

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071621\  
 Data File : PD064298.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2021 09:07  
 Operator : AR\AJ  
 Sample : PEM52  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 05:17:42 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 14 06:42:28 2021  
 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

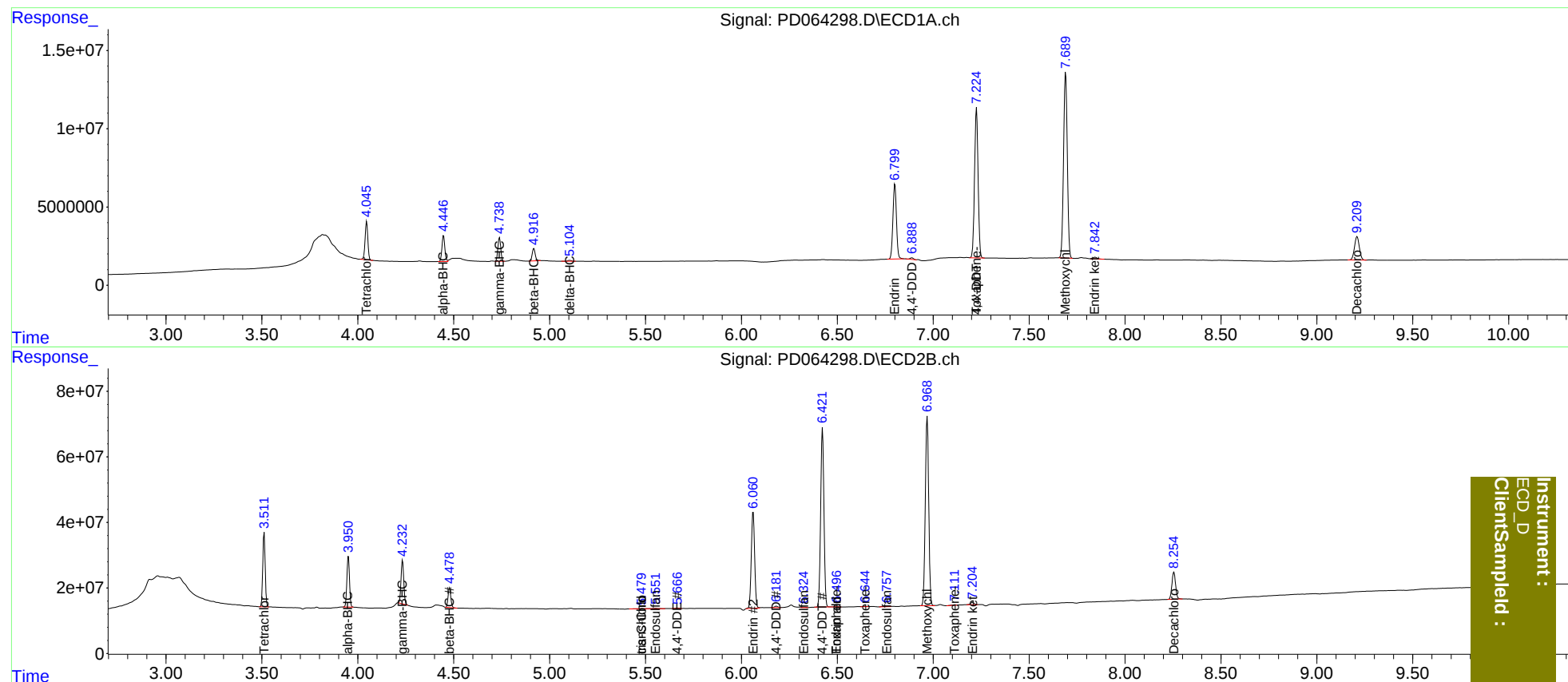
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|----------|
| -----                       |                 |        |        |          |          |           |          |
| System Monitoring Compounds |                 |        |        |          |          |           |          |
| 1)                          | SA Tetrachlo... | 4.046  | 3.512  | 24205143 | 201.4E6  | 18.091    | 20.161   |
| 27)                         | SA Decachlor... | 9.210  | 8.255  | 26237460 | 110.1E6  | 24.464    | 21.083   |
| Target Compounds            |                 |        |        |          |          |           |          |
| 2)                          | A alpha-BHC     | 4.448  | 3.951  | 17322752 | 146.3E6  | 9.304     | 10.940   |
| 3)                          | MA gamma-BHC... | 4.739  | 4.234  | 15823987 | 130.9E6  | 8.887     | 10.761   |
| 6)                          | B beta-BHC      | 4.918  | 4.479  | 8787268  | 59471859 | 10.471    | 10.943   |
| 7)                          | B delta-BHC     | 5.105f | 0.000  | 735292   | 0        | 0.430     | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.553  | 0        | 3162258  | N.D.      | 0.374    |
| 10)                         | B trans-Chl...  | 0.000  | 5.481  | 0        | 1583131  | N.D.      | 0.170    |
| 11)                         | B cis-Chlor...  | 0.000  | 5.481  | 0        | 1583131  | N.D.      | 0.175    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.667  | 0        | 1797581  | N.D.      | 0.214    |
| 14)                         | MA Endrin       | 6.801  | 6.061  | 60933586 | 356.9E6  | 51.609    | 48.959   |
| 15)                         | B Endosulfa...  | 0.000  | 6.325  | 0        | 2511393  | N.D.      | 0.386    |
| 16)                         | A 4,4'-DDD      | 6.889f | 6.182  | 1252883  | 5278440  | 1.100     | 0.785 #  |
| 17)                         | MA 4,4'-DDT     | 7.226  | 6.423  | 121.5E6  | 646.2E6  | 105.208   | 92.294   |
| 18)                         | B Endrin al...  | 0.000  | 6.497  | 0        | 2926763  | N.D.      | 0.528    |
| 19)                         | B Endosulfa...  | 0.000  | 6.758f | 0        | 3083197  | N.D.      | 0.501    |
| 20)                         | A Methoxychlor  | 7.690  | 6.969  | 161.3E6  | 703.1E6  | 251.410   | 227.863  |
| 21)                         | B Endrin ke...  | 7.844  | 7.205  | 1613996  | 9258650  | 1.214     | 1.366    |
| 24)                         | Toxaphene-3     | 7.226  | 6.497  | 121.5E6  | 2926763  | 10865.932 | 32.172 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.645  | 0        | 849243   | N.D.      | 6.611    |
| 26)                         | Toxaphene-5     | 0.000  | 7.114  | 0        | 1415273  | N.D.      | 11.372   |
| -----                       |                 |        |        |          |          |           |          |

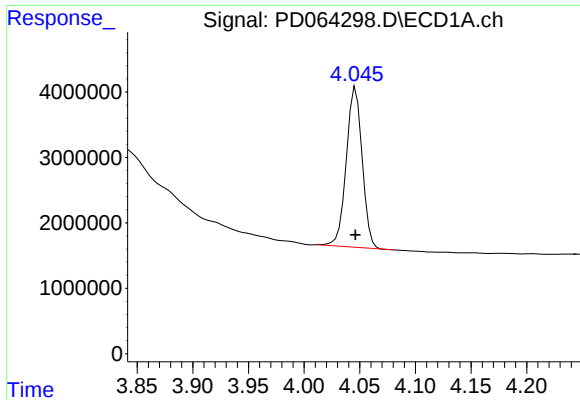
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071621\  
Data File : PD064298.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2021 09:07  
Operator : AR\AJ  
Sample : PEM52  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 05:17:42 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 14 06:42:28 2021  
Response via : Initial Calibration  
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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

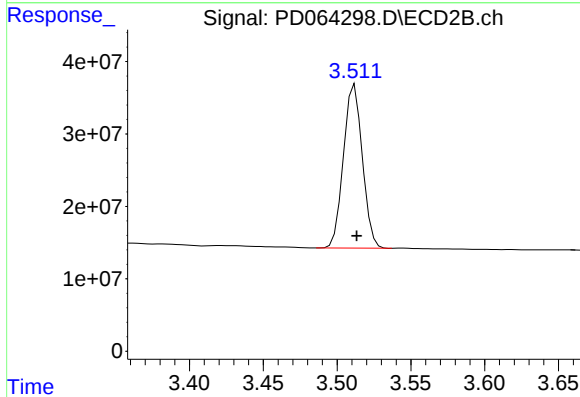




#1 Tetrachloro-m-xylene

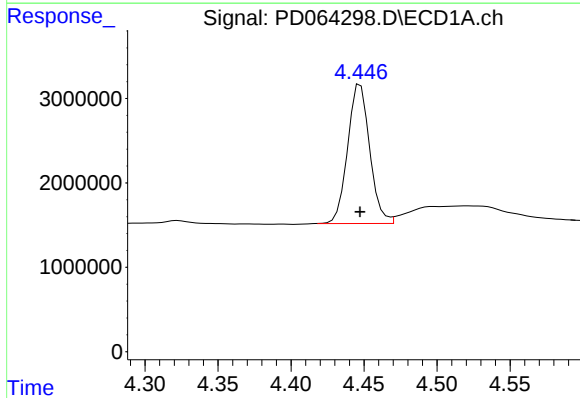
R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 24205143  
Conc: 18.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



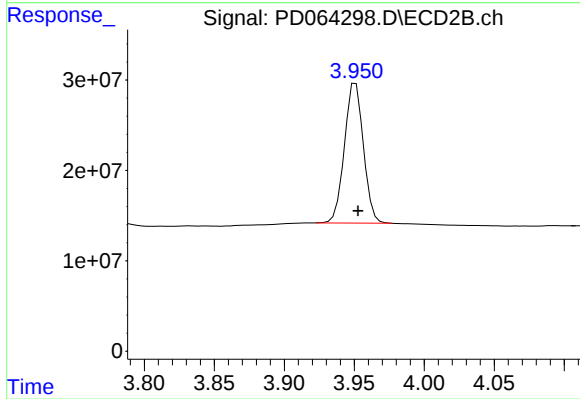
#1 Tetrachloro-m-xylene

R.T.: 3.512 min  
Delta R.T.: -0.001 min  
Response: 201434186  
Conc: 20.16 ng/ml



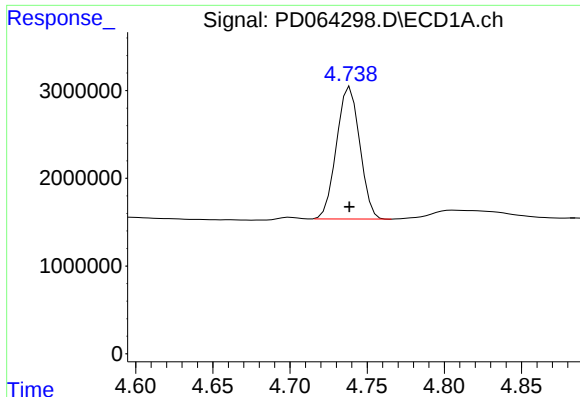
#2 alpha-BHC

R.T.: 4.448 min  
Delta R.T.: 0.000 min  
Response: 17322752  
Conc: 9.30 ng/ml



#2 alpha-BHC

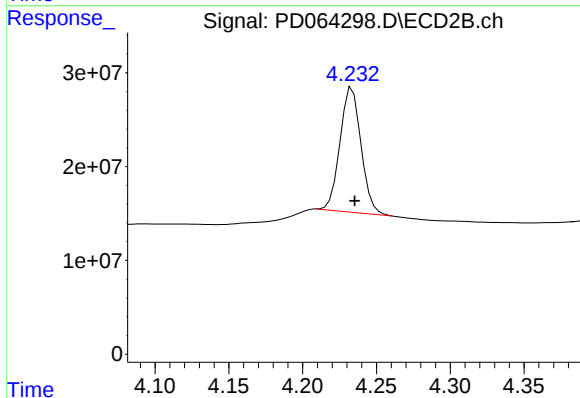
R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 146305307  
Conc: 10.94 ng/ml



#3 gamma-BHC (Lindane)

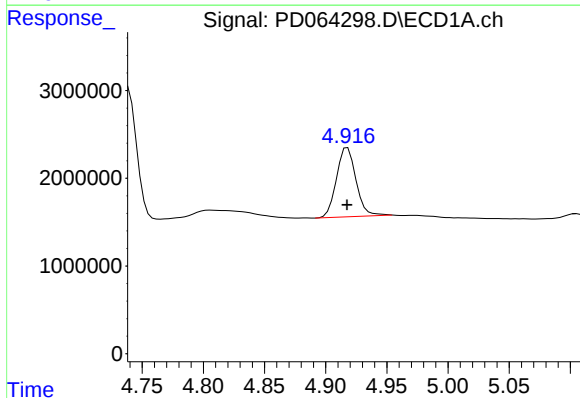
R.T.: 4.739 min  
Delta R.T.: 0.000 min  
Response: 15823987  
Conc: 8.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



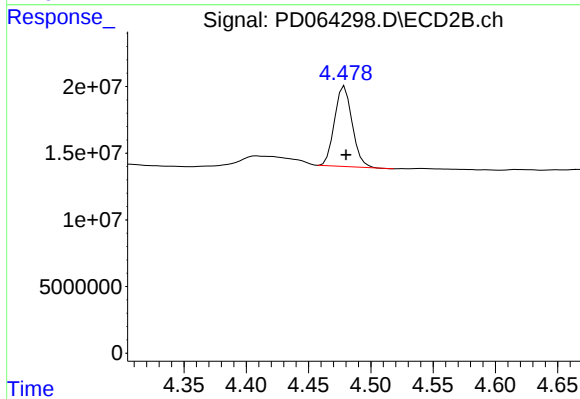
#3 gamma-BHC (Lindane)

R.T.: 4.234 min  
Delta R.T.: -0.002 min  
Response: 130921149  
Conc: 10.76 ng/ml



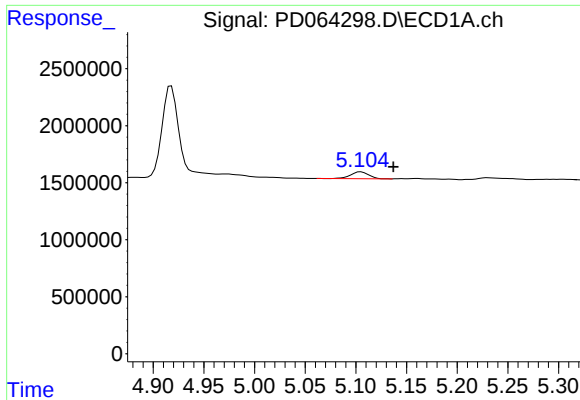
#6 beta-BHC

R.T.: 4.918 min  
Delta R.T.: 0.000 min  
Response: 8787268  
Conc: 10.47 ng/ml



#6 beta-BHC

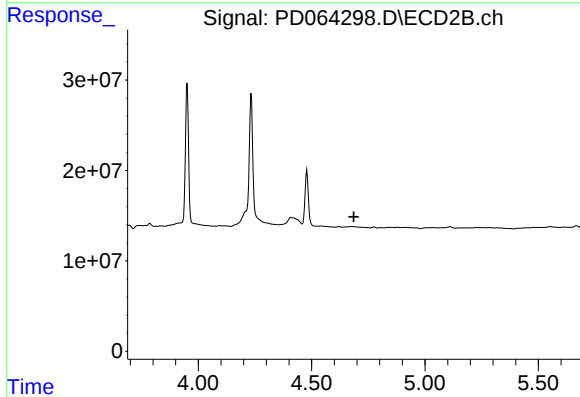
R.T.: 4.479 min  
Delta R.T.: -0.001 min  
Response: 59471859  
Conc: 10.94 ng/ml



#7 delta-BHC

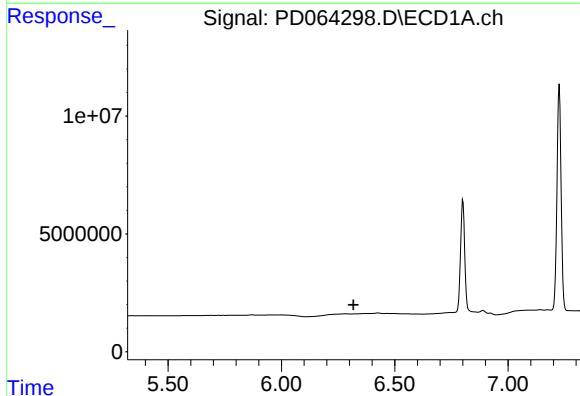
R.T.: 5.105 min  
Delta R.T.: -0.032 min  
Response: 735292  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



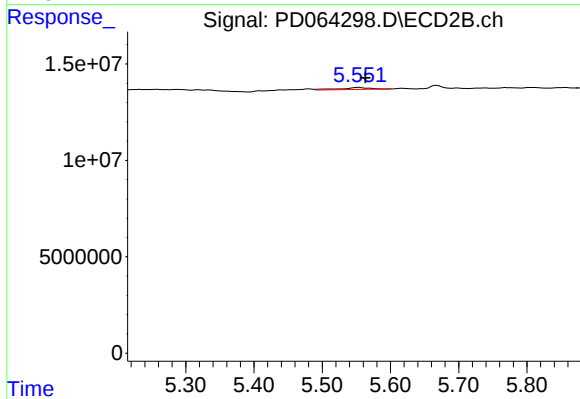
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.686 min  
Response: 0  
Conc: N.D.



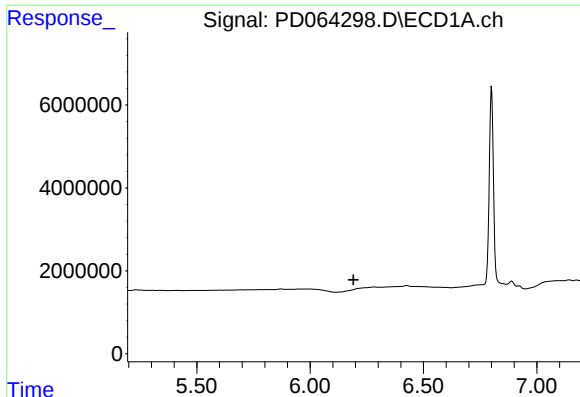
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.318 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

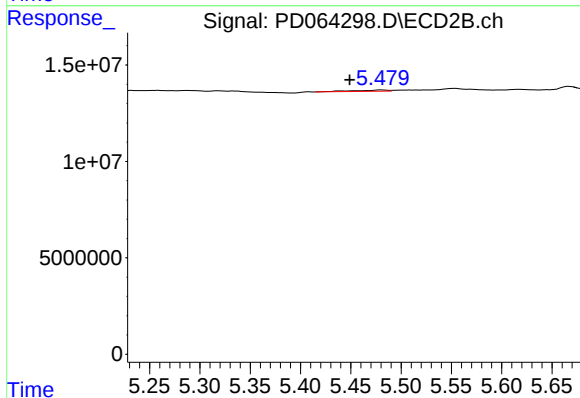
R.T.: 5.553 min  
Delta R.T.: -0.010 min  
Response: 3162258  
Conc: 0.37 ng/ml



#10 trans-Chlordane

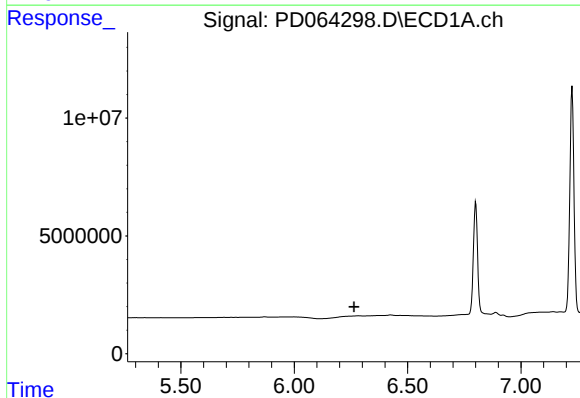
R.T.: 0.000 min  
Exp R.T. : 6.192 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



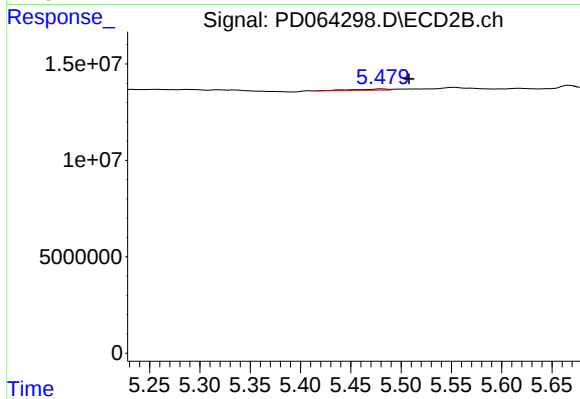
#10 trans-Chlordane

R.T.: 5.481 min  
Delta R.T.: 0.032 min  
Response: 1583131  
Conc: 0.17 ng/ml



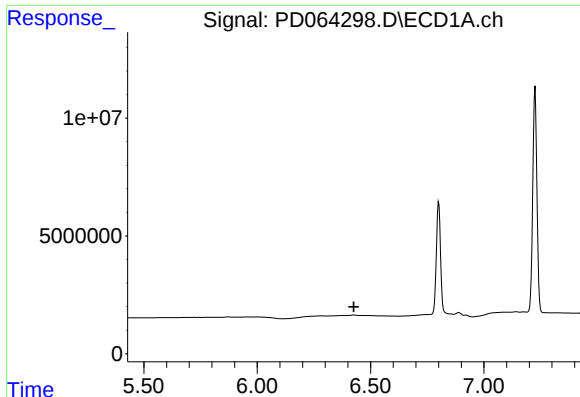
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.265 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

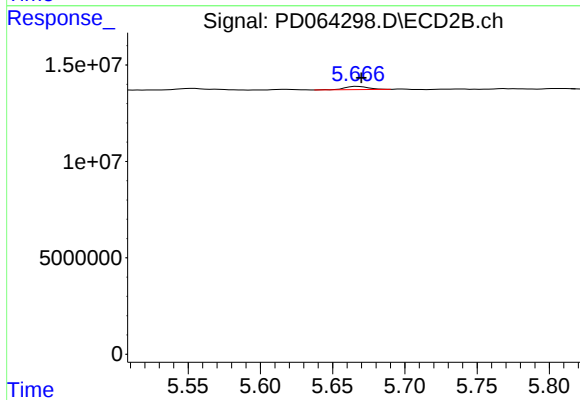
R.T.: 5.481 min  
Delta R.T.: -0.027 min  
Response: 1583131  
Conc: 0.17 ng/ml



#12 4,4'-DDE

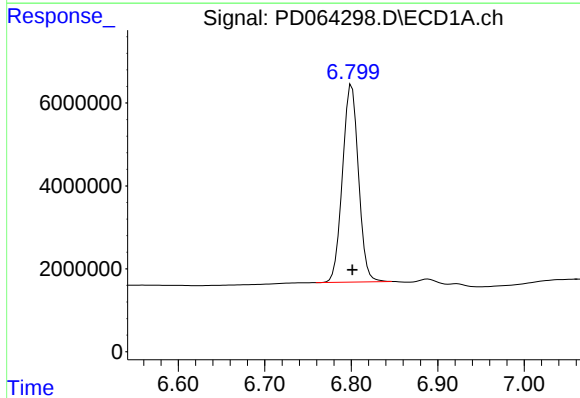
R.T.: 0.000 min  
Exp R.T.: 6.426 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



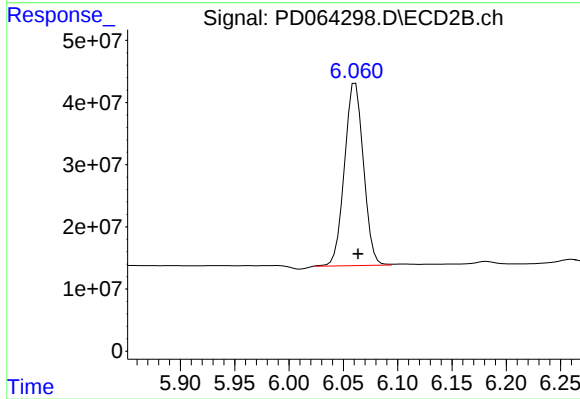
#12 4,4'-DDE

R.T.: 5.667 min  
Delta R.T.: -0.002 min  
Response: 1797581  
Conc: 0.21 ng/ml



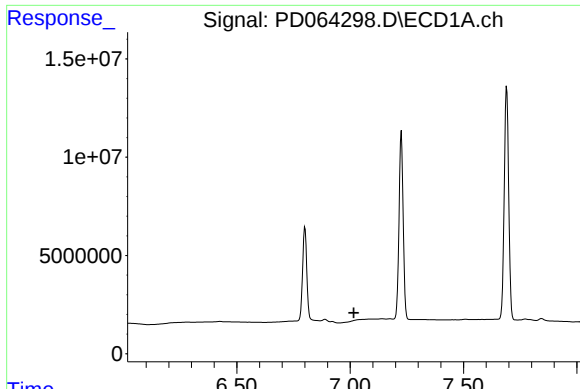
#14 Endrin

R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 60933586  
Conc: 51.61 ng/ml



#14 Endrin

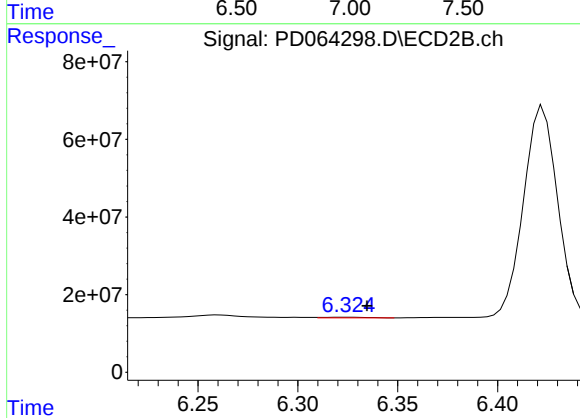
R.T.: 6.061 min  
Delta R.T.: -0.003 min  
Response: 356865011  
Conc: 48.96 ng/ml



#15 Endosulfan II

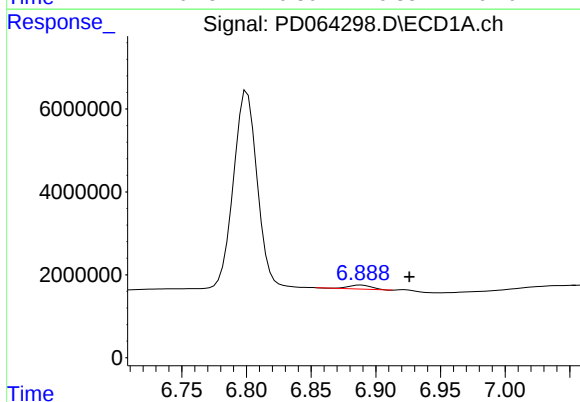
R.T.: 0.000 min  
Exp R.T.: 7.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



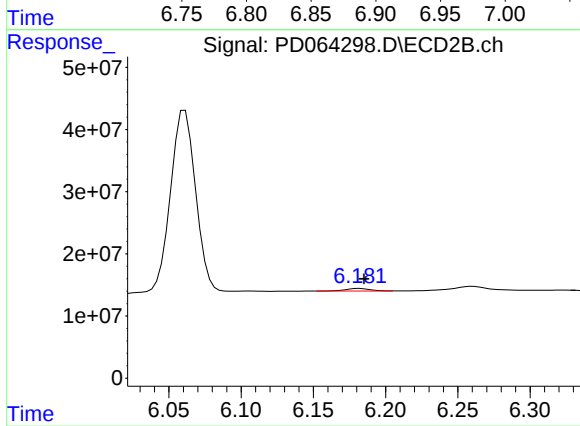
#15 Endosulfan II

R.T.: 6.325 min  
Delta R.T.: -0.010 min  
Response: 2511393  
Conc: 0.39 ng/ml



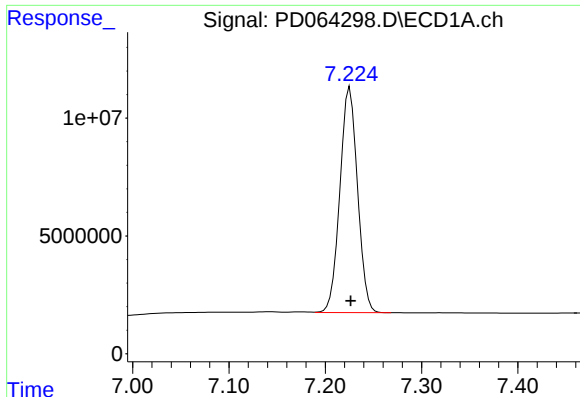
#16 4,4'-DDD

R.T.: 6.889 min  
Delta R.T.: -0.037 min  
Response: 1252883  
Conc: 1.10 ng/ml



#16 4,4'-DDD

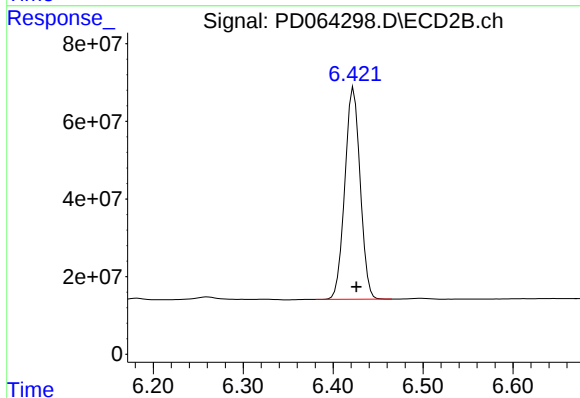
R.T.: 6.182 min  
Delta R.T.: -0.003 min  
Response: 5278440  
Conc: 0.78 ng/ml



#17 4,4'-DDT

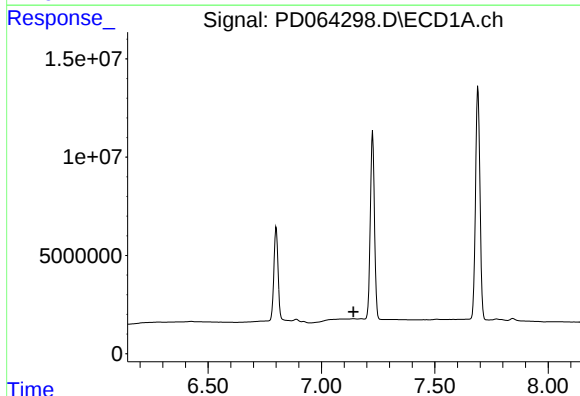
R.T.: 7.226 min  
Delta R.T.: 0.000 min  
Response: 121451265  
Conc: 105.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



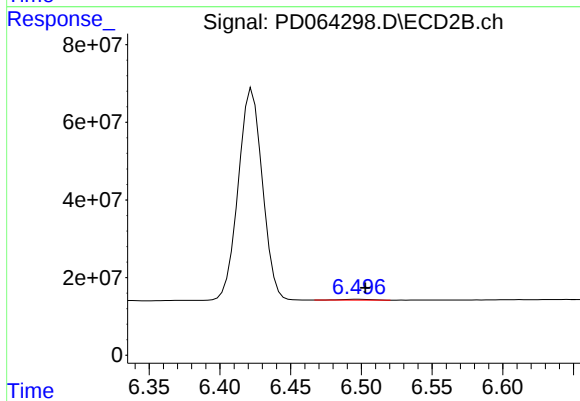
#17 4,4'-DDT

R.T.: 6.423 min  
Delta R.T.: -0.003 min  
Response: 646167483  
Conc: 92.29 ng/ml



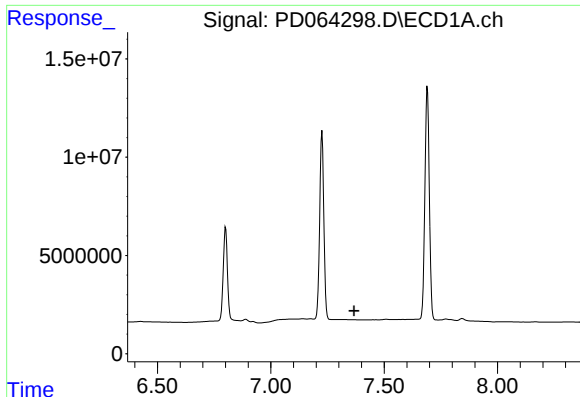
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.142 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

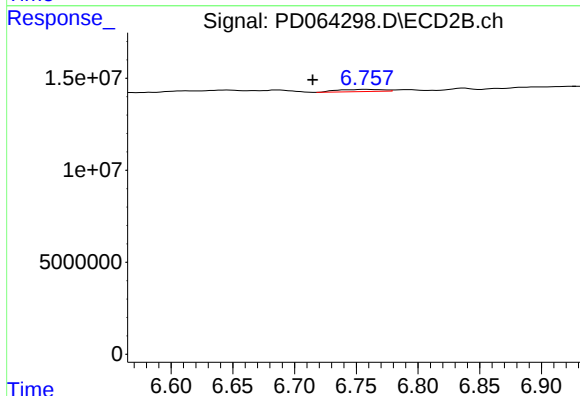
R.T.: 6.497 min  
Delta R.T.: -0.005 min  
Response: 2926763  
Conc: 0.53 ng/ml



#19 Endosulfan Sulfate

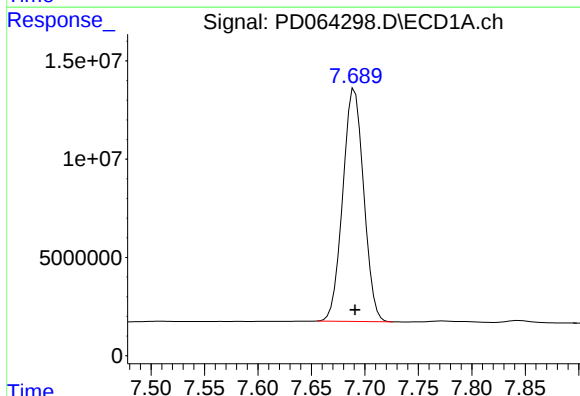
R.T.: 0.000 min  
Exp R.T.: 7.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



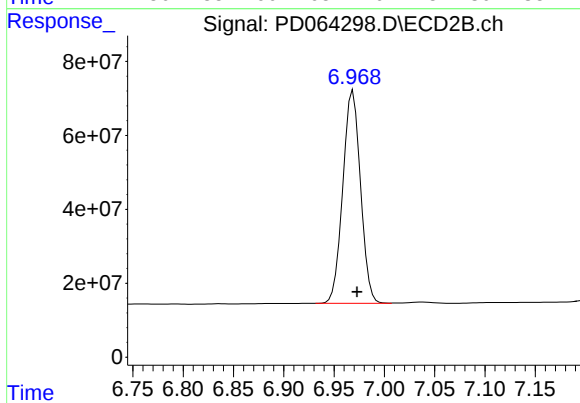
#19 Endosulfan Sulfate

R.T.: 6.758 min  
Delta R.T.: 0.044 min  
Response: 3083197  
Conc: 0.50 ng/ml



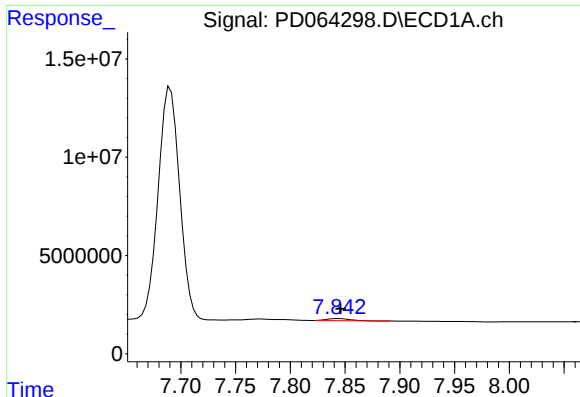
#20 Methoxychlor

R.T.: 7.690 min  
Delta R.T.: 0.000 min  
Response: 161315385  
Conc: 251.41 ng/ml



#20 Methoxychlor

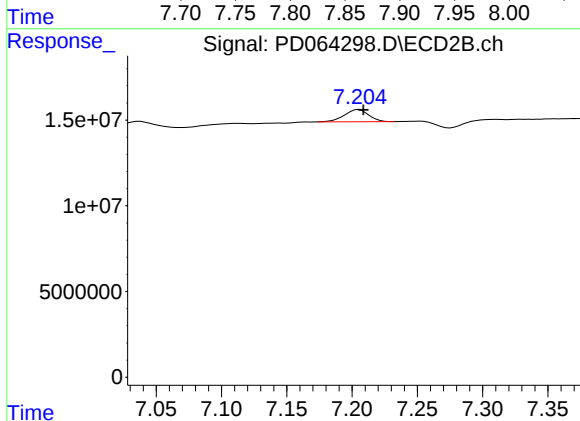
R.T.: 6.969 min  
Delta R.T.: -0.004 min  
Response: 703140005  
Conc: 227.86 ng/ml



#21 Endrin ketone

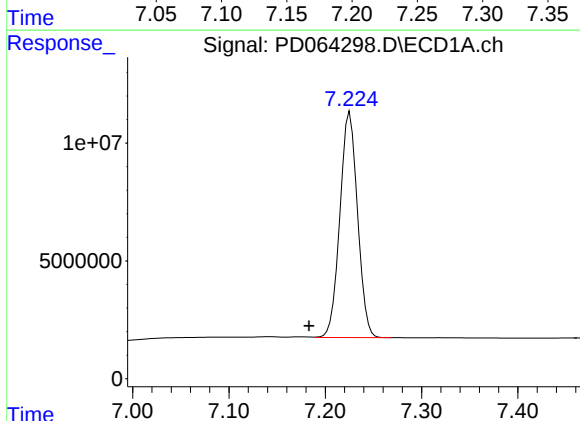
R.T.: 7.844 min  
Delta R.T.: -0.002 min  
Response: 1613996  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



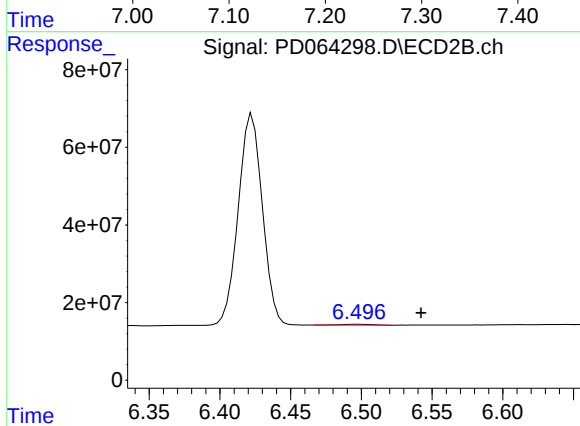
#21 Endrin ketone

R.T.: 7.205 min  
Delta R.T.: -0.003 min  
Response: 9258650  
Conc: 1.37 ng/ml



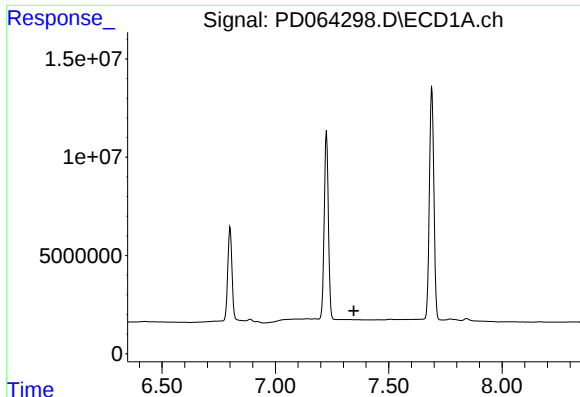
#24 Toxaphene-3

R.T.: 7.226 min  
Delta R.T.: 0.042 min  
Response: 121451265  
Conc: 10865.93 ng/ml



#24 Toxaphene-3

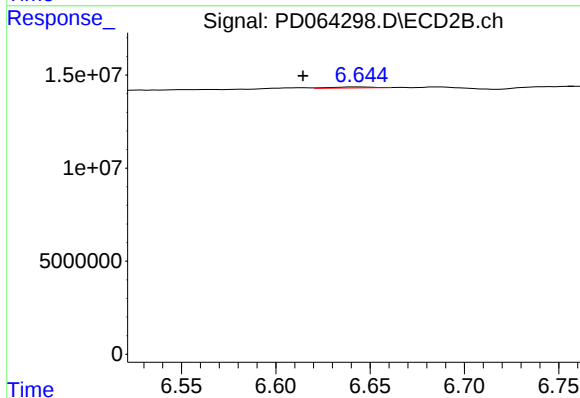
R.T.: 6.497 min  
Delta R.T.: -0.045 min  
Response: 2926763  
Conc: 32.17 ng/ml



#25 Toxaphene-4

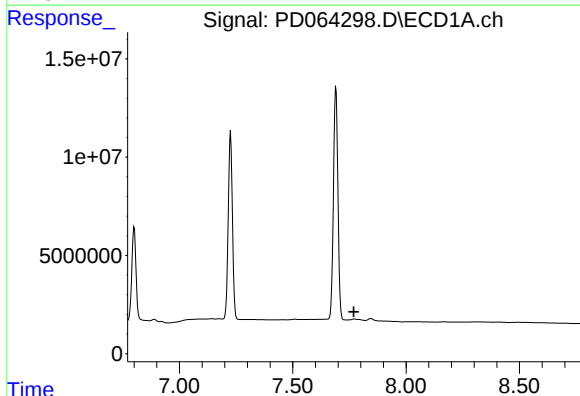
R.T.: 0.000 min  
Exp R.T.: 7.346 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



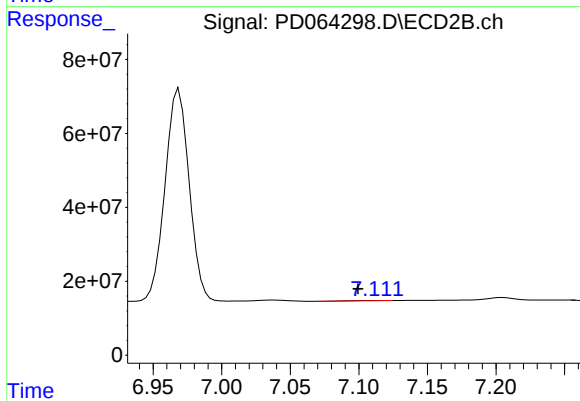
#25 Toxaphene-4

R.T.: 6.645 min  
Delta R.T.: 0.030 min  
Response: 849243  
Conc: 6.61 ng/ml



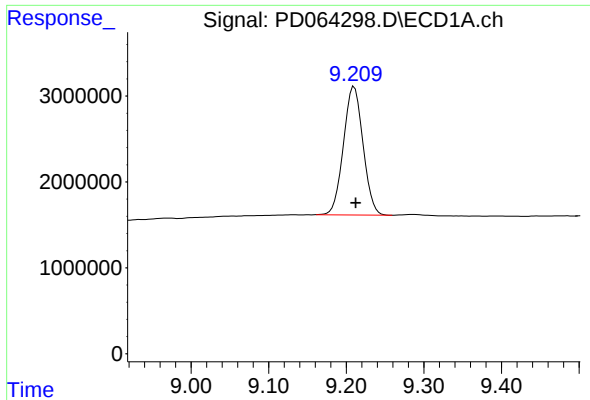
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.769 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

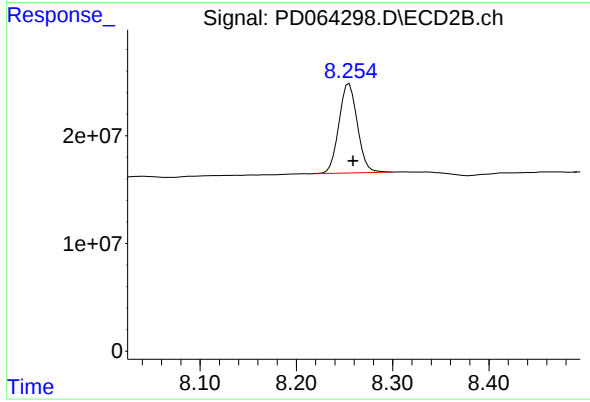
R.T.: 7.114 min  
Delta R.T.: 0.014 min  
Response: 1415273  
Conc: 11.37 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.210 min  
Delta R.T.: -0.002 min  
Response: 26237460  
Conc: 24.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.004 min  
Response: 110135729  
Conc: 21.08 ng/ml