

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080122\  
 Data File : PD071237.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2022 10:03  
 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 01 23:50:53 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... | 2.816  | 3.575  | 43806116 | 462.5E6  | 15.447  | 16.430  |
| 2)                          | SA Decachlor... | 8.018  | 9.107  | 41959841 | 158.9E6  | 15.129  | 15.352  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.326  | 4.041  | 32234657 | 334.0E6  | 7.687   | 8.996   |
| 3)                          | MA gamma-BHC... | 3.660  | 4.377  | 30288857 | 276.1E6  | 7.572   | 9.219   |
| 4)                          | MA Heptachlor   | 0.000  | 4.966  | 0        | 722421   | N.D.    | 0.034 # |
| 5)                          | MB Aldrin       | 0.000  | 5.278f | 0        | 413185   | N.D.    | 0.023 # |
| 6)                          | B beta-BHC      | 3.959  | 4.584  | 14587997 | 110.3E6  | 8.539   | 9.312   |
| 8)                          | B Heptachlo...  | 0.000  | 5.719  | 0        | 4780784  | N.D.    | 0.366 # |
| 10)                         | B gamma-Chl...  | 5.057  | 5.991  | 143266   | 381610   | 0.038   | 0.026 # |
| 11)                         | B alpha-Chl...  | 0.000  | 6.079f | 0        | 3825622  | N.D.    | 0.264 # |
| 12)                         | B 4,4'-DDE      | 5.312  | 6.229  | 295819   | 1908664  | 0.086   | 0.134 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.402  | 0        | 494039   | N.D.    | 0.034 # |
| 14)                         | MA Endrin       | 5.719  | 6.628  | 121.9E6  | 487.0E6  | 38.509  | 38.937  |
| 15)                         | B Endosulfa...  | 6.032f | 6.850  | 1198420  | 6071807  | 0.399   | 0.490   |
| 16)                         | A 4,4'-DDD      | 5.868  | 6.759  | 4849561  | 13041219 | 1.701   | 1.096 # |
| 17)                         | MA 4,4'-DDT     | 6.122  | 7.070  | 247.6E6  | 988.0E6  | 83.877  | 75.749  |
| 18)                         | B Endrin al...  | 6.196  | 6.984  | 4341346  | 14017299 | 1.969   | 1.447 # |
| 19)                         | B Endosulfa...  | 6.406  | 7.243f | 336696   | 456017   | 0.117   | 0.038 # |
| 20)                         | A Methoxychlor  | 6.701  | 7.546  | 315.2E6  | 1227.1E6 | 191.092 | 178.035 |
| 21)                         | B Endrin ke...  | 6.930  | 7.709  | 8954119  | 34432628 | 2.749   | 2.565   |
| 22)                         | Mirex           | 7.127  | 8.176  | 18832    | 447913   | 0.008   | 0.052 # |
| 24)                         | Chlordane-2     | 0.000  | 5.278  | 0        | 413185   | N.D.    | 0.690 # |
| 25)                         | Chlordane-3     | 5.057  | 5.991  | 143266   | 381610   | 0.420   | 0.206 # |
| 26)                         | Chlordane-4     | 0.000  | 6.079f | 0        | 3825622  | N.D.    | 1.755 # |
| 27)                         | Chlordane-5     | 6.032  | 6.940f | 1198420  | -101943  | 9.912   | N.D. #  |
| -----                       |                 |        |        |          |          |         |         |

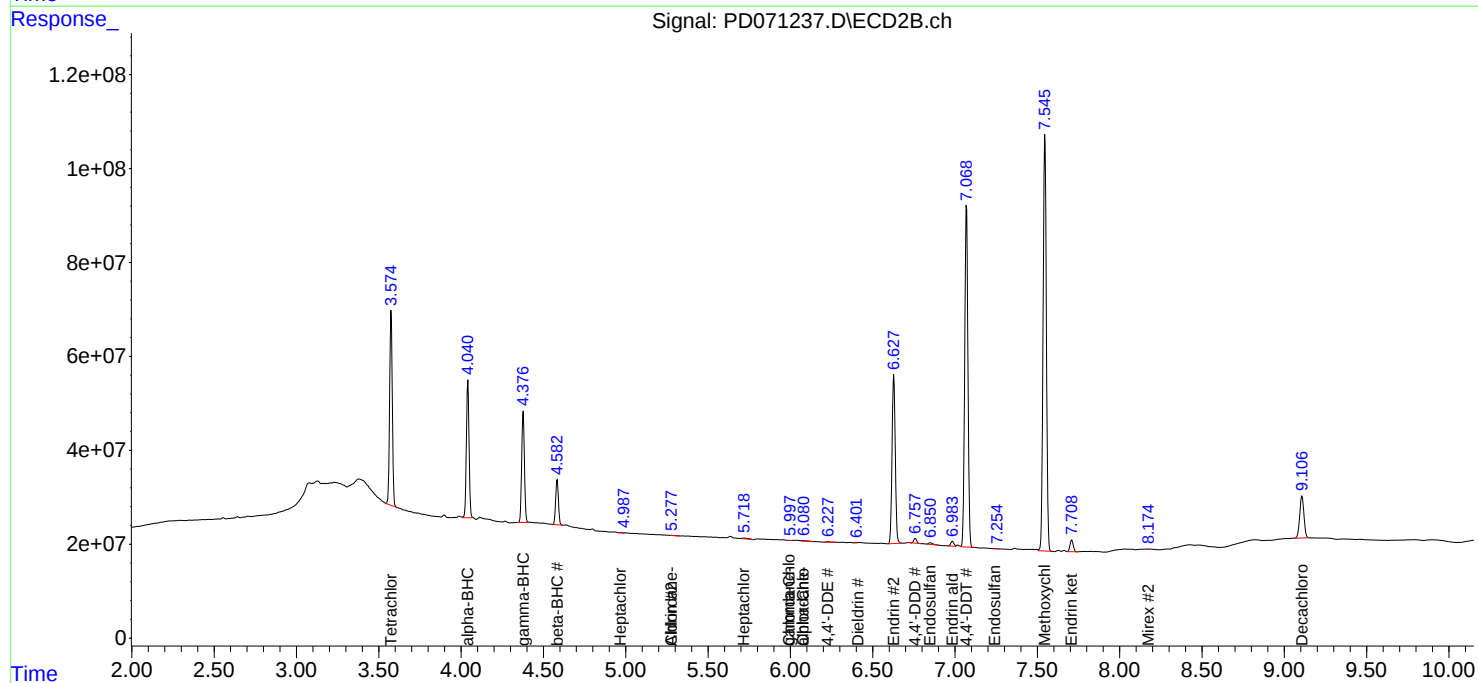
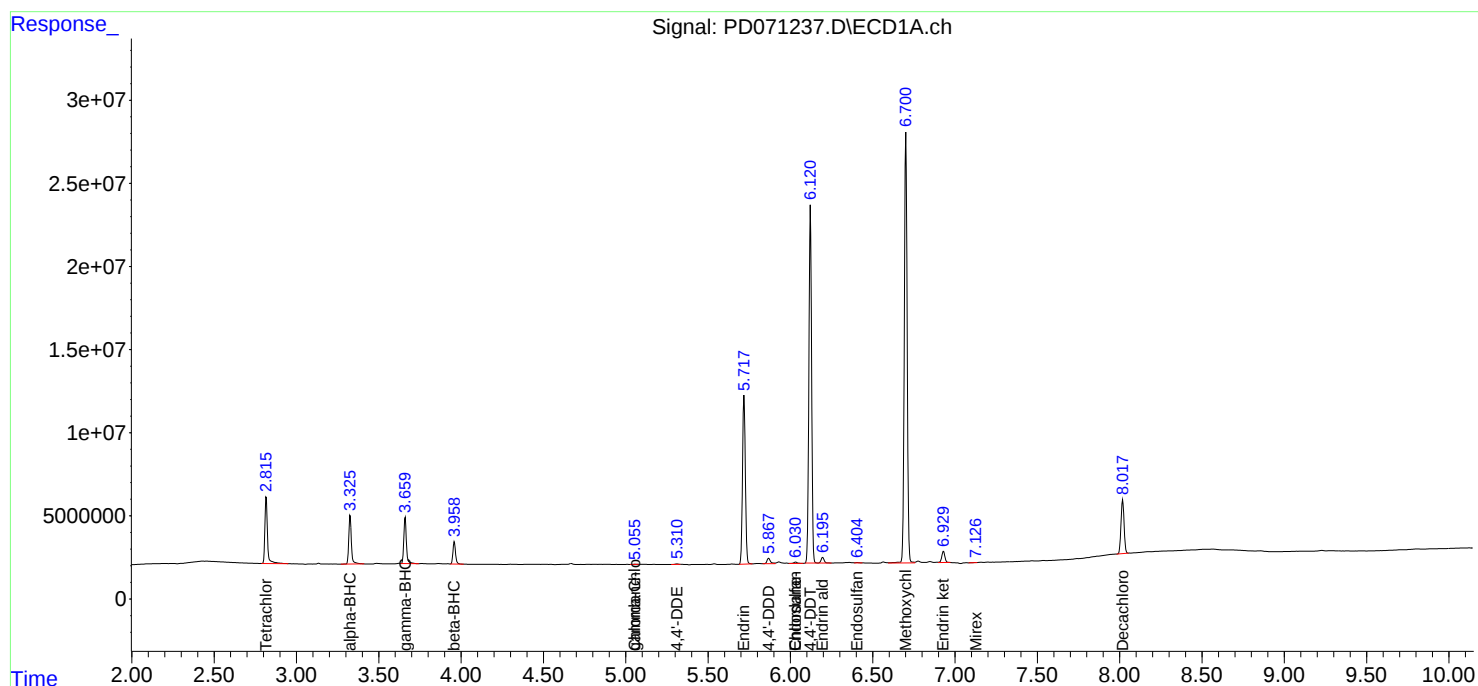
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

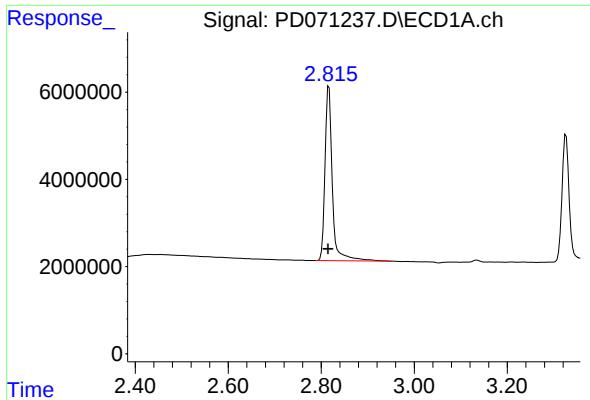
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080122\  
Data File : PD071237.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2022 10:03  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 23:50:53 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

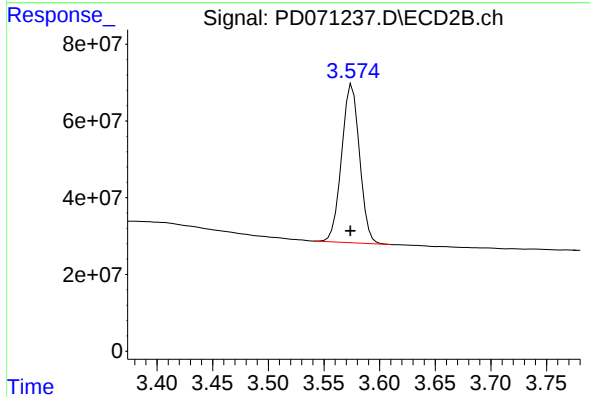




#1 Tetrachloro-m-xylene

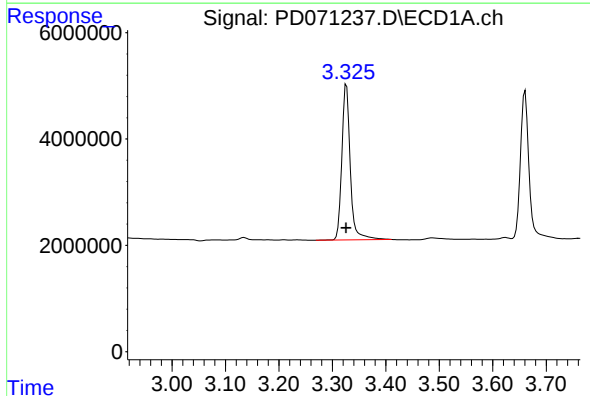
R.T.: 2.816 min  
Delta R.T.: 0.001 min  
Response: 43806116  
Conc: 15.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



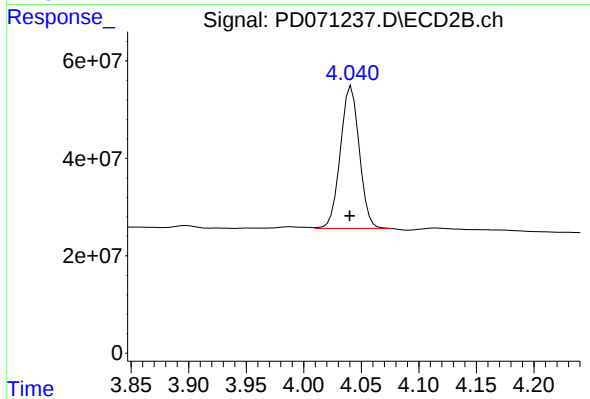
#1 Tetrachloro-m-xylene

R.T.: 3.575 min  
Delta R.T.: 0.001 min  
Response: 462511772  
Conc: 16.43 ng/ml



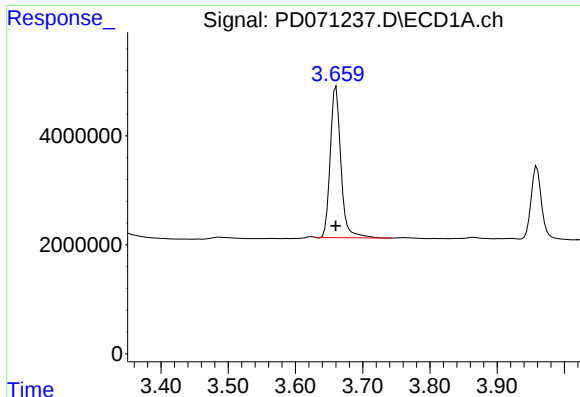
#2 alpha-BHC

R.T.: 3.326 min  
Delta R.T.: 0.000 min  
Response: 32234657  
Conc: 7.69 ng/ml



#2 alpha-BHC

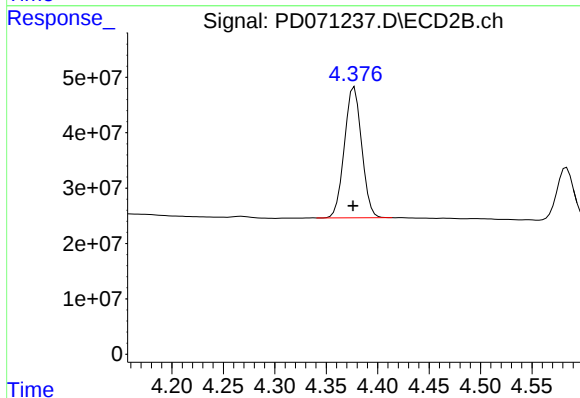
R.T.: 4.041 min  
Delta R.T.: 0.001 min  
Response: 333981046  
Conc: 9.00 ng/ml



#3 gamma-BHC (Lindane)

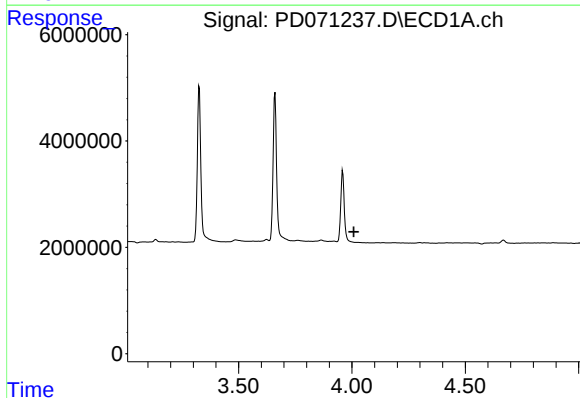
R.T.: 3.660 min  
Delta R.T.: 0.000 min  
Response: 30288857  
Conc: 7.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



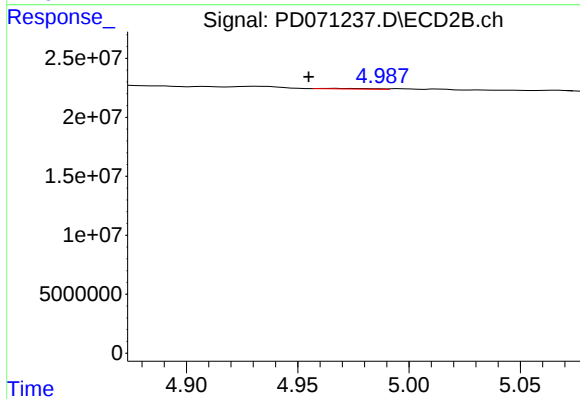
#3 gamma-BHC (Lindane)

R.T.: 4.377 min  
Delta R.T.: 0.001 min  
Response: 276051064  
Conc: 9.22 ng/ml



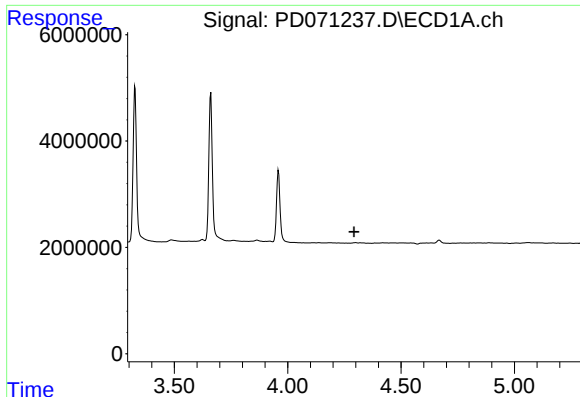
#4 Heptachlor

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



#4 Heptachlor

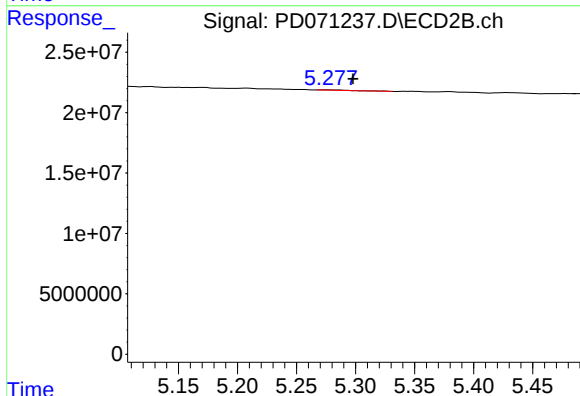
R.T.: 4.966 min  
Delta R.T.: 0.011 min  
Response: 722421  
Conc: 0.03 ng/ml



#5 Aldrin

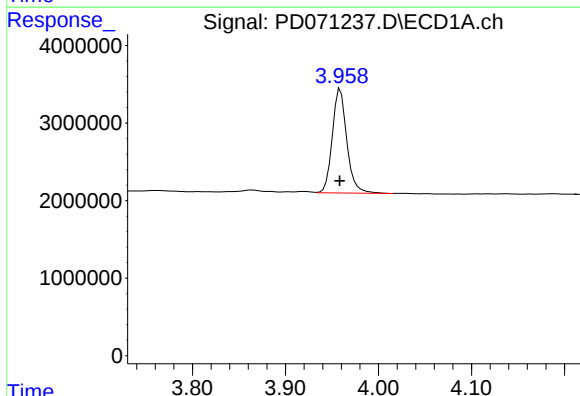
R.T.: 0.000 min  
Exp R.T.: 4.292 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



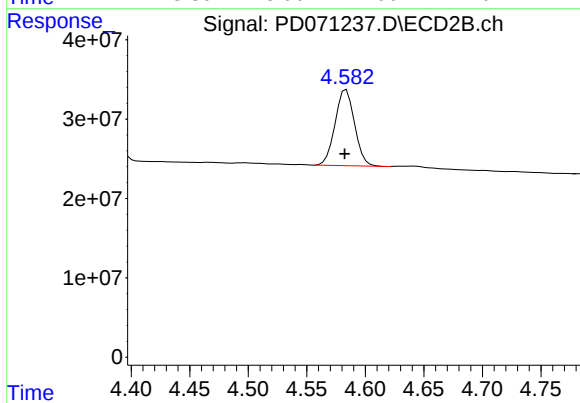
#5 Aldrin

R.T.: 5.278 min  
Delta R.T.: -0.020 min  
Response: 413185  
Conc: 0.02 ng/ml



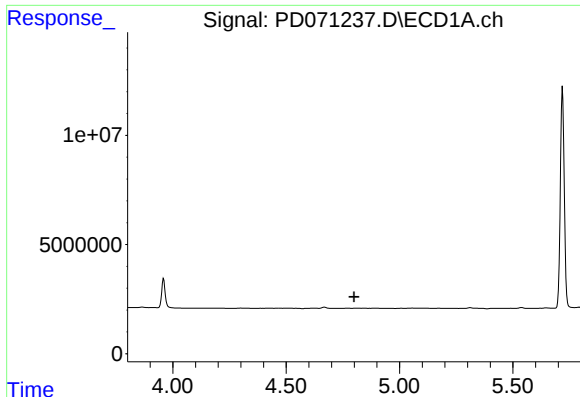
#6 beta-BHC

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 14587997  
Conc: 8.54 ng/ml



#6 beta-BHC

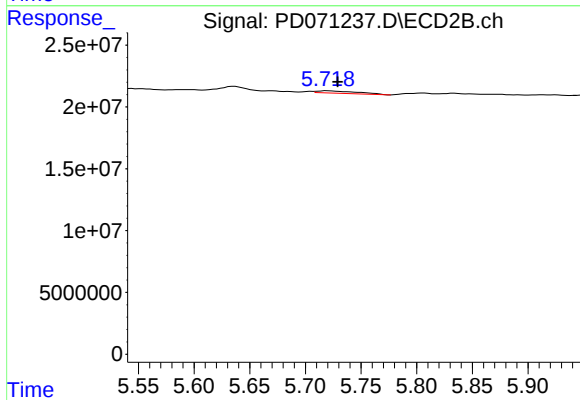
R.T.: 4.584 min  
Delta R.T.: 0.001 min  
Response: 110297257  
Conc: 9.31 ng/ml



#8 Heptachlor epoxide

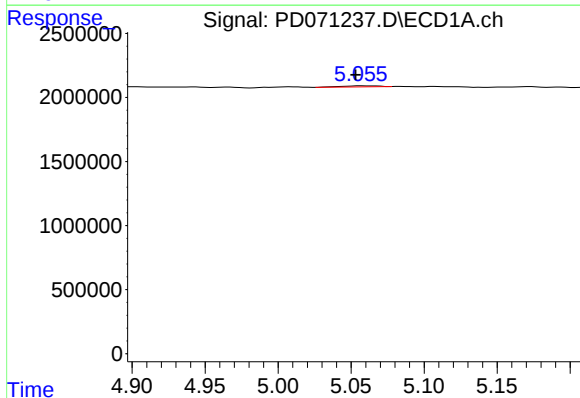
R.T.: 0.000 min  
Exp R.T.: 4.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



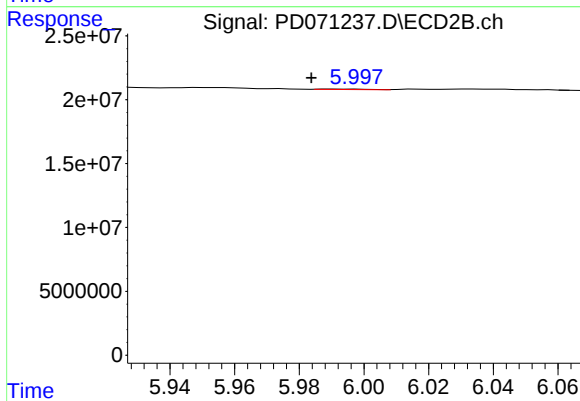
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: -0.010 min  
Response: 4780784  
Conc: 0.37 ng/ml



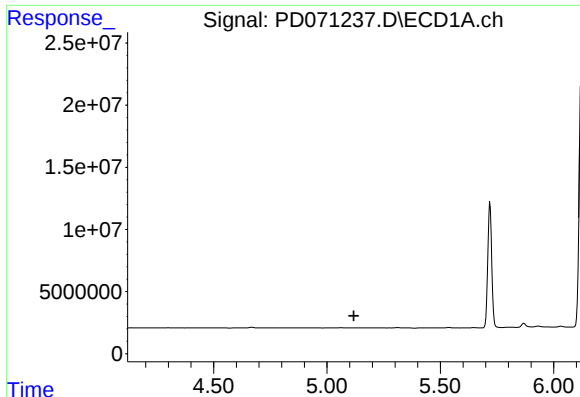
#10 gamma-Chlordane

R.T.: 5.057 min  
Delta R.T.: 0.003 min  
Response: 143266  
Conc: 0.04 ng/ml



#10 gamma-Chlordane

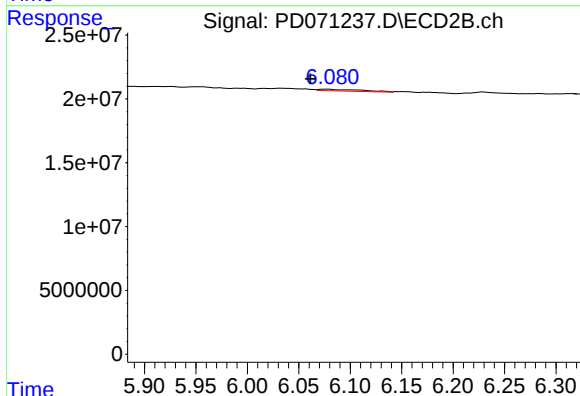
R.T.: 5.991 min  
Delta R.T.: 0.007 min  
Response: 381610  
Conc: 0.03 ng/ml



#11 alpha-Chlordane

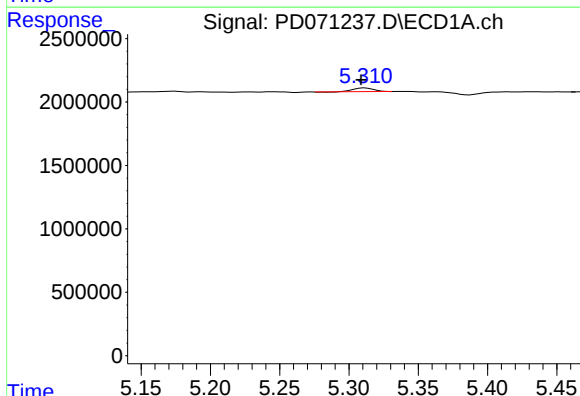
R.T.: 0.000 min  
Exp R.T.: 5.118 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



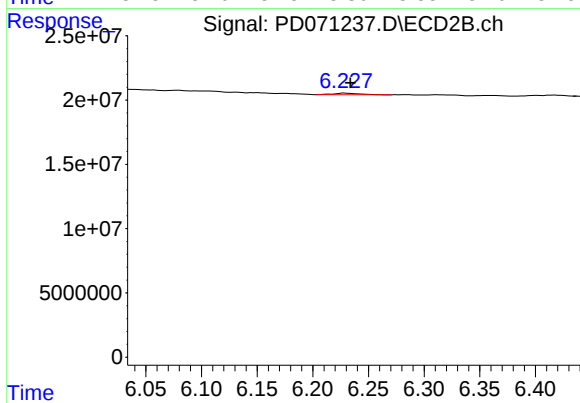
#11 alpha-Chlordane

R.T.: 6.079 min  
Delta R.T.: 0.018 min  
Response: 3825622  
Conc: 0.26 ng/ml



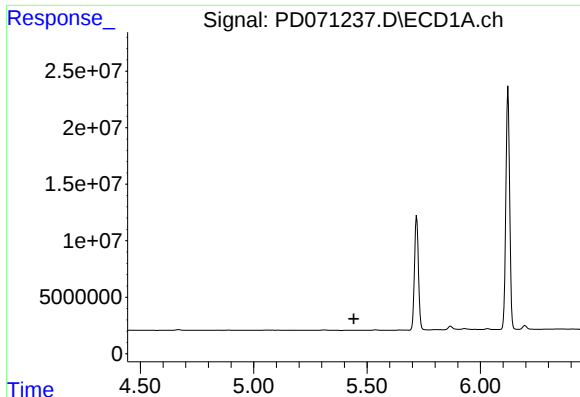
#12 4,4'-DDE

R.T.: 5.312 min  
Delta R.T.: 0.003 min  
Response: 295819  
Conc: 0.09 ng/ml



#12 4,4'-DDE

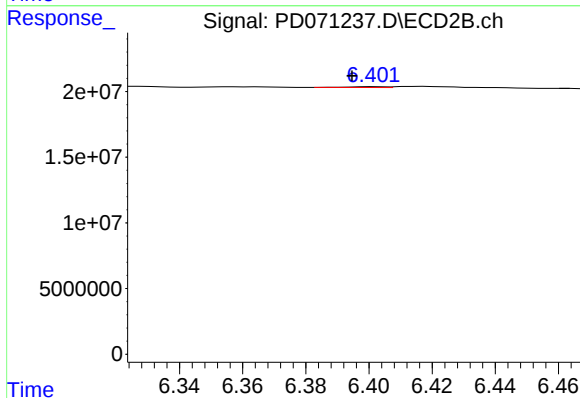
R.T.: 6.229 min  
Delta R.T.: -0.005 min  
Response: 1908664  
Conc: 0.13 ng/ml



#13 Dieldrin

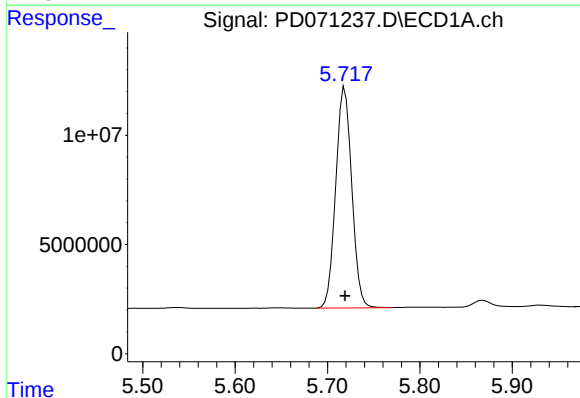
R.T.: 0.000 min  
Exp R.T.: 5.441 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



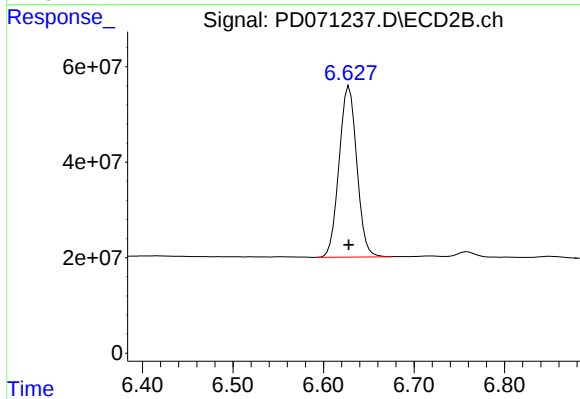
#13 Dieldrin

R.T.: 6.402 min  
Delta R.T.: 0.008 min  
Response: 494039  
Conc: 0.03 ng/ml



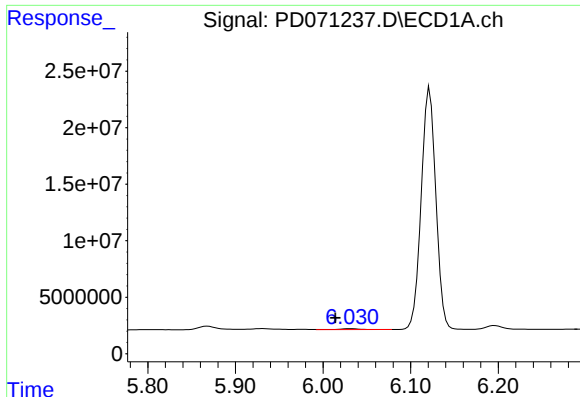
#14 Endrin

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 121924447  
Conc: 38.51 ng/ml



#14 Endrin

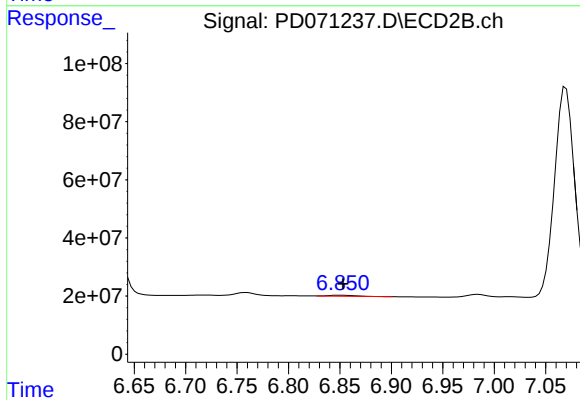
R.T.: 6.628 min  
Delta R.T.: 0.000 min  
Response: 487048789  
Conc: 38.94 ng/ml



#15 Endosulfan II

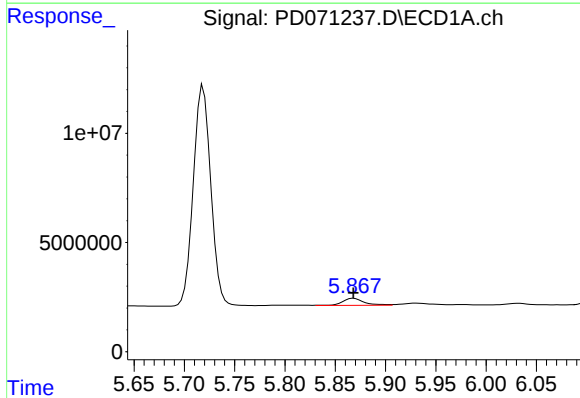
R.T.: 6.032 min  
Delta R.T.: 0.018 min  
Response: 1198420  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



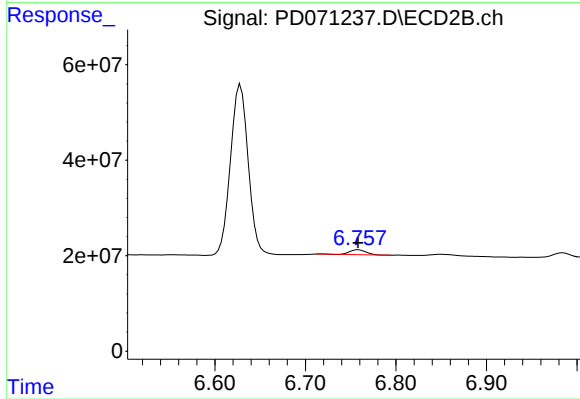
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 6071807  
Conc: 0.49 ng/ml



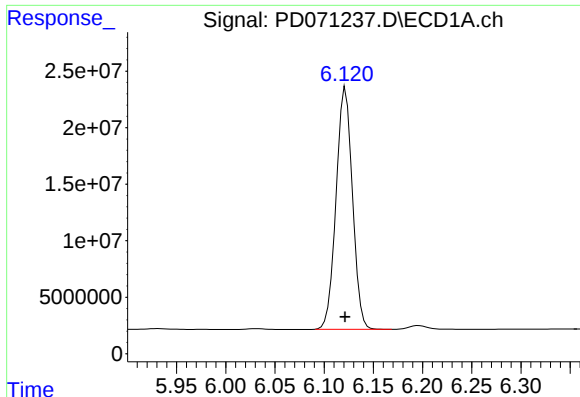
#16 4,4'-DDD

R.T.: 5.868 min  
Delta R.T.: 0.000 min  
Response: 4849561  
Conc: 1.70 ng/ml



#16 4,4'-DDD

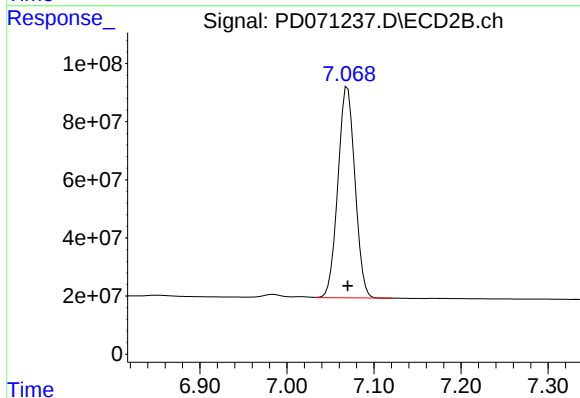
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 13041219  
Conc: 1.10 ng/ml



#17 4,4'-DDT

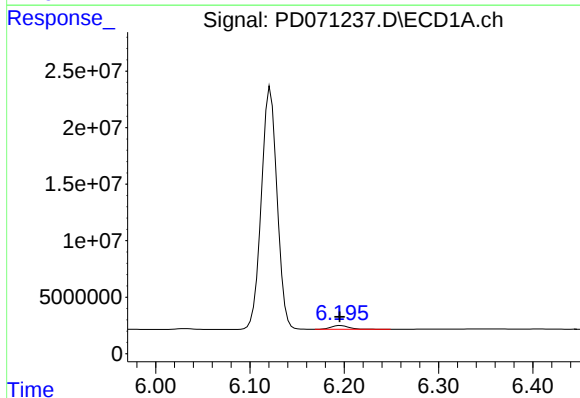
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 247583255  
Conc: 83.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



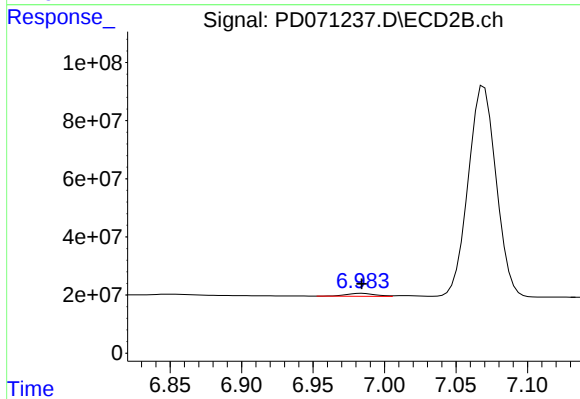
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 987999416  
Conc: 75.75 ng/ml



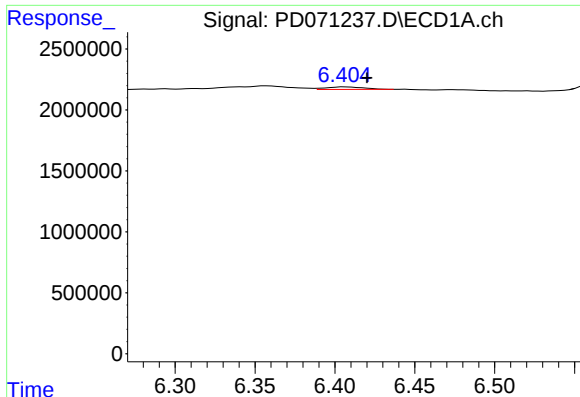
#18 Endrin aldehyde

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 4341346  
Conc: 1.97 ng/ml



#18 Endrin aldehyde

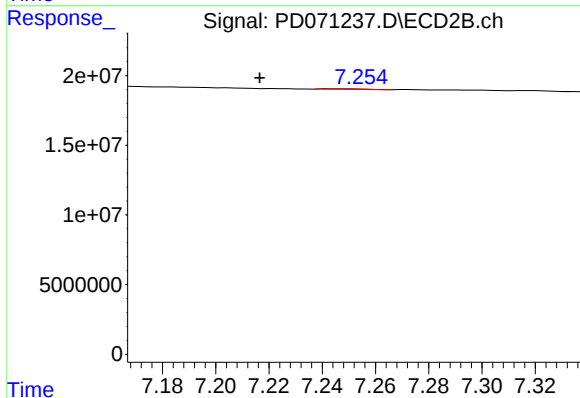
R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 14017299  
Conc: 1.45 ng/ml



#19 Endosulfan Sulfate

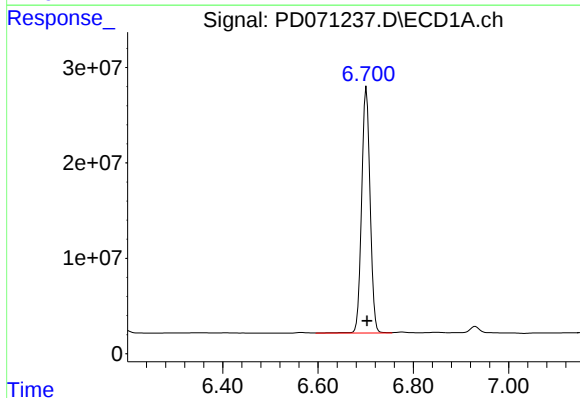
R.T.: 6.406 min  
Delta R.T.: -0.014 min  
Response: 336696  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



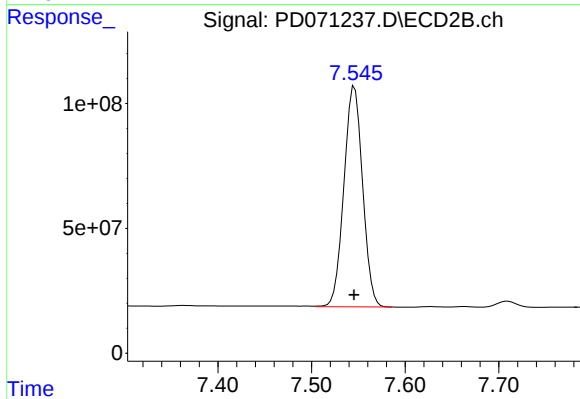
#19 Endosulfan Sulfate

R.T.: 7.243 min  
Delta R.T.: 0.027 min  
Response: 456017  
Conc: 0.04 ng/ml



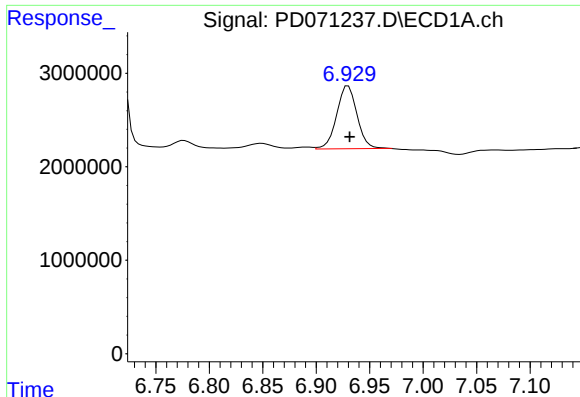
#20 Methoxychlor

R.T.: 6.701 min  
Delta R.T.: -0.002 min  
Response: 315209173  
Conc: 191.09 ng/ml



#20 Methoxychlor

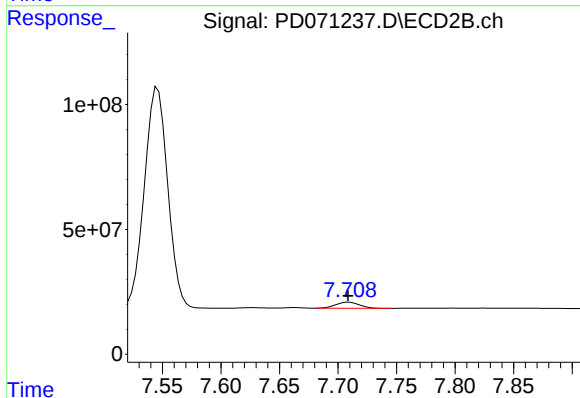
R.T.: 7.546 min  
Delta R.T.: 0.000 min  
Response: 1227145174  
Conc: 178.03 ng/ml



#21 Endrin ketone

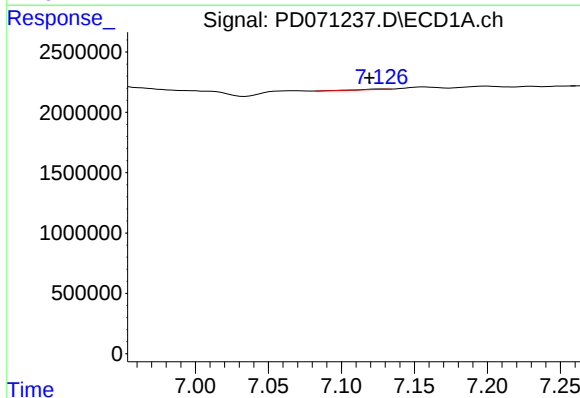
R.T.: 6.930 min  
Delta R.T.: -0.002 min  
Response: 8954119  
Conc: 2.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



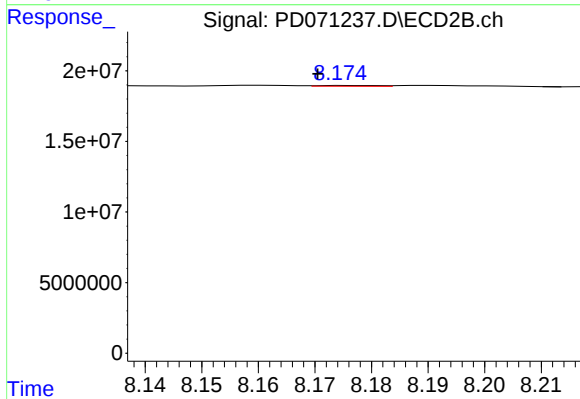
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 34432628  
Conc: 2.56 ng/ml



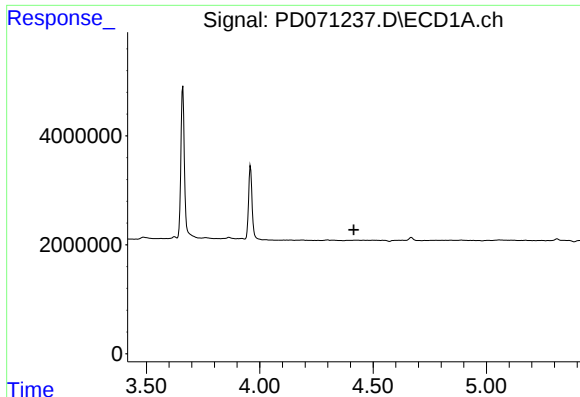
#22 Mirex

R.T.: 7.127 min  
Delta R.T.: 0.008 min  
Response: 18832  
Conc: 0.01 ng/ml



#22 Mirex

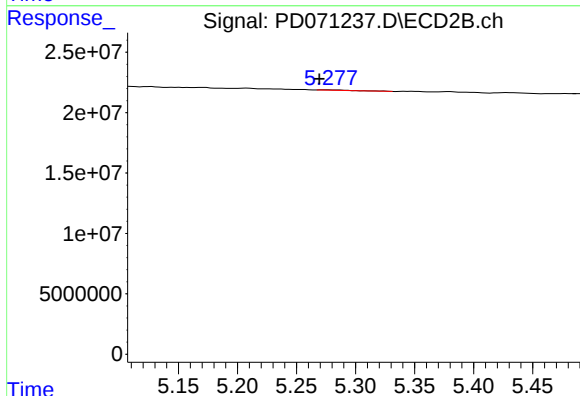
R.T.: 8.176 min  
Delta R.T.: 0.005 min  
Response: 447913  
Conc: 0.05 ng/ml



#24 Chlordane-2

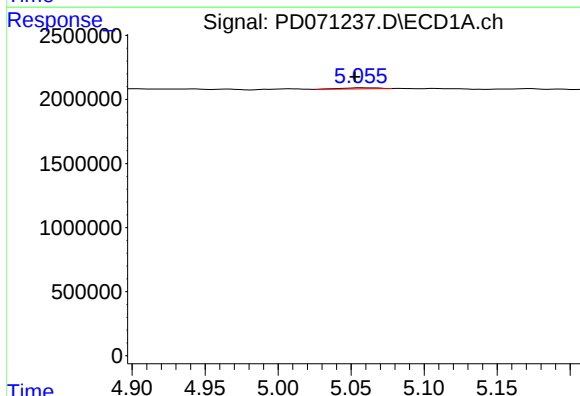
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



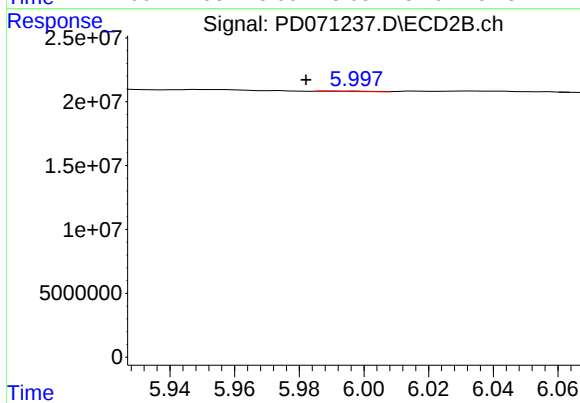
#24 Chlordane-2

R.T.: 5.278 min  
Delta R.T.: 0.008 min  
Response: 413185  
Conc: 0.69 ng/ml



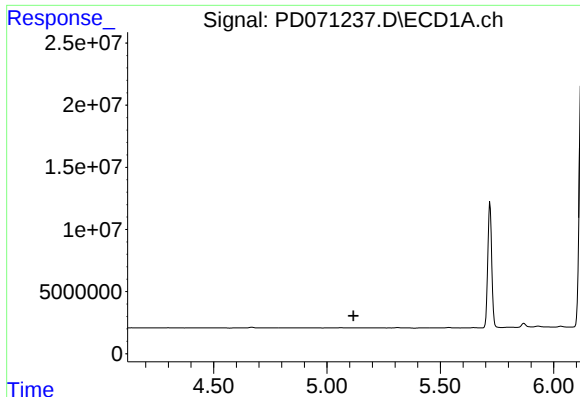
#25 Chlordane-3

R.T.: 5.057 min  
Delta R.T.: 0.004 min  
Response: 143266  
Conc: 0.42 ng/ml



#25 Chlordane-3

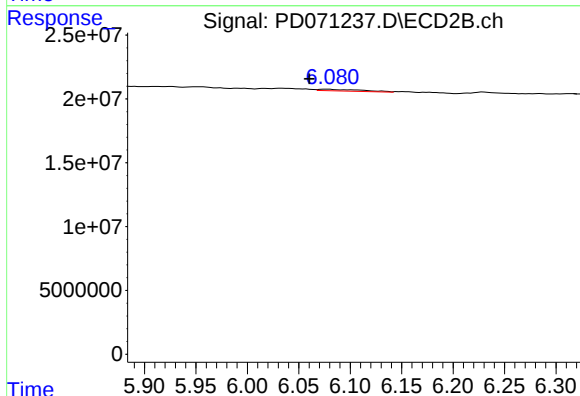
R.T.: 5.991 min  
Delta R.T.: 0.009 min  
Response: 381610  
Conc: 0.21 ng/ml



#26 Chlordane-4

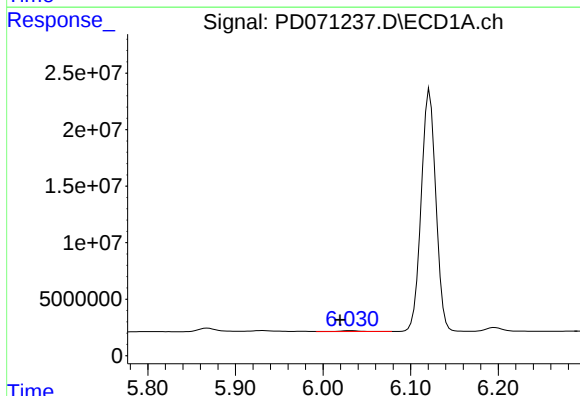
R.T.: 0.000 min  
Exp R.T.: 5.117 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



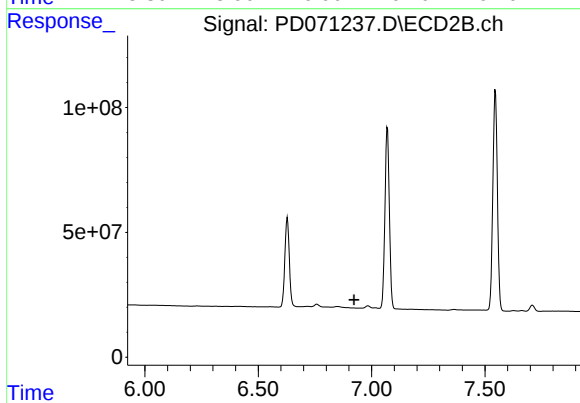
#26 Chlordane-4

R.T.: 6.079 min  
Delta R.T.: 0.018 min  
Response: 3825622  
Conc: 1.76 ng/ml



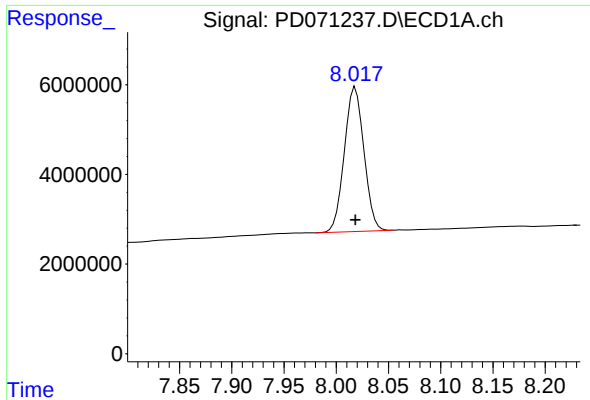
#27 Chlordane-5

R.T.: 6.032 min  
Delta R.T.: 0.012 min  
Response: 1198420  
Conc: 9.91 ng/ml



#27 Chlordane-5

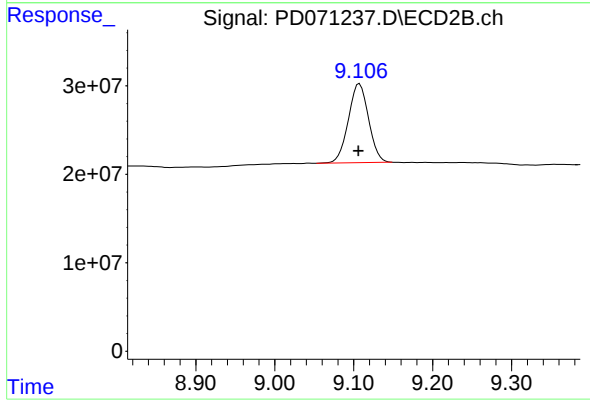
R.T.: 6.940 min  
Delta R.T.: 0.017 min  
Response: -101943  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.018 min  
Delta R.T.: 0.000 min  
Response: 41959841  
Conc: 15.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.107 min  
Delta R.T.: 0.001 min  
Response: 158933979  
Conc: 15.35 ng/ml