

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102121\  
 Data File : PD066487.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2021 17:23  
 Operator : AJ\MA  
 Sample : PEM125  
 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: Oct 22 02:24:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 19 10:18:55 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

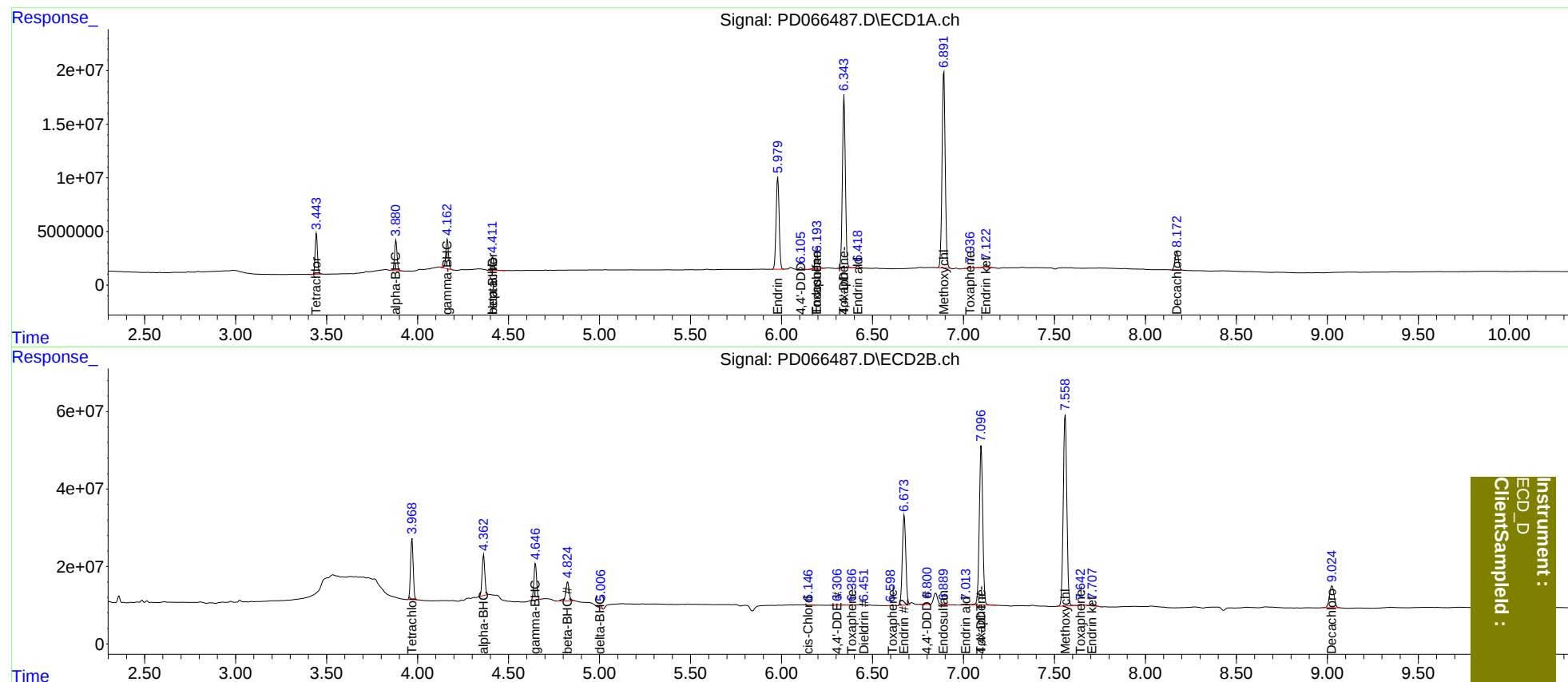
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.444  | 3.970  | 34419023 | 160.1E6  | 16.856   | 17.968   |
| 27)                         | SA Decachlor... | 8.173  | 9.025  | 23125267 | 99206252 | 17.009   | 20.890   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.881  | 4.363  | 25970401 | 110.5E6  | 8.324    | 9.513    |
| 3)                          | MA gamma-BHC... | 4.164  | 4.648  | 27859903 | 99400361 | 9.025    | 9.006    |
| 4)                          | MA Heptachlor   | 4.412f | 5.160  | 13327099 | 110383   | 4.552    | <MDL #   |
| 5)                          | MB Aldrin       | 0.000  | 5.458  | 0        | 209104   | N.D.     | <MDL     |
| 6)                          | B beta-BHC      | 4.412  | 4.825  | 13327099 | 64768794 | 10.009   | 12.440   |
| 7)                          | B delta-BHC     | 0.000  | 5.005f | 0        | 7215606  | N.D.     | 0.746    |
| 9)                          | A Endosulfan I  | 0.000  | 6.196  | 0        | 306205   | N.D.     | <MDL     |
| 10)                         | B trans-Chl...  | 0.000  | 6.079  | 0        | 637522   | N.D.     | <MDL     |
| 11)                         | B cis-Chlor...  | 0.000  | 6.147  | 0        | 1990384  | N.D.     | 0.225    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.308  | 0        | 1291303  | N.D.     | 0.163    |
| 13)                         | MA Dieldrin     | 0.000  | 6.452  | 0        | 1245368  | N.D.     | 0.147    |
| 14)                         | MA Endrin       | 5.980  | 6.675  | 99941688 | 305.3E6  | 42.039   | 57.673 # |
| 15)                         | B Endosulfa...  | 6.195f | 6.888  | 16139545 | 2127878  | 7.185    | 0.299 #  |
| 16)                         | A 4,4'-DDD      | 6.106  | 6.801  | 2037506  | 4635319  | 0.981    | 0.695 #  |
| 17)                         | MA 4,4'-DDT     | 6.344  | 7.098  | 180.9E6  | 546.1E6  | 90.919   | 83.262   |
| 18)                         | B Endrin al...  | 6.420  | 7.014  | 2167268  | 2647067  | 1.384    | 0.499 #  |
| 19)                         | B Endosulfa...  | 0.000  | 7.289f | 0        | 309697   | N.D.     | <MDL     |
| 20)                         | A Methoxychlor  | 6.892  | 7.559  | 220.4E6  | 678.9E6  | 212.587  | 209.046  |
| 21)                         | B Endrin ke...  | 7.124  | 7.709  | 4220529  | 6733631  | 1.828    | 0.939 #  |
| 22)                         | Toxaphene-1     | 0.000  | 6.387  | 0        | 1907141  | N.D.     | 51.756   |
| 23)                         | Toxaphene-2     | 6.195  | 6.599  | 16139545 | 62360    | 950.417  | 0.992 #  |
| 24)                         | Toxaphene-3     | 6.344  | 7.098  | 180.9E6  | 546.1E6  | 4548.533 | 5035.585 |
| 26)                         | Toxaphene-5     | 7.037  | 7.645  | 640647   | 4012175  | 15.392   | 50.607 # |
| -----                       |                 |        |        |          |          |          |          |

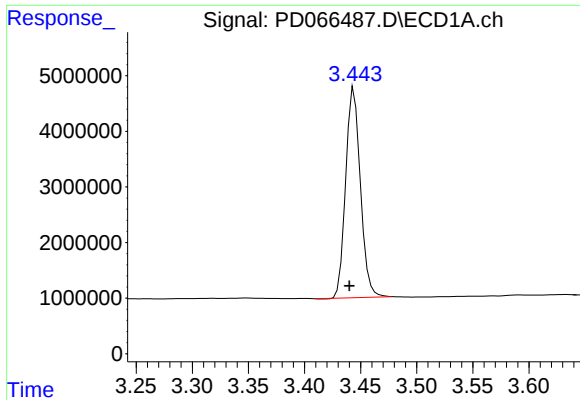
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102121\  
Data File : PD066487.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2021 17:23  
Operator : AJ\MA  
Sample : PEM125  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 02:24:39 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 19 10:18:55 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

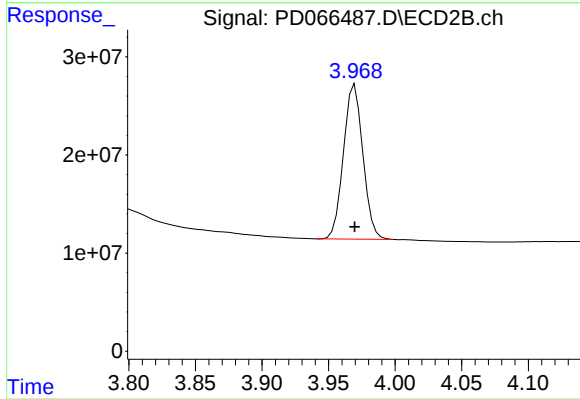




#1 Tetrachloro-m-xylene

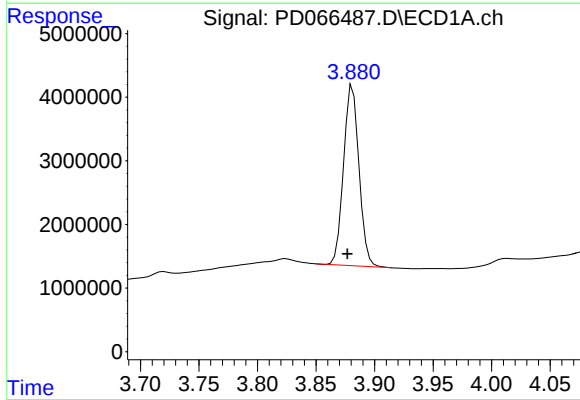
R.T.: 3.444 min  
Delta R.T.: 0.004 min  
Response: 34419023  
Conc: 16.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



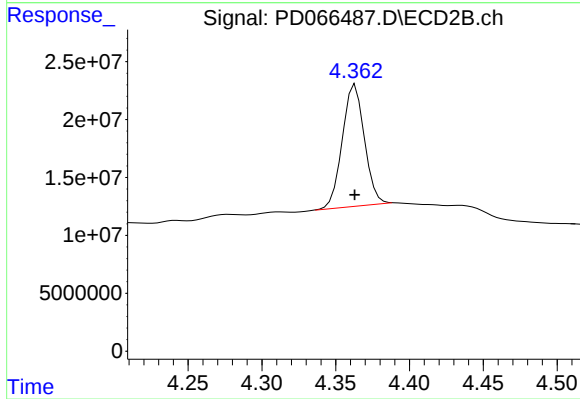
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 160125090  
Conc: 17.97 ng/ml



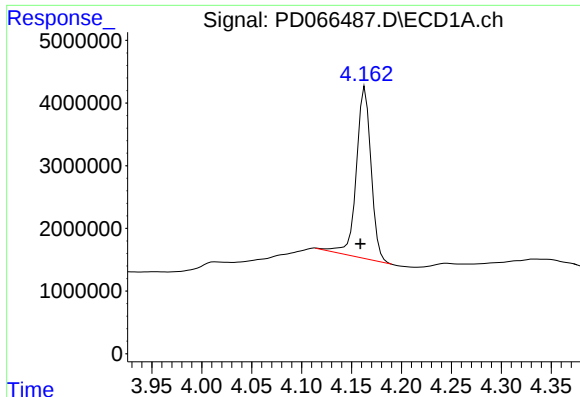
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.004 min  
Response: 25970401  
Conc: 8.32 ng/ml



#2 alpha-BHC

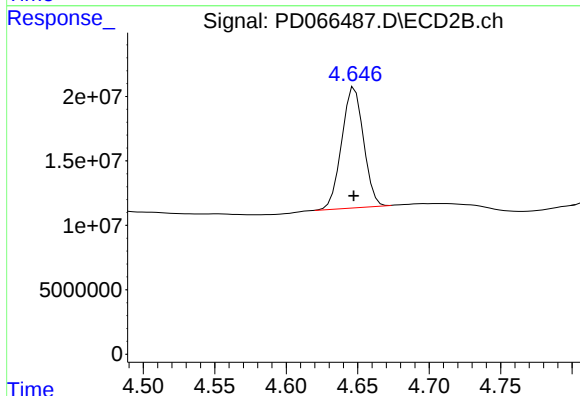
R.T.: 4.363 min  
Delta R.T.: 0.000 min  
Response: 110529533  
Conc: 9.51 ng/ml



#3 gamma-BHC (Lindane)

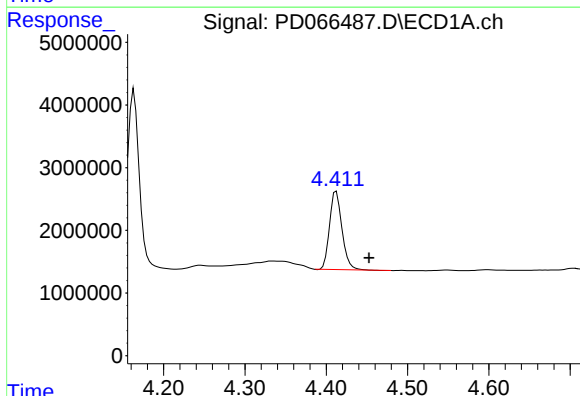
R.T.: 4.164 min  
Delta R.T.: 0.005 min  
Response: 27859903  
Conc: 9.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



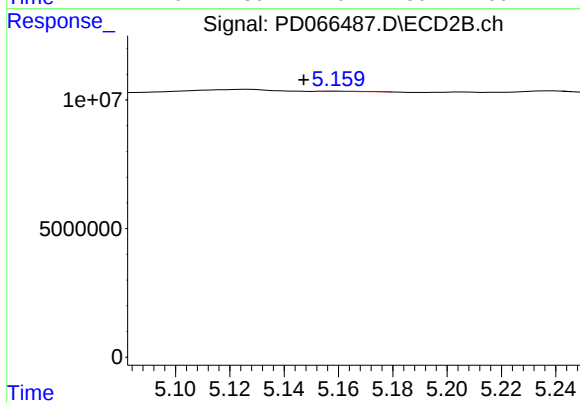
#3 gamma-BHC (Lindane)

R.T.: 4.648 min  
Delta R.T.: 0.000 min  
Response: 99400361  
Conc: 9.01 ng/ml



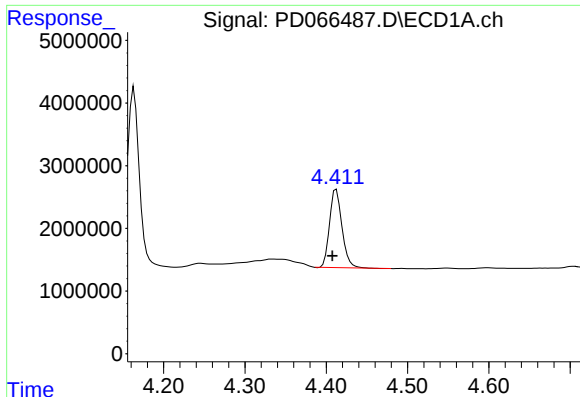
#4 Heptachlor

R.T.: 4.412 min  
Delta R.T.: -0.040 min  
Response: 13327099  
Conc: 4.55 ng/ml



#4 Heptachlor

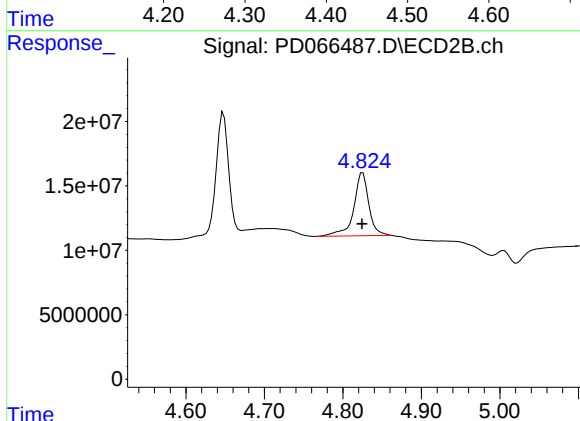
R.T.: 5.160 min  
Delta R.T.: 0.013 min  
Response: 110383  
Conc: N.D.



#6 beta-BHC

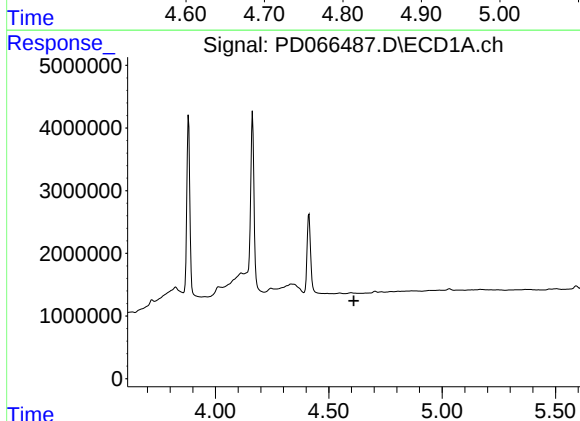
R.T.: 4.412 min  
Delta R.T.: 0.005 min  
Response: 13327099  
Conc: 10.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



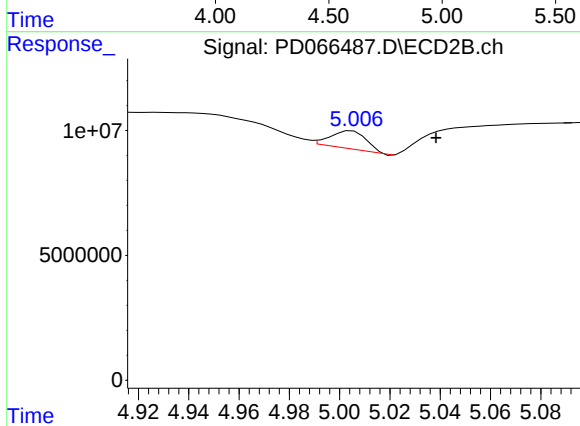
#6 beta-BHC

R.T.: 4.825 min  
Delta R.T.: 0.000 min  
Response: 64768794  
Conc: 12.44 ng/ml



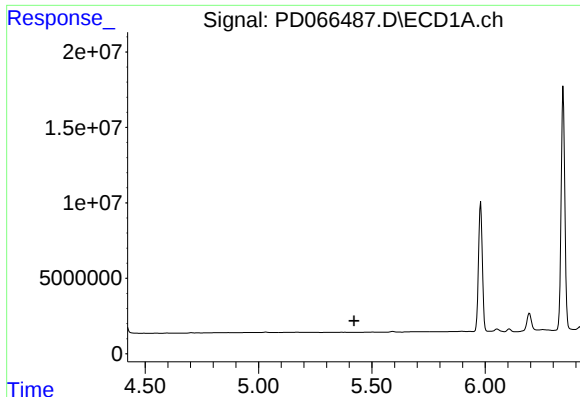
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.610 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

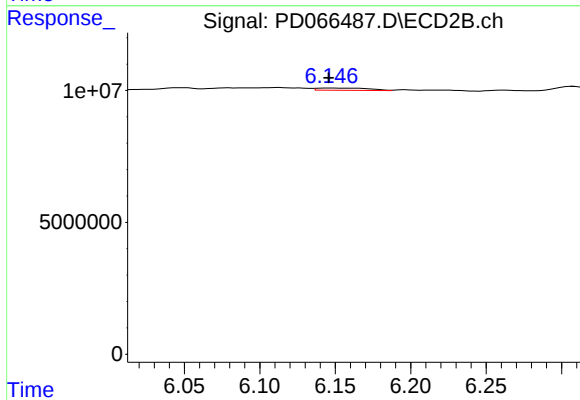
R.T.: 5.005 min  
Delta R.T.: -0.033 min  
Response: 7215606  
Conc: 0.75 ng/ml



#11 cis-Chlordane

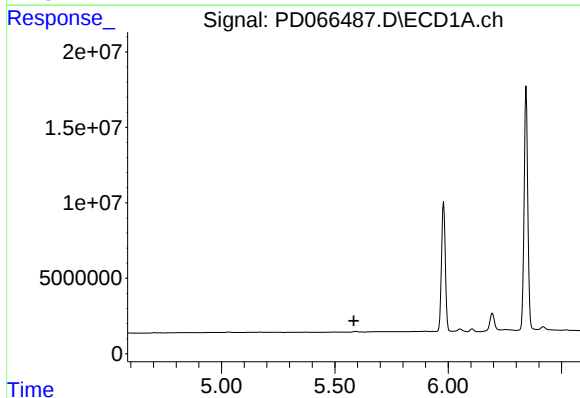
R.T.: 0.000 min  
Exp R.T.: 5.421 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



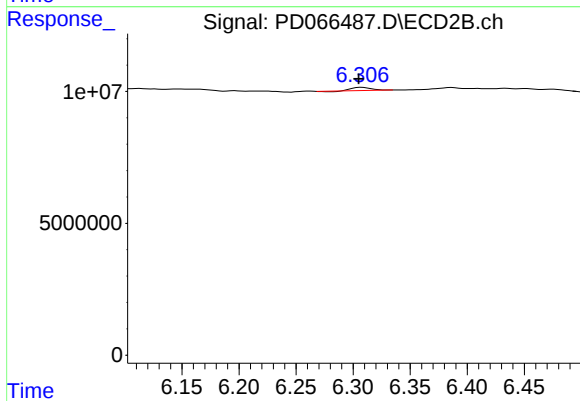
#11 cis-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.001 min  
Response: 1990384  
Conc: 0.22 ng/ml



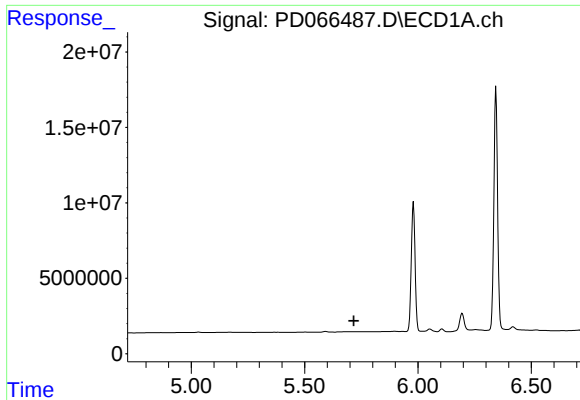
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.584 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

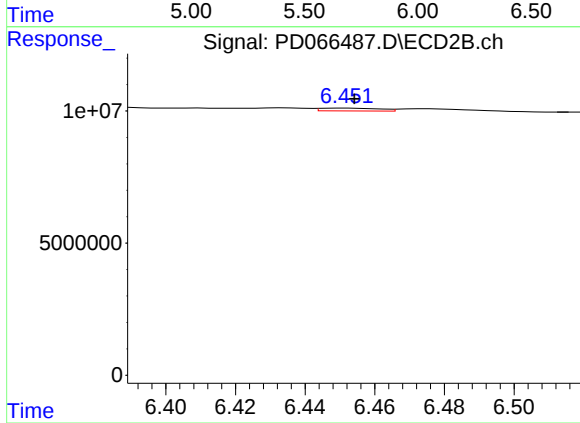
R.T.: 6.308 min  
Delta R.T.: 0.003 min  
Response: 1291303  
Conc: 0.16 ng/ml



#13 Dieldrin

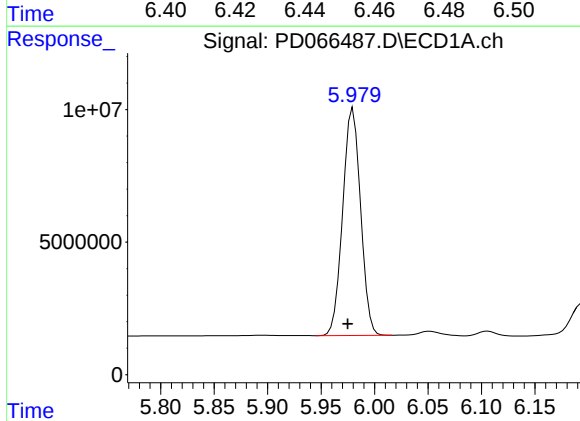
R.T.: 0.000 min  
Exp R.T.: 5.718 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



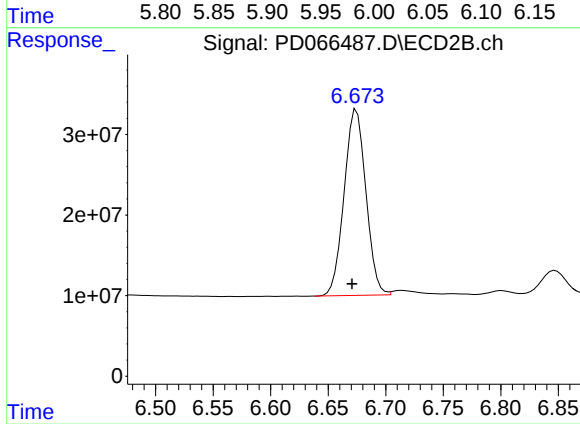
#13 Dieldrin

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 1245368  
Conc: 0.15 ng/ml



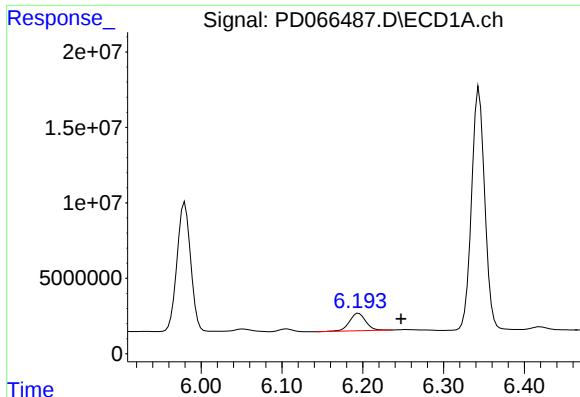
#14 Endrin

R.T.: 5.980 min  
Delta R.T.: 0.005 min  
Response: 99941688  
Conc: 42.04 ng/ml



#14 Endrin

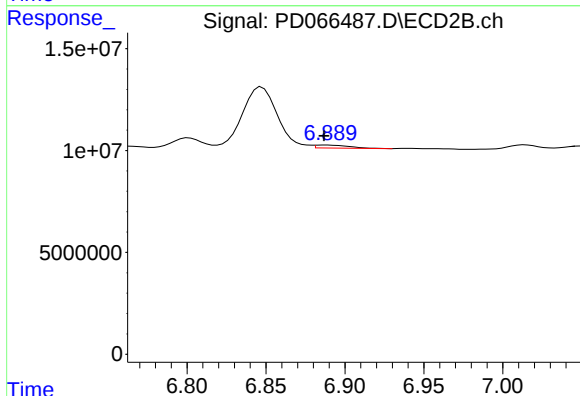
R.T.: 6.675 min  
Delta R.T.: 0.004 min  
Response: 305252718  
Conc: 57.67 ng/ml



#15 Endosulfan II

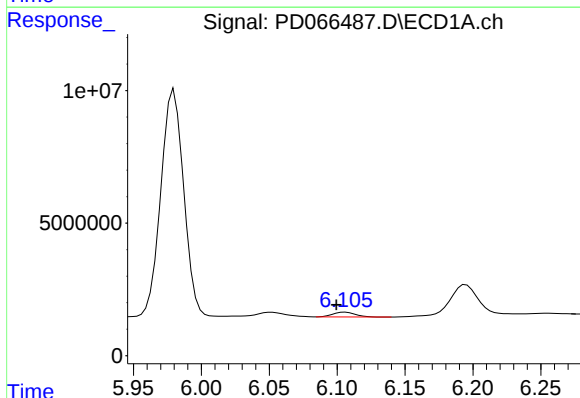
R.T.: 6.195 min  
Delta R.T.: -0.052 min  
Response: 16139545  
Conc: 7.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



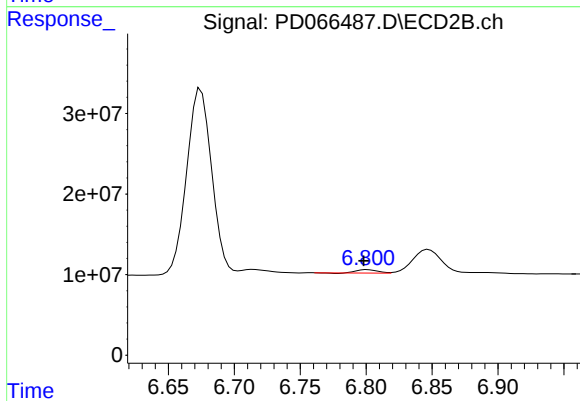
#15 Endosulfan II

R.T.: 6.888 min  
Delta R.T.: 0.000 min  
Response: 2127878  
Conc: 0.30 ng/ml



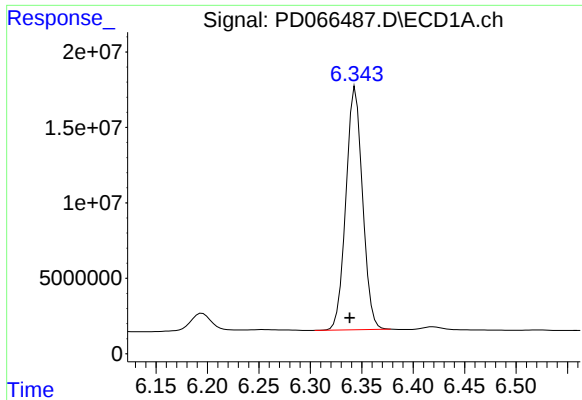
#16 4,4'-DDD

R.T.: 6.106 min  
Delta R.T.: 0.007 min  
Response: 2037506  
Conc: 0.98 ng/ml



#16 4,4'-DDD

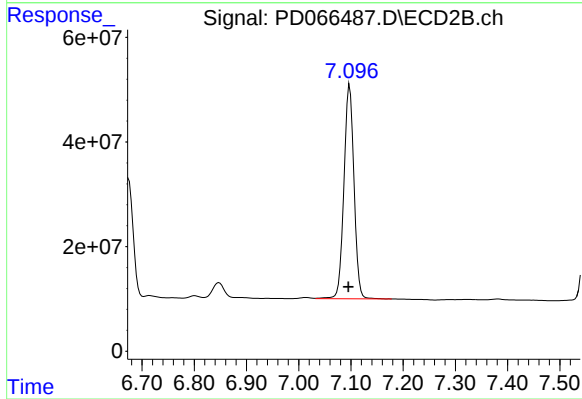
R.T.: 6.801 min  
Delta R.T.: 0.003 min  
Response: 4635319  
Conc: 0.69 ng/ml



#17 4,4'-DDT

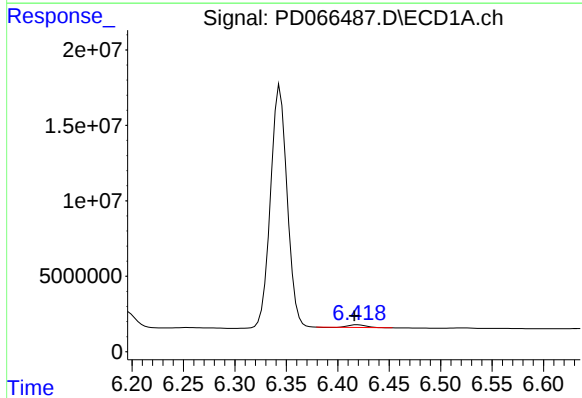
R.T.: 6.344 min  
Delta R.T.: 0.006 min  
Response: 180919425  
Conc: 90.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



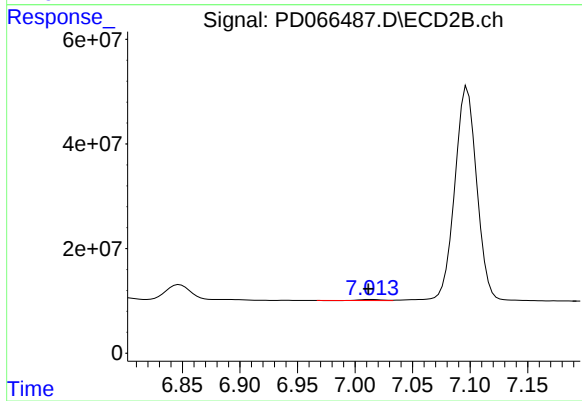
#17 4,4'-DDT

R.T.: 7.098 min  
Delta R.T.: 0.002 min  
Response: 546056111  
Conc: 83.26 ng/ml



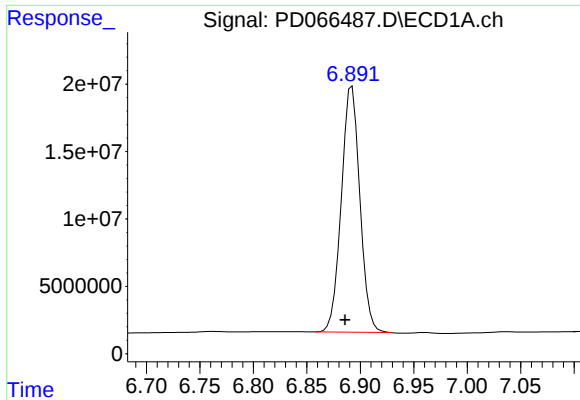
#18 Endrin aldehyde

R.T.: 6.420 min  
Delta R.T.: 0.003 min  
Response: 2167268  
Conc: 1.38 ng/ml



#18 Endrin aldehyde

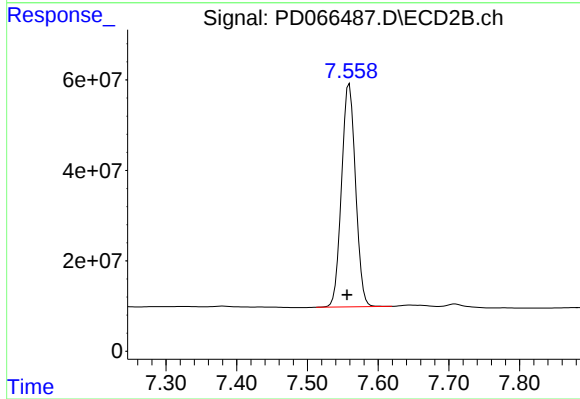
R.T.: 7.014 min  
Delta R.T.: 0.002 min  
Response: 2647067  
Conc: 0.50 ng/ml



#20 Methoxychlor

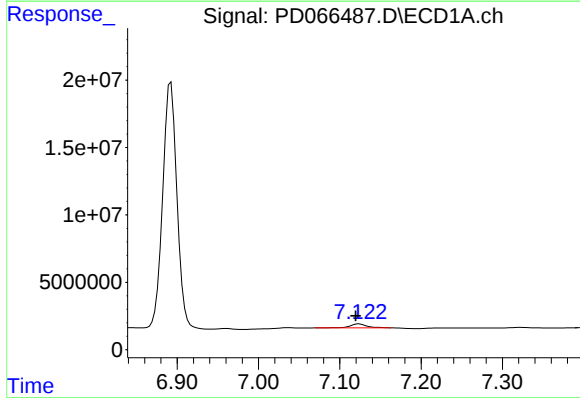
R.T.: 6.892 min  
Delta R.T.: 0.007 min  
Response: 220430695  
Conc: 212.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



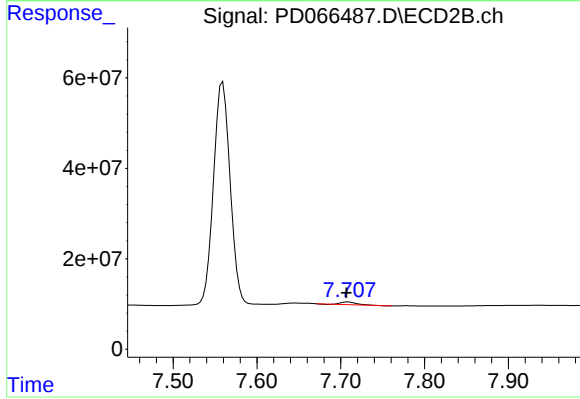
#20 Methoxychlor

R.T.: 7.559 min  
Delta R.T.: 0.003 min  
Response: 678913496  
Conc: 209.05 ng/ml



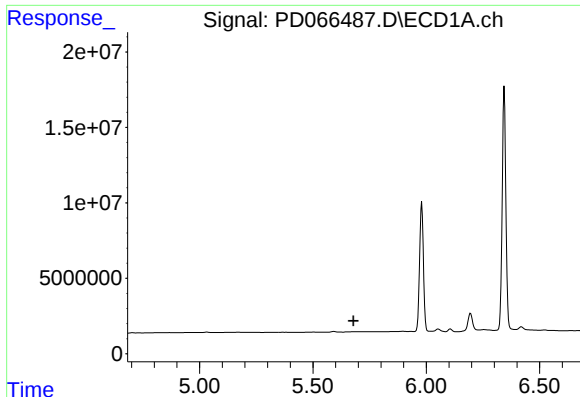
#21 Endrin ketone

R.T.: 7.124 min  
Delta R.T.: 0.004 min  
Response: 4220529  
Conc: 1.83 ng/ml



#21 Endrin ketone

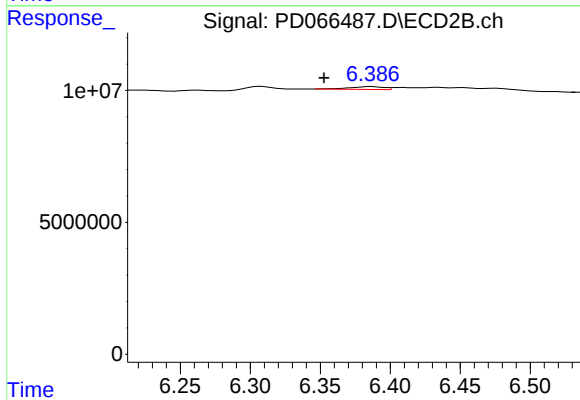
R.T.: 7.709 min  
Delta R.T.: 0.002 min  
Response: 6733631  
Conc: 0.94 ng/ml



#22 Toxaphene-1

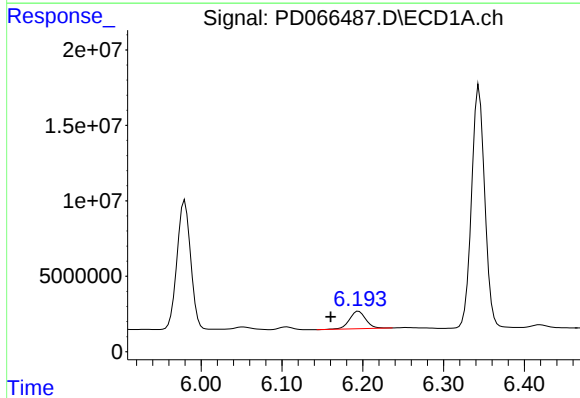
R.T.: 0.000 min  
Exp R.T.: 5.679 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



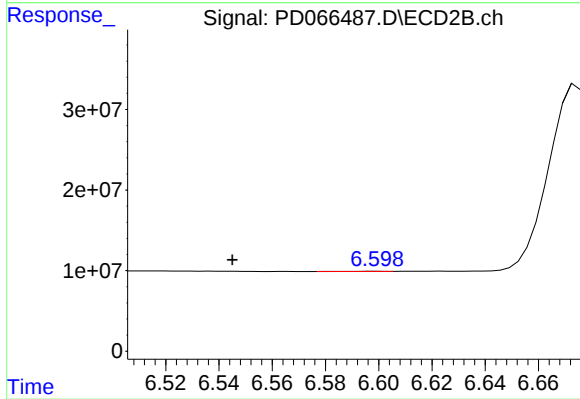
#22 Toxaphene-1

R.T.: 6.387 min  
Delta R.T.: 0.034 min  
Response: 1907141  
Conc: 51.76 ng/ml



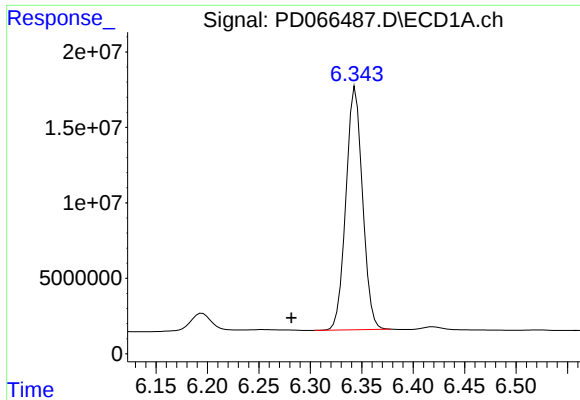
#23 Toxaphene-2

R.T.: 6.195 min  
Delta R.T.: 0.034 min  
Response: 16139545  
Conc: 950.42 ng/ml



#23 Toxaphene-2

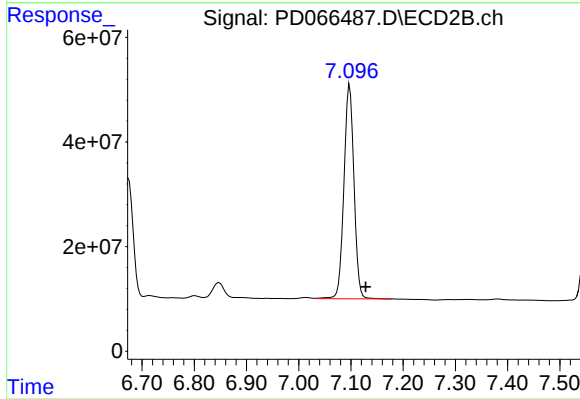
R.T.: 6.599 min  
Delta R.T.: 0.054 min  
Response: 62360  
Conc: 0.99 ng/ml



#24 Toxaphene-3

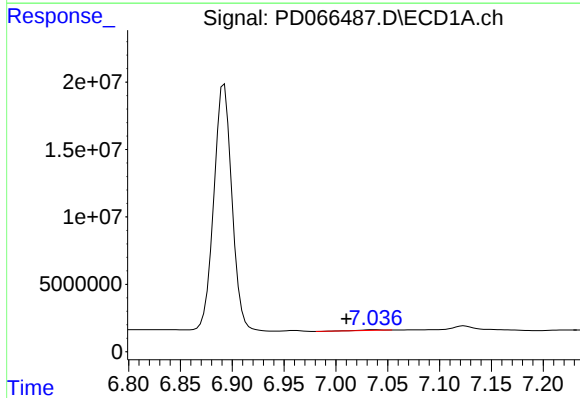
R.T.: 6.344 min  
Delta R.T.: 0.062 min  
Response: 180919425  
Conc: 4548.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



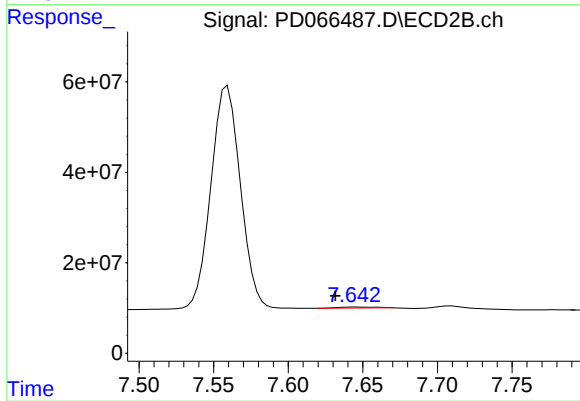
#24 Toxaphene-3

R.T.: 7.098 min  
Delta R.T.: -0.031 min  
Response: 546056111  
Conc: 5035.58 ng/ml



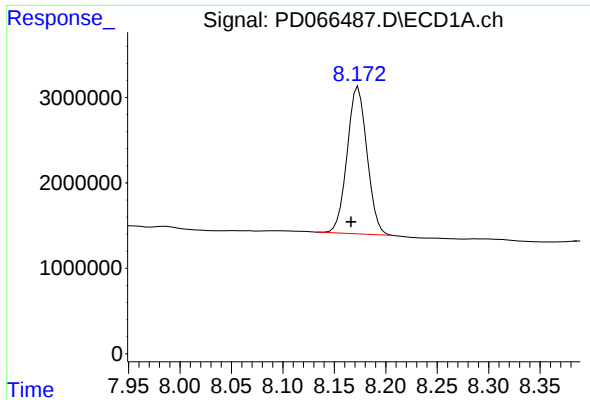
#26 Toxaphene-5

R.T.: 7.037 min  
Delta R.T.: 0.027 min  
Response: 640647  
Conc: 15.39 ng/ml



#26 Toxaphene-5

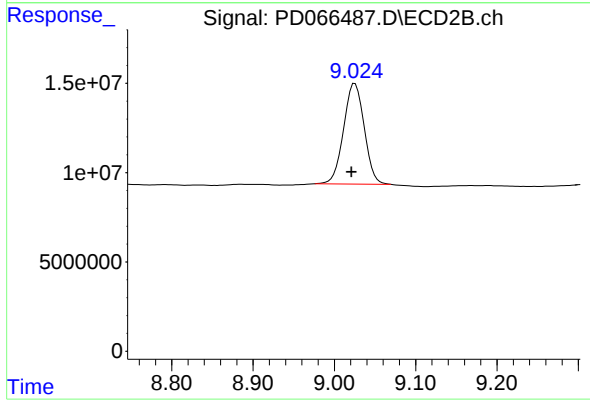
R.T.: 7.645 min  
Delta R.T.: 0.013 min  
Response: 4012175  
Conc: 50.61 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.173 min  
Delta R.T.: 0.007 min  
Response: 23125267  
Conc: 17.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.004 min  
Response: 99206252  
Conc: 20.89 ng/ml