

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100522\  
 Data File : PD072231.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2022 16:54  
 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 05 17:25:29 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  | 3.497  | 46285097 | 649.1E6  | 18.443 | 17.905  |
| 28)                         | SA Decachlor... | 7.921  | 8.986  | 51508504 | 206.6E6  | 20.206 | 20.563  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.246  | 3.987f | 568727   | 23798692 | 0.142  | 0.468 # |
| 3)                          | MA gamma-BHC... | 0.000  | 4.294  | 0        | 15535612 | N.D.   | 0.375 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.855  | 0        | 20126357 | N.D.   | 0.669 # |
| 5)                          | MB Aldrin       | 4.215  | 5.210  | 757870   | 7316808  | 0.214  | 0.303 # |
| 6)                          | B beta-BHC      | 3.888  | 4.502  | 838330   | 8252877  | N.D.   | 0.495   |
| 7)                          | B delta-BHC     | 4.112  | 0.000  | 332996   | 0        | 0.091  | N.D. #  |
| 8)                          | B Heptachlo...  | 4.713  | 5.640  | 193943   | 9247753  | 0.061  | 0.487 # |
| 9)                          | A Endosulfan I  | 0.000  | 6.024  | 0        | 5385634  | N.D.   | 0.317 # |
| 10)                         | B gamma-Chl...  | 4.963  | 5.890  | 1230642  | 6957544  | 0.375  | 0.375   |
| 11)                         | B alpha-Chl...  | 5.027  | 5.973  | 458341   | 6815130  | 0.143  | 0.380 # |
| 12)                         | B 4,4'-DDE      | 5.219  | 6.143  | 828515   | 3486991  | 0.272  | 0.196 # |
| 13)                         | MA Dieldrin     | 5.349  | 6.297  | 401664   | 4409374  | 0.127  | 0.253 # |
| 14)                         | MA Endrin       | 5.645f | 6.524  | 3587512  | 12421286 | 1.322  | 0.879 # |
| 15)                         | B Endosulfa...  | 0.000  | 6.765  | 0        | 35066050 | N.D.   | 2.597 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.668  | 0        | 19706312 | N.D.   | 1.418 # |
| 17)                         | MA 4,4'-DDT     | 6.028  | 6.981  | 702199   | 15248038 | 0.268  | 1.081 # |
| 18)                         | B Endrin al...  | 6.103  | 6.892  | 1287941  | 21835581 | 0.605  | 2.013 # |
| 19)                         | B Endosulfa...  | 6.327  | 7.122  | 689897   | 8330150  | 0.255  | 0.658 # |
| 20)                         | A Methoxychlor  | 6.609  | 0.000  | 1274172  | 0        | 0.826  | N.D. #  |
| 21)                         | B Endrin ke...  | 6.833  | 7.615  | 1211769  | 13231067 | 0.381  | 0.944 # |
| 22)                         | Mirex           | 7.021  | 8.070  | 62417    | 7295014  | 0.027  | 0.786 # |
| 23)                         | Chlordane-1     | 3.758  | 4.636f | 335666   | 6882730  | 3.330  | 5.896 # |
| 24)                         | Chlordane-2     | 4.308f | 5.210f | 270005   | 7316808  | 2.344  | 8.423 # |
| 25)                         | Chlordane-3     | 4.963  | 5.890  | 1230642  | 6957544  | 3.883  | 2.757 # |
| 26)                         | Chlordane-4     | 5.027  | 5.973  | 458341   | 6815130  | 1.475  | 2.384 # |
| -----                       |                 |        |        |          |          |        |         |

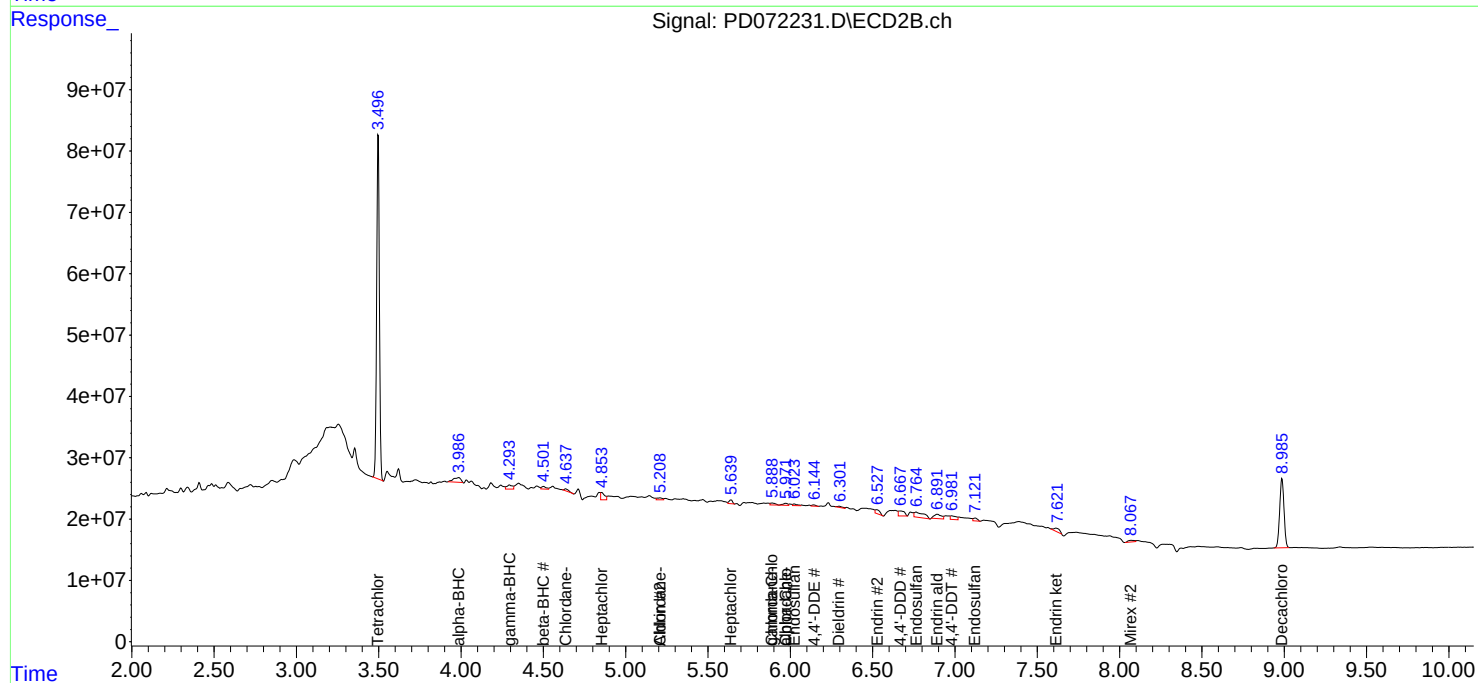
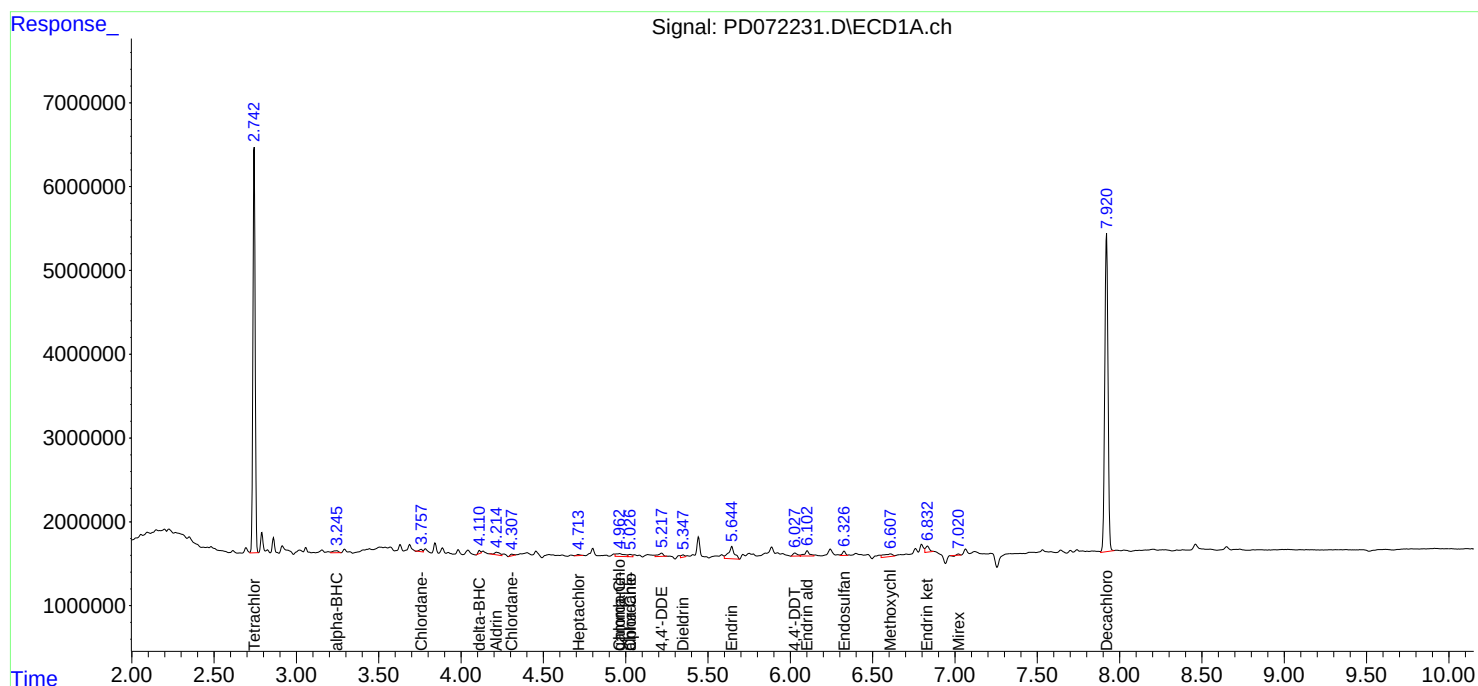
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

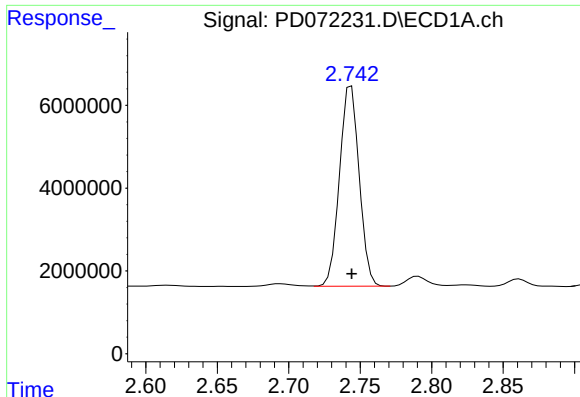
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100522\  
Data File : PD072231.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2022 16:54  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 17:25:29 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

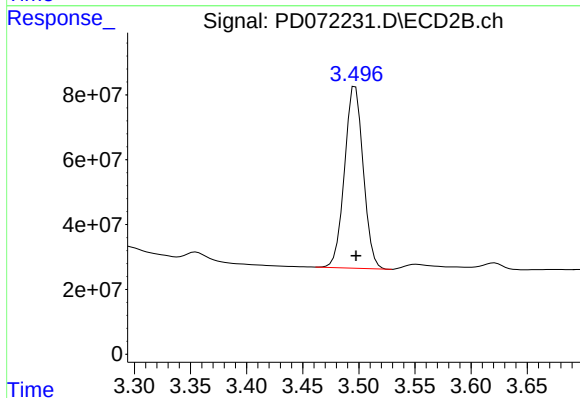




#1 Tetrachloro-m-xylene

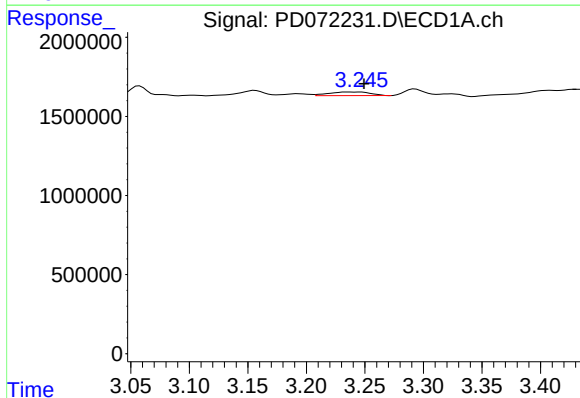
R.T.: 2.744 min  
Delta R.T.: 0.000 min  
Response: 46285097  
Conc: 18.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



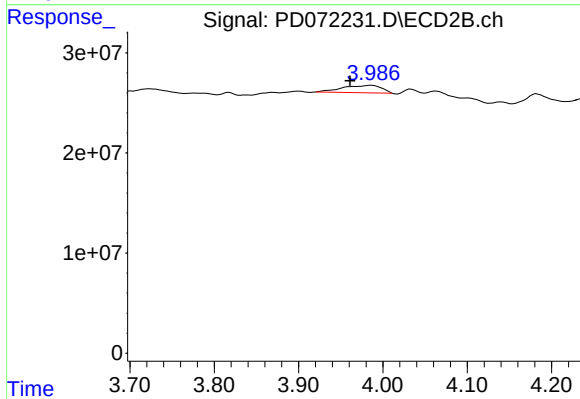
#1 Tetrachloro-m-xylene

R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 649076293  
Conc: 17.91 ng/ml



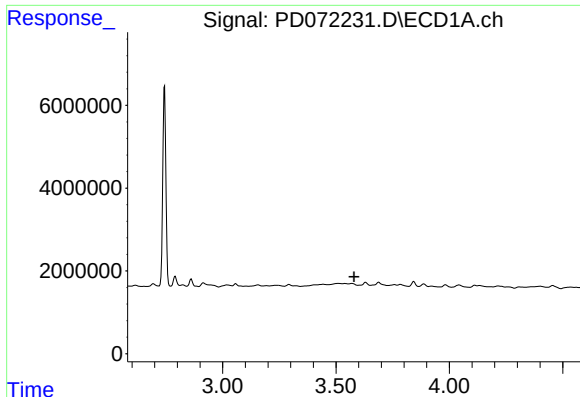
#2 alpha-BHC

R.T.: 3.246 min  
Delta R.T.: -0.003 min  
Response: 568727  
Conc: 0.14 ng/ml



#2 alpha-BHC

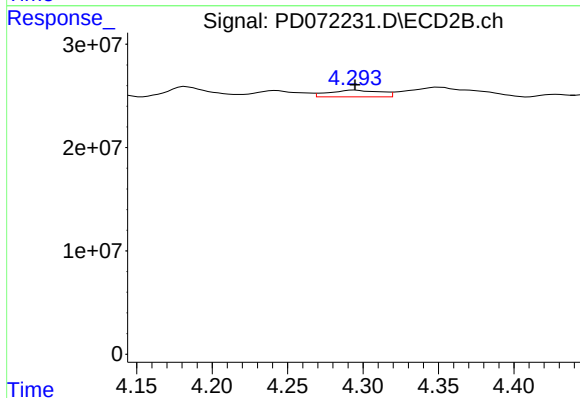
R.T.: 3.987 min  
Delta R.T.: 0.026 min  
Response: 23798692  
Conc: 0.47 ng/ml



#3 gamma-BHC (Lindane)

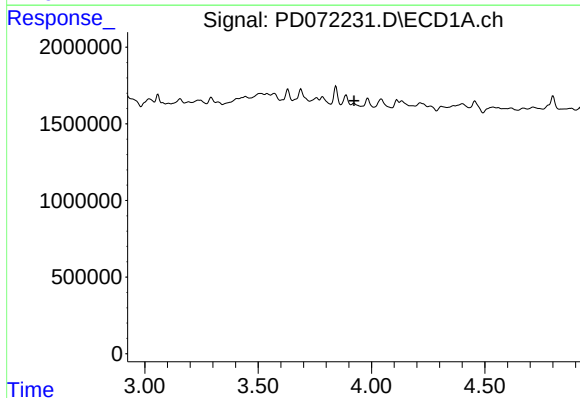
R.T.: 0.000 min  
Exp R.T.: 3.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



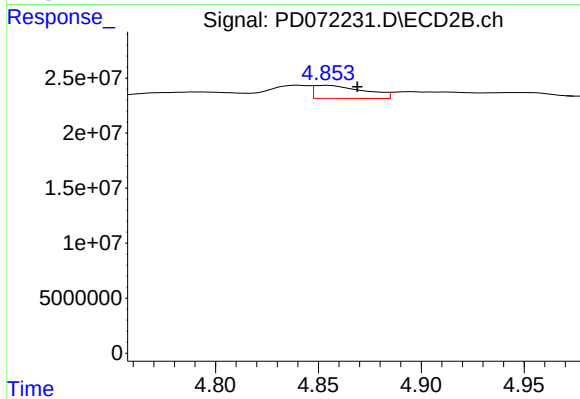
#3 gamma-BHC (Lindane)

R.T.: 4.294 min  
Delta R.T.: 0.000 min  
Response: 15535612  
Conc: 0.37 ng/ml



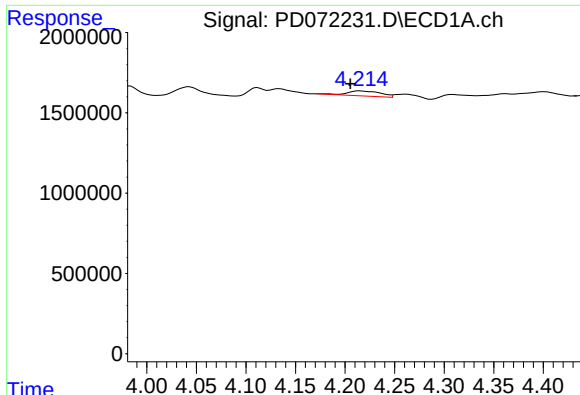
#4 Heptachlor

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



#4 Heptachlor

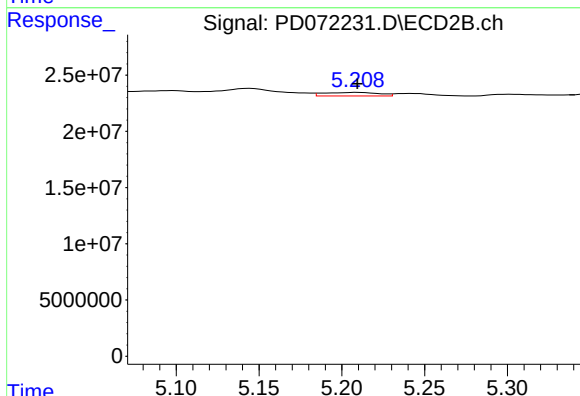
R.T.: 4.855 min  
Delta R.T.: -0.014 min  
Response: 20126357  
Conc: 0.67 ng/ml



#5 Aldrin

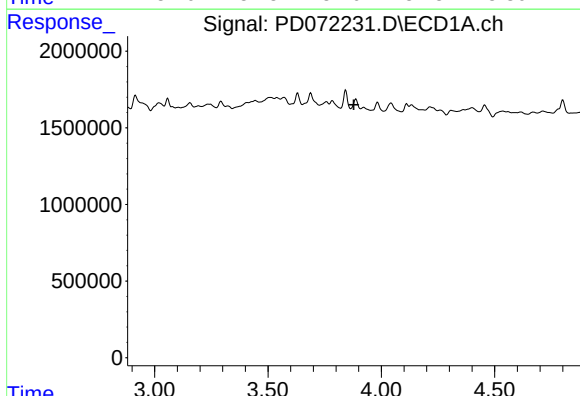
R.T.: 4.215 min  
Delta R.T.: 0.010 min  
Response: 757870  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



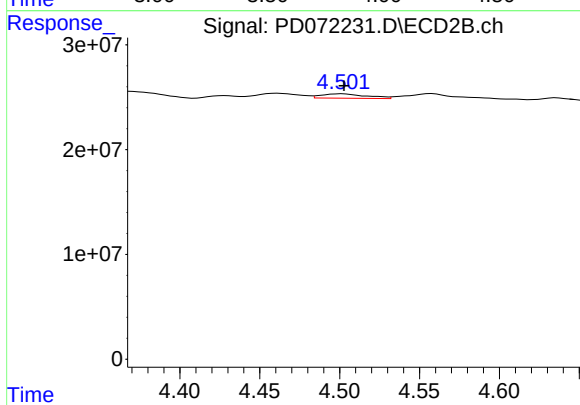
#5 Aldrin

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 7316808  
Conc: 0.30 ng/ml



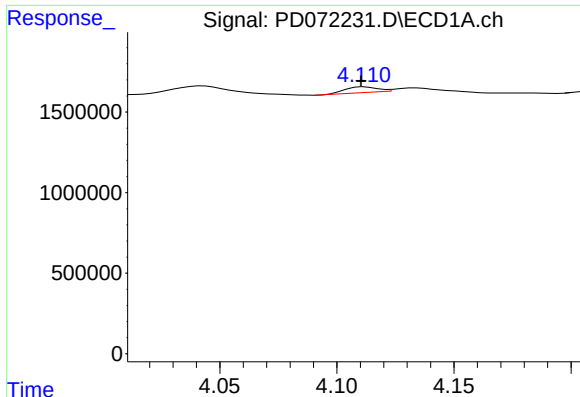
#6 beta-BHC

R.T.: 3.888 min  
Delta R.T.: 0.009 min  
Response: 838330  
Conc: N.D.



#6 beta-BHC

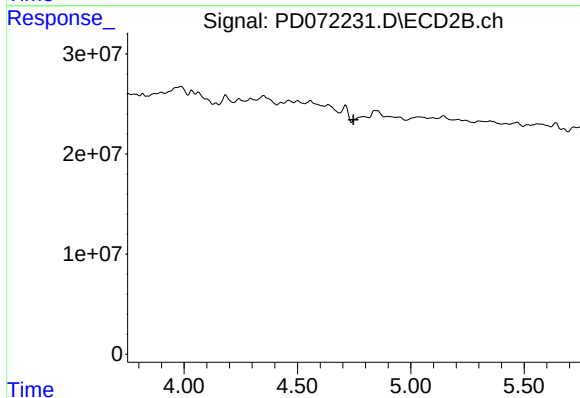
R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 8252877  
Conc: 0.50 ng/ml



#7 delta-BHC

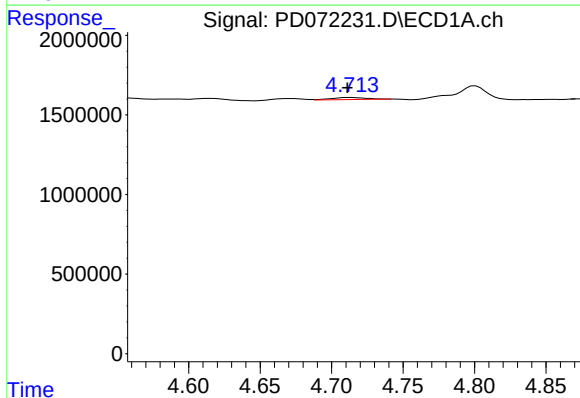
R.T.: 4.112 min  
Delta R.T.: 0.002 min  
Response: 332996  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



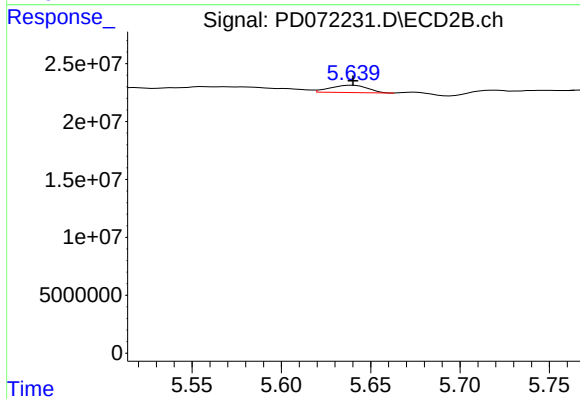
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.748 min  
Response: 0  
Conc: N.D.



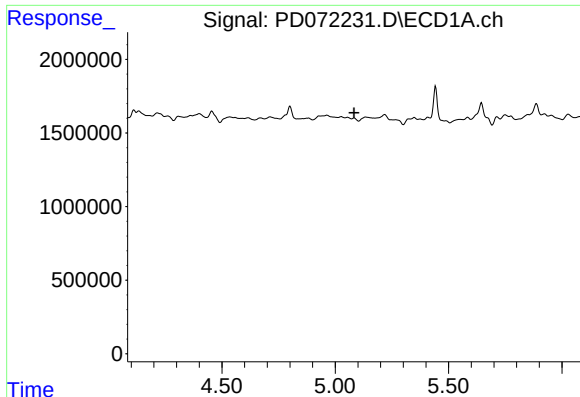
#8 Heptachlor epoxide

R.T.: 4.713 min  
Delta R.T.: 0.002 min  
Response: 193943  
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

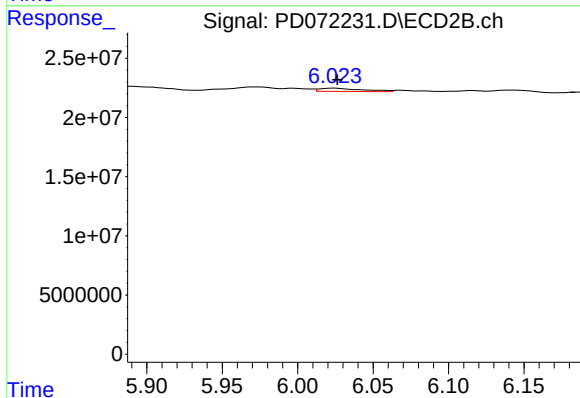
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 9247753  
Conc: 0.49 ng/ml



#9 Endosulfan I

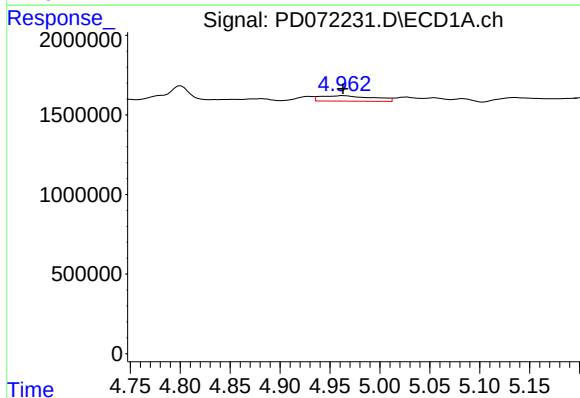
R.T.: 0.000 min  
Exp R.T.: 5.083 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



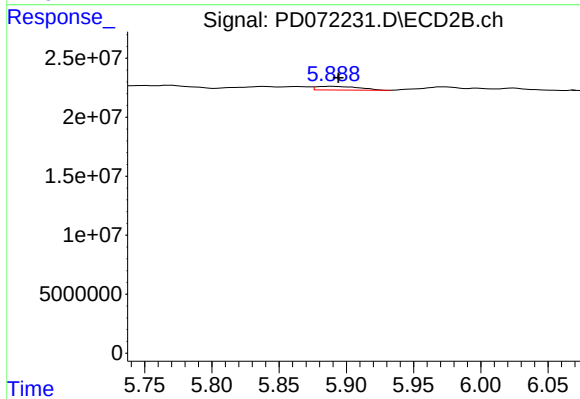
#9 Endosulfan I

R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 5385634  
Conc: 0.32 ng/ml



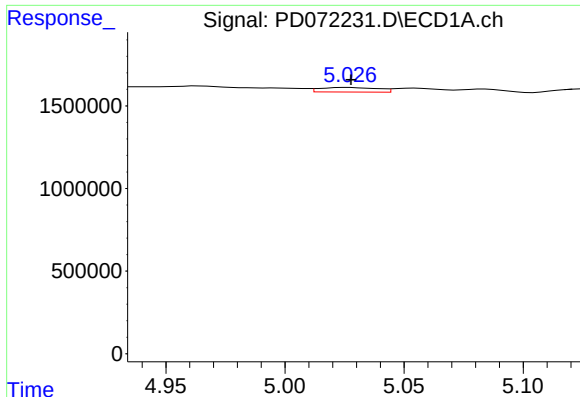
#10 gamma-Chlordane

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 1230642  
Conc: 0.38 ng/ml



#10 gamma-Chlordane

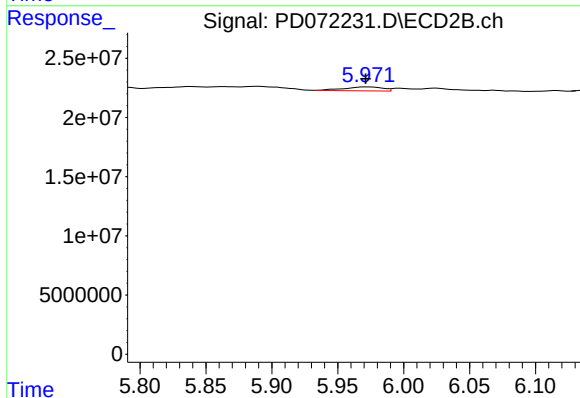
R.T.: 5.890 min  
Delta R.T.: -0.004 min  
Response: 6957544  
Conc: 0.38 ng/ml



#11 alpha-Chlordane

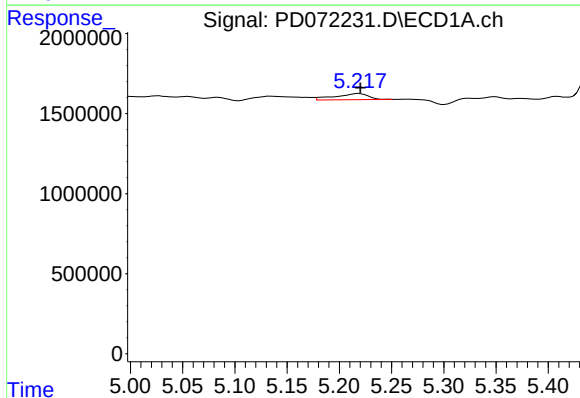
R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 458341  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



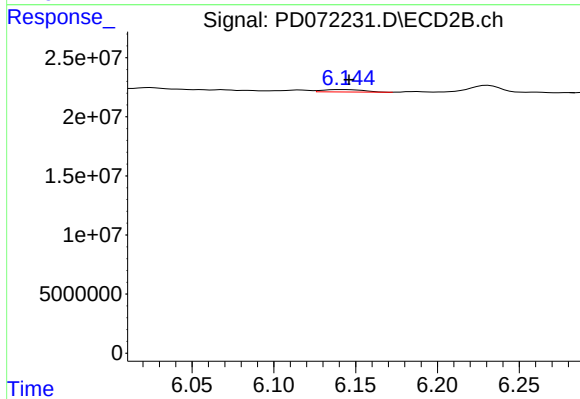
#11 alpha-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.001 min  
Response: 6815130  
Conc: 0.38 ng/ml



#12 4,4'-DDE

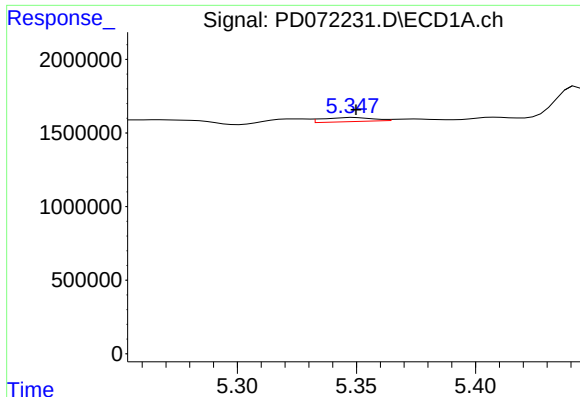
R.T.: 5.219 min  
Delta R.T.: -0.001 min  
Response: 828515  
Conc: 0.27 ng/ml



#12 4,4'-DDE

R.T.: 6.143 min  
Delta R.T.: -0.003 min  
Response: 3486991  
Conc: 0.20 ng/ml

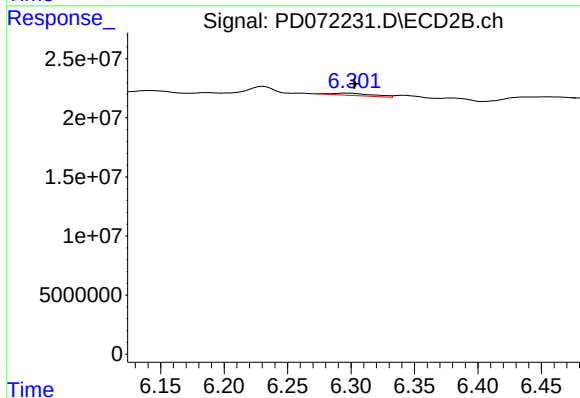




#13 Dieldrin

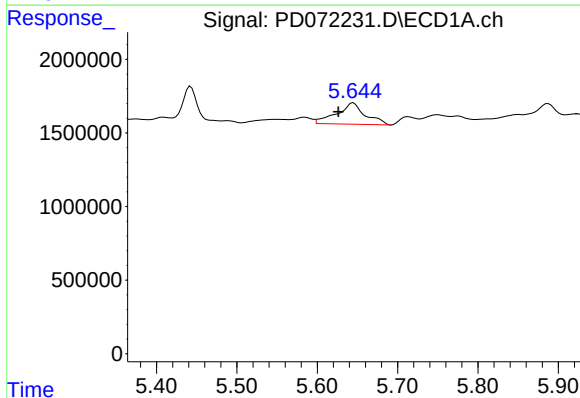
R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 401664  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



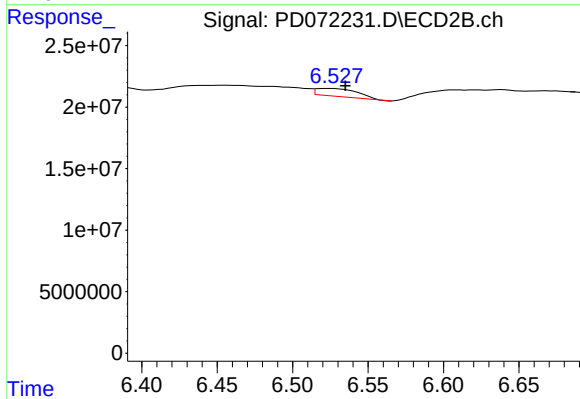
#13 Dieldrin

R.T.: 6.297 min  
Delta R.T.: -0.006 min  
Response: 4409374  
Conc: 0.25 ng/ml



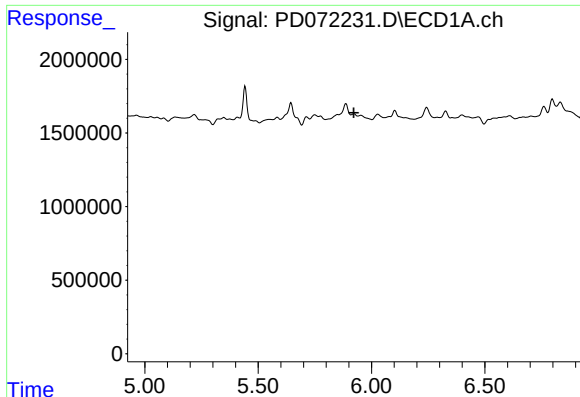
#14 Endrin

R.T.: 5.645 min  
Delta R.T.: 0.019 min  
Response: 3587512  
Conc: 1.32 ng/ml



#14 Endrin

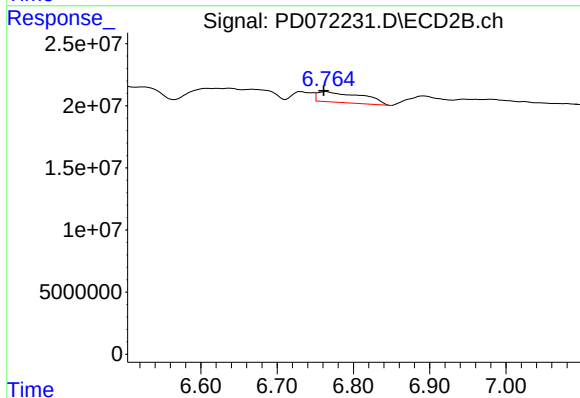
R.T.: 6.524 min  
Delta R.T.: -0.010 min  
Response: 12421286  
Conc: 0.88 ng/ml



#15 Endosulfan II

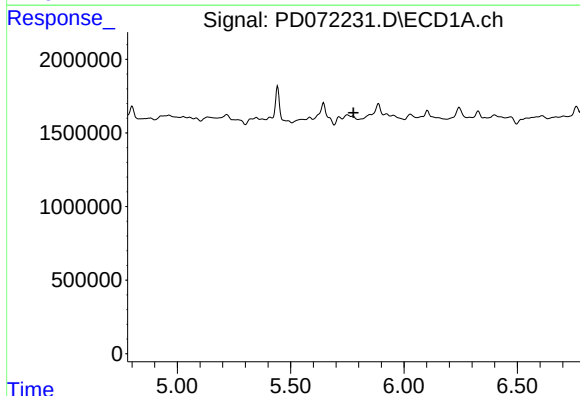
R.T.: 0.000 min  
Exp R.T.: 5.922 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



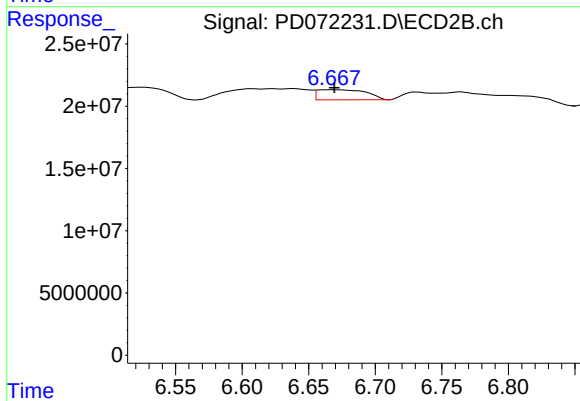
#15 Endosulfan II

R.T.: 6.765 min  
Delta R.T.: 0.004 min  
Response: 35066050  
Conc: 2.60 ng/ml



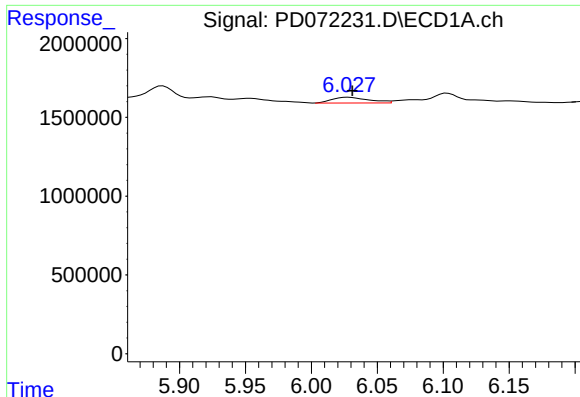
#16 4,4'-DDD

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



#16 4,4'-DDD

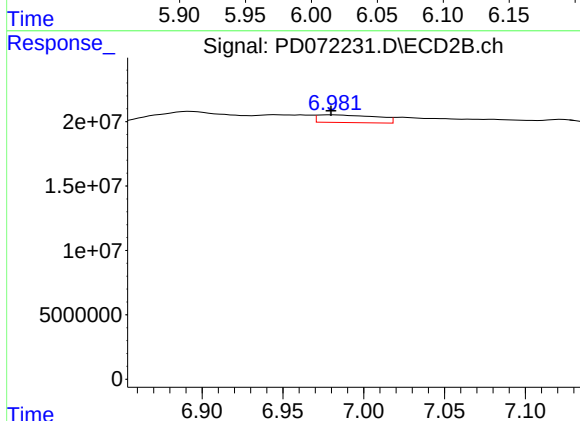
R.T.: 6.668 min  
Delta R.T.: -0.001 min  
Response: 19706312  
Conc: 1.42 ng/ml



#17 4,4'-DDT

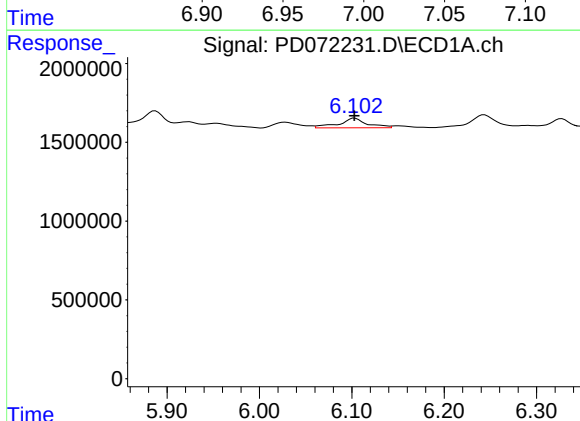
R.T.: 6.028 min  
Delta R.T.: -0.003 min  
Response: 702199  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



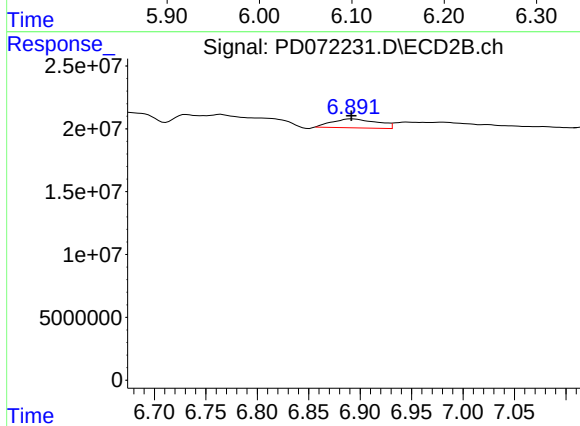
#17 4,4'-DDT

R.T.: 6.981 min  
Delta R.T.: 0.001 min  
Response: 15248038  
Conc: 1.08 ng/ml



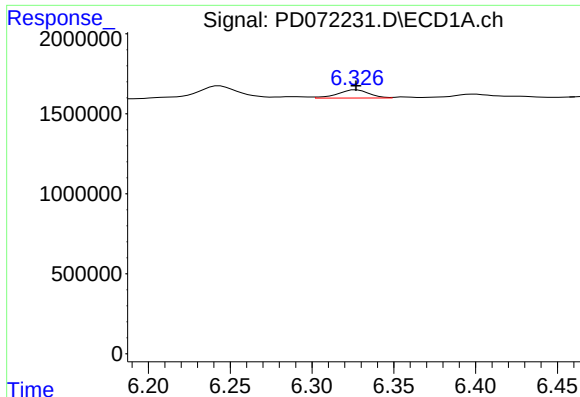
#18 Endrin aldehyde

R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 1287941  
Conc: 0.60 ng/ml



#18 Endrin aldehyde

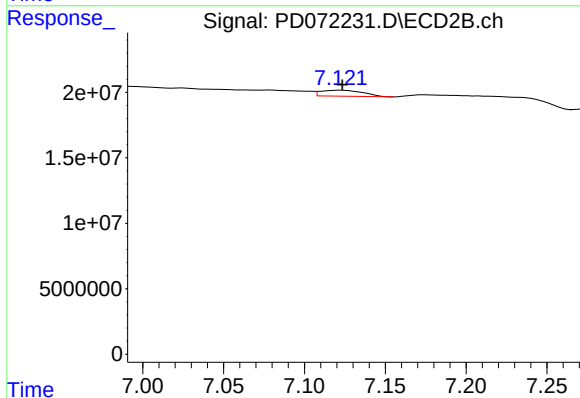
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 21835581  
Conc: 2.01 ng/ml



#19 Endosulfan Sulfate

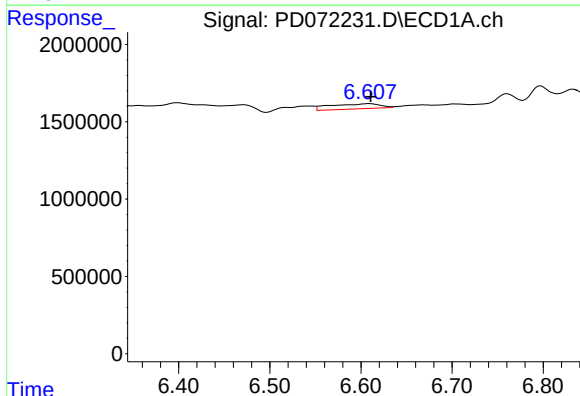
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 689897  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



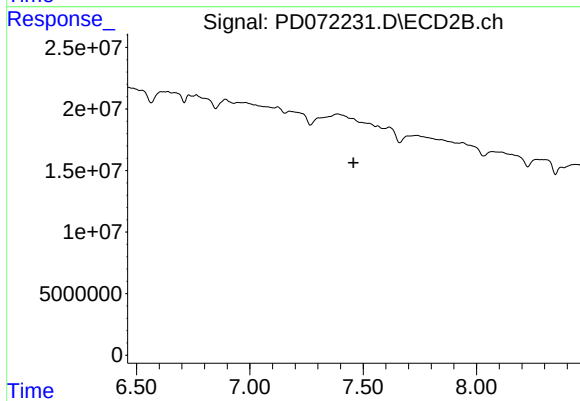
#19 Endosulfan Sulfate

R.T.: 7.122 min  
Delta R.T.: -0.001 min  
Response: 8330150  
Conc: 0.66 ng/ml



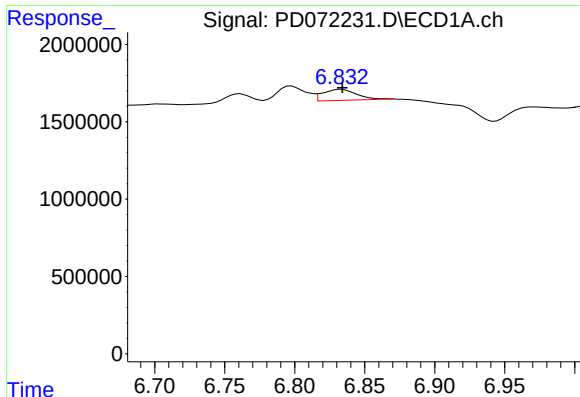
#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: -0.001 min  
Response: 1274172  
Conc: 0.83 ng/ml



#20 Methoxychlor

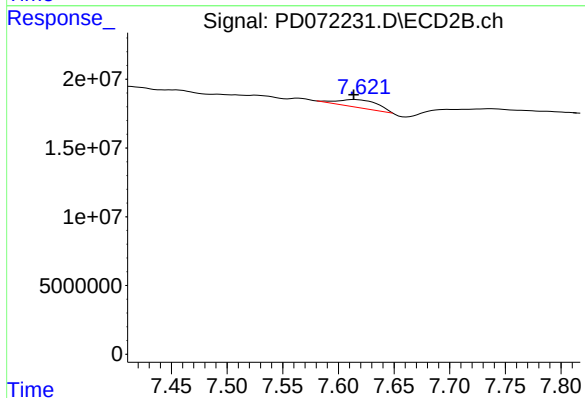
R.T.: 0.000 min  
Exp R.T. : 7.457 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

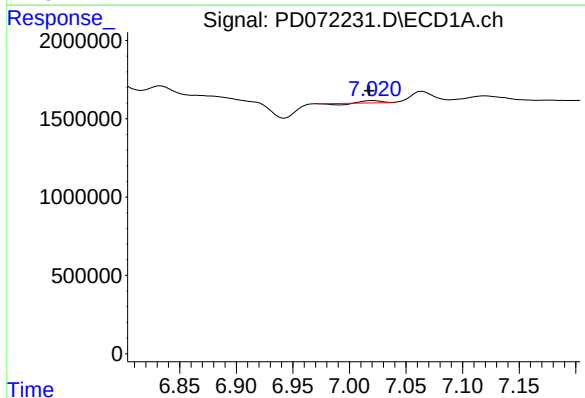
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 1211769  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



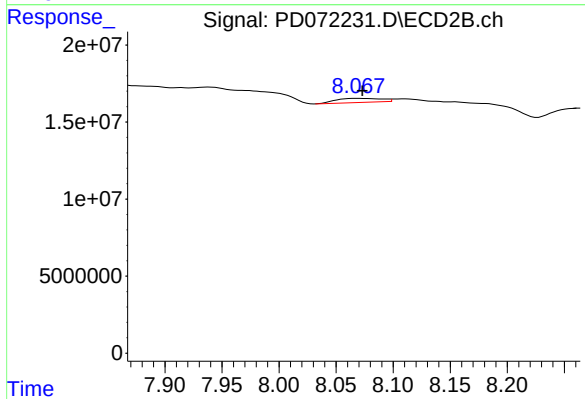
#21 Endrin ketone

R.T.: 7.615 min  
Delta R.T.: 0.001 min  
Response: 13231067  
Conc: 0.94 ng/ml



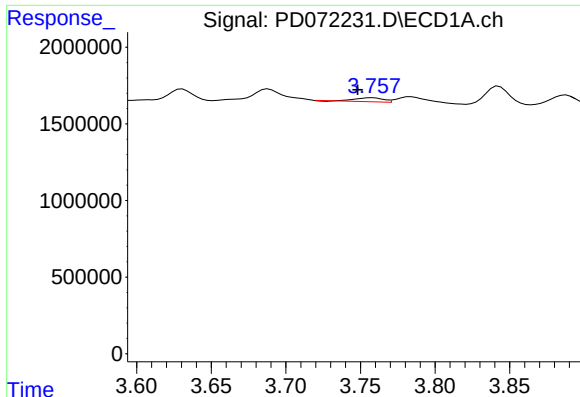
#22 Mirex

R.T.: 7.021 min  
Delta R.T.: 0.003 min  
Response: 62417  
Conc: 0.03 ng/ml



#22 Mirex

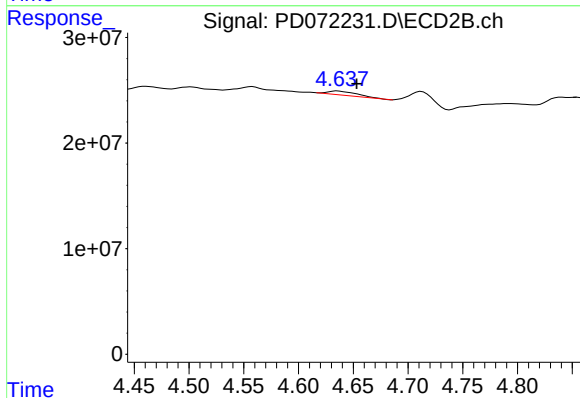
R.T.: 8.070 min  
Delta R.T.: -0.004 min  
Response: 7295014  
Conc: 0.79 ng/ml



#23 Chlordane-1

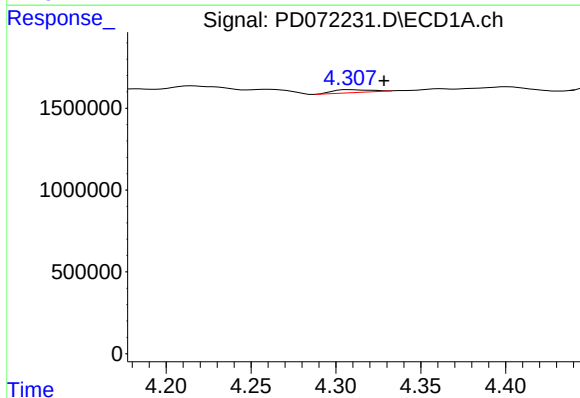
R.T.: 3.758 min  
Delta R.T.: 0.010 min  
Response: 335666  
Conc: 3.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



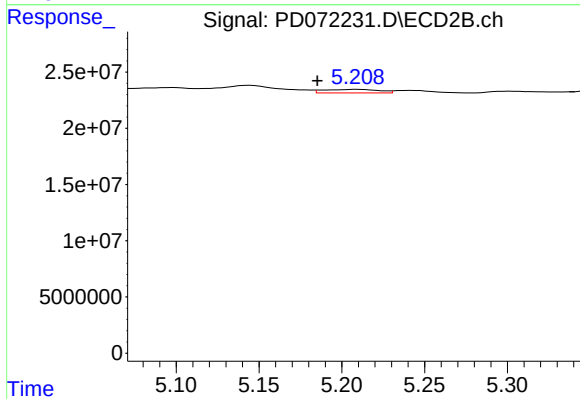
#23 Chlordane-1

R.T.: 4.636 min  
Delta R.T.: -0.018 min  
Response: 6882730  
Conc: 5.90 ng/ml



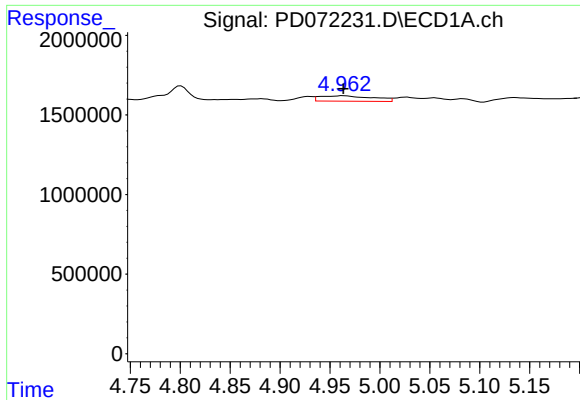
#24 Chlordane-2

R.T.: 4.308 min  
Delta R.T.: -0.020 min  
Response: 270005  
Conc: 2.34 ng/ml



#24 Chlordane-2

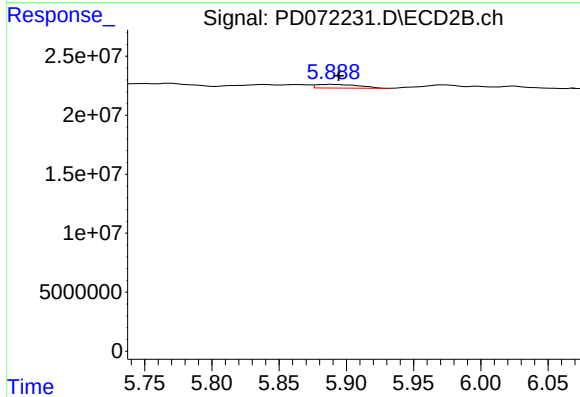
R.T.: 5.210 min  
Delta R.T.: 0.024 min  
Response: 7316808  
Conc: 8.42 ng/ml



#25 Chlordane-3

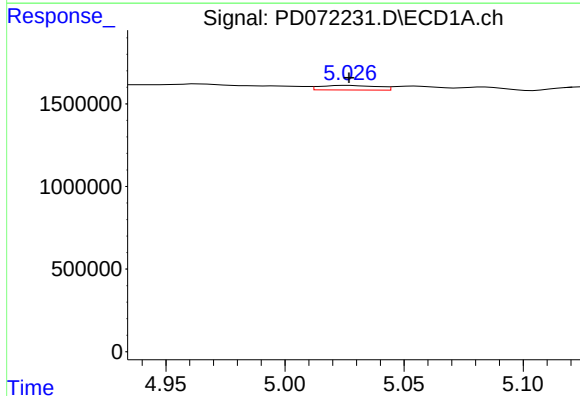
R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 1230642  
Conc: 3.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



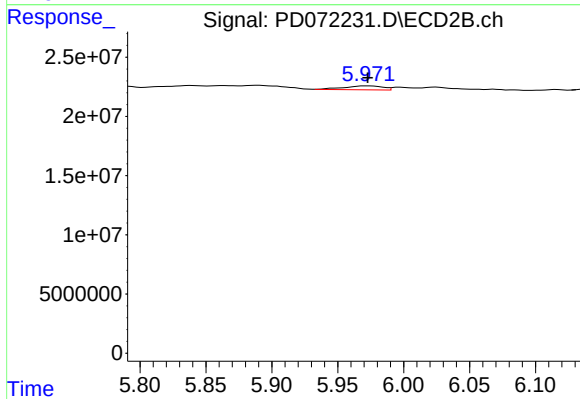
#25 Chlordane-3

R.T.: 5.890 min  
Delta R.T.: -0.005 min  
Response: 6957544  
Conc: 2.76 ng/ml



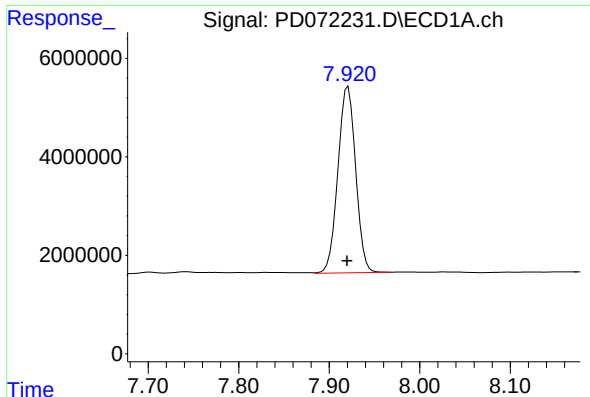
#26 Chlordane-4

R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 458341  
Conc: 1.47 ng/ml



#26 Chlordane-4

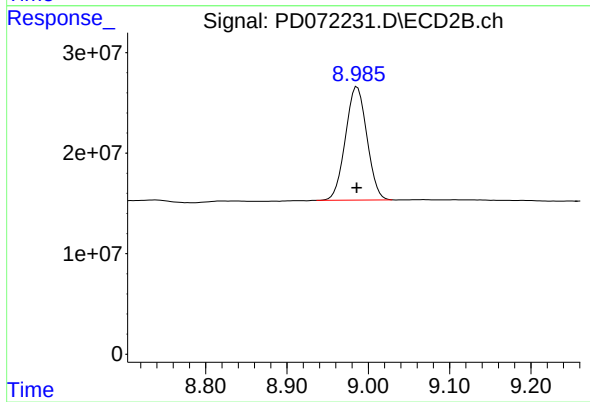
R.T.: 5.973 min  
Delta R.T.: 0.000 min  
Response: 6815130  
Conc: 2.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: 0.001 min  
Response: 51508504  
Conc: 20.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.986 min  
Delta R.T.: 0.000 min  
Response: 206592096  
Conc: 20.56 ng/ml