

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071622\  
 Data File : PD070954.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2022 21:53  
 Operator : AR\AJ  
 Sample : INSA305  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 22:26:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 14 05:14:58 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

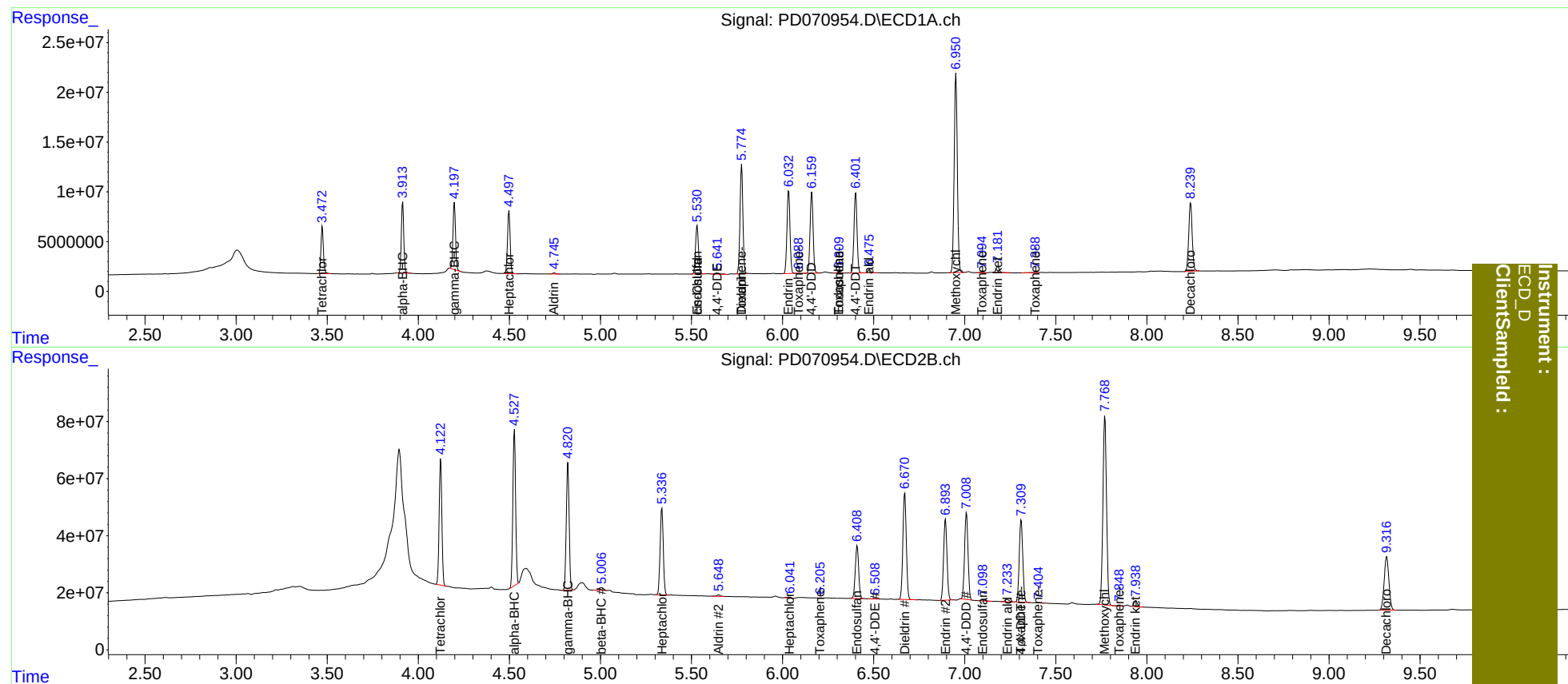
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.473  | 4.123  | 44122677 | 455.8E6  | 18.338   | 19.420     |
| 27)                         | SA Decachlor... | 8.240  | 9.317  | 91293802 | 338.0E6  | 35.959   | 36.593     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.914  | 4.528  | 66664456 | 574.4E6  | 17.771   | 19.029     |
| 3)                          | MA gamma-BHC... | 4.198  | 4.822  | 64366391 | 487.1E6  | 17.681   | 18.824     |
| 4)                          | MA Heptachlor   | 4.498  | 5.338  | 63418078 | 365.1E6  | 18.201   | 18.218     |
| 5)                          | MB Aldrin       | 4.747  | 5.649  | 1122951  | 6465217  | 0.311    | 0.371      |
| 6)                          | B beta-BHC      | 0.000  | 5.007  | 0        | 16851212 | N.D.     | 1.260      |
| 7)                          | B delta-BHC     | 0.000  | 5.215  | 0        | 688960   | N.D.     | <MDL       |
| 8)                          | B Heptachlo...  | 0.000  | 6.038  | 0        | 5799463  | N.D.     | 0.391      |
| 9)                          | A Endosulfan I  | 5.531  | 6.410  | 54093029 | 237.4E6  | 17.944   | 17.905     |
| 10)                         | B trans-Chl...  | 5.418  | 6.241f | 301419   | 818306   | <MDL     | <MDL #     |
| 11)                         | B cis-Chlor...  | 5.531f | 6.360  | 54093029 | 218843   | 15.828   | <MDL #     |
| 12)                         | B 4,4'-DDE      | 5.643  | 6.509  | 1535258  | 1598572  | 0.477    | 0.117 #    |
| 13)                         | MA Dieldrin     | 5.776  | 6.671  | 120.3E6  | 489.2E6  | 35.925   | 35.330     |
| 14)                         | MA Endrin       | 6.034  | 6.894  | 95820027 | 367.2E6  | 34.564   | 35.172     |
| 15)                         | B Endosulfa...  | 6.310  | 7.098  | 961248   | 5953239  | 0.351    | 0.517 #    |
| 16)                         | A 4,4'-DDD      | 6.160  | 7.010  | 94266625 | 398.4E6  | 36.195   | 36.425     |
| 17)                         | MA 4,4'-DDT     | 6.402  | 7.310  | 93358978 | 389.6E6  | 34.893   | 34.810     |
| 18)                         | B Endrin al...  | 6.476  | 7.234  | 3723313  | 12818172 | 1.625    | 1.318      |
| 19)                         | B Endosulfa...  | 0.000  | 7.403f | 0        | 848659   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 6.952  | 7.770  | 241.2E6  | 914.3E6  | 174.423  | 174.754    |
| 21)                         | B Endrin ke...  | 7.182  | 7.939  | 7504352  | 27495606 | 2.421    | 2.227      |
| 22)                         | Toxaphene-1     | 5.776f | 6.206  | 120.3E6  | 326433   | 7765.037 | 7.753 #    |
| 23)                         | Toxaphene-2     | 6.089  | 6.579  | 87024    | -163142  | 5.665    | N.D. #     |
| 24)                         | Toxaphene-3     | 6.310  | 7.310f | 961248   | 389.6E6  | 57.545   | 1473.209 # |
| 25)                         | Toxaphene-4     | 7.096  | 7.403f | 979579   | 848659   | 13.965   | 4.013 #    |
| 26)                         | Toxaphene-5     | 7.391  | 7.849  | 394116   | 3438462  | 10.806   | 27.944 #   |
| -----                       |                 |        |        |          |          |          |            |

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

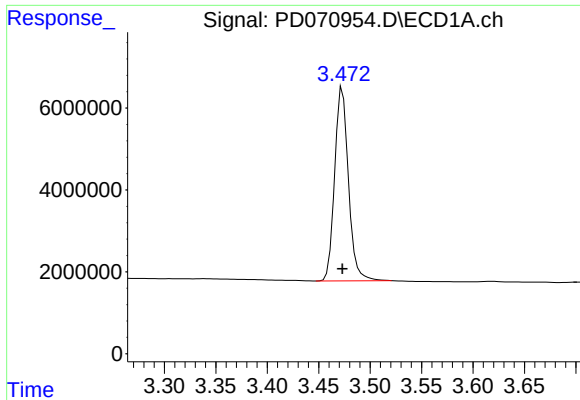
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071622\  
Data File : PD070954.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2022 21:53  
Operator : AR\AJ  
Sample : INSA305  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 22:26:10 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071422CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 14 05:14:58 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



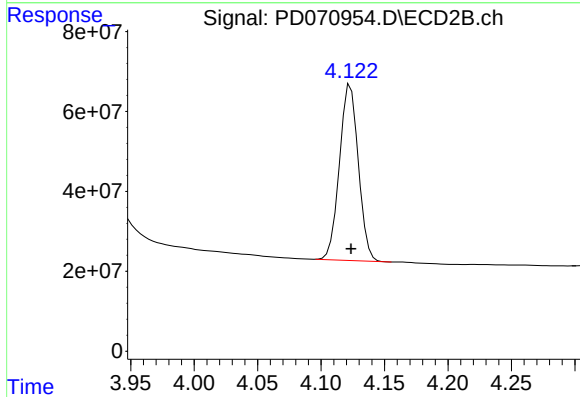
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

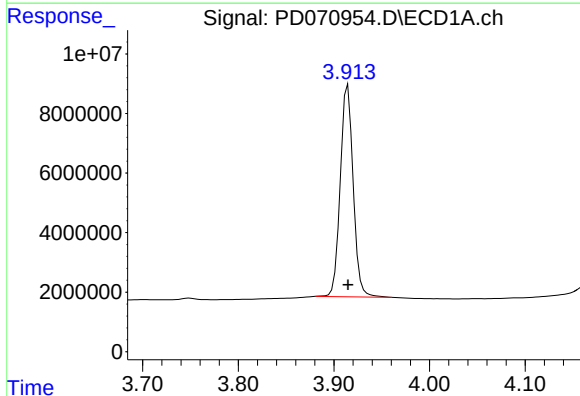
R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 44122677  
Conc: 18.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



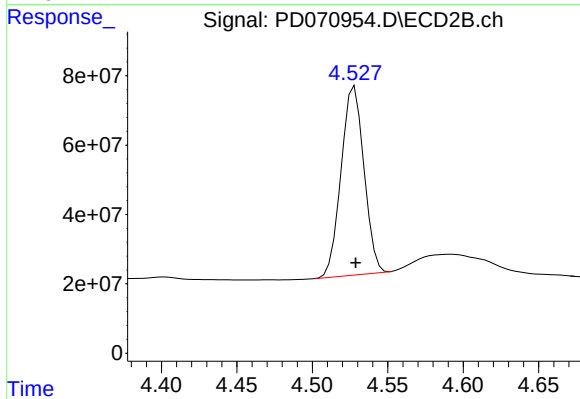
#1 Tetrachloro-m-xylene

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 455761737  
Conc: 19.42 ng/ml



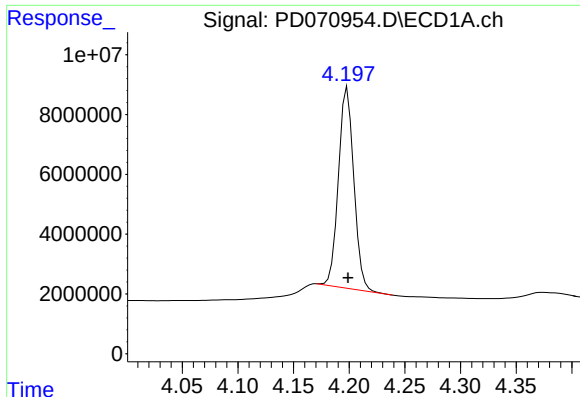
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: 0.000 min  
Response: 66664456  
Conc: 17.77 ng/ml



#2 alpha-BHC

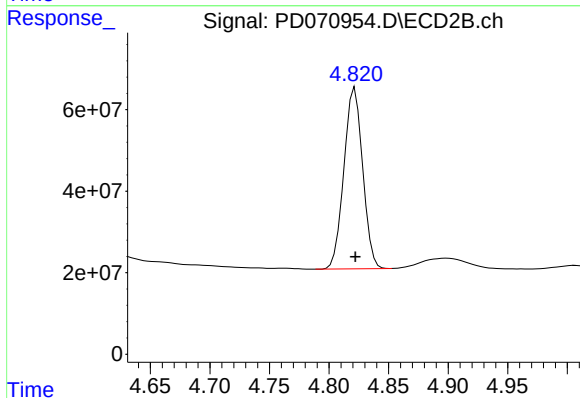
R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 574350153  
Conc: 19.03 ng/ml



#3 gamma-BHC (Lindane)

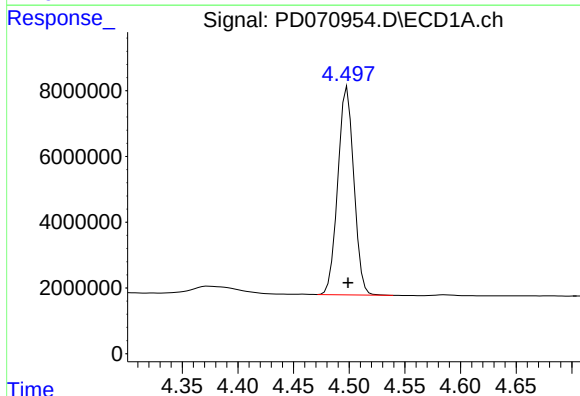
R.T.: 4.198 min  
Delta R.T.: 0.000 min  
Response: 64366391  
Conc: 17.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



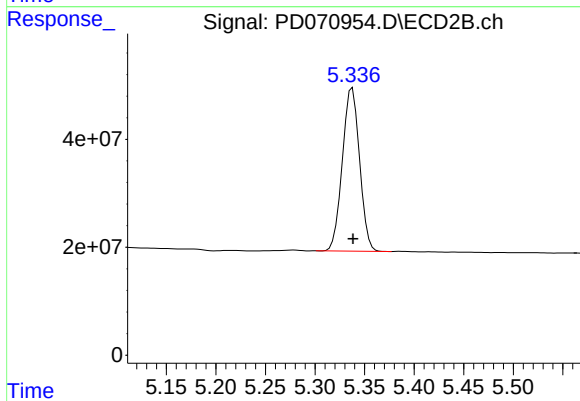
#3 gamma-BHC (Lindane)

R.T.: 4.822 min  
Delta R.T.: 0.000 min  
Response: 487139942  
Conc: 18.82 ng/ml



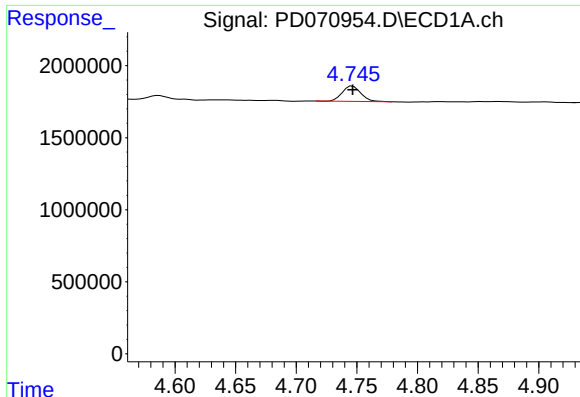
#4 Heptachlor

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 63418078  
Conc: 18.20 ng/ml



#4 Heptachlor

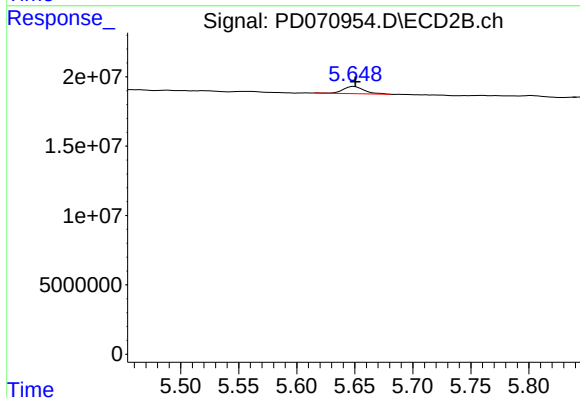
R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 365123410  
Conc: 18.22 ng/ml



#5 Aldrin

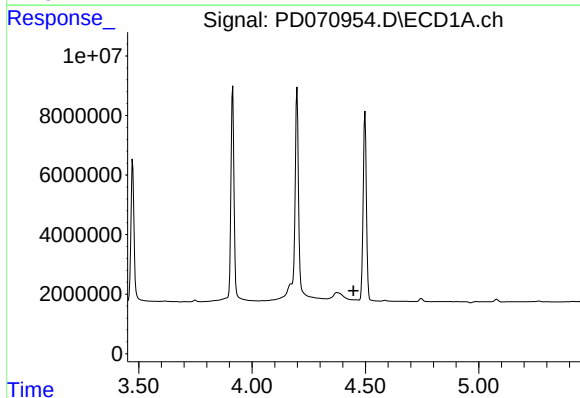
R.T.: 4.747 min  
Delta R.T.: 0.000 min  
Response: 1122951  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



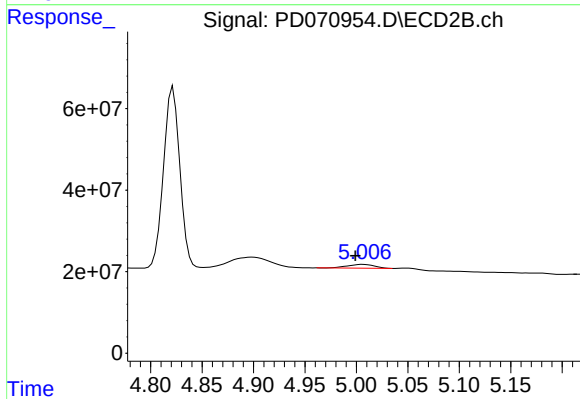
#5 Aldrin

R.T.: 5.649 min  
Delta R.T.: -0.001 min  
Response: 6465217  
Conc: 0.37 ng/ml



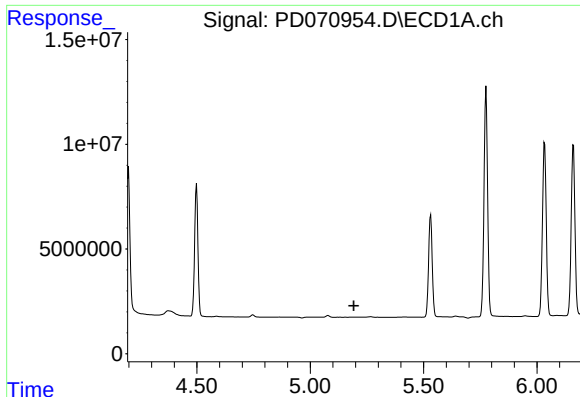
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.448 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

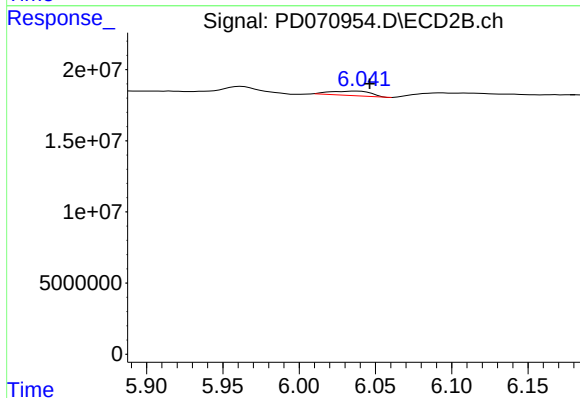
R.T.: 5.007 min  
Delta R.T.: 0.008 min  
Response: 16851212  
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

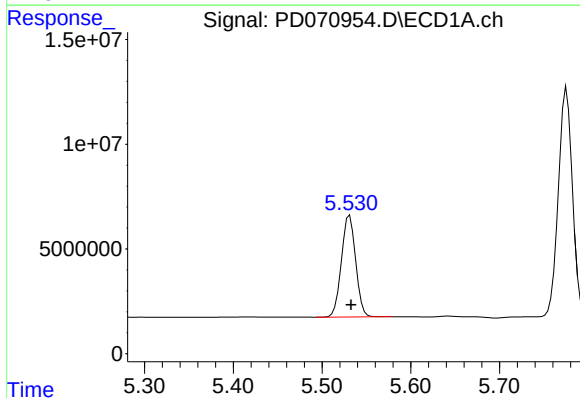
R.T.: 0.000 min  
Exp R.T.: 5.193 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



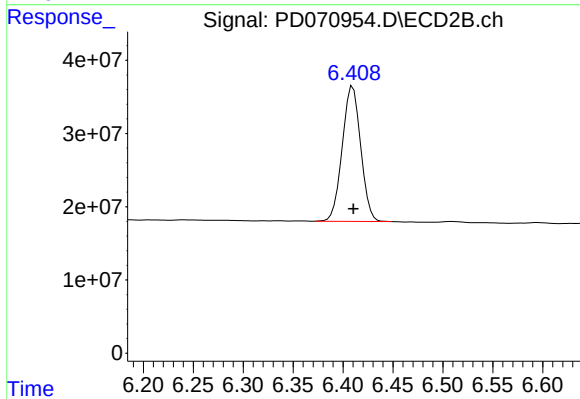
#8 Heptachlor epoxide

R.T.: 6.038 min  
Delta R.T.: -0.008 min  
Response: 5799463  
Conc: 0.39 ng/ml



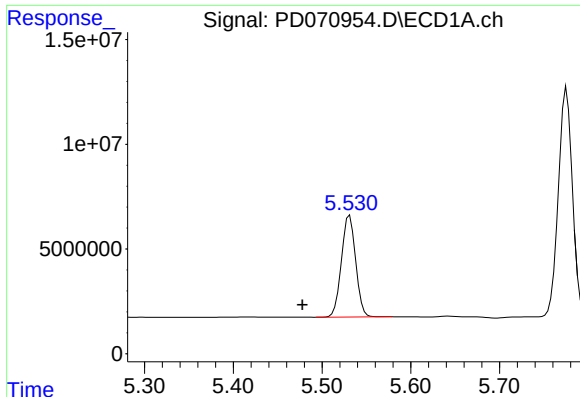
#9 Endosulfan I

R.T.: 5.531 min  
Delta R.T.: -0.001 min  
Response: 54093029  
Conc: 17.94 ng/ml



#9 Endosulfan I

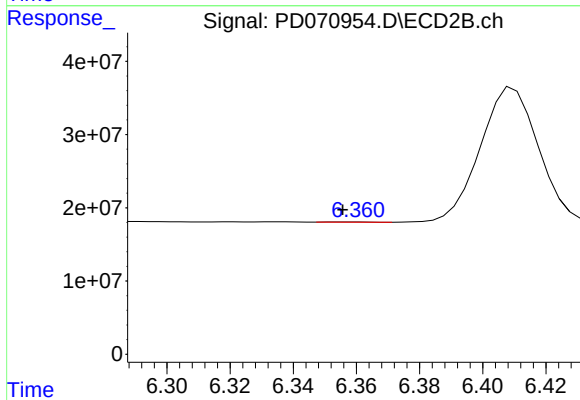
R.T.: 6.410 min  
Delta R.T.: 0.000 min  
Response: 237437483  
Conc: 17.91 ng/ml



#11 cis-Chlordane

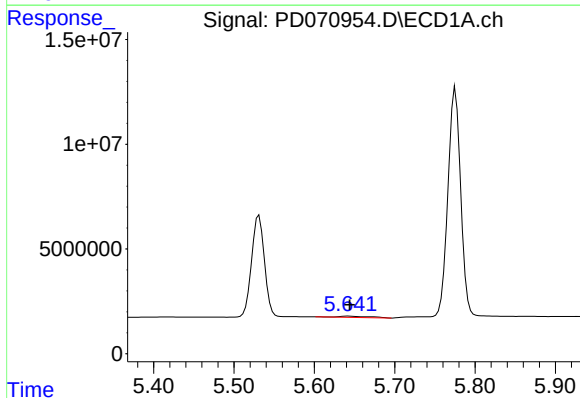
R.T.: 5.531 min  
Delta R.T.: 0.053 min  
Response: 54093029  
Conc: 15.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



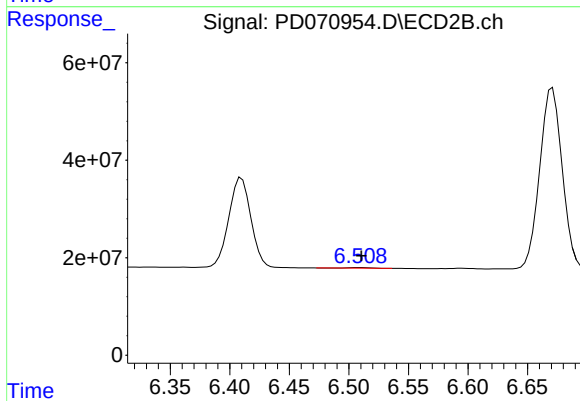
#11 cis-Chlordane

R.T.: 6.360 min  
Delta R.T.: 0.005 min  
Response: 218843  
Conc: N.D.



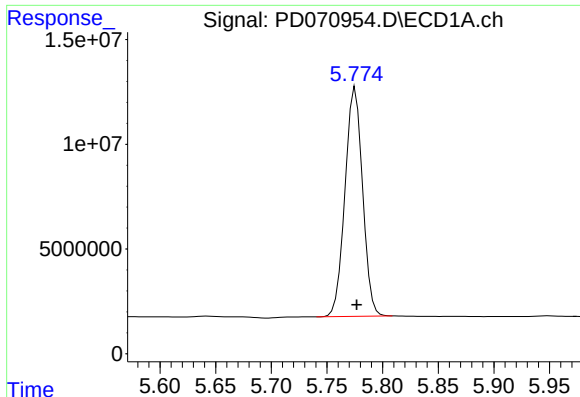
#12 4,4'-DDE

R.T.: 5.643 min  
Delta R.T.: -0.001 min  
Response: 1535258  
Conc: 0.48 ng/ml



#12 4,4'-DDE

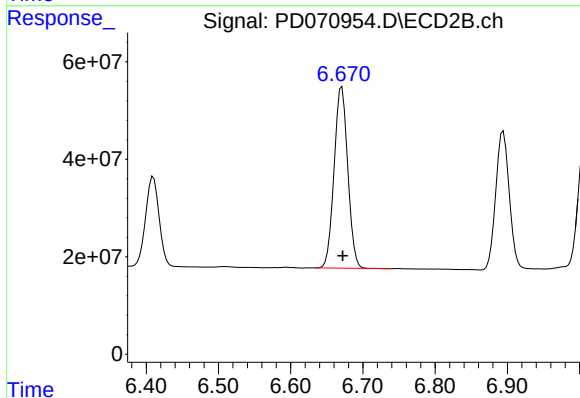
R.T.: 6.509 min  
Delta R.T.: -0.002 min  
Response: 1598572  
Conc: 0.12 ng/ml



#13 Dieldrin

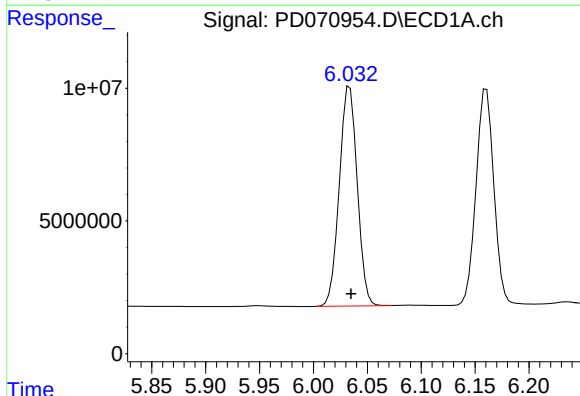
R.T.: 5.776 min  
Delta R.T.: -0.001 min  
Response: 120304080  
Conc: 35.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



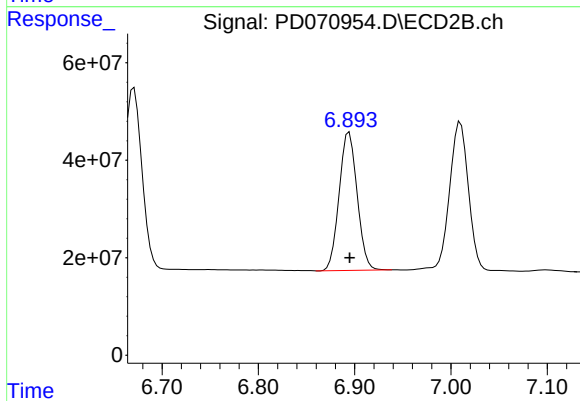
#13 Dieldrin

R.T.: 6.671 min  
Delta R.T.: -0.001 min  
Response: 489226506  
Conc: 35.33 ng/ml



#14 Endrin

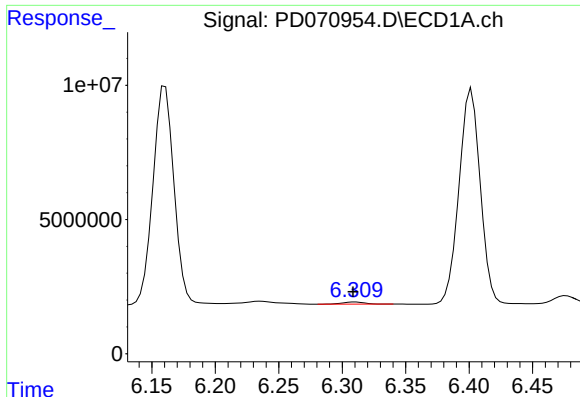
R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 95820027  
Conc: 34.56 ng/ml



#14 Endrin

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 367242692  
Conc: 35.17 ng/ml

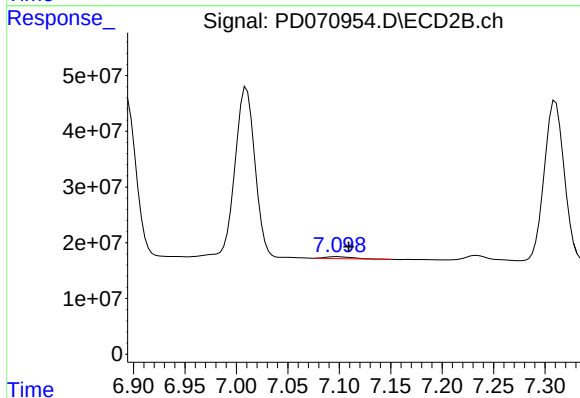




#15 Endosulfan II

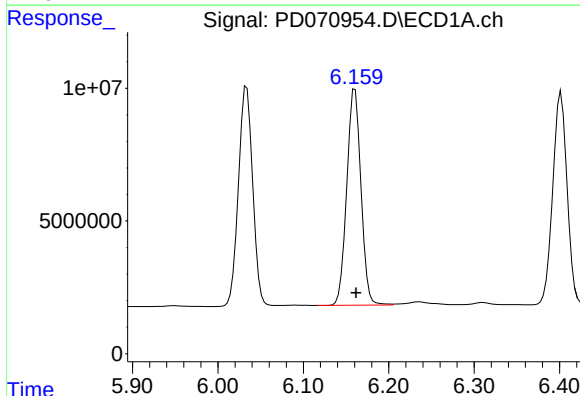
R.T.: 6.310 min  
Delta R.T.: 0.002 min  
Response: 961248  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



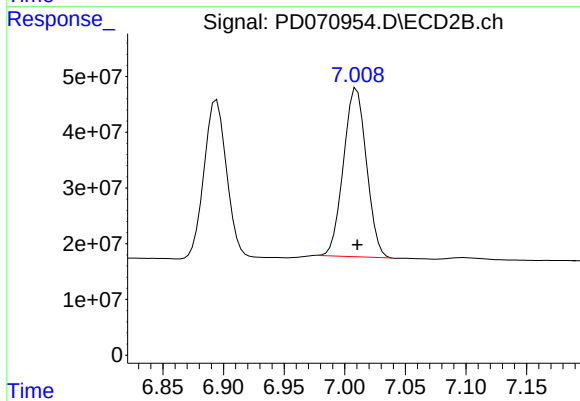
#15 Endosulfan II

R.T.: 7.098 min  
Delta R.T.: -0.011 min  
Response: 5953239  
Conc: 0.52 ng/ml



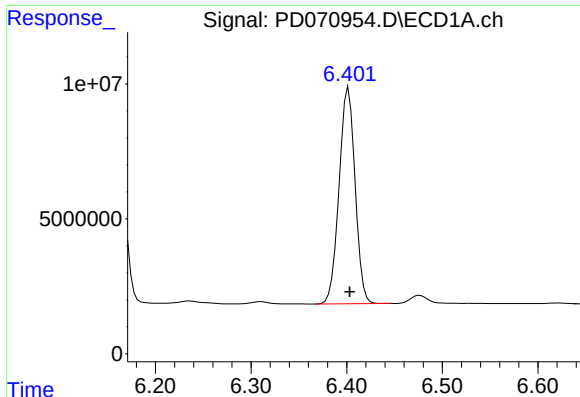
#16 4,4'-DDD

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 94266625  
Conc: 36.20 ng/ml



#16 4,4'-DDD

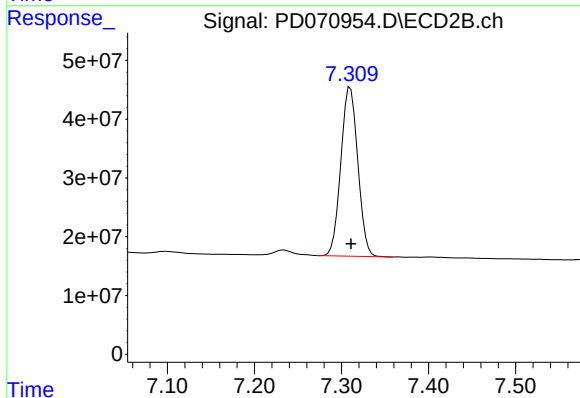
R.T.: 7.010 min  
Delta R.T.: 0.000 min  
Response: 398371706  
Conc: 36.43 ng/ml



#17 4,4'-DDT

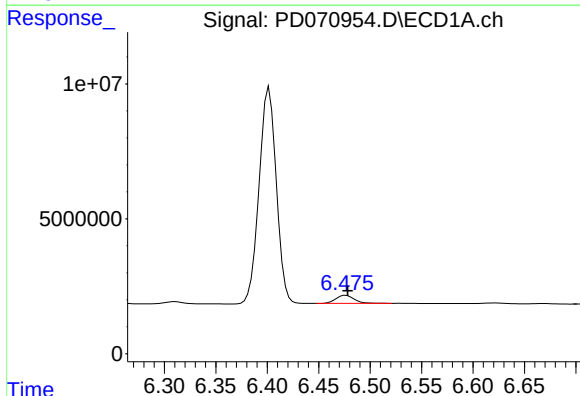
R.T.: 6.402 min  
Delta R.T.: -0.001 min  
Response: 93358978  
Conc: 34.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



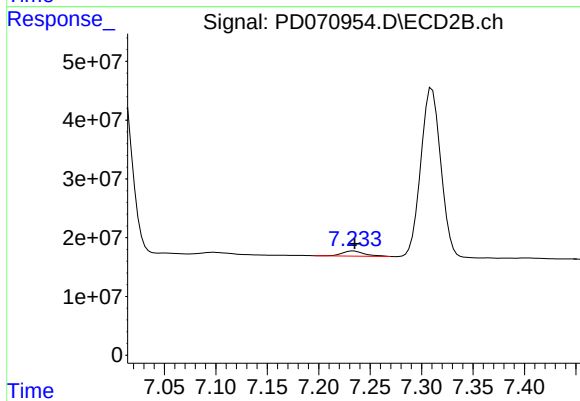
#17 4,4'-DDT

R.T.: 7.310 min  
Delta R.T.: 0.000 min  
Response: 389565104  
Conc: 34.81 ng/ml



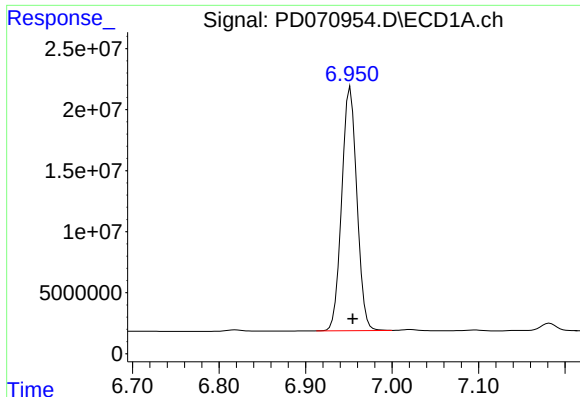
#18 Endrin aldehyde

R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 3723313  
Conc: 1.63 ng/ml



#18 Endrin aldehyde

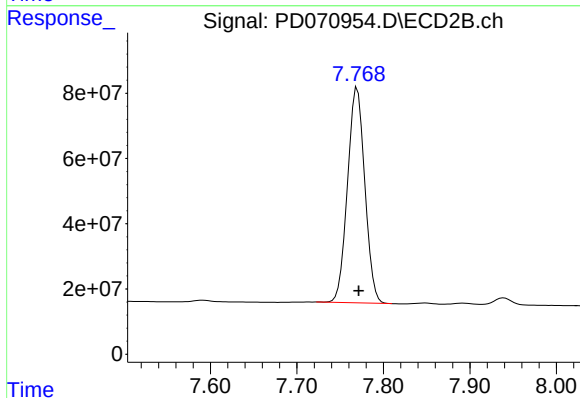
R.T.: 7.234 min  
Delta R.T.: -0.001 min  
Response: 12818172  
Conc: 1.32 ng/ml



#20 Methoxychlor

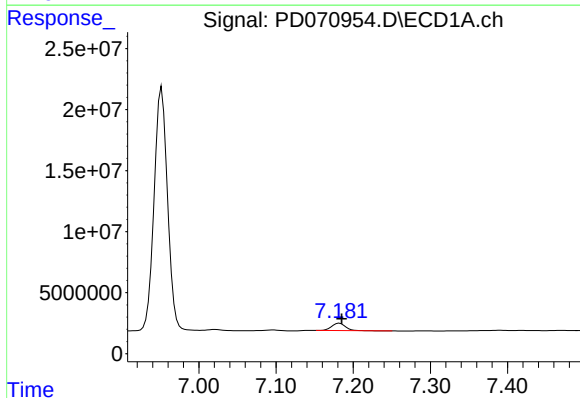
R.T.: 6.952 min  
Delta R.T.: -0.003 min  
Response: 241190045  
Conc: 174.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



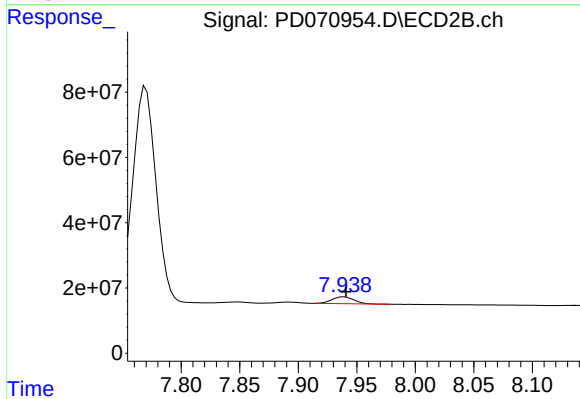
#20 Methoxychlor

R.T.: 7.770 min  
Delta R.T.: -0.002 min  
Response: 914321169  
Conc: 174.75 ng/ml



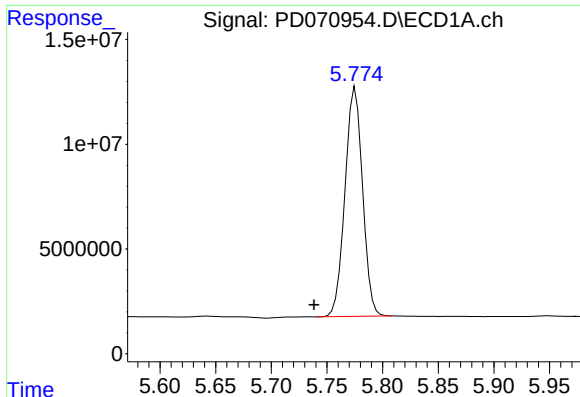
#21 Endrin ketone

R.T.: 7.182 min  
Delta R.T.: -0.003 min  
Response: 7504352  
Conc: 2.42 ng/ml



#21 Endrin ketone

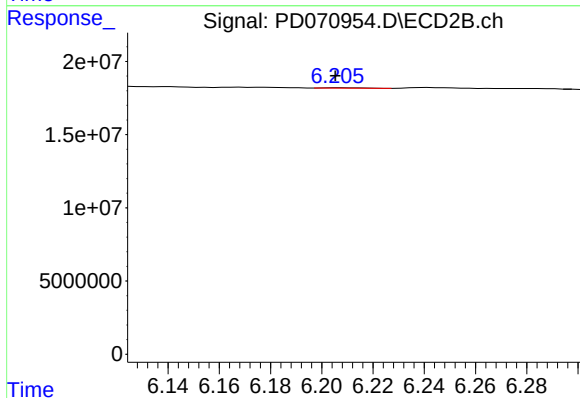
R.T.: 7.939 min  
Delta R.T.: -0.002 min  
Response: 27495606  
Conc: 2.23 ng/ml



#22 Toxaphene-1

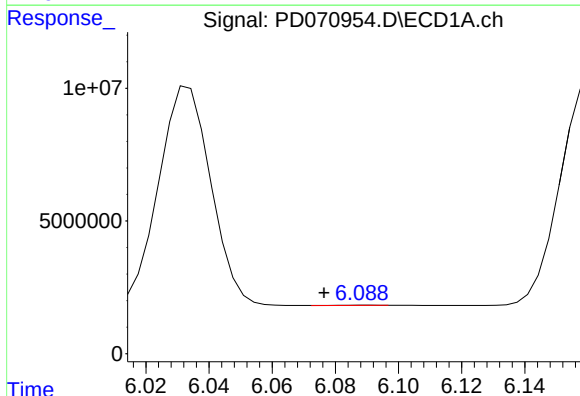
R.T.: 5.776 min  
Delta R.T.: 0.037 min  
Response: 120304080  
Conc: 7765.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



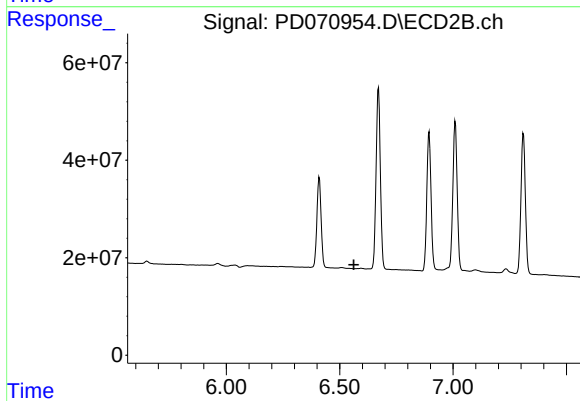
#22 Toxaphene-1

R.T.: 6.206 min  
Delta R.T.: 0.001 min  
Response: 326433  
Conc: 7.75 ng/ml



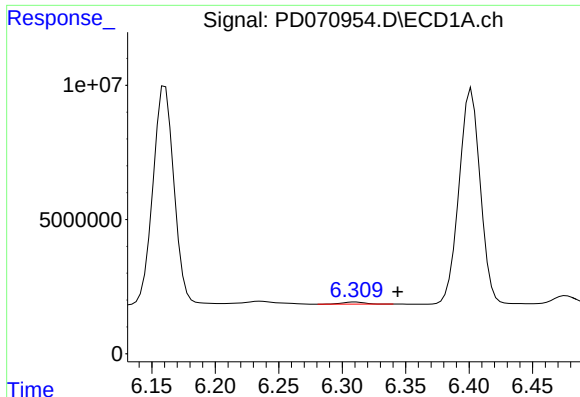
#23 Toxaphene-2

R.T.: 6.089 min  
Delta R.T.: 0.013 min  
Response: 87024  
Conc: 5.67 ng/ml



#23 Toxaphene-2

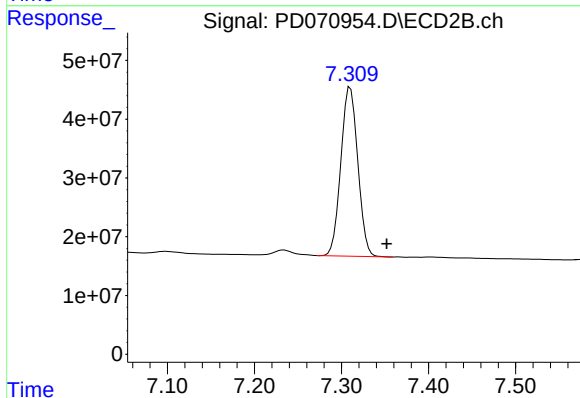
R.T.: 6.579 min  
Delta R.T.: 0.016 min  
Response: -163142  
Conc: N.D.



#24 Toxaphene-3

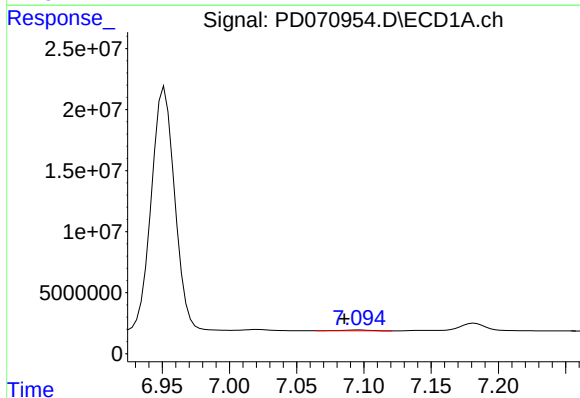
R.T.: 6.310 min  
Delta R.T.: -0.033 min  
Response: 961248  
Conc: 57.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



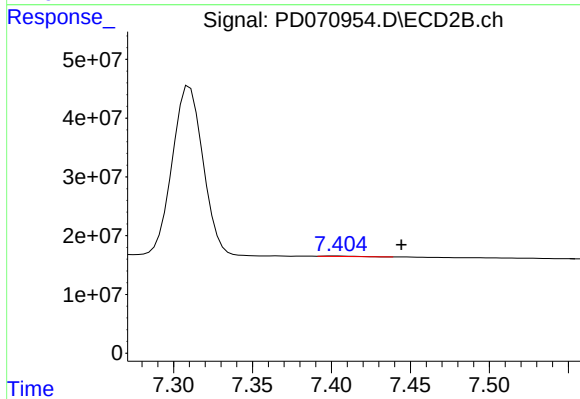
#24 Toxaphene-3

R.T.: 7.310 min  
Delta R.T.: -0.042 min  
Response: 389565104  
Conc: 1473.21 ng/ml



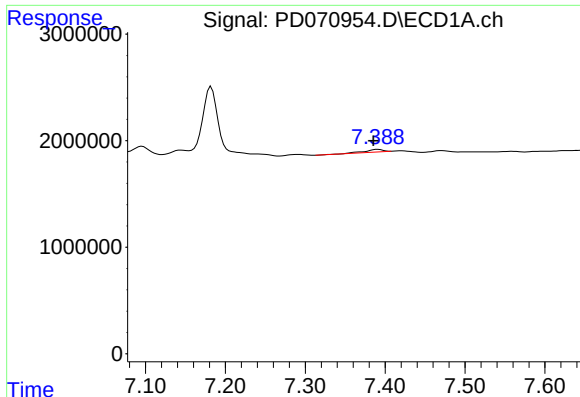
#25 Toxaphene-4

R.T.: 7.096 min  
Delta R.T.: 0.010 min  
Response: 979579  
Conc: 13.97 ng/ml



#25 Toxaphene-4

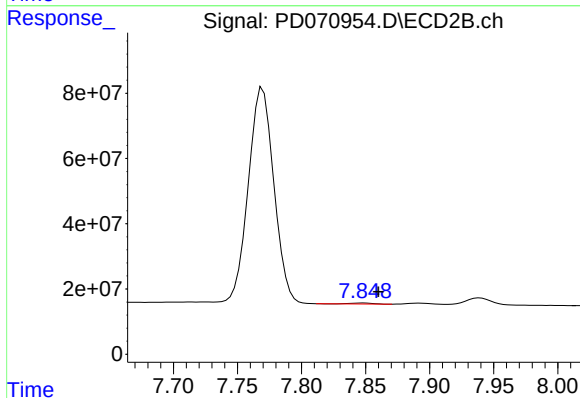
R.T.: 7.403 min  
Delta R.T.: -0.042 min  
Response: 848659  
Conc: 4.01 ng/ml



#26 Toxaphene-5

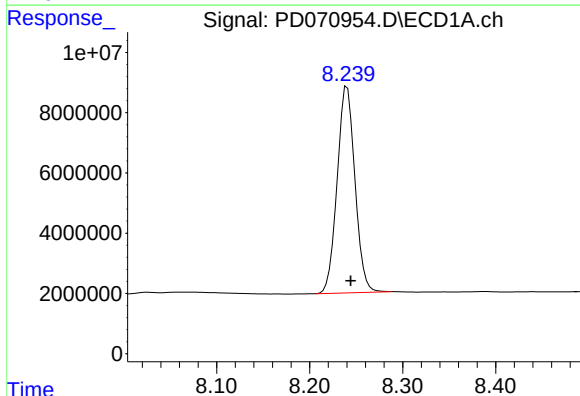
R.T.: 7.391 min  
Delta R.T.: 0.005 min  
Response: 394116  
Conc: 10.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



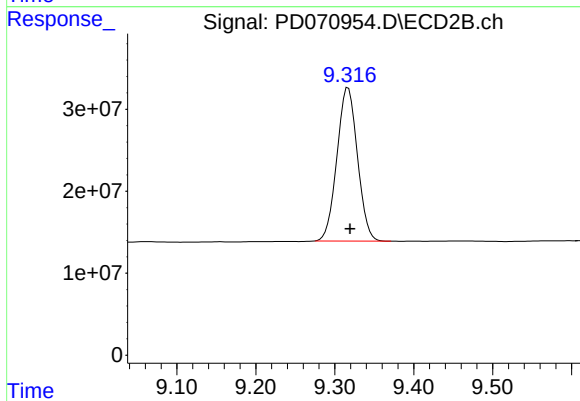
#26 Toxaphene-5

R.T.: 7.849 min  
Delta R.T.: -0.011 min  
Response: 3438462  
Conc: 27.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.240 min  
Delta R.T.: -0.004 min  
Response: 91293802  
Conc: 35.96 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.317 min  
Delta R.T.: -0.002 min  
Response: 337958193  
Conc: 36.59 ng/ml