

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041521\  
 Data File : PD062172.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2021 10:50  
 Operator : AR\AJ  
 Sample : M2002-12  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEST-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 07:46:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD040321CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 03 05:02:01 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 x 0.2 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 |                 |        |       |          |          |          |            |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | MA gamma-BHC... | 4.210  | 4.654 | 27855241 | 311.7E6  | 20.005   | 20.956     |
| 4)                          | MA Heptachlor   | 4.513  | 5.163 | 28618619 | 304.1E6  | 20.202   | 20.670     |
| 5)                          | MB Aldrin       | 4.762  | 5.467 | 28138967 | 295.6E6  | 20.583   | 20.577     |
| 6)                          | B beta-BHC      | 4.422f | 4.819 | 810702   | 2725416  | 1.220    | 0.427 #    |
| 7)                          | B delta-BHC     | 0.000  | 5.018 | 0        | 23436926 | N.D.     | 1.530      |
| 8)                          | B Heptachlo...  | 0.000  | 5.863 | 0        | 7914329  | N.D.     | 0.590      |
| 9)                          | A Endosulfan I  | 0.000  | 6.189 | 0        | 3861062  | N.D.     | 0.313      |
| 11)                         | B cis-Chlor...  | 0.000  | 6.133 | 0        | 1850818  | N.D.     | 0.144      |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.314 | 0        | 3089479  | N.D.     | 0.241      |
| 13)                         | MA Dieldrin     | 5.792  | 6.467 | 59356227 | 565.3E6  | 42.377   | 42.818     |
| 14)                         | MA Endrin       | 6.050  | 6.684 | 49444502 | 445.8E6  | 42.379   | 42.134     |
| 15)                         | B Endosulfa...  | 6.262f | 6.902 | 1707938  | 5413168  | 1.525    | 0.533 #    |
| 16)                         | A 4,4'-DDD      | 6.174  | 6.806 | 1476864  | 26468212 | 1.353    | 2.523 #    |
| 17)                         | MA 4,4'-DDT     | 6.416  | 7.105 | 43000297 | 400.9E6  | 40.347   | 40.345     |
| 18)                         | B Endrin al...  | 6.491  | 7.017 | 495983   | 6148353  | 0.508    | 0.708 #    |
| 19)                         | B Endosulfa...  | 0.000  | 7.268 | 0        | 1517788  | N.D.     | 0.149      |
| 20)                         | A Methoxychlor  | 0.000  | 7.575 | 0        | 3123411  | N.D.     | 0.675      |
| 21)                         | B Endrin ke...  | 7.199  | 7.710 | 2848349  | 16193260 | 2.184    | 1.699      |
| 22)                         | Toxaphene-1     | 5.792  | 6.357 | 59356227 | 2007204  | 6930.406 | 35.059 #   |
| 23)                         | Toxaphene-2     | 0.000  | 6.684 | 0        | 445.8E6  | N.D.     | 6435.179   |
| 24)                         | Toxaphene-3     | 6.262  | 7.105 | 1707938  | 400.9E6  | 170.964  | 4224.431 # |
| 25)                         | Toxaphene-4     | 6.416  | 7.105 | 43000297 | 400.9E6  | 2000.351 | 1510.672   |
| -----                       |                 |        |       |          |          |          |            |

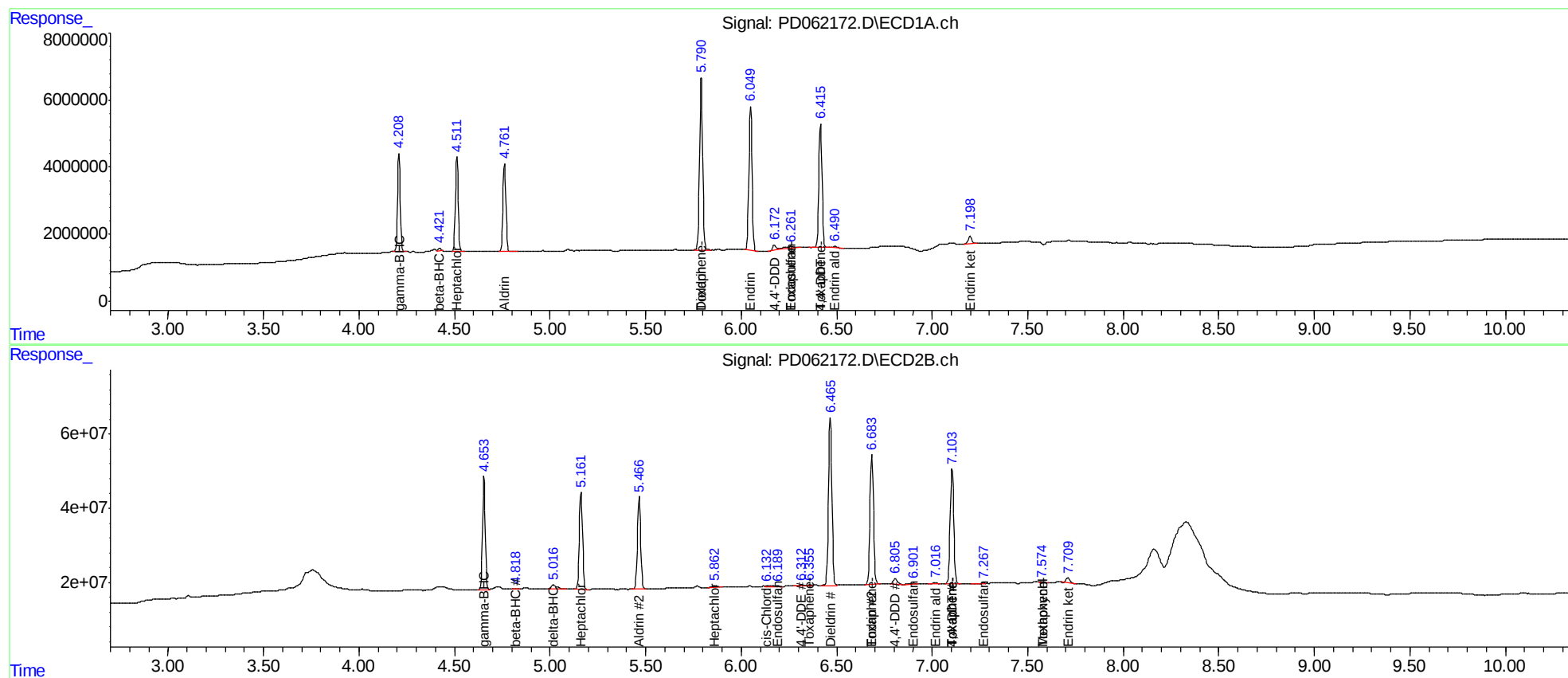
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

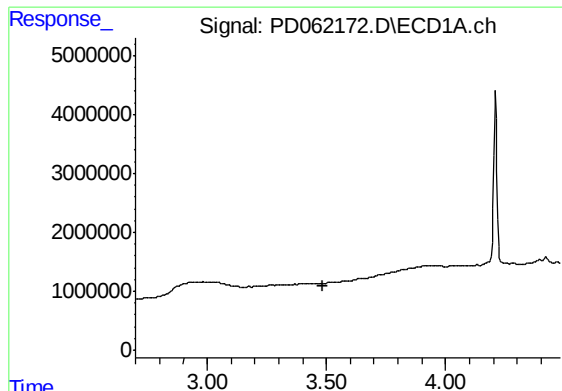
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041521\  
Data File : PD062172.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2021 10:50  
Operator : AR\AJ  
Sample : M2002-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
PEST-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 07:46:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD040321CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 03 05:02:01 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

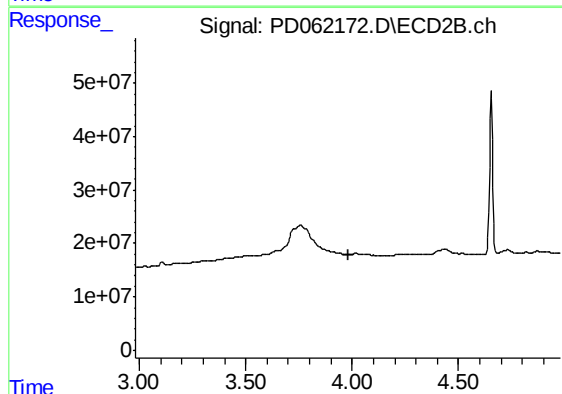




#1 Tetrachloro-m-xylene

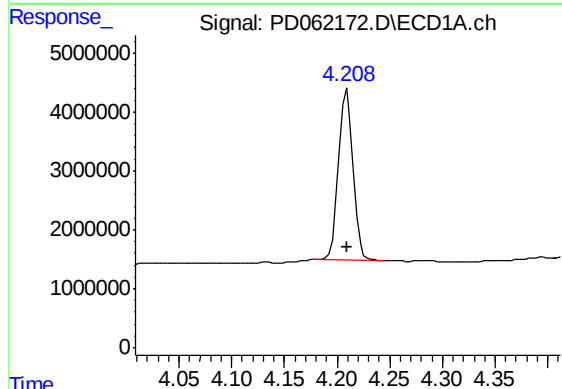
R.T.: 0.000 min  
Exp R.T. : 3.485 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



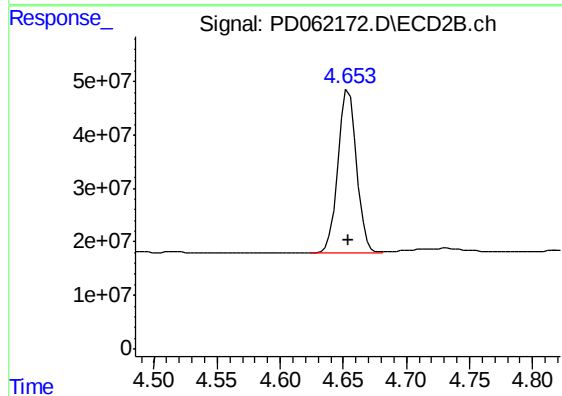
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.981 min  
Response: 0  
Conc: N.D.



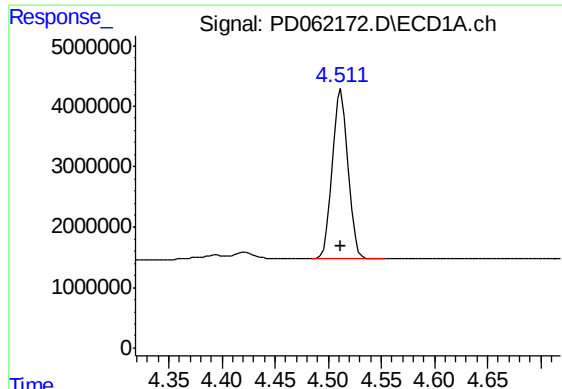
#3 gamma-BHC (Lindane)

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 27855241  
Conc: 20.00 ng/ml



#3 gamma-BHC (Lindane)

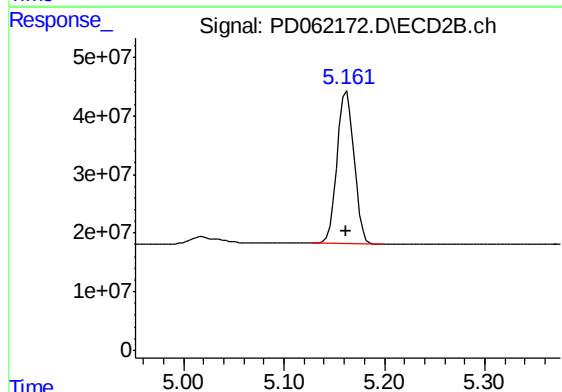
R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 311733404  
Conc: 20.96 ng/ml



#4 Heptachlor

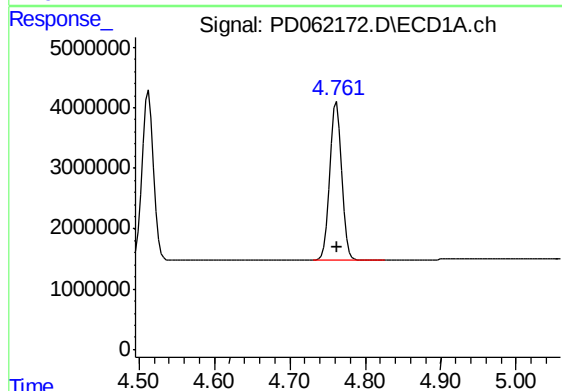
R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 28618619  
Conc: 20.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



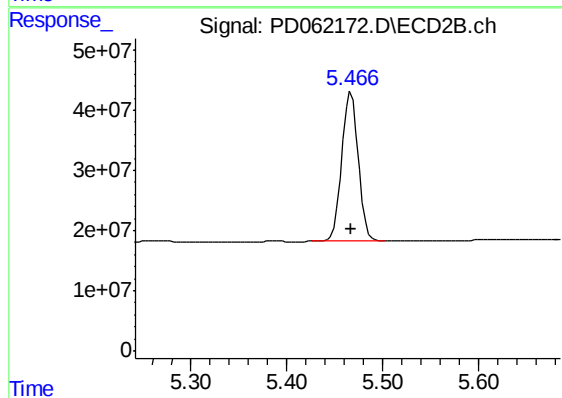
#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 304085800  
Conc: 20.67 ng/ml



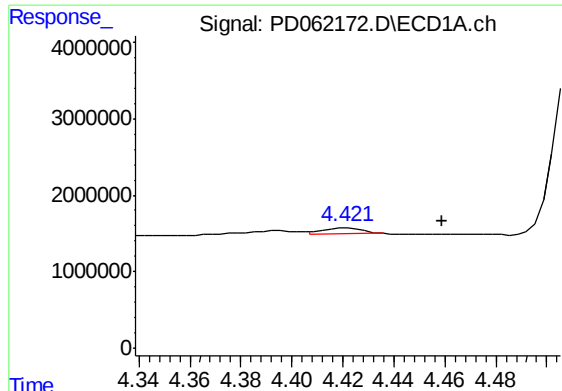
#5 Aldrin

R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 28138967  
Conc: 20.58 ng/ml



#5 Aldrin

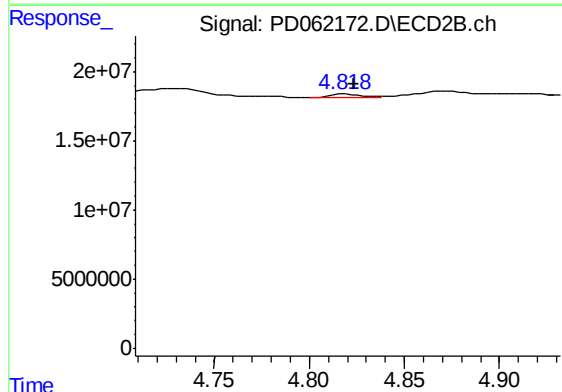
R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 295615322  
Conc: 20.58 ng/ml



#6 beta-BHC

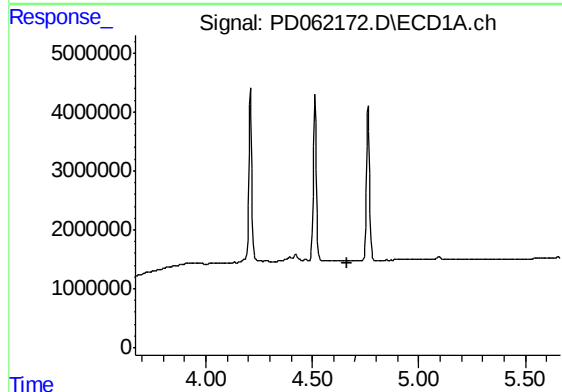
R.T.: 4.422 min  
Delta R.T.: -0.037 min  
Response: 810702  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



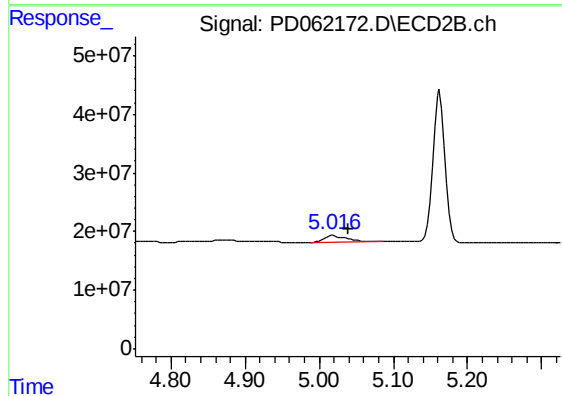
#6 beta-BHC

R.T.: 4.819 min  
Delta R.T.: -0.004 min  
Response: 2725416  
Conc: 0.43 ng/ml



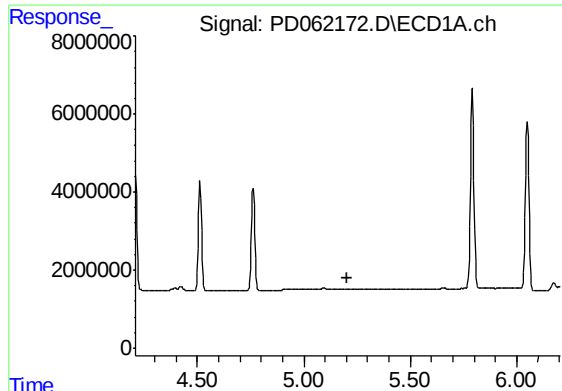
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.665 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

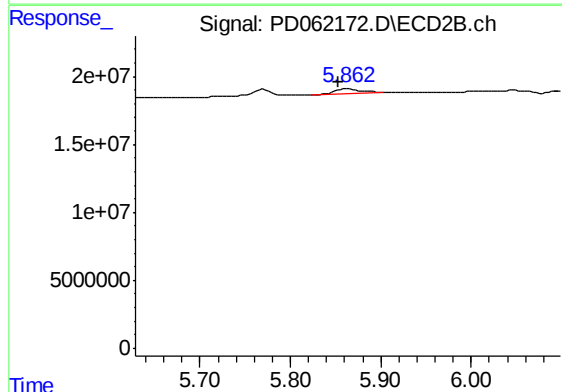
R.T.: 5.018 min  
Delta R.T.: -0.022 min  
Response: 23436926  
Conc: 1.53 ng/ml



# #8 Heptachlor epoxide

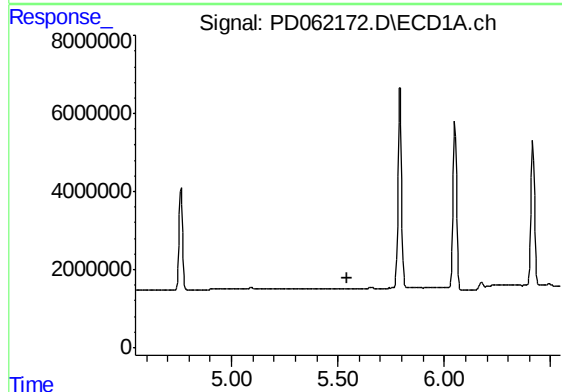
R.T.: 0.000 min  
Exp R.T. : 5.206 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



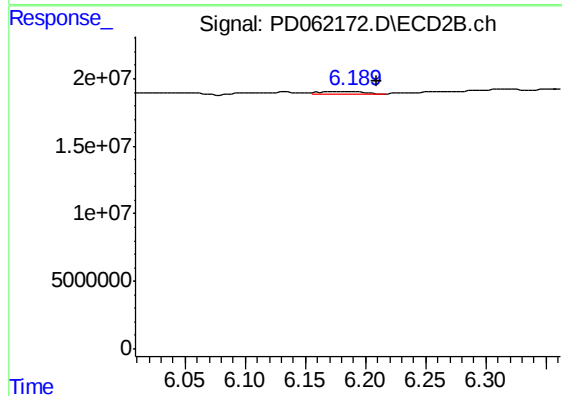
# #8 Heptachlor epoxide

R.T.: 5.863 min  
Delta R.T.: 0.010 min  
Response: 7914329  
Conc: 0.59 ng/ml



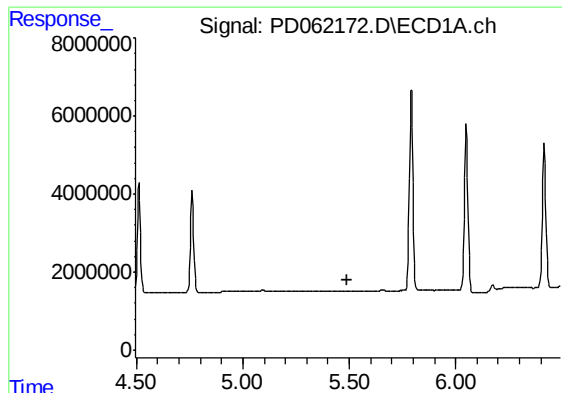
# #9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.547 min  
Response: 0  
Conc: N.D.



# #9 Endosulfan I

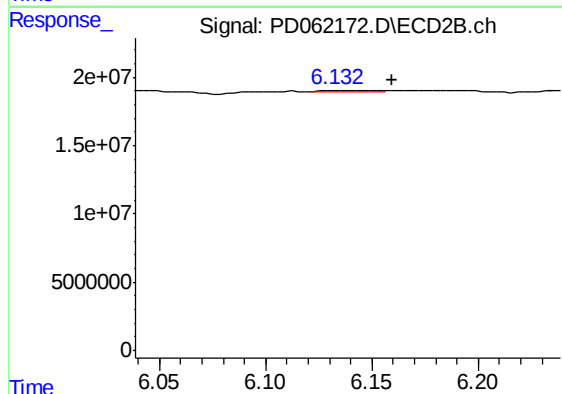
R.T.: 6.189 min  
Delta R.T.: -0.020 min  
Response: 3861062  
Conc: 0.31 ng/ml



#11 cis-Chlordane

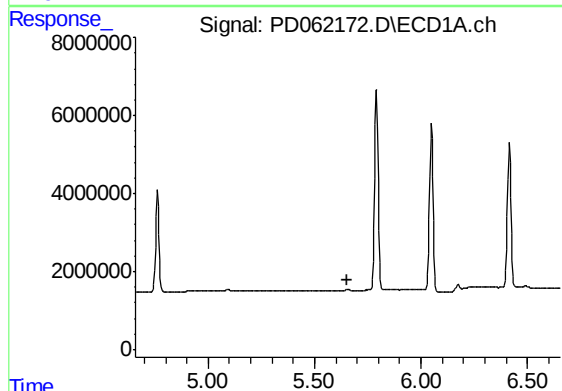
R.T.: 0.000 min  
Exp R.T. : 5.492 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



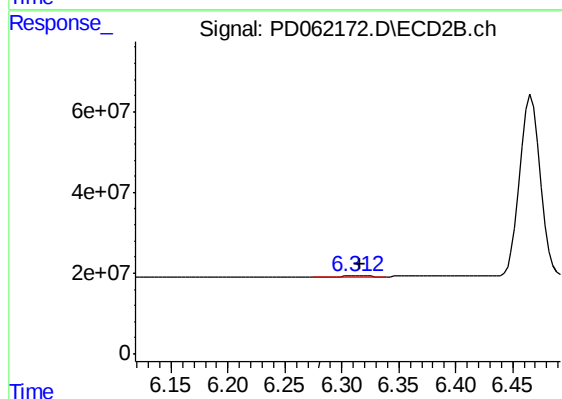
#11 cis-Chlordane

R.T.: 6.133 min  
Delta R.T.: -0.026 min  
Response: 1850818  
Conc: 0.14 ng/ml



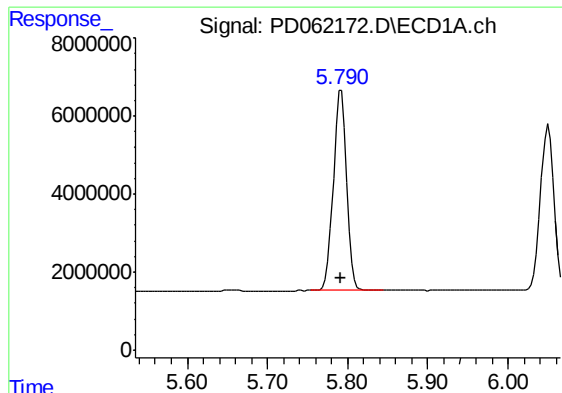
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.656 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

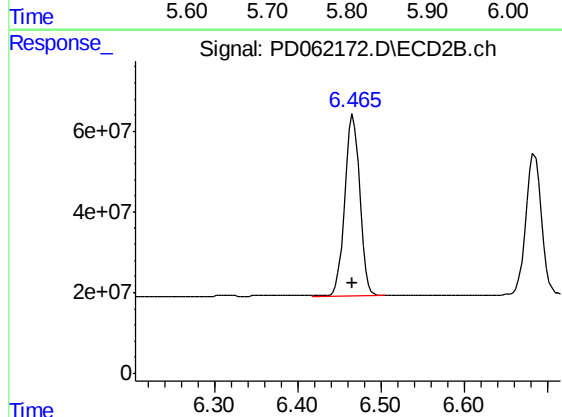
R.T.: 6.314 min  
Delta R.T.: -0.002 min  
Response: 3089479  
Conc: 0.24 ng/ml



#13 Diieldrin

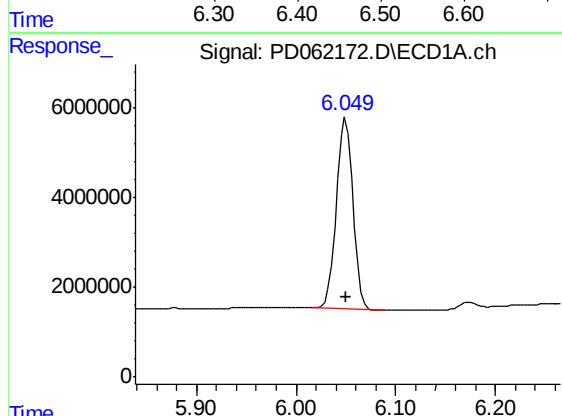
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 59356227  
Conc: 42.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



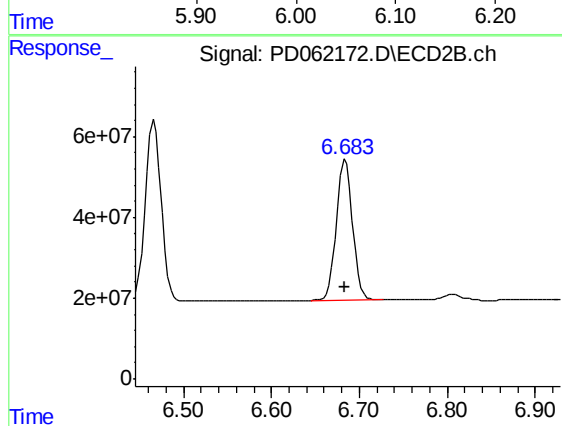
#13 Diieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 565330007  
Conc: 42.82 ng/ml



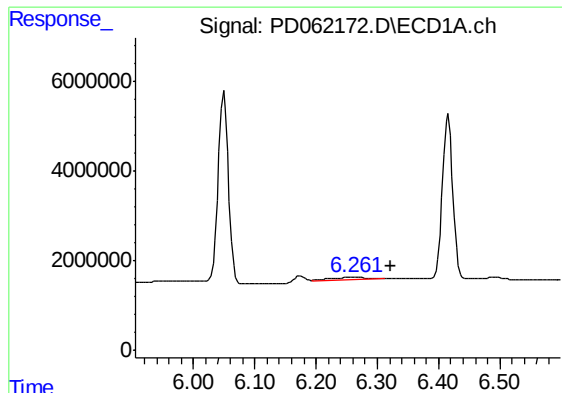
#14 Endrin

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 49444502  
Conc: 42.38 ng/ml



#14 Endrin

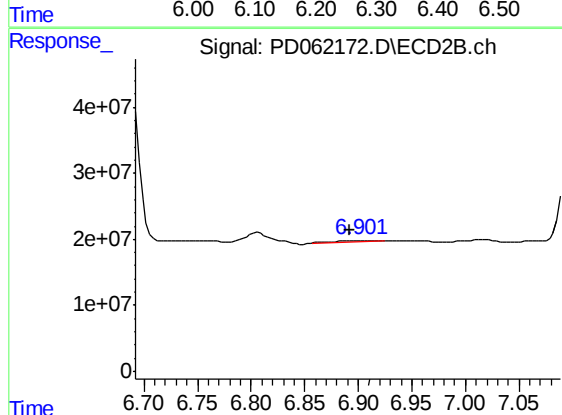
R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 445801379  
Conc: 42.13 ng/ml



#15 Endosulfan II

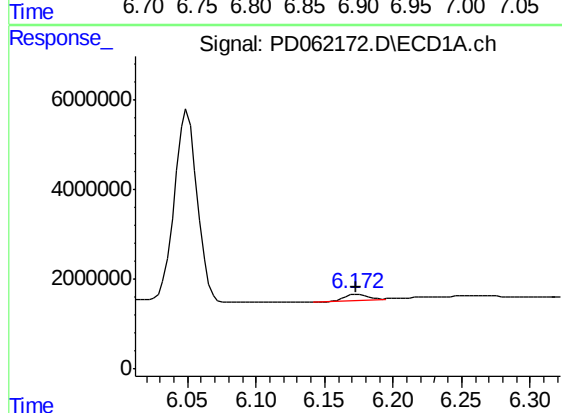
R.T.: 6.262 min  
Delta R.T.: -0.061 min  
Response: 1707938  
Conc: 1.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



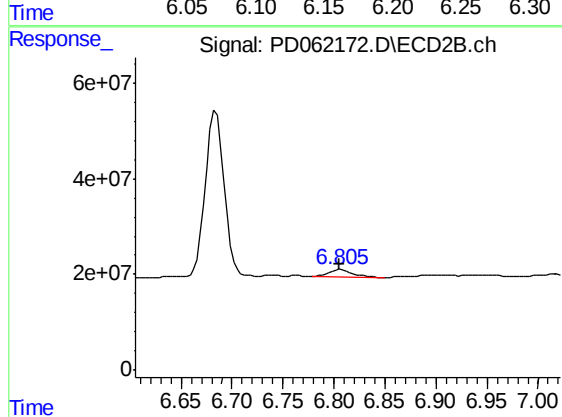
#15 Endosulfan II

R.T.: 6.902 min  
Delta R.T.: 0.009 min  
Response: 5413168  
Conc: 0.53 ng/ml



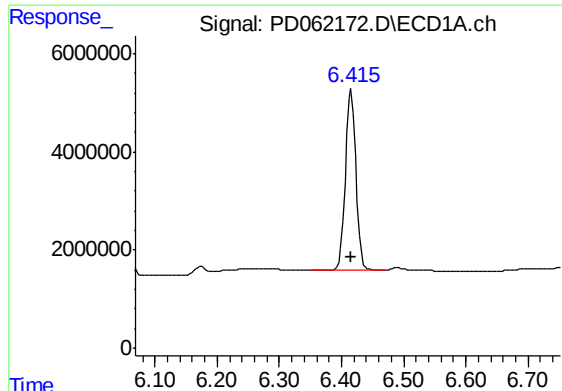
#16 4,4'-DDD

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 1476864  
Conc: 1.35 ng/ml



#16 4,4'-DDD

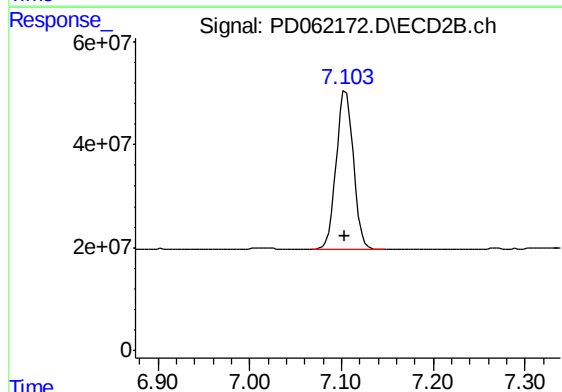
R.T.: 6.806 min  
Delta R.T.: 0.001 min  
Response: 26468212  
Conc: 2.52 ng/ml



#17 4,4'-DDT

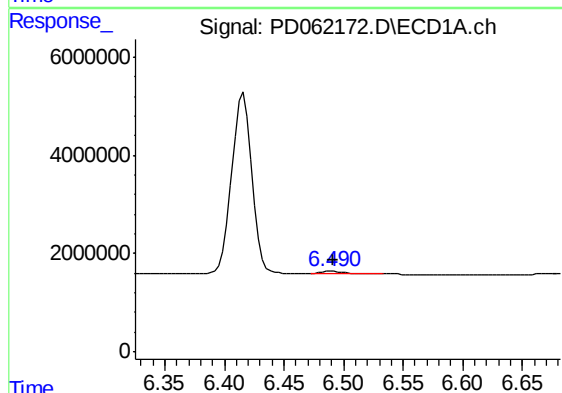
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 43000297  
Conc: 40.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



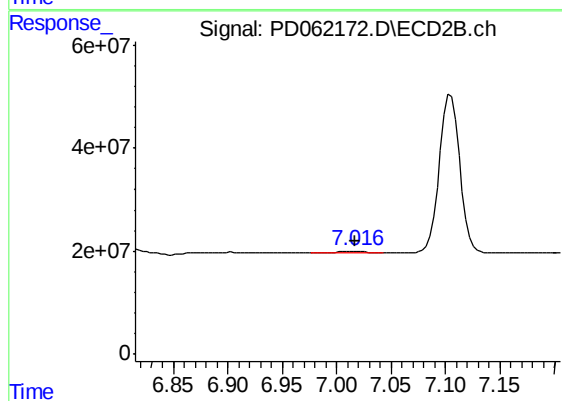
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 400861633  
Conc: 40.34 ng/ml



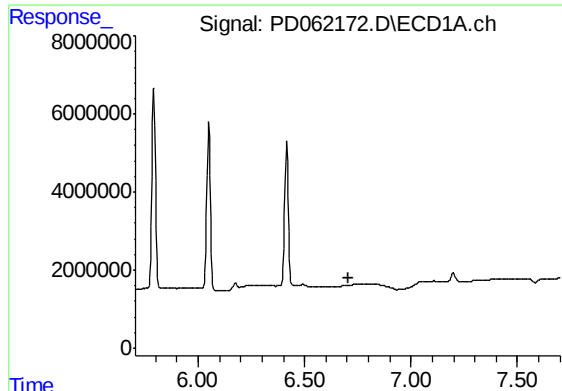
#18 Endrin aldehyde

R.T.: 6.491 min  
Delta R.T.: 0.000 min  
Response: 495983  
Conc: 0.51 ng/ml



#18 Endrin aldehyde

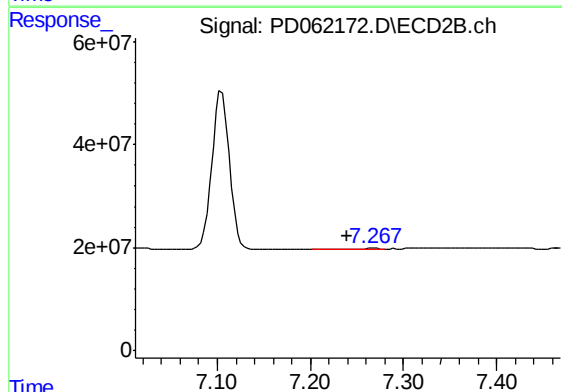
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 6148353  
Conc: 0.71 ng/ml



#19 Endosulfan Sulfate

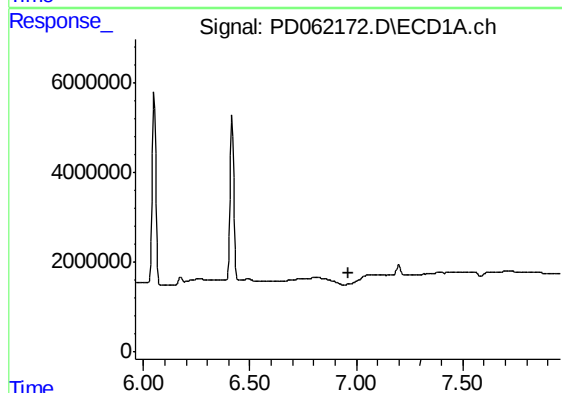
R.T.: 0.000 min  
Exp R.T. : 6.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



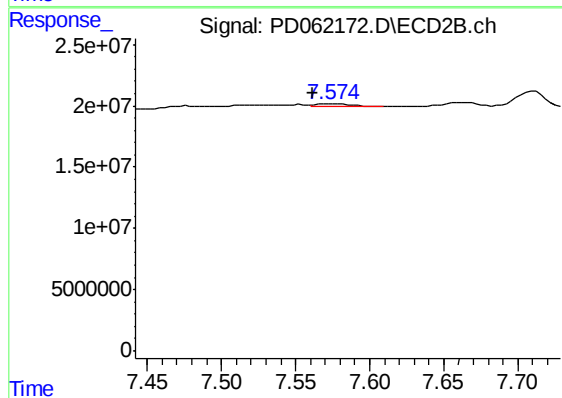
#19 Endosulfan Sulfate

R.T.: 7.268 min  
Delta R.T.: 0.028 min  
Response: 1517788  
Conc: 0.15 ng/ml



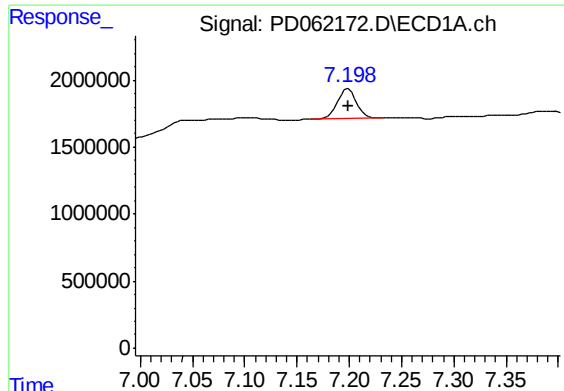
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.961 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

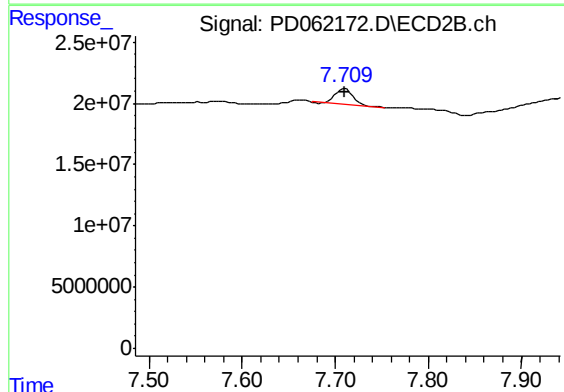
R.T.: 7.575 min  
Delta R.T.: 0.013 min  
Response: 3123411  
Conc: 0.67 ng/ml



#21 Endrin ketone

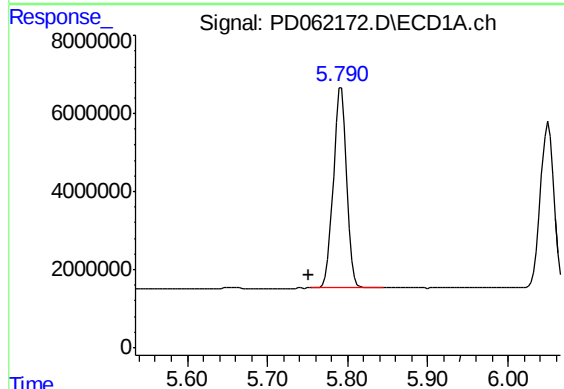
R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 2848349  
Conc: 2.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



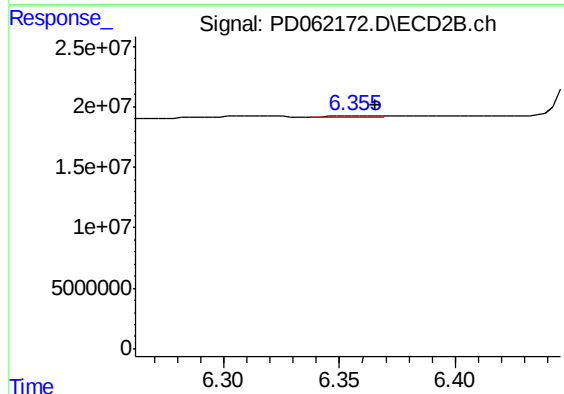
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 16193260  
Conc: 1.70 ng/ml



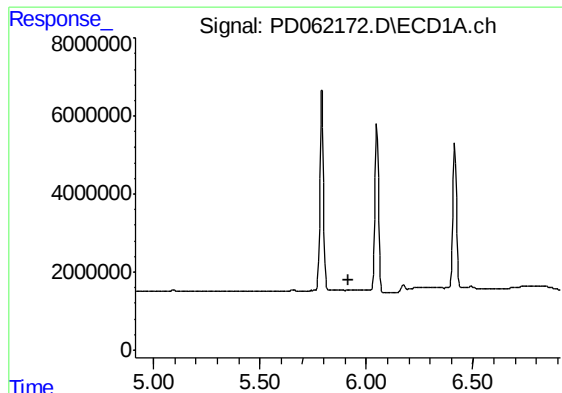
#22 Toxaphene-1

R.T.: 5.792 min  
Delta R.T.: 0.040 min  
Response: 59356227  
Conc: 6930.41 ng/ml



#22 Toxaphene-1

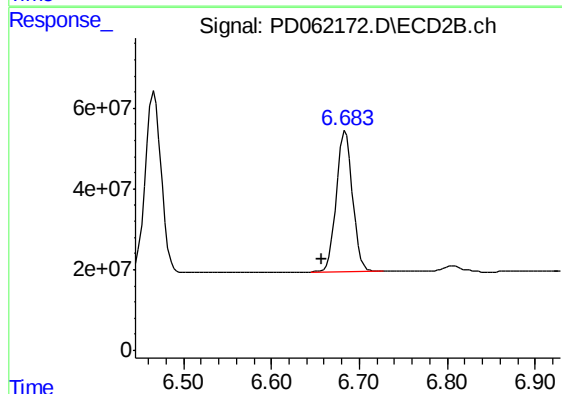
R.T.: 6.357 min  
Delta R.T.: -0.009 min  
Response: 2007204  
Conc: 35.06 ng/ml



#23 Toxaphene-2

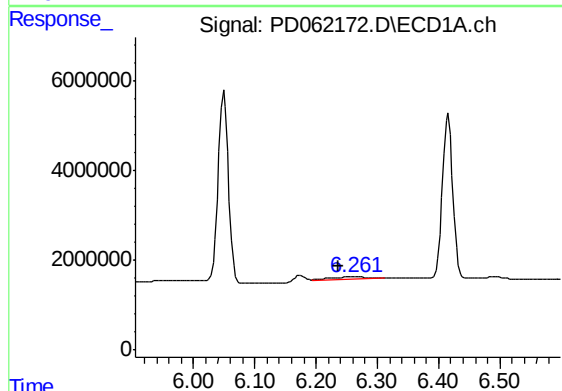
R.T.: 0.000 min  
Exp R.T.: 5.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



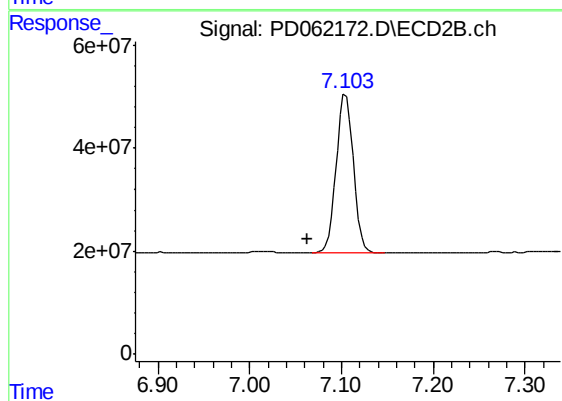
#23 Toxaphene-2

R.T.: 6.684 min  
Delta R.T.: 0.028 min  
Response: 445801379  
Conc: 6435.18 ng/ml



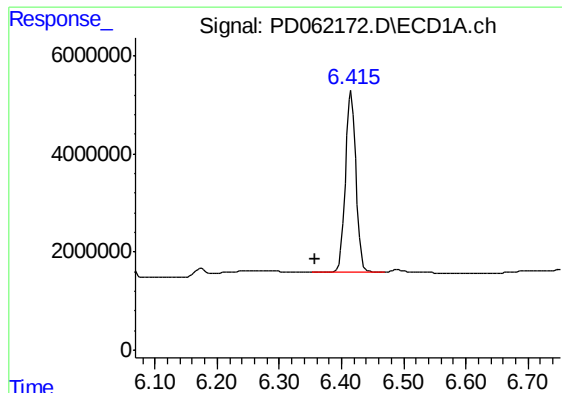
#24 Toxaphene-3

R.T.: 6.262 min  
Delta R.T.: 0.025 min  
Response: 1707938  
Conc: 170.96 ng/ml



#24 Toxaphene-3

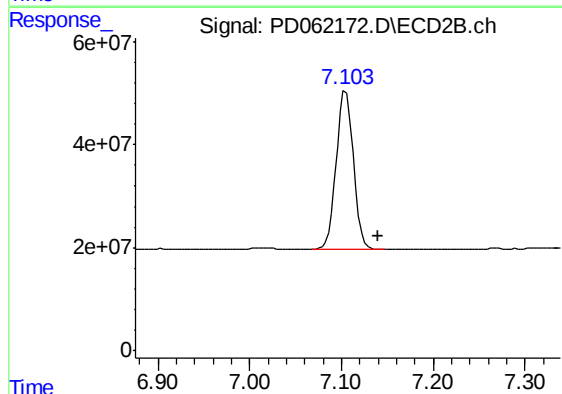
R.T.: 7.105 min  
Delta R.T.: 0.042 min  
Response: 400861633  
Conc: 4224.43 ng/ml



#25 Toxaphene-4

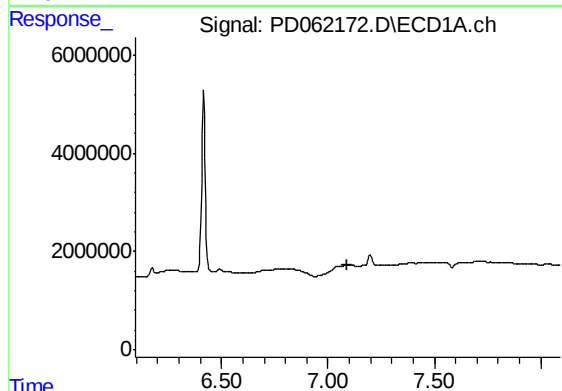
R.T.: 6.416 min  
Delta R.T.: 0.059 min  
Response: 43000297  
Conc: 2000.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



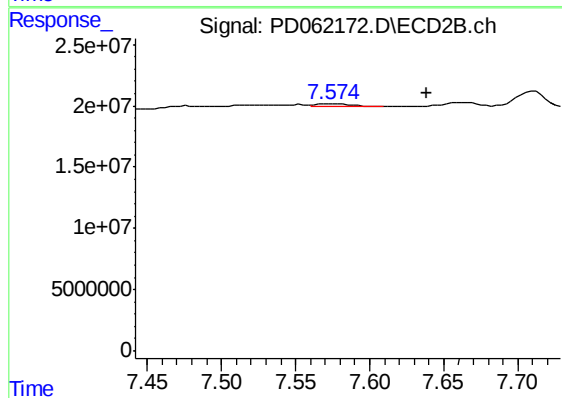
#25 Toxaphene-4

R.T.: 7.105 min  
Delta R.T.: -0.035 min  
Response: 400861633  
Conc: 1510.67 ng/ml



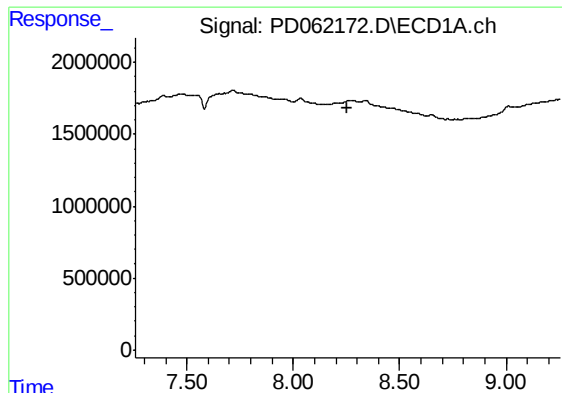
#26 Toxaphene-5

R.T.: 7.052 min  
Delta R.T.: -0.040 min  
Response: -1150650  
Conc: N.D.



#26 Toxaphene-5

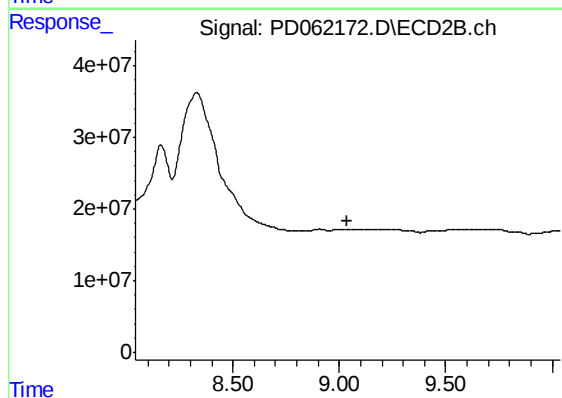
R.T.: 7.575 min  
Delta R.T.: -0.064 min  
Response: 3123411  
Conc: 27.58 ng/ml



#27 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.257 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEST-GPC2-BLANK-SPIKE



#27 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.040 min  
Response: 0  
Conc: N.D.