

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061622\  
 Data File : PD070361.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2022 20:10  
 Operator : AR\AJ  
 Sample : N3358-09MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 17 01:46:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 14 16:58:30 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

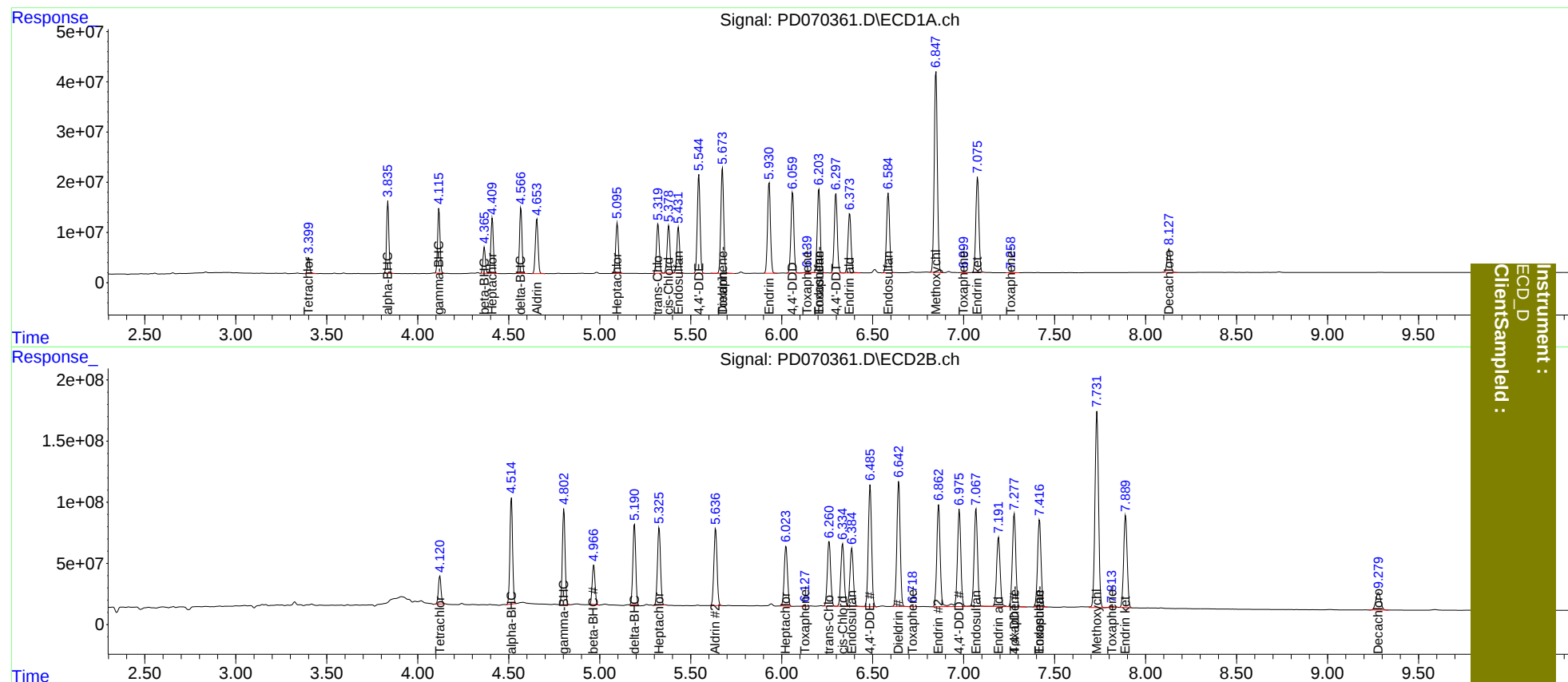
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|------------|
| -----                       |                 |        |        |          |          |           |            |
| System Monitoring Compounds |                 |        |        |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.401  | 4.122  | 28595457 | 229.3E6  | 19.717    | 16.976     |
| 27)                         | SA Decachlor... | 8.129  | 9.280  | 61658818 | 263.4E6  | 38.496    | 36.502     |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 3.836  | 4.515  | 124.8E6  | 890.3E6  | 59.041    | 45.479     |
| 3)                          | MA gamma-BHC... | 4.117  | 4.803  | 117.8E6  | 822.0E6  | 58.666    | 45.080     |
| 4)                          | MA Heptachlor   | 4.410  | 5.327  | 106.1E6  | 744.1E6  | 53.907    | 41.532     |
| 5)                          | MB Aldrin       | 4.655  | 5.637  | 112.4E6  | 757.8E6  | 58.917    | 45.592     |
| 6)                          | B beta-BHC      | 4.366  | 4.968  | 47377671 | 346.0E6  | 52.932    | 43.735     |
| 7)                          | B delta-BHC     | 4.567  | 5.191  | 122.8E6  | 710.0E6  | 60.856    | 55.033     |
| 8)                          | B Heptachlo...  | 5.096  | 6.024  | 104.3E6  | 613.3E6  | 59.567    | 52.561     |
| 9)                          | A Endosulfan I  | 5.432  | 6.386  | 95862869 | 620.4E6  | 56.992    | 46.006     |
| 10)                         | B trans-Chl...  | 5.321  | 6.261  | 106.2E6  | 672.3E6  | 59.032    | 46.519     |
| 11)                         | B cis-Chlor...  | 5.379  | 6.335  | 102.2E6  | 650.9E6  | 57.760    | 46.354     |
| 12)                         | B 4,4'-DDE      | 5.545  | 6.486  | 210.9E6  | 1245.8E6 | 124.952   | 95.806     |
| 13)                         | MA Dieldrin     | 5.675  | 6.643  | 230.5E6  | 1296.4E6 | 121.511   | 94.654     |
| 14)                         | MA Endrin       | 5.931  | 6.863  | 202.1E6  | 1073.4E6 | 118.774   | 93.286     |
| 15)                         | B Endosulfa...  | 6.205  | 7.068  | 191.0E6  | 1031.2E6 | 117.718   | 93.755     |
| 16)                         | A 4,4'-DDD      | 6.060  | 6.976  | 180.8E6  | 1045.0E6 | 119.418   | 94.649     |
| 17)                         | MA 4,4'-DDT     | 6.298  | 7.278  | 182.3E6  | 1001.3E6 | 125.254   | 97.385     |
| 18)                         | B Endrin al...  | 6.374  | 7.192  | 140.6E6  | 764.7E6  | 113.018   | 90.918     |
| 19)                         | B Endosulfa...  | 6.586  | 7.417  | 184.2E6  | 941.0E6  | 116.279   | 95.205     |
| 20)                         | A Methoxychlor  | 6.848  | 7.733  | 478.4E6  | 2180.3E6 | 565.242   | 461.834    |
| 21)                         | B Endrin ke...  | 7.077  | 7.890  | 224.7E6  | 1014.2E6 | 125.989   | 99.557     |
| 22)                         | Toxaphene-1     | 5.675f | 6.129  | 230.5E6  | 3315722  | 21321.779 | 104.200 #  |
| 23)                         | Toxaphene-2     | 6.141  | 6.717  | 3653337  | 60012    | 337.055   | 0.489 #    |
| 24)                         | Toxaphene-3     | 6.205  | 7.278f | 191.0E6  | 1001.3E6 | 6917.566  | 3700.851 # |
| 25)                         | Toxaphene-4     | 7.001  | 7.417  | 613802   | 941.0E6  | 18.878    | 5870.209 # |
| 26)                         | Toxaphene-5     | 7.259  | 7.815  | 867139   | 12123184 | 165.706   | 111.288 #  |
| -----                       |                 |        |        |          |          |           |            |

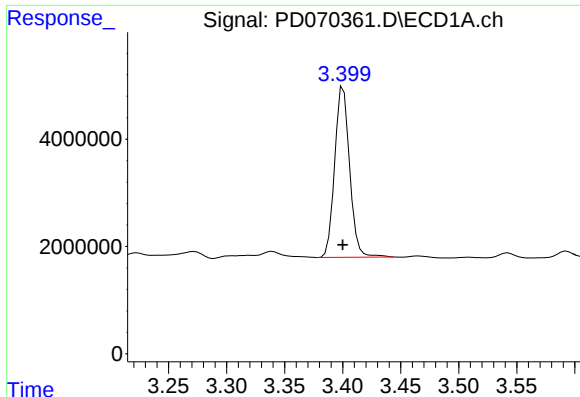
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061622\  
Data File : PD070361.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2022 20:10  
Operator : AR\AJ  
Sample : N3358-09MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 17 01:46:40 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061422CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 14 16:58:30 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

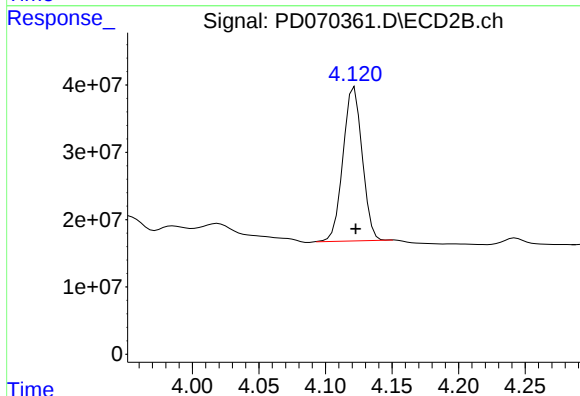




#1 Tetrachloro-m-xylene

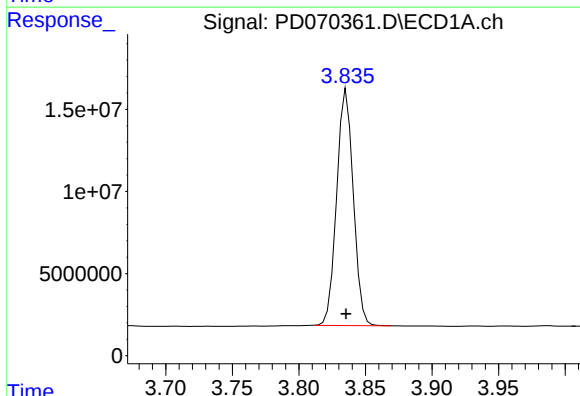
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 28595457  
Conc: 19.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



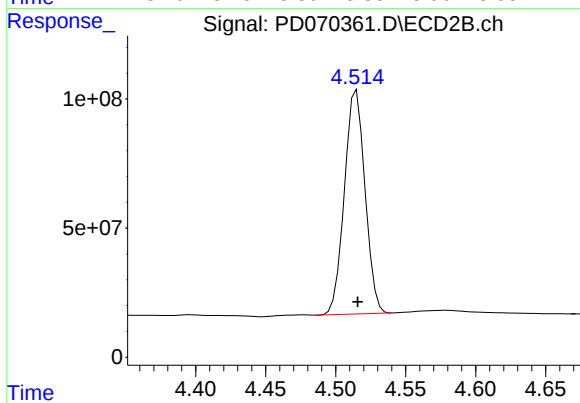
#1 Tetrachloro-m-xylene

R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 229330810  
Conc: 16.98 ng/ml



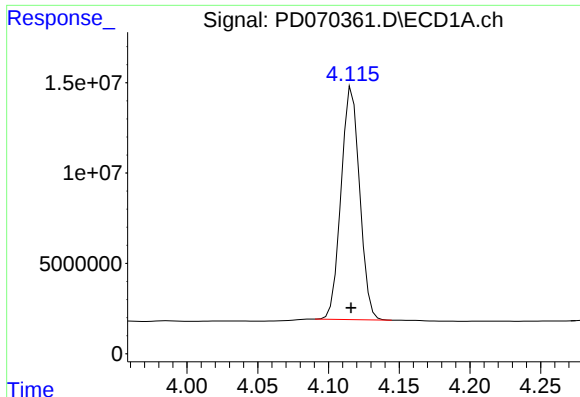
#2 alpha-BHC

R.T.: 3.836 min  
Delta R.T.: 0.000 min  
Response: 124767861  
Conc: 59.04 ng/ml



#2 alpha-BHC

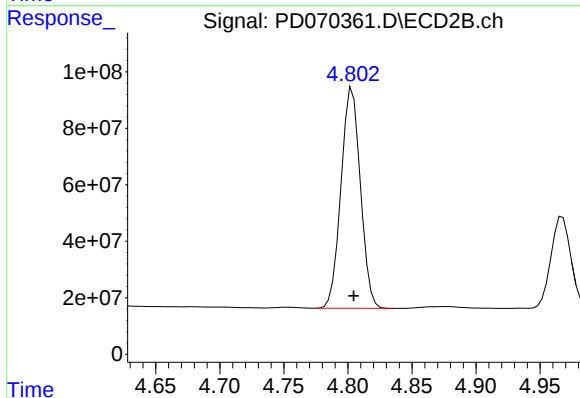
R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 890297380  
Conc: 45.48 ng/ml



#3 gamma-BHC (Lindane)

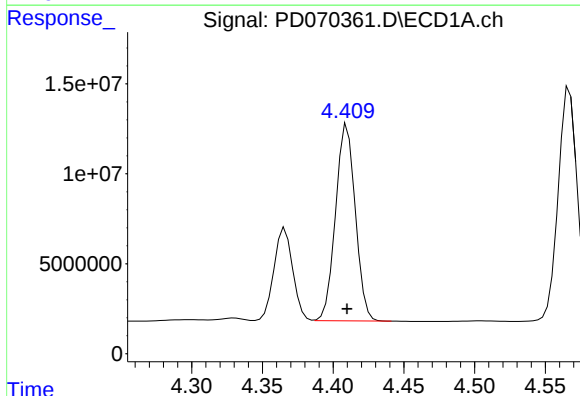
R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 117805056  
Conc: 58.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



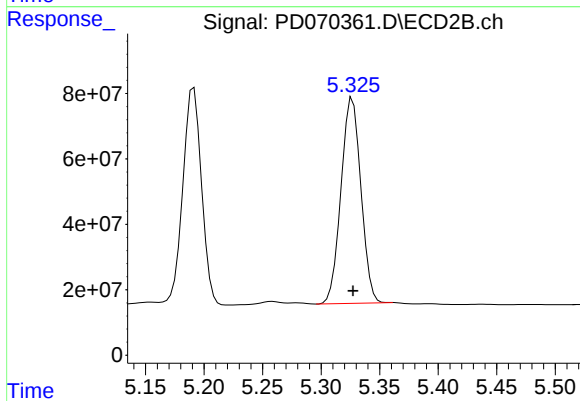
#3 gamma-BHC (Lindane)

R.T.: 4.803 min  
Delta R.T.: -0.001 min  
Response: 822025362  
Conc: 45.08 ng/ml



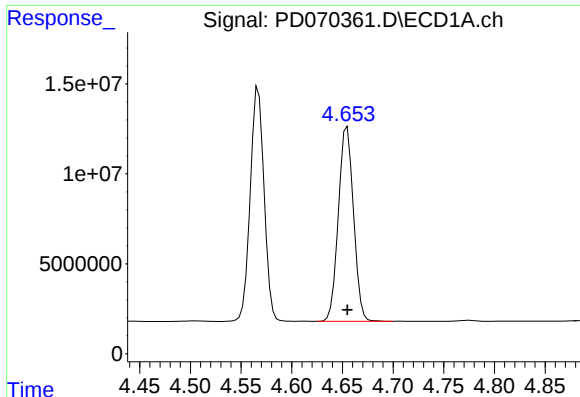
#4 Heptachlor

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 106093165  
Conc: 53.91 ng/ml



#4 Heptachlor

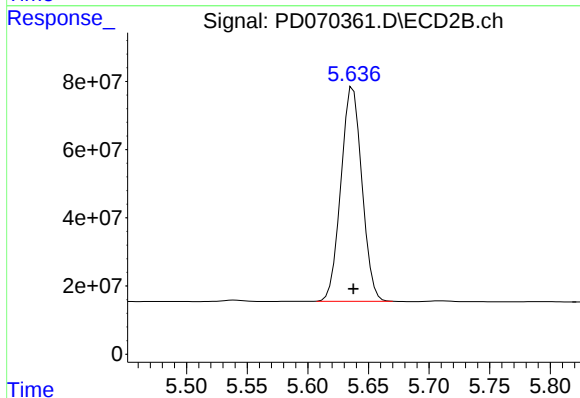
R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 744071736  
Conc: 41.53 ng/ml



#5 Aldrin

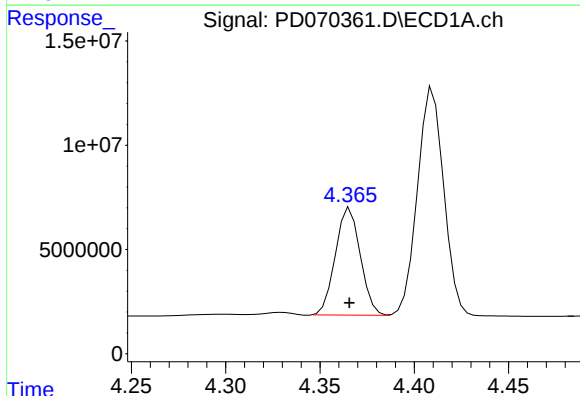
R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 112382059  
Conc: 58.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



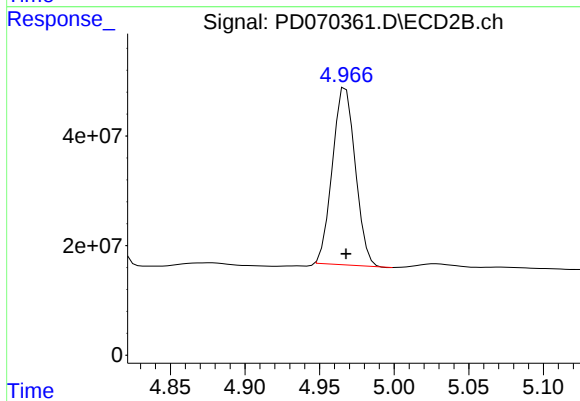
#5 Aldrin

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 757765042  
Conc: 45.59 ng/ml



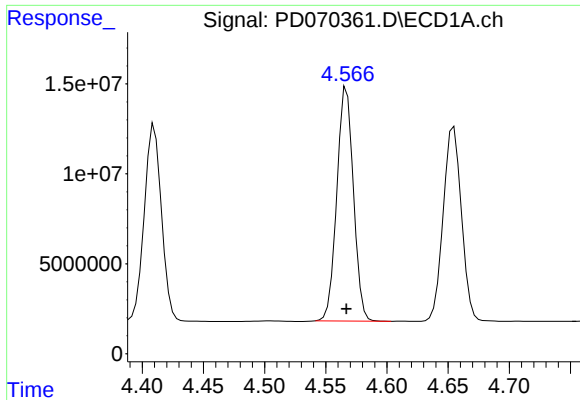
#6 beta-BHC

R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 47377671  
Conc: 52.93 ng/ml



#6 beta-BHC

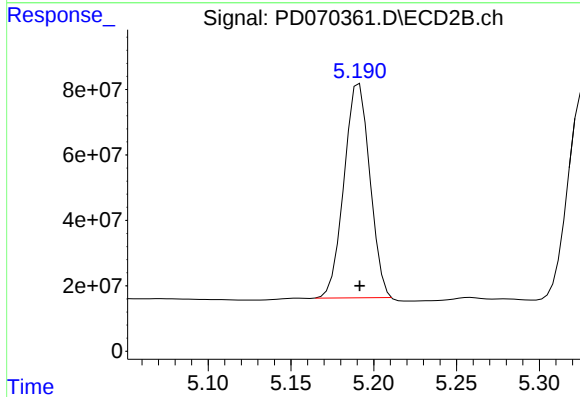
R.T.: 4.968 min  
Delta R.T.: 0.000 min  
Response: 345972160  
Conc: 43.73 ng/ml



#7 delta-BHC

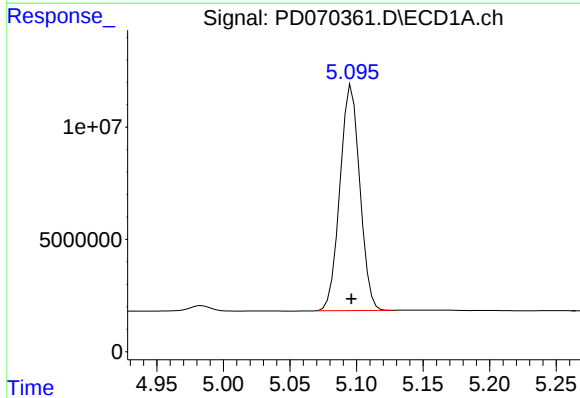
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 122814821  
Conc: 60.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



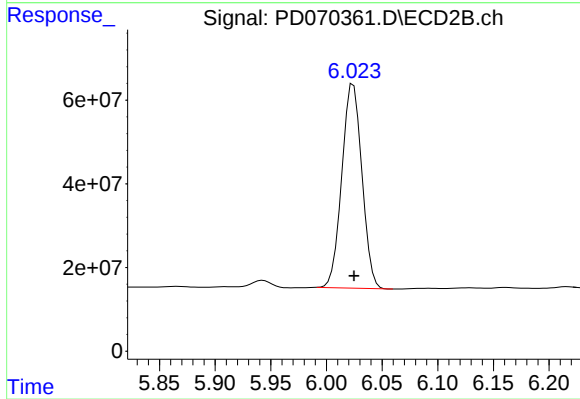
#7 delta-BHC

R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 710035535  
Conc: 55.03 ng/ml



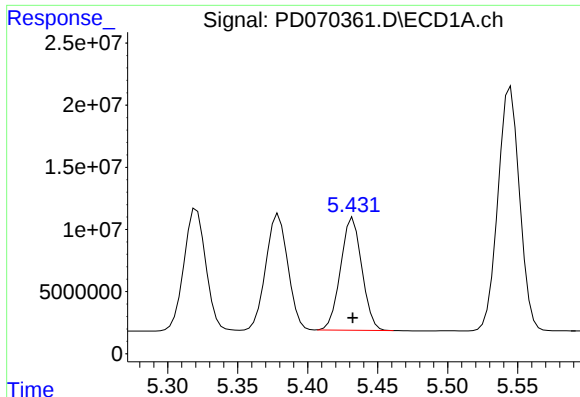
#8 Heptachlor epoxide

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 104343418  
Conc: 59.57 ng/ml



#8 Heptachlor epoxide

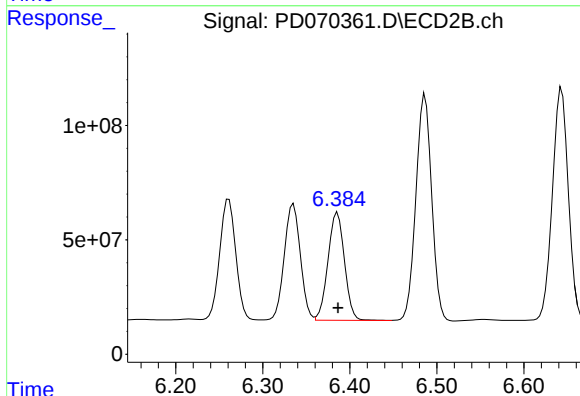
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 613314170  
Conc: 52.56 ng/ml



#9 Endosulfan I

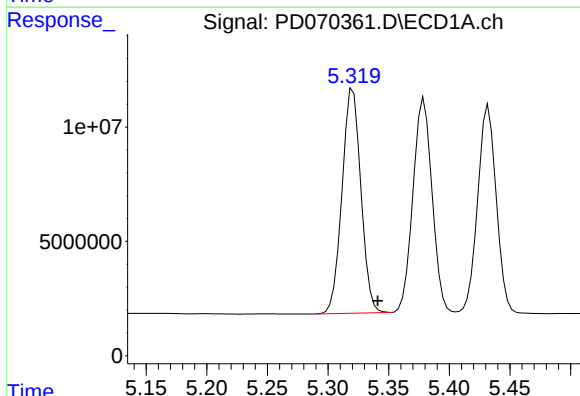
R.T.: 5.432 min  
Delta R.T.: 0.000 min  
Response: 95862869  
Conc: 56.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



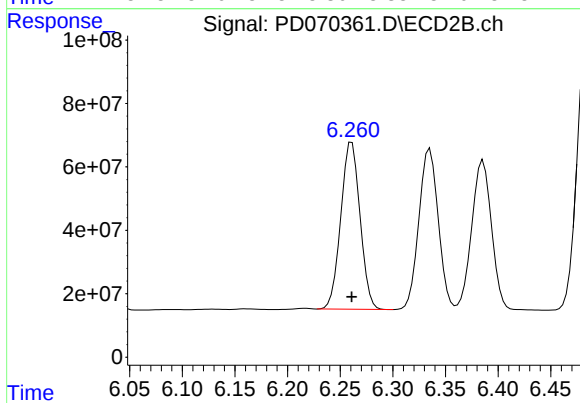
#9 Endosulfan I

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 620407396  
Conc: 46.01 ng/ml



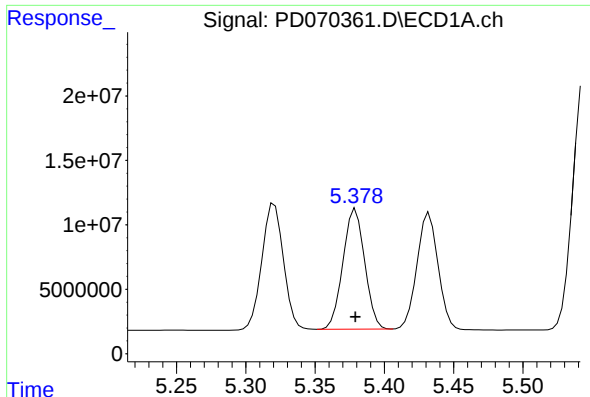
#10 trans-Chlordane

R.T.: 5.321 min  
Delta R.T.: -0.020 min  
Response: 106178198  
Conc: 59.03 ng/ml



#10 trans-Chlordane

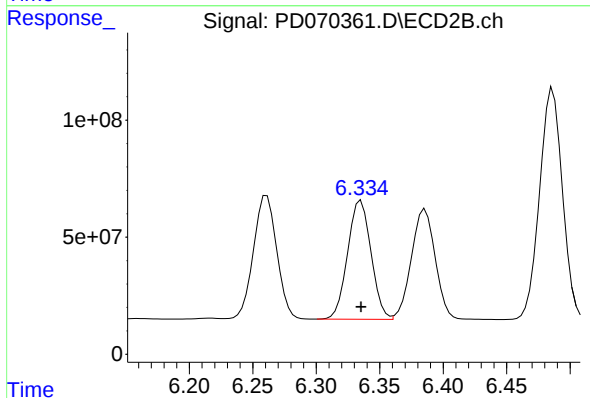
R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 672328057  
Conc: 46.52 ng/ml



#11 cis-Chlordane

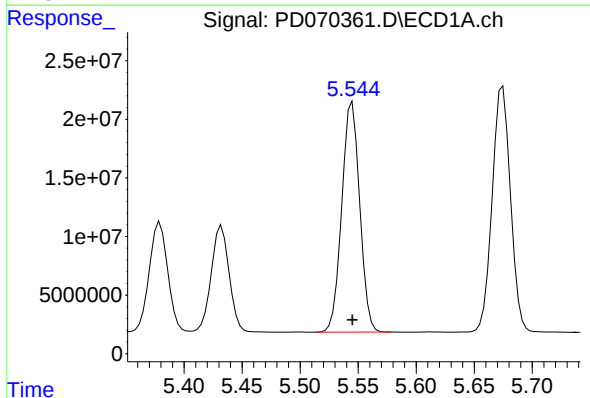
R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 102161649  
Conc: 57.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



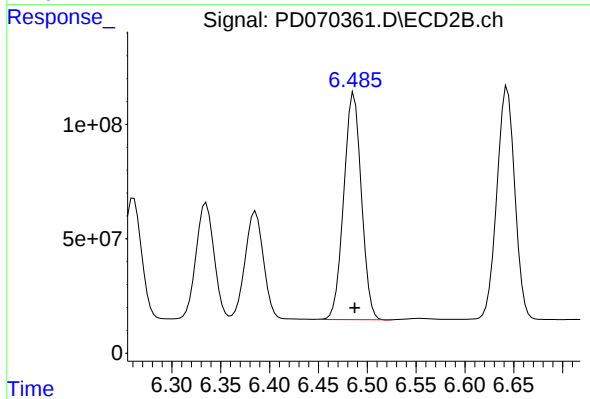
#11 cis-Chlordane

R.T.: 6.335 min  
Delta R.T.: 0.000 min  
Response: 650859905  
Conc: 46.35 ng/ml



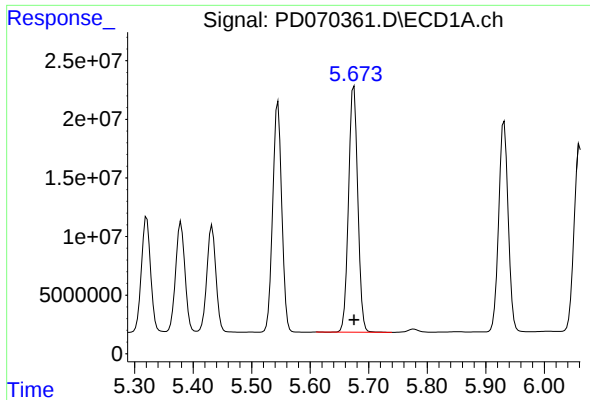
#12 4,4'-DDE

R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 210937927  
Conc: 124.95 ng/ml



#12 4,4'-DDE

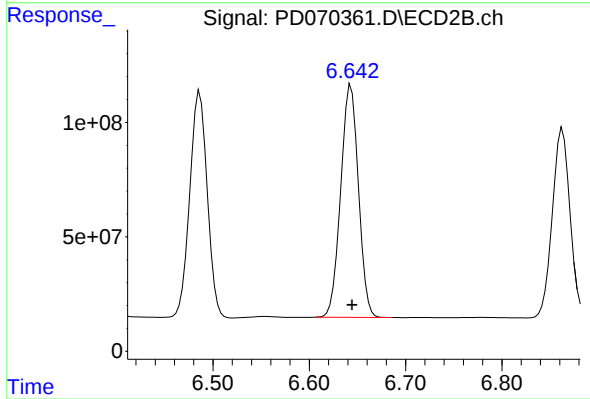
R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 1245754698  
Conc: 95.81 ng/ml



#13 Dieldrin

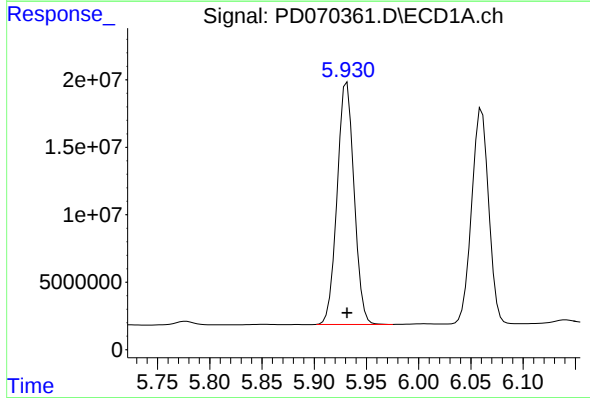
R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 230493105  
Conc: 121.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



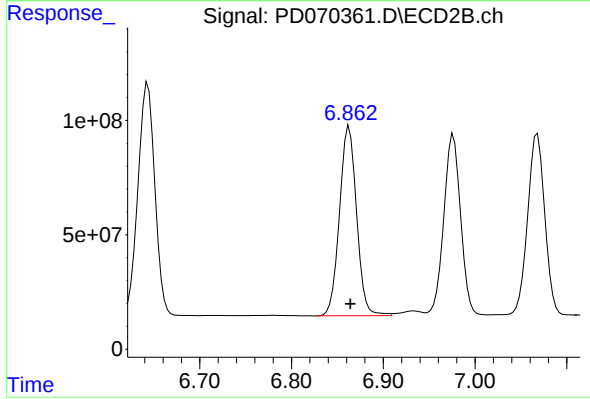
#13 Dieldrin

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 1296375113  
Conc: 94.65 ng/ml



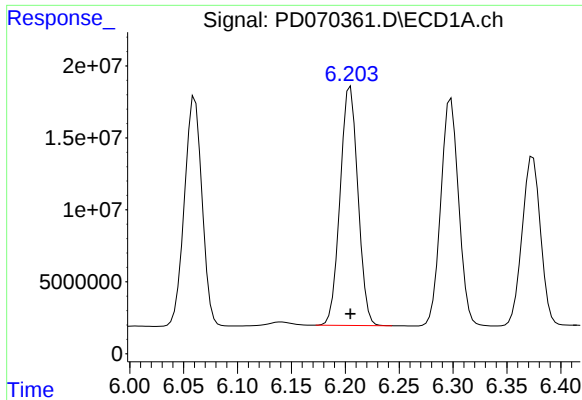
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 202129600  
Conc: 118.77 ng/ml



#14 Endrin

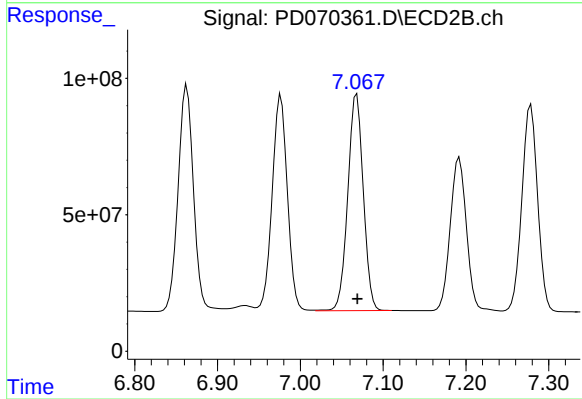
R.T.: 6.863 min  
Delta R.T.: -0.001 min  
Response: 1073352482  
Conc: 93.29 ng/ml



#15 Endosulfan II

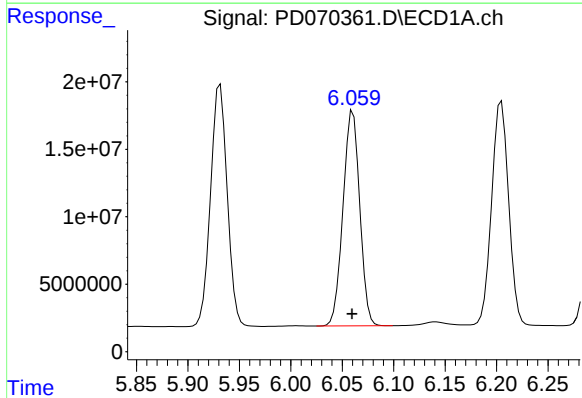
R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 191025909  
Conc: 117.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



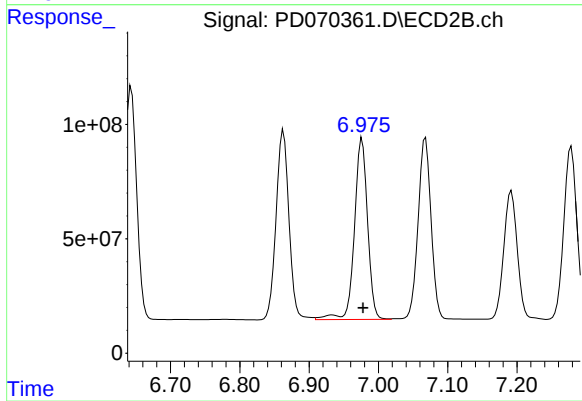
#15 Endosulfan II

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 1031177701  
Conc: 93.75 ng/ml



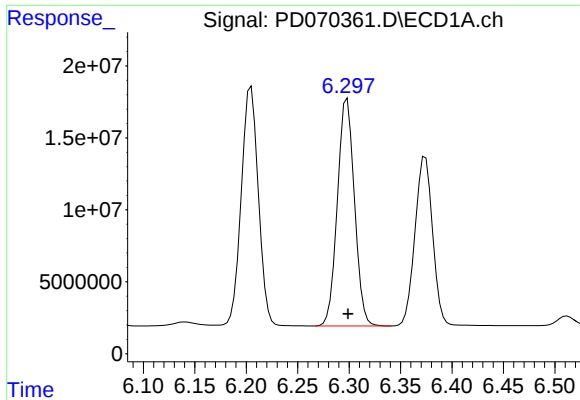
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: 0.000 min  
Response: 180807755  
Conc: 119.42 ng/ml



#16 4,4'-DDD

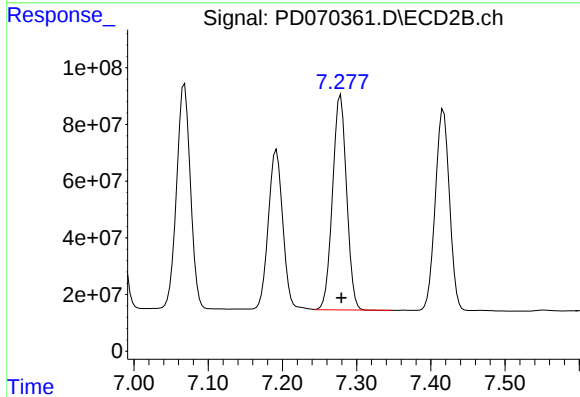
R.T.: 6.976 min  
Delta R.T.: -0.001 min  
Response: 1045027389  
Conc: 94.65 ng/ml



#17 4,4'-DDT

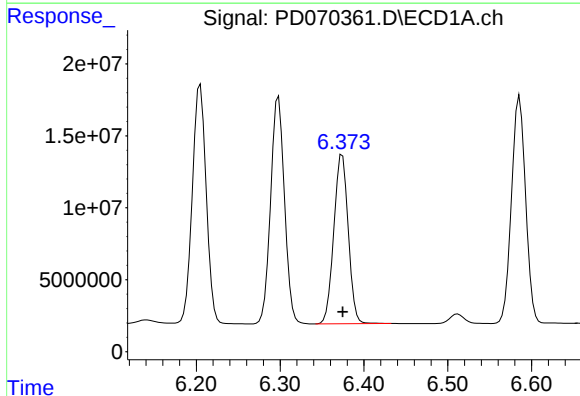
R.T.: 6.298 min  
Delta R.T.: 0.000 min  
Response: 182270450  
Conc: 125.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



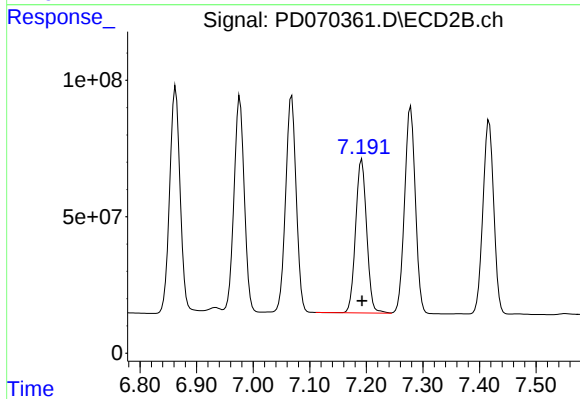
#17 4,4'-DDT

R.T.: 7.278 min  
Delta R.T.: -0.001 min  
Response: 1001310138  
Conc: 97.39 ng/ml



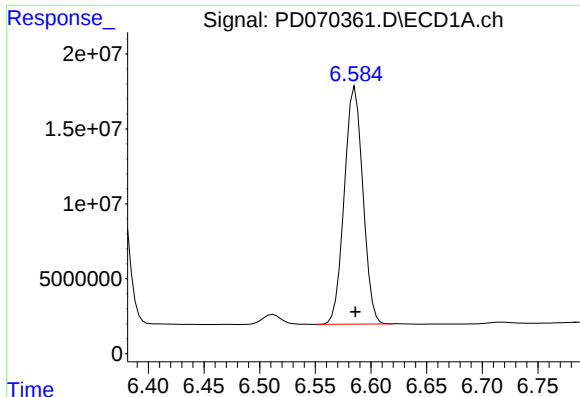
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 140593860  
Conc: 113.02 ng/ml



#18 Endrin aldehyde

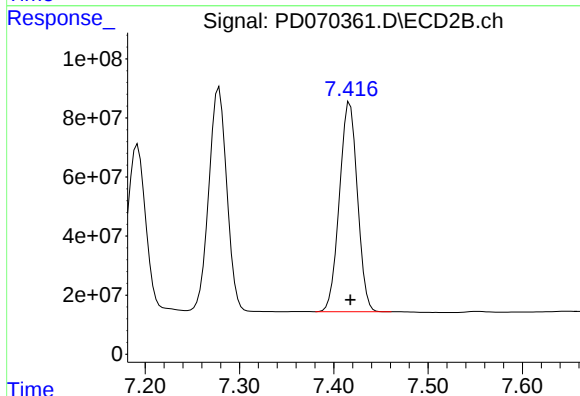
R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 764725380  
Conc: 90.92 ng/ml



#19 Endosulfan Sulfate

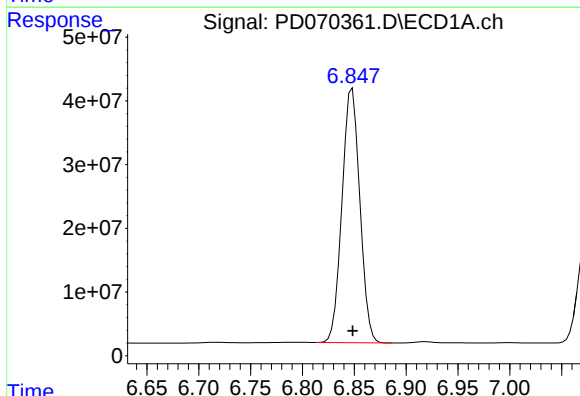
R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 184180021  
Conc: 116.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



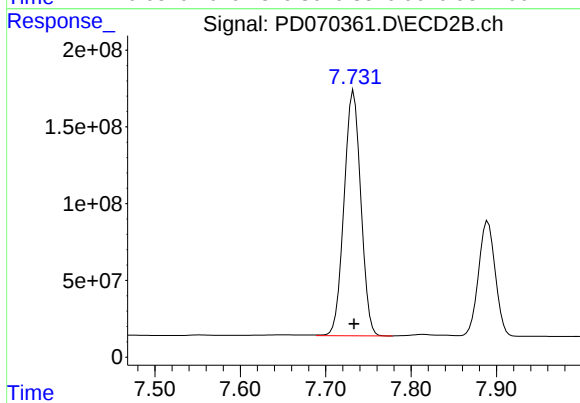
#19 Endosulfan Sulfate

R.T.: 7.417 min  
Delta R.T.: 0.000 min  
Response: 941046312  
Conc: 95.21 ng/ml



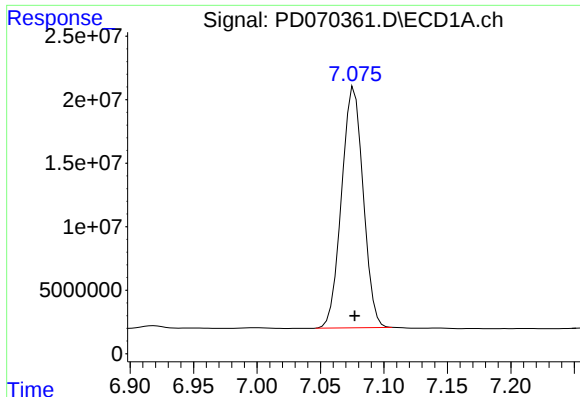
#20 Methoxychlor

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 478407556  
Conc: 565.24 ng/ml



#20 Methoxychlor

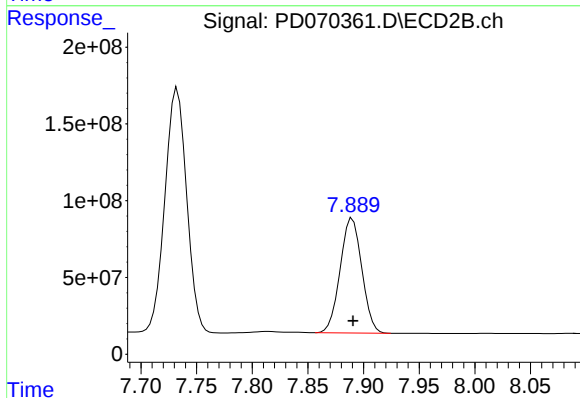
R.T.: 7.733 min  
Delta R.T.: 0.000 min  
Response: 2180337652  
Conc: 461.83 ng/ml



#21 Endrin ketone

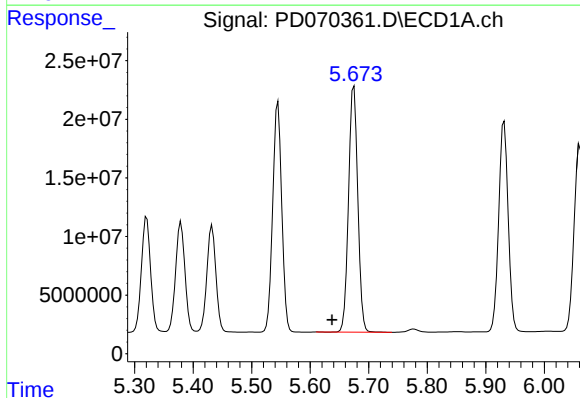
R.T.: 7.077 min  
Delta R.T.: 0.000 min  
Response: 224678202  
Conc: 125.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



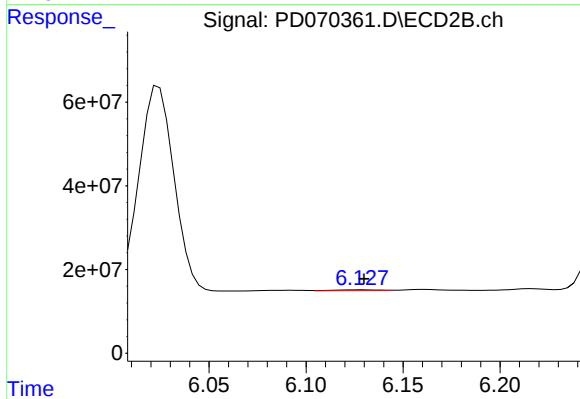
#21 Endrin ketone

R.T.: 7.890 min  
Delta R.T.: 0.000 min  
Response: 1014221690  
Conc: 99.56 ng/ml



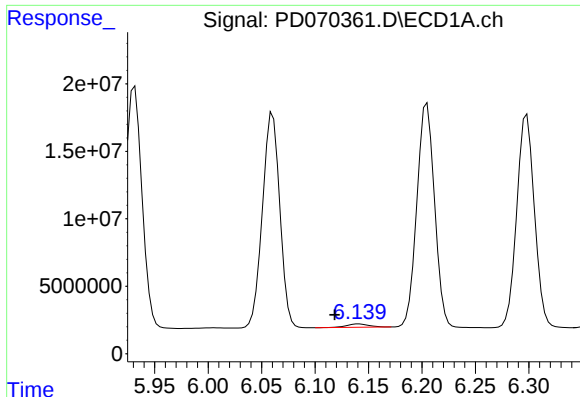
#22 Toxaphene-1

R.T.: 5.675 min  
Delta R.T.: 0.037 min  
Response: 230493105  
Conc: 21321.78 ng/ml



#22 Toxaphene-1

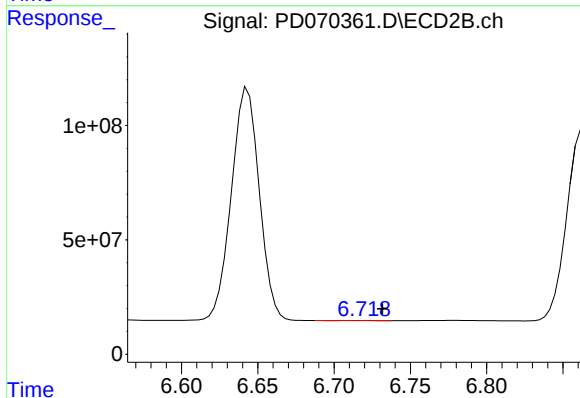
R.T.: 6.129 min  
Delta R.T.: -0.001 min  
Response: 3315722  
Conc: 104.20 ng/ml



#23 Toxaphene-2

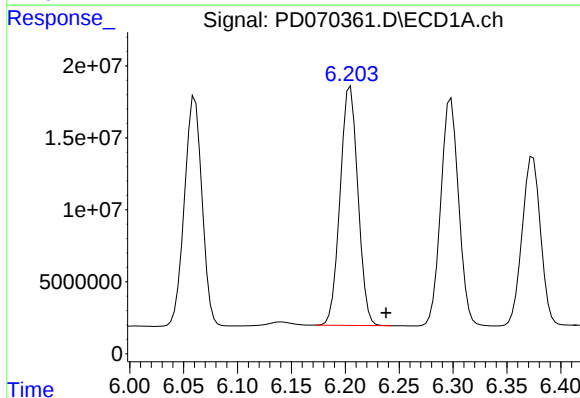
R.T.: 6.141 min  
Delta R.T.: 0.022 min  
Response: 3653337  
Conc: 337.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



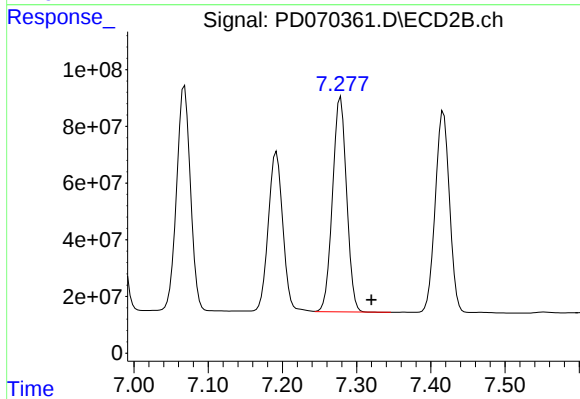
#23 Toxaphene-2

R.T.: 6.717 min  
Delta R.T.: -0.014 min  
Response: 60012  
Conc: 0.49 ng/ml



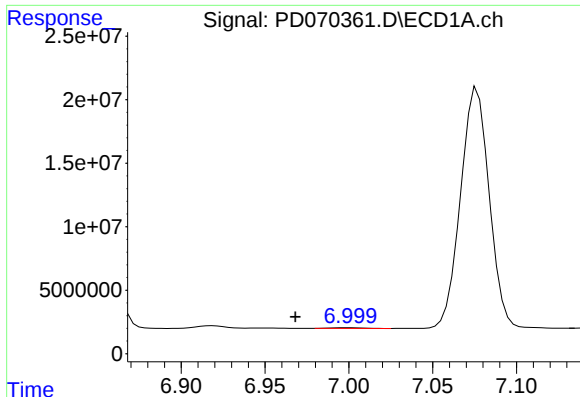
#24 Toxaphene-3

R.T.: 6.205 min  
Delta R.T.: -0.033 min  
Response: 191025909  
Conc: 6917.57 ng/ml



#24 Toxaphene-3

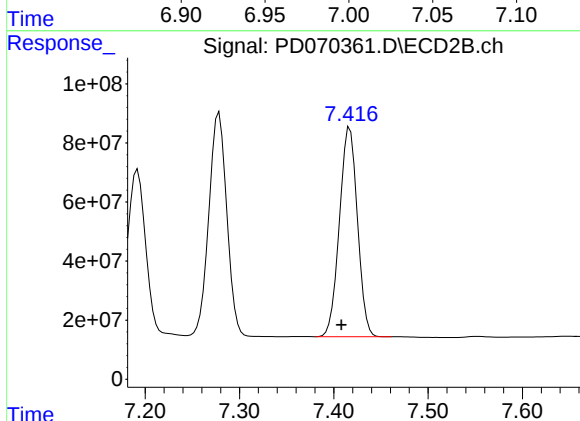
R.T.: 7.278 min  
Delta R.T.: -0.041 min  
Response: 1001310138  
Conc: 3700.85 ng/ml



#25 Toxaphene-4

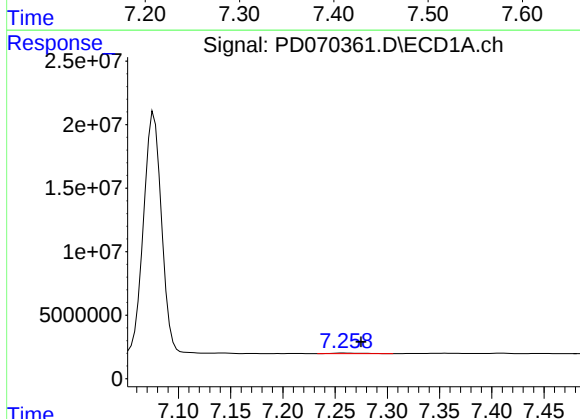
R.T.: 7.001 min  
Delta R.T.: 0.032 min  
Response: 613802  
Conc: 18.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



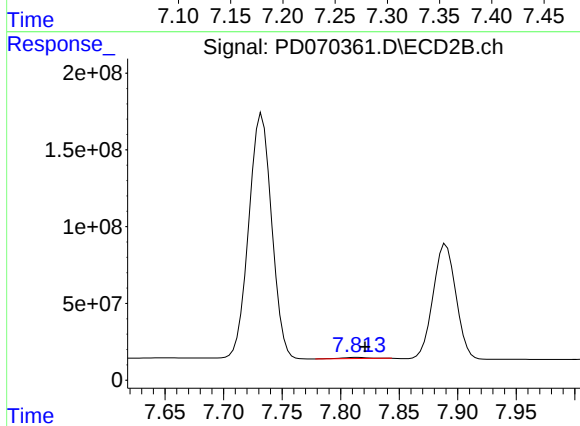
#25 Toxaphene-4

R.T.: 7.417 min  
Delta R.T.: 0.009 min  
Response: 941046312  
Conc: 5870.21 ng/ml



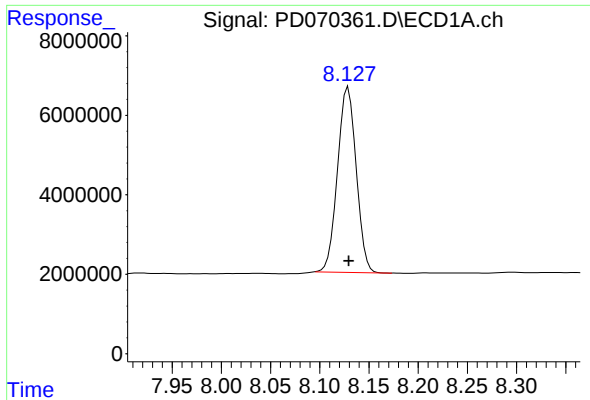
#26 Toxaphene-5

R.T.: 7.259 min  
Delta R.T.: -0.016 min  
Response: 867139  
Conc: 165.71 ng/ml



#26 Toxaphene-5

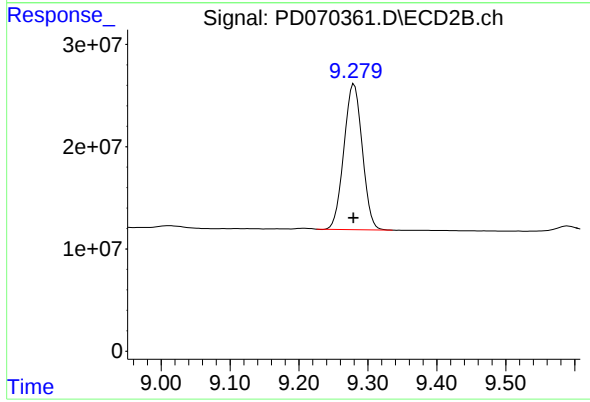
R.T.: 7.815 min  
Delta R.T.: -0.006 min  
Response: 12123184  
Conc: 111.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.129 min  
Delta R.T.: 0.000 min  
Response: 61658818  
Conc: 38.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.280 min  
Delta R.T.: 0.000 min  
Response: 263431189  
Conc: 36.50 ng/ml