

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081622\  
 Data File : PD071585.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2022 15:58  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 04:48:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 16 05:36:08 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... | 2.807  | 3.564  | 140.7E6  | 1456.6E6 | 51.470   | 49.696    |
| 28)                         | SA Decachlor... | 8.001  | 9.090  | 128.7E6  | 480.8E6  | 44.301   | 47.121    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.316  | 4.031  | 222.7E6  | 1967.2E6 | 52.444   | 49.901    |
| 3)                          | MA gamma-BHC... | 3.649  | 4.366  | 202.7E6  | 1577.6E6 | 52.535   | 49.174    |
| 4)                          | MA Heptachlor   | 3.996  | 4.944  | 213.4E6  | 1168.1E6 | 52.244   | 48.641    |
| 5)                          | MB Aldrin       | 4.280  | 5.286  | 221.0E6  | 1025.2E6 | 51.506   | 48.346    |
| 6)                          | B beta-BHC      | 3.947  | 4.572  | 82339840 | 612.1E6  | 51.877   | 49.698    |
| 7)                          | B delta-BHC     | 4.181  | 4.820  | 209.4E6  | 1279.1E6 | 53.950   | 50.998    |
| 8)                          | B Heptachlo...  | 4.787  | 5.717  | 189.0E6  | 842.1E6  | 50.624   | 48.656    |
| 9)                          | A Endosulfan I  | 5.161  | 6.105  | 173.5E6  | 754.0E6  | 50.164   | 48.469    |
| 10)                         | B gamma-Chl...  | 5.039  | 5.972  | 197.4E6  | 840.7E6  | 50.881   | 48.895    |
| 11)                         | B alpha-Chl...  | 5.104  | 6.050  | 193.2E6  | 809.9E6  | 50.449   | 48.478    |
| 12)                         | B 4,4'-DDE      | 5.295  | 6.222  | 183.2E6  | 763.0E6  | 52.816   | 48.978    |
| 13)                         | MA Dieldrin     | 5.427  | 6.382  | 198.7E6  | 825.7E6  | 51.232   | 48.559    |
| 14)                         | MA Endrin       | 5.704  | 6.614  | 175.1E6  | 677.4E6  | 50.800   | 47.262    |
| 15)                         | B Endosulfa...  | 6.000  | 6.841  | 160.5E6  | 662.8E6  | 49.973   | 48.193    |
| 16)                         | A 4,4'-DDD      | 5.853  | 6.747  | 149.4E6  | 627.7E6  | 54.475   | 51.004    |
| 17)                         | MA 4,4'-DDT     | 6.107  | 7.057  | 151.3E6  | 627.1E6  | 52.102   | 49.053    |
| 18)                         | B Endrin al...  | 6.180  | 6.972  | 124.5E6  | 521.6E6  | 48.299   | 47.777    |
| 19)                         | B Endosulfa...  | 6.405  | 7.204  | 150.6E6  | 596.4E6  | 49.418   | 48.652    |
| 20)                         | A Methoxychlor  | 6.686  | 7.534  | 82276257 | 317.1E6  | 52.150   | 50.066    |
| 21)                         | B Endrin ke...  | 6.915  | 7.696  | 172.7E6  | 641.0E6  | 48.146   | 47.818    |
| 22)                         | Mirex           | 7.102  | 8.158  | 130.6E6  | 440.2E6  | 45.304   | 45.562    |
| 24)                         | Chlordane-2     | 4.419f | 5.236f | 1779432  | 108994   | 12.763   | 0.148 #   |
| 25)                         | Chlordane-3     | 5.039  | 5.972  | 197.4E6  | 840.7E6  | 491.510  | 341.763 # |
| 26)                         | Chlordane-4     | 5.104  | 6.050  | 193.2E6  | 809.9E6  | 513.302  | 279.604 # |
| 27)                         | Chlordane-5     | 6.000  | 0.000  | 160.5E6  | 0        | 1121.970 | N.D. #    |
| -----                       |                 |        |        |          |          |          |           |

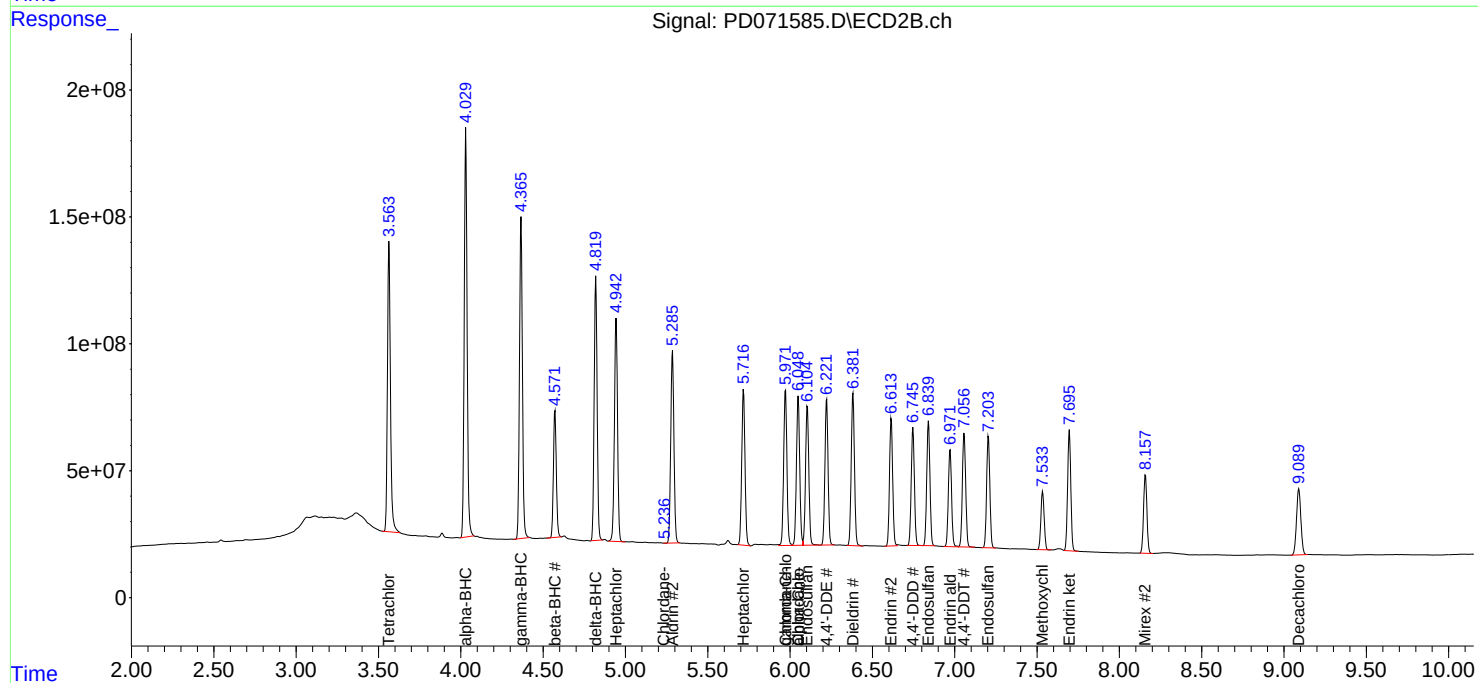
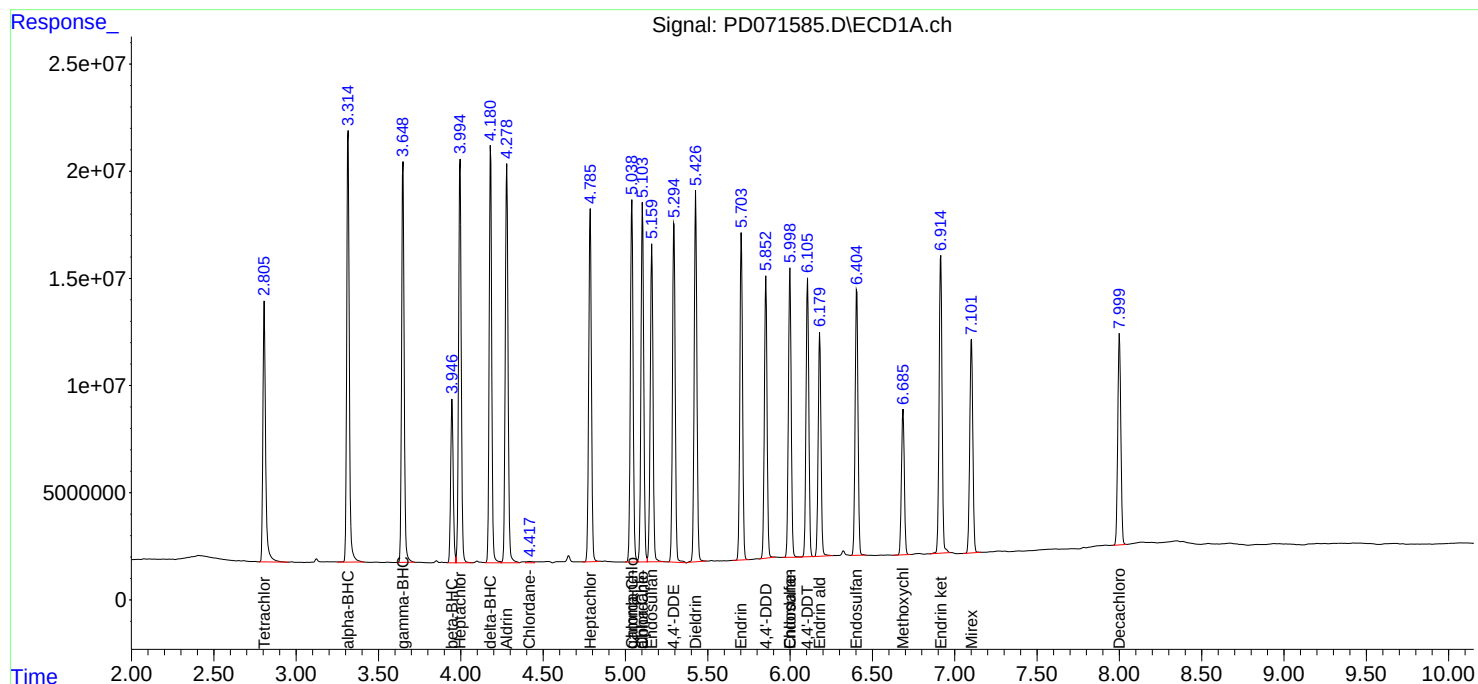
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

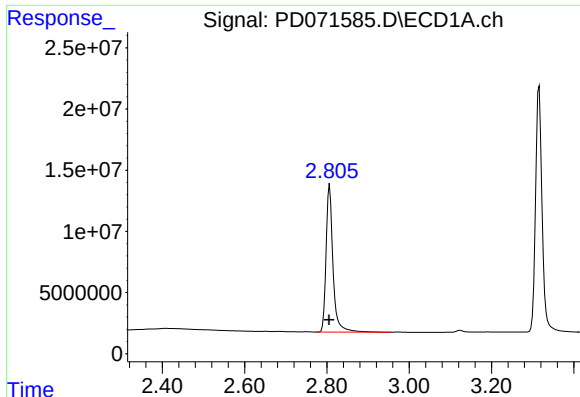
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081622\  
Data File : PD071585.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2022 15:58  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 04:48:20 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081522.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 16 05:36:08 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

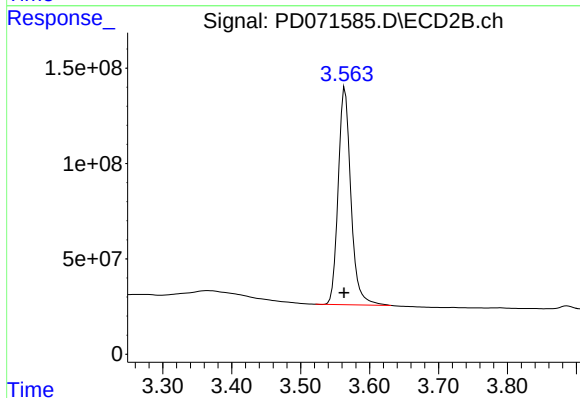




#1 Tetrachloro-m-xylene

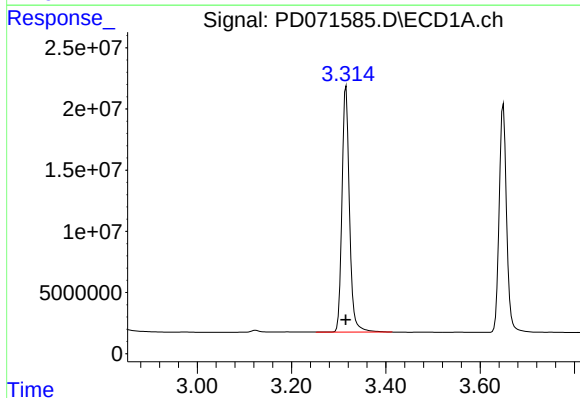
R.T.: 2.807 min  
Delta R.T.: 0.002 min  
Response: 140659625  
Conc: 51.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



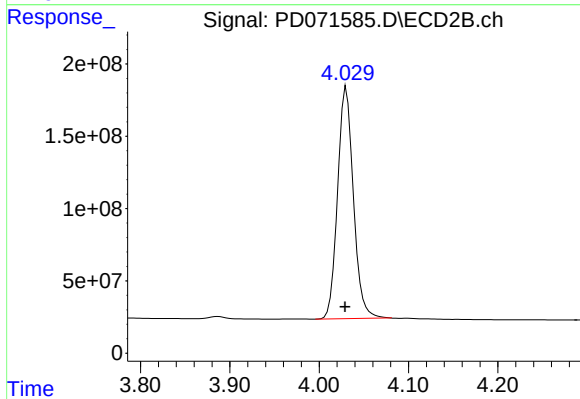
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: 0.001 min  
Response: 1456595622  
Conc: 49.70 ng/ml



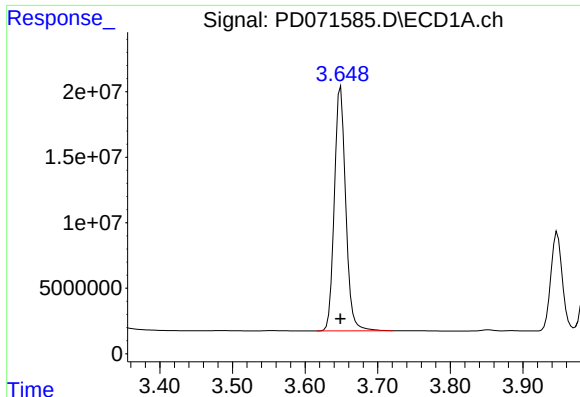
#2 alpha-BHC

R.T.: 3.316 min  
Delta R.T.: 0.000 min  
Response: 222736294  
Conc: 52.44 ng/ml



#2 alpha-BHC

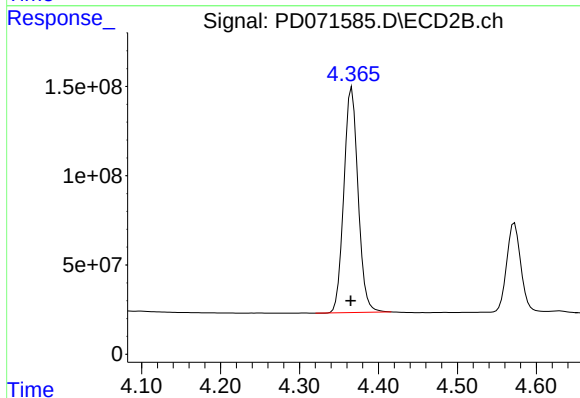
R.T.: 4.031 min  
Delta R.T.: 0.001 min  
Response: 1967214642  
Conc: 49.90 ng/ml



#3 gamma-BHC (Lindane)

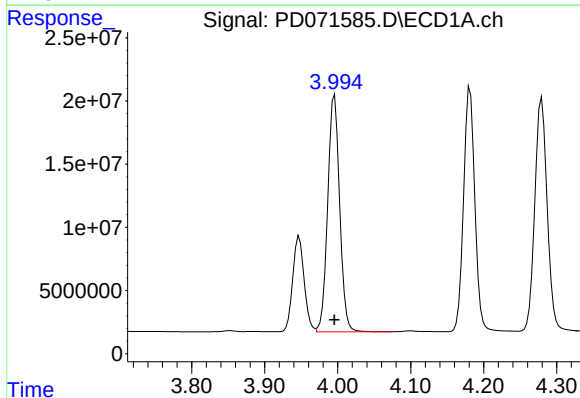
R.T.: 3.649 min  
Delta R.T.: 0.000 min  
Response: 202677046  
Conc: 52.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



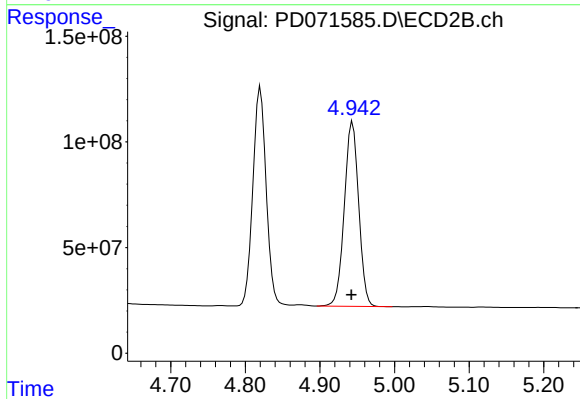
#3 gamma-BHC (Lindane)

R.T.: 4.366 min  
Delta R.T.: 0.001 min  
Response: 1577577826  
Conc: 49.17 ng/ml



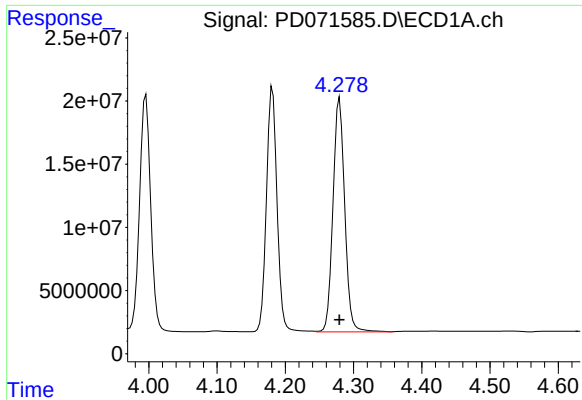
#4 Heptachlor

R.T.: 3.996 min  
Delta R.T.: 0.000 min  
Response: 213400771  
Conc: 52.24 ng/ml



#4 Heptachlor

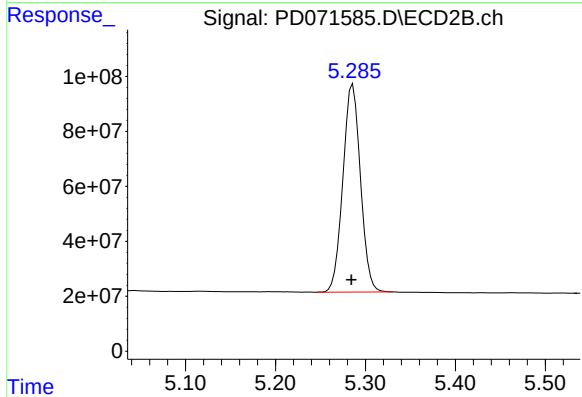
R.T.: 4.944 min  
Delta R.T.: 0.002 min  
Response: 1168108575  
Conc: 48.64 ng/ml



#5 Aldrin

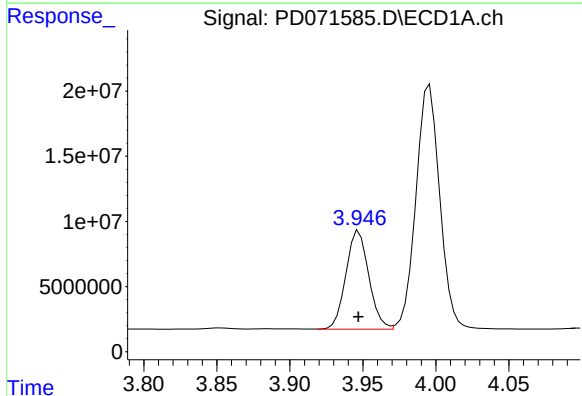
R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 221004579  
Conc: 51.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



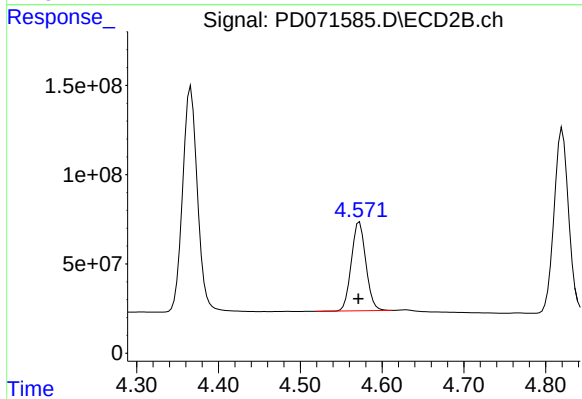
#5 Aldrin

R.T.: 5.286 min  
Delta R.T.: 0.001 min  
Response: 1025169207  
Conc: 48.35 ng/ml



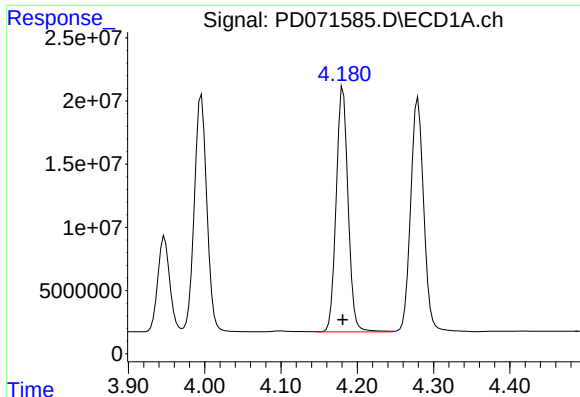
#6 beta-BHC

R.T.: 3.947 min  
Delta R.T.: 0.000 min  
Response: 82339840  
Conc: 51.88 ng/ml



#6 beta-BHC

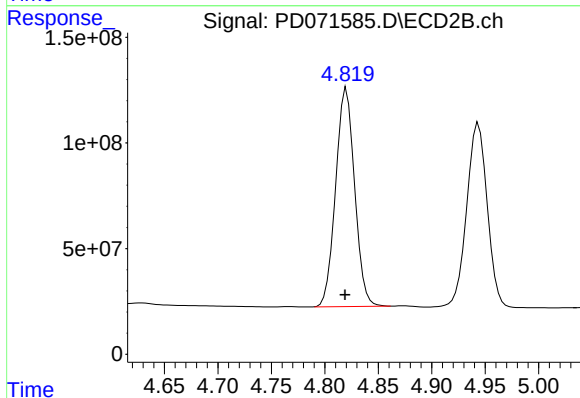
R.T.: 4.572 min  
Delta R.T.: 0.001 min  
Response: 612110720  
Conc: 49.70 ng/ml



#7 delta-BHC

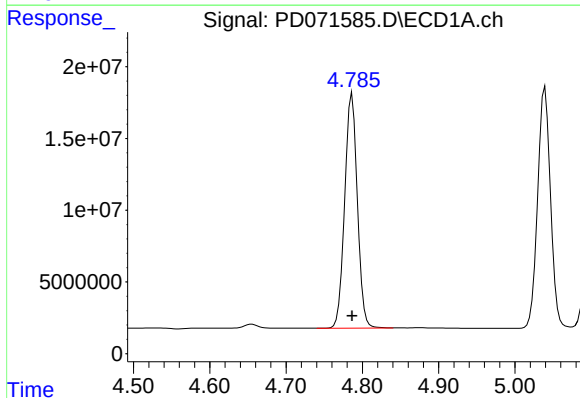
R.T.: 4.181 min  
Delta R.T.: 0.000 min  
Response: 209437053  
Conc: 53.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



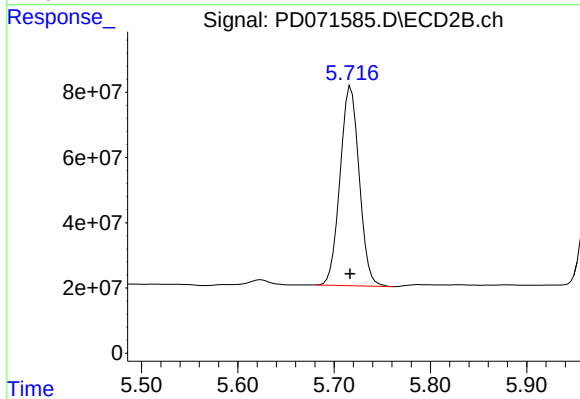
#7 delta-BHC

R.T.: 4.820 min  
Delta R.T.: 0.001 min  
Response: 1279052551  
Conc: 51.00 ng/ml



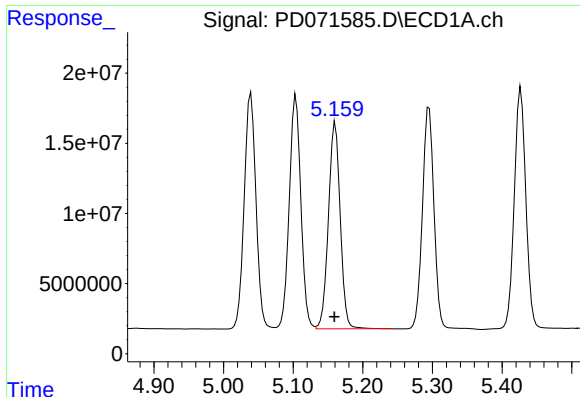
#8 Heptachlor epoxide

R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 189018797  
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

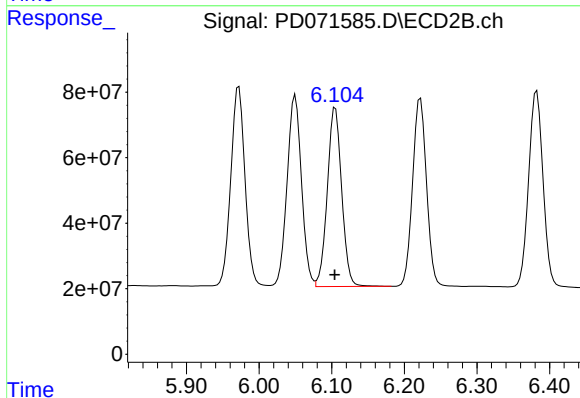
R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 842141804  
Conc: 48.66 ng/ml



#9 Endosulfan I

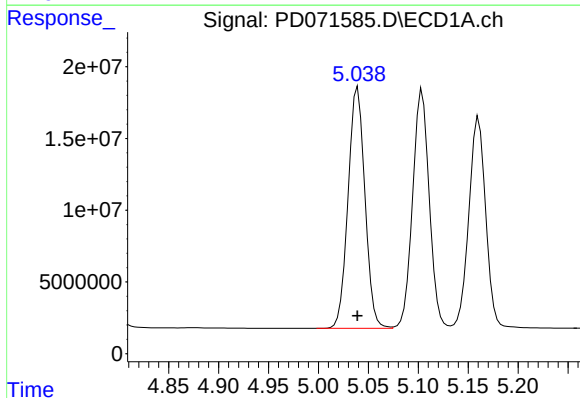
R.T.: 5.161 min  
Delta R.T.: 0.001 min  
Response: 173472275  
Conc: 50.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



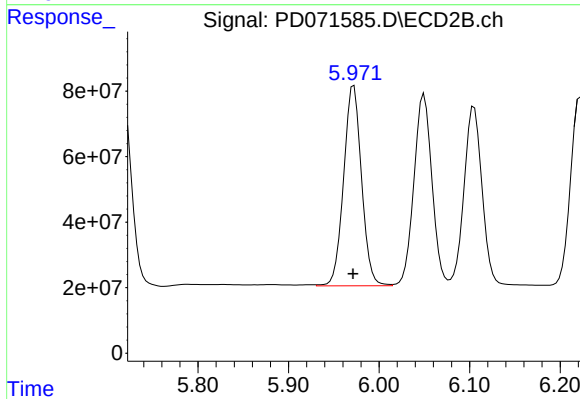
#9 Endosulfan I

R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 754013299  
Conc: 48.47 ng/ml



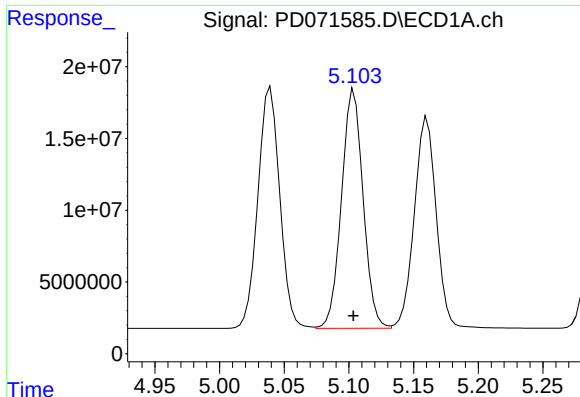
#10 gamma-Chlordane

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 197432764  
Conc: 50.88 ng/ml



#10 gamma-Chlordane

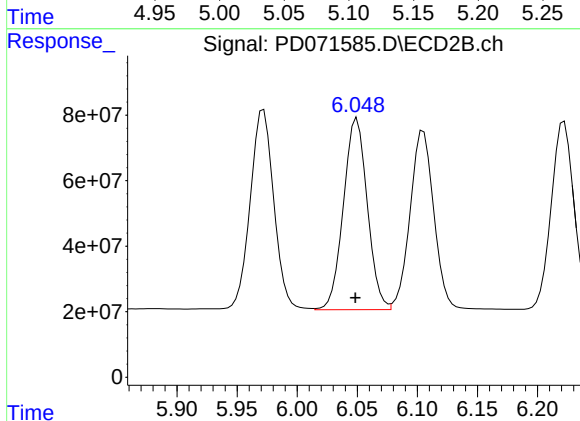
R.T.: 5.972 min  
Delta R.T.: 0.001 min  
Response: 840662656  
Conc: 48.89 ng/ml



#11 alpha-Chlordane

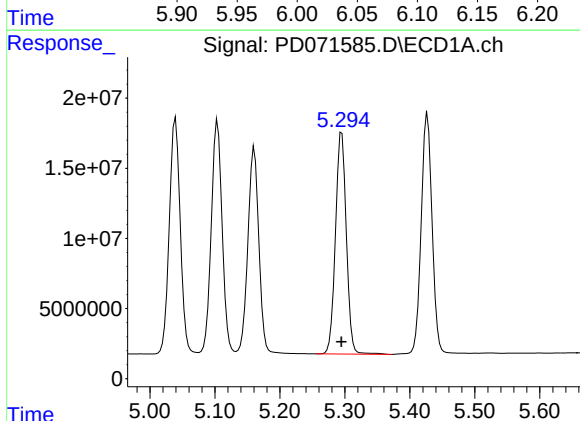
R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 193233381  
Conc: 50.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



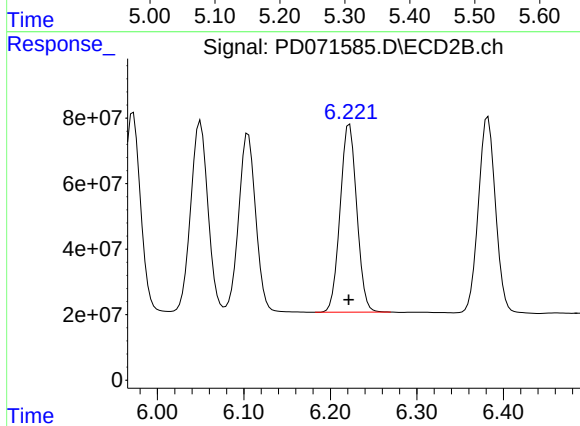
#11 alpha-Chlordane

R.T.: 6.050 min  
Delta R.T.: 0.001 min  
Response: 809905060  
Conc: 48.48 ng/ml



#12 4,4'-DDE

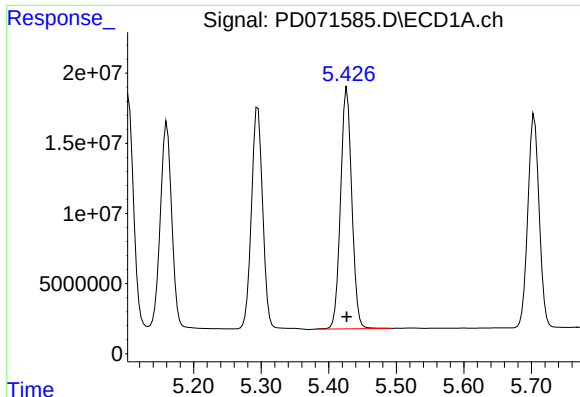
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 183168051  
Conc: 52.82 ng/ml



#12 4,4'-DDE

R.T.: 6.222 min  
Delta R.T.: 0.000 min  
Response: 762985164  
Conc: 48.98 ng/ml

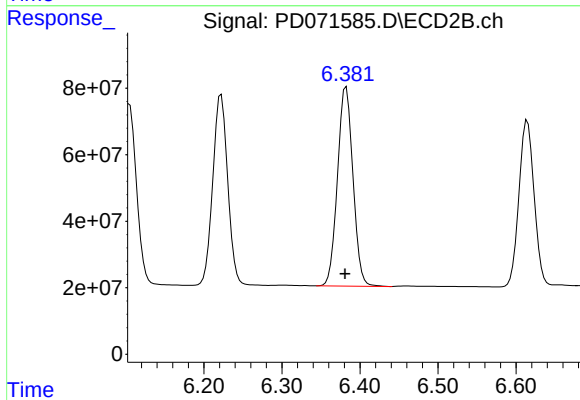




#13 Dieldrin

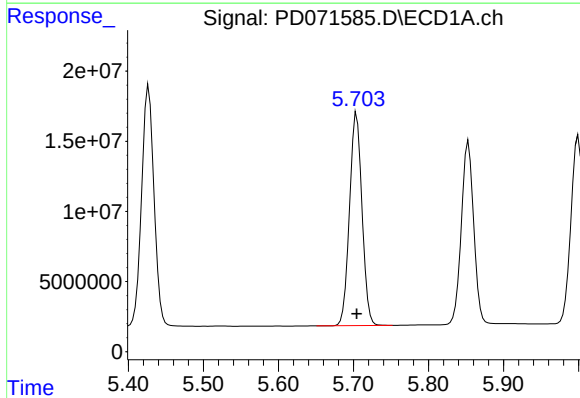
R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 198741443  
Conc: 51.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



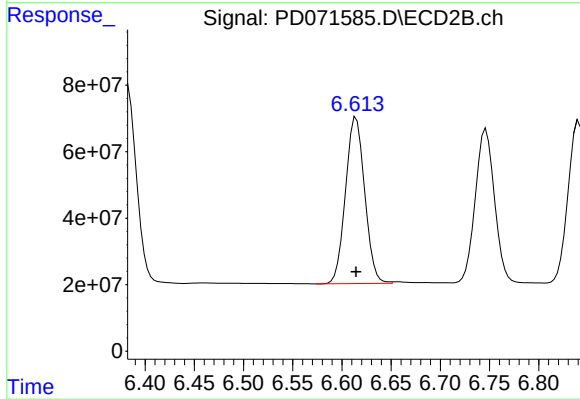
#13 Dieldrin

R.T.: 6.382 min  
Delta R.T.: 0.001 min  
Response: 825657894  
Conc: 48.56 ng/ml



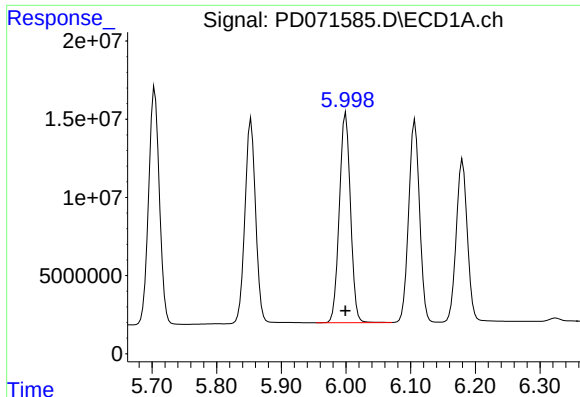
#14 Endrin

R.T.: 5.704 min  
Delta R.T.: 0.000 min  
Response: 175092749  
Conc: 50.80 ng/ml



#14 Endrin

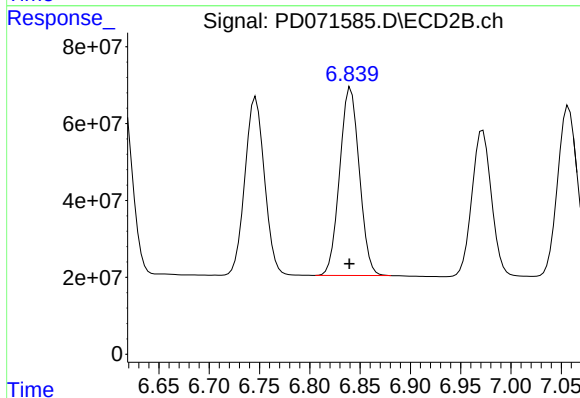
R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 677428920  
Conc: 47.26 ng/ml



#15 Endosulfan II

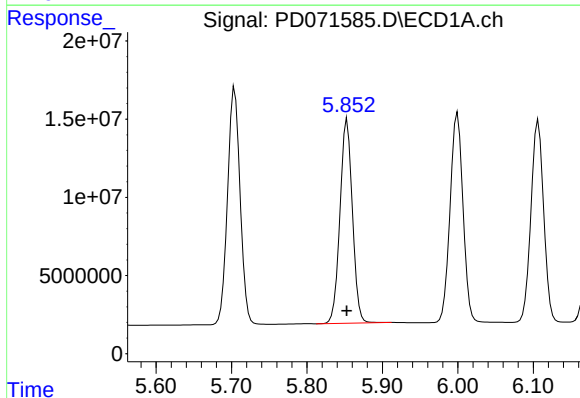
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 160483233  
Conc: 49.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



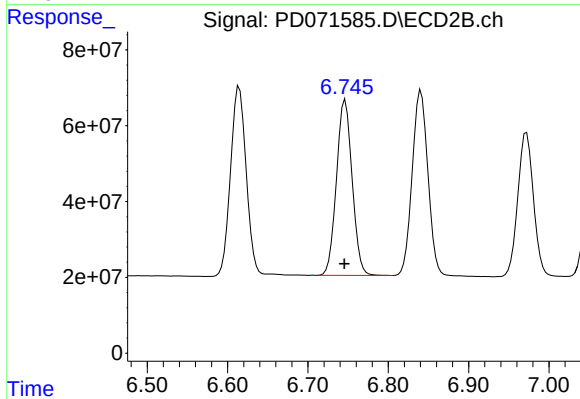
#15 Endosulfan II

R.T.: 6.841 min  
Delta R.T.: 0.001 min  
Response: 662786585  
Conc: 48.19 ng/ml



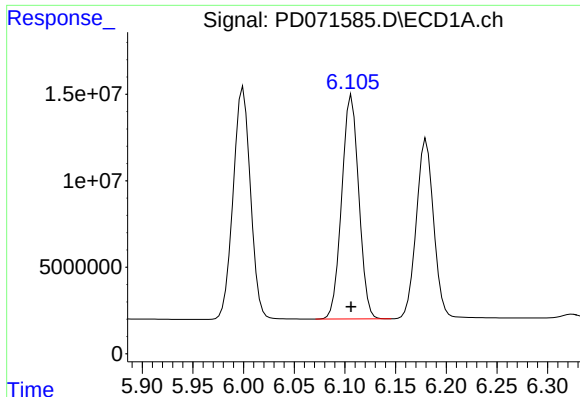
#16 4,4'-DDD

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 149433251  
Conc: 54.48 ng/ml



#16 4,4'-DDD

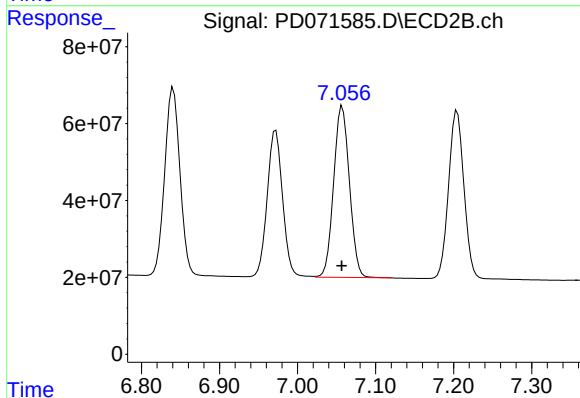
R.T.: 6.747 min  
Delta R.T.: 0.001 min  
Response: 627653583  
Conc: 51.00 ng/ml



#17 4,4'-DDT

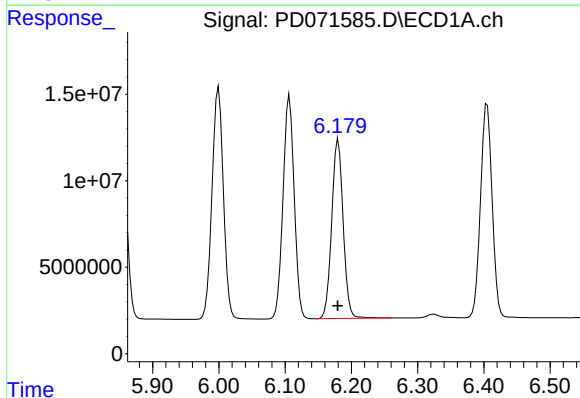
R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 151344029  
Conc: 52.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



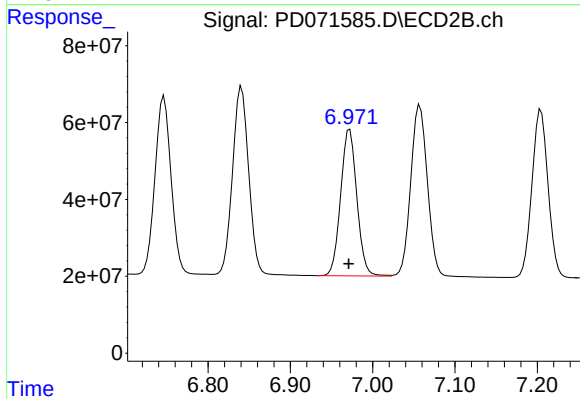
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 627086385  
Conc: 49.05 ng/ml



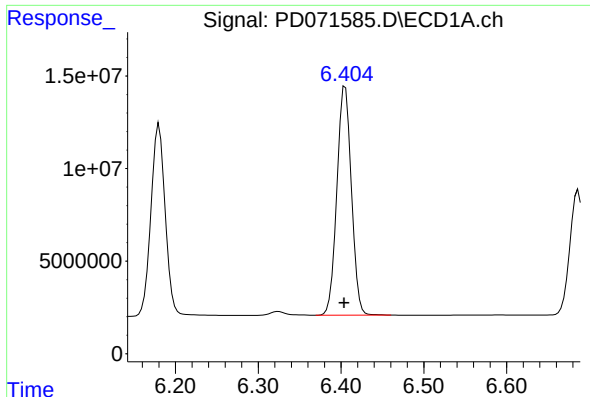
#18 Endrin aldehyde

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 124488992  
Conc: 48.30 ng/ml



#18 Endrin aldehyde

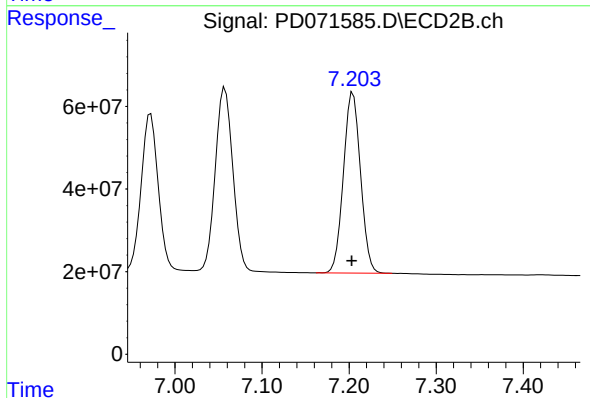
R.T.: 6.972 min  
Delta R.T.: 0.001 min  
Response: 521591965  
Conc: 47.78 ng/ml



#19 Endosulfan Sulfate

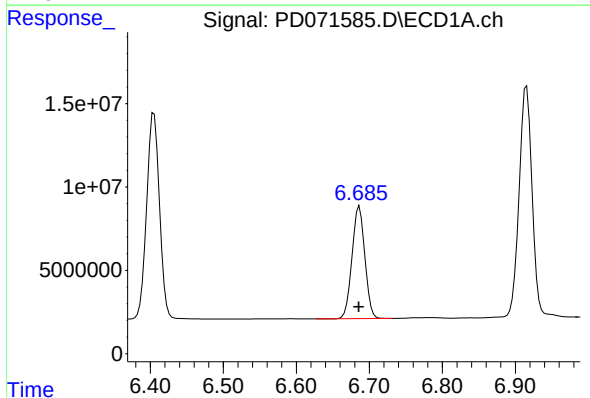
R.T.: 6.405 min  
Delta R.T.: 0.001 min  
Response: 150618111  
Conc: 49.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



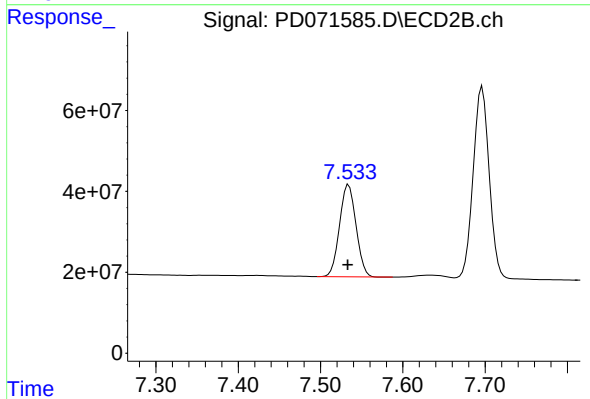
#19 Endosulfan Sulfate

R.T.: 7.204 min  
Delta R.T.: 0.001 min  
Response: 596410727  
Conc: 48.65 ng/ml



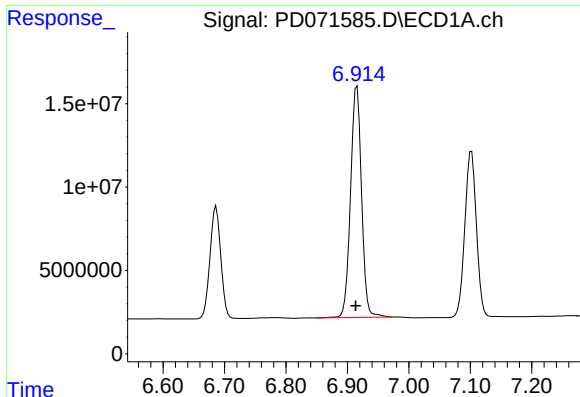
#20 Methoxychlor

R.T.: 6.686 min  
Delta R.T.: 0.000 min  
Response: 82276257  
Conc: 52.15 ng/ml



#20 Methoxychlor

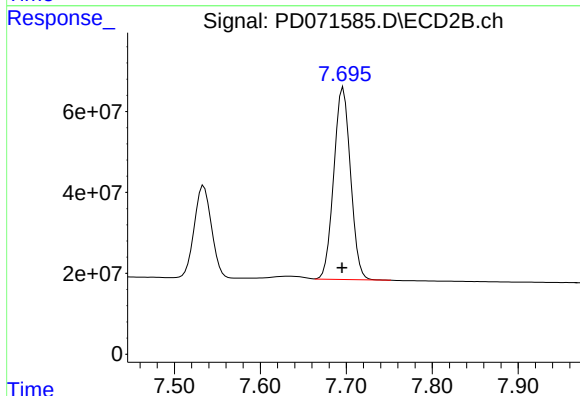
R.T.: 7.534 min  
Delta R.T.: 0.001 min  
Response: 317055006  
Conc: 50.07 ng/ml



#21 Endrin ketone

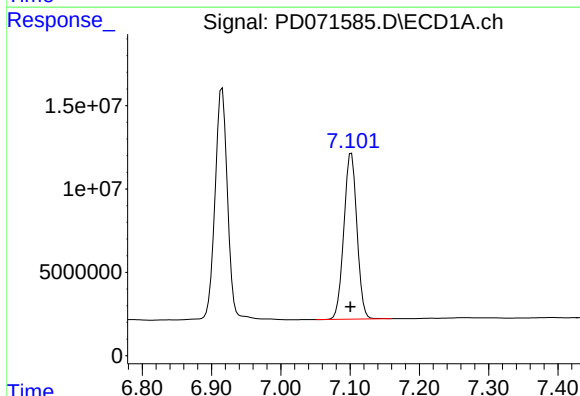
R.T.: 6.915 min  
Delta R.T.: 0.002 min  
Response: 172672607  
Conc: 48.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



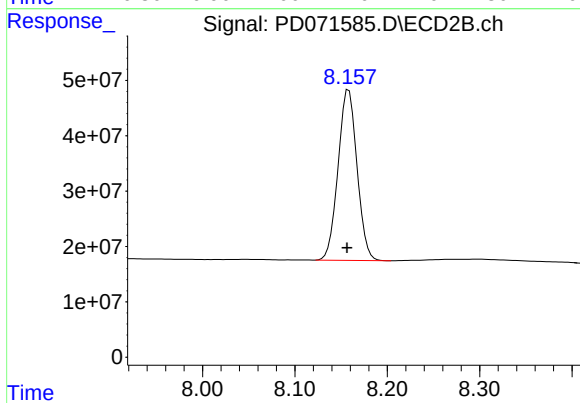
#21 Endrin ketone

R.T.: 7.696 min  
Delta R.T.: 0.001 min  
Response: 641012699  
Conc: 47.82 ng/ml



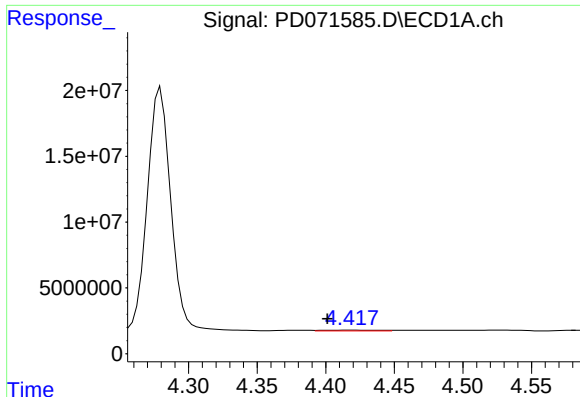
#22 Mirex

R.T.: 7.102 min  
Delta R.T.: 0.002 min  
Response: 130620240  
Conc: 45.30 ng/ml



#22 Mirex

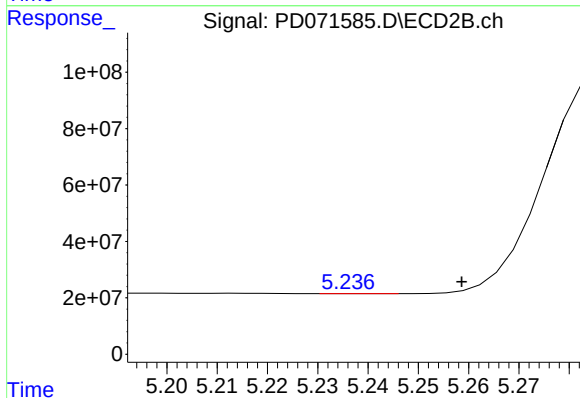
R.T.: 8.158 min  
Delta R.T.: 0.002 min  
Response: 440166140  
Conc: 45.56 ng/ml



#24 Chlordane-2

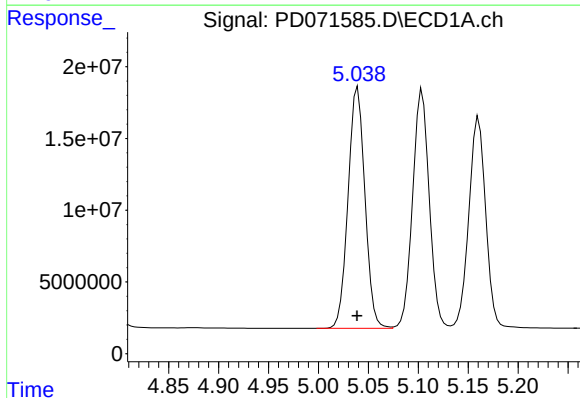
R.T.: 4.419 min  
Delta R.T.: 0.017 min  
Response: 1779432  
Conc: 12.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



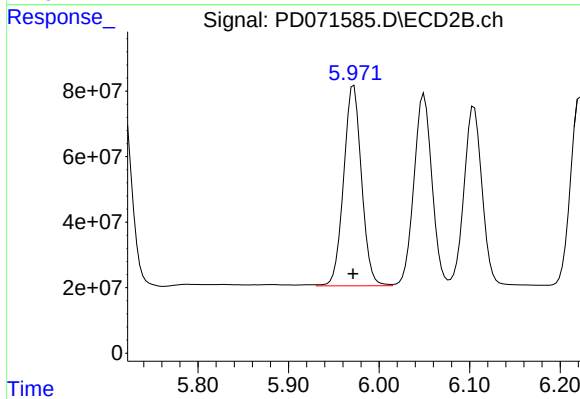
#24 Chlordane-2

R.T.: 5.236 min  
Delta R.T.: -0.023 min  
Response: 108994  
Conc: 0.15 ng/ml



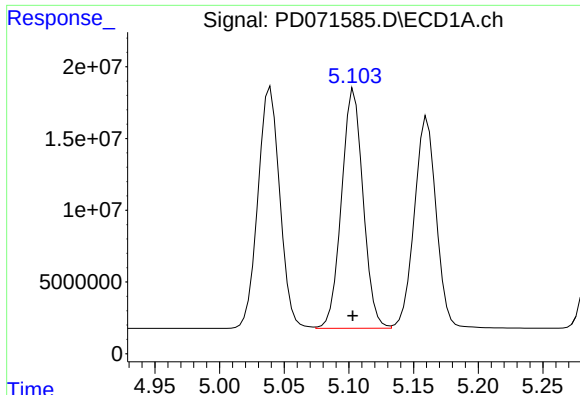
#25 Chlordane-3

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 197432764  
Conc: 491.51 ng/ml



#25 Chlordane-3

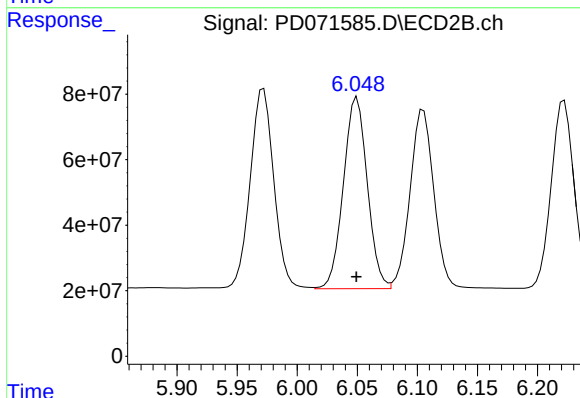
R.T.: 5.972 min  
Delta R.T.: 0.001 min  
Response: 840662656  
Conc: 341.76 ng/ml



#26 Chlordane-4

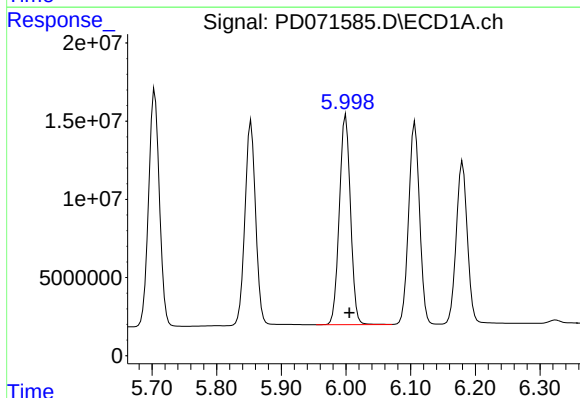
R.T.: 5.104 min  
Delta R.T.: 0.001 min  
Response: 193233381  
Conc: 513.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



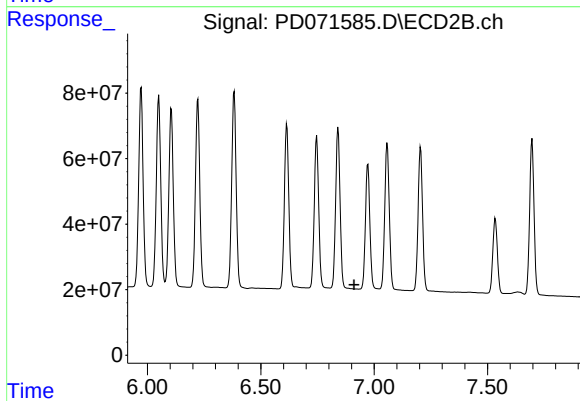
#26 Chlordane-4

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 809905060  
Conc: 279.60 ng/ml



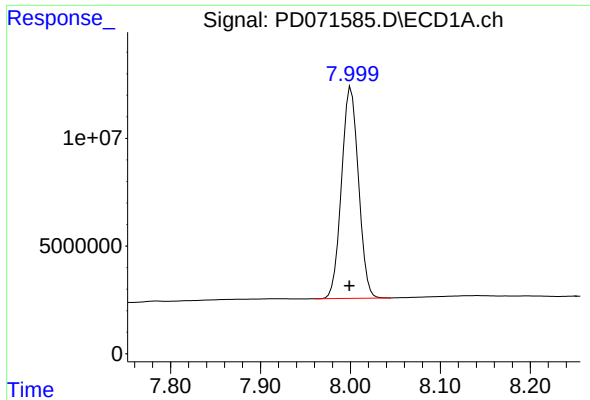
#27 Chlordane-5

R.T.: 6.000 min  
Delta R.T.: -0.006 min  
Response: 160483233  
Conc: 1121.97 ng/ml



#27 Chlordane-5

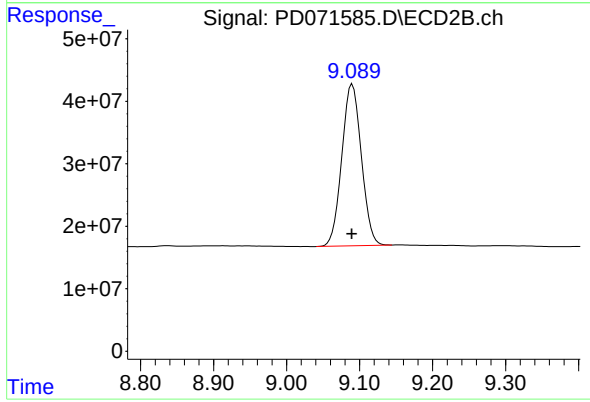
R.T.: 0.000 min  
Exp R.T. : 6.911 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.001 min  
Delta R.T.: 0.002 min  
Response: 128673960  
Conc: 44.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: 0.000 min  
Response: 480823749  
Conc: 47.12 ng/ml