

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040323\  
 Data File : PD074574.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2023 16:41  
 Operator : AR\AJ  
 Sample : INDA382  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 22:19:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 14 03:05:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

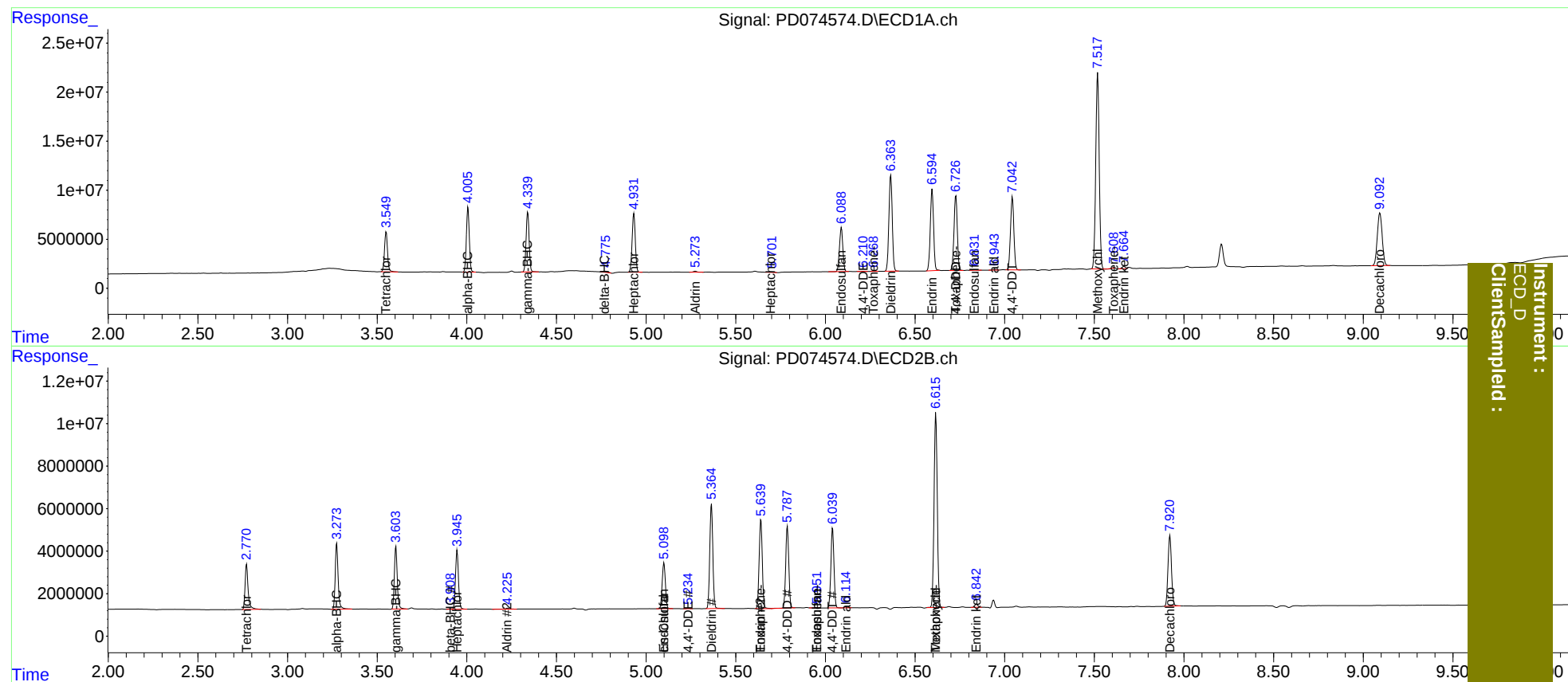
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.550  | 2.772  | 47829459 | 25157310 | 19.252   | 19.996   |
| 27)                         | SA Decachlor... | 9.093  | 7.922  | 101.5E6  | 44938719 | 37.102   | 37.530   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 4.007  | 3.275  | 74409702 | 34992183 | 19.069   | 19.581   |
| 3)                          | MA gamma-BHC... | 4.340  | 3.605  | 71825344 | 32630139 | 19.459   | 19.104   |
| 4)                          | MA Heptachlor   | 4.932  | 3.946  | 73749450 | 31758730 | 19.480   | 19.154   |
| 5)                          | MB Aldrin       | 5.274  | 4.226  | 1313280  | 724216   | 0.359    | 0.423    |
| 6)                          | B beta-BHC      | 0.000  | 3.909  | 0        | 208362   | N.D.     | 0.257    |
| 7)                          | B delta-BHC     | 4.770  | 0.000  | 2364434  | 0        | 0.650    | N.D. #   |
| 8)                          | B Heptachlo...  | 5.696  | 0.000  | 1162321  | 0        | 0.354    | N.D. #   |
| 9)                          | A Endosulfan I  | 6.089  | 5.100  | 58645390 | 26578908 | 19.659   | 18.955   |
| 11)                         | B cis-Chlor...  | 5.997f | 5.100f | -40729   | 26578908 | N.D.     | 16.802   |
| 12)                         | B 4,4'-DDE      | 6.211  | 5.235  | 313414   | 177317   | 0.105    | 0.122    |
| 13)                         | MA Dieldrin     | 6.365  | 5.365  | 127.2E6  | 58671286 | 40.096   | 37.845   |
| 14)                         | MA Endrin       | 6.596  | 5.641  | 104.9E6  | 50725096 | 39.788   | 37.706   |
| 15)                         | B Endosulfa...  | 6.834  | 5.952  | 862555   | 238368   | 0.313    | 0.177 #  |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.788  | 97723230 | 45862316 | 41.350   | 38.952   |
| 17)                         | MA 4,4'-DDT     | 7.043  | 6.040  | 96745271 | 44527456 | 38.553   | 35.543   |
| 18)                         | B Endrin al...  | 6.944  | 6.115  | 954921   | 683813   | 0.424    | 0.622 #  |
| 20)                         | A Methoxychlor  | 7.519  | 6.616  | 270.1E6  | 114.5E6  | 196.747  | 186.158  |
| 21)                         | B Endrin ke...  | 7.665  | 6.843  | 2975606  | 1919240  | 1.004    | 1.261 #  |
| 22)                         | Toxaphene-1     | 6.269  | 0.000  | 165044   | 0        | 7.033    | N.D. #   |
| 23)                         | Toxaphene-2     | 0.000  | 5.641f | 0        | 50725096 | N.D.     | 5400.852 |
| 24)                         | Toxaphene-3     | 6.728f | 5.952  | 97723230 | 238368   | 4643.886 | 22.455 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.616  | 0        | 114.5E6  | N.D.     | 3426.889 |
| 26)                         | Toxaphene-5     | 7.610  | 6.766  | 273147   | -80345   | 6.003    | N.D. #   |
| -----                       |                 |        |        |          |          |          |          |

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

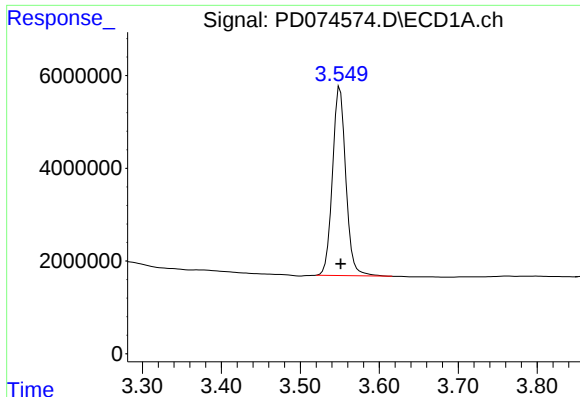
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040323\  
Data File : PD074574.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2023 16:41  
Operator : AR\AJ  
Sample : INDA382  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 22:19:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031323CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 14 03:05:06 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



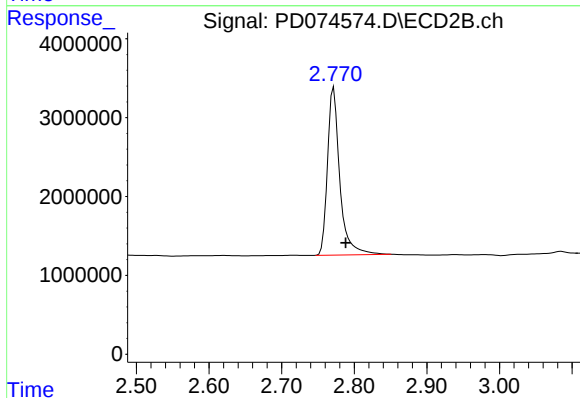
Instrument :  
ECD\_D  
ClientSampled :  
0



#1 Tetrachloro-m-xylene

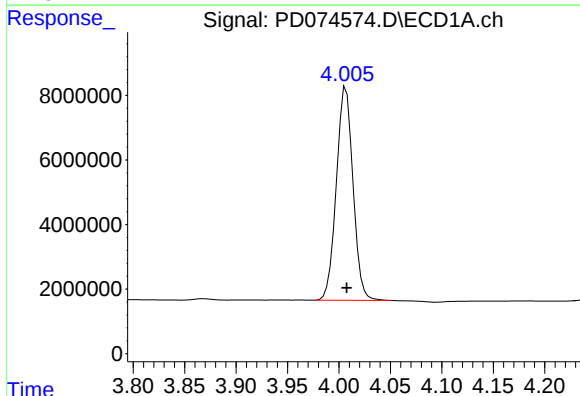
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 47829459  
Conc: 19.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



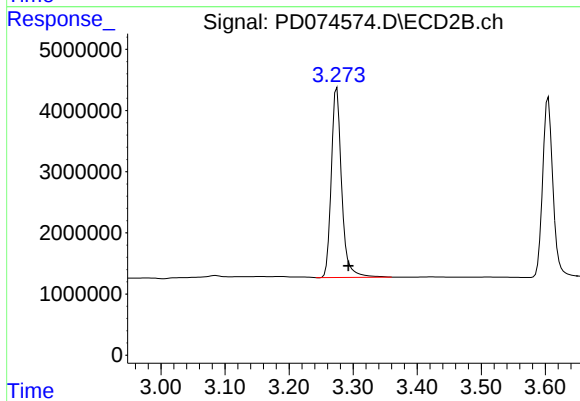
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.017 min  
Response: 25157310  
Conc: 20.00 ng/ml



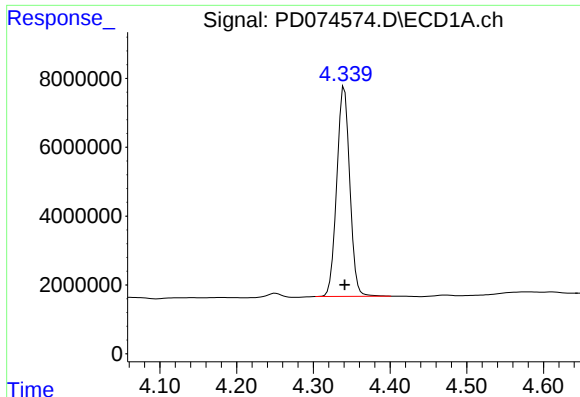
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 74409702  
Conc: 19.07 ng/ml



#2 alpha-BHC

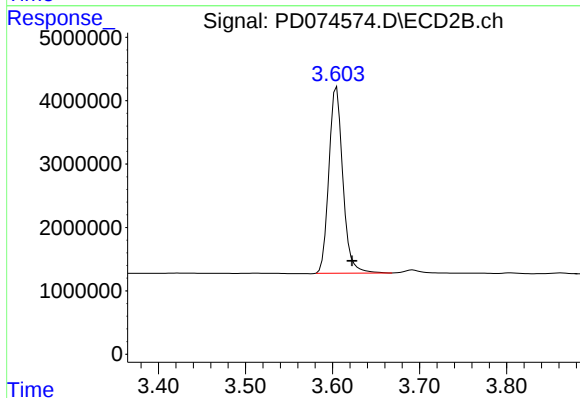
R.T.: 3.275 min  
Delta R.T.: -0.018 min  
Response: 34992183  
Conc: 19.58 ng/ml



#3 gamma-BHC (Lindane)

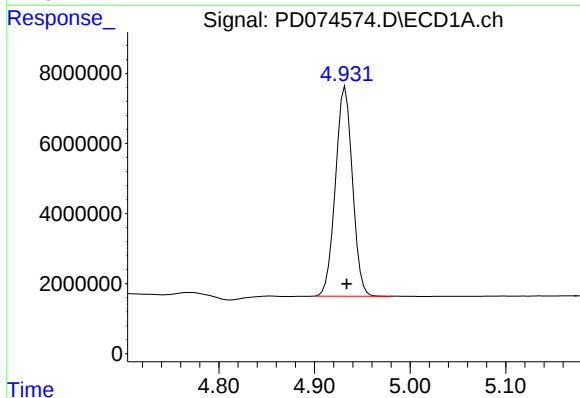
R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 71825344  
Conc: 19.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



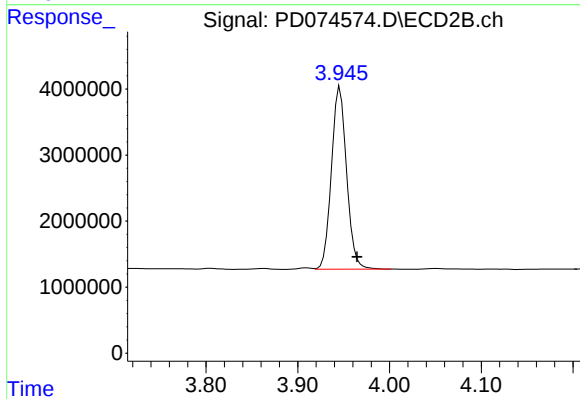
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.018 min  
Response: 32630139  
Conc: 19.10 ng/ml



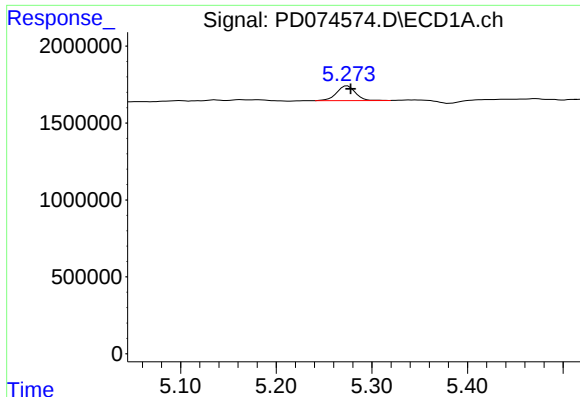
#4 Heptachlor

R.T.: 4.932 min  
Delta R.T.: -0.001 min  
Response: 73749450  
Conc: 19.48 ng/ml



#4 Heptachlor

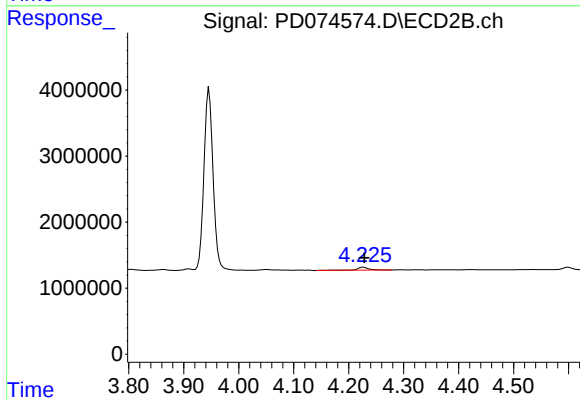
R.T.: 3.946 min  
Delta R.T.: -0.018 min  
Response: 31758730  
Conc: 19.15 ng/ml



#5 Aldrin

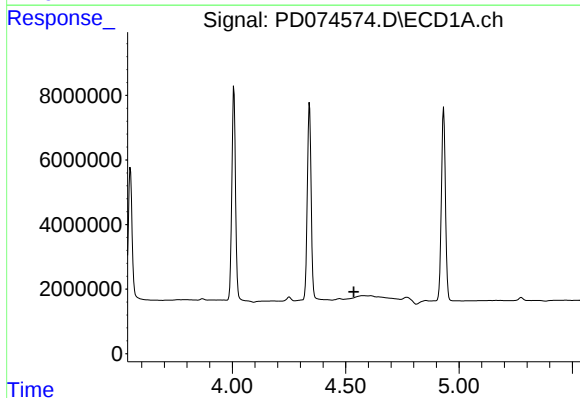
R.T.: 5.274 min  
Delta R.T.: -0.004 min  
Response: 1313280  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



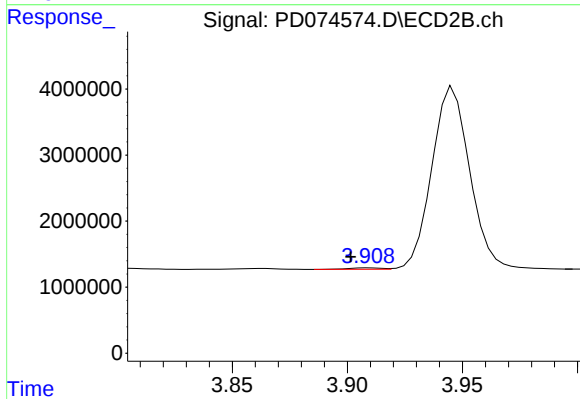
#5 Aldrin

R.T.: 4.226 min  
Delta R.T.: -0.002 min  
Response: 724216  
Conc: 0.42 ng/ml



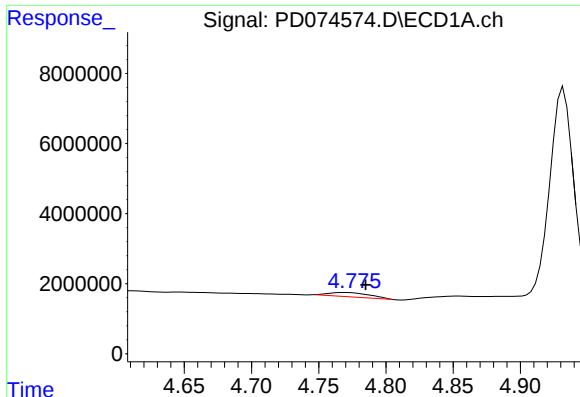
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.536 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

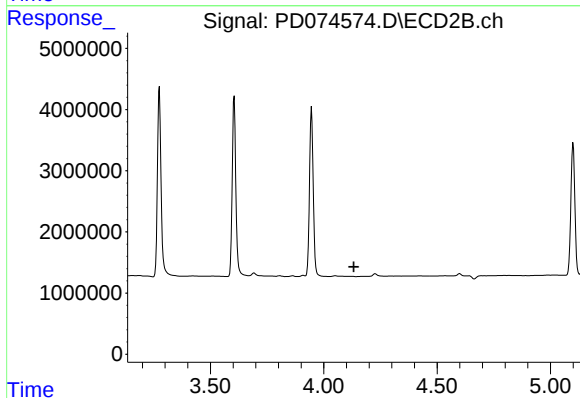
R.T.: 3.909 min  
Delta R.T.: 0.008 min  
Response: 208362  
Conc: 0.26 ng/ml



#7 delta-BHC

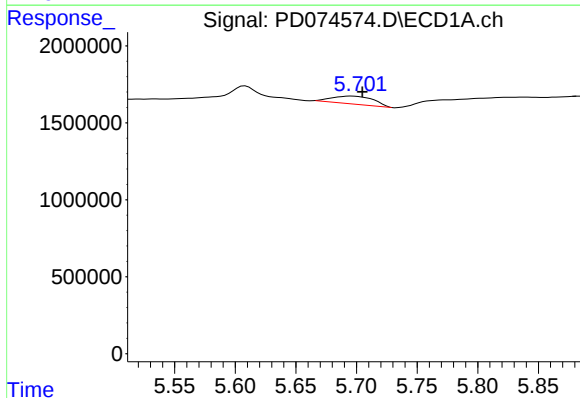
R.T.: 4.770 min  
Delta R.T.: -0.015 min  
Response: 2364434  
Conc: 0.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



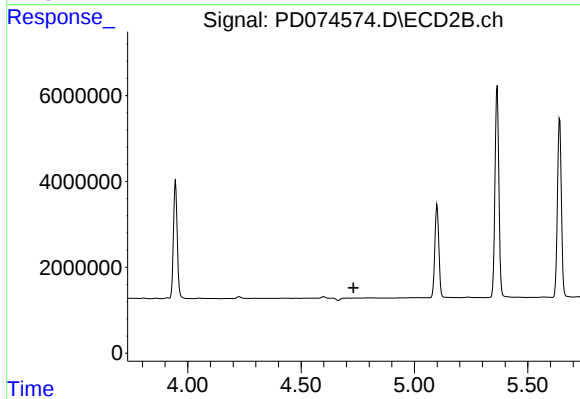
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.133 min  
Response: 0  
Conc: N.D.



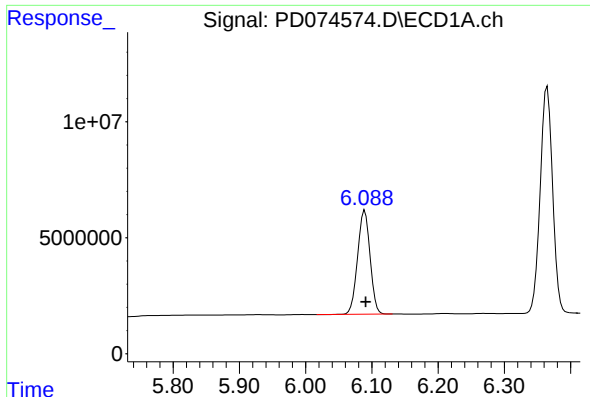
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: -0.009 min  
Response: 1162321  
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

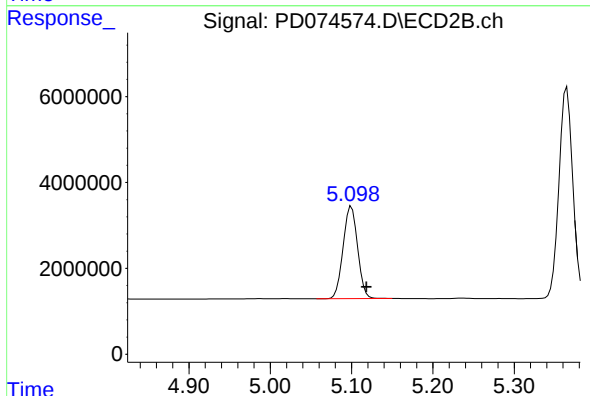
R.T.: 0.000 min  
Exp R.T. : 4.732 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

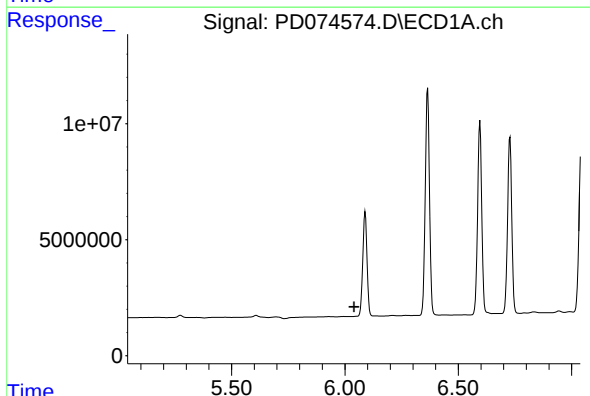
R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 58645390  
Conc: 19.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



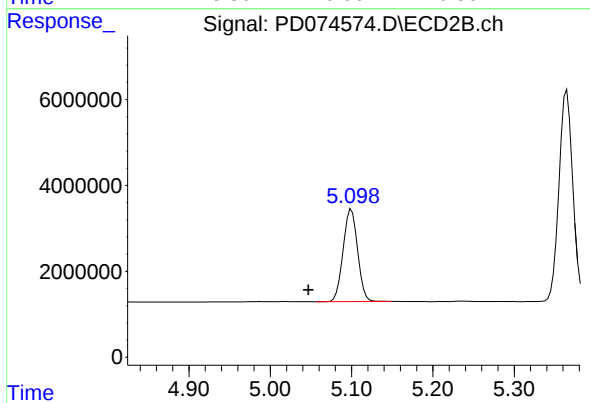
#9 Endosulfan I

R.T.: 5.100 min  
Delta R.T.: -0.019 min  
Response: 26578908  
Conc: 18.96 ng/ml



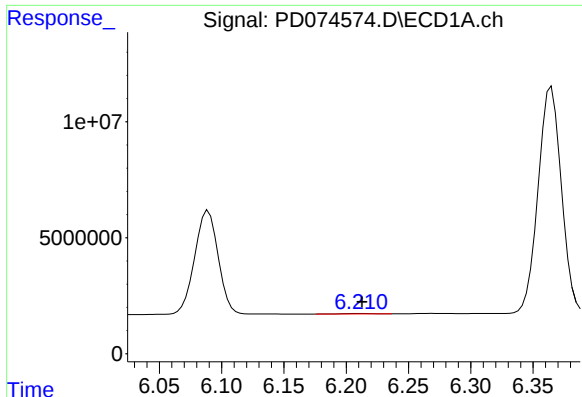
#11 cis-Chlordane

R.T.: 5.997 min  
Delta R.T.: -0.044 min  
Response: -40729  
Conc: N.D.



#11 cis-Chlordane

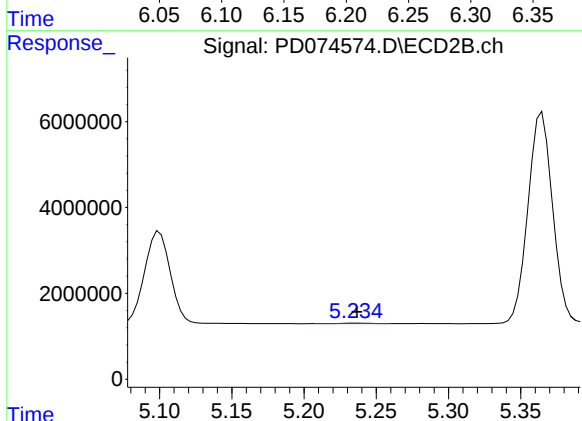
R.T.: 5.100 min  
Delta R.T.: 0.053 min  
Response: 26578908  
Conc: 16.80 ng/ml



#12 4,4'-DDE

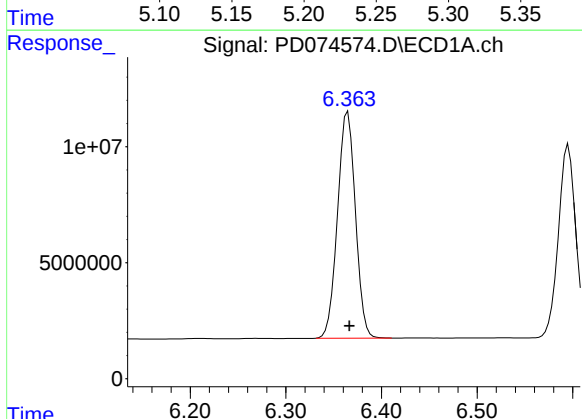
R.T.: 6.211 min  
Delta R.T.: -0.002 min  
Response: 313414  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



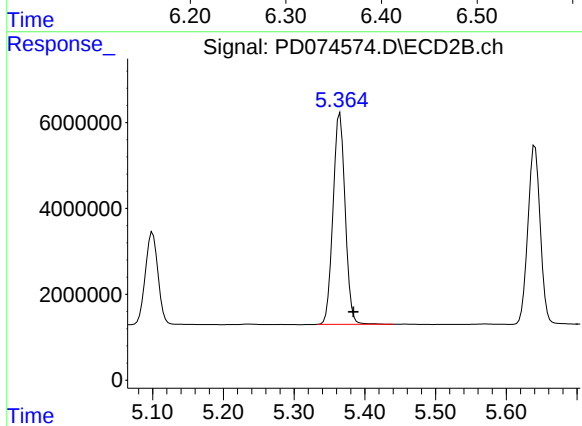
#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: -0.002 min  
Response: 177317  
Conc: 0.12 ng/ml



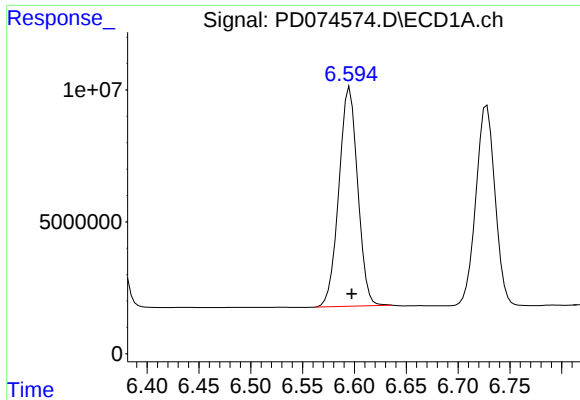
#13 Dieldrin

R.T.: 6.365 min  
Delta R.T.: -0.002 min  
Response: 127198634  
Conc: 40.10 ng/ml



#13 Dieldrin

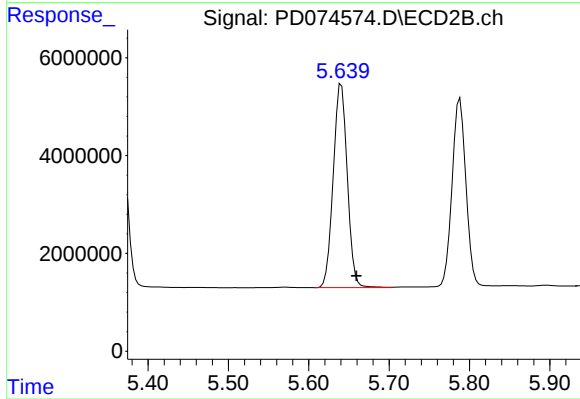
R.T.: 5.365 min  
Delta R.T.: -0.019 min  
Response: 58671286  
Conc: 37.85 ng/ml



#14 Endrin

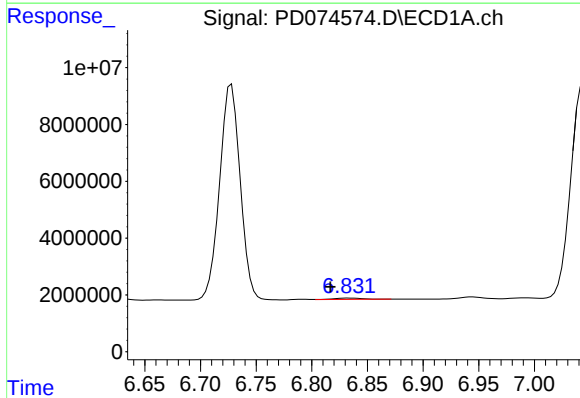
R.T.: 6.596 min  
Delta R.T.: -0.002 min  
Response: 104853267  
Conc: 39.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



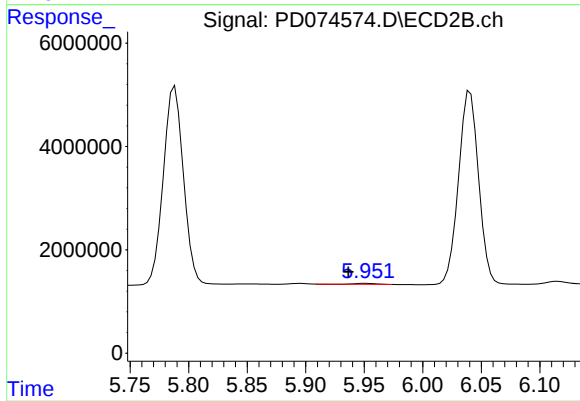
#14 Endrin

R.T.: 5.641 min  
Delta R.T.: -0.019 min  
Response: 50725096  
Conc: 37.71 ng/ml



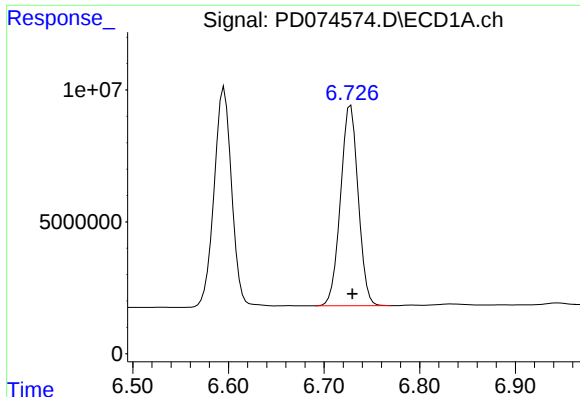
#15 Endosulfan II

R.T.: 6.834 min  
Delta R.T.: 0.017 min  
Response: 862555  
Conc: 0.31 ng/ml



#15 Endosulfan II

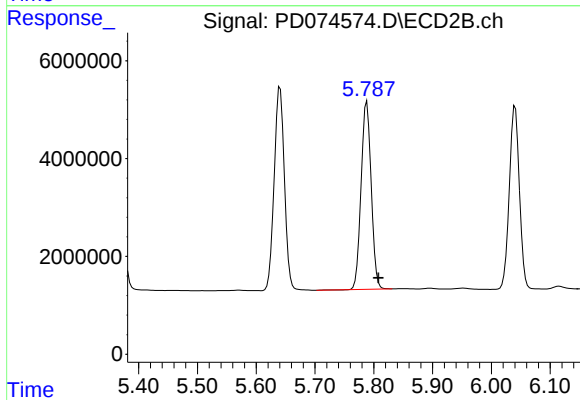
R.T.: 5.952 min  
Delta R.T.: 0.016 min  
Response: 238368  
Conc: 0.18 ng/ml



#16 4,4'-DDD

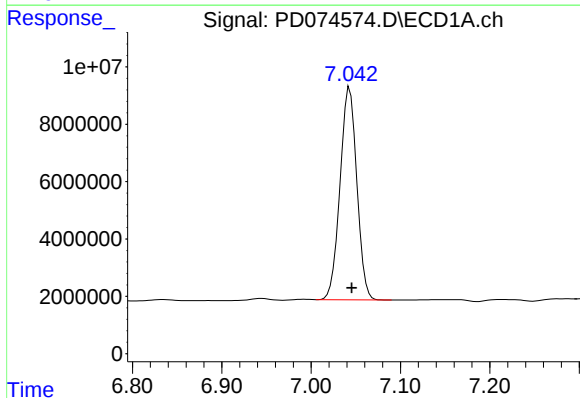
R.T.: 6.728 min  
Delta R.T.: -0.002 min  
Response: 97723230  
Conc: 41.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



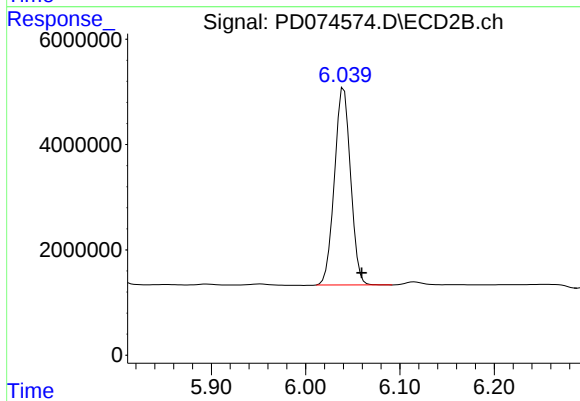
#16 4,4'-DDD

R.T.: 5.788 min  
Delta R.T.: -0.019 min  
Response: 45862316  
Conc: 38.95 ng/ml



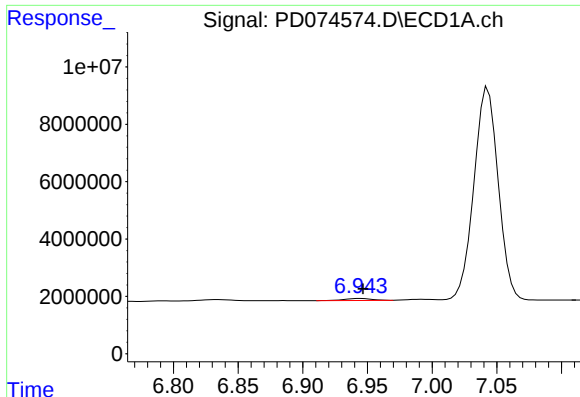
#17 4,4'-DDT

R.T.: 7.043 min  
Delta R.T.: -0.002 min  
Response: 96745271  
Conc: 38.55 ng/ml



#17 4,4'-DDT

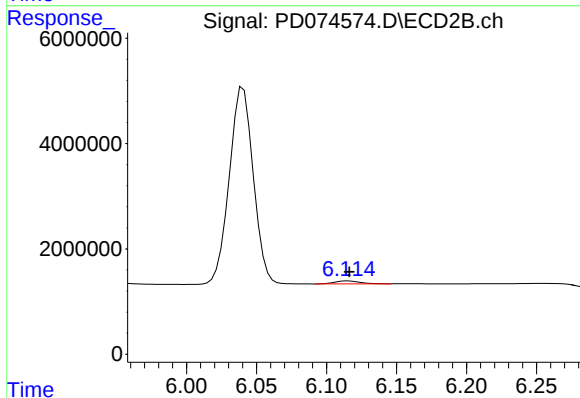
R.T.: 6.040 min  
Delta R.T.: -0.019 min  
Response: 44527456  
Conc: 35.54 ng/ml



#18 Endrin aldehyde

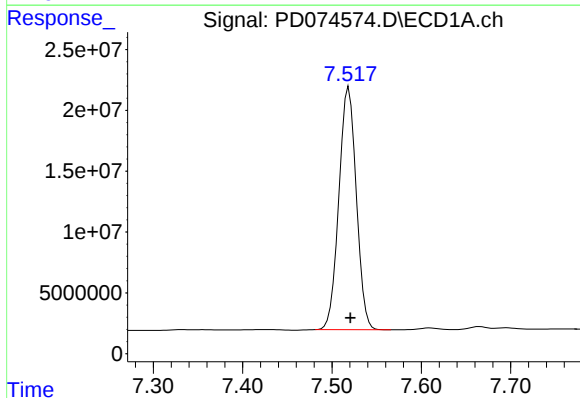
R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 954921  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



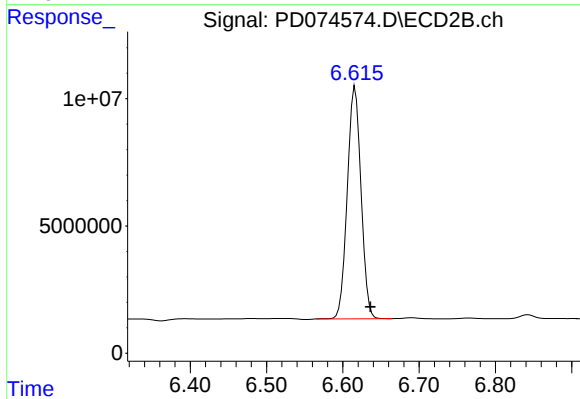
#18 Endrin aldehyde

R.T.: 6.115 min  
Delta R.T.: -0.001 min  
Response: 683813  
Conc: 0.62 ng/ml



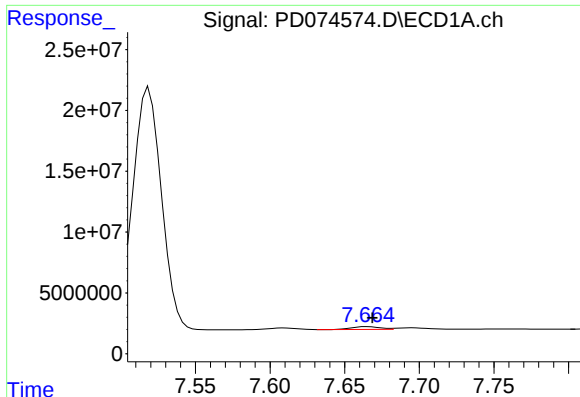
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.002 min  
Response: 270109396  
Conc: 196.75 ng/ml



#20 Methoxychlor

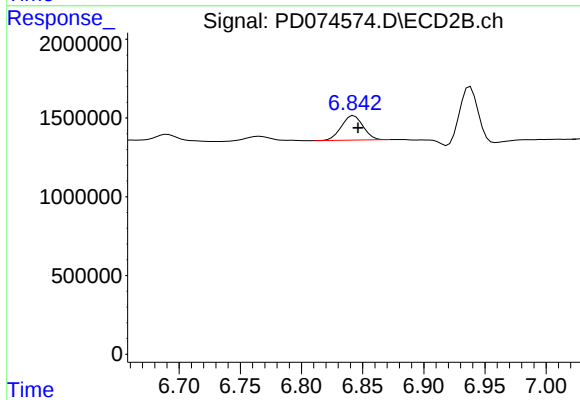
R.T.: 6.616 min  
Delta R.T.: -0.020 min  
Response: 114502348  
Conc: 186.16 ng/ml



#21 Endrin ketone

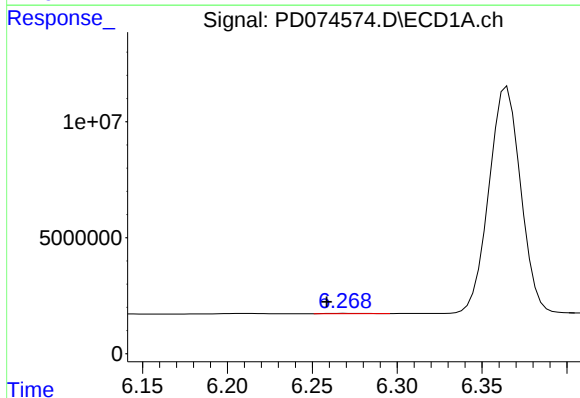
R.T.: 7.665 min  
Delta R.T.: -0.003 min  
Response: 2975606  
Conc: 1.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



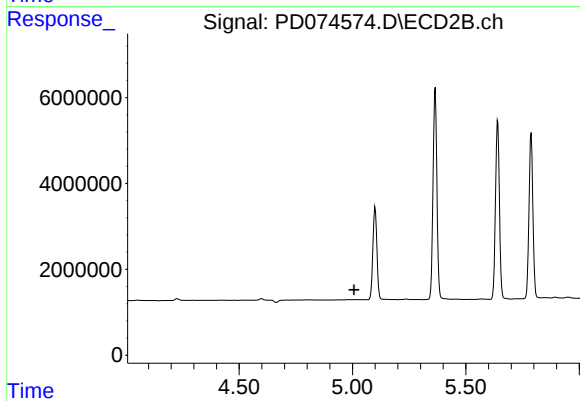
#21 Endrin ketone

R.T.: 6.843 min  
Delta R.T.: -0.003 min  
Response: 1919240  
Conc: 1.26 ng/ml



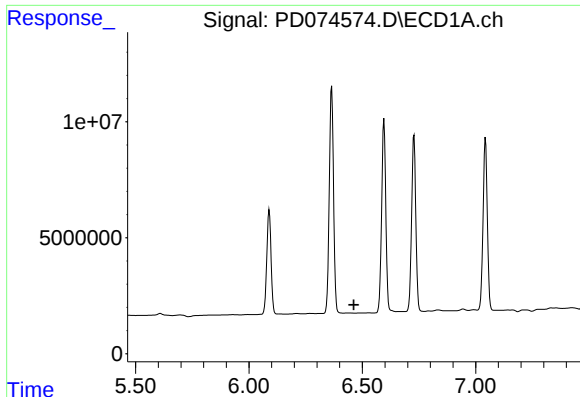
#22 Toxaphene-1

R.T.: 6.269 min  
Delta R.T.: 0.011 min  
Response: 165044  
Conc: 7.03 ng/ml



#22 Toxaphene-1

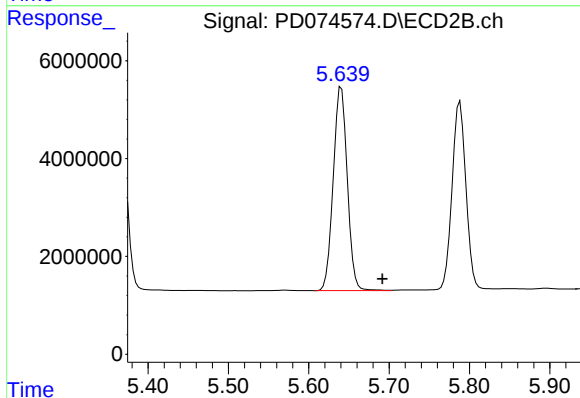
R.T.: 0.000 min  
Exp R.T. : 5.007 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

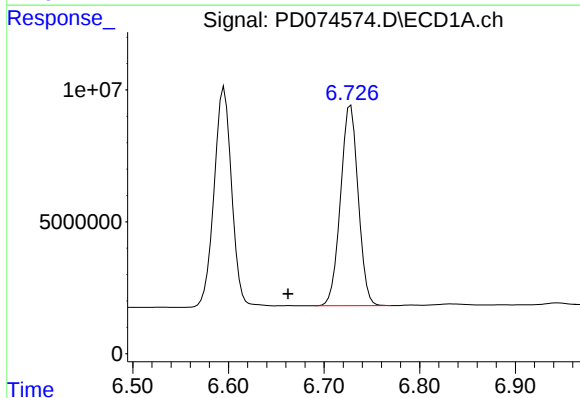
R.T.: 0.000 min  
Exp R.T.: 6.463 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



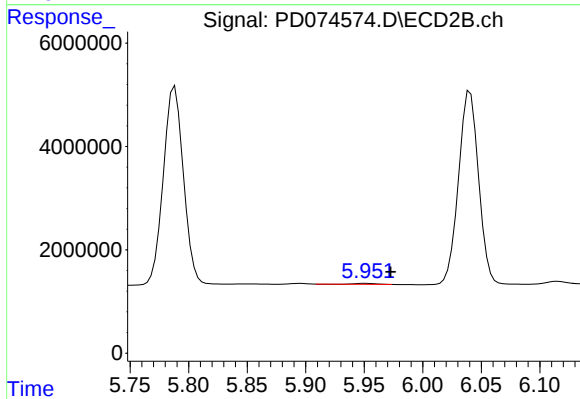
#23 Toxaphene-2

R.T.: 5.641 min  
Delta R.T.: -0.051 min  
Response: 50725096  
Conc: 5400.85 ng/ml



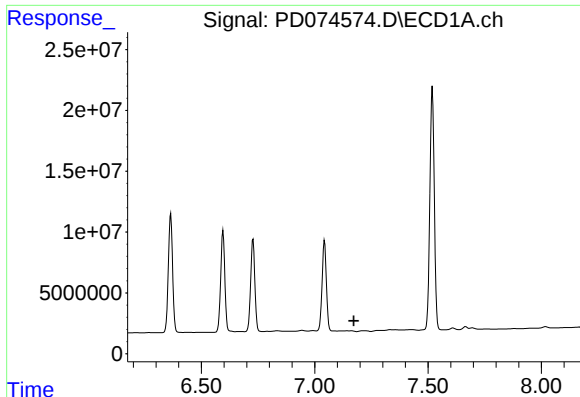
#24 Toxaphene-3

R.T.: 6.728 min  
Delta R.T.: 0.066 min  
Response: 97723230  
Conc: 4643.89 ng/ml



#24 Toxaphene-3

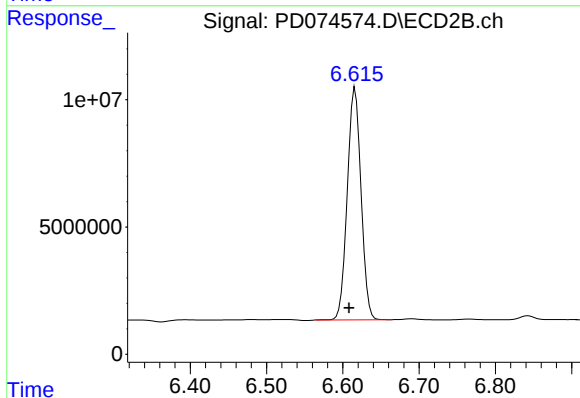
R.T.: 5.952 min  
Delta R.T.: -0.020 min  
Response: 238368  
Conc: 22.45 ng/ml



#25 Toxaphene-4

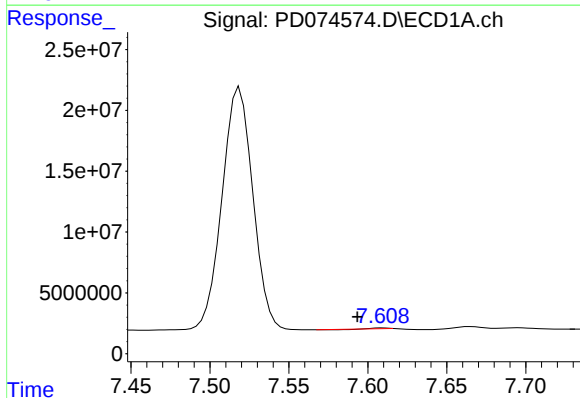
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



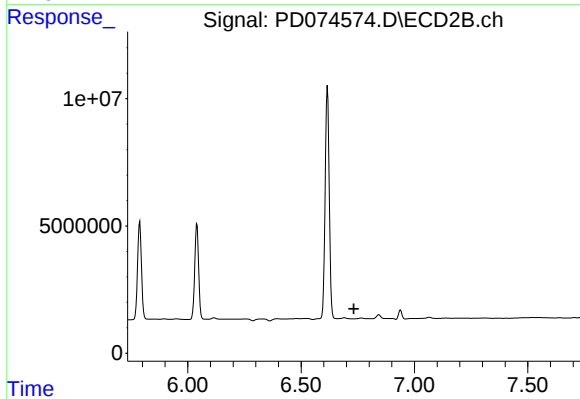
#25 Toxaphene-4

R.T.: 6.616 min  
Delta R.T.: 0.008 min  
Response: 114502348  
Conc: 3426.89 ng/ml



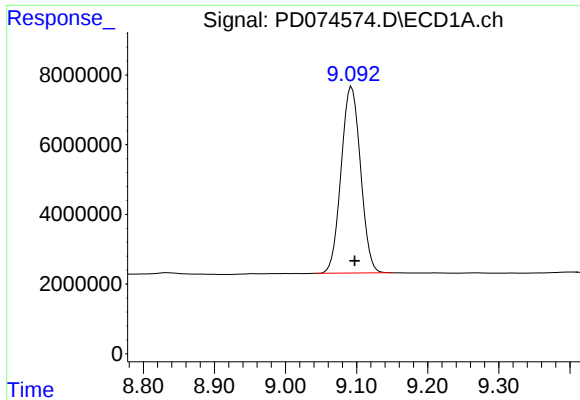
#26 Toxaphene-5

R.T.: 7.610 min  
Delta R.T.: 0.017 min  
Response: 273147  
Conc: 6.00 ng/ml



#26 Toxaphene-5

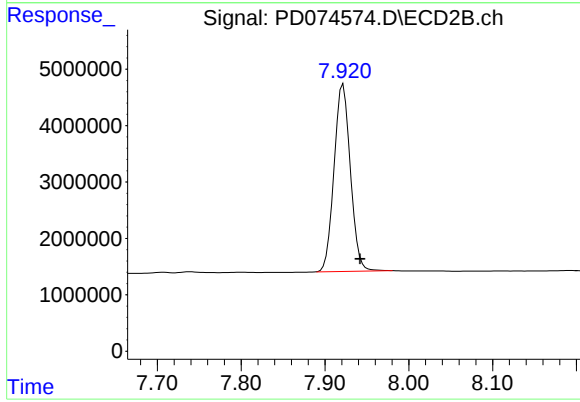
R.T.: 6.766 min  
Delta R.T.: 0.034 min  
Response: -80345  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.004 min  
Response: 101546954  
Conc: 37.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.020 min  
Response: 44938719  
Conc: 37.53 ng/ml