

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
 Data File : PD071400.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2022 13:37  
 Operator : AR\AJ  
 Sample : N4056-01 10X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 00:05:17 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... | 2.813  | 3.574  | 1914549  | 71267054 | 0.675   | 2.532 #   |
| 2)                          | SA Decachlor... | 8.007  | 9.097  | 1401103  | 46888541 | 0.505   | 4.529 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.303f | 4.041  | 2887336  | 85607548 | 0.689   | 2.306 #   |
| 3)                          | MA gamma-BHC... | 3.664  | 0.000  | 11523670 | 0        | 2.881   | N.D. #    |
| 4)                          | MA Heptachlor   | 3.993f | 4.983f | 2050819  | 23438746 | 0.484   | 1.109 #   |
| 5)                          | MB Aldrin       | 4.311f | 5.294  | 1999109  | 46644592 | 0.490   | 2.641 #   |
| 6)                          | B beta-BHC      | 3.950  | 4.561f | 1887604  | 64298706 | 1.105   | 5.429 #   |
| 7)                          | B delta-BHC     | 4.181  | 0.000  | 29075392 | 0        | 7.408   | N.D. #    |
| 8)                          | B Heptachlo...  | 4.772f | 5.750f | 6846206  | 49885530 | 1.869   | 3.817 #   |
| 9)                          | A Endosulfan I  | 5.180  | 6.091f | 3929855  | 59349882 | 1.147   | 4.317 #   |
| 10)                         | B gamma-Chl...  | 5.077f | 5.981  | 3956993  | 82707047 | 1.041   | 5.632 #   |
| 11)                         | B alpha-Chl...  | 5.114  | 6.040f | 9365804  | 32622686 | 2.521   | 2.250     |
| 12)                         | B 4,4'-DDE      | 5.297  | 0.000  | 658547   | 0        | 0.192   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.438  | 6.389  | 606449   | 6238372  | 0.167   | 0.425 #   |
| 14)                         | MA Endrin       | 5.731  | 6.612f | 410549   | 305.5E6  | 0.130   | 24.422 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.880f | 0        | 24555765 | N.D.    | 1.980 #   |
| 16)                         | A 4,4'-DDD      | 5.858  | 6.761  | 4639511  | 62616314 | 1.628   | 5.265 #   |
| 17)                         | MA 4,4'-DDT     | 6.113  | 7.062  | 1968943  | 86422746 | 0.667   | 6.626 #   |
| 19)                         | B Endosulfa...  | 6.446f | 7.242f | 1789224  | 39642399 | 0.622   | 3.324 #   |
| 20)                         | A Methoxychlor  | 6.672f | 7.545  | 14129999 | 13723549 | 8.566   | 1.991 #   |
| 21)                         | B Endrin ke...  | 6.931  | 7.699  | 1746423  | 9604888  | 0.536   | 0.715 #   |
| 22)                         | Mirex           | 0.000  | 8.169  | 0        | 24713493 | N.D.    | 2.873 #   |
| 23)                         | Chlordane-1     | 3.857f | 4.738  | 24235257 | -6041735 | 225.721 | N.D. #    |
| 24)                         | Chlordane-2     | 0.000  | 5.294f | 0        | 46644592 | N.D.    | 77.870 #  |
| 25)                         | Chlordane-3     | 5.077f | 5.981  | 3956993  | 82707047 | 11.589  | 44.612 #  |
| 26)                         | Chlordane-4     | 5.114  | 6.040f | 9365804  | 32622686 | 29.521  | 14.967 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.949f | 0        | 234.7E6  | N.D.    | 518.827 # |
| -----                       |                 |        |        |          |          |         |           |

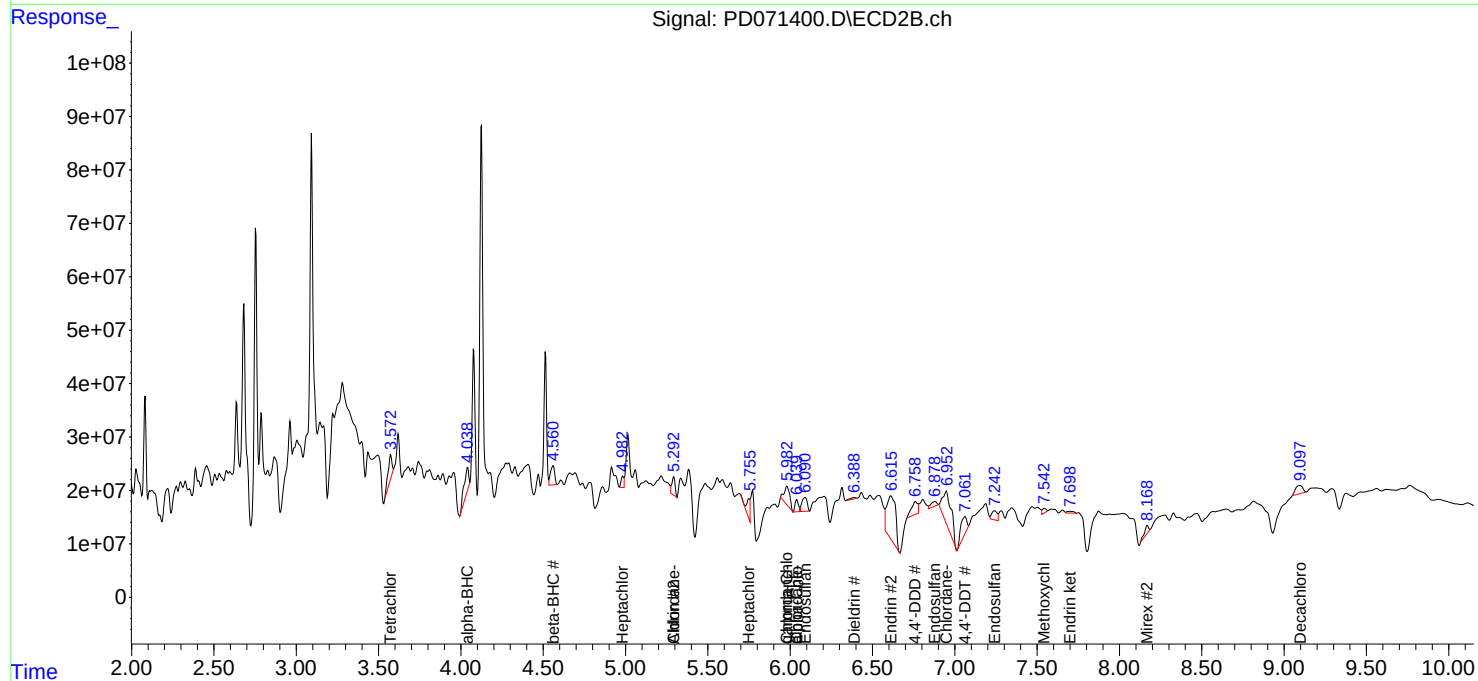
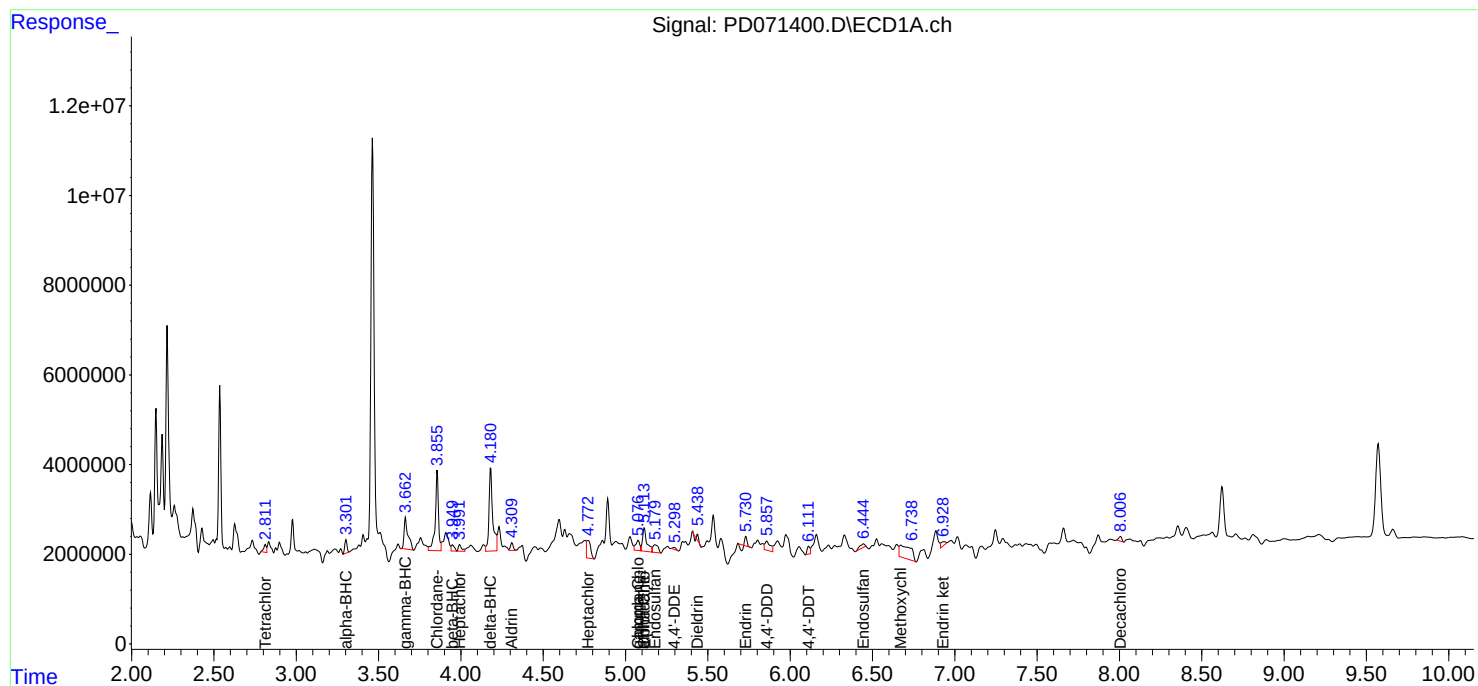
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

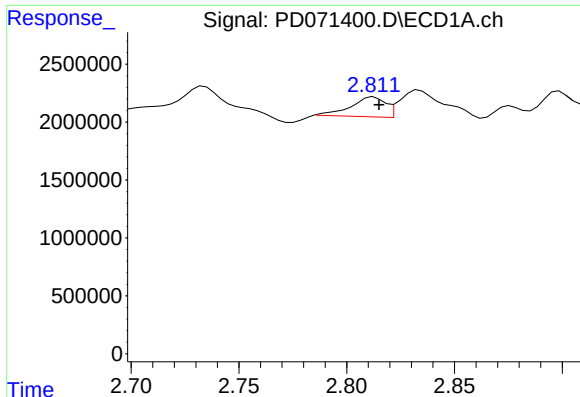
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
Data File : PD071400.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2022 13:37  
Operator : AR\AJ  
Sample : N4056-01 10X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 00:05:17 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

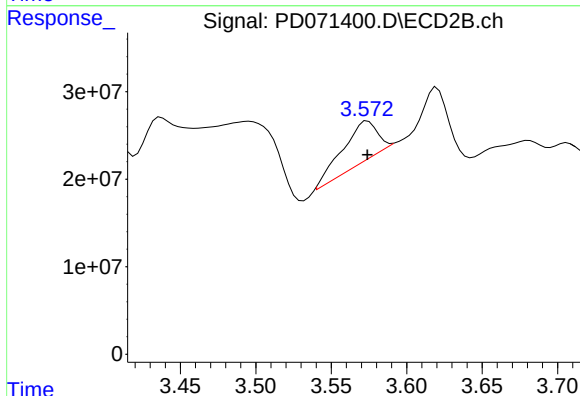




#1 Tetrachloro-m-xylene

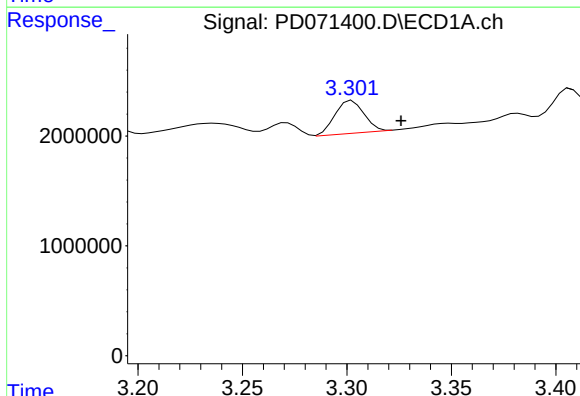
R.T.: 2.813 min  
Delta R.T.: -0.002 min  
Response: 1914549  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



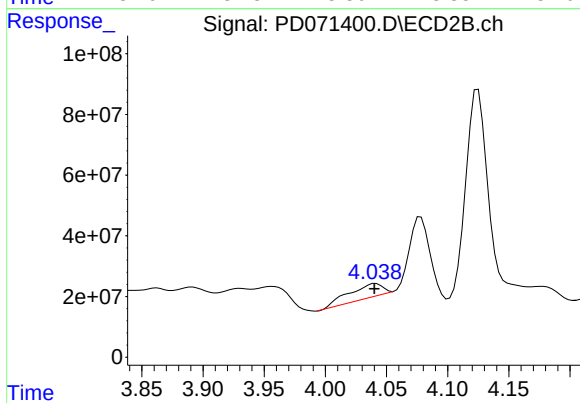
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 71267054  
Conc: 2.53 ng/ml



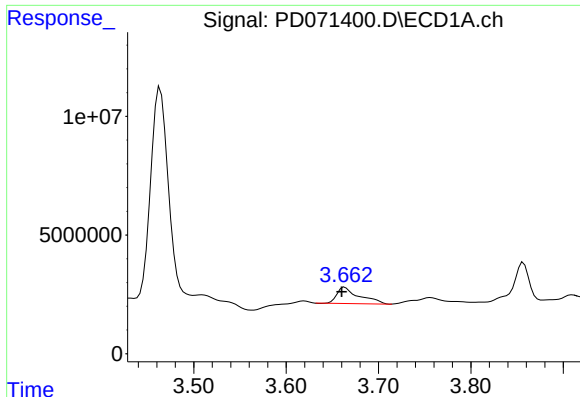
#2 alpha-BHC

R.T.: 3.303 min  
Delta R.T.: -0.023 min  
Response: 2887336  
Conc: 0.69 ng/ml



#2 alpha-BHC

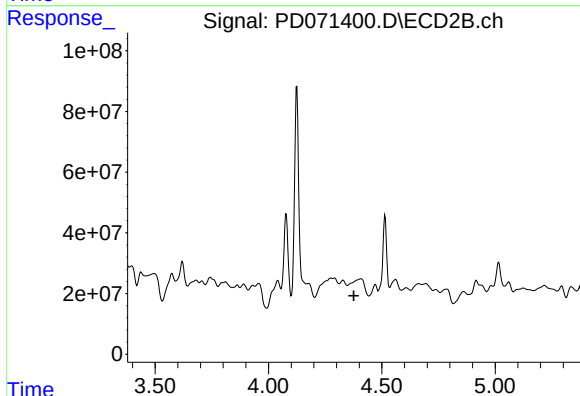
R.T.: 4.041 min  
Delta R.T.: 0.001 min  
Response: 85607548  
Conc: 2.31 ng/ml



#3 gamma-BHC (Lindane)

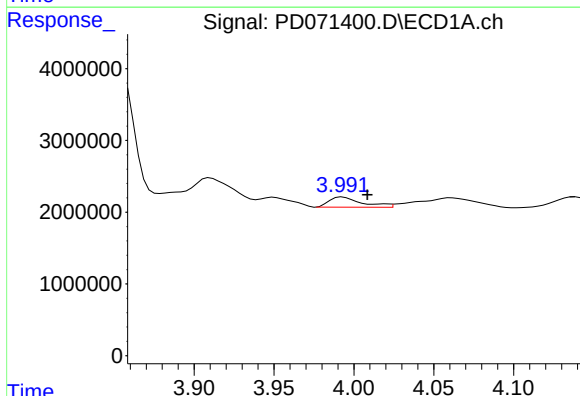
R.T.: 3.664 min  
Delta R.T.: 0.004 min  
Response: 11523670  
Conc: 2.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



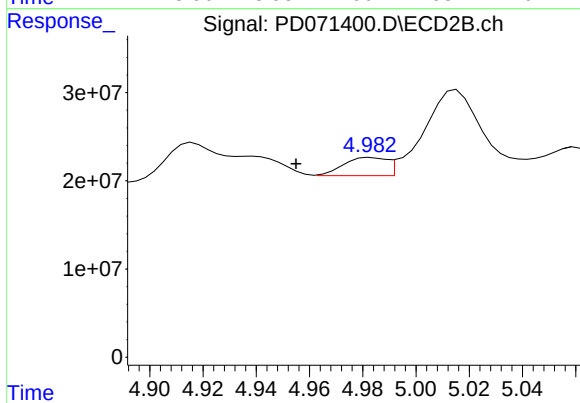
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.376 min  
Response: 0  
Conc: N.D.



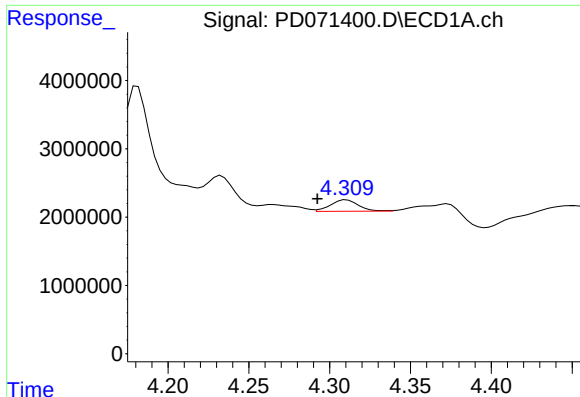
#4 Heptachlor

R.T.: 3.993 min  
Delta R.T.: -0.015 min  
Response: 2050819  
Conc: 0.48 ng/ml



#4 Heptachlor

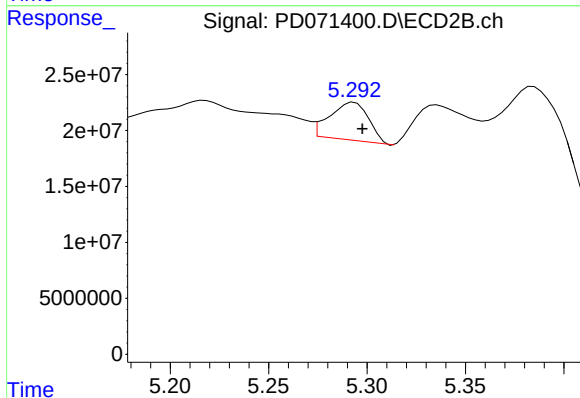
R.T.: 4.983 min  
Delta R.T.: 0.028 min  
Response: 23438746  
Conc: 1.11 ng/ml



#5 Aldrin

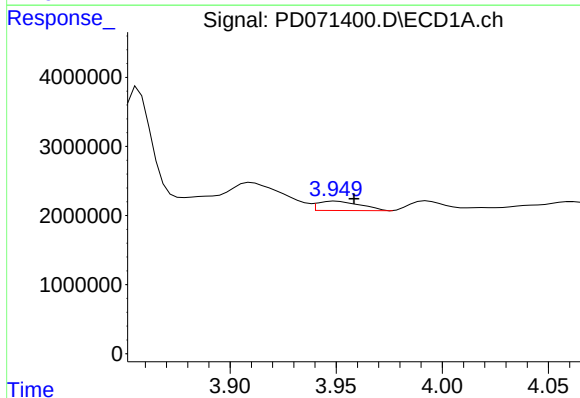
R.T.: 4.311 min  
Delta R.T.: 0.018 min  
Response: 1999109  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



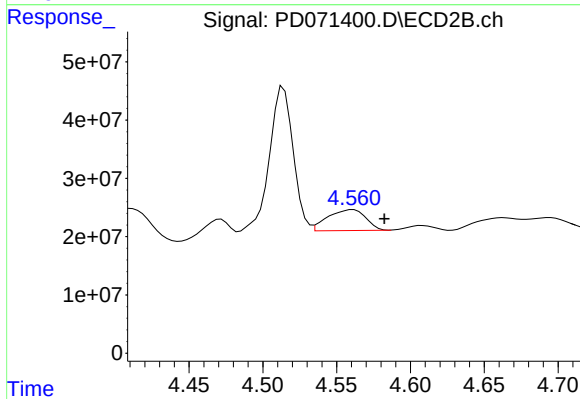
#5 Aldrin

R.T.: 5.294 min  
Delta R.T.: -0.004 min  
Response: 46644592  
Conc: 2.64 ng/ml



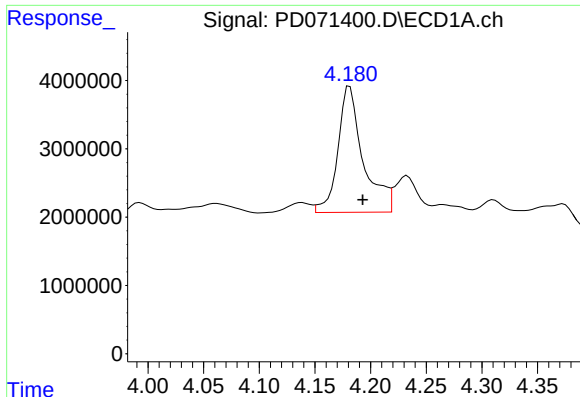
#6 beta-BHC

R.T.: 3.950 min  
Delta R.T.: -0.009 min  
Response: 1887604  
Conc: 1.10 ng/ml



#6 beta-BHC

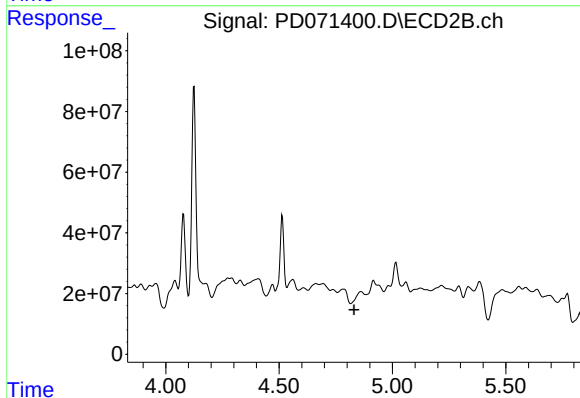
R.T.: 4.561 min  
Delta R.T.: -0.021 min  
Response: 64298706  
Conc: 5.43 ng/ml



#7 delta-BHC

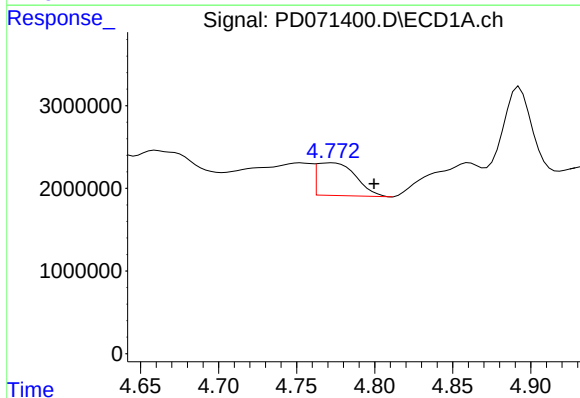
R.T.: 4.181 min  
Delta R.T.: -0.011 min  
Response: 29075392  
Conc: 7.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



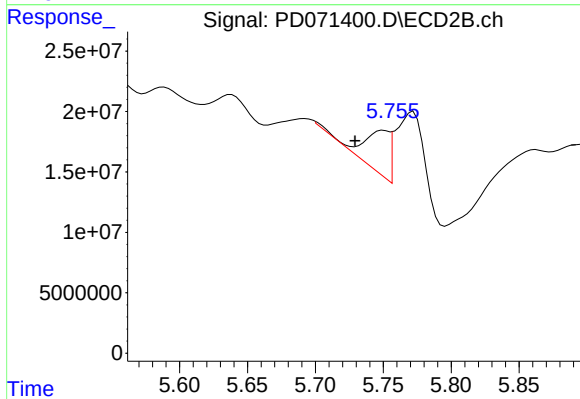
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.831 min  
Response: 0  
Conc: N.D.



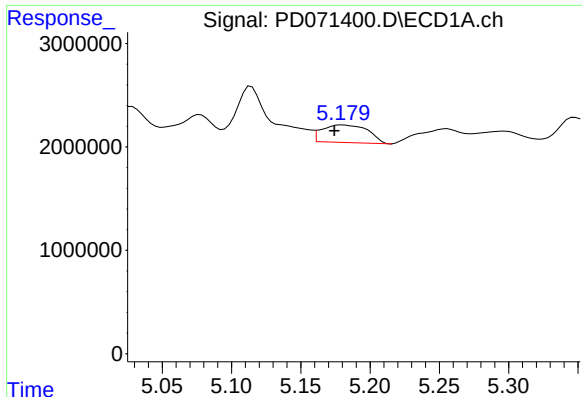
#8 Heptachlor epoxide

R.T.: 4.772 min  
Delta R.T.: -0.027 min  
Response: 6846206  
Conc: 1.87 ng/ml



#8 Heptachlor epoxide

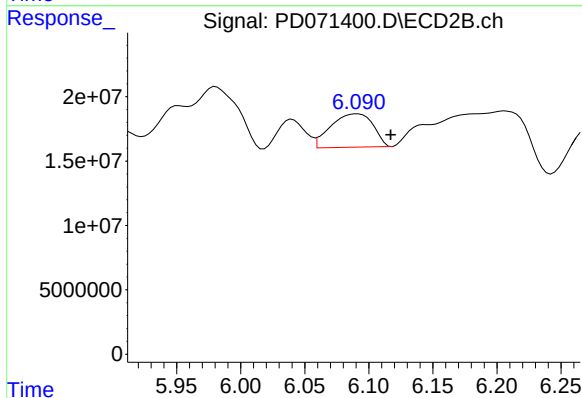
R.T.: 5.750 min  
Delta R.T.: 0.021 min  
Response: 49885530  
Conc: 3.82 ng/ml



#9 Endosulfan I

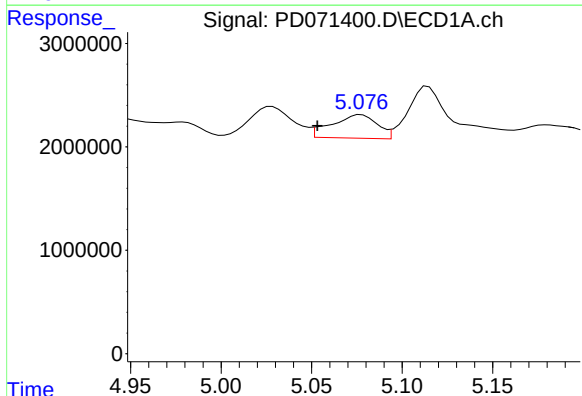
R.T.: 5.180 min  
Delta R.T.: 0.006 min  
Response: 3929855  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



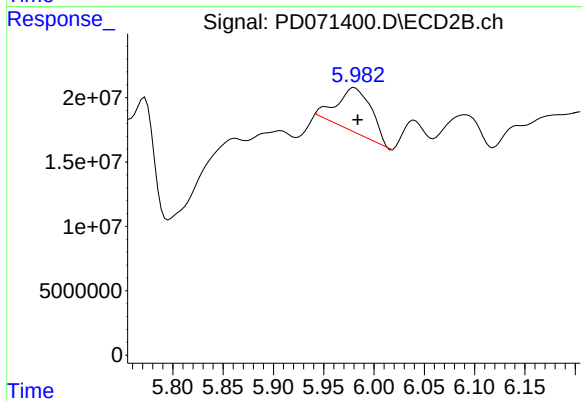
#9 Endosulfan I

R.T.: 6.091 min  
Delta R.T.: -0.026 min  
Response: 59349882  
Conc: 4.32 ng/ml



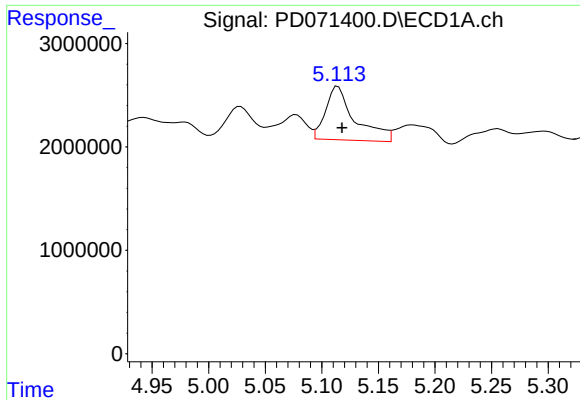
#10 gamma-Chlordane

R.T.: 5.077 min  
Delta R.T.: 0.024 min  
Response: 3956993  
Conc: 1.04 ng/ml



#10 gamma-Chlordane

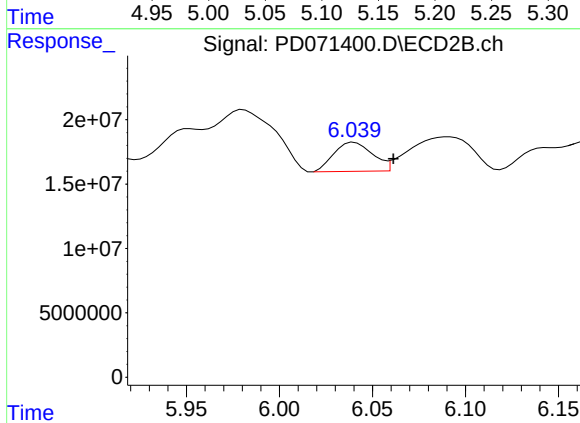
R.T.: 5.981 min  
Delta R.T.: -0.003 min  
Response: 82707047  
Conc: 5.63 ng/ml



#11 alpha-Chlordane

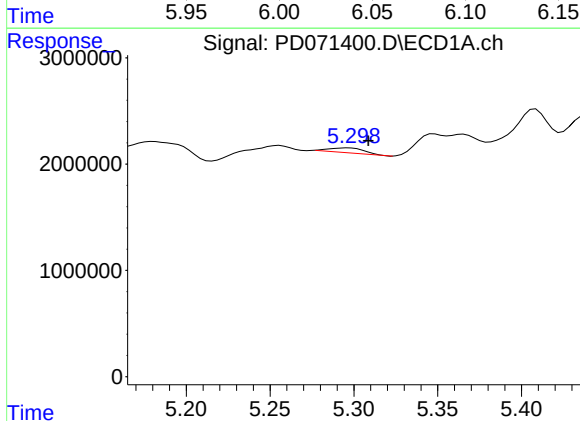
R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 9365804  
Conc: 2.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



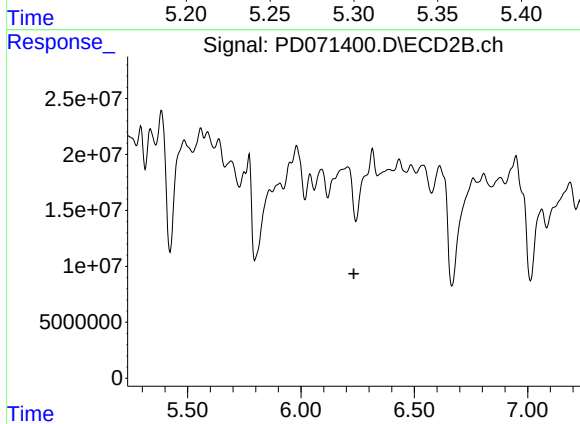
#11 alpha-Chlordane

R.T.: 6.040 min  
Delta R.T.: -0.021 min  
Response: 32622686  
Conc: 2.25 ng/ml



#12 4,4'-DDE

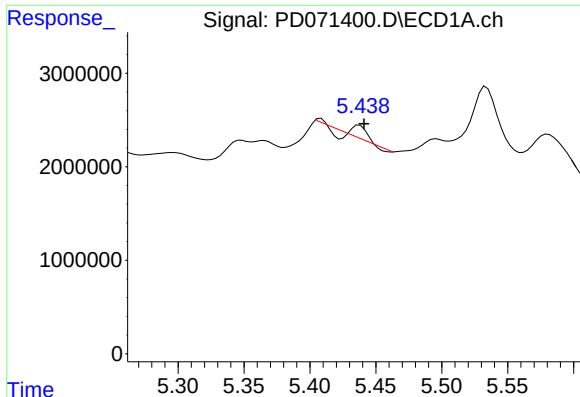
R.T.: 5.297 min  
Delta R.T.: -0.012 min  
Response: 658547  
Conc: 0.19 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.234 min  
Response: 0  
Conc: N.D.

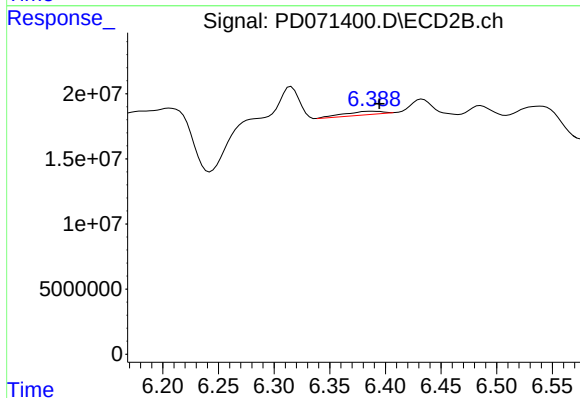




#13 Dieldrin

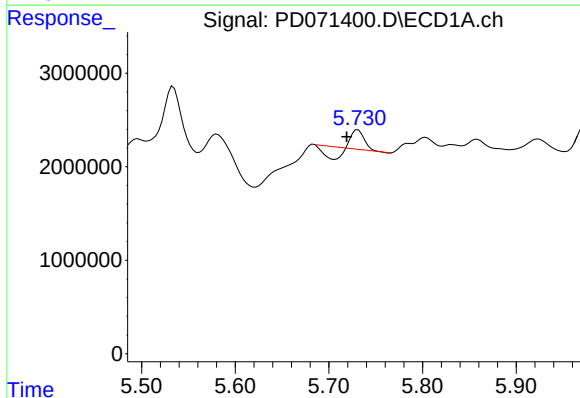
R.T.: 5.438 min  
Delta R.T.: -0.003 min  
Response: 606449  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



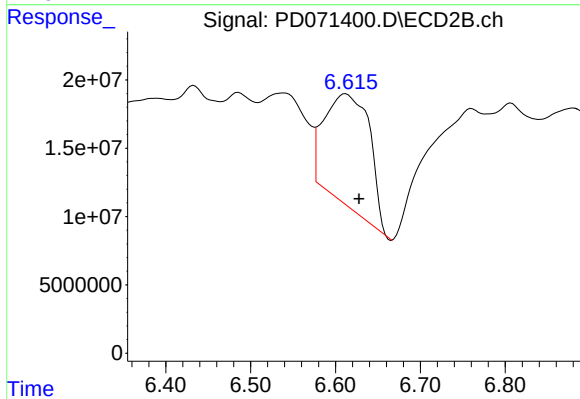
#13 Dieldrin

R.T.: 6.389 min  
Delta R.T.: -0.006 min  
Response: 6238372  
Conc: 0.42 ng/ml



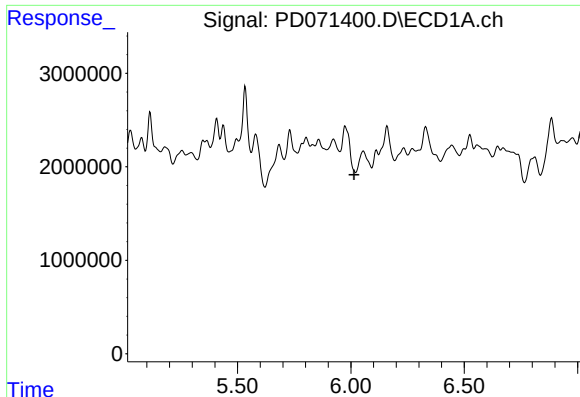
#14 Endrin

R.T.: 5.731 min  
Delta R.T.: 0.012 min  
Response: 410549  
Conc: 0.13 ng/ml



#14 Endrin

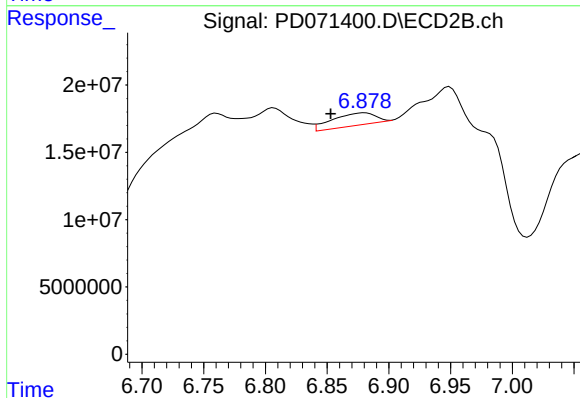
R.T.: 6.612 min  
Delta R.T.: -0.016 min  
Response: 305487953  
Conc: 24.42 ng/ml



#15 Endosulfan II

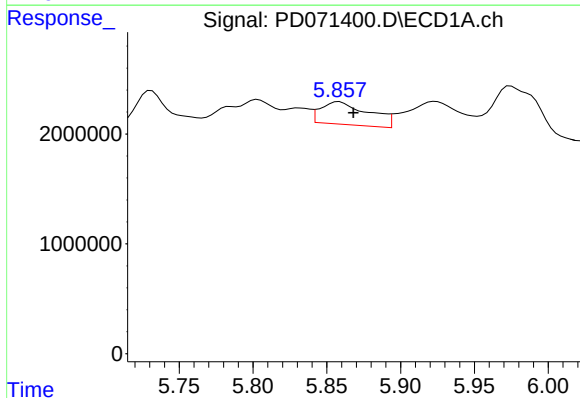
R.T.: 0.000 min  
Exp R.T.: 6.014 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



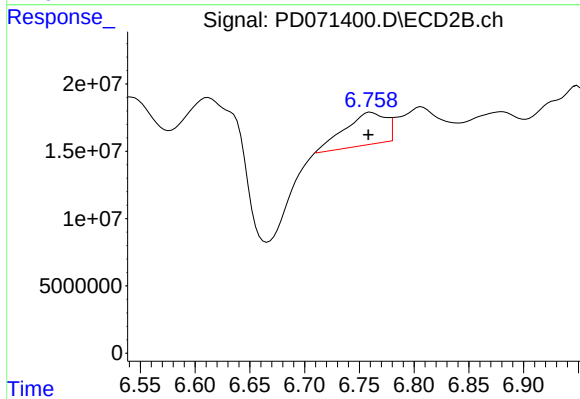
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.027 min  
Response: 24555765  
Conc: 1.98 ng/ml



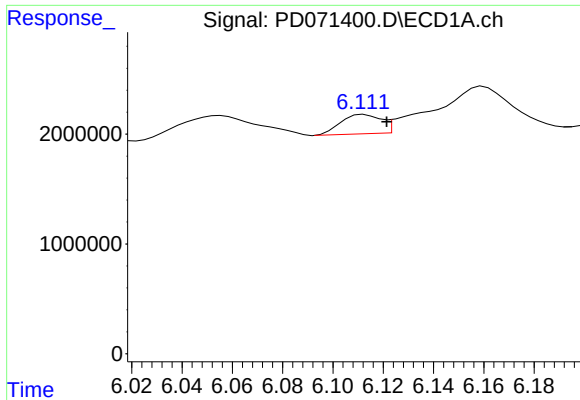
#16 4,4'-DDD

R.T.: 5.858 min  
Delta R.T.: -0.010 min  
Response: 4639511  
Conc: 1.63 ng/ml



#16 4,4'-DDD

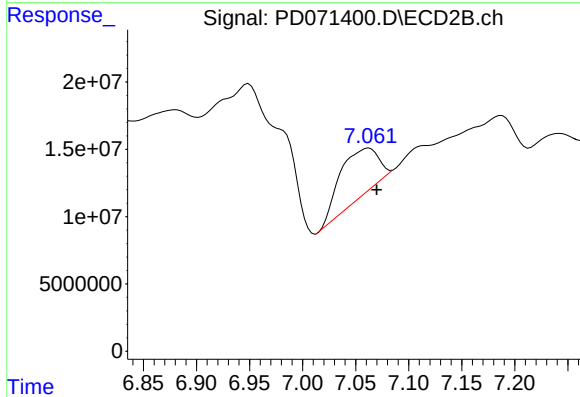
R.T.: 6.761 min  
Delta R.T.: 0.002 min  
Response: 62616314  
Conc: 5.26 ng/ml



#17 4,4'-DDT

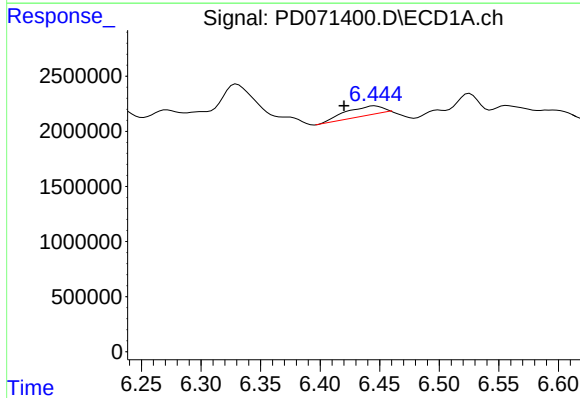
R.T.: 6.113 min  
Delta R.T.: -0.009 min  
Response: 1968943  
Conc: 0.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



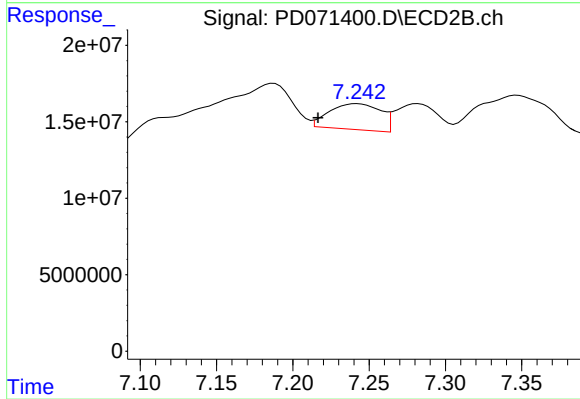
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: -0.007 min  
Response: 86422746  
Conc: 6.63 ng/ml



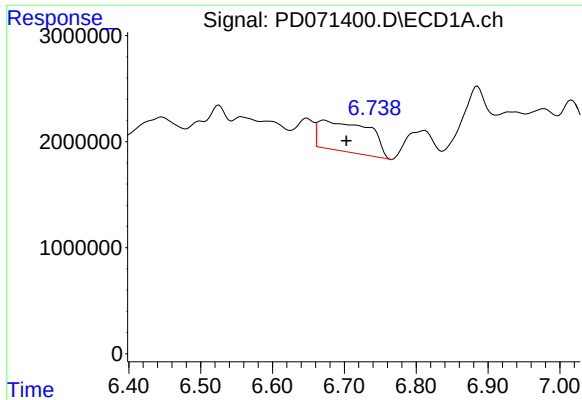
#19 Endosulfan Sulfate

R.T.: 6.446 min  
Delta R.T.: 0.026 min  
Response: 1789224  
Conc: 0.62 ng/ml



#19 Endosulfan Sulfate

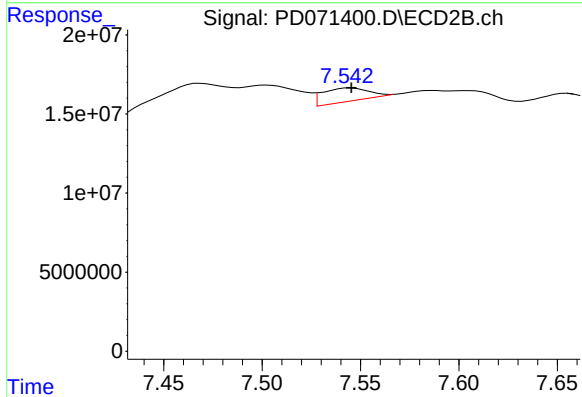
R.T.: 7.242 min  
Delta R.T.: 0.026 min  
Response: 39642399  
Conc: 3.32 ng/ml



#20 Methoxychlor

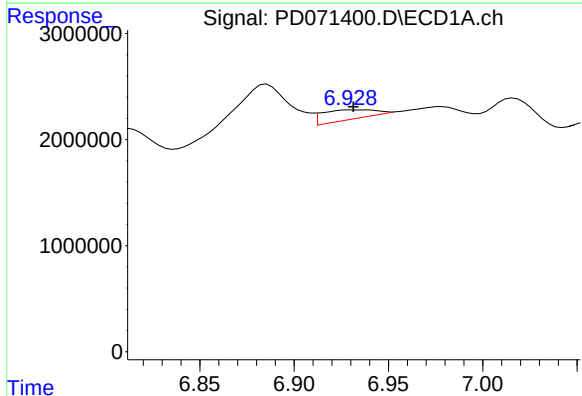
R.T.: 6.672 min  
Delta R.T.: -0.031 min  
Response: 14129999  
Conc: 8.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



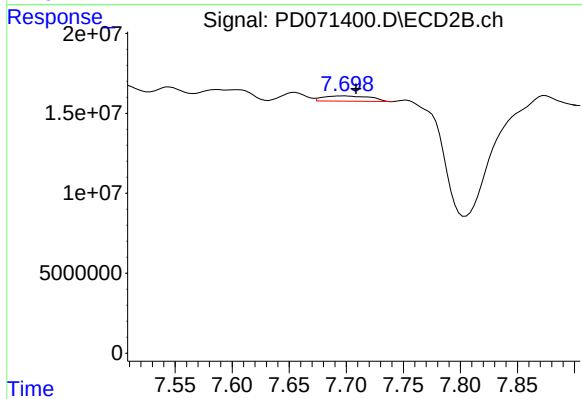
#20 Methoxychlor

R.T.: 7.545 min  
Delta R.T.: 0.000 min  
Response: 13723549  
Conc: 1.99 ng/ml



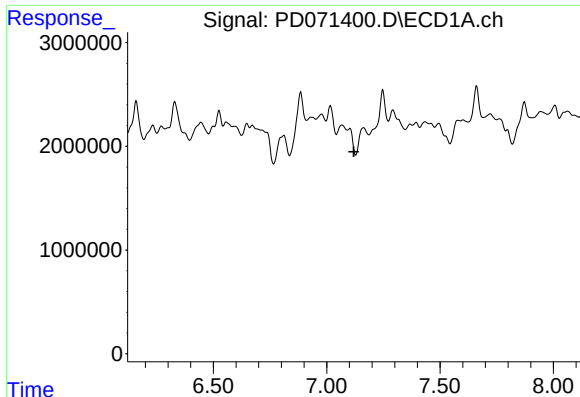
#21 Endrin ketone

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 1746423  
Conc: 0.54 ng/ml



#21 Endrin ketone

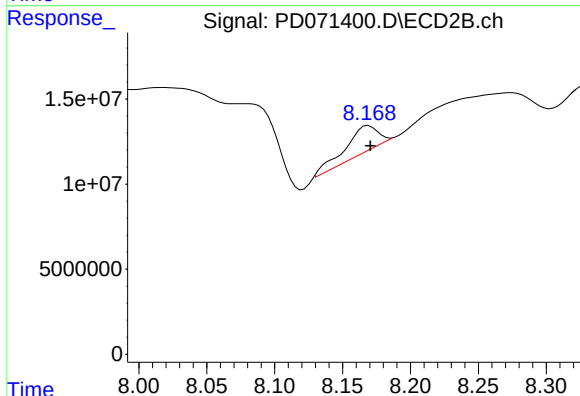
R.T.: 7.699 min  
Delta R.T.: -0.010 min  
Response: 9604888  
Conc: 0.72 ng/ml



#22 Mirex

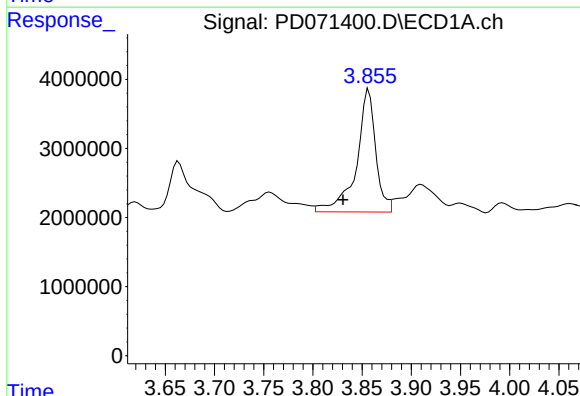
R.T.: 0.000 min  
Exp R.T.: 7.119 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



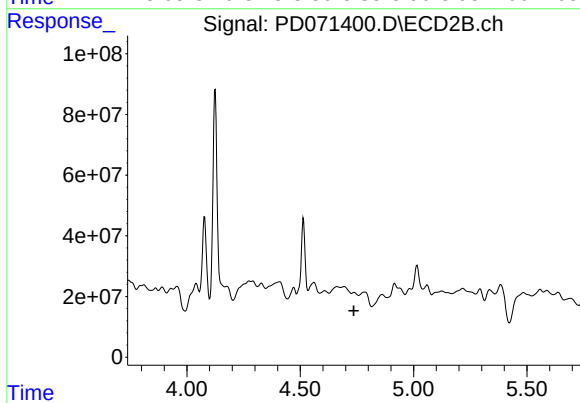
#22 Mirex

R.T.: 8.169 min  
Delta R.T.: -0.001 min  
Response: 24713493  
Conc: 2.87 ng/ml



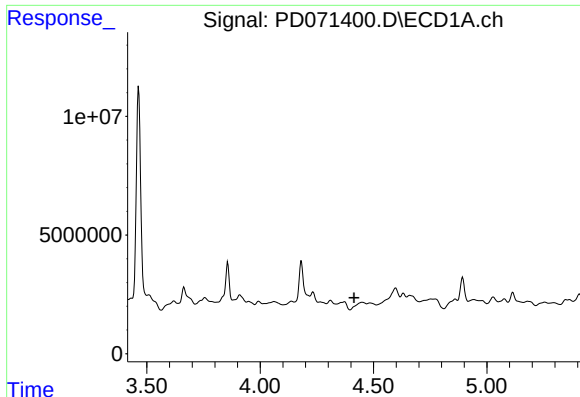
#23 Chlordane-1

R.T.: 3.857 min  
Delta R.T.: 0.026 min  
Response: 24235257  
Conc: 225.72 ng/ml



#23 Chlordane-1

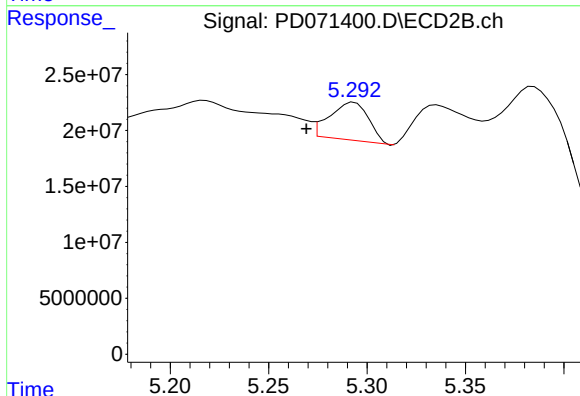
R.T.: 4.738 min  
Delta R.T.: 0.002 min  
Response: -6041735  
Conc: N.D.



#24 Chlordane-2

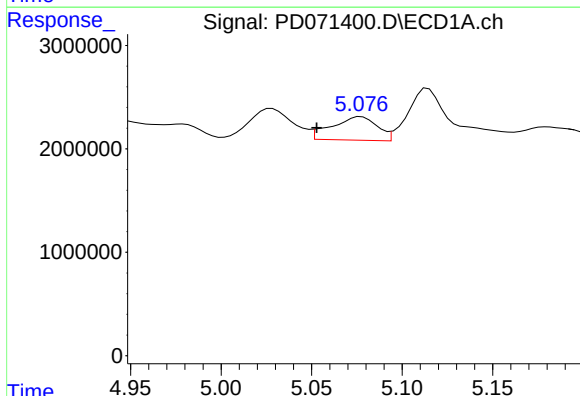
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



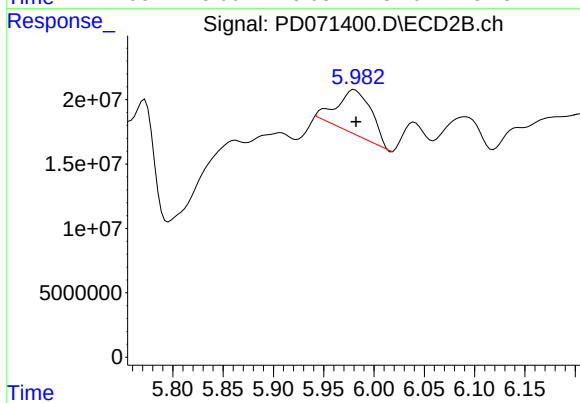
#24 Chlordane-2

R.T.: 5.294 min  
Delta R.T.: 0.024 min  
Response: 46644592  
Conc: 77.87 ng/ml



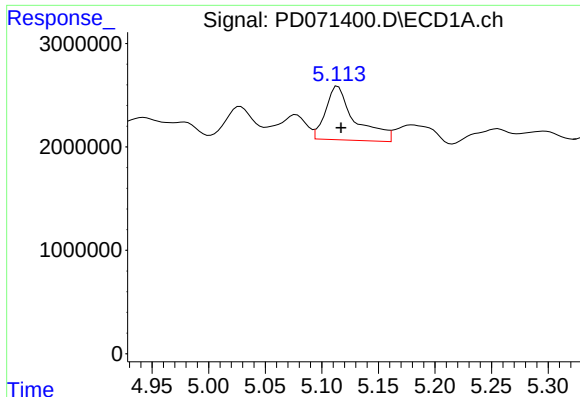
#25 Chlordane-3

R.T.: 5.077 min  
Delta R.T.: 0.025 min  
Response: 3956993  
Conc: 11.59 ng/ml



#25 Chlordane-3

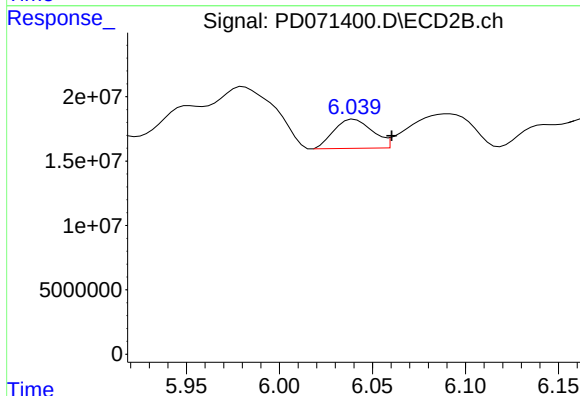
R.T.: 5.981 min  
Delta R.T.: -0.001 min  
Response: 82707047  
Conc: 44.61 ng/ml



#26 Chlordane-4

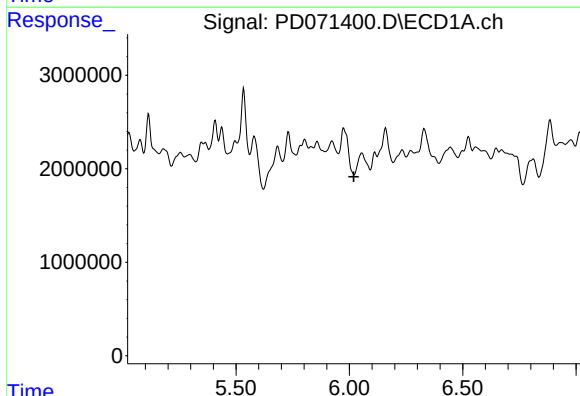
R.T.: 5.114 min  
Delta R.T.: -0.003 min  
Response: 9365804  
Conc: 29.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



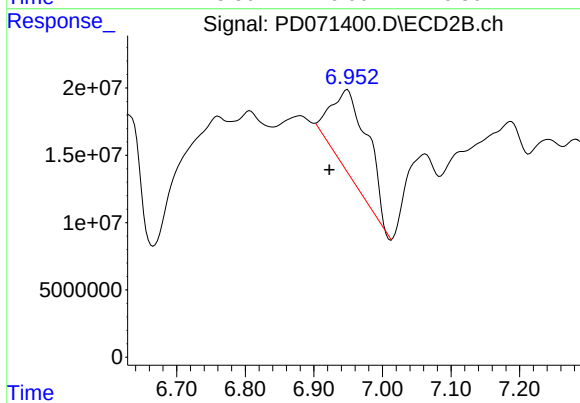
#26 Chlordane-4

R.T.: 6.040 min  
Delta R.T.: -0.020 min  
Response: 32622686  
Conc: 14.97 ng/ml



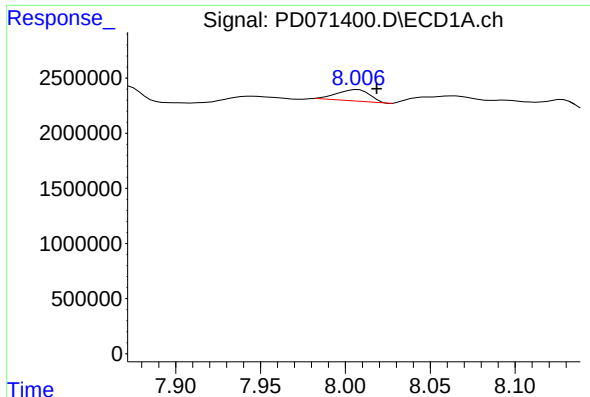
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.019 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

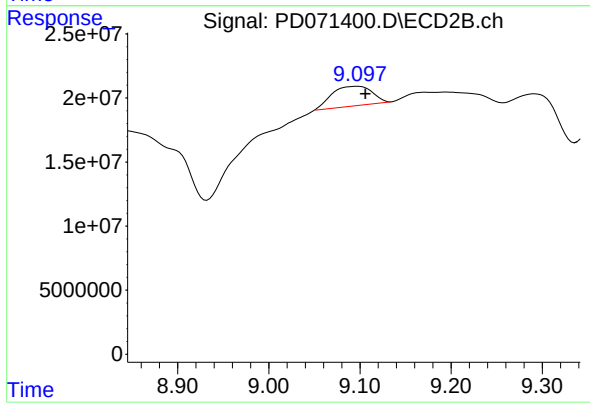
R.T.: 6.949 min  
Delta R.T.: 0.026 min  
Response: 234663630  
Conc: 518.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.007 min  
Delta R.T.: -0.011 min  
Response: 1401103  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.009 min  
Response: 46888541  
Conc: 4.53 ng/ml