

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011221\  
 Data File : PD060982.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jan 2021 08:58  
 Operator : DD\AJ  
 Sample : PEM46  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM046

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 13 00:39:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD010721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 08 03:28:22 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... | 3.498 | 4.021  | 26880985 | 140.8E6  | 20.252   | 20.277     |
| 27)                         | SA Decachlor... | 8.280 | 9.104  | 32381450 | 124.9E6  | 20.124   | 20.258     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.938 | 4.411  | 20089776 | 109.3E6  | 10.305   | 10.252     |
| 3)                          | MA gamma-BHC... | 4.224 | 4.697  | 19200954 | 98146224 | 10.268   | 10.016     |
| 6)                          | B beta-BHC      | 4.473 | 4.865  | 8900349  | 41835016 | 10.934   | 10.541     |
| 7)                          | B delta-BHC     | 0.000 | 5.058f | 0        | 1199594  | N.D.     | 0.127      |
| 8)                          | B Heptachlo...  | 0.000 | 5.963f | 0        | 2647822  | N.D.     | 0.322      |
| 12)                         | B 4,4'-DDE      | 5.676 | 6.365  | 737841   | 2717820  | 0.425    | 0.365      |
| 14)                         | MA Endrin       | 6.069 | 6.735  | 76718177 | 304.6E6  | 48.524   | 46.909     |
| 15)                         | B Endosulfa...  | 0.000 | 6.951  | 0        | 3281607  | N.D.     | 0.528      |
| 16)                         | A 4,4'-DDD      | 6.194 | 6.855  | 1931234  | 9226039  | 1.381    | 1.582      |
| 17)                         | MA 4,4'-DDT     | 6.436 | 7.154  | 154.7E6  | 597.4E6  | 99.292   | 96.753     |
| 18)                         | B Endrin al...  | 6.510 | 7.067  | 1550002  | 5902261  | 1.246    | 1.123      |
| 19)                         | B Endosulfa...  | 0.000 | 7.247f | 0        | 1203747  | N.D.     | 0.195      |
| 20)                         | A Methoxychlor  | 6.983 | 7.610  | 177.6E6  | 661.2E6  | 232.366  | 232.173    |
| 21)                         | B Endrin ke...  | 7.218 | 7.762  | 5478807  | 11603838 | 3.296    | 1.789 #    |
| 22)                         | Toxaphene-1     | 0.000 | 6.365  | 0        | 2717820  | N.D.     | 51.620     |
| 23)                         | Toxaphene-2     | 0.000 | 6.735  | 0        | 304.6E6  | N.D.     | 4950.403   |
| 24)                         | Toxaphene-3     | 6.194 | 7.154  | 1931234  | 597.4E6  | 104.735  | 6833.599 # |
| 25)                         | Toxaphene-4     | 6.436 | 7.154  | 154.7E6  | 597.4E6  | 3725.995 | 2494.384 # |
| 26)                         | Toxaphene-5     | 7.053 | 0.000  | 857505   | 0        | 19.157   | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

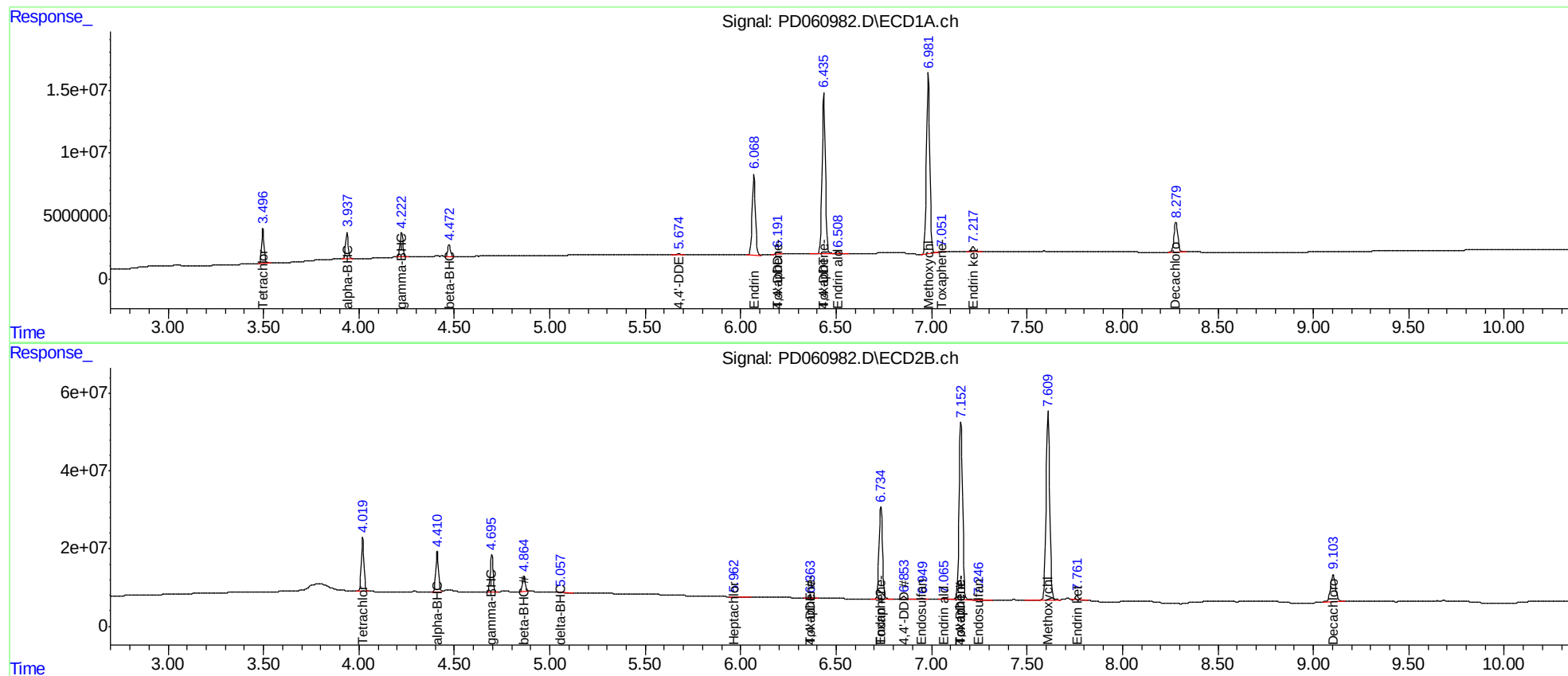
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

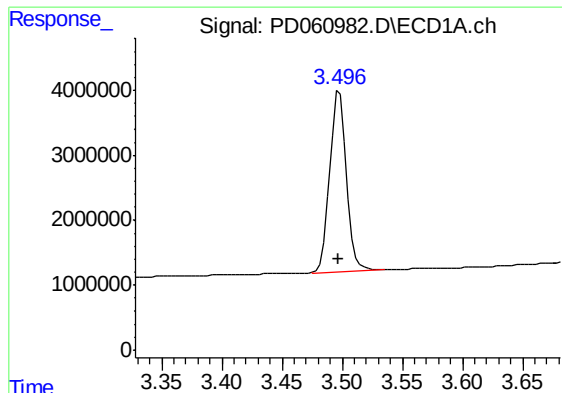
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011221\  
Data File : PD060982.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jan 2021 08:58  
Operator : DD\AJ  
Sample : PEM46  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 13 00:39:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD010721CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 08 03:28:22 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

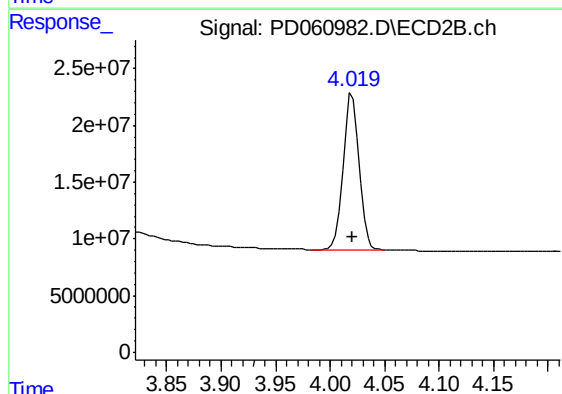




#1 Tetrachloro-m-xylene

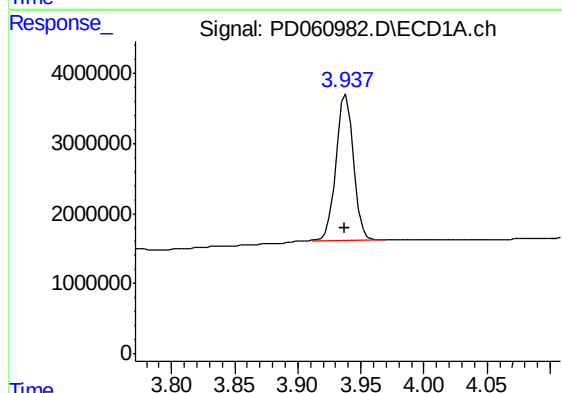
R.T.: 3.498 min  
Delta R.T.: 0.000 min  
Response: 26880985  
Conc: 20.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



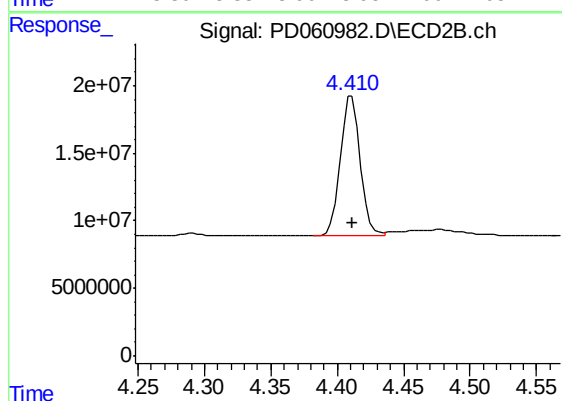
#1 Tetrachloro-m-xylene

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 140812592  
Conc: 20.28 ng/ml



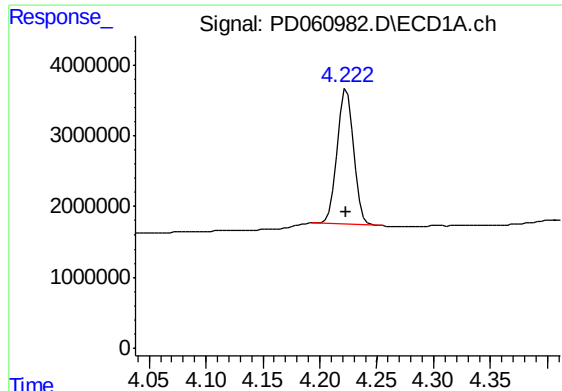
#2 alpha-BHC

R.T.: 3.938 min  
Delta R.T.: 0.001 min  
Response: 20089776  
Conc: 10.31 ng/ml



#2 alpha-BHC

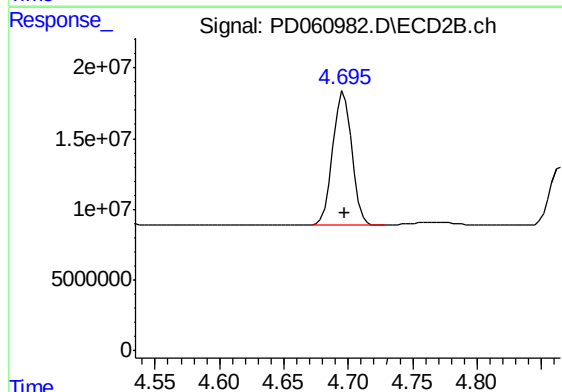
R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 109250276  
Conc: 10.25 ng/ml



#3 gamma-BHC (Lindane)

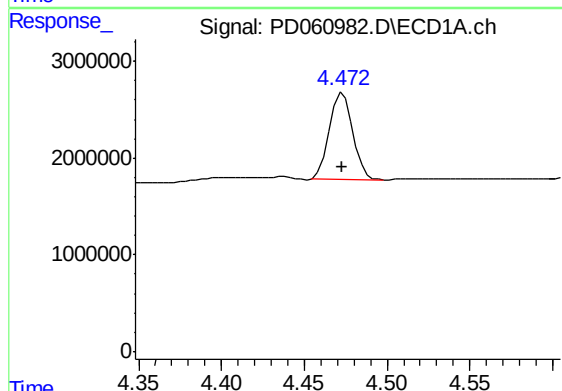
R.T.: 4.224 min  
Delta R.T.: 0.001 min  
Response: 19200954  
Conc: 10.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



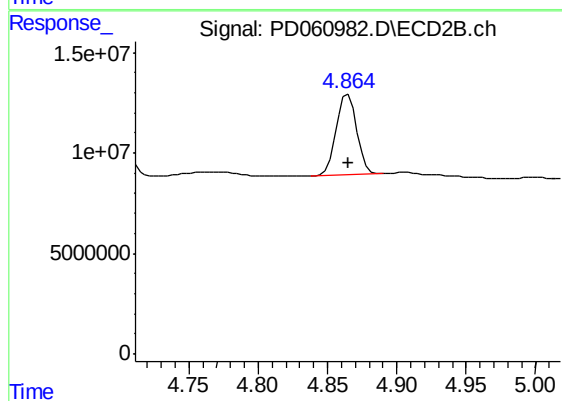
#3 gamma-BHC (Lindane)

R.T.: 4.697 min  
Delta R.T.: 0.000 min  
Response: 98146224  
Conc: 10.02 ng/ml



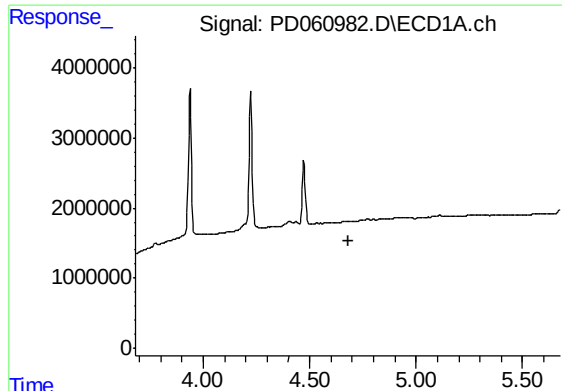
#6 beta-BHC

R.T.: 4.473 min  
Delta R.T.: 0.000 min  
Response: 8900349  
Conc: 10.93 ng/ml



#6 beta-BHC

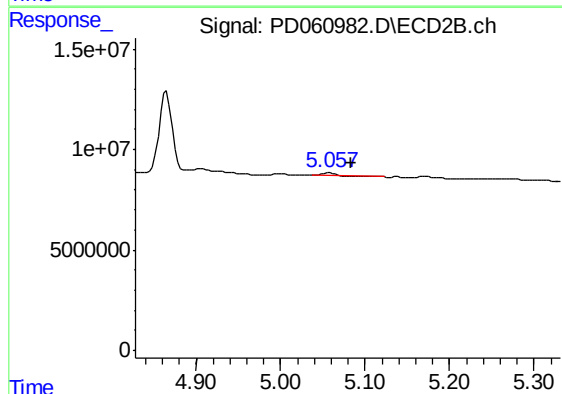
R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 41835016  
Conc: 10.54 ng/ml



#7 delta-BHC

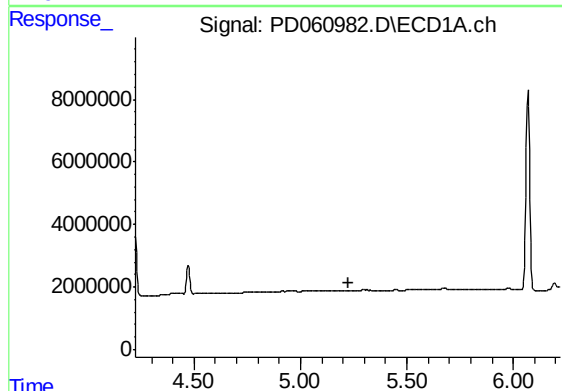
R.T.: 0.000 min  
Exp R.T. : 4.680 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



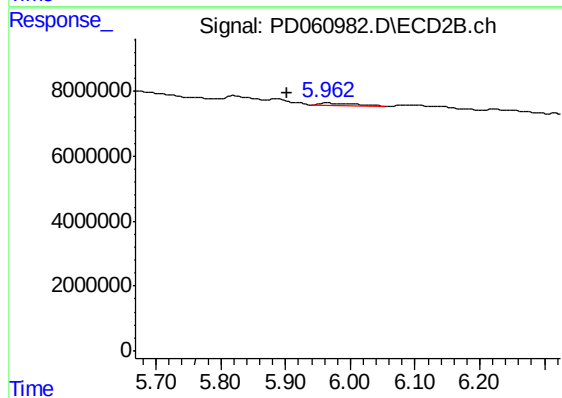
#7 delta-BHC

R.T.: 5.058 min  
Delta R.T.: -0.025 min  
Response: 1199594  
Conc: 0.13 ng/ml



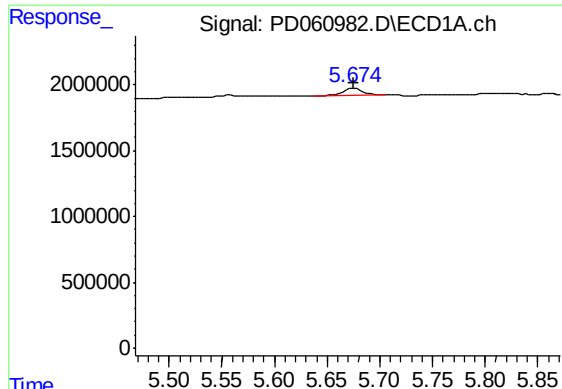
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.224 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

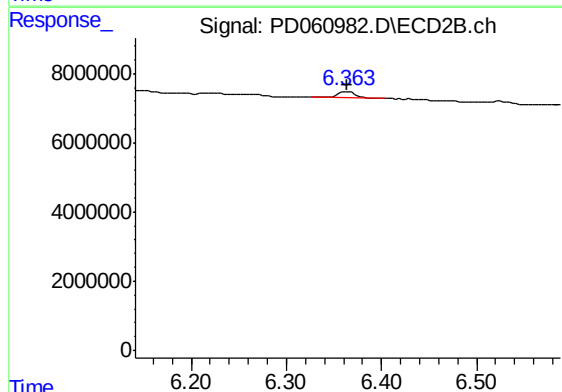
R.T.: 5.963 min  
Delta R.T.: 0.061 min  
Response: 2647822  
Conc: 0.32 ng/ml



#12 4,4'-DDE

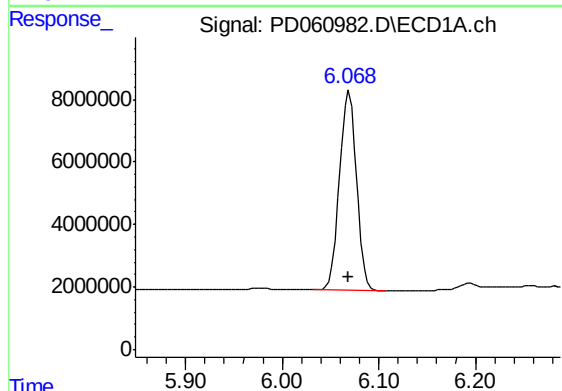
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 737841  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



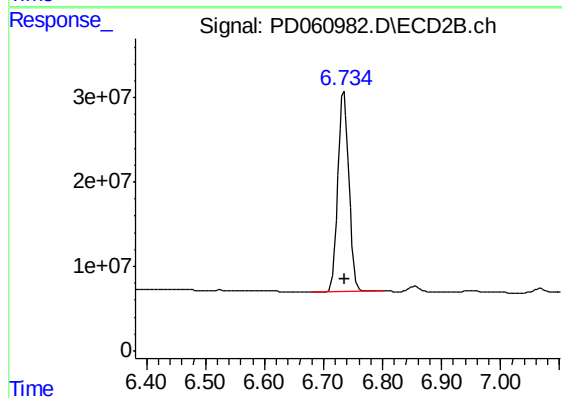
#12 4,4'-DDE

R.T.: 6.365 min  
Delta R.T.: 0.000 min  
Response: 2717820  
Conc: 0.37 ng/ml



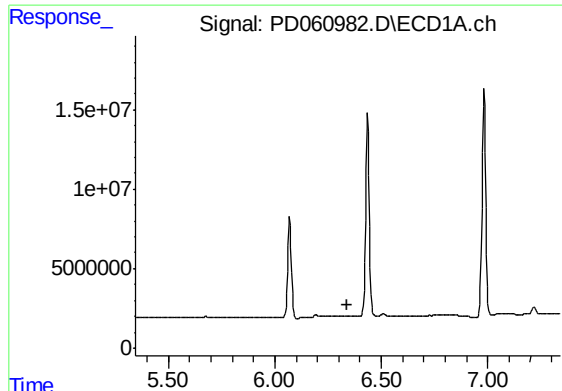
#14 Endrin

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 76718177  
Conc: 48.52 ng/ml



#14 Endrin

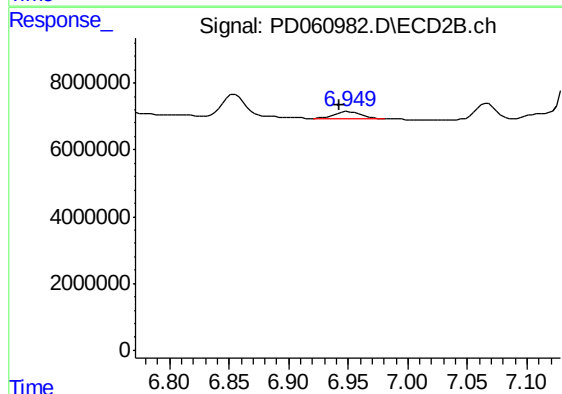
R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: 304633350  
Conc: 46.91 ng/ml



#15 Endosulfan II

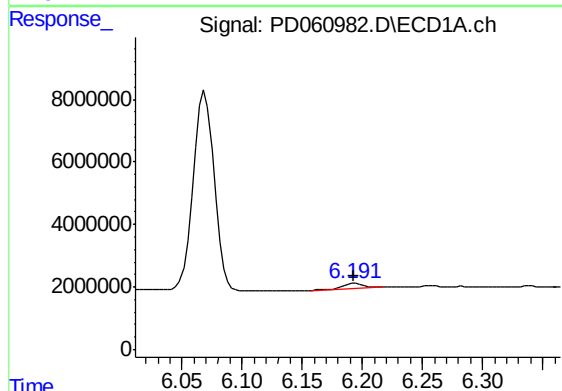
R.T.: 0.000 min  
Exp R.T.: 6.342 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



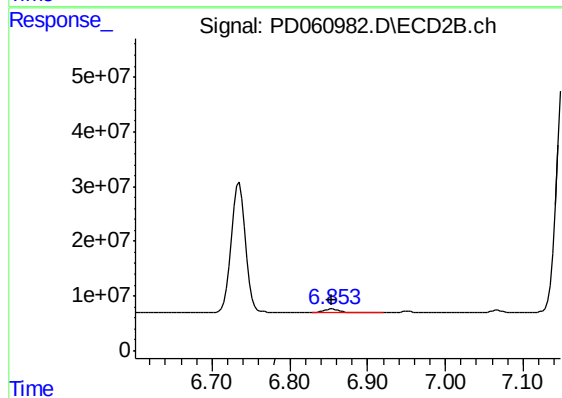
#15 Endosulfan II

R.T.: 6.951 min  
Delta R.T.: 0.008 min  
Response: 3281607  
Conc: 0.53 ng/ml



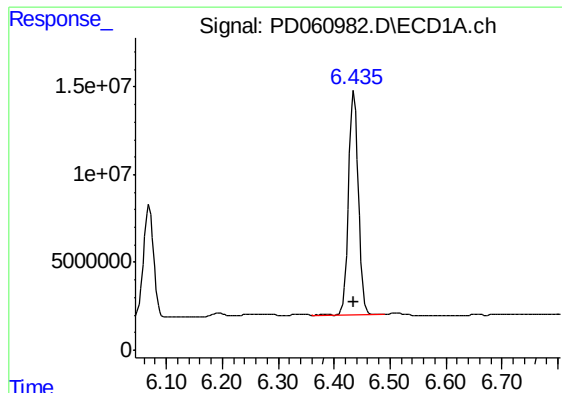
#16 4,4'-DDD

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 1931234  
Conc: 1.38 ng/ml



#16 4,4'-DDD

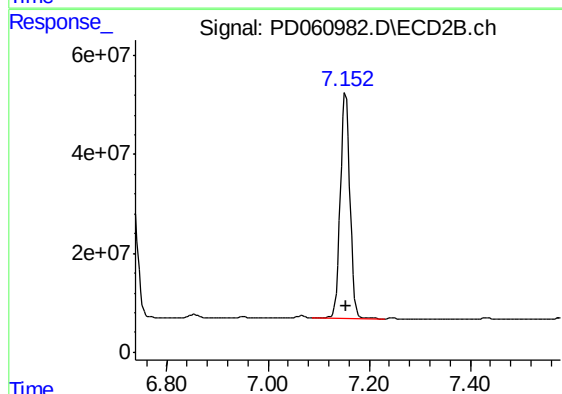
R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 9226039  
Conc: 1.58 ng/ml



#17 4,4'-DDT

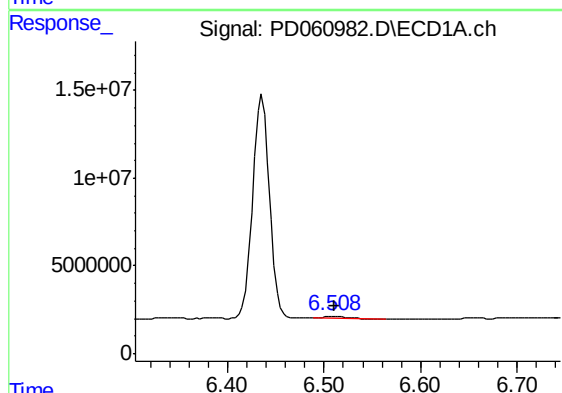
R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 154659314  
Conc: 99.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



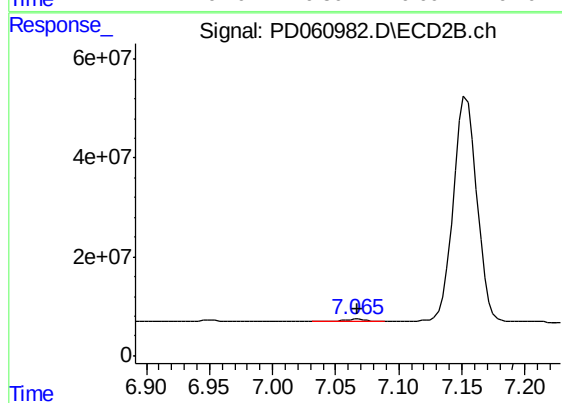
#17 4,4'-DDT

R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 597426499  
Conc: 96.75 ng/ml



#18 Endrin aldehyde

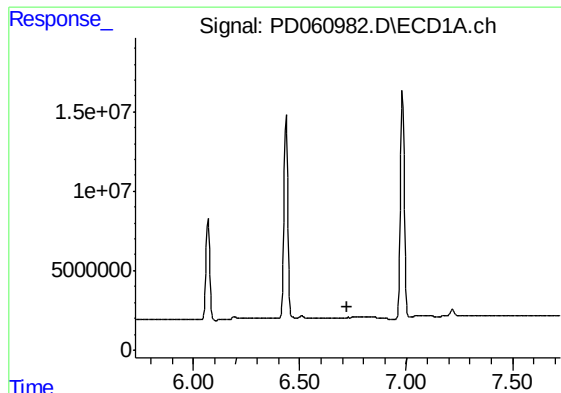
R.T.: 6.510 min  
Delta R.T.: -0.001 min  
Response: 1550002  
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 5902261  
Conc: 1.12 ng/ml

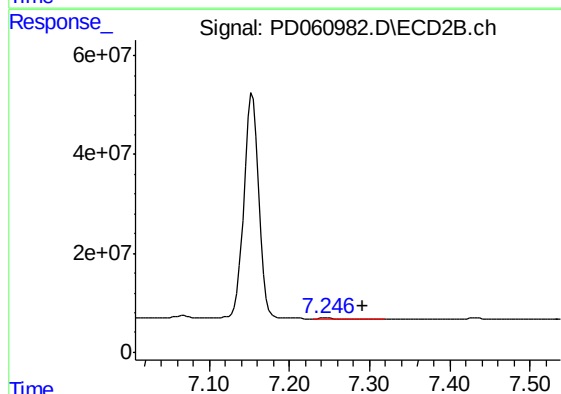




#19 Endosulfan Sulfate

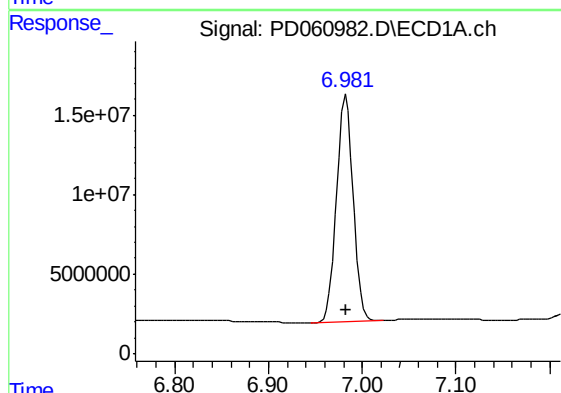
R.T.: 0.000 min  
Exp R.T.: 6.726 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



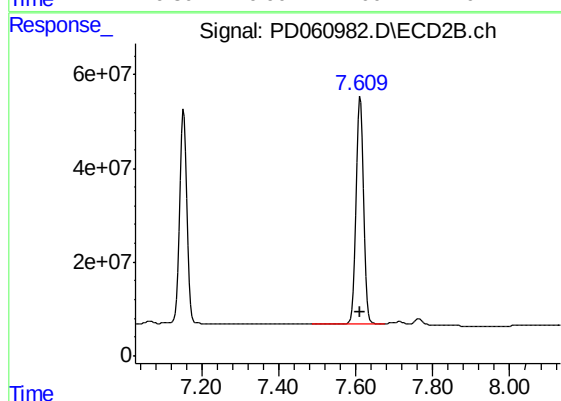
#19 Endosulfan Sulfate

R.T.: 7.247 min  
Delta R.T.: -0.044 min  
Response: 1203747  
Conc: 0.20 ng/ml



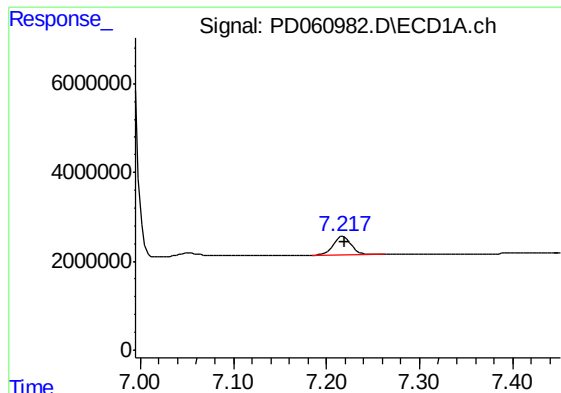
#20 Methoxychlor

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 177600455  
Conc: 232.37 ng/ml



#20 Methoxychlor

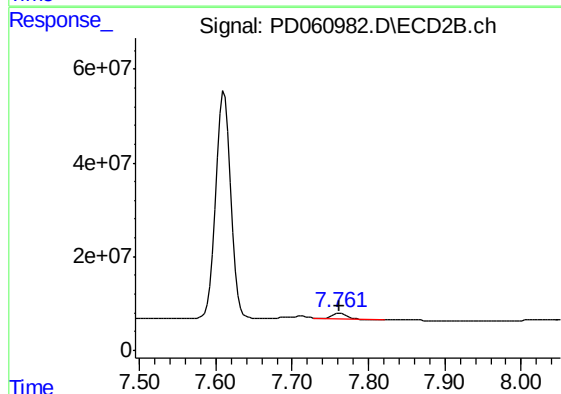
R.T.: 7.610 min  
Delta R.T.: 0.000 min  
Response: 661180829  
Conc: 232.17 ng/ml



#21 Endrin ketone

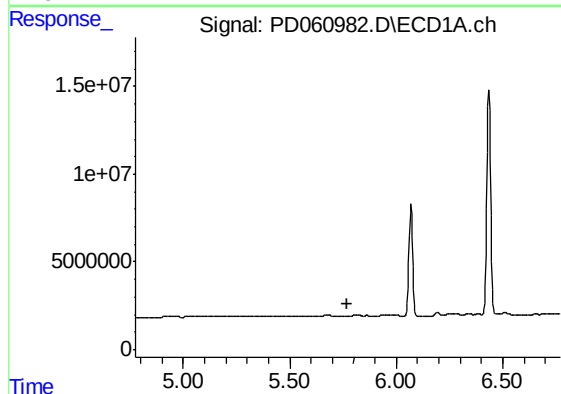
R.T.: 7.218 min  
Delta R.T.: -0.002 min  
Response: 5478807  
Conc: 3.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



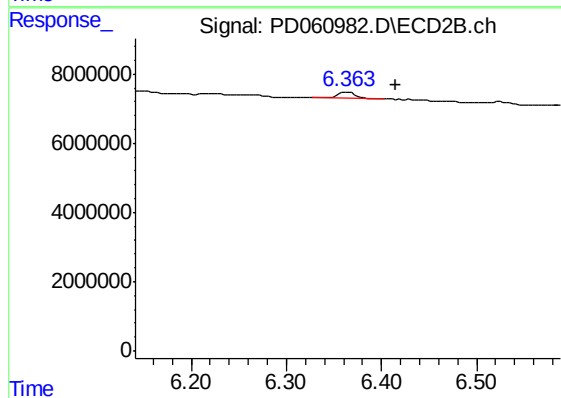
#21 Endrin ketone

R.T.: 7.762 min  
Delta R.T.: -0.001 min  
Response: 11603838  
Conc: 1.79 ng/ml



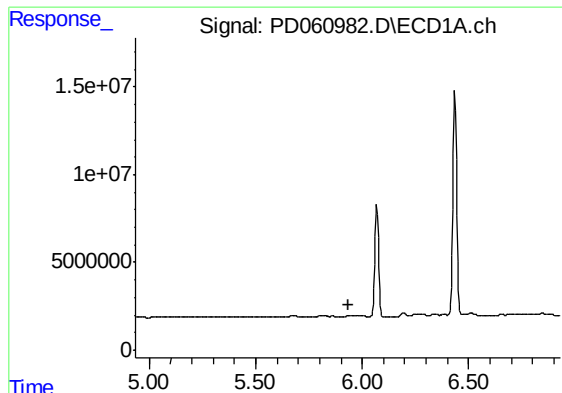
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.771 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

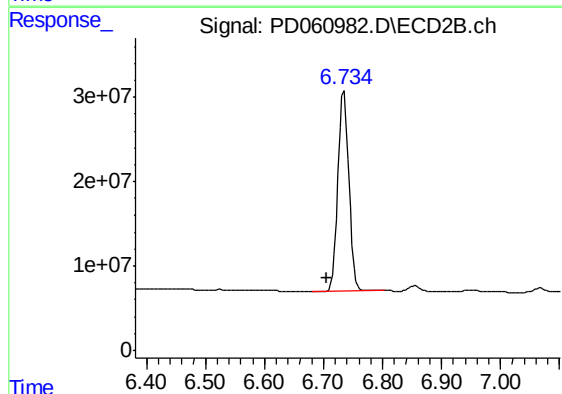
R.T.: 6.365 min  
Delta R.T.: -0.051 min  
Response: 2717820  
Conc: 51.62 ng/ml



#23 Toxaphene-2

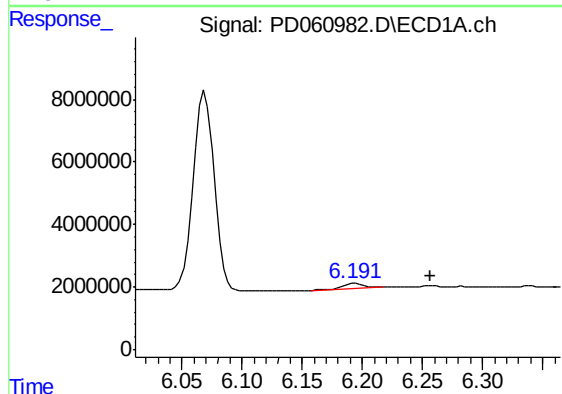
R.T.: 0.000 min  
Exp R.T.: 5.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



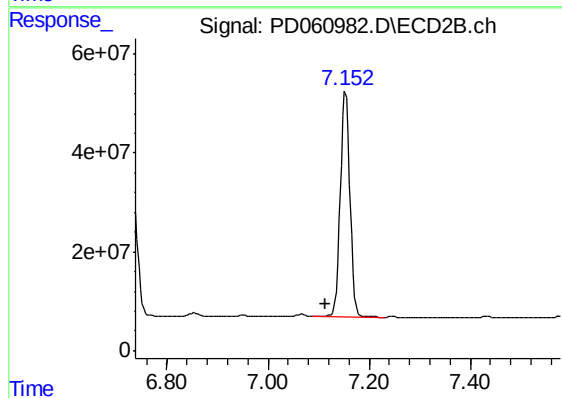
#23 Toxaphene-2

R.T.: 6.735 min  
Delta R.T.: 0.028 min  
Response: 304633350  
Conc: 4950.40 ng/ml



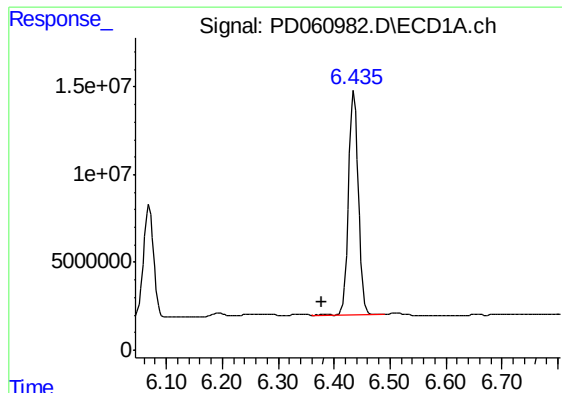
#24 Toxaphene-3

R.T.: 6.194 min  
Delta R.T.: -0.063 min  
Response: 1931234  
Conc: 104.73 ng/ml



#24 Toxaphene-3

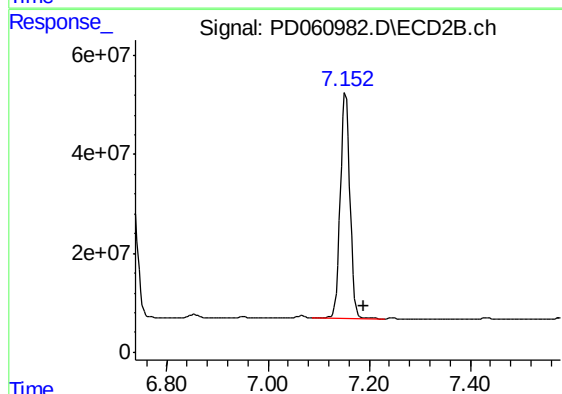
R.T.: 7.154 min  
Delta R.T.: 0.040 min  
Response: 597426499  
Conc: 6833.60 ng/ml



#25 Toxaphene-4

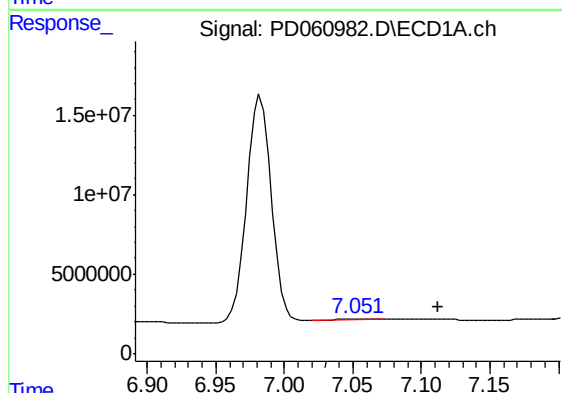
R.T.: 6.436 min  
Delta R.T.: 0.058 min  
Response: 154659314  
Conc: 3725.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



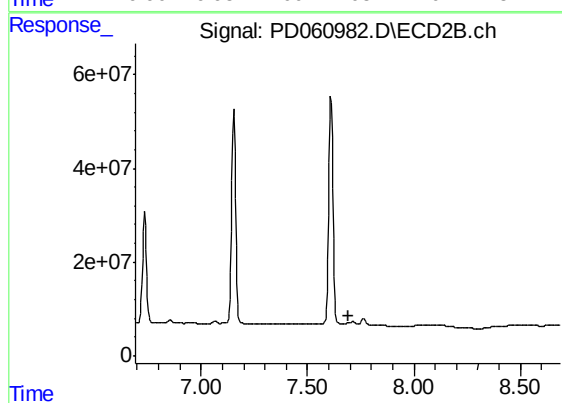
#25 Toxaphene-4

R.T.: 7.154 min  
Delta R.T.: -0.037 min  
Response: 597426499  
Conc: 2494.38 ng/ml



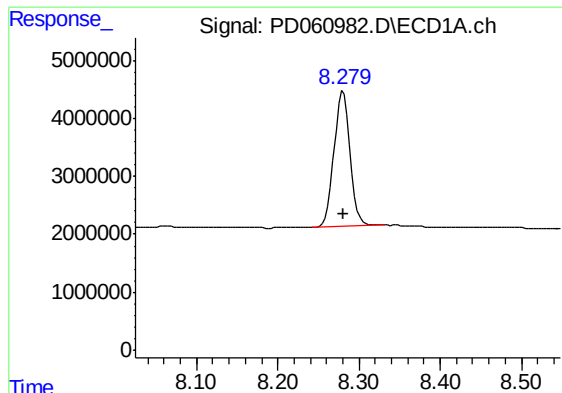
#26 Toxaphene-5

R.T.: 7.053 min  
Delta R.T.: -0.059 min  
Response: 857505  
Conc: 19.16 ng/ml



#26 Toxaphene-5

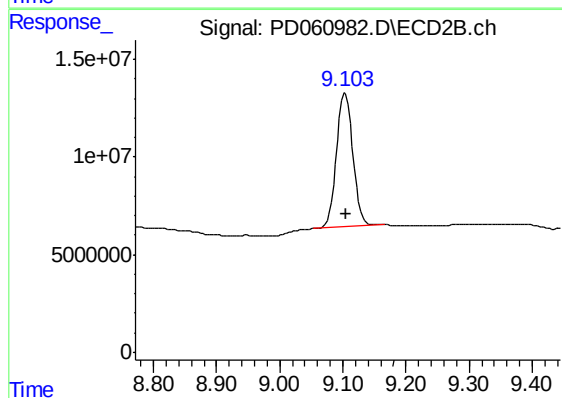
R.T.: 0.000 min  
Exp R.T. : 7.691 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.280 min  
Delta R.T.: 0.000 min  
Response: 32381450  
Conc: 20.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM046



#27 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: 0.000 min  
Response: 124935495  
Conc: 20.26 ng/ml