |
| 15)                         | B Endosulfa...  | 6.000  | 6.824f | 8170653  | 5138217   | 2.719  | 0.414 #   |
| 16)                         | A 4,4'-DDD      | 5.862  | 6.756  | 323171   | 111.8E6   | 0.113  | 9.399 #   |
| 17)                         | MA 4,4'-DDT     | 6.111  | 7.065  | 34844761 | 13805611  | 11.805 | 1.058 #   |
| 18)                         | B Endrin al...  | 6.210f | 6.977  | 2925509  | 14893181  | 1.327  | 1.537     |
| 19)                         | B Endosulfa...  | 6.415  | 0.000  | 4721334  | 0         | 1.642  | N.D. #    |
| 20)                         | A Methoxychlor  | 6.672f | 0.000  | 16013091 | 0         | 9.708  | N.D. #    |
| 21)                         | B Endrin ke...  | 6.928  | 7.706  | -7706    | 2096496   | N.D.   | 0.156     |
| 22)                         | Mirex           | 0.000  | 8.180  | 0        | 1385237   | N.D.   | 0.161 #   |
| 23)                         | Chlordane-1     | 3.828  | 4.730  | 2550892  | 119.1E6   | 23.758 | 157.358 # |
| 24)                         | Chlordane-2     | 0.000  | 5.265  | 0        | 710518    | N.D.   | 1.186 #   |
| 25)                         | Chlordane-3     | 5.076f | 5.999f | 18163712 | -54260747 | 53.195 | N.D. #    |
| 26)                         | Chlordane-4     | 5.101f | 6.059  | 6671908  | 40582619  | 21.030 | 18.619    |
| 27)                         | Chlordane-5     | 6.000f | 6.938f | 8170653  | 3439053   | 67.578 | 7.604 #   |
| -----                       |                 |        |        |          |           |        |           |

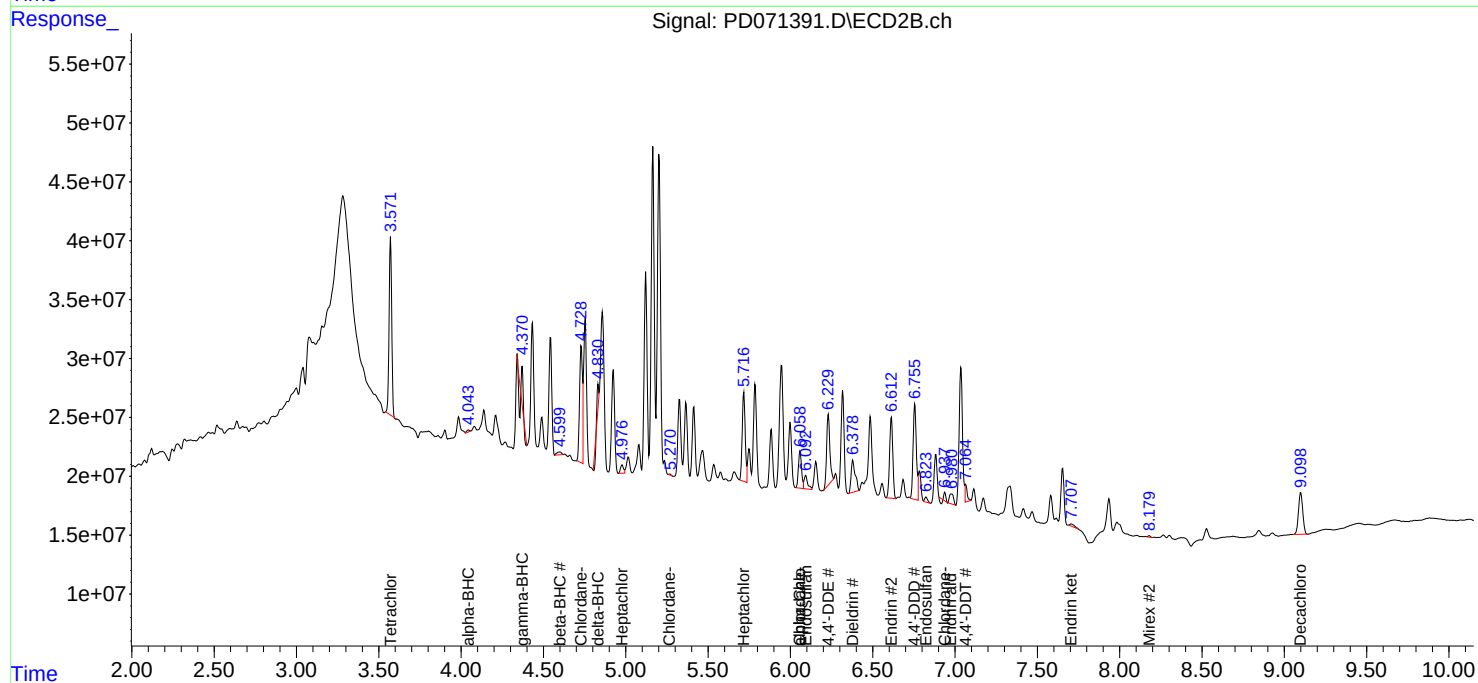
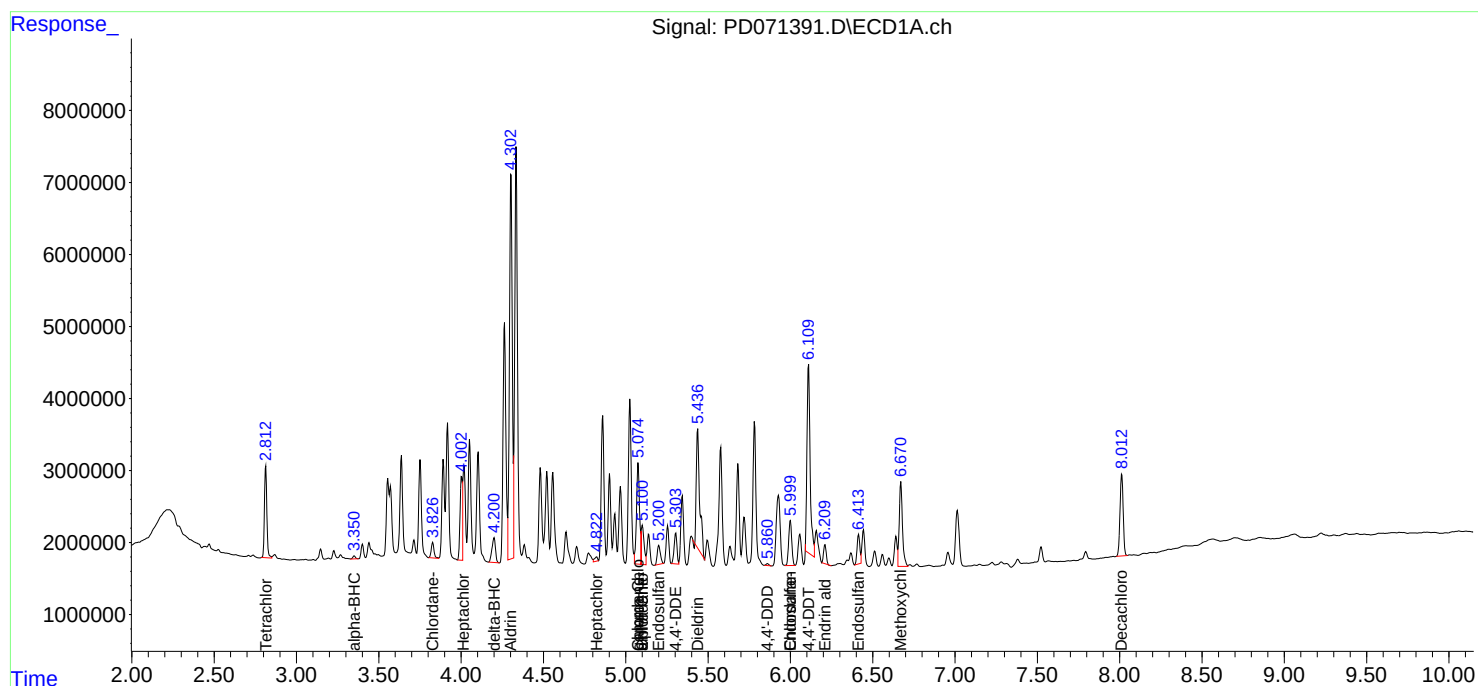
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

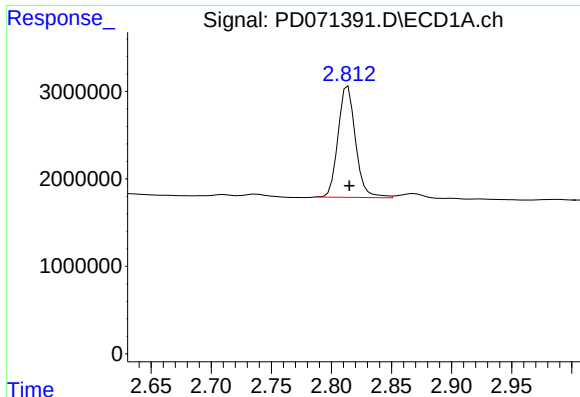
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
Data File : PD071391.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2022 11:36  
Operator : AR\AJ  
Sample : N4061-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 23:58:43 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 03:39:07 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

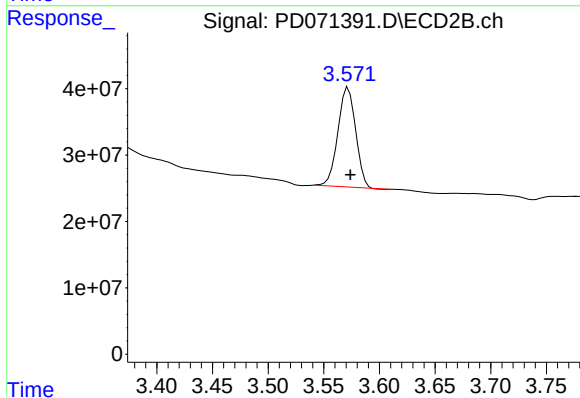




#1 Tetrachloro-m-xylene

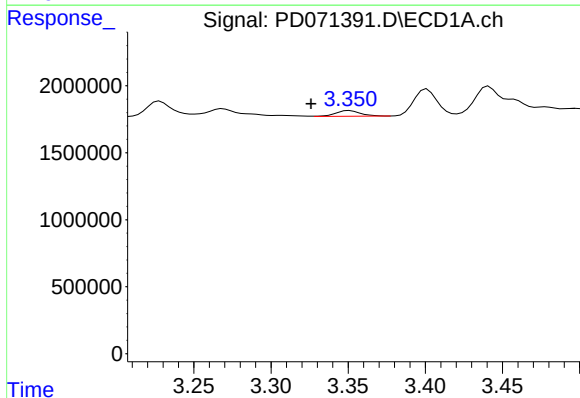
R.T.: 2.814 min  
Delta R.T.: -0.001 min  
Response: 12883805  
Conc: 4.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



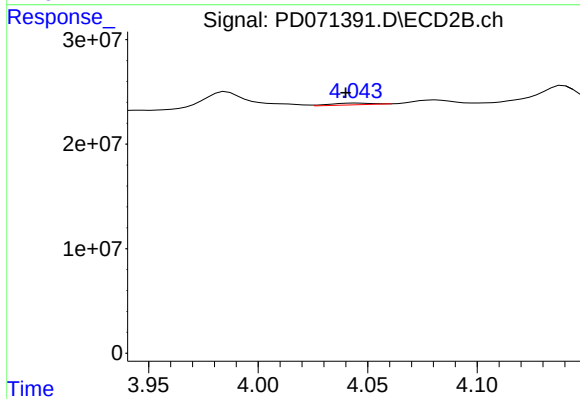
#1 Tetrachloro-m-xylene

R.T.: 3.572 min  
Delta R.T.: -0.002 min  
Response: 165495800  
Conc: 5.88 ng/ml



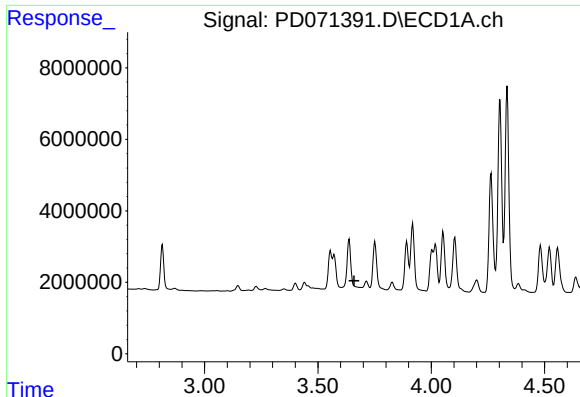
#2 alpha-BHC

R.T.: 3.351 min  
Delta R.T.: 0.025 min  
Response: 474865  
Conc: 0.11 ng/ml



#2 alpha-BHC

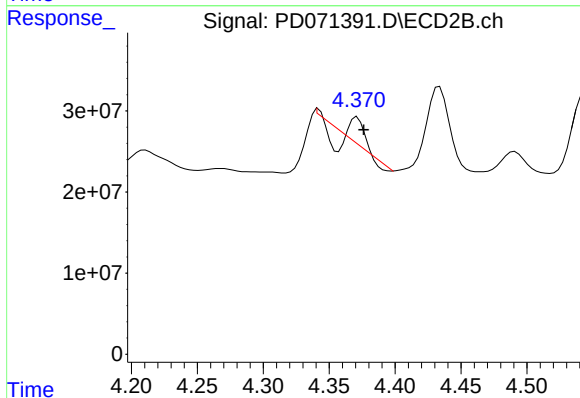
R.T.: 4.045 min  
Delta R.T.: 0.005 min  
Response: 2123578  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

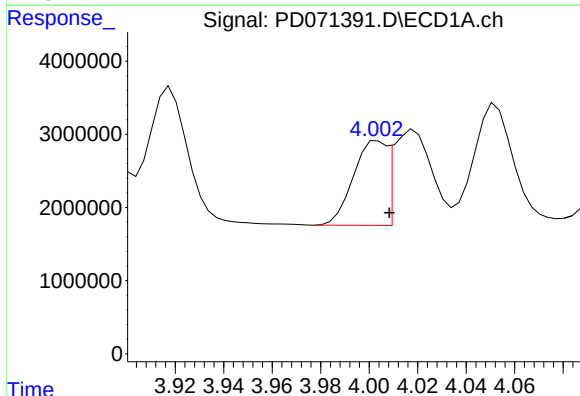
R.T.: 0.000 min  
Exp R.T.: 3.660 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



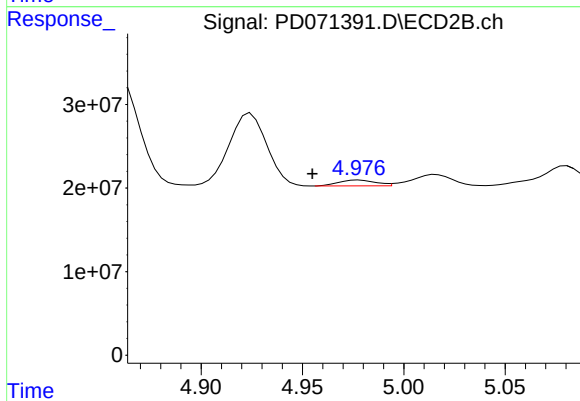
#3 gamma-BHC (Lindane)

R.T.: 4.371 min  
Delta R.T.: -0.005 min  
Response: 8139137  
Conc: 0.27 ng/ml



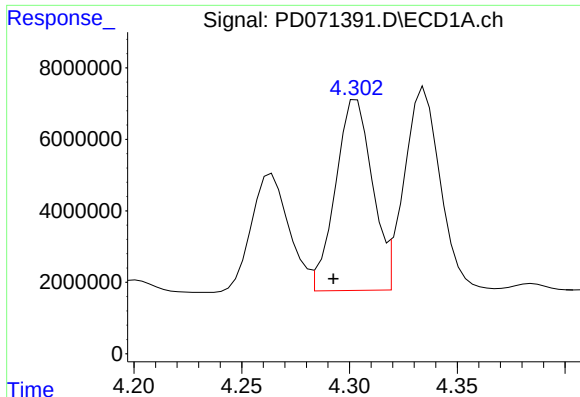
#4 Heptachlor

R.T.: 4.004 min  
Delta R.T.: -0.005 min  
Response: 10978740  
Conc: 2.59 ng/ml



#4 Heptachlor

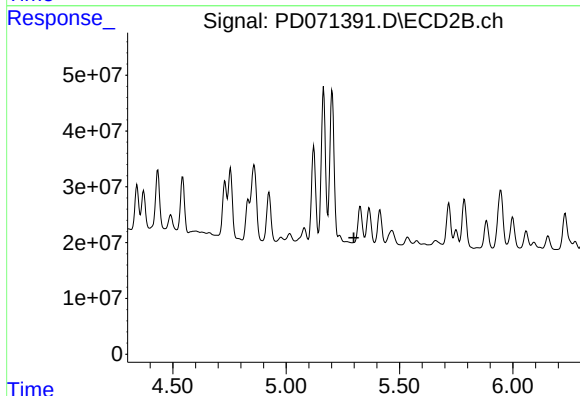
R.T.: 4.978 min  
Delta R.T.: 0.023 min  
Response: 8867074  
Conc: 0.42 ng/ml



#5 Aldrin

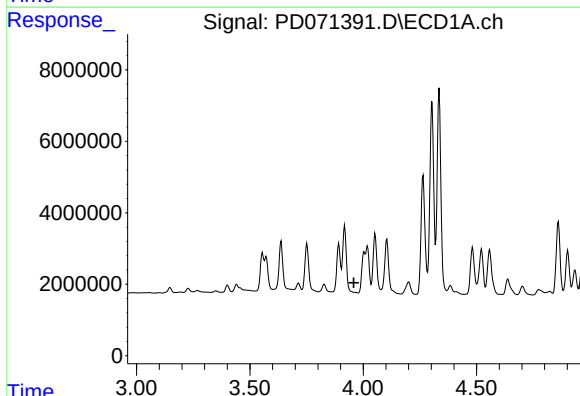
R.T.: 4.303 min  
Delta R.T.: 0.011 min  
Response: 63299000  
Conc: 15.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



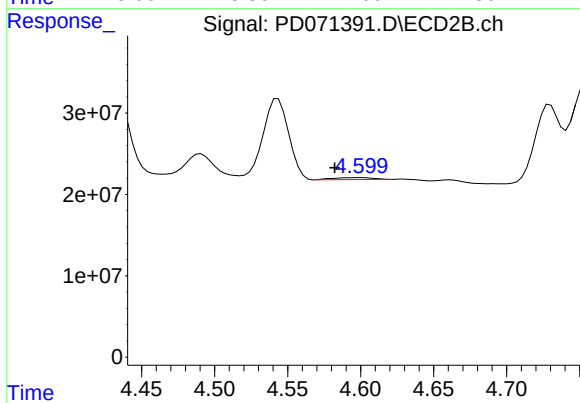
#5 Aldrin

R.T.: 5.327 min  
Delta R.T.: 0.029 min  
Response: -7927165  
Conc: N.D.



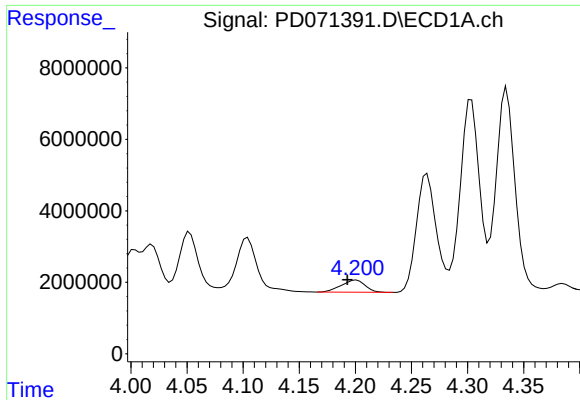
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.958 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

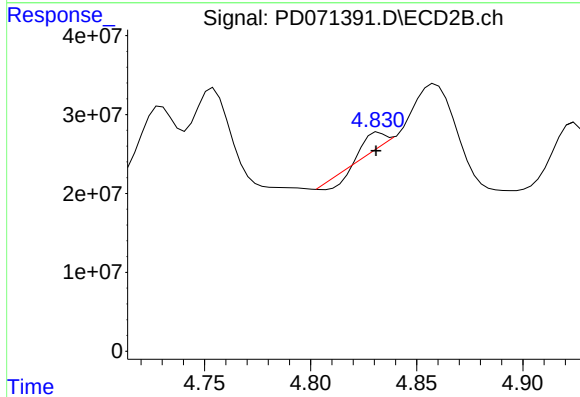
R.T.: 4.601 min  
Delta R.T.: 0.018 min  
Response: 3306799  
Conc: 0.28 ng/ml



#7 delta-BHC

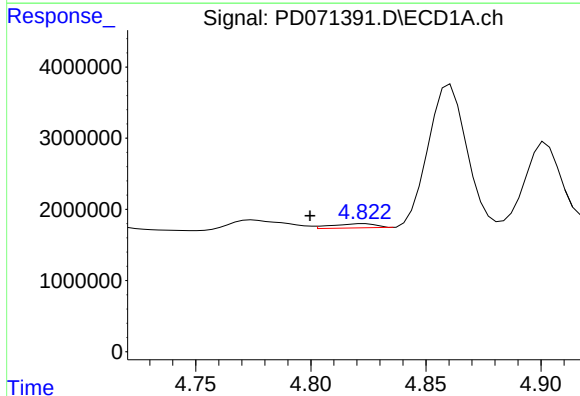
R.T.: 4.201 min  
Delta R.T.: 0.008 min  
Response: 5047078  
Conc: 1.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



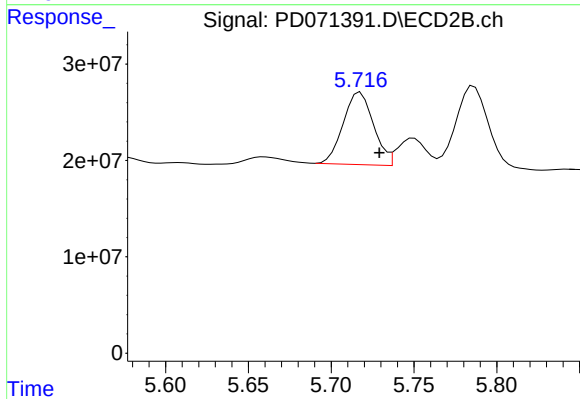
#7 delta-BHC

R.T.: 4.832 min  
Delta R.T.: 0.002 min  
Response: 2106033  
Conc: 0.11 ng/ml



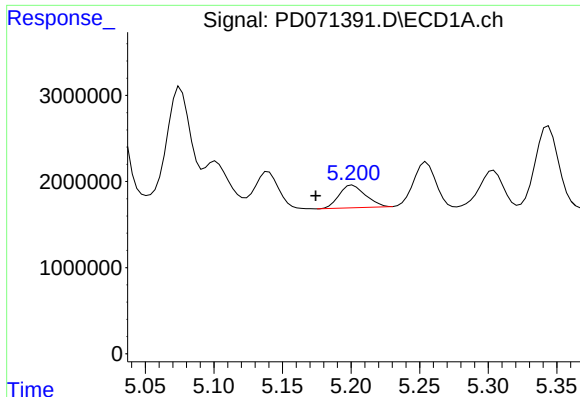
#8 Heptachlor epoxide

R.T.: 4.824 min  
Delta R.T.: 0.024 min  
Response: 795694  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

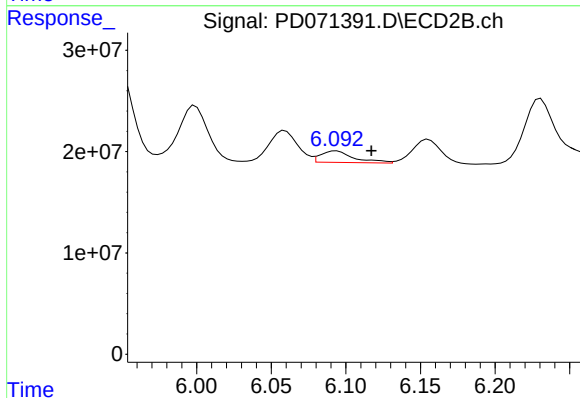
R.T.: 5.718 min  
Delta R.T.: -0.012 min  
Response: 95951052  
Conc: 7.34 ng/ml



#9 Endosulfan I

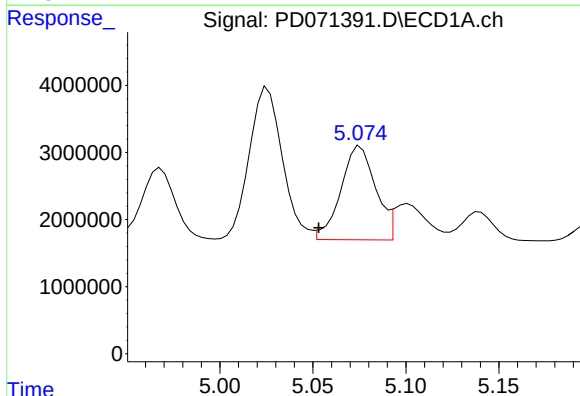
R.T.: 5.201 min  
Delta R.T.: 0.027 min  
Response: 3502970  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



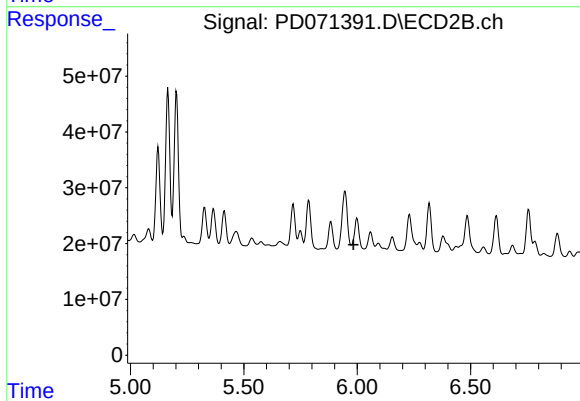
#9 Endosulfan I

R.T.: 6.093 min  
Delta R.T.: -0.024 min  
Response: 17640260  
Conc: 1.28 ng/ml



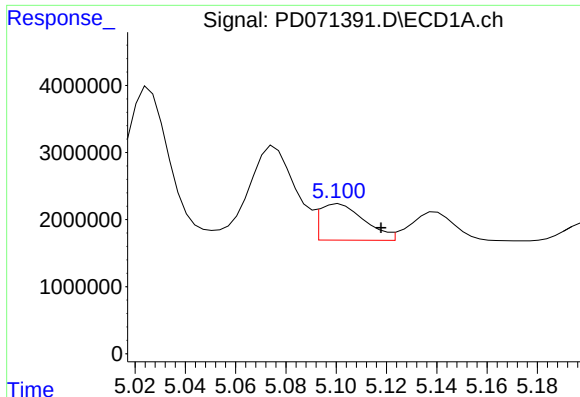
#10 gamma-Chlordane

R.T.: 5.076 min  
Delta R.T.: 0.022 min  
Response: 18163712  
Conc: 4.78 ng/ml



#10 gamma-Chlordane

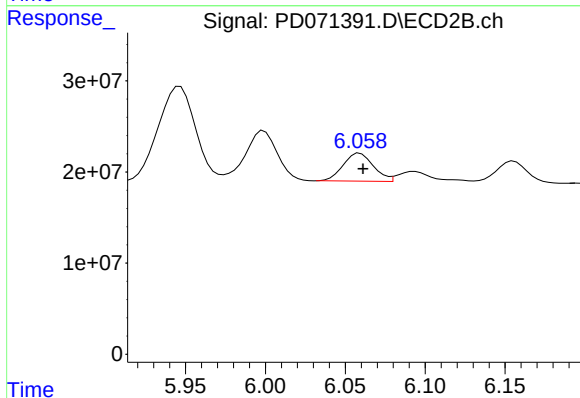
R.T.: 5.999 min  
Delta R.T.: 0.015 min  
Response: -54260747  
Conc: N.D.



#11 alpha-Chlordane

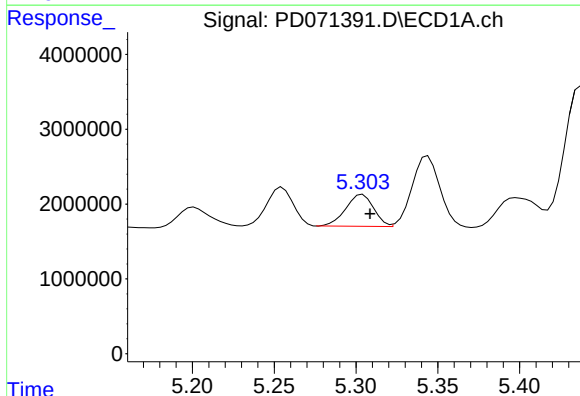
R.T.: 5.101 min  
Delta R.T.: -0.017 min  
Response: 6671908  
Conc: 1.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



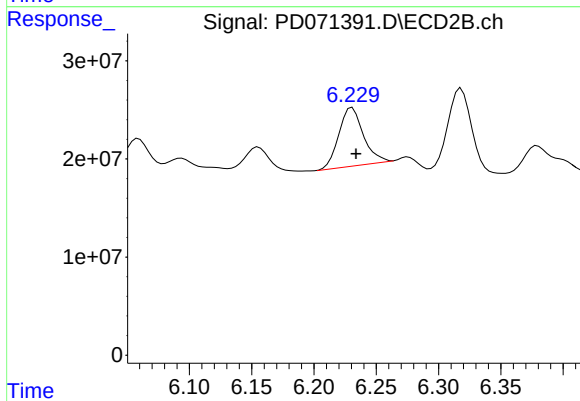
#11 alpha-Chlordane

R.T.: 6.059 min  
Delta R.T.: -0.002 min  
Response: 40582619  
Conc: 2.80 ng/ml



#12 4,4'-DDE

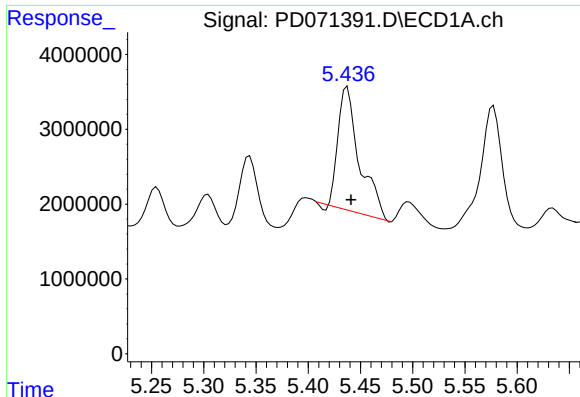
R.T.: 5.304 min  
Delta R.T.: -0.005 min  
Response: 5038816  
Conc: 1.47 ng/ml



#12 4,4'-DDE

R.T.: 6.231 min  
Delta R.T.: -0.003 min  
Response: 81947437  
Conc: 5.73 ng/ml

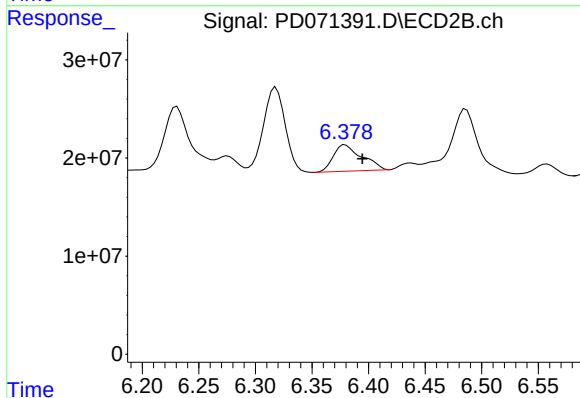




#13 Dieldrin

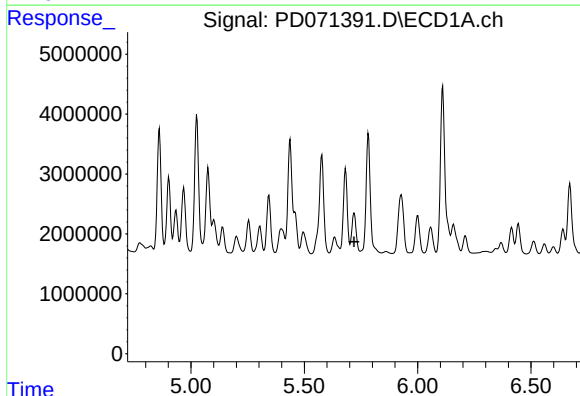
R.T.: 5.437 min  
Delta R.T.: -0.004 min  
Response: 23442597  
Conc: 6.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



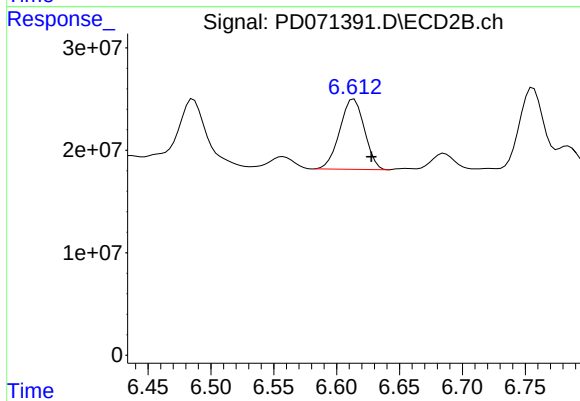
#13 Dieldrin

R.T.: 6.379 min  
Delta R.T.: -0.015 min  
Response: 47318233  
Conc: 3.22 ng/ml



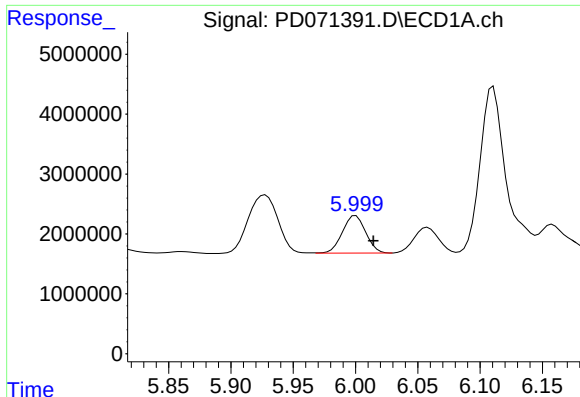
#14 Endrin

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: -3378501  
Conc: N.D.



#14 Endrin

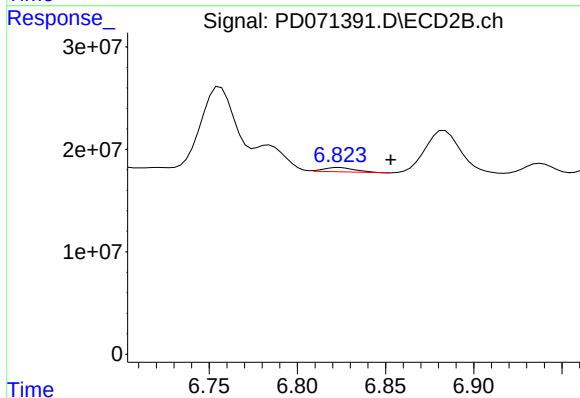
R.T.: 6.614 min  
Delta R.T.: -0.014 min  
Response: 93674591  
Conc: 7.49 ng/ml



#15 Endosulfan II

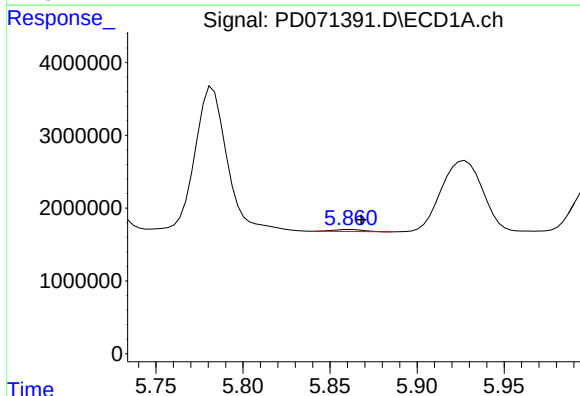
R.T.: 6.000 min  
Delta R.T.: -0.014 min  
Response: 8170653  
Conc: 2.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



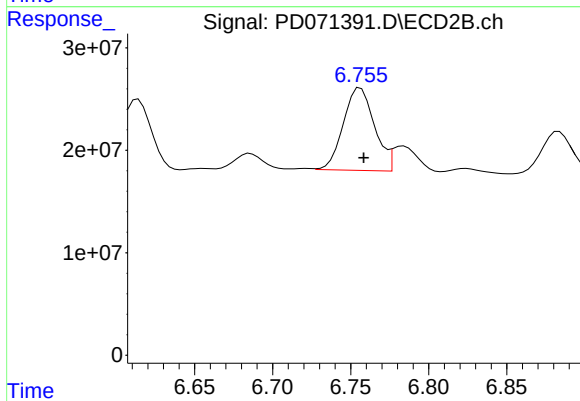
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: -0.029 min  
Response: 5138217  
Conc: 0.41 ng/ml



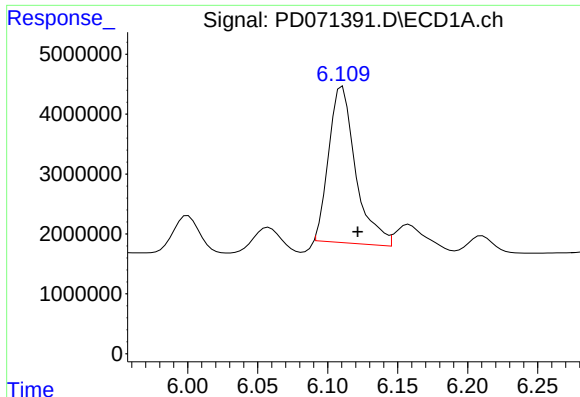
#16 4,4'-DDD

R.T.: 5.862 min  
Delta R.T.: -0.006 min  
Response: 323171  
Conc: 0.11 ng/ml



#16 4,4'-DDD

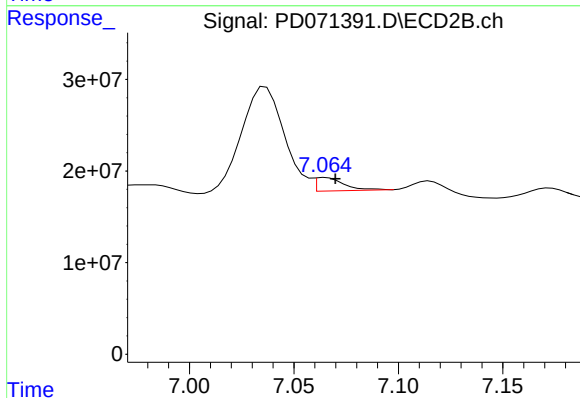
R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 111785323  
Conc: 9.40 ng/ml



#17 4,4'-DDT

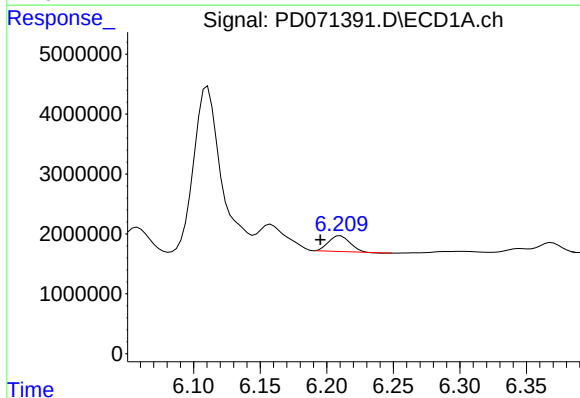
R.T.: 6.111 min  
Delta R.T.: -0.011 min  
Response: 34844761  
Conc: 11.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



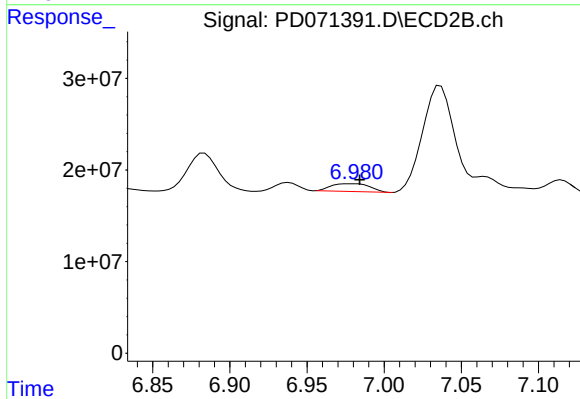
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.005 min  
Response: 13805611  
Conc: 1.06 ng/ml



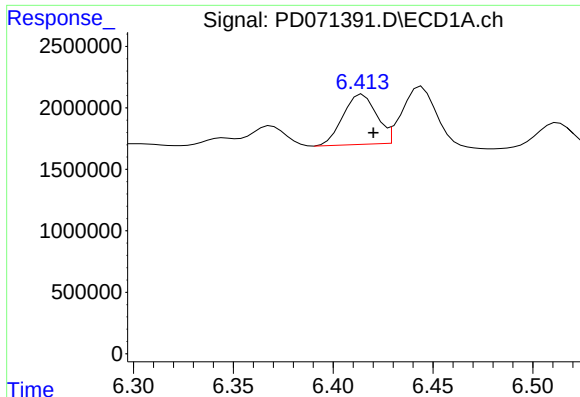
#18 Endrin aldehyde

R.T.: 6.210 min  
Delta R.T.: 0.015 min  
Response: 2925509  
Conc: 1.33 ng/ml



#18 Endrin aldehyde

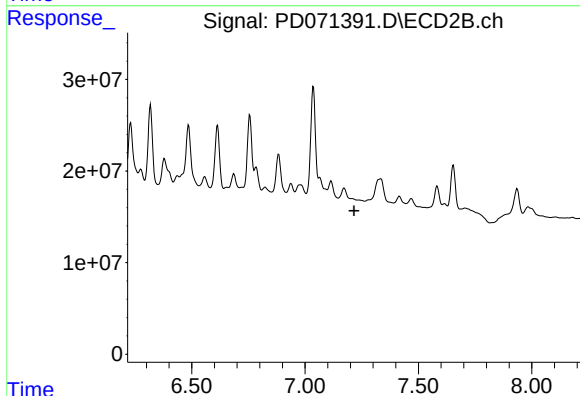
R.T.: 6.977 min  
Delta R.T.: -0.007 min  
Response: 14893181  
Conc: 1.54 ng/ml



#19 Endosulfan Sulfate

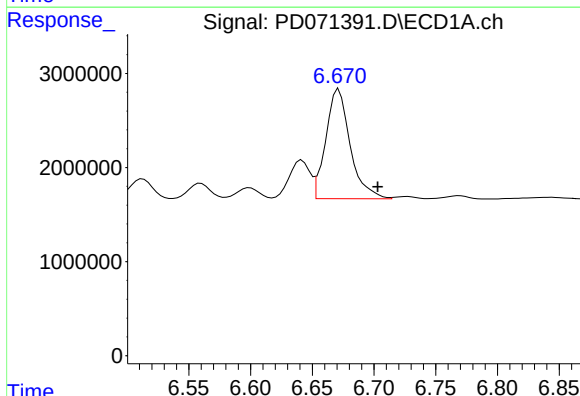
R.T.: 6.415 min  
Delta R.T.: -0.005 min  
Response: 4721334  
Conc: 1.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



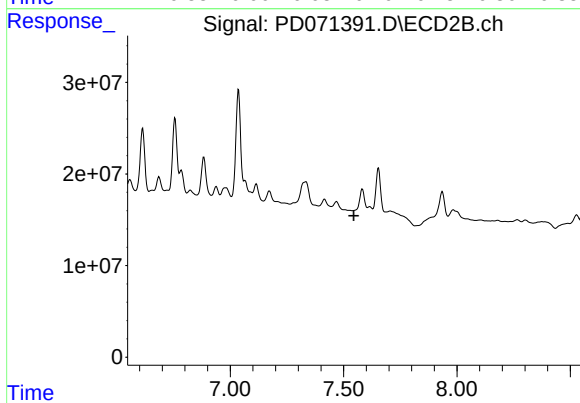
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.217 min  
Response: 0  
Conc: N.D.



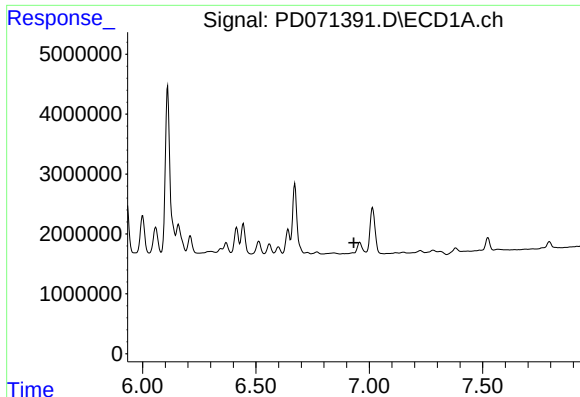
#20 Methoxychlor

R.T.: 6.672 min  
Delta R.T.: -0.032 min  
Response: 16013091  
Conc: 9.71 ng/ml



#20 Methoxychlor

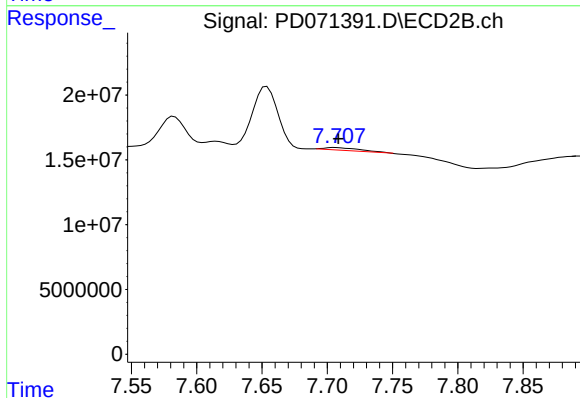
R.T.: 0.000 min  
Exp R.T. : 7.545 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

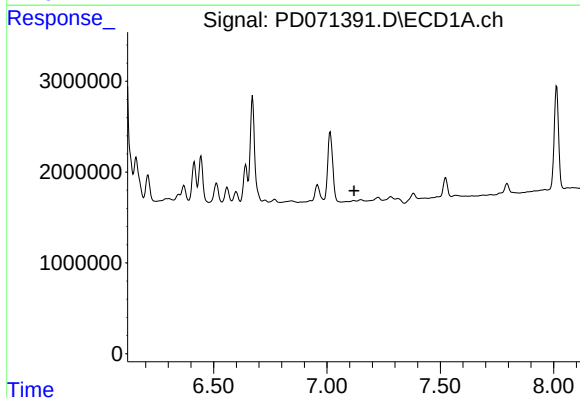
R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: -7706  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



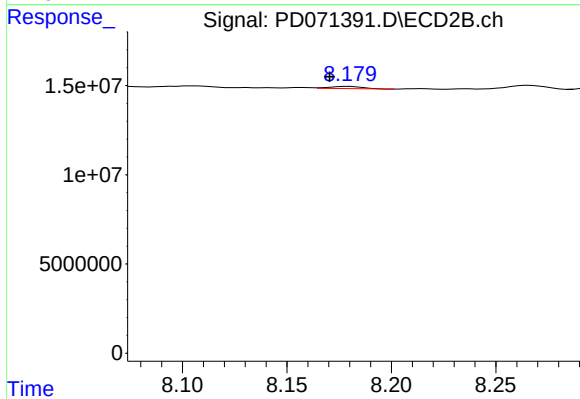
#21 Endrin ketone

R.T.: 7.706 min  
Delta R.T.: -0.002 min  
Response: 2096496  
Conc: 0.16 ng/ml



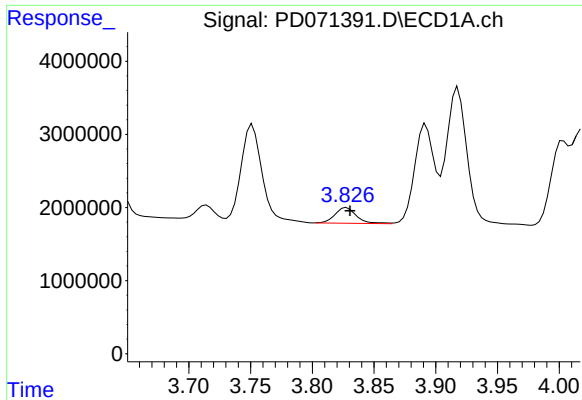
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.119 min  
Response: 0  
Conc: N.D.



#22 Mirex

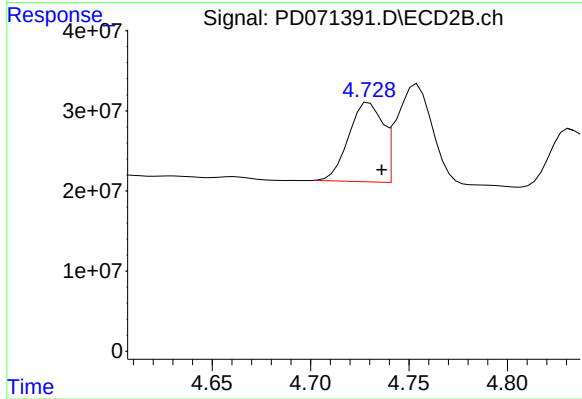
R.T.: 8.180 min  
Delta R.T.: 0.009 min  
Response: 1385237  
Conc: 0.16 ng/ml



#23 Chlordane-1

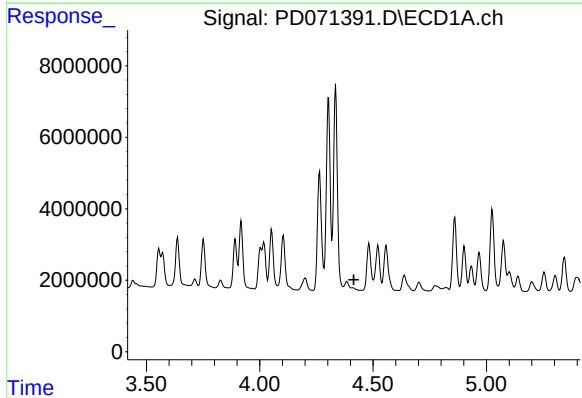
R.T.: 3.828 min  
Delta R.T.: -0.003 min  
Response: 2550892  
Conc: 23.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



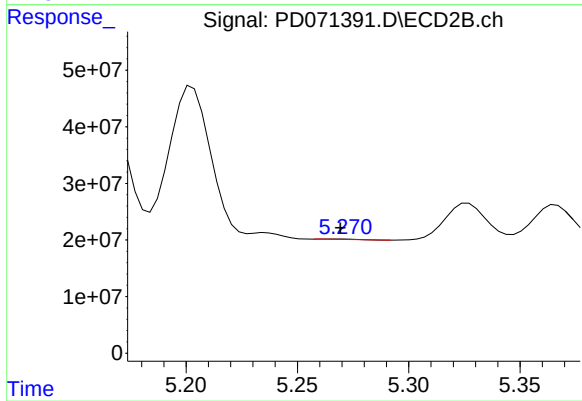
#23 Chlordane-1

R.T.: 4.730 min  
Delta R.T.: -0.006 min  
Response: 119076606  
Conc: 157.36 ng/ml



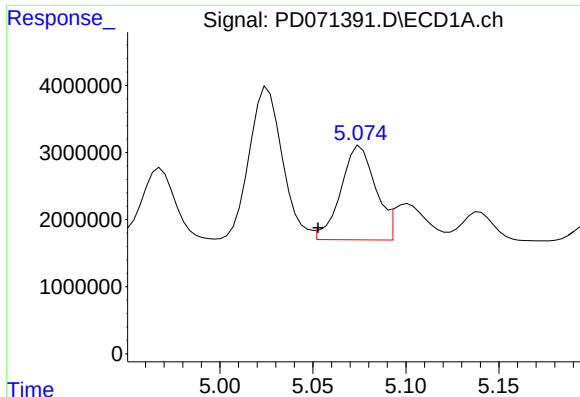
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.415 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

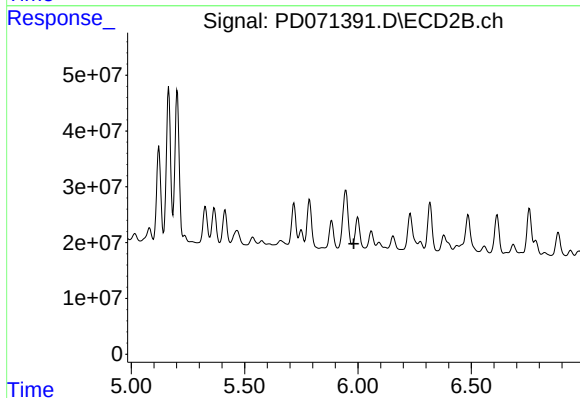
R.T.: 5.265 min  
Delta R.T.: -0.004 min  
Response: 710518  
Conc: 1.19 ng/ml



#25 Chlordane-3

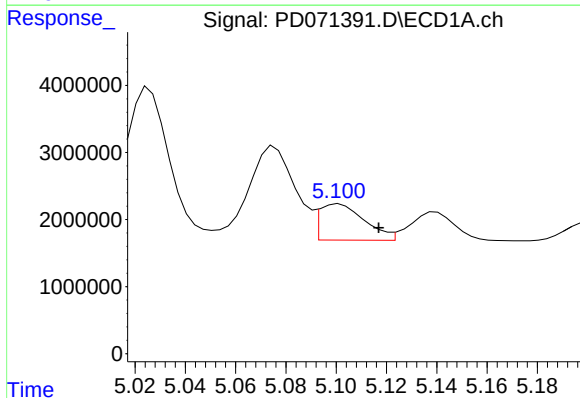
R.T.: 5.076 min  
Delta R.T.: 0.023 min  
Response: 18163712  
Conc: 53.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



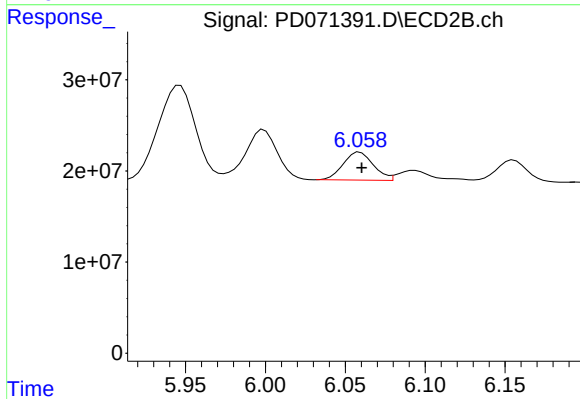
#25 Chlordane-3

R.T.: 5.999 min  
Delta R.T.: 0.017 min  
Response: -54260747  
Conc: N.D.



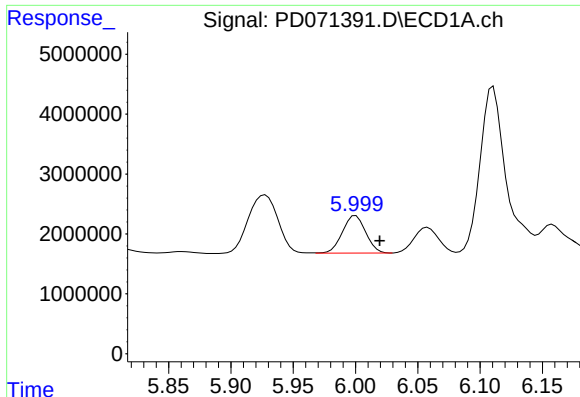
#26 Chlordane-4

R.T.: 5.101 min  
Delta R.T.: -0.016 min  
Response: 6671908  
Conc: 21.03 ng/ml



#26 Chlordane-4

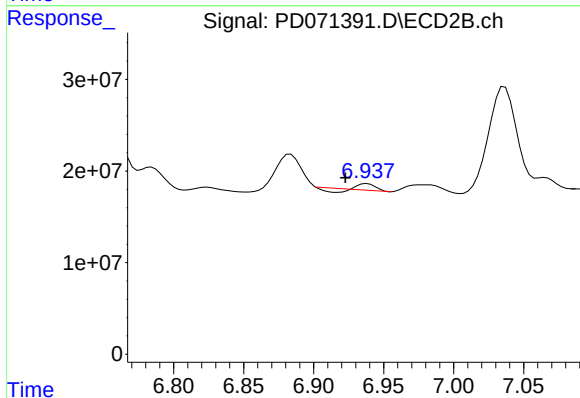
R.T.: 6.059 min  
Delta R.T.: -0.001 min  
Response: 40582619  
Conc: 18.62 ng/ml



#27 Chlordane-5

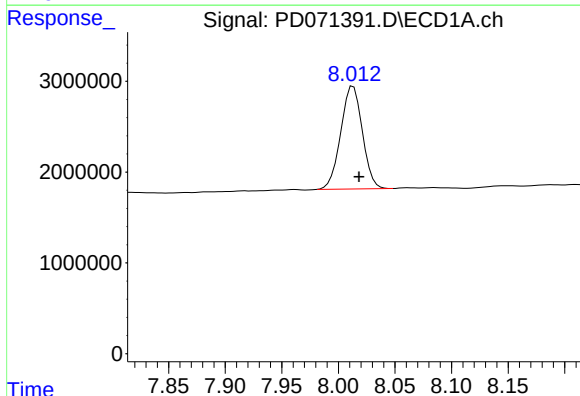
R.T.: 6.000 min  
Delta R.T.: -0.019 min  
Response: 8170653  
Conc: 67.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



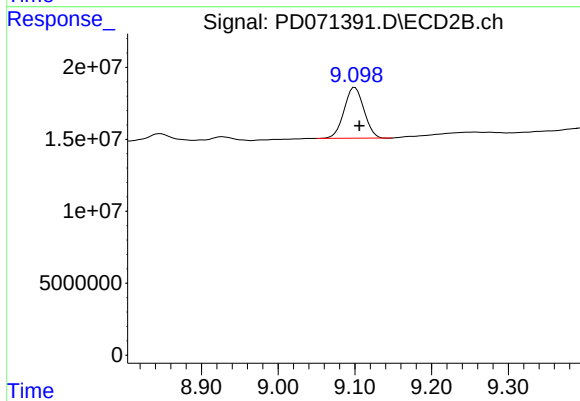
#27 Chlordane-5

R.T.: 6.938 min  
Delta R.T.: 0.015 min  
Response: 3439053  
Conc: 7.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.013 min  
Delta R.T.: -0.005 min  
Response: 15073709  
Conc: 5.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: -0.006 min  
Response: 63784384  
Conc: 6.16 ng/ml