

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032819\  
 Data File : PD052241.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 Mar 2019 12:57  
 Operator : AJ\SJ  
 Sample : K2065-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BF5J4MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:33:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032519CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 25 18:59:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.221  | 4.041  | 26573535 | 431.6E6  | 18.721   | 14.832     |
| 27)                         | SA Decachlor... | 7.818  | 9.153  | 37702701 | 284.1E6  | 24.078   | 18.405     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.403f | 0        | 76570304 | N.D.     | 1.751      |
| 3)                          | MA gamma-BHC... | 3.909  | 4.721  | 101.6E6  | 1227.6E6 | 45.324   | 30.899 #   |
| 4)                          | MA Heptachlor   | 4.186  | 5.234  | 104.1E6  | 1180.1E6 | 47.322   | 29.422 #   |
| 5)                          | MB Aldrin       | 4.418  | 5.541  | 96006672 | 1034.6E6 | 46.087   | 27.788 #   |
| 6)                          | B beta-BHC      | 4.186f | 4.938f | 104.1E6  | 24690216 | 108.724  | 1.346 #    |
| 8)                          | B Heptachlo...  | 0.000  | 5.981f | 0        | 42316251 | N.D.     | 1.242      |
| 9)                          | A Endosulfan I  | 0.000  | 6.323  | 0        | 4096785  | N.D.     | 0.131      |
| 10)                         | B trans-Chl...  | 0.000  | 6.141  | 0        | 120.8E6  | N.D.     | 3.556      |
| 11)                         | B cis-Chlor...  | 0.000  | 6.239  | 0        | 40719079 | N.D.     | 1.254      |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.392  | 0        | 25334050 | N.D.     | 0.828      |
| 13)                         | MA Dieldrin     | 5.401  | 6.546  | 187.7E6  | 1658.3E6 | 86.514   | 53.205 #   |
| 14)                         | MA Endrin       | 5.649  | 6.765  | 172.1E6  | 1376.0E6 | 96.588   | 59.775 #   |
| 15)                         | B Endosulfa...  | 0.000  | 6.987  | 0        | 28643148 | N.D.     | 1.130      |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.885  | 0        | 14695070 | N.D.     | 0.617      |
| 17)                         | MA 4,4'-DDT     | 6.020  | 7.186  | 130.8E6  | 1066.1E6 | 79.715   | 55.210 #   |
| 18)                         | B Endrin al...  | 6.020f | 0.000  | 130.8E6  | 0        | 85.330   | N.D. #     |
| 21)                         | B Endrin ke...  | 6.720f | 0.000  | 1458879  | 0        | 0.735    | N.D. #     |
| 22)                         | Toxaphene-1     | 5.485  | 6.392  | 3226462  | 25334050 | 252.275  | 188.996 #  |
| 23)                         | Toxaphene-2     | 5.649  | 0.000  | 172.1E6  | 0        | 7850.681 | N.D. #     |
| 24)                         | Toxaphene-3     | 6.020  | 7.186  | 130.8E6  | 1066.1E6 | 3703.169 | 5272.753 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.186  | 0        | 1066.1E6 | N.D.     | 1915.380   |
| 26)                         | Toxaphene-5     | 6.720  | 0.000  | 1458879  | 0        | 33.689   | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

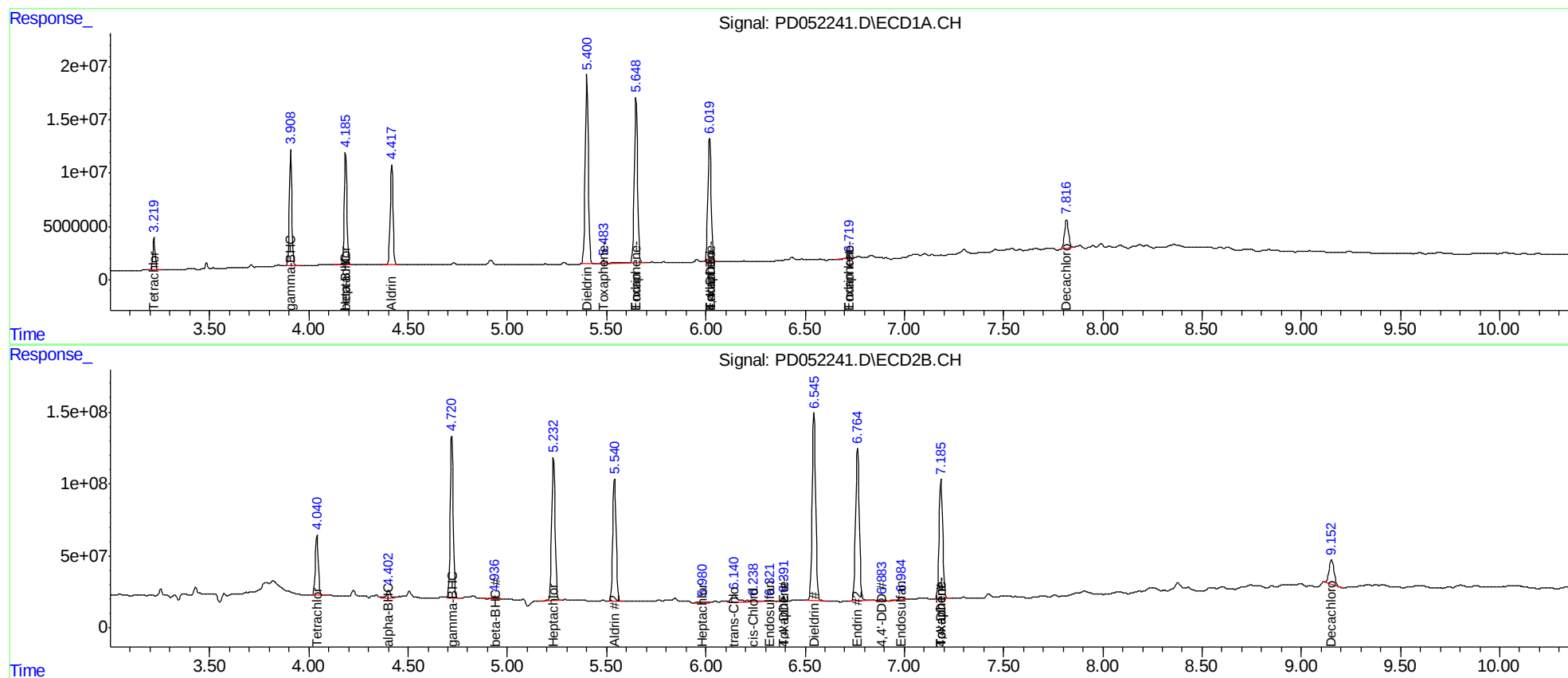
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

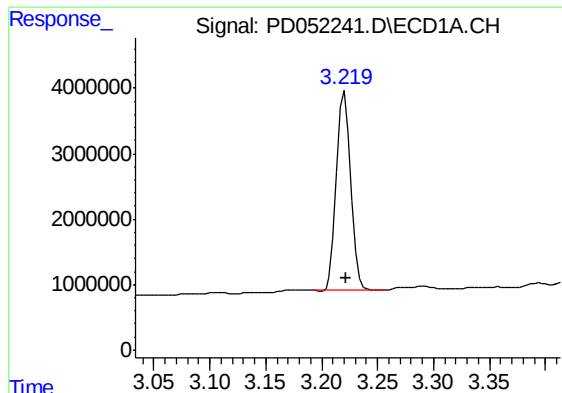
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032819\  
Data File : PD052241.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 Mar 2019 12:57  
Operator : AJ\SJ  
Sample : K2065-02MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:33:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032519CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 25 18:59:03 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

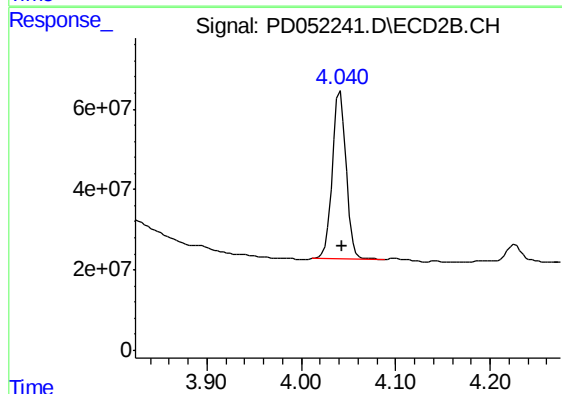




#1 Tetrachloro-m-xylene

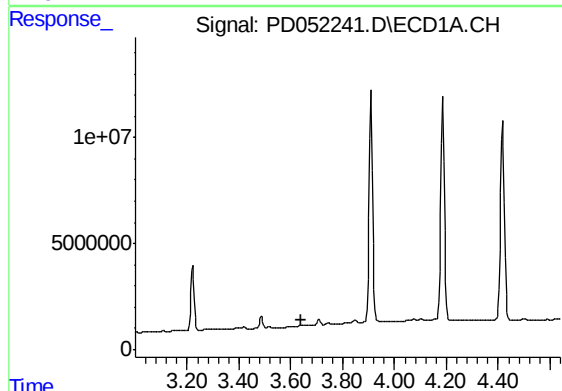
R.T.: 3.221 min  
Delta R.T.: -0.001 min  
Response: 26573535  
Conc: 18.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



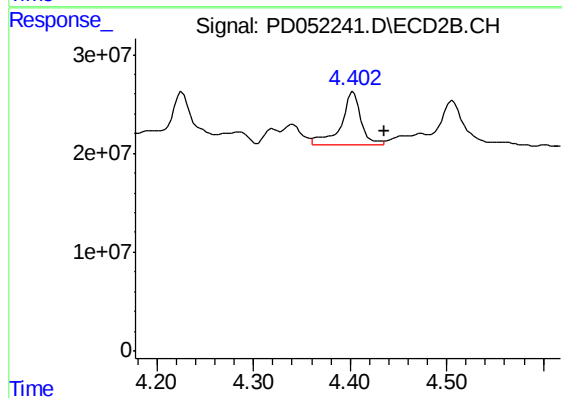
#1 Tetrachloro-m-xylene

R.T.: 4.041 min  
Delta R.T.: -0.001 min  
Response: 431577537  
Conc: 14.83 ng/ml



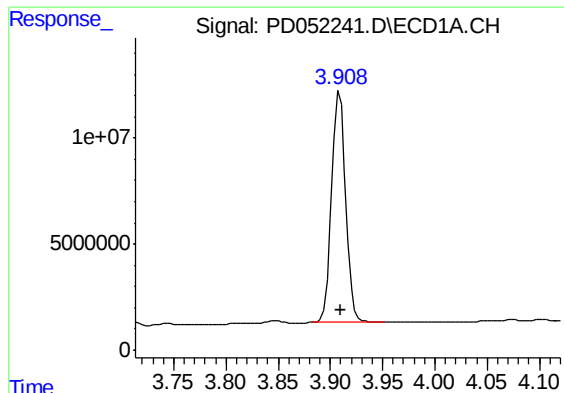
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.641 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

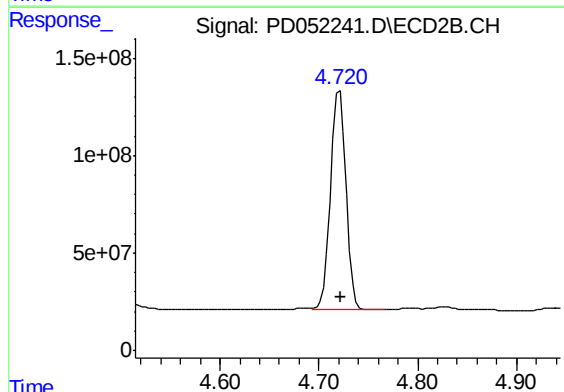
R.T.: 4.403 min  
Delta R.T.: -0.032 min  
Response: 76570304  
Conc: 1.75 ng/ml



#3 gamma-BHC (Lindane)

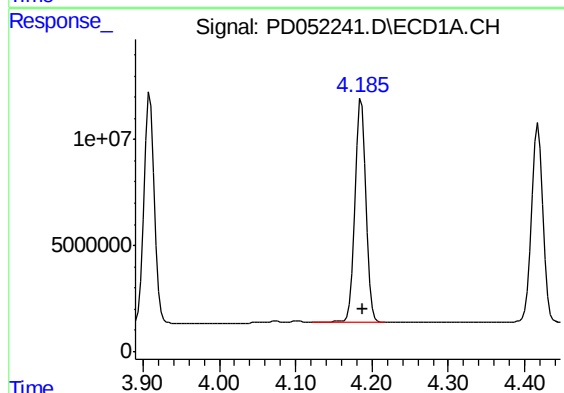
R.T.: 3.909 min  
Delta R.T.: 0.000 min  
Response: 101564431  
Conc: 45.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



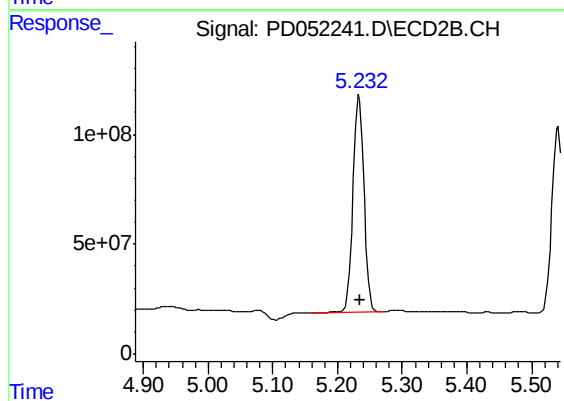
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 1227572090  
Conc: 30.90 ng/ml



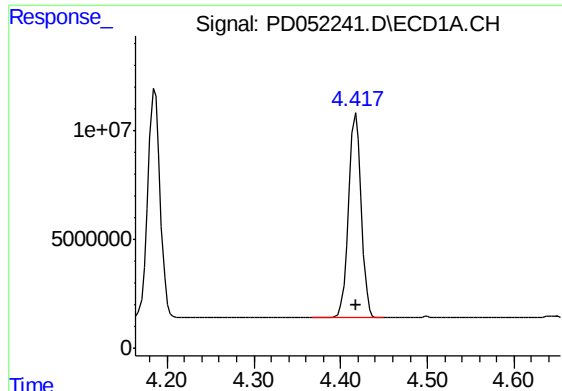
#4 Heptachlor

R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 104050241  
Conc: 47.32 ng/ml



#4 Heptachlor

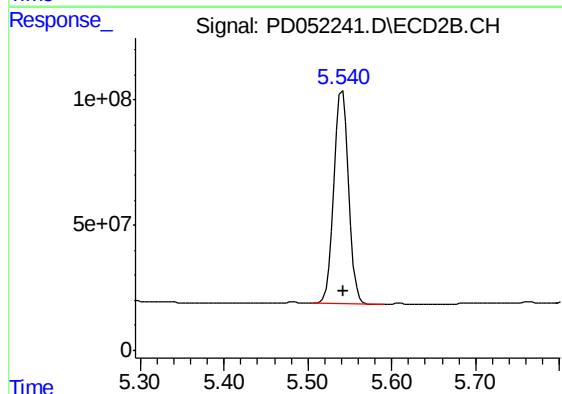
R.T.: 5.234 min  
Delta R.T.: -0.002 min  
Response: 1180125508  
Conc: 29.42 ng/ml



#5 Aldrin

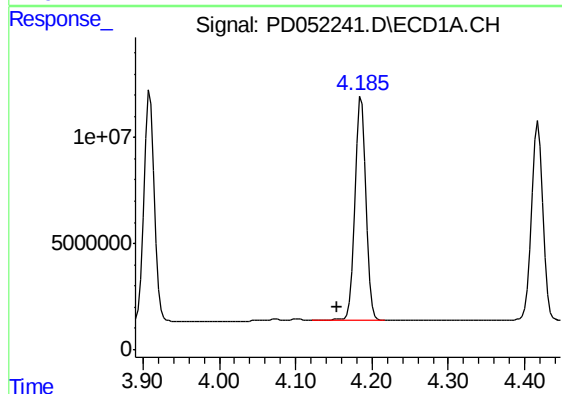
R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 96006672  
Conc: 46.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



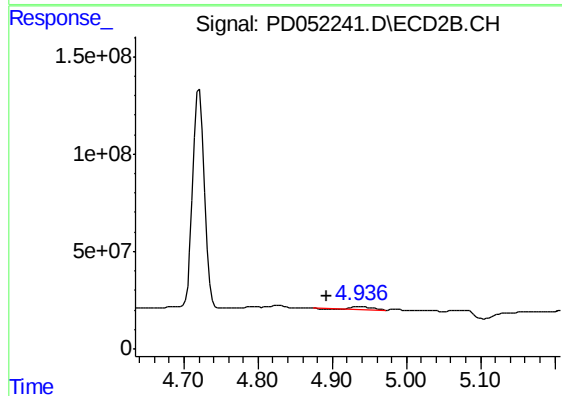
#5 Aldrin

R.T.: 5.541 min  
Delta R.T.: -0.001 min  
Response: 1034583310  
Conc: 27.79 ng/ml



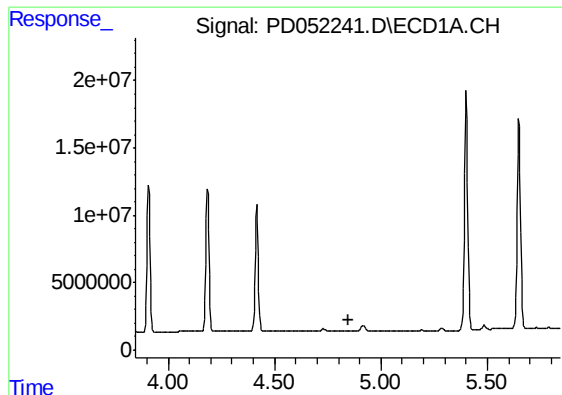
#6 beta-BHC

R.T.: 4.186 min  
Delta R.T.: 0.032 min  
Response: 104050241  
Conc: 108.72 ng/ml



#6 beta-BHC

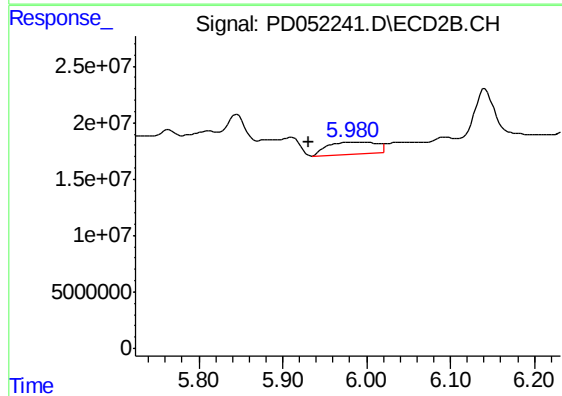
R.T.: 4.938 min  
Delta R.T.: 0.044 min  
Response: 24690216  
Conc: 1.35 ng/ml



#8 Heptachlor epoxide

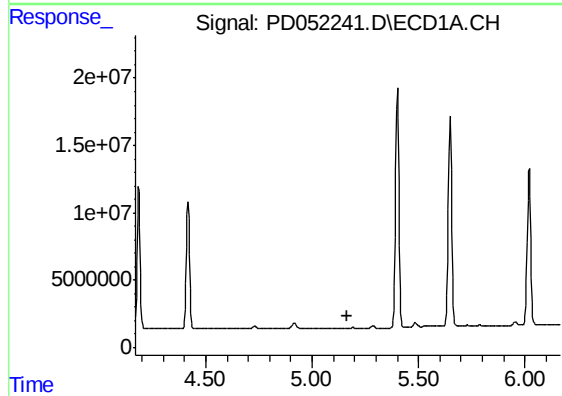
R.T.: 0.000 min  
Exp R.T.: 4.846 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



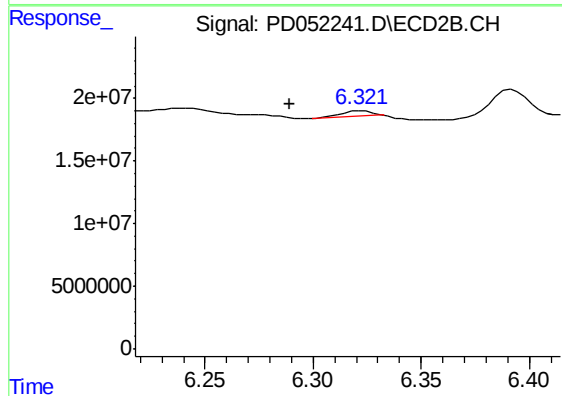
#8 Heptachlor epoxide

R.T.: 5.981 min  
Delta R.T.: 0.051 min  
Response: 42316251  
Conc: 1.24 ng/ml



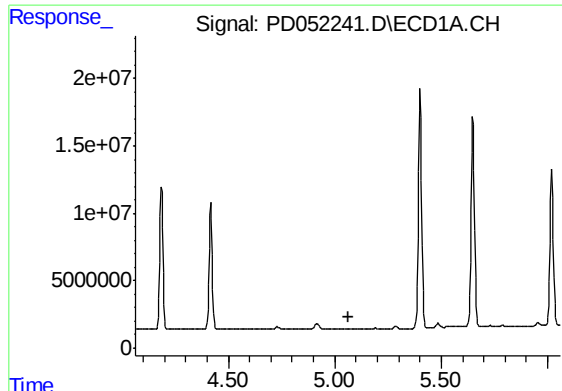
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.168 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

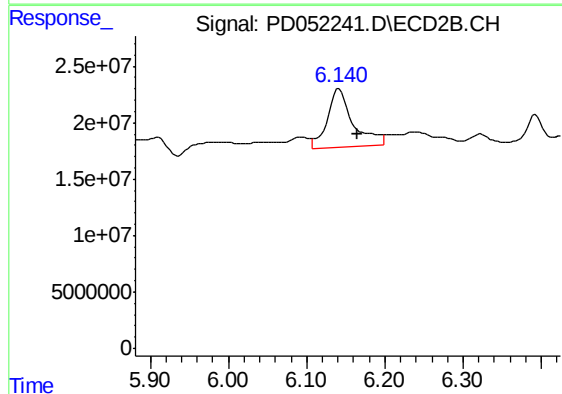
R.T.: 6.323 min  
Delta R.T.: 0.033 min  
Response: 4096785  
Conc: 0.13 ng/ml



#10 trans-Chlordane

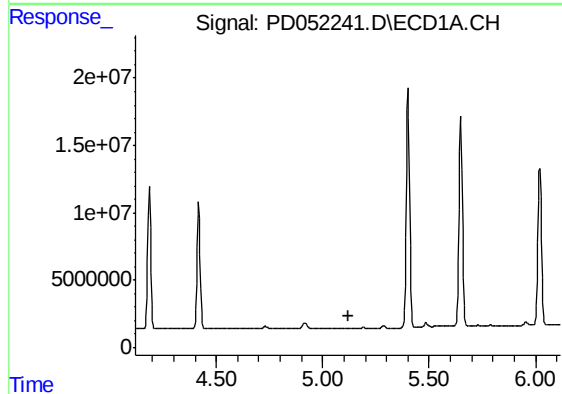
R.T.: 0.000 min  
Exp R.T. : 5.063 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



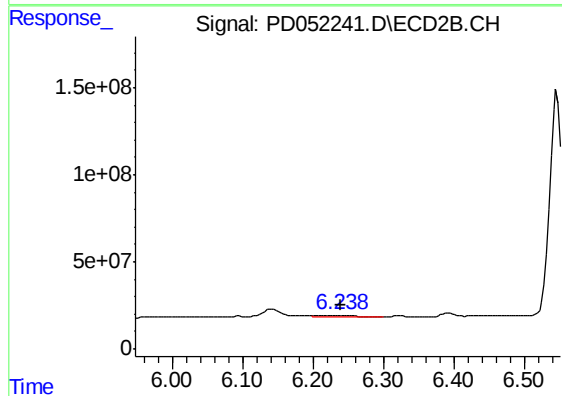
#10 trans-Chlordane

R.T.: 6.141 min  
Delta R.T.: -0.024 min  
Response: 120778578  
Conc: 3.56 ng/ml



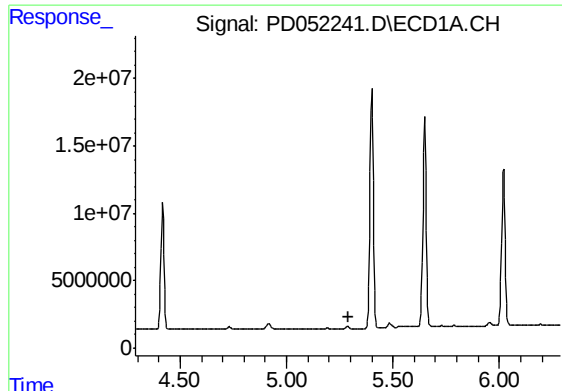
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.119 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

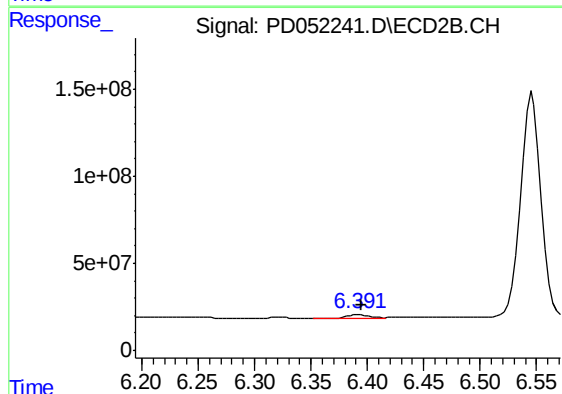
R.T.: 6.239 min  
Delta R.T.: 0.000 min  
Response: 40719079  
Conc: 1.25 ng/ml



#12 4,4'-DDE

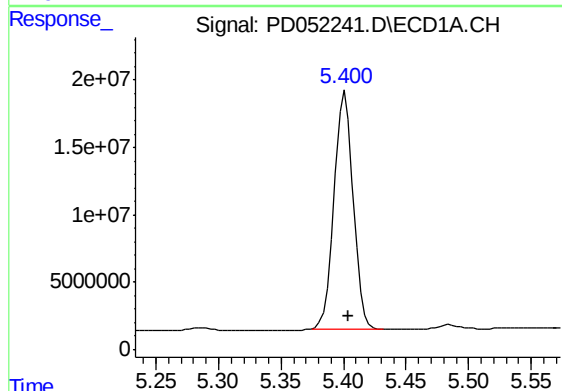
R.T.: 0.000 min  
Exp R.T.: 5.289 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



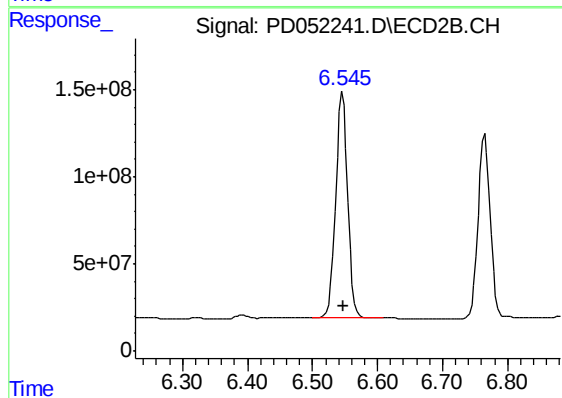
#12 4,4'-DDE

R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 25334050  
Conc: 0.83 ng/ml



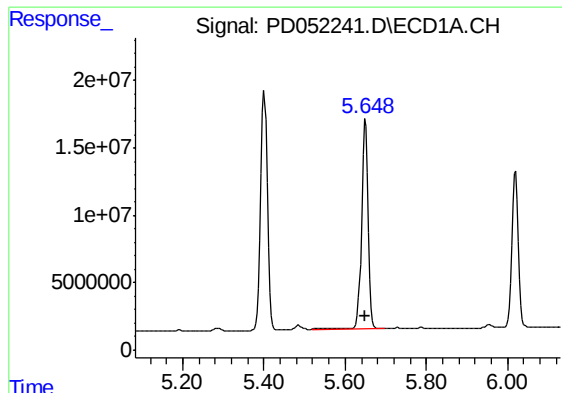
#13 Dieldrin

R.T.: 5.401 min  
Delta R.T.: -0.002 min  
Response: 187722162  
Conc: 86.51 ng/ml



#13 Dieldrin

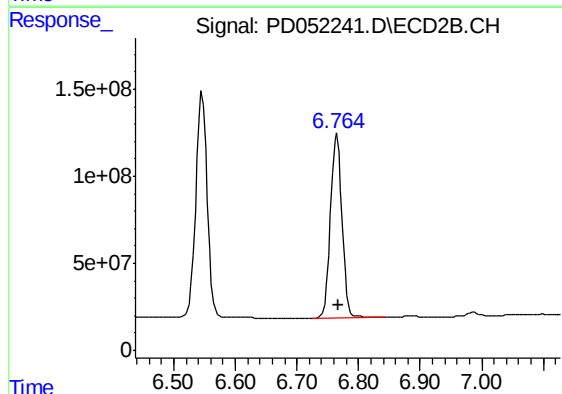
R.T.: 6.546 min  
Delta R.T.: -0.001 min  
Response: 1658312932  
Conc: 53.20 ng/ml



#14 Endrin

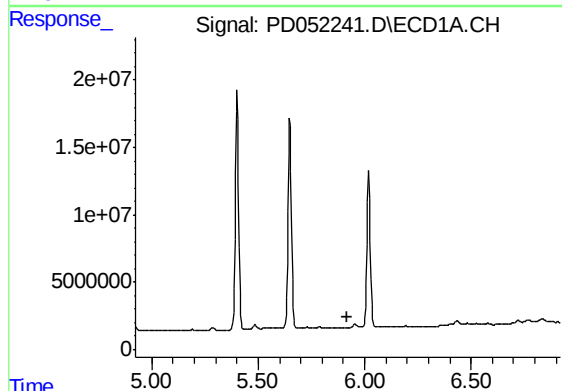
R.T.: 5.649 min  
Delta R.T.: -0.001 min  
Response: 172138559  
Conc: 96.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



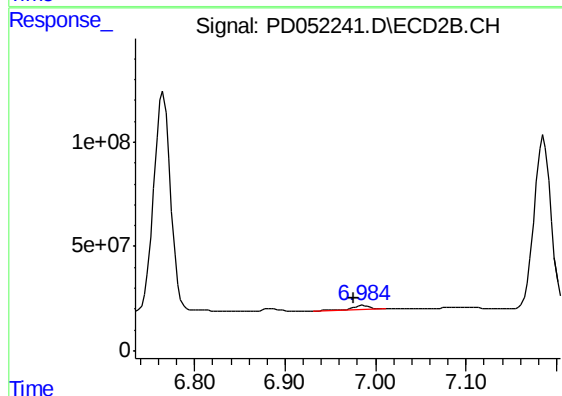
#14 Endrin

R.T.: 6.765 min  
Delta R.T.: -0.001 min  
Response: 1376010944  
Conc: 59.78 ng/ml



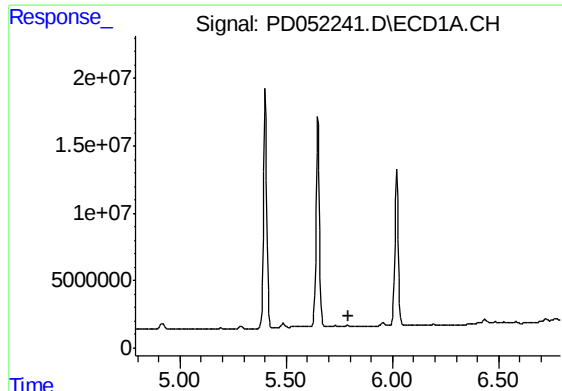
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.920 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

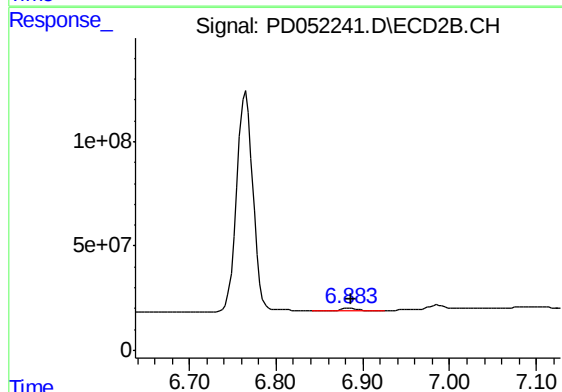
R.T.: 6.987 min  
Delta R.T.: 0.010 min  
Response: 28643148  
Conc: 1.13 ng/ml



#16 4,4'-DDD

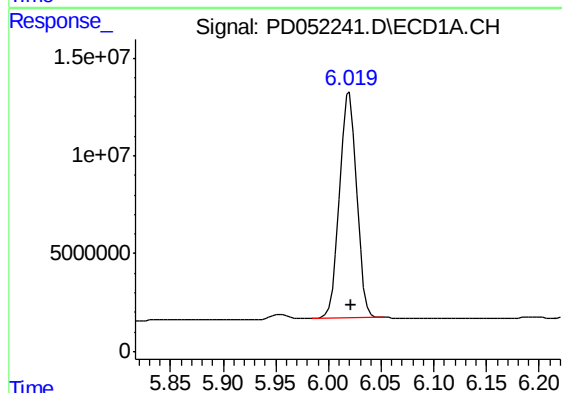
R.T.: 0.000 min  
Exp R.T.: 5.790 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



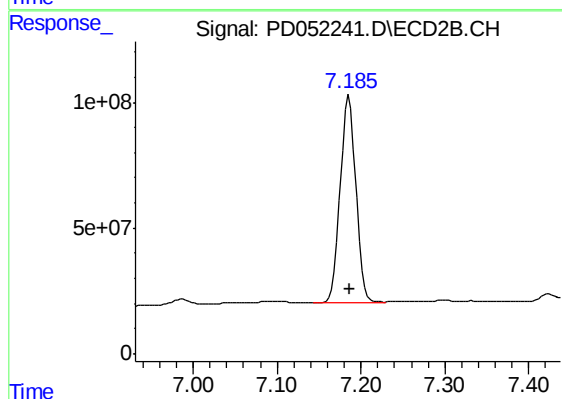
#16 4,4'-DDD

R.T.: 6.885 min  
Delta R.T.: -0.002 min  
Response: 14695070  
Conc: 0.62 ng/ml



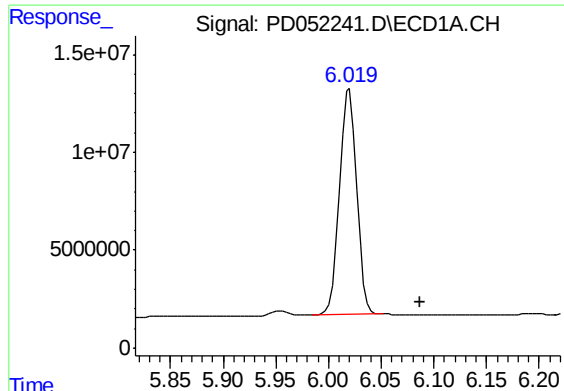
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: -0.001 min  
Response: 130841345  
Conc: 79.71 ng/ml



#17 4,4'-DDT

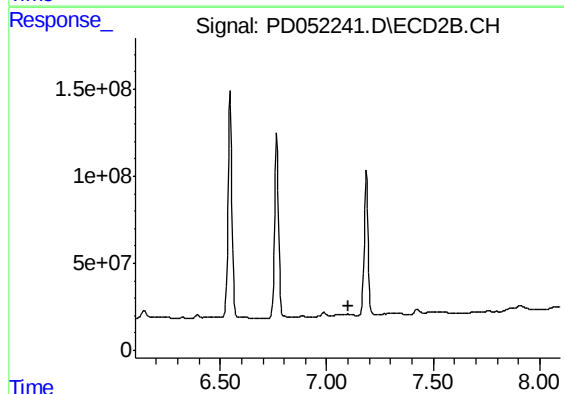
R.T.: 7.186 min  
Delta R.T.: -0.002 min  
Response: 1066094750  
Conc: 55.21 ng/ml



#18 Endrin aldehyde

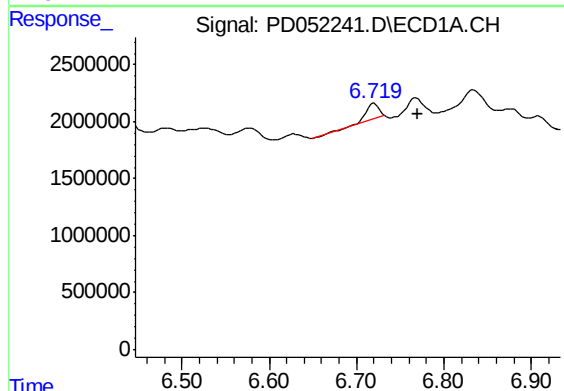
R.T.: 6.020 min  
Delta R.T.: -0.067 min  
Response: 130841345  
Conc: 85.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



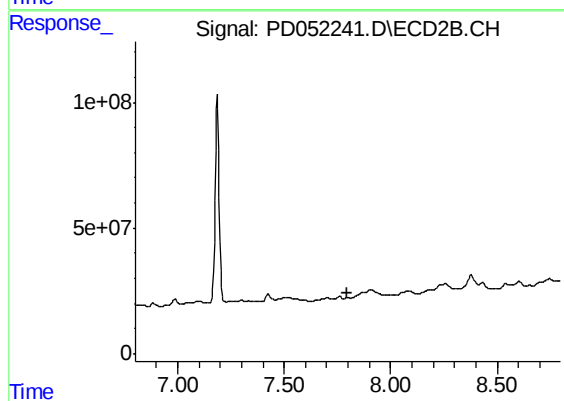
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.100 min  
Response: 0  
Conc: N.D.



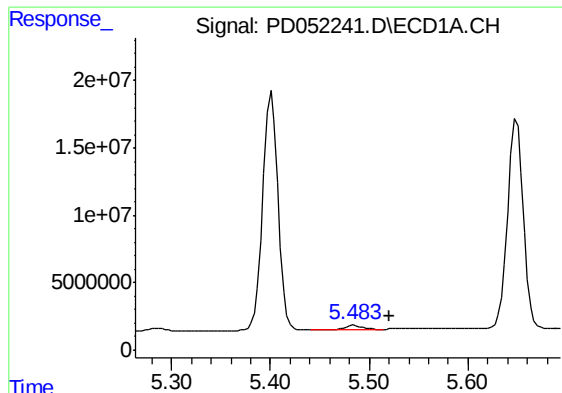
#21 Endrin ketone

R.T.: 6.720 min  
Delta R.T.: -0.050 min  
Response: 1458879  
Conc: 0.74 ng/ml



#21 Endrin ketone

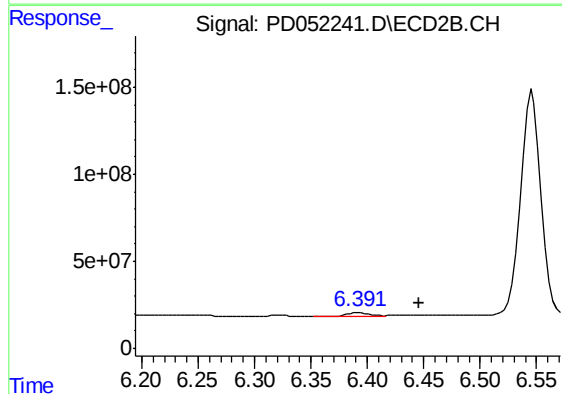
R.T.: 0.000 min  
Exp R.T. : 7.798 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

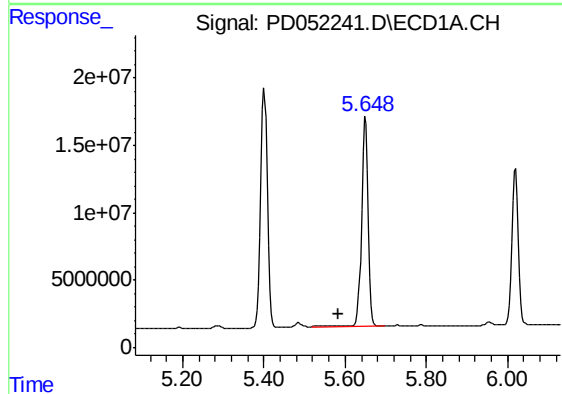
R.T.: 5.485 min  
Delta R.T.: -0.035 min  
Response: 3226462  
Conc: 252.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



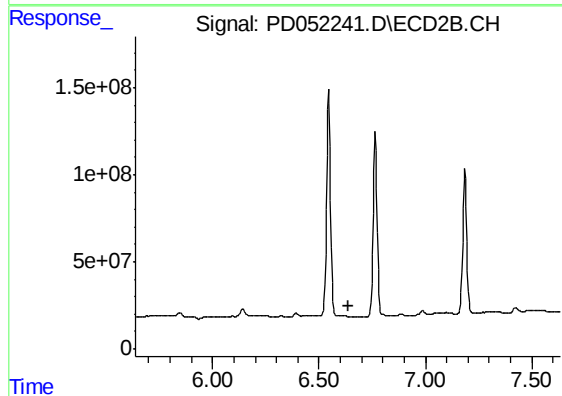
#22 Toxaphene-1

R.T.: 6.392 min  
Delta R.T.: -0.053 min  
Response: 25334050  
Conc: 189.00 ng/ml



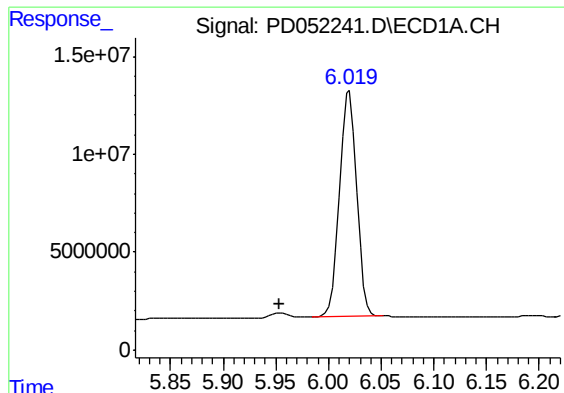
#23 Toxaphene-2

R.T.: 5.649 min  
Delta R.T.: 0.066 min  
Response: 172138559  
Conc: 7850.68 ng/ml



#23 Toxaphene-2

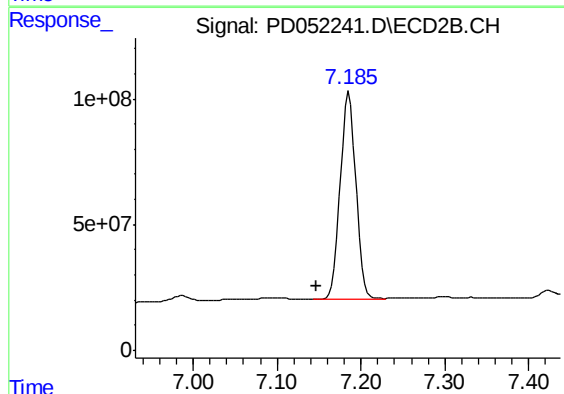
R.T.: 0.000 min  
Exp R.T. : 6.637 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

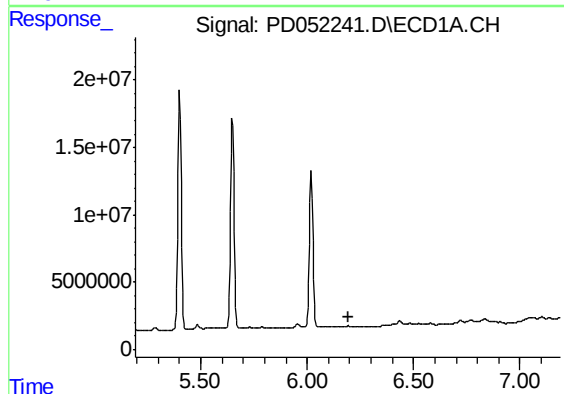
R.T.: 6.020 min  
Delta R.T.: 0.066 min  
Response: 130841345  
Conc: 3703.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



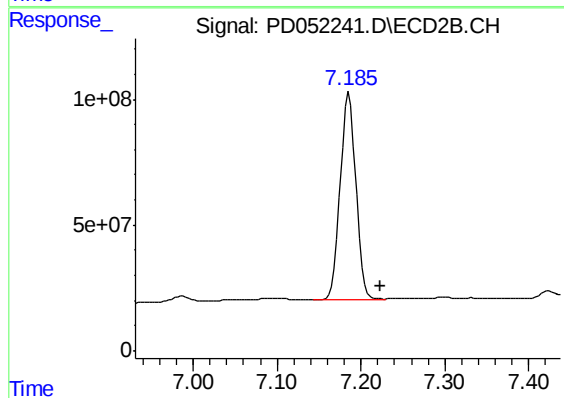
#24 Toxaphene-3

R.T.: 7.186 min  
Delta R.T.: 0.039 min  
Response: 1066094750  
Conc: 5272.75 ng/ml



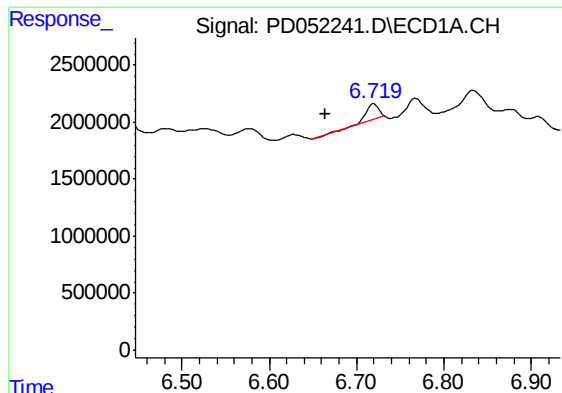
#25 Toxaphene-4

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



#25 Toxaphene-4

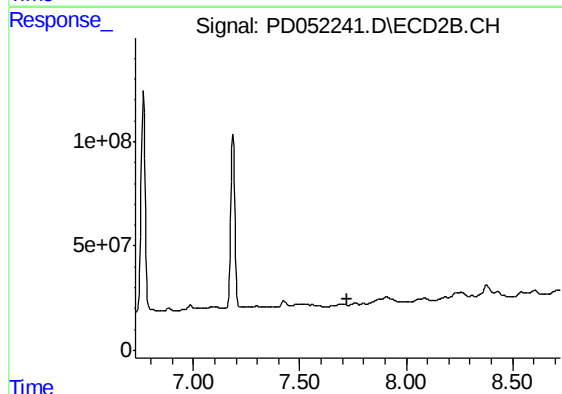
R.T.: 7.186 min  
Delta R.T.: -0.037 min  
Response: 1066094750  
Conc: 1915.38 ng/ml



#26 Toxaphene-5

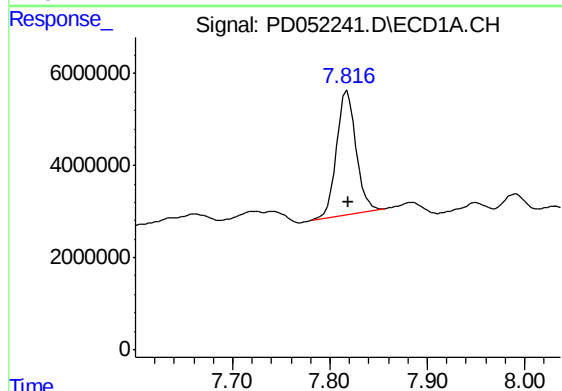
R.T.: 6.720 min  
Delta R.T.: 0.055 min  
Response: 1458879  
Conc: 33.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BF5J4MS



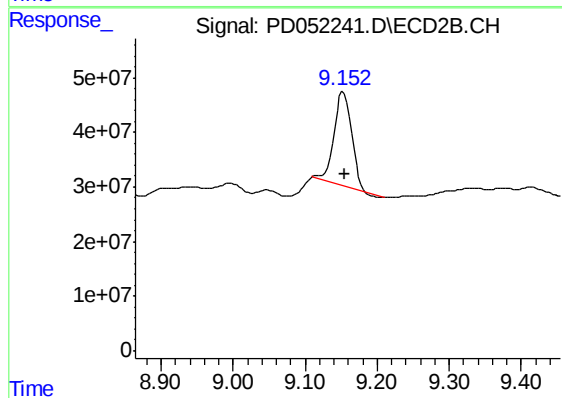
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.726 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.818 min  
Delta R.T.: -0.001 min  
Response: 37702701  
Conc: 24.08 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.153 min  
Delta R.T.: -0.003 min  
Response: 284115605  
Conc: 18.41 ng/ml