

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071822\  
 Data File : PD070967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2022 17:15  
 Operator : AR\AJ  
 Sample : N3710-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 03:03:01 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

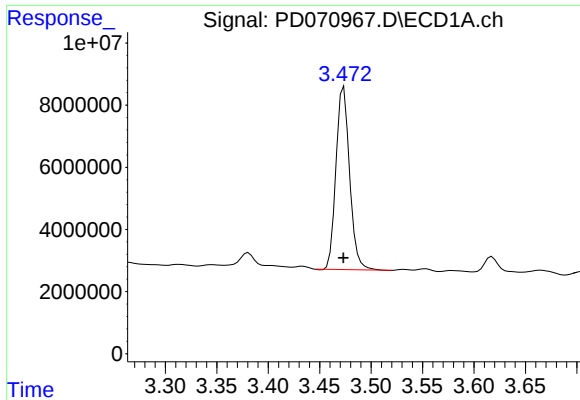
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.473  | 4.124  | 54179434 | 578.6E6  | 22.517  | 24.653    |
| 27)                         | SA Decachlor... | 8.243  | 9.320  | 95834249 | 311.9E6  | 37.747  | 33.767    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.900  | 4.497f | 5401367  | 2844917  | 1.440   | <MDL #    |
| 3)                          | MA gamma-BHC... | 4.209  | 4.813  | 4385034  | 1726423  | 1.205   | <MDL #    |
| 5)                          | MB Aldrin       | 4.764  | 5.669  | 1554242  | -731166  | 0.430   | N.D. #    |
| 6)                          | B beta-BHC      | 4.435  | 4.996  | 2466135  | 2948811  | 1.574   | 0.220 #   |
| 7)                          | B delta-BHC     | 4.683f | 5.231  | 188370   | 1218861  | <MDL    | <MDL #    |
| 8)                          | B Heptachlo...  | 0.000  | 6.023  | 0        | 599380   | N.D.    | <MDL      |
| 9)                          | A Endosulfan I  | 5.587f | 6.428  | 226436   | 2607730  | <MDL    | 0.197 #   |
| 10)                         | B trans-Chl...  | 5.429  | 6.289  | 956501   | 3654378  | 0.275   | 0.243     |
| 11)                         | B cis-Chlor...  | 5.473  | 6.355  | 4693684  | -675080  | 1.373   | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.641  | 6.514  | 1694339  | 335415   | 0.527   | <MDL #    |
| 13)                         | MA Dieldrin     | 5.794  | 6.688  | 862508   | 2600008  | 0.258   | 0.188 #   |
| 14)                         | MA Endrin       | 6.046  | 6.892  | 181086   | 253394   | <MDL    | <MDL #    |
| 15)                         | B Endosulfa...  | 6.304  | 7.095  | 650451   | 400892   | 0.237   | <MDL #    |
| 16)                         | A 4,4'-DDD      | 0.000  | 7.055f | 0        | 30404099 | N.D.    | 2.780     |
| 17)                         | MA 4,4'-DDT     | 6.410  | 7.280  | 223963   | 1470428  | <MDL    | 0.131 #   |
| 18)                         | B Endrin al...  | 6.484  | 7.214  | 1316172  | 3889480  | 0.575   | 0.400 #   |
| 19)                         | B Endosulfa...  | 6.676  | 7.430  | 487048   | 7320288  | 0.174   | 0.646 #   |
| 20)                         | A Methoxychlor  | 6.951  | 7.779  | 3192941  | 381005   | 2.309   | <MDL #    |
| 21)                         | B Endrin ke...  | 7.146f | 7.946  | 174431   | 2428143  | <MDL    | 0.197 #   |
| 22)                         | Toxaphene-1     | 5.794f | 6.213  | 862508   | 4551922  | 55.671  | 108.112 # |
| 23)                         | Toxaphene-2     | 6.046  | 6.537  | 181086   | 494802   | 11.789  | 5.205 #   |
| 24)                         | Toxaphene-3     | 6.304f | 7.376  | 650451   | 254333   | 38.939  | 0.962 #   |
| 25)                         | Toxaphene-4     | 7.095  | 7.430  | 657262   | 7320288  | 9.370   | 34.614 #  |
| 26)                         | Toxaphene-5     | 7.388  | 7.890  | 4262809  | 2108375  | 116.879 | 17.135 #  |
| -----                       |                 |        |        |          |          |         |           |

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 03:03:01 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

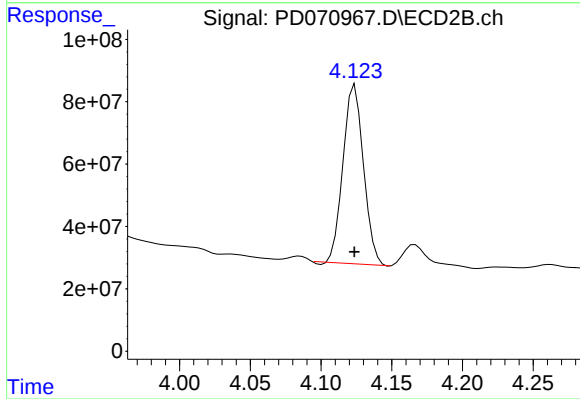




#1 Tetrachloro-m-xylene

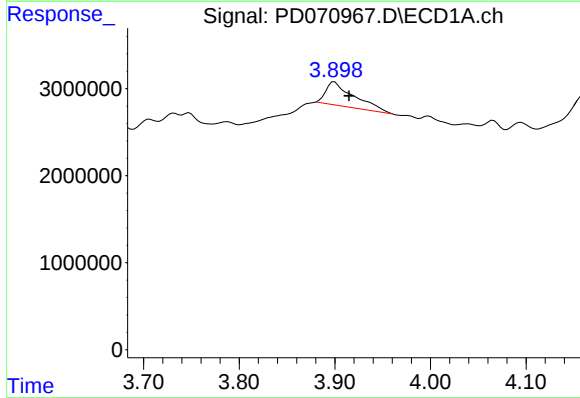
R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 54179434  
Conc: 22.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



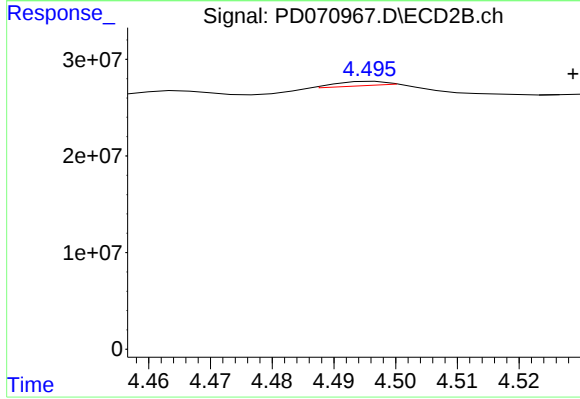
#1 Tetrachloro-m-xylene

R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 578572340  
Conc: 24.65 ng/ml



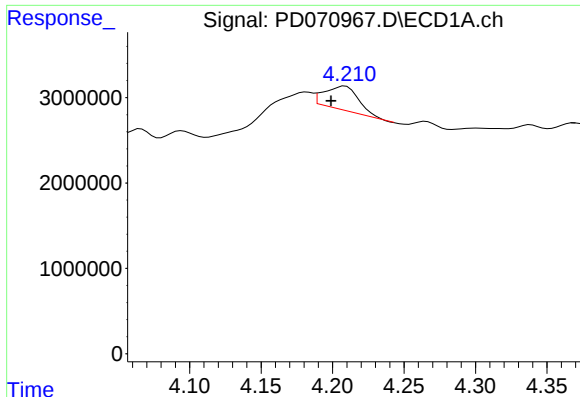
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: -0.015 min  
Response: 5401367  
Conc: 1.44 ng/ml



#2 alpha-BHC

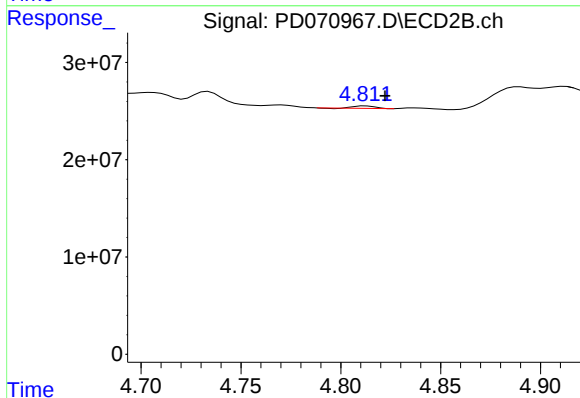
R.T.: 4.497 min  
Delta R.T.: -0.032 min  
Response: 2844917  
Conc: N.D.



#3 gamma-BHC (Lindane)

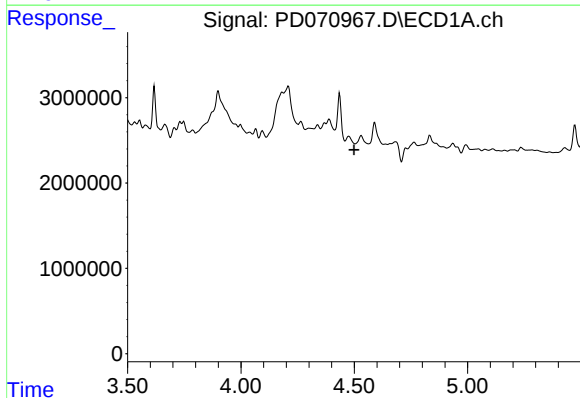
R.T.: 4.209 min  
Delta R.T.: 0.010 min  
Response: 4385034  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



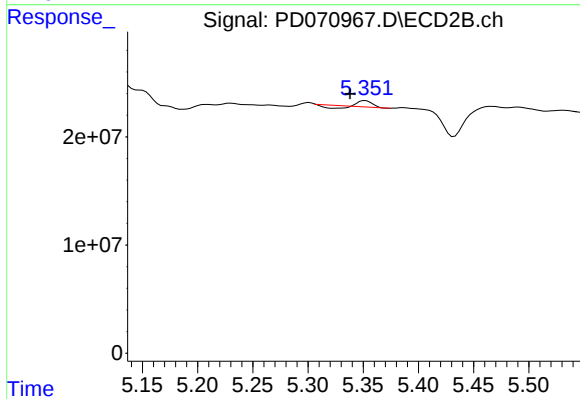
#3 gamma-BHC (Lindane)

R.T.: 4.813 min  
Delta R.T.: -0.010 min  
Response: 1726423  
Conc: N.D.



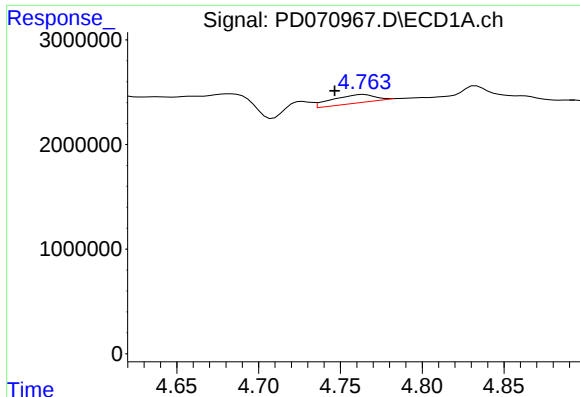
#4 Heptachlor

R.T.: 4.531 min  
Delta R.T.: 0.032 min  
Response: -536562  
Conc: N.D.



#4 Heptachlor

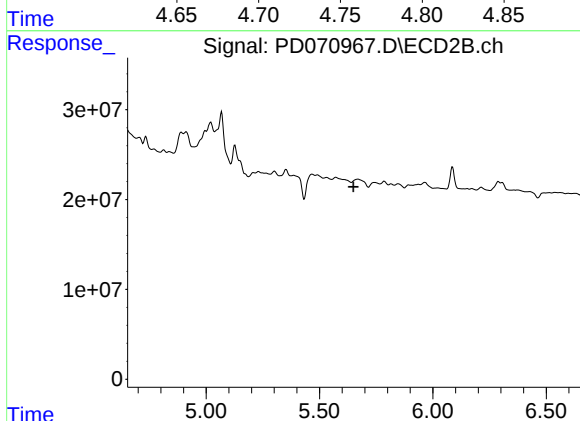
R.T.: 5.352 min  
Delta R.T.: 0.014 min  
Response: 2360376  
Conc: 0.12 ng/ml



#5 Aldrin

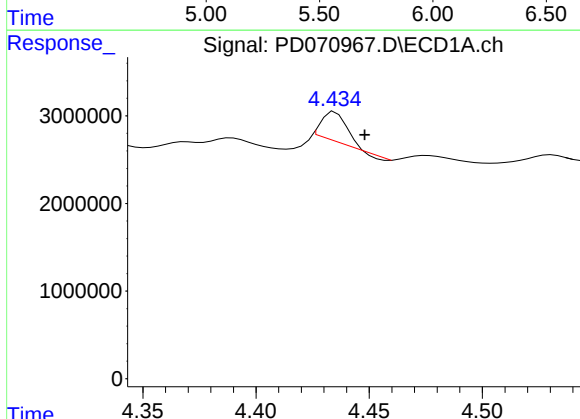
R.T.: 4.764 min  
Delta R.T.: 0.018 min  
Response: 1554242  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



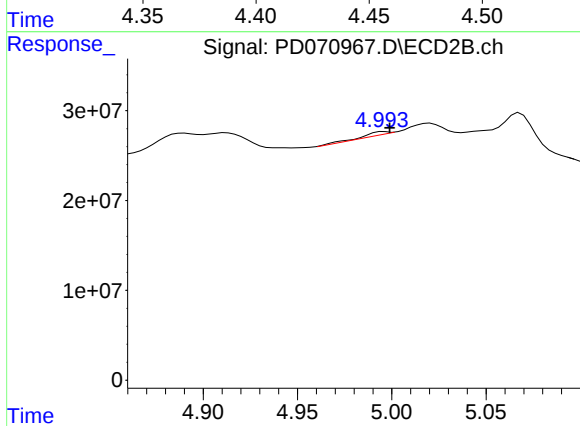
#5 Aldrin

R.T.: 5.669 min  
Delta R.T.: 0.018 min  
Response: -731166  
Conc: N.D.



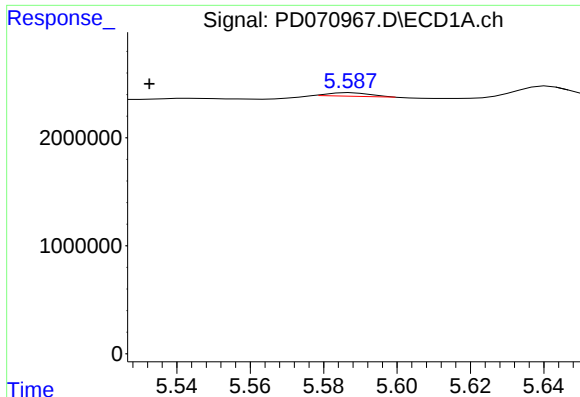
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: -0.013 min  
Response: 2466135  
Conc: 1.57 ng/ml



#6 beta-BHC

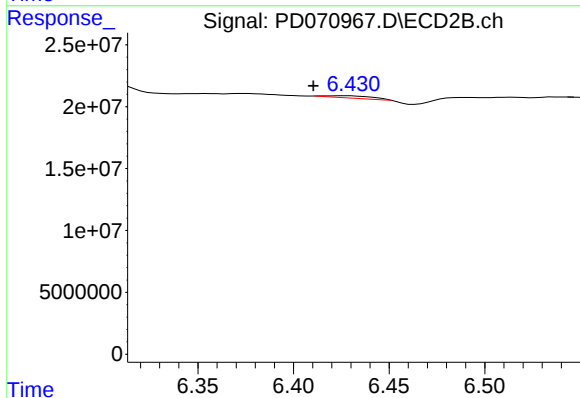
R.T.: 4.996 min  
Delta R.T.: -0.003 min  
Response: 2948811  
Conc: 0.22 ng/ml



#9 Endosulfan I

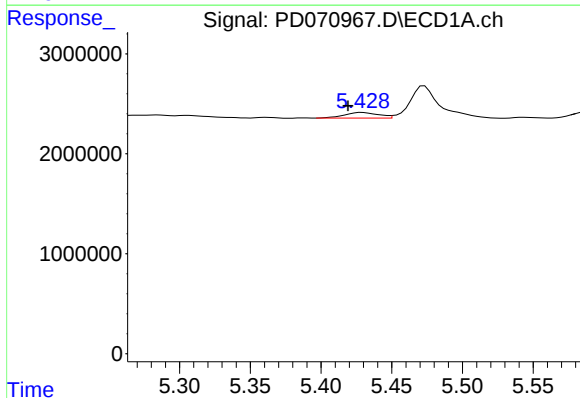
R.T.: 5.587 min  
Delta R.T.: 0.055 min  
Response: 226436  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



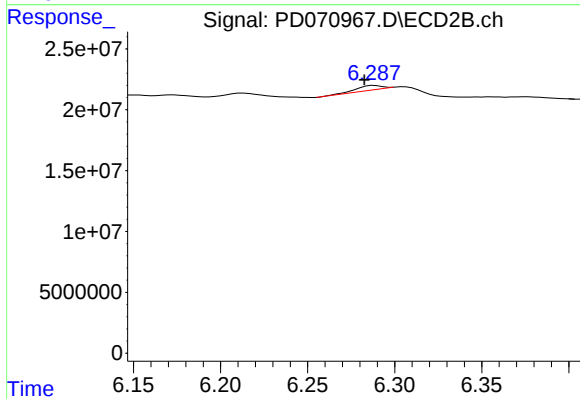
#9 Endosulfan I

R.T.: 6.428 min  
Delta R.T.: 0.018 min  
Response: 2607730  
Conc: 0.20 ng/ml



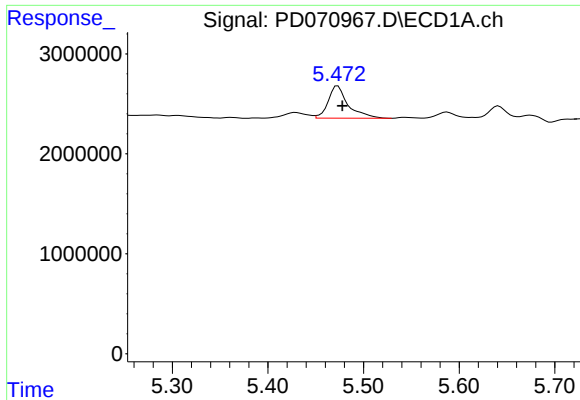
#10 trans-Chlordane

R.T.: 5.429 min  
Delta R.T.: 0.010 min  
Response: 956501  
Conc: 0.27 ng/ml



#10 trans-Chlordane

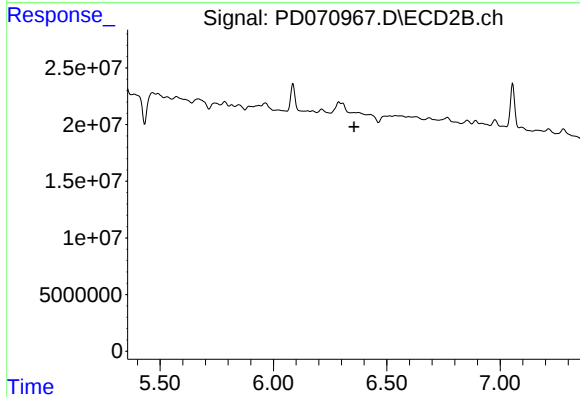
R.T.: 6.289 min  
Delta R.T.: 0.006 min  
Response: 3654378  
Conc: 0.24 ng/ml



#11 cis-Chlordane

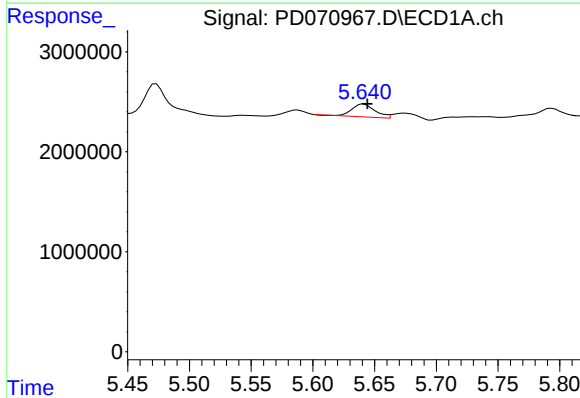
R.T.: 5.473 min  
Delta R.T.: -0.005 min  
Response: 4693684  
Conc: 1.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



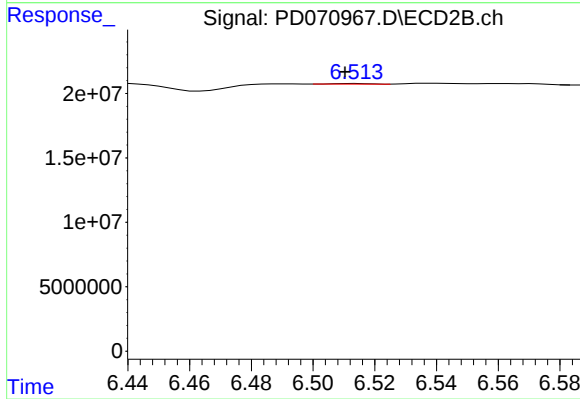
#11 cis-Chlordane

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: -675080  
Conc: N.D.



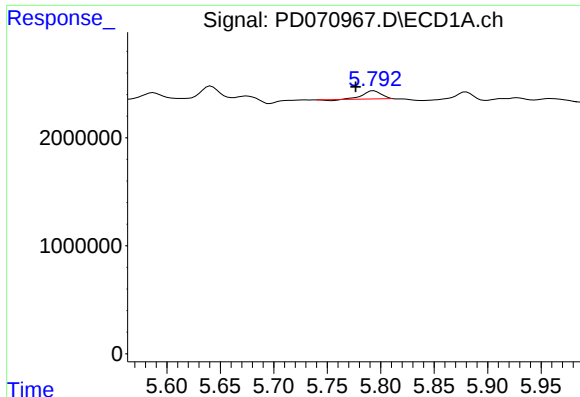
#12 4,4'-DDE

R.T.: 5.641 min  
Delta R.T.: -0.003 min  
Response: 1694339  
Conc: 0.53 ng/ml



#12 4,4'-DDE

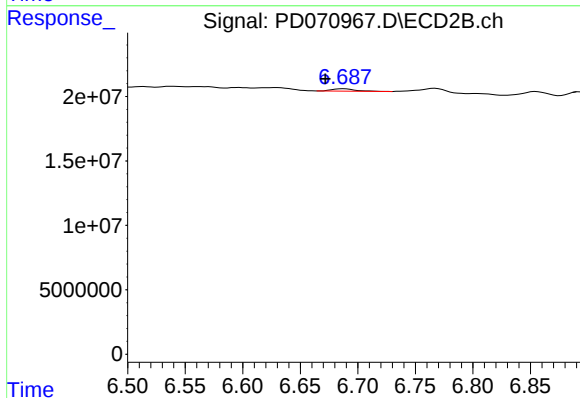
R.T.: 6.514 min  
Delta R.T.: 0.004 min  
Response: 335415  
Conc: N.D.



#13 Dieldrin

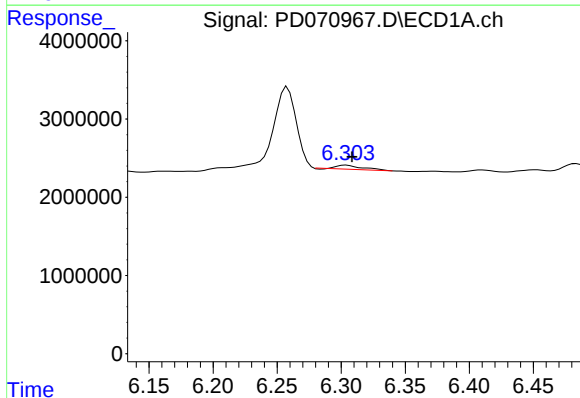
R.T.: 5.794 min  
Delta R.T.: 0.017 min  
Response: 862508  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



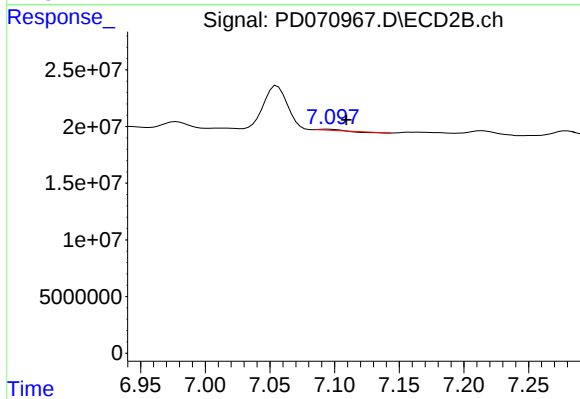
#13 Dieldrin

R.T.: 6.688 min  
Delta R.T.: 0.016 min  
Response: 2600008  
Conc: 0.19 ng/ml



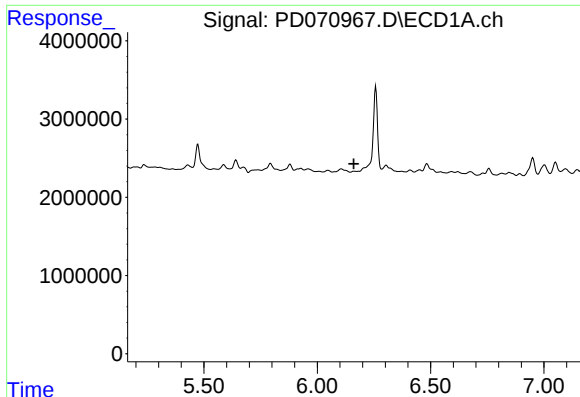
#15 Endosulfan II

R.T.: 6.304 min  
Delta R.T.: -0.004 min  
Response: 650451  
Conc: 0.24 ng/ml



#15 Endosulfan II

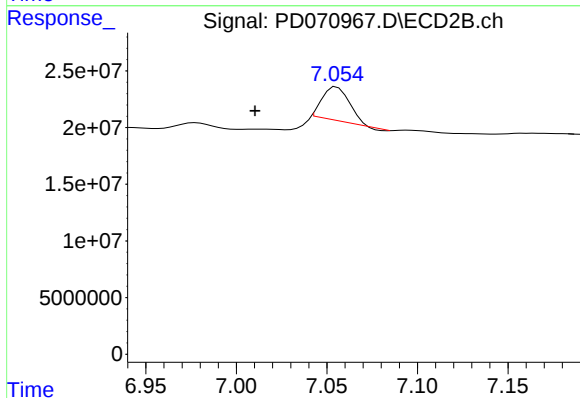
R.T.: 7.095 min  
Delta R.T.: -0.015 min  
Response: 400892  
Conc: N.D.



#16 4,4'-DDD

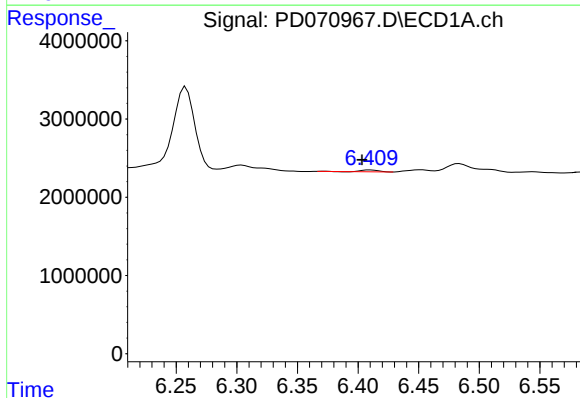
R.T.: 0.000 min  
Exp R.T.: 6.162 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



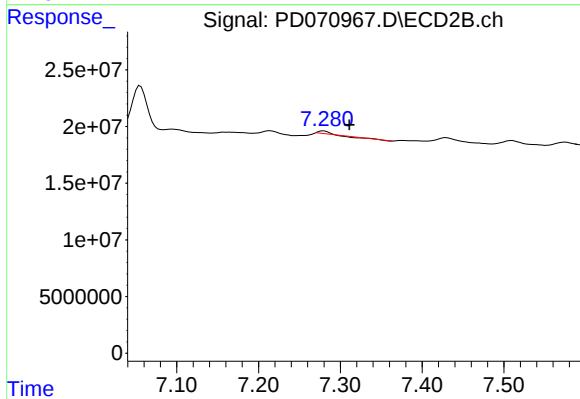
#16 4,4'-DDD

R.T.: 7.055 min  
Delta R.T.: 0.045 min  
Response: 30404099  
Conc: 2.78 ng/ml



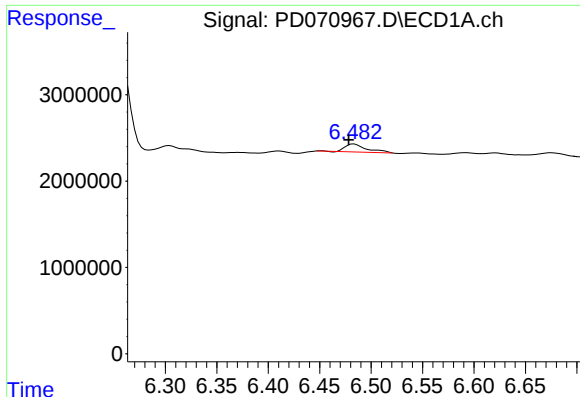
#17 4,4'-DDT

R.T.: 6.410 min  
Delta R.T.: 0.007 min  
Response: 223963  
Conc: N.D.



#17 4,4'-DDT

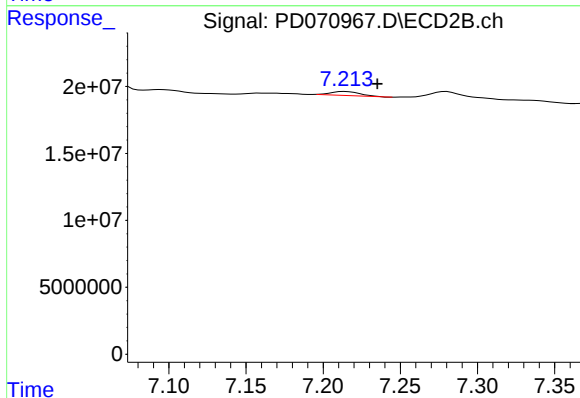
R.T.: 7.280 min  
Delta R.T.: -0.031 min  
Response: 1470428  
Conc: 0.13 ng/ml



#18 Endrin aldehyde

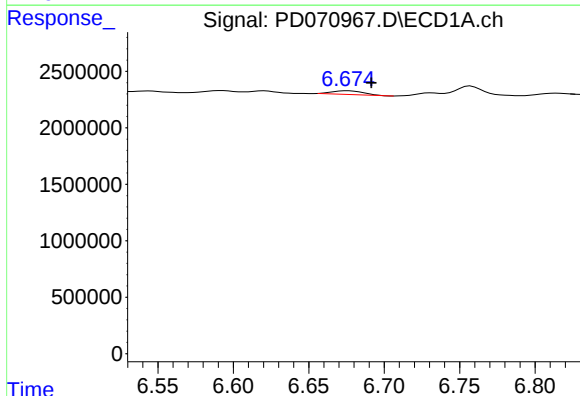
R.T.: 6.484 min  
Delta R.T.: 0.005 min  
Response: 1316172  
Conc: 0.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



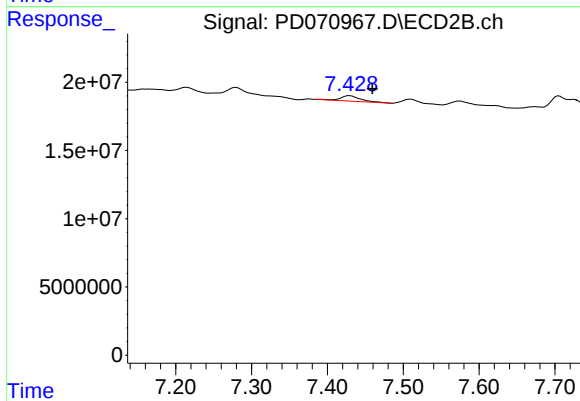
#18 Endrin aldehyde

R.T.: 7.214 min  
Delta R.T.: -0.021 min  
Response: 3889480  
Conc: 0.40 ng/ml



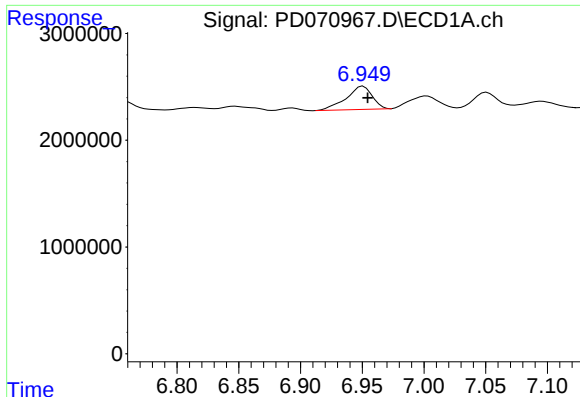
#19 Endosulfan Sulfate

R.T.: 6.676 min  
Delta R.T.: -0.016 min  
Response: 487048  
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

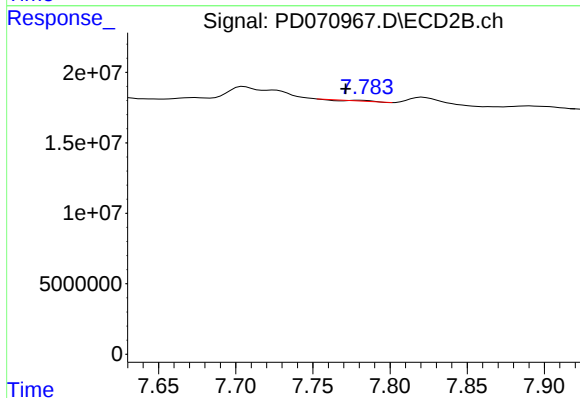
R.T.: 7.430 min  
Delta R.T.: -0.030 min  
Response: 7320288  
Conc: 0.65 ng/ml



#20 Methoxychlor

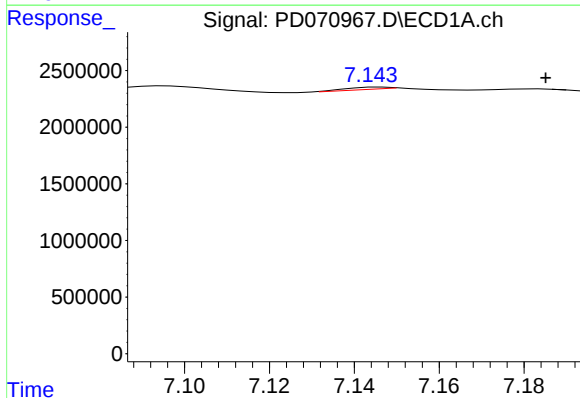
R.T.: 6.951 min  
Delta R.T.: -0.004 min  
Response: 3192941  
Conc: 2.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



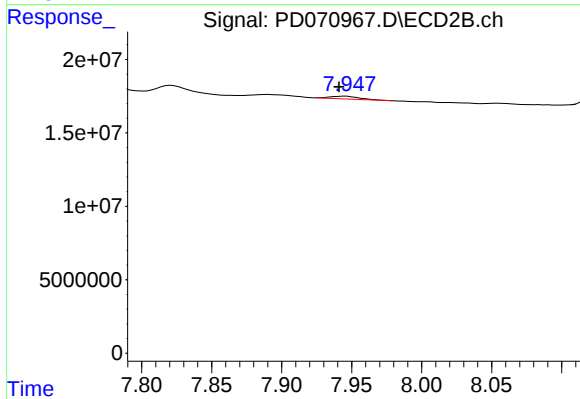
#20 Methoxychlor

R.T.: 7.779 min  
Delta R.T.: 0.008 min  
Response: 381005  
Conc: N.D.



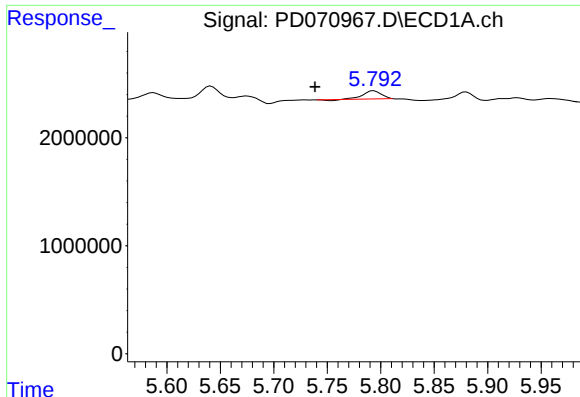
#21 Endrin ketone

R.T.: 7.146 min  
Delta R.T.: -0.039 min  
Response: 174431  
Conc: N.D.



#21 Endrin ketone

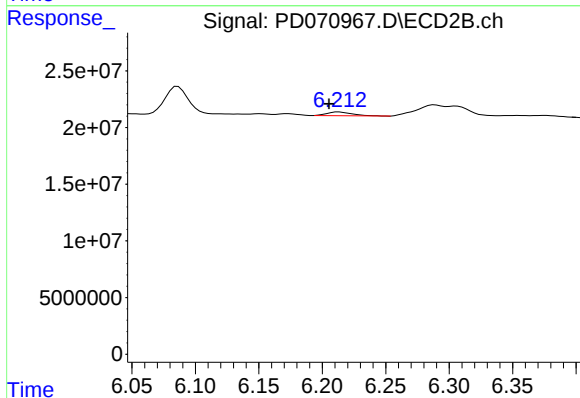
R.T.: 7.946 min  
Delta R.T.: 0.005 min  
Response: 2428143  
Conc: 0.20 ng/ml



#22 Toxaphene-1

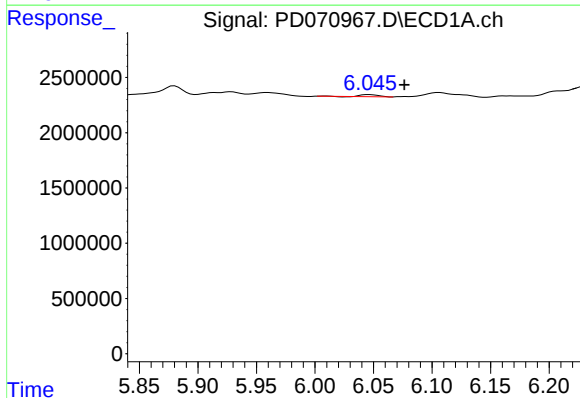
R.T.: 5.794 min  
Delta R.T.: 0.055 min  
Response: 862508  
Conc: 55.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



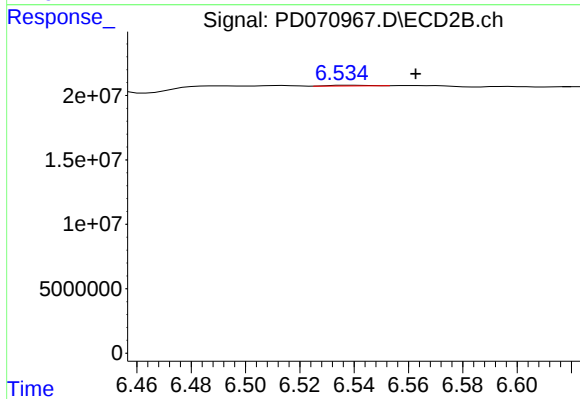
#22 Toxaphene-1

R.T.: 6.213 min  
Delta R.T.: 0.008 min  
Response: 4551922  
Conc: 108.11 ng/ml



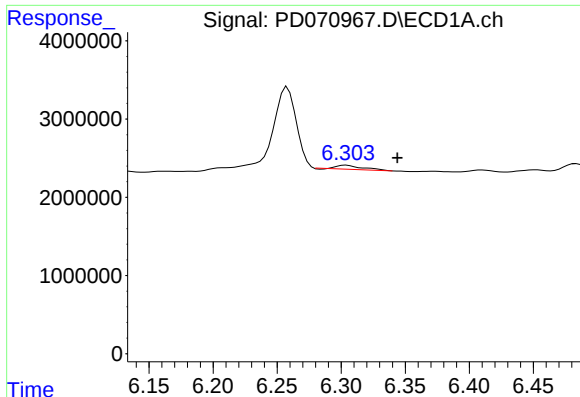
#23 Toxaphene-2

R.T.: 6.046 min  
Delta R.T.: -0.030 min  
Response: 181086  
Conc: 11.79 ng/ml



#23 Toxaphene-2

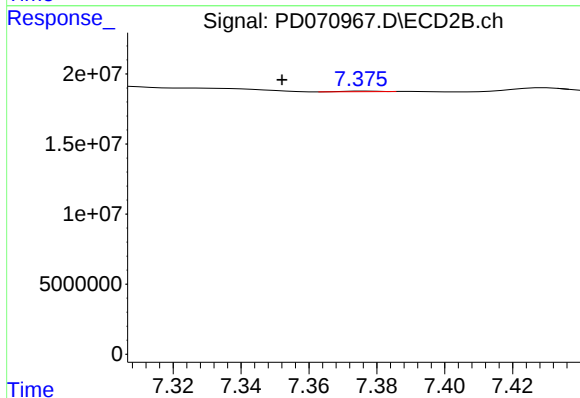
R.T.: 6.537 min  
Delta R.T.: -0.026 min  
Response: 494802  
Conc: 5.20 ng/ml



#24 Toxaphene-3

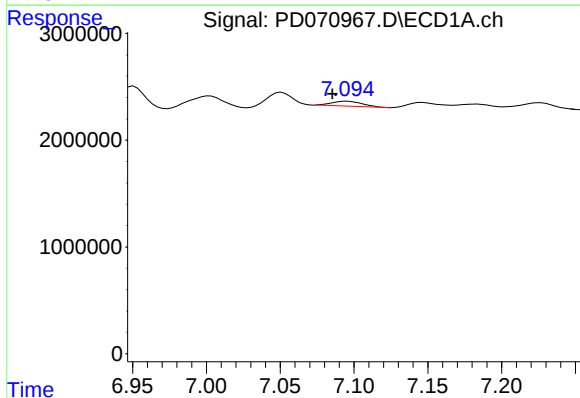
R.T.: 6.304 min  
Delta R.T.: -0.040 min  
Response: 650451  
Conc: 38.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



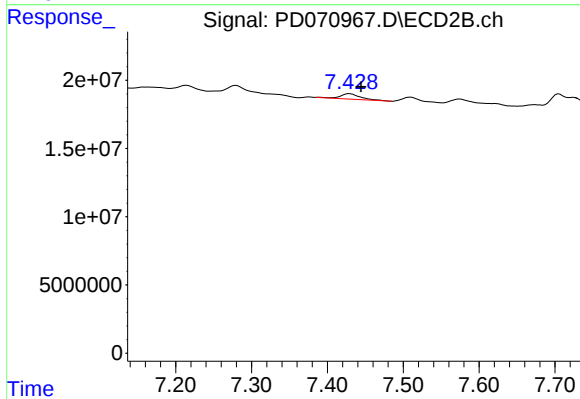
#24 Toxaphene-3

R.T.: 7.376 min  
Delta R.T.: 0.024 min  
Response: 254333  
Conc: 0.96 ng/ml



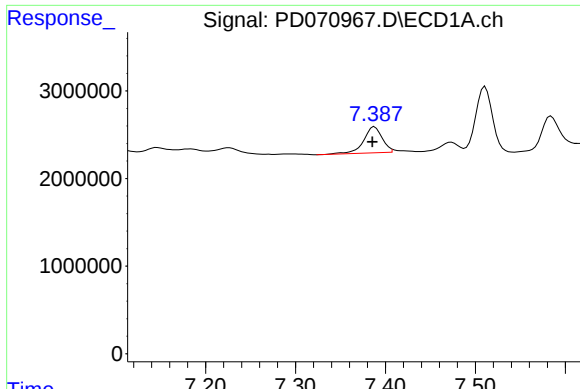
#25 Toxaphene-4

R.T.: 7.095 min  
Delta R.T.: 0.010 min  
Response: 657262  
Conc: 9.37 ng/ml



#25 Toxaphene-4

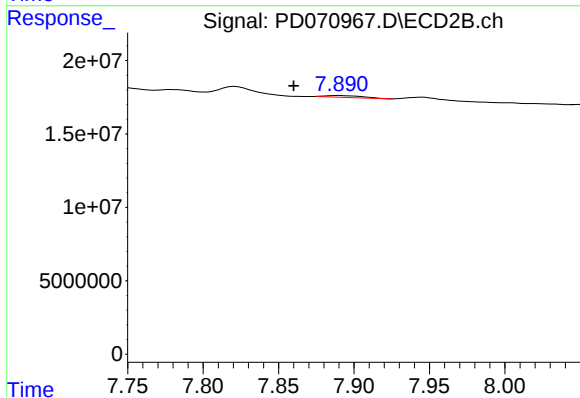
R.T.: 7.430 min  
Delta R.T.: -0.015 min  
Response: 7320288  
Conc: 34.61 ng/ml



#26 Toxaphene-5

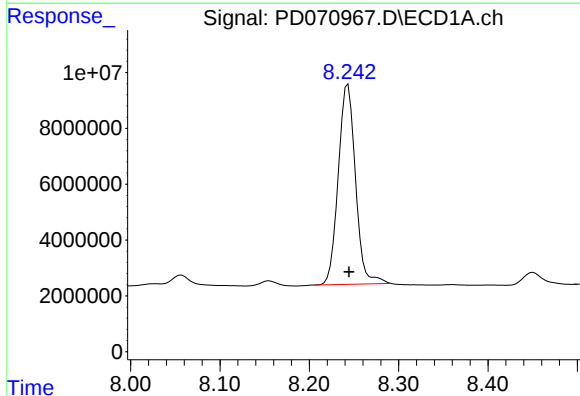
R.T.: 7.388 min  
Delta R.T.: 0.002 min  
Response: 4262809  
Conc: 116.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



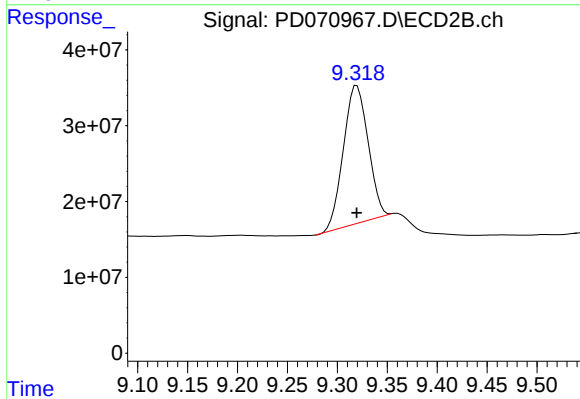
#26 Toxaphene-5

R.T.: 7.890 min  
Delta R.T.: 0.030 min  
Response: 2108375  
Conc: 17.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.243 min  
Delta R.T.: 0.000 min  
Response: 95834249  
Conc: 37.75 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.320 min  
Delta R.T.: 0.000 min  
Response: 311855581  
Conc: 33.77 ng/ml