

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
 Data File : PD071385.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2022 09:59  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 11:49:03 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  | 3.572  | 56742331 | 657.5E6  | 20.008  | 23.356   |
| 2)                          | SA Decachlor... | 8.013  | 9.101  | 57841173 | 253.3E6  | 20.855  | 24.471   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.323  | 4.038  | 43144340 | 474.8E6  | 10.289  | 12.791   |
| 3)                          | MA gamma-BHC... | 3.657  | 4.374  | 40108872 | 388.2E6  | 10.027  | 12.966 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.971f | 0        | 3820384  | N.D.    | 0.181 #  |
| 5)                          | MB Aldrin       | 4.294  | 5.295  | 157665   | 250559   | 0.039   | 0.014 #  |
| 6)                          | B beta-BHC      | 3.956  | 4.580  | 18942116 | 160.3E6  | 11.088  | 13.532   |
| 9)                          | A Endosulfan I  | 0.000  | 6.134f | 0        | 746615   | N.D.    | 0.054 #  |
| 10)                         | B gamma-Chl...  | 5.054  | 0.000  | 133035   | 0        | 0.035   | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 6.060  | 0        | 4149529  | N.D.    | 0.286 #  |
| 12)                         | B 4,4'-DDE      | 5.308  | 6.226  | 379040   | 839021   | 0.111   | 0.059 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.397  | 0        | 2108563  | N.D.    | 0.143 #  |
| 14)                         | MA Endrin       | 5.715  | 6.624  | 158.5E6  | 691.1E6  | 50.049  | 55.252   |
| 15)                         | B Endosulfa...  | 6.027  | 6.847  | 2266780  | 13450688 | 0.754   | 1.085 #  |
| 16)                         | A 4,4'-DDD      | 5.867  | 6.764  | 3605429  | 5706479  | 1.265   | 0.480 #  |
| 17)                         | MA 4,4'-DDT     | 6.117  | 7.066  | 317.2E6  | 1401.2E6 | 107.475 | 107.426  |
| 18)                         | B Endrin al...  | 6.192  | 6.980  | 5098184  | 21595770 | 2.312   | 2.229    |
| 19)                         | B Endosulfa...  | 6.403f | 7.193f | 877069   | 2839844  | 0.305   | 0.238    |
| 20)                         | A Methoxychlor  | 6.697  | 7.542  | 412.2E6  | 1718.8E6 | 249.896 | 249.368  |
| 21)                         | B Endrin ke...  | 6.926  | 7.704  | 9911188  | 41543553 | 3.043   | 3.095    |
| 24)                         | Chlordane-2     | 0.000  | 5.279  | 0        | 428226   | N.D.    | 0.715 #  |
| 25)                         | Chlordane-3     | 5.054  | 0.000  | 133035   | 0        | 0.390   | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 6.060  | 0        | 4149529  | N.D.    | 1.904 #  |
| 27)                         | Chlordane-5     | 6.027  | 0.000  | 2266780  | 0        | 18.748  | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

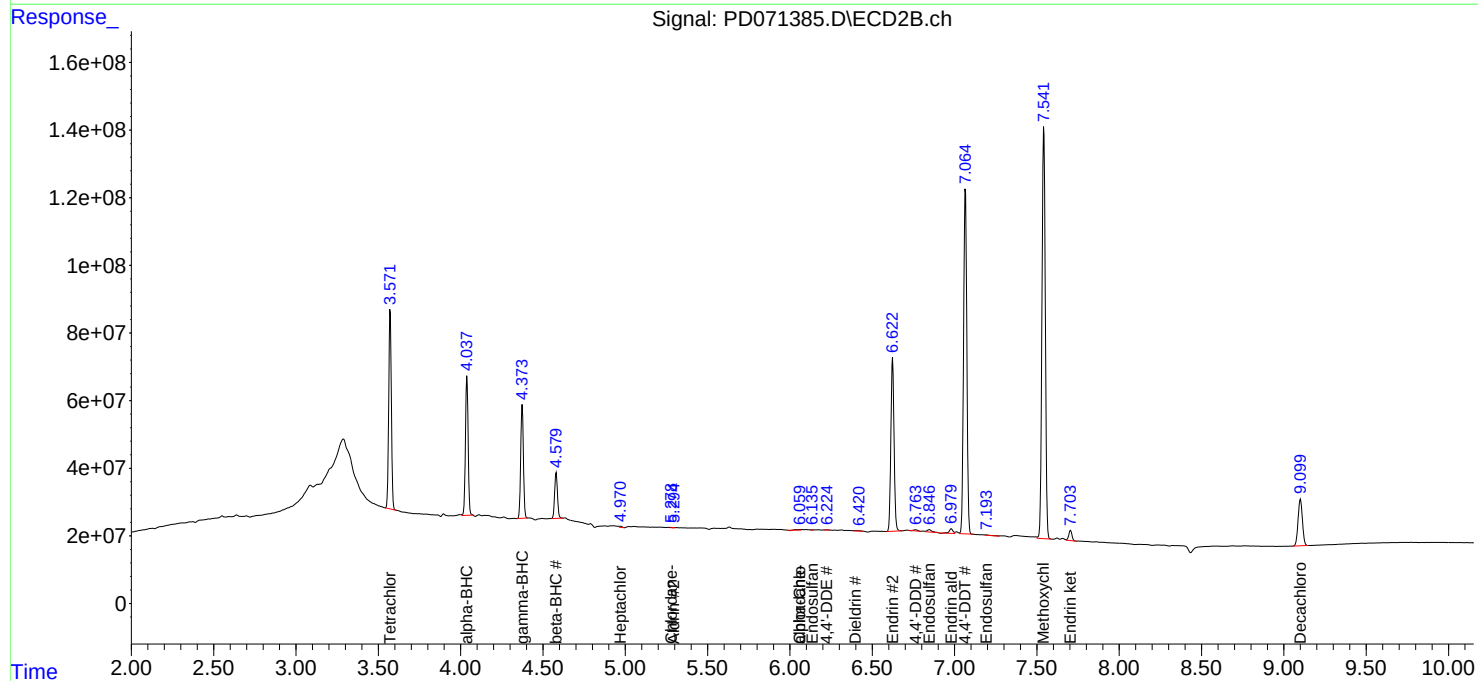
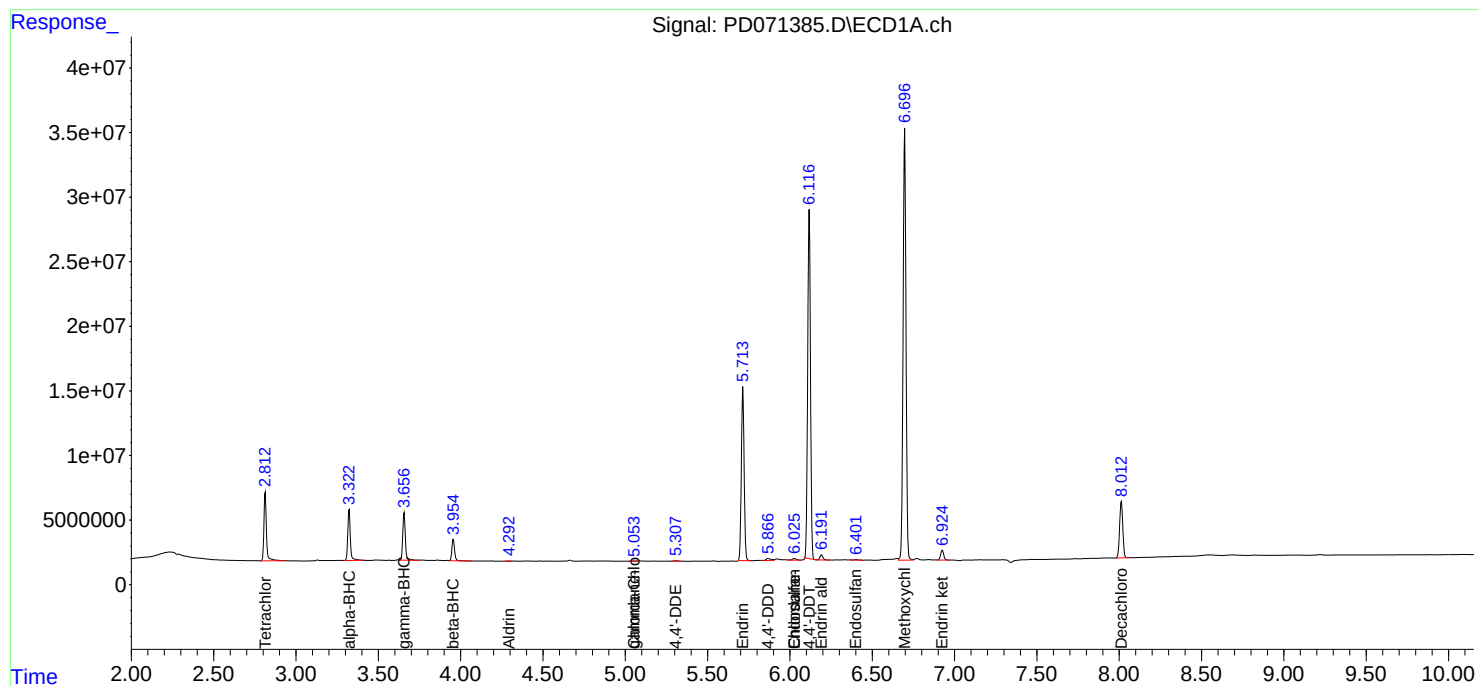
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

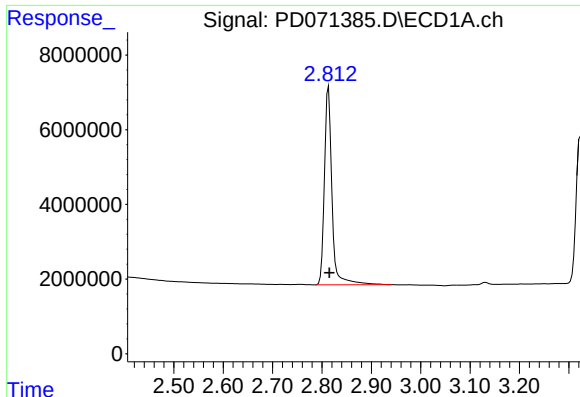
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
Data File : PD071385.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2022 09:59  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 11:49:03 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

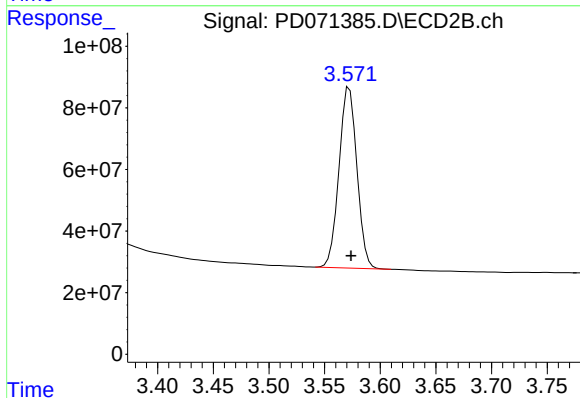




#1 Tetrachloro-m-xylene

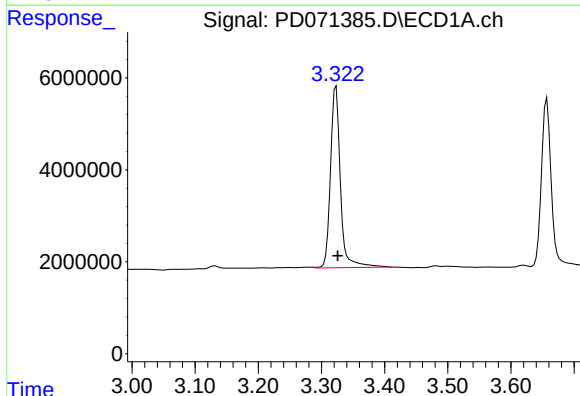
R.T.: 2.813 min  
Delta R.T.: -0.002 min  
Response: 56742331  
Conc: 20.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



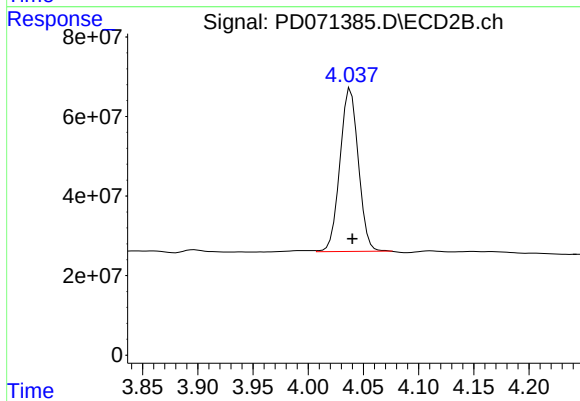
#1 Tetrachloro-m-xylene

R.T.: 3.572 min  
Delta R.T.: -0.002 min  
Response: 657465903  
Conc: 23.36 ng/ml



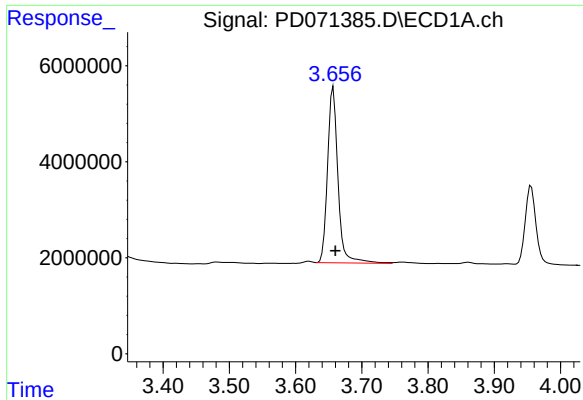
#2 alpha-BHC

R.T.: 3.323 min  
Delta R.T.: -0.003 min  
Response: 43144340  
Conc: 10.29 ng/ml



#2 alpha-BHC

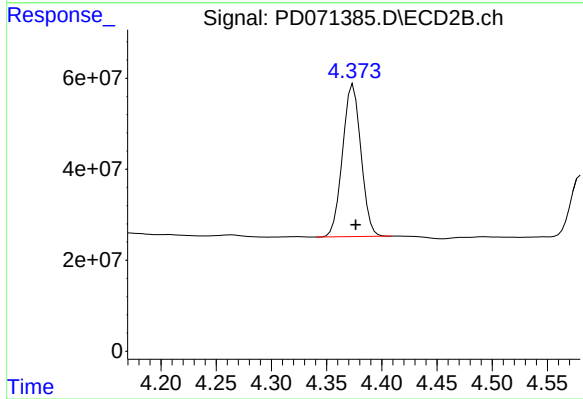
R.T.: 4.038 min  
Delta R.T.: -0.002 min  
Response: 474841171  
Conc: 12.79 ng/ml



#3 gamma-BHC (Lindane)

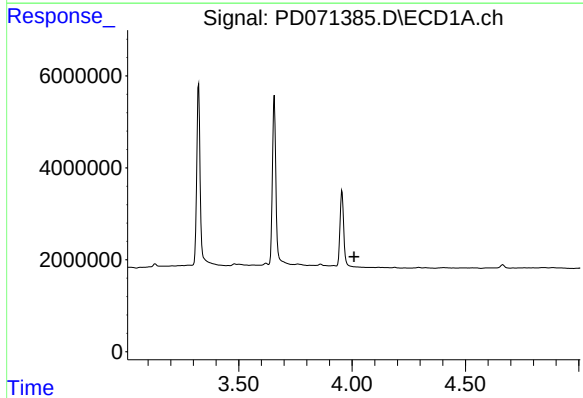
R.T.: 3.657 min  
Delta R.T.: -0.003 min  
Response: 40108872  
Conc: 10.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



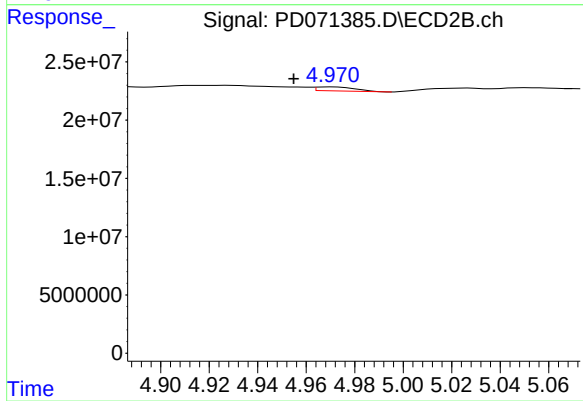
#3 gamma-BHC (Lindane)

R.T.: 4.374 min  
Delta R.T.: -0.002 min  
Response: 388238039  
Conc: 12.97 ng/ml



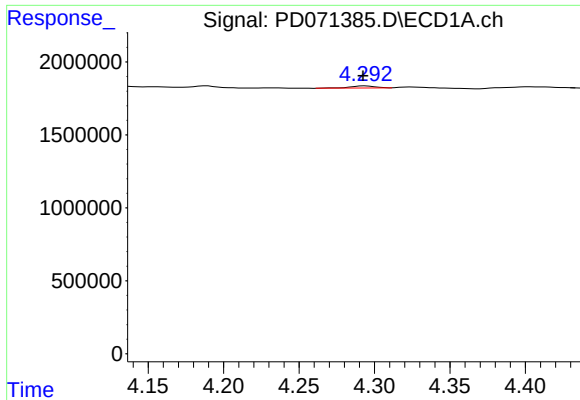
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.008 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

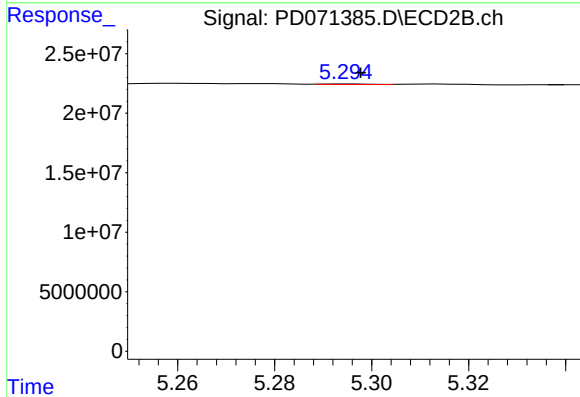
R.T.: 4.971 min  
Delta R.T.: 0.016 min  
Response: 3820384  
Conc: 0.18 ng/ml



#5 Aldrin

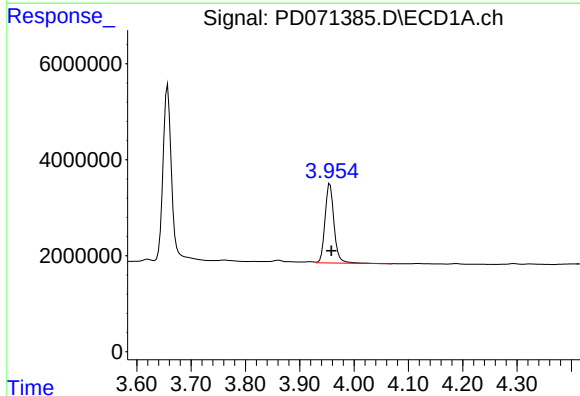
R.T.: 4.294 min  
Delta R.T.: 0.001 min  
Response: 157665  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



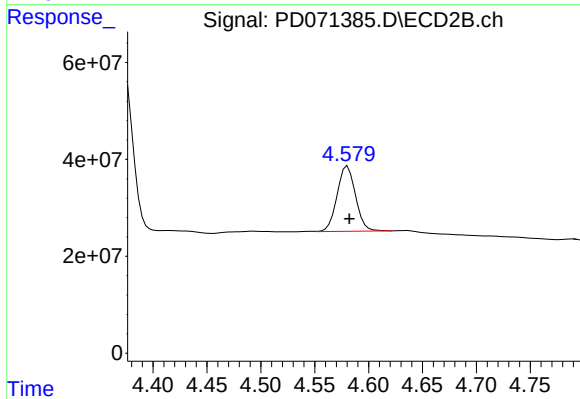
#5 Aldrin

R.T.: 5.295 min  
Delta R.T.: -0.003 min  
Response: 250559  
Conc: 0.01 ng/ml



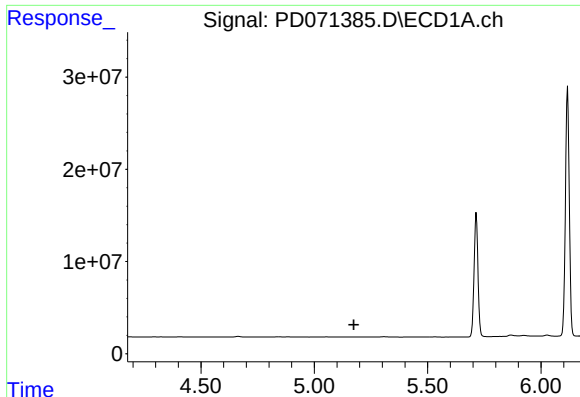
#6 beta-BHC

R.T.: 3.956 min  
Delta R.T.: -0.003 min  
Response: 18942116  
Conc: 11.09 ng/ml



#6 beta-BHC

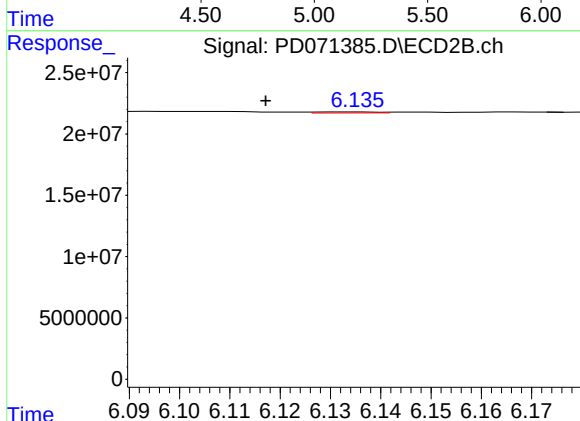
R.T.: 4.580 min  
Delta R.T.: -0.002 min  
Response: 160283451  
Conc: 13.53 ng/ml



#9 Endosulfan I

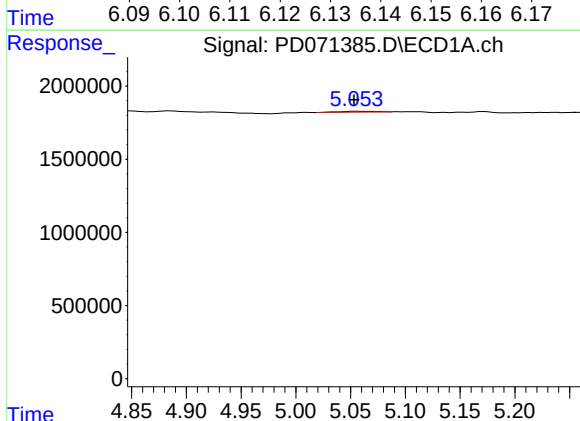
R.T.: 0.000 min  
Exp R.T.: 5.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



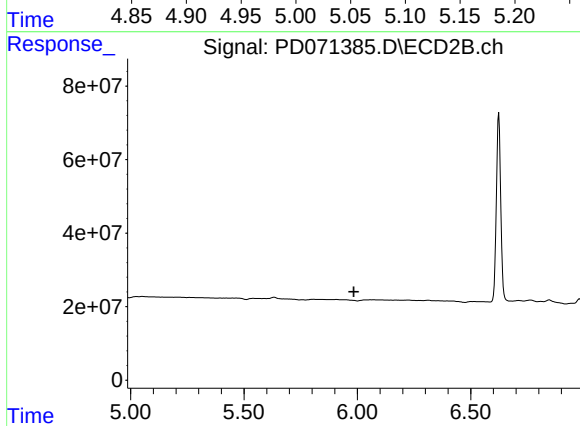
#9 Endosulfan I

R.T.: 6.134 min  
Delta R.T.: 0.017 min  
Response: 746615  
Conc: 0.05 ng/ml



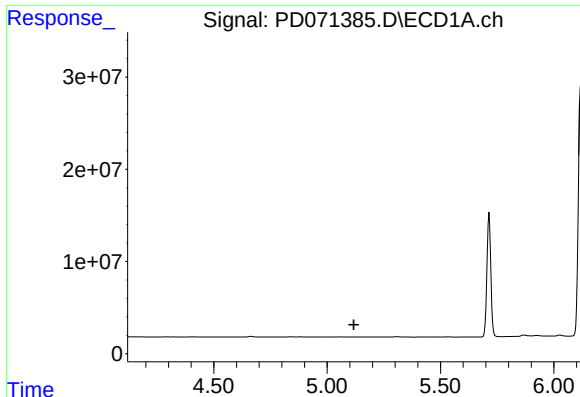
#10 gamma-Chlordane

R.T.: 5.054 min  
Delta R.T.: 0.001 min  
Response: 133035  
Conc: 0.04 ng/ml



#10 gamma-Chlordane

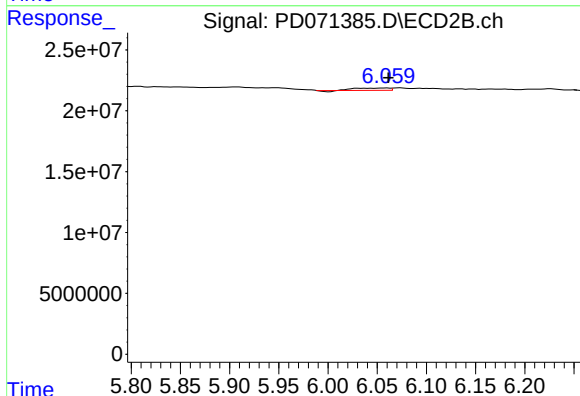
R.T.: 0.000 min  
Exp R.T.: 5.984 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

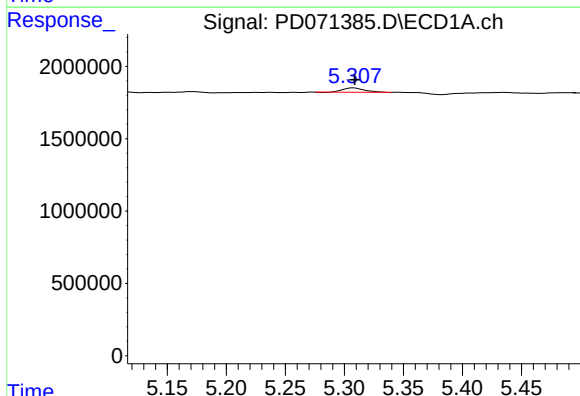
R.T.: 0.000 min  
Exp R.T.: 5.118 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



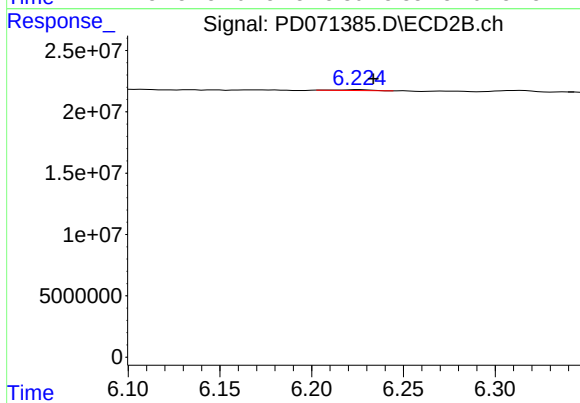
#11 alpha-Chlordane

R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 4149529  
Conc: 0.29 ng/ml



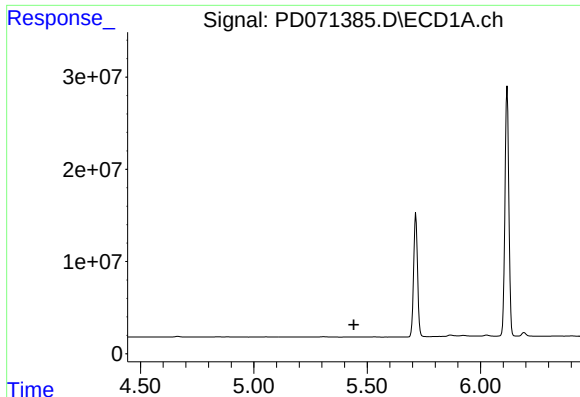
#12 4,4'-DDE

R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 379040  
Conc: 0.11 ng/ml



#12 4,4'-DDE

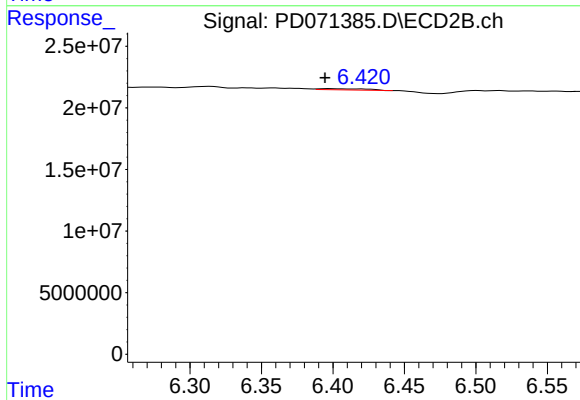
R.T.: 6.226 min  
Delta R.T.: -0.008 min  
Response: 839021  
Conc: 0.06 ng/ml



#13 Dieldrin

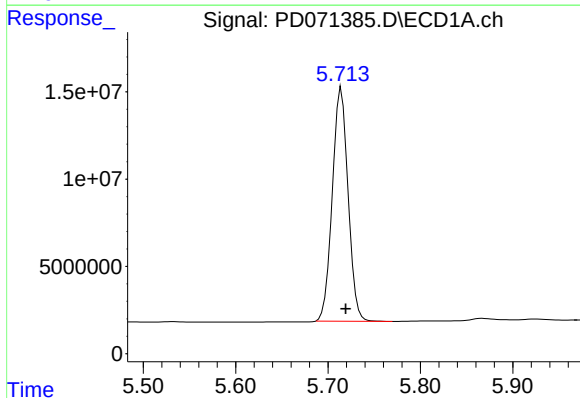
R.T.: 0.000 min  
Exp R.T.: 5.441 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



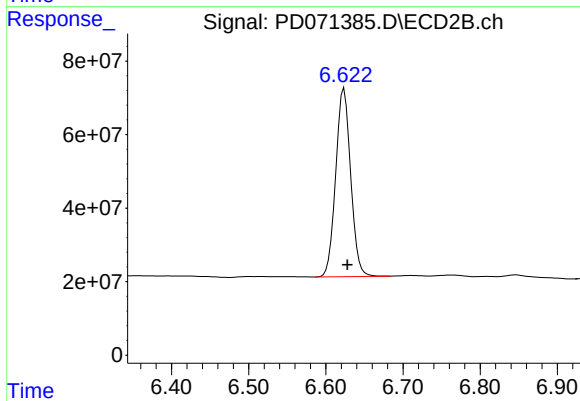
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: 0.003 min  
Response: 2108563  
Conc: 0.14 ng/ml



#14 Endrin

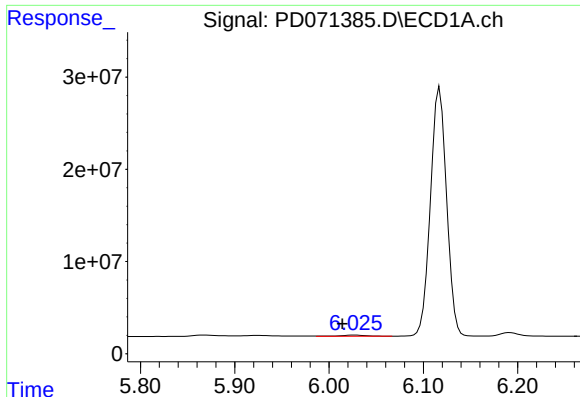
R.T.: 5.715 min  
Delta R.T.: -0.005 min  
Response: 158461512  
Conc: 50.05 ng/ml



#14 Endrin

R.T.: 6.624 min  
Delta R.T.: -0.004 min  
Response: 691126920  
Conc: 55.25 ng/ml

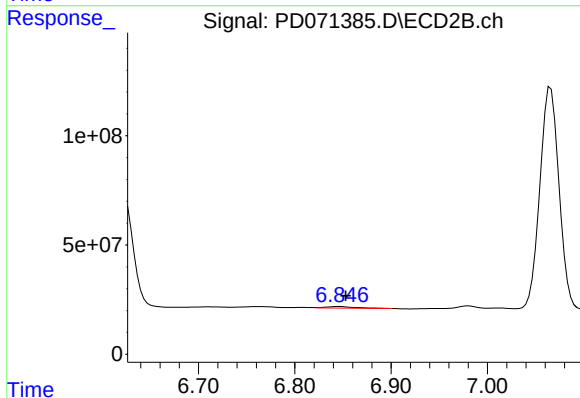




#15 Endosulfan II

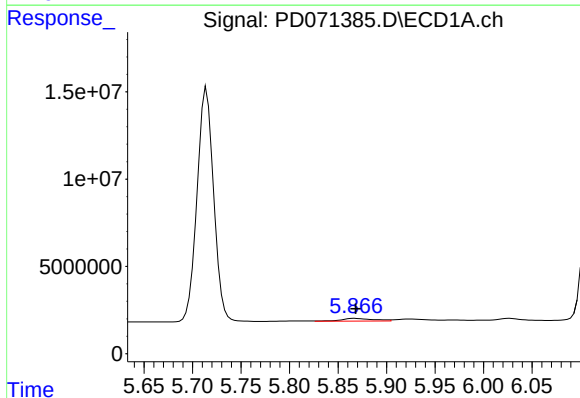
R.T.: 6.027 min  
Delta R.T.: 0.013 min  
Response: 2266780  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



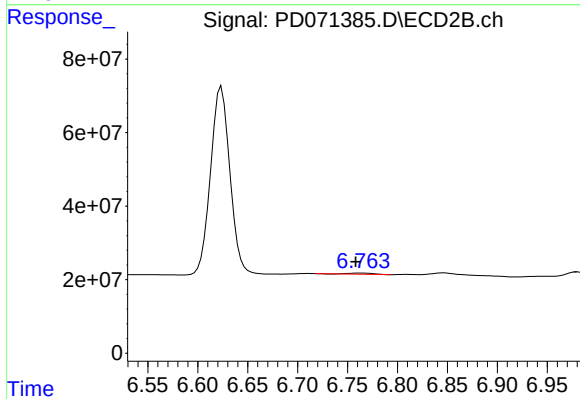
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: -0.006 min  
Response: 13450688  
Conc: 1.08 ng/ml



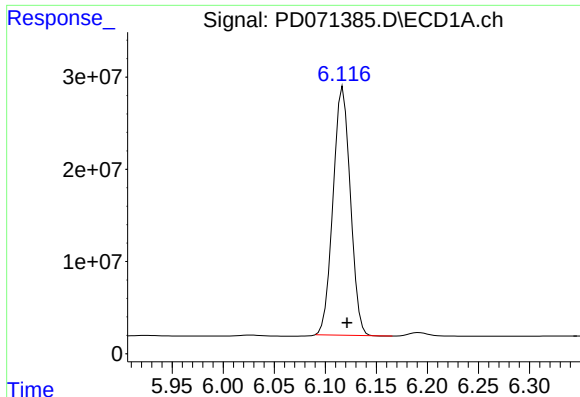
#16 4,4'-DDD

R.T.: 5.867 min  
Delta R.T.: 0.000 min  
Response: 3605429  
Conc: 1.26 ng/ml



#16 4,4'-DDD

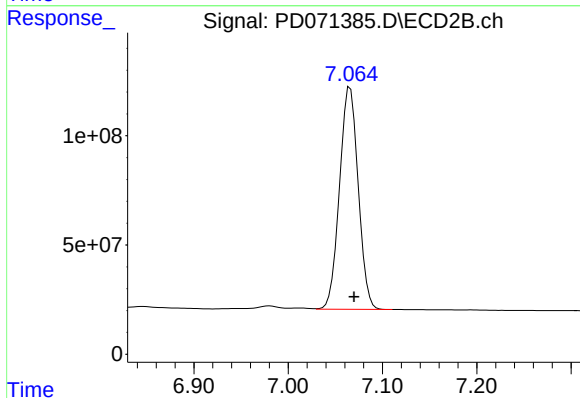
R.T.: 6.764 min  
Delta R.T.: 0.006 min  
Response: 5706479  
Conc: 0.48 ng/ml



#17 4,4'-DDT

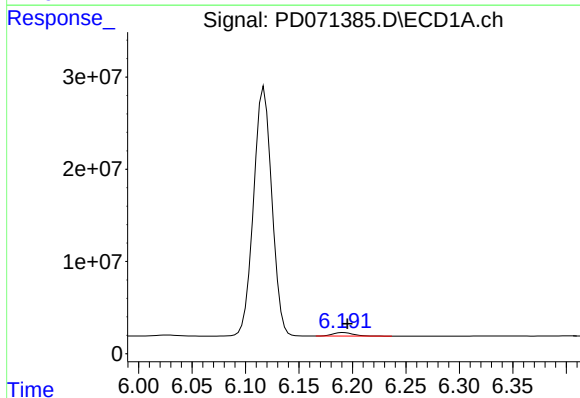
R.T.: 6.117 min  
Delta R.T.: -0.004 min  
Response: 317239407  
Conc: 107.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



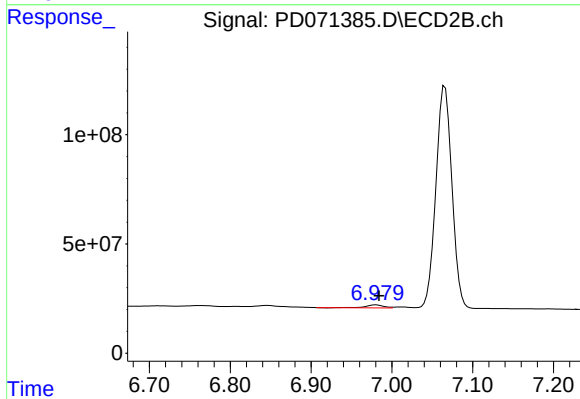
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: -0.004 min  
Response: 1401159116  
Conc: 107.43 ng/ml



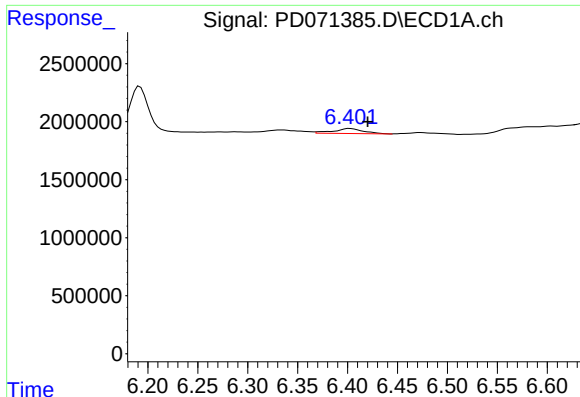
#18 Endrin aldehyde

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 5098184  
Conc: 2.31 ng/ml



#18 Endrin aldehyde

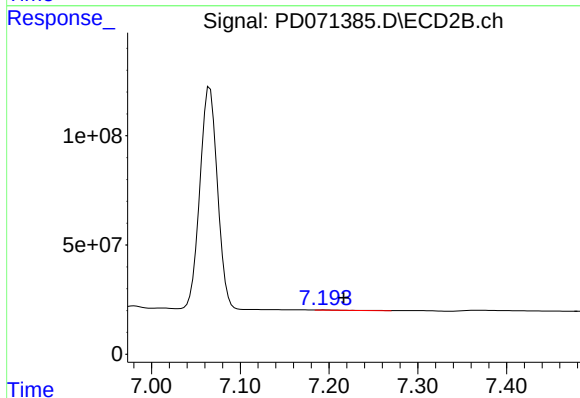
R.T.: 6.980 min  
Delta R.T.: -0.004 min  
Response: 21595770  
Conc: 2.23 ng/ml



#19 Endosulfan Sulfate

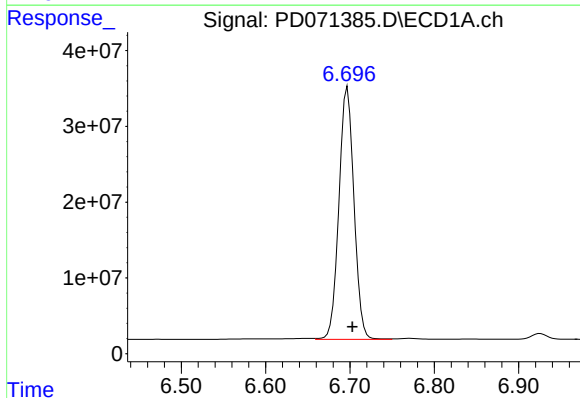
R.T.: 6.403 min  
Delta R.T.: -0.018 min  
Response: 877069  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



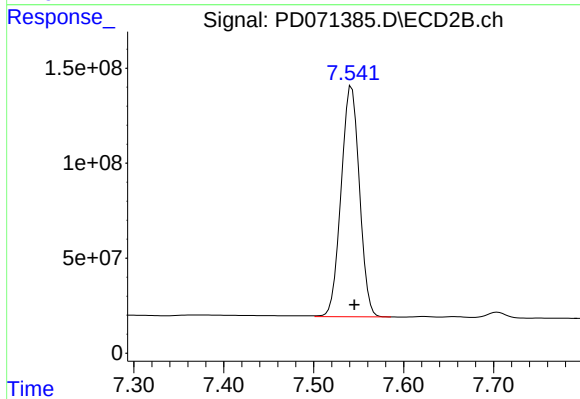
#19 Endosulfan Sulfate

R.T.: 7.193 min  
Delta R.T.: -0.024 min  
Response: 2839844  
Conc: 0.24 ng/ml



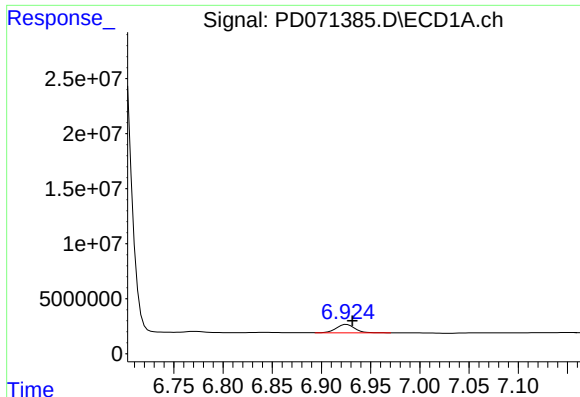
#20 Methoxychlor

R.T.: 6.697 min  
Delta R.T.: -0.006 min  
Response: 412206385  
Conc: 249.90 ng/ml



#20 Methoxychlor

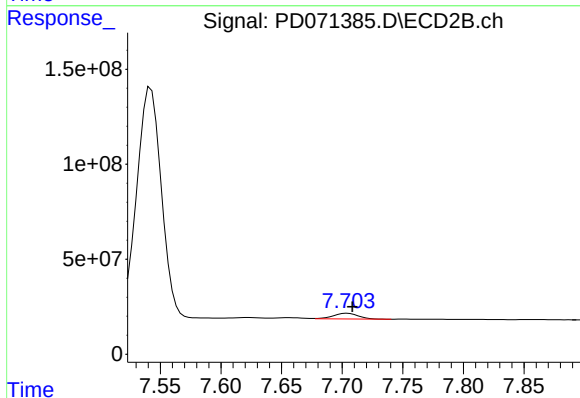
R.T.: 7.542 min  
Delta R.T.: -0.003 min  
Response: 1718827346  
Conc: 249.37 ng/ml



#21 Endrin ketone

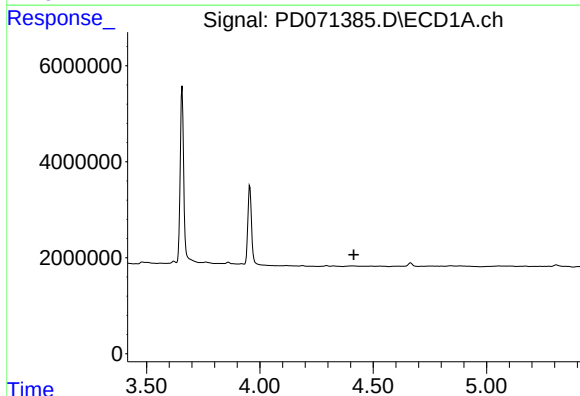
R.T.: 6.926 min  
Delta R.T.: -0.006 min  
Response: 9911188  
Conc: 3.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



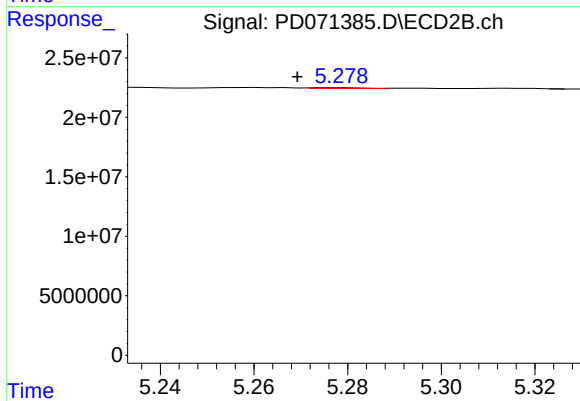
#21 Endrin ketone

R.T.: 7.704 min  
Delta R.T.: -0.004 min  
Response: 41543553  
Conc: 3.09 ng/ml



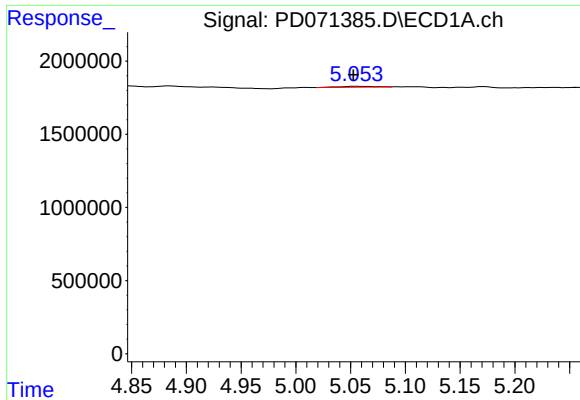
#24 Chlordane-2

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



#24 Chlordane-2

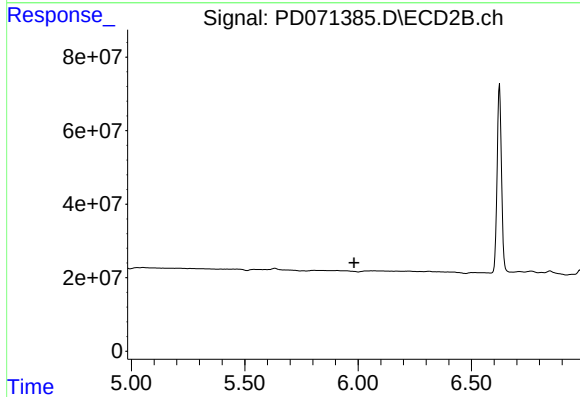
R.T.: 5.279 min  
Delta R.T.: 0.009 min  
Response: 428226  
Conc: 0.71 ng/ml



#25 Chlordane-3

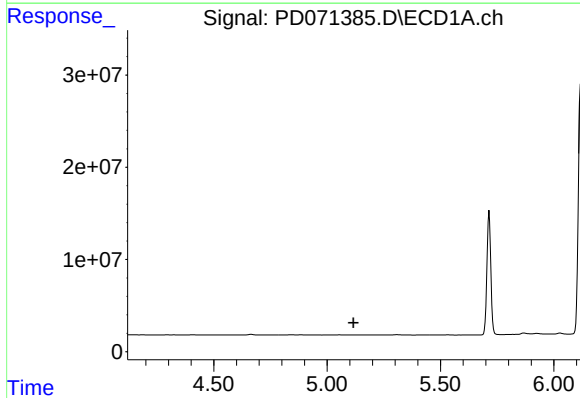
R.T.: 5.054 min  
Delta R.T.: 0.002 min  
Response: 133035  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



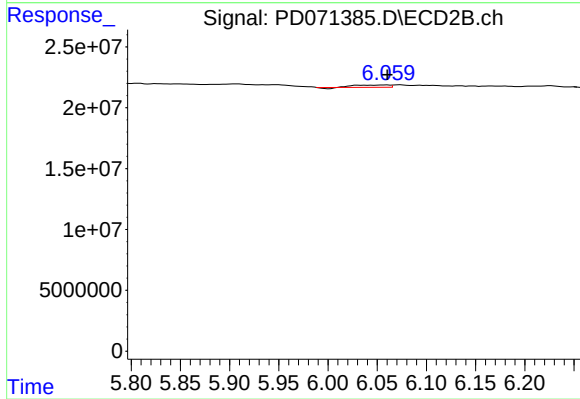
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.982 min  
Response: 0  
Conc: N.D.



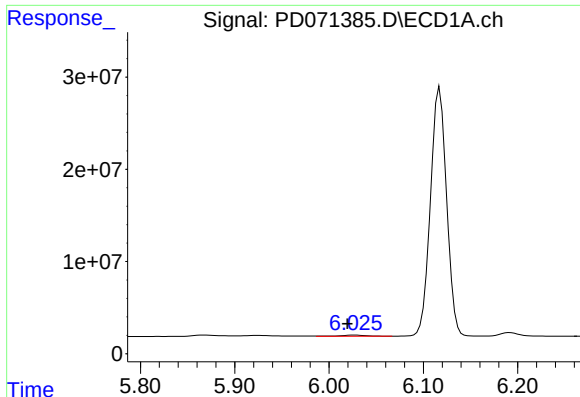
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.117 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

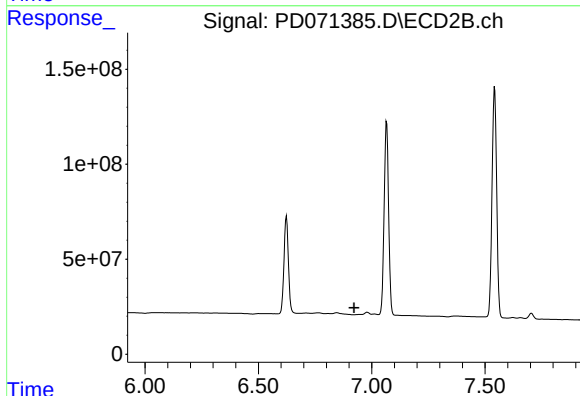
R.T.: 6.060 min  
Delta R.T.: 0.000 min  
Response: 4149529  
Conc: 1.90 ng/ml



#27 Chlordane-5

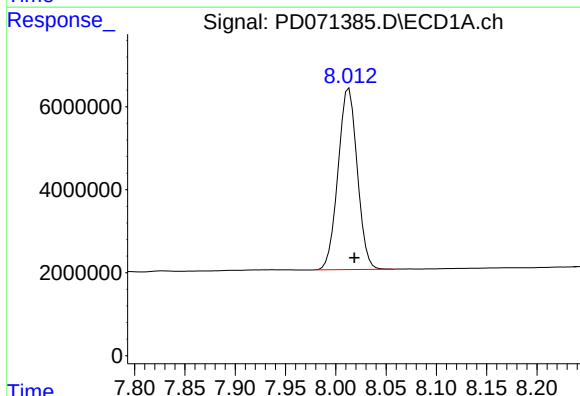
R.T.: 6.027 min  
Delta R.T.: 0.007 min  
Response: 2266780  
Conc: 18.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



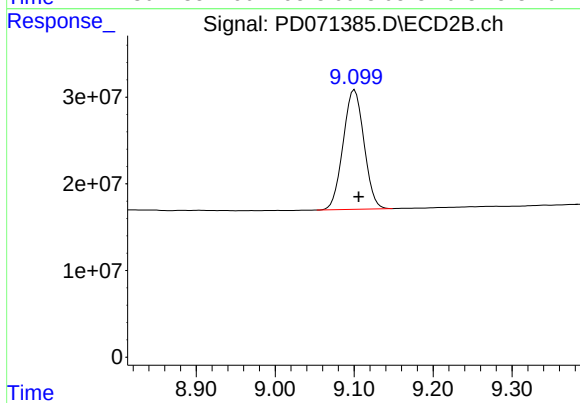
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.013 min  
Delta R.T.: -0.005 min  
Response: 57841173  
Conc: 20.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min  
Delta R.T.: -0.005 min  
Response: 253339361  
Conc: 24.47 ng/ml