

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081822\  
 Data File : PD071630.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2022 11:41  
 Operator : AR\AJ  
 Sample : N4210-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 01:59:26 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 11 04:21:34 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

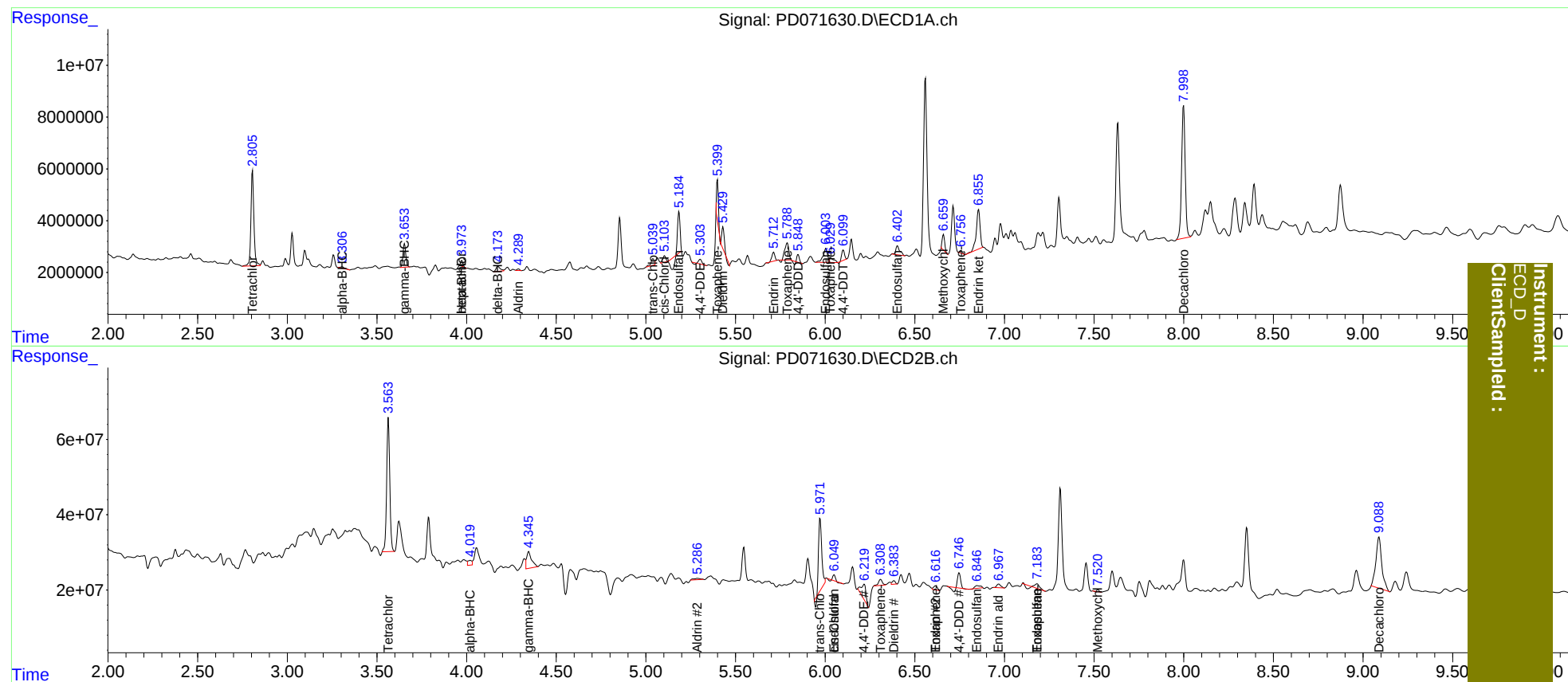
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 2.806  | 3.564  | 42779462 | 429.6E6  | 14.997  | 13.106    |
| 27)                         | SA Decachlor... | 7.999  | 9.089  | 71642413 | 310.4E6  | 25.517  | 32.382 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.306  | 4.020  | 1006772  | 18968112 | 0.245   | 0.449 #   |
| 3)                          | MA gamma-BHC... | 3.654  | 4.347  | 10036910 | 86456274 | 2.550   | 2.460     |
| 4)                          | MA Heptachlor   | 3.974  | 4.982f | 2032107  | -8819612 | 0.500   | N.D. #    |
| 5)                          | MB Aldrin       | 4.290  | 5.288  | 667328   | 10023275 | 0.161   | 0.448 #   |
| 8)                          | B Heptachlo...  | 4.789  | 5.747  | 70903    | 209550   | <MDL    | <MDL #    |
| 9)                          | A Endosulfan I  | 5.185  | 6.050f | 9449656  | 9873677  | 2.776   | 0.612 #   |
| 10)                         | B trans-Chl...  | 5.040  | 5.972  | 3235871  | 225.0E6  | 0.813   | 12.308 #  |
| 11)                         | B cis-Chlor...  | 5.104  | 6.050  | 3146900  | 9873677  | 0.808   | 0.553 #   |
| 12)                         | B 4,4'-DDE      | 5.303  | 6.218  | 1924934  | 73763690 | 0.542   | 4.687 #   |
| 13)                         | MA Dieldrin     | 5.430  | 6.384  | 5987305  | 11447779 | 1.579   | 0.691 #   |
| 14)                         | MA Endrin       | 5.713  | 6.616  | 3809863  | 16083543 | 1.162   | 1.267     |
| 15)                         | B Endosulfa...  | 6.004  | 6.848  | 9265787  | 16034561 | 2.971   | 1.226 #   |
| 16)                         | A 4,4'-DDD      | 5.849  | 6.748  | 2114931  | 32866840 | 0.777   | 2.699 #   |
| 17)                         | MA 4,4'-DDT     | 6.101  | 7.072  | 4181969  | -4805791 | 1.480   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.403  | 7.182  | 5395603  | 10879554 | 1.754   | 0.888 #   |
| 20)                         | A Methoxychlor  | 6.660  | 7.522  | 5885355  | 4738412  | 4.076   | 0.901 #   |
| 21)                         | B Endrin ke...  | 6.856f | 7.649f | 22590061 | -9456133 | 6.610   | N.D. #    |
| 22)                         | Toxaphene-1     | 5.399  | 6.310f | 11231055 | 24598354 | 615.149 | 202.113 # |
| 23)                         | Toxaphene-2     | 5.789f | 6.616f | 9909829  | 16083543 | 489.049 | 179.438 # |
| 24)                         | Toxaphene-3     | 6.030  | 7.072  | 3166321  | -4805791 | 137.704 | N.D. #    |
| 25)                         | Toxaphene-4     | 6.758f | 7.182  | 1134564  | 10879554 | 12.075  | 40.320 #  |
| -----                       |                 |        |        |          |          |         |           |

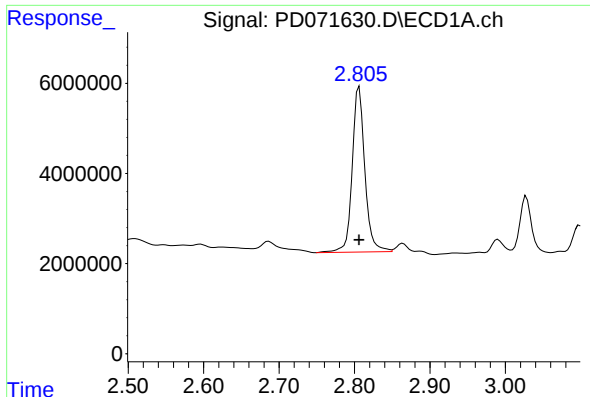
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081822\  
Data File : PD071630.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2022 11:41  
Operator : AR\AJ  
Sample : N4210-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 01:59:26 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 11 04:21:34 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

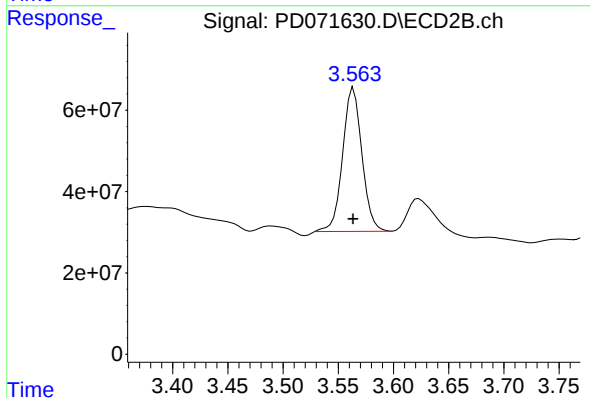




#1 Tetrachloro-m-xylene

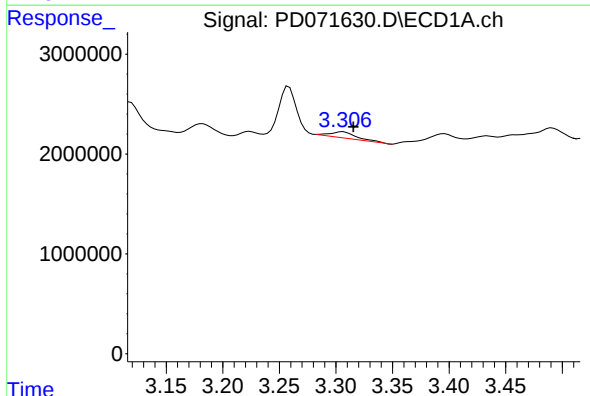
R.T.: 2.806 min  
Delta R.T.: 0.000 min  
Response: 42779462  
Conc: 15.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



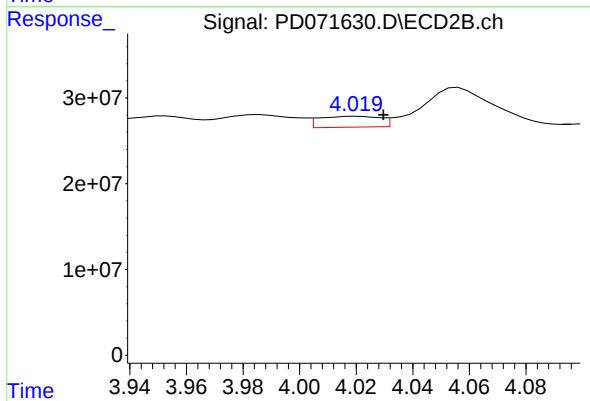
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: 0.000 min  
Response: 429582130  
Conc: 13.11 ng/ml



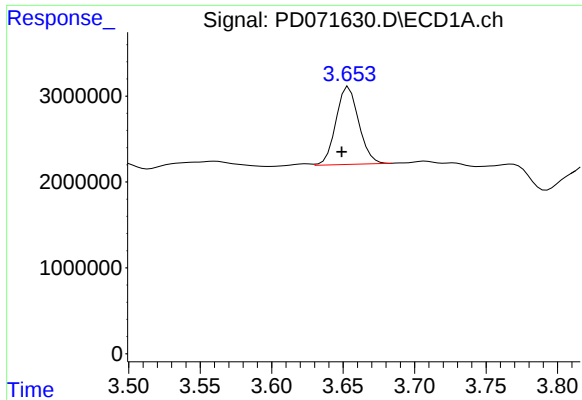
#2 alpha-BHC

R.T.: 3.306 min  
Delta R.T.: -0.009 min  
Response: 1006772  
Conc: 0.24 ng/ml



#2 alpha-BHC

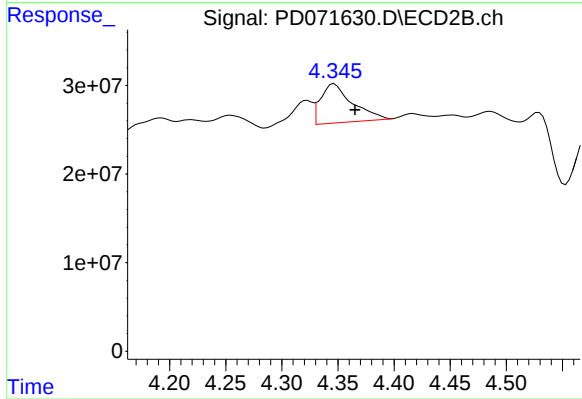
R.T.: 4.020 min  
Delta R.T.: -0.009 min  
Response: 18968112  
Conc: 0.45 ng/ml



#3 gamma-BHC (Lindane)

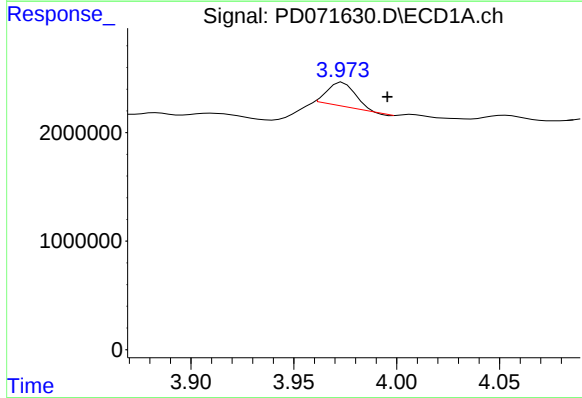
R.T.: 3.654 min  
Delta R.T.: 0.005 min  
Response: 10036910  
Conc: 2.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



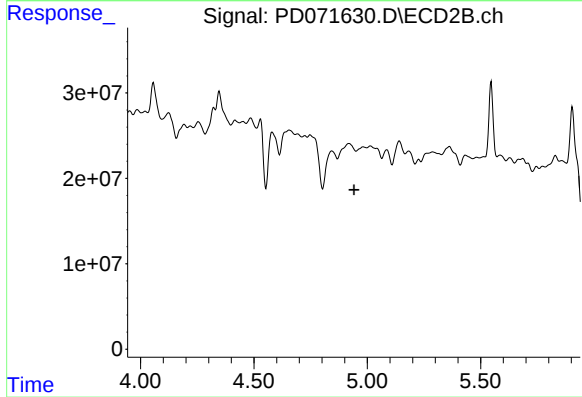
#3 gamma-BHC (Lindane)

R.T.: 4.347 min  
Delta R.T.: -0.018 min  
Response: 86456274  
Conc: 2.46 ng/ml



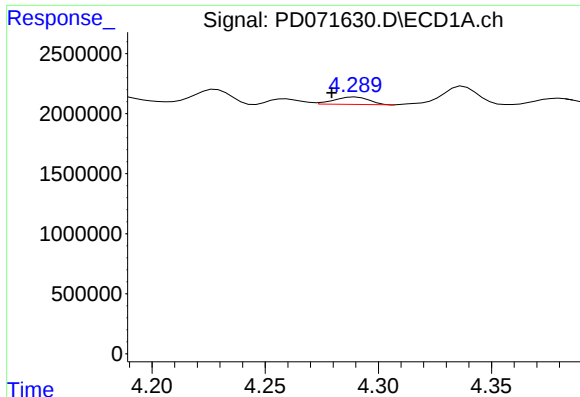
#4 Heptachlor

R.T.: 3.974 min  
Delta R.T.: -0.022 min  
Response: 2032107  
Conc: 0.50 ng/ml



#4 Heptachlor

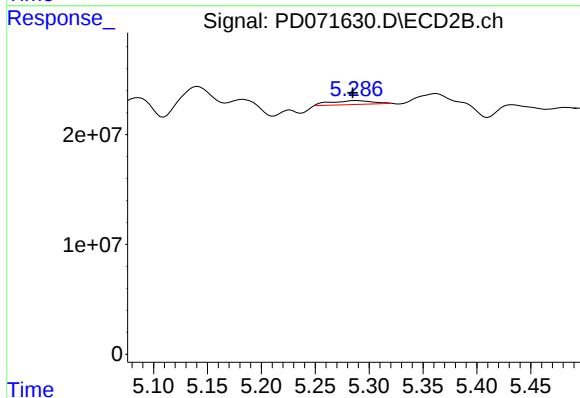
R.T.: 4.982 min  
Delta R.T.: 0.040 min  
Response: -8819612  
Conc: N.D.



#5 Aldrin

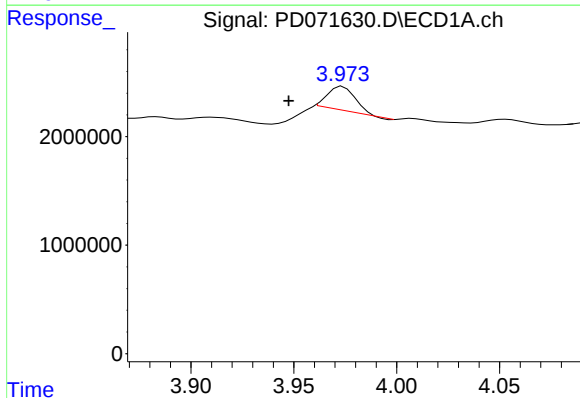
R.T.: 4.290 min  
Delta R.T.: 0.010 min  
Response: 667328  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



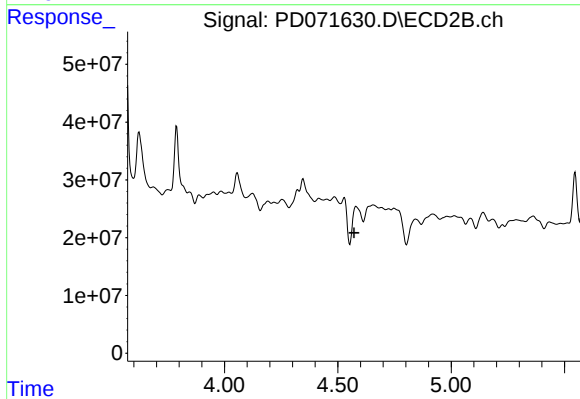
#5 Aldrin

R.T.: 5.288 min  
Delta R.T.: 0.004 min  
Response: 10023275  
Conc: 0.45 ng/ml



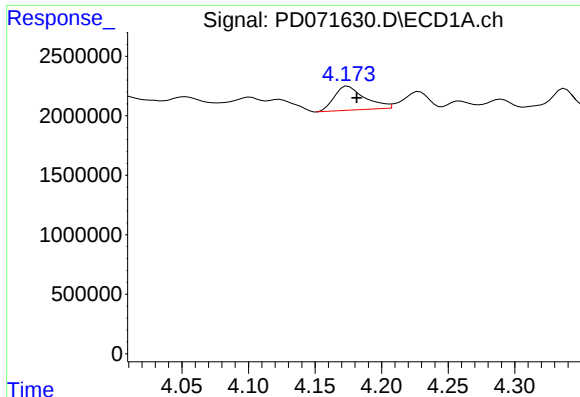
#6 beta-BHC

R.T.: 3.974 min  
Delta R.T.: 0.026 min  
Response: 2032107  
Conc: 1.15 ng/ml



#6 beta-BHC

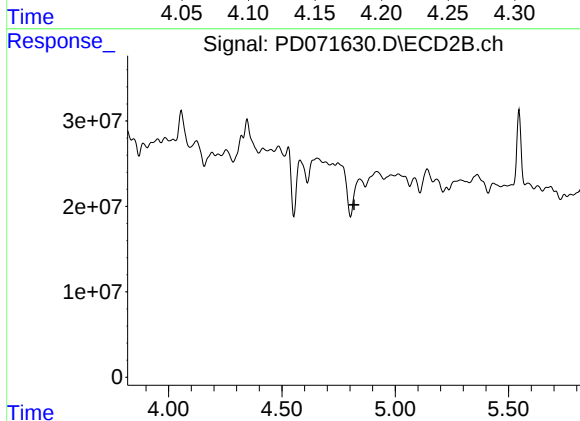
R.T.: 4.581 min  
Delta R.T.: 0.009 min  
Response: -41266424  
Conc: N.D.



#7 delta-BHC

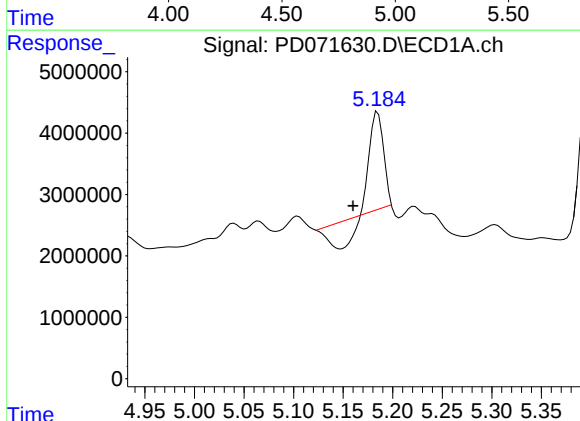
R.T.: 4.175 min  
Delta R.T.: -0.006 min  
Response: 3194615  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



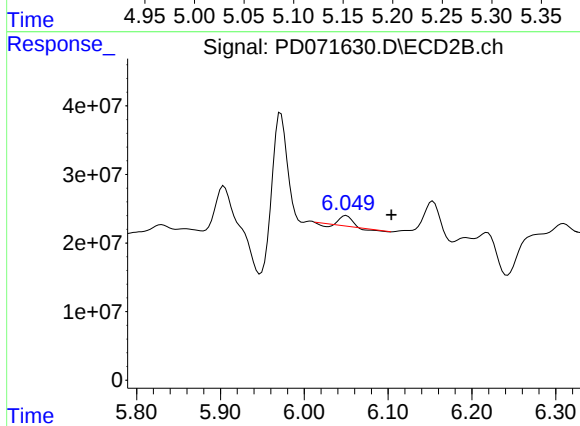
#7 delta-BHC

R.T.: 4.844 min  
Delta R.T.: 0.025 min  
Response: -45578310  
Conc: N.D.



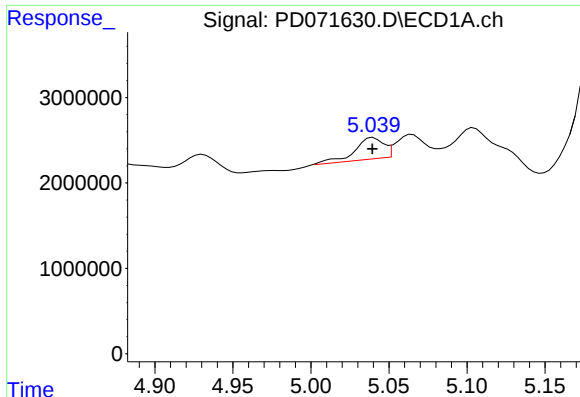
#9 Endosulfan I

R.T.: 5.185 min  
Delta R.T.: 0.025 min  
Response: 9449656  
Conc: 2.78 ng/ml



#9 Endosulfan I

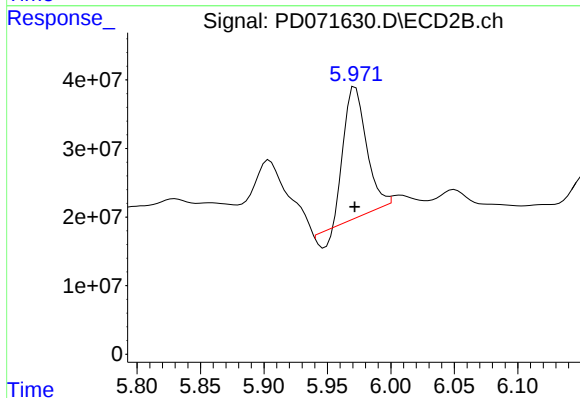
R.T.: 6.050 min  
Delta R.T.: -0.054 min  
Response: 9873677  
Conc: 0.61 ng/ml



#10 trans-Chlordane

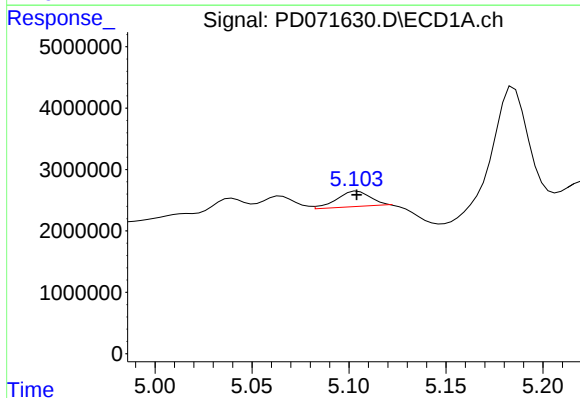
R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 3235871  
Conc: 0.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



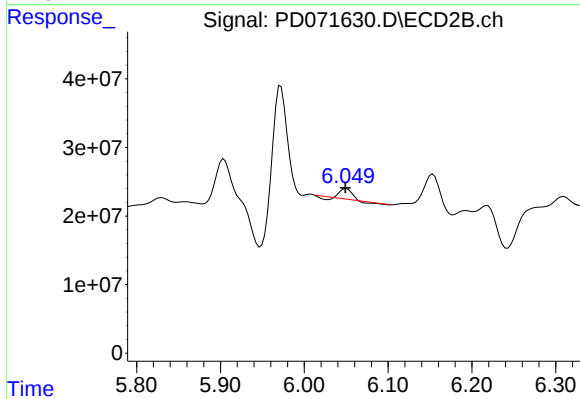
#10 trans-Chlordane

R.T.: 5.972 min  
Delta R.T.: 0.000 min  
Response: 224976282  
Conc: 12.31 ng/ml



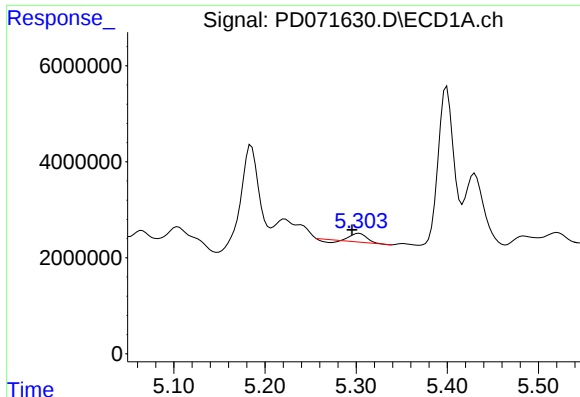
#11 cis-Chlordane

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 3146900  
Conc: 0.81 ng/ml



#11 cis-Chlordane

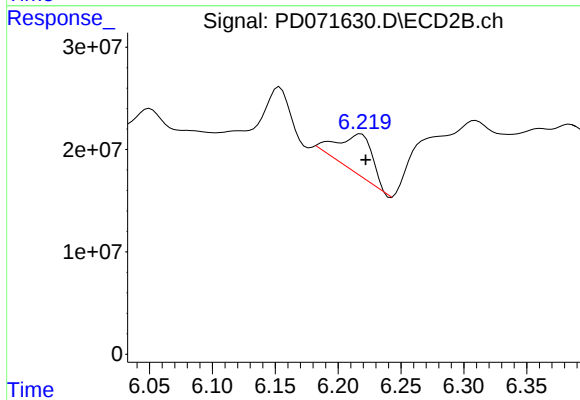
R.T.: 6.050 min  
Delta R.T.: 0.001 min  
Response: 9873677  
Conc: 0.55 ng/ml



#12 4,4'-DDE

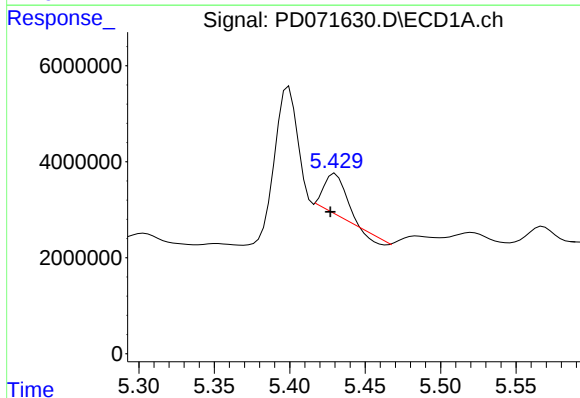
R.T.: 5.303 min  
Delta R.T.: 0.008 min  
Response: 1924934  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



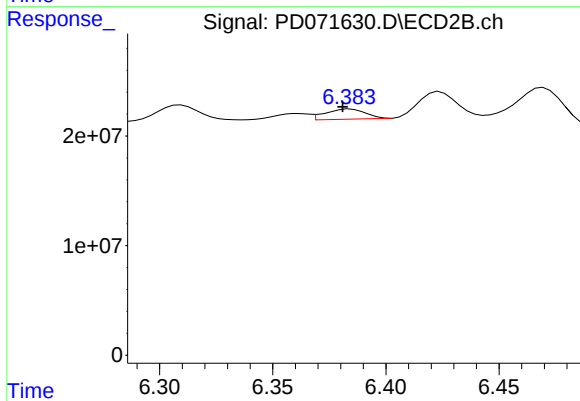
#12 4,4'-DDE

R.T.: 6.218 min  
Delta R.T.: -0.004 min  
Response: 73763690  
Conc: 4.69 ng/ml



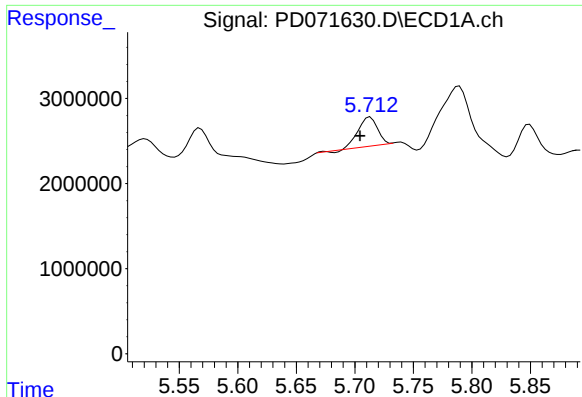
#13 Dieldrin

R.T.: 5.430 min  
Delta R.T.: 0.003 min  
Response: 5987305  
Conc: 1.58 ng/ml



#13 Dieldrin

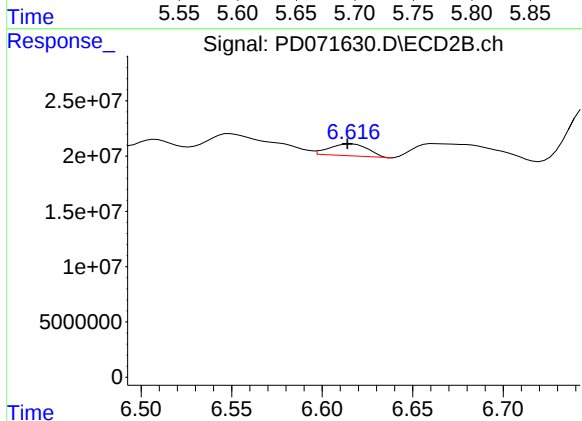
R.T.: 6.384 min  
Delta R.T.: 0.003 min  
Response: 11447779  
Conc: 0.69 ng/ml



#14 Endrin

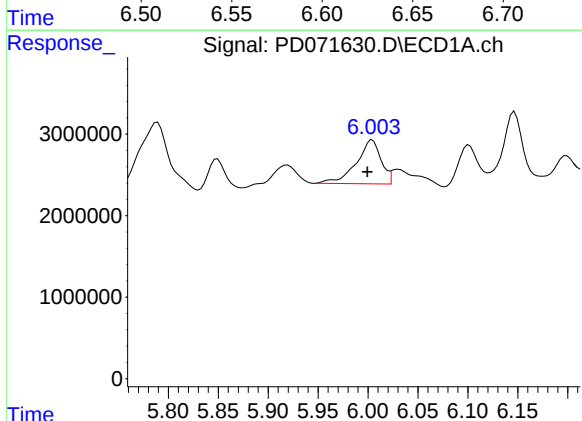
R.T.: 5.713 min  
Delta R.T.: 0.009 min  
Response: 3809863  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



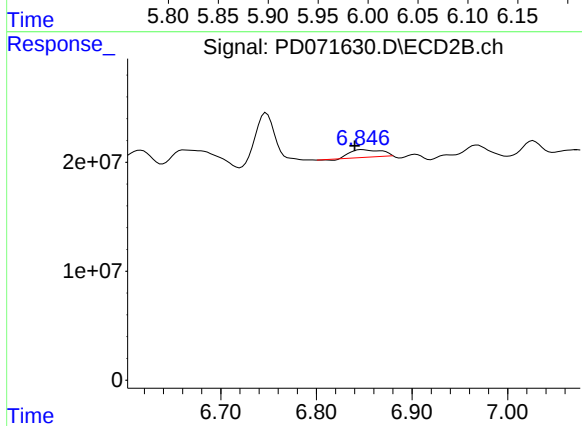
#14 Endrin

R.T.: 6.616 min  
Delta R.T.: 0.002 min  
Response: 16083543  
Conc: 1.27 ng/ml



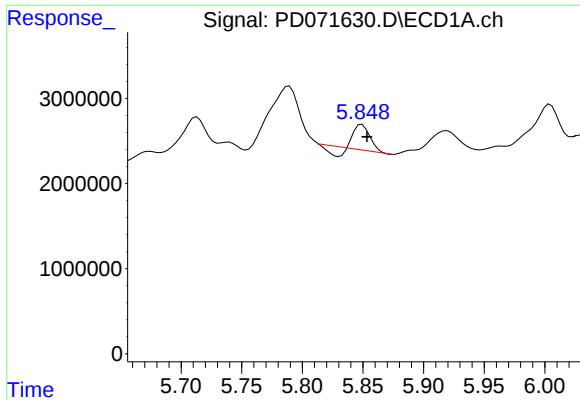
#15 Endosulfan II

R.T.: 6.004 min  
Delta R.T.: 0.005 min  
Response: 9265787  
Conc: 2.97 ng/ml



#15 Endosulfan II

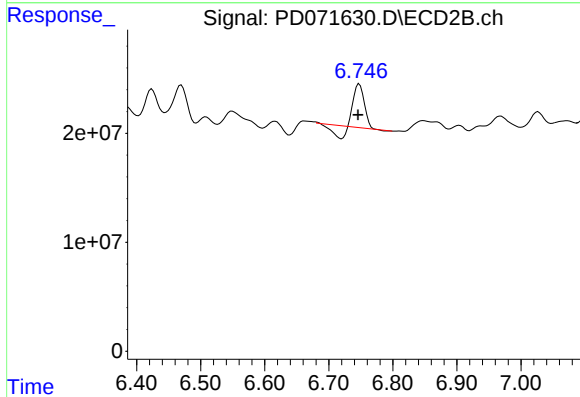
R.T.: 6.848 min  
Delta R.T.: 0.008 min  
Response: 16034561  
Conc: 1.23 ng/ml



#16 4,4'-DDD

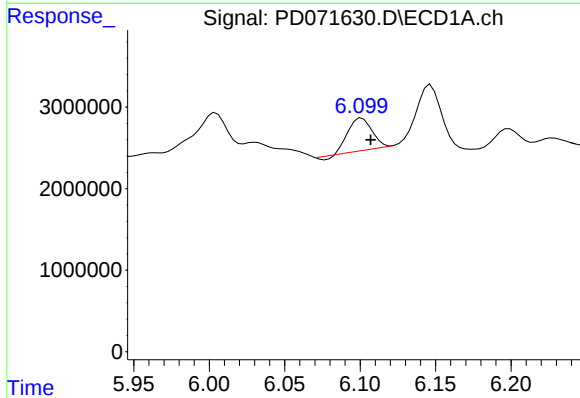
R.T.: 5.849 min  
Delta R.T.: -0.004 min  
Response: 2114931  
Conc: 0.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



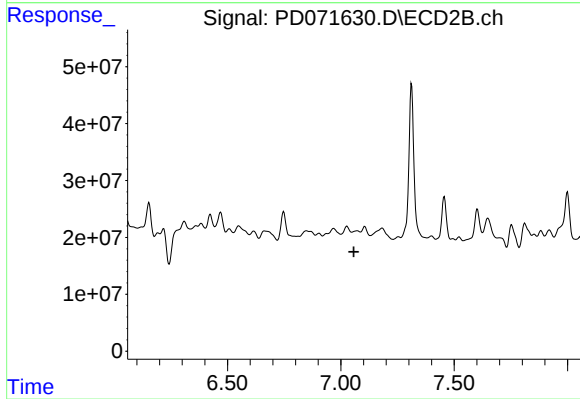
#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.002 min  
Response: 32866840  
Conc: 2.70 ng/ml



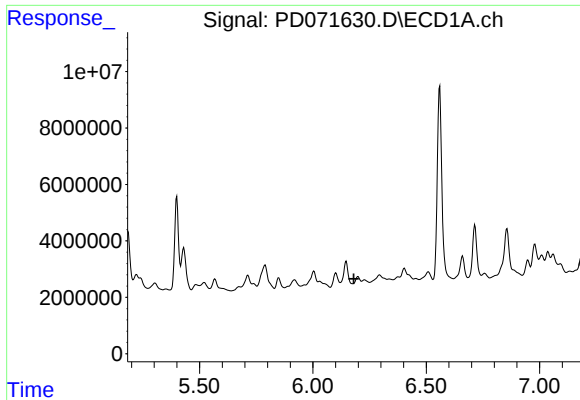
#17 4,4'-DDT

R.T.: 6.101 min  
Delta R.T.: -0.006 min  
Response: 4181969  
Conc: 1.48 ng/ml



#17 4,4'-DDT

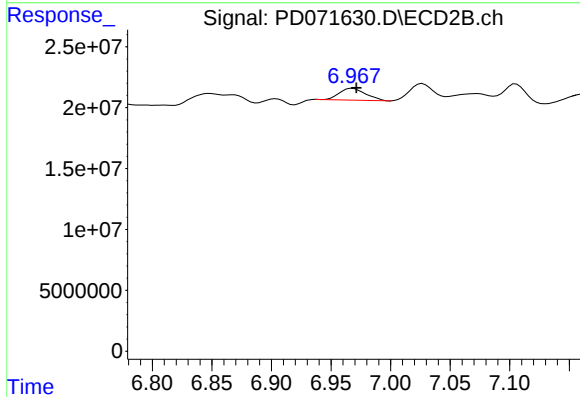
R.T.: 7.072 min  
Delta R.T.: 0.015 min  
Response: -4805791  
Conc: N.D.



#18 Endrin aldehyde

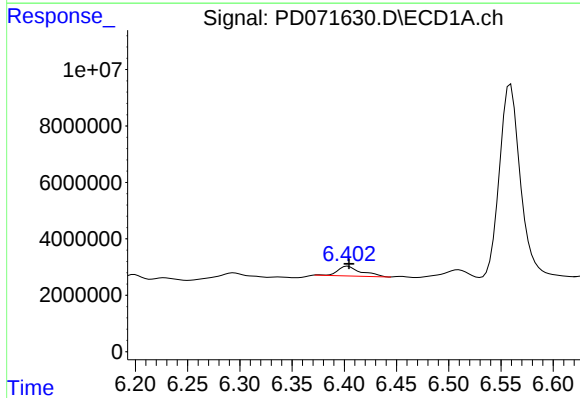
R.T.: 6.199 min  
Delta R.T.: 0.019 min  
Response: -5292900  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



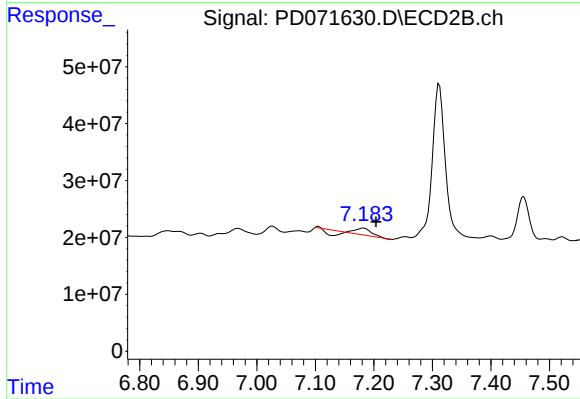
#18 Endrin aldehyde

R.T.: 6.968 min  
Delta R.T.: -0.003 min  
Response: 14940632  
Conc: 1.36 ng/ml



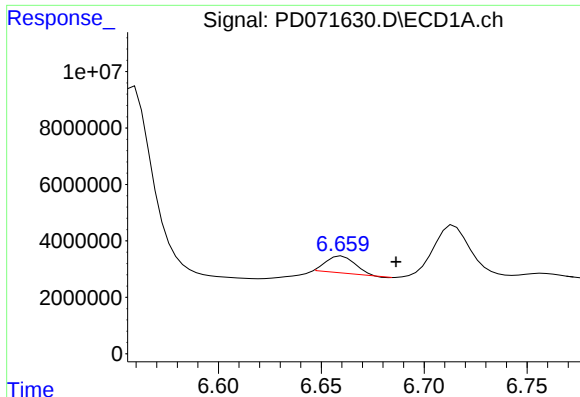
#19 Endosulfan Sulfate

R.T.: 6.403 min  
Delta R.T.: -0.001 min  
Response: 5395603  
Conc: 1.75 ng/ml



#19 Endosulfan Sulfate

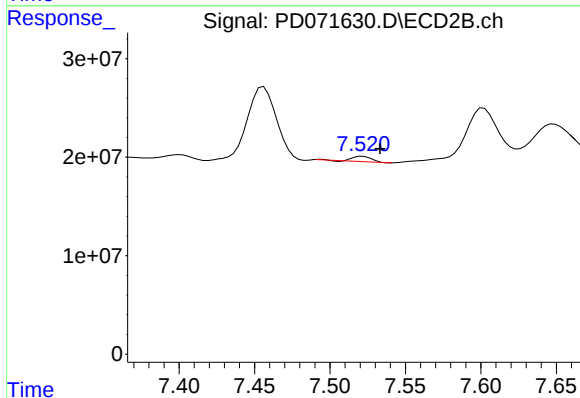
R.T.: 7.182 min  
Delta R.T.: -0.021 min  
Response: 10879554  
Conc: 0.89 ng/ml



#20 Methoxychlor

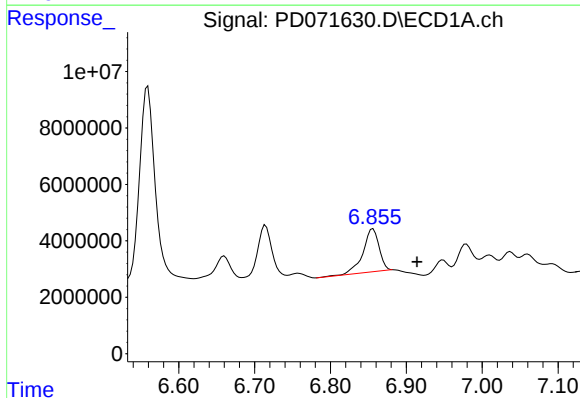
R.T.: 6.660 min  
Delta R.T.: -0.026 min  
Response: 5885355  
Conc: 4.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



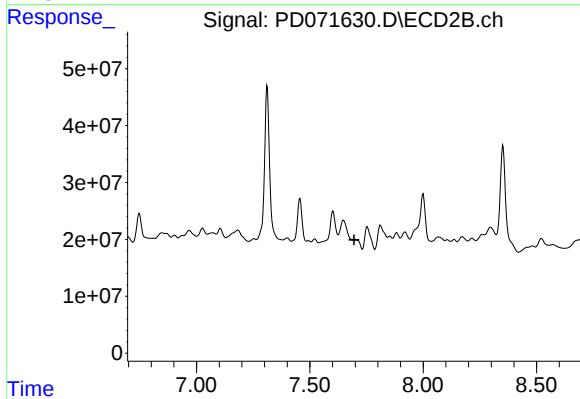
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: -0.011 min  
Response: 4738412  
Conc: 0.90 ng/ml



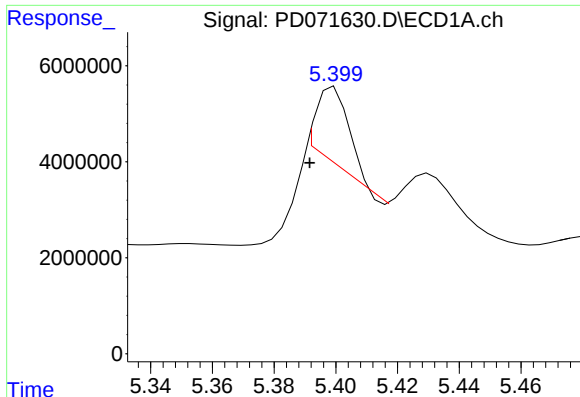
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: -0.058 min  
Response: 22590061  
Conc: 6.61 ng/ml



#21 Endrin ketone

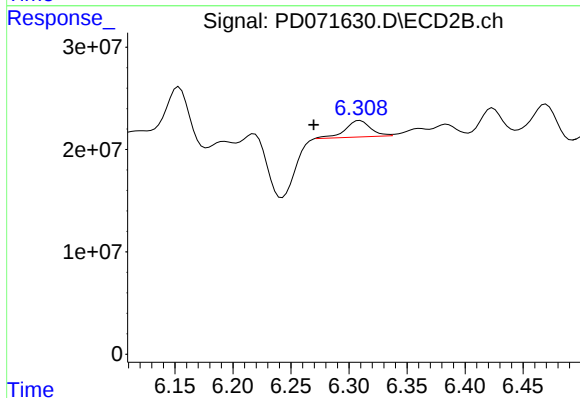
R.T.: 7.649 min  
Delta R.T.: -0.047 min  
Response: -9456133  
Conc: N.D.



#22 Toxaphene-1

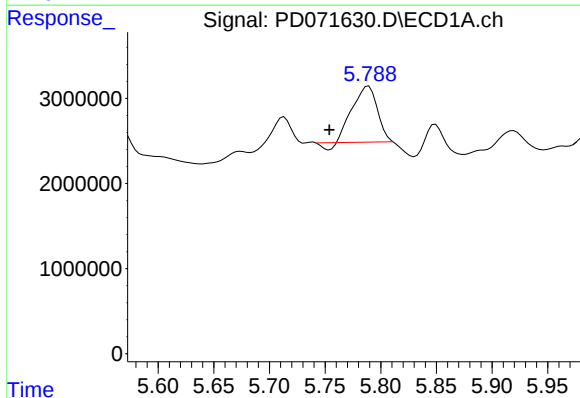
R.T.: 5.399 min  
Delta R.T.: 0.008 min  
Response: 11231055  
Conc: 615.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



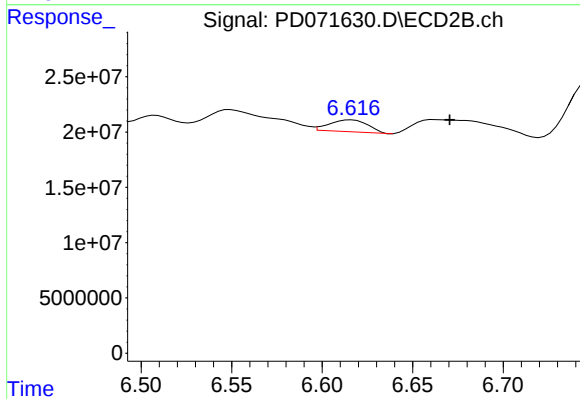
#22 Toxaphene-1

R.T.: 6.310 min  
Delta R.T.: 0.040 min  
Response: 24598354  
Conc: 202.11 ng/ml



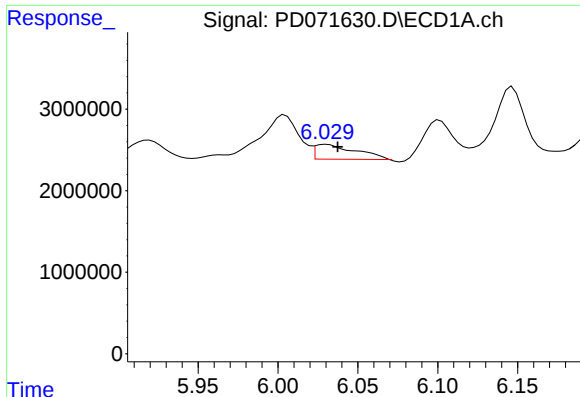
#23 Toxaphene-2

R.T.: 5.789 min  
Delta R.T.: 0.035 min  
Response: 9909829  
Conc: 489.05 ng/ml



#23 Toxaphene-2

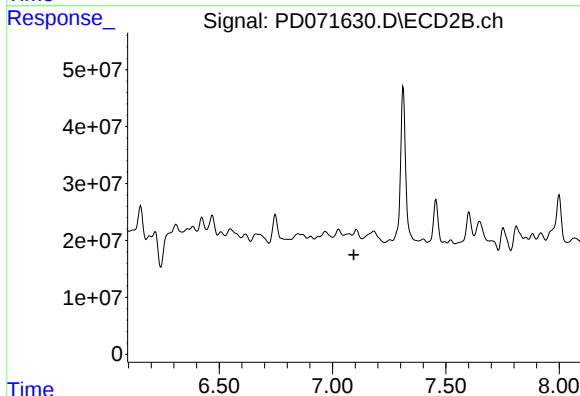
R.T.: 6.616 min  
Delta R.T.: -0.054 min  
Response: 16083543  
Conc: 179.44 ng/ml



#24 Toxaphene-3

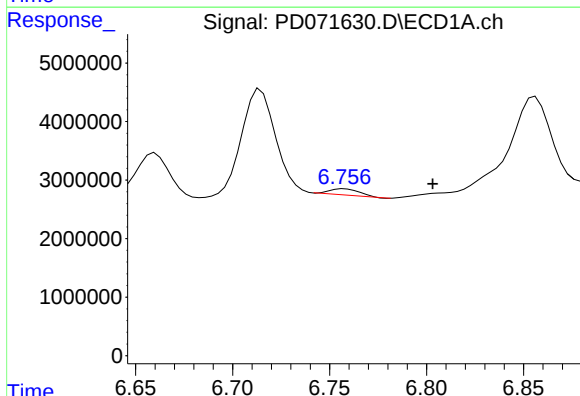
R.T.: 6.030 min  
Delta R.T.: -0.007 min  
Response: 3166321  
Conc: 137.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



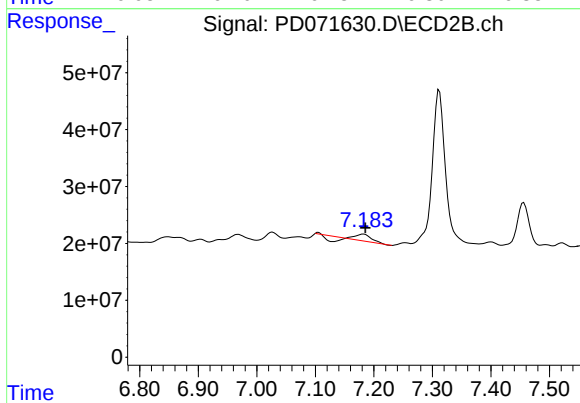
#24 Toxaphene-3

R.T.: 7.072 min  
Delta R.T.: -0.021 min  
Response: -4805791  
Conc: N.D.



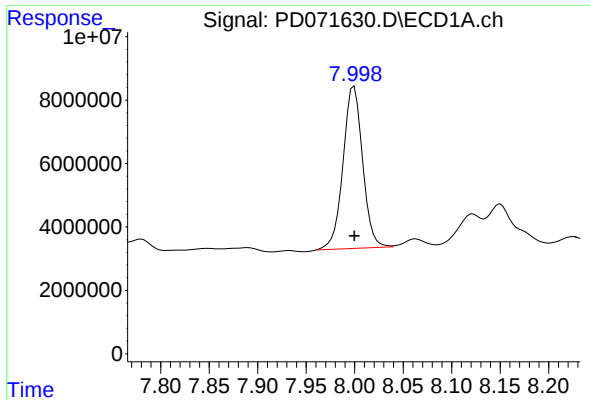
#25 Toxaphene-4

R.T.: 6.758 min  
Delta R.T.: -0.046 min  
Response: 1134564  
Conc: 12.07 ng/ml



#25 Toxaphene-4

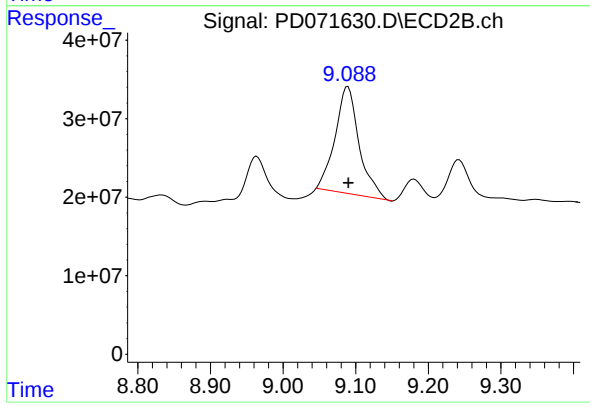
R.T.: 7.182 min  
Delta R.T.: -0.004 min  
Response: 10879554  
Conc: 40.32 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.999 min  
Delta R.T.: 0.000 min  
Response: 71642413  
Conc: 25.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.000 min  
Response: 310434780  
Conc: 32.38 ng/ml