

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110824\  
 Data File : PD086461.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2024 16:01  
 Operator : AR\AJ  
 Sample : P4676-12  
 Misc :  
 ALS Vial : 34 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: Nov 08 21:18:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 25 14:36:38 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

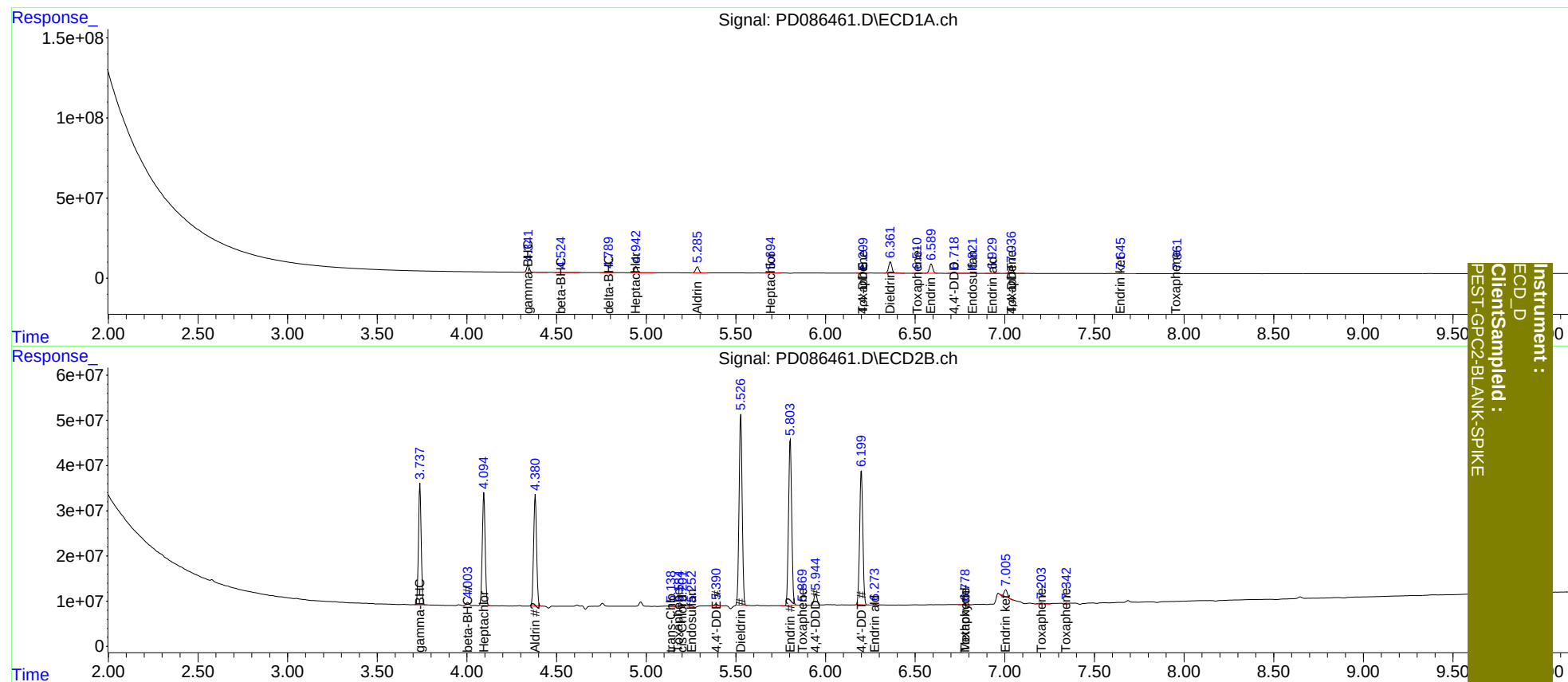
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 27)                         | SA Decachlor... | 9.103  | 8.101  | 96987    | 421037   | <MDL     | <MDL #   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 3)                          | MA gamma-BHC... | 4.342  | 3.739  | 49016177 | 281.3E6  | 19.701   | 20.859   |
| 4)                          | MA Heptachlor   | 4.943  | 4.095  | 47057364 | 278.0E6  | 19.035   | 20.349   |
| 5)                          | MB Aldrin       | 5.286  | 4.382  | 47596103 | 283.7E6  | 19.638   | 20.912   |
| 6)                          | B beta-BHC      | 4.526  | 4.005f | 480510   | 3391671  | 0.433    | 0.541 #  |
| 7)                          | B delta-BHC     | 4.791  | 4.293  | 1350255  | 1178185  | 0.522    | <MDL #   |
| 8)                          | B Heptachlo...  | 5.695  | 0.000  | 4656416  | 0        | 2.038    | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.253  | 0        | 4375378  | N.D.     | 0.381    |
| 10)                         | B trans-Chl...  | 0.000  | 5.140  | 0        | 3996757  | N.D.     | 0.304    |
| 11)                         | B cis-Chlor...  | 0.000  | 5.203  | 0        | 3588816  | N.D.     | 0.283    |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.391  | 696012   | 4883847  | 0.326    | 0.398    |
| 13)                         | MA Dieldrin     | 6.362  | 5.528  | 91098503 | 506.6E6  | 39.939   | 41.061   |
| 14)                         | MA Endrin       | 6.590  | 5.804  | 73365026 | 453.5E6  | 39.031   | 40.353   |
| 15)                         | B Endosulfa...  | 6.820  | 6.093  | 300885   | 665872   | 0.150    | <MDL #   |
| 16)                         | A 4,4'-DDD      | 6.720  | 5.946  | 4836868  | 29831950 | 2.985    | 3.039    |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.200  | 56273925 | 366.7E6  | 33.753   | 35.735   |
| 18)                         | B Endrin al...  | 6.931  | 6.275  | 557195   | 2562616  | 0.374    | 0.309    |
| 19)                         | B Endosulfa...  | 0.000  | 6.503  | 0        | 883307   | N.D.     | <MDL     |
| 20)                         | A Methoxychlor  | 0.000  | 6.780  | 0        | 1086814  | N.D.     | 0.229    |
| 21)                         | B Endrin ke...  | 7.646  | 7.006  | 2716462  | 15968439 | 1.318    | 1.395    |
| 22)                         | Toxaphene-1     | 6.210f | 5.180  | 696012   | 3670927  | 50.197   | 55.928   |
| 23)                         | Toxaphene-2     | 6.511f | 5.870  | 630375   | 311223   | 31.738   | 4.442 #  |
| 24)                         | Toxaphene-3     | 7.037f | 6.780  | 56273925 | 1086814  | 1052.122 | 4.730 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.204  | 0        | 5826211  | N.D.     | 35.898   |
| 26)                         | Toxaphene-5     | 7.958  | 7.345  | 53457    | 3460334  | 1.884    | 29.588 # |
| -----                       |                 |        |        |          |          |          |          |

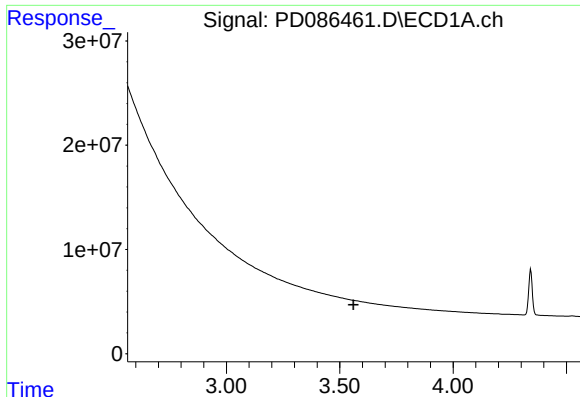
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110824\  
Data File : PD086461.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2024 16:01  
Operator : AR\AJ  
Sample : P4676-12  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 21:18:03 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102524CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 25 14:36:38 2024  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

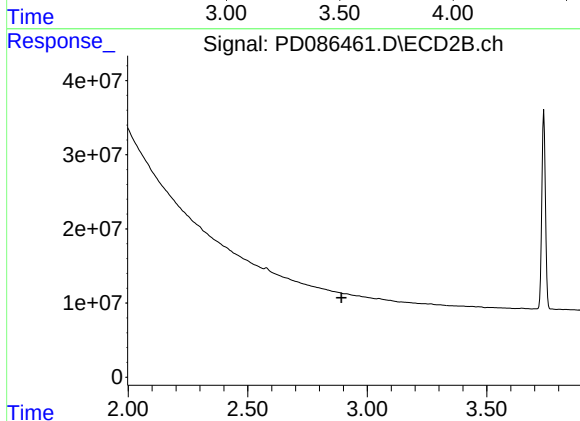




#1 Tetrachloro-m-xylene

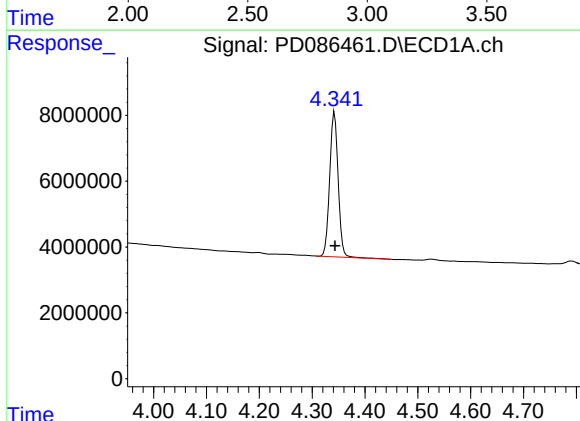
R.T.: 0.000 min  
Exp R.T.: 3.561 min  
Response: 0  
Conc: N.D.

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



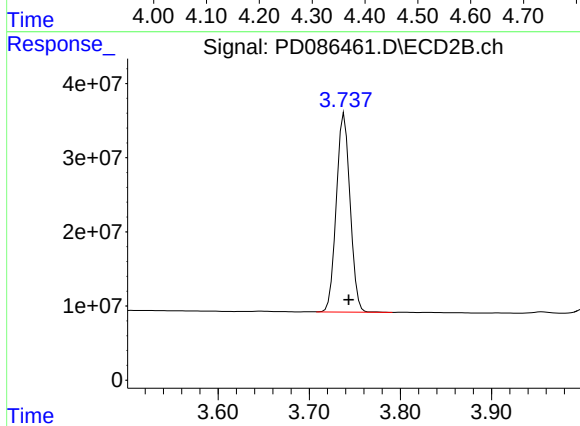
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T.: 2.893 min  
Response: 0  
Conc: N.D.



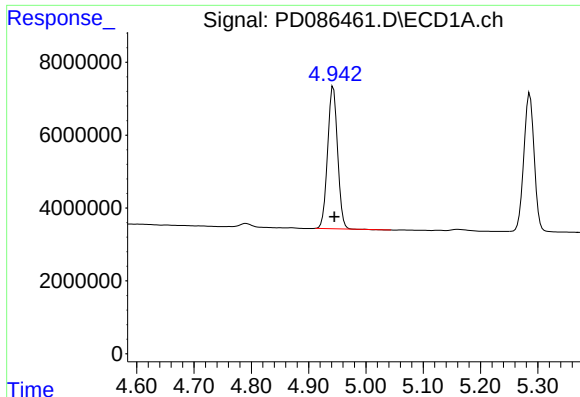
#3 gamma-BHC (Lindane)

R.T.: 4.342 min  
Delta R.T.: -0.001 min  
Response: 49016177  
Conc: 19.70 ng/ml



#3 gamma-BHC (Lindane)

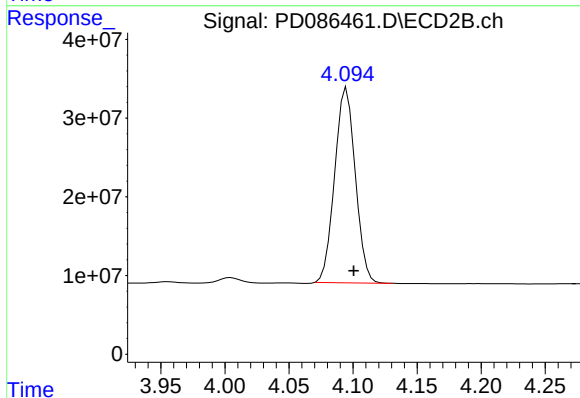
R.T.: 3.739 min  
Delta R.T.: -0.005 min  
Response: 281333404  
Conc: 20.86 ng/ml



#4 Heptachlor

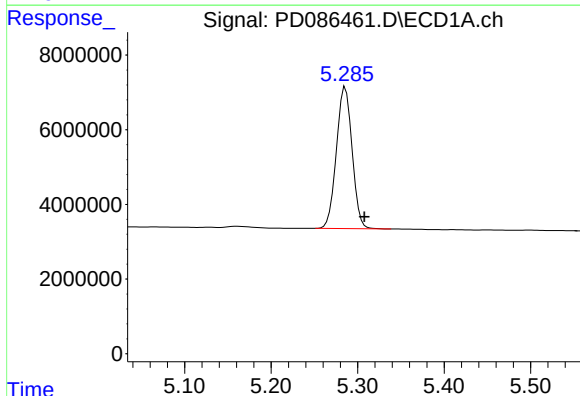
R.T.: 4.943 min  
Delta R.T.: -0.002 min  
Response: 47057364  
Conc: 19.04 ng/ml

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



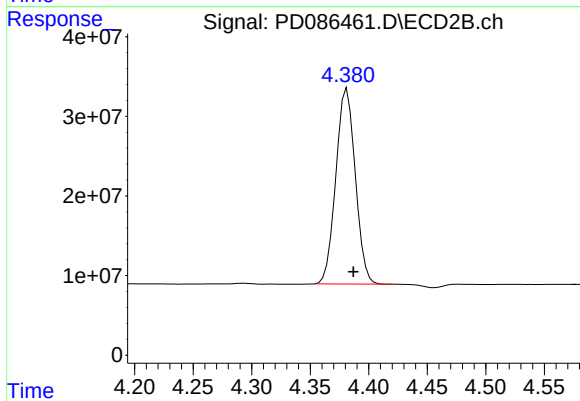
#4 Heptachlor

R.T.: 4.095 min  
Delta R.T.: -0.005 min  
Response: 278009277  
Conc: 20.35 ng/ml



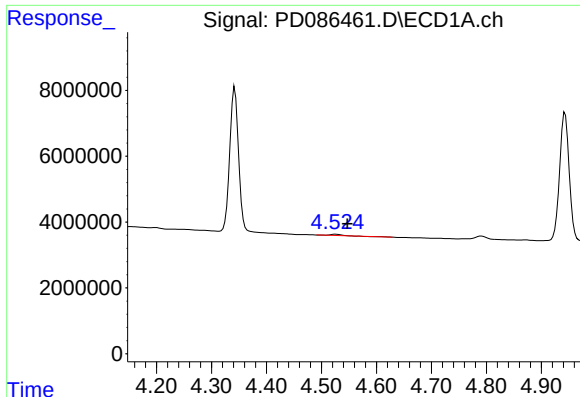
#5 Aldrin

R.T.: 5.286 min  
Delta R.T.: -0.022 min  
Response: 47596103  
Conc: 19.64 ng/ml



#5 Aldrin

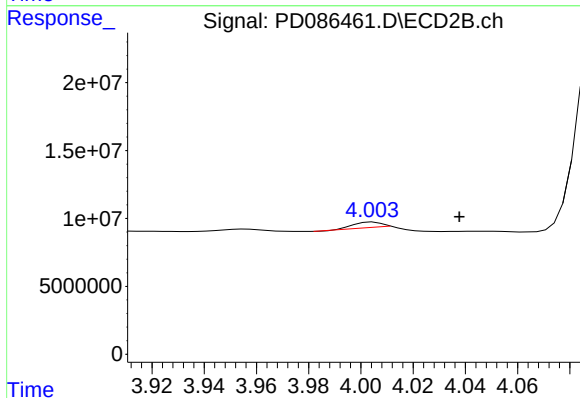
R.T.: 4.382 min  
Delta R.T.: -0.005 min  
Response: 283701536  
Conc: 20.91 ng/ml



#6 beta-BHC

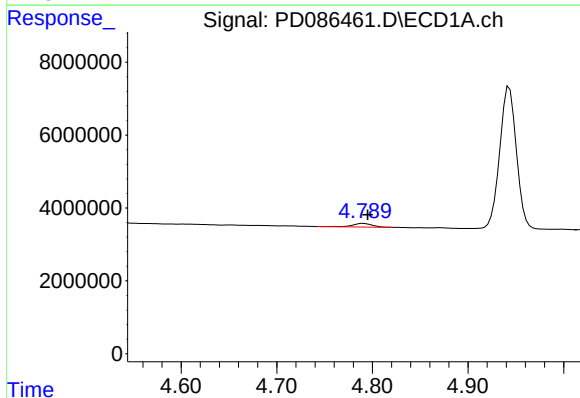
R.T.: 4.526 min  
Delta R.T.: -0.022 min  
Response: 480510  
Conc: 0.43 ng/ml

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



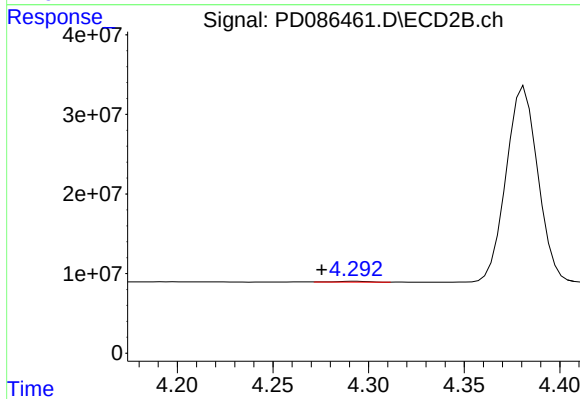
#6 beta-BHC

R.T.: 4.005 min  
Delta R.T.: -0.033 min  
Response: 3391671  
Conc: 0.54 ng/ml



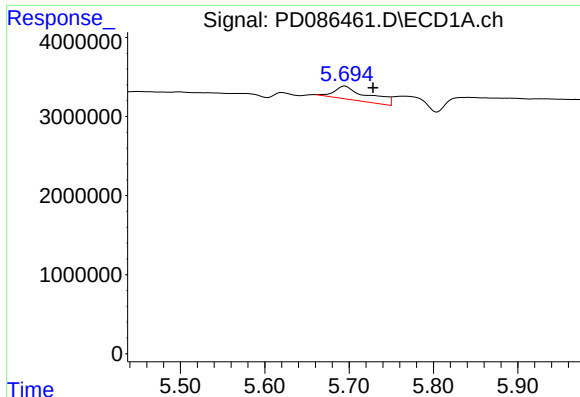
#7 delta-BHC

R.T.: 4.791 min  
Delta R.T.: -0.004 min  
Response: 1350255  
Conc: 0.52 ng/ml



#7 delta-BHC

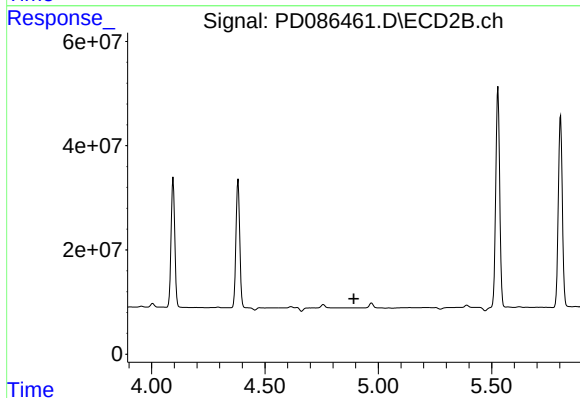
R.T.: 4.293 min  
Delta R.T.: 0.018 min  
Response: 1178185  
Conc: N.D.



#8 Heptachlor epoxide

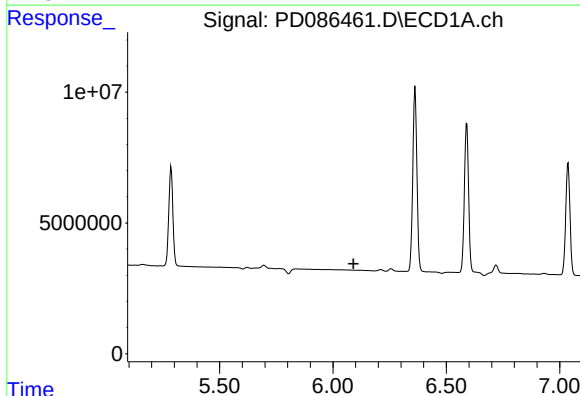
R.T.: 5.695 min  
Delta R.T.: -0.033 min  
Response: 4656416  
Conc: 2.04 ng/ml

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



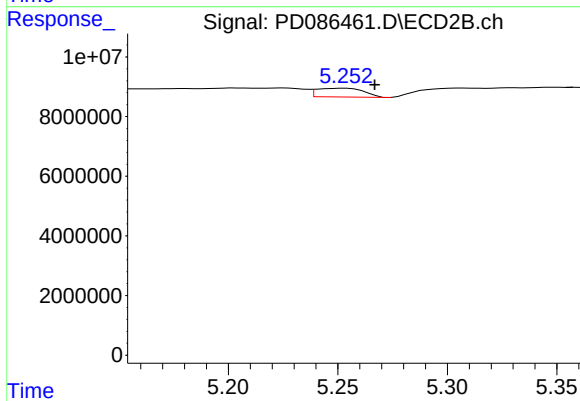
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.892 min  
Response: 0  
Conc: N.D.



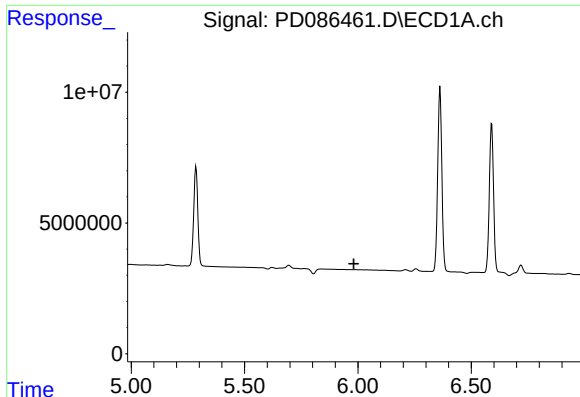
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.091 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

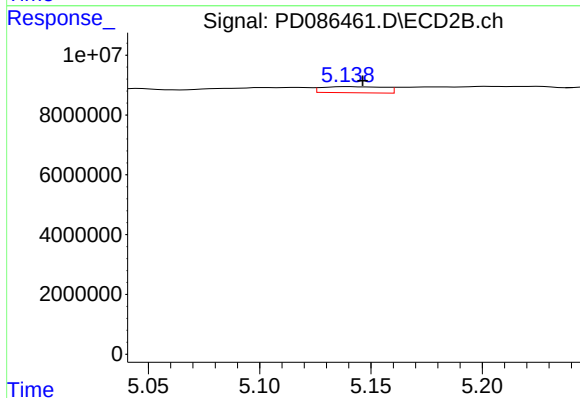
R.T.: 5.253 min  
Delta R.T.: -0.014 min  
Response: 4375378  
Conc: 0.38 ng/ml



#10 trans-Chlordane

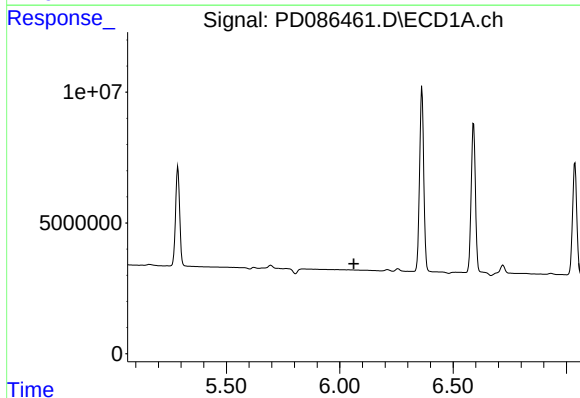
R.T.: 0.000 min  
Exp R.T.: 5.983 min  
Response: 0  
Conc: N.D.

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



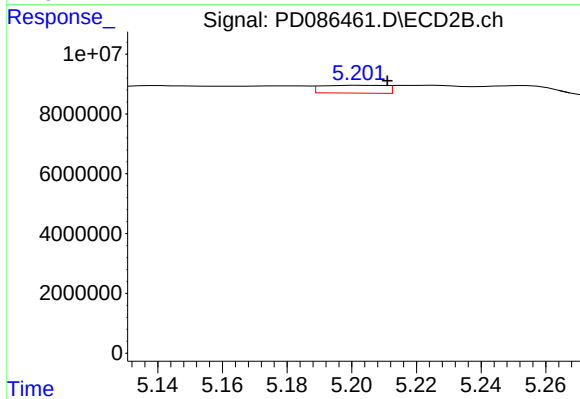
#10 trans-Chlordane

R.T.: 5.140 min  
Delta R.T.: -0.006 min  
Response: 3996757  
Conc: 0.30 ng/ml



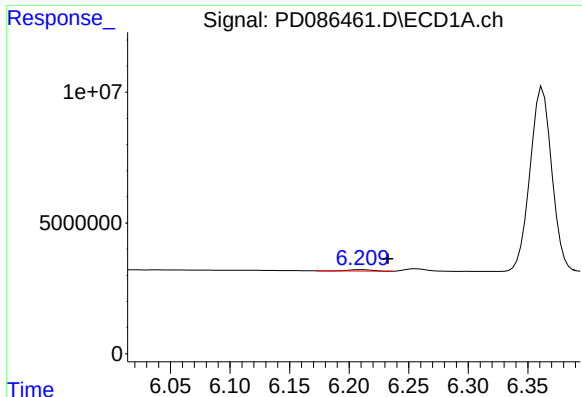
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.062 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

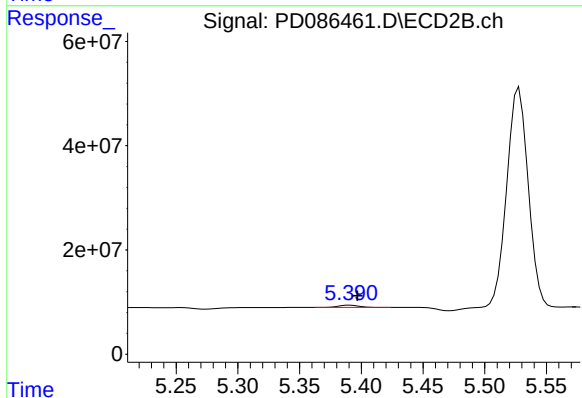
R.T.: 5.203 min  
Delta R.T.: -0.008 min  
Response: 3588816  
Conc: 0.28 ng/ml



#12 4,4'-DDE

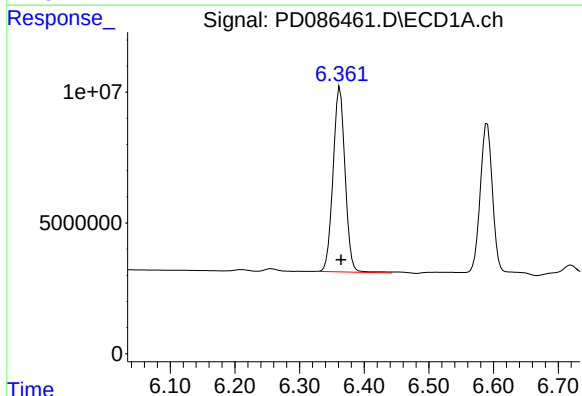
R.T.: 6.210 min  
Delta R.T.: -0.022 min  
Response: 696012  
Conc: 0.33 ng/ml

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



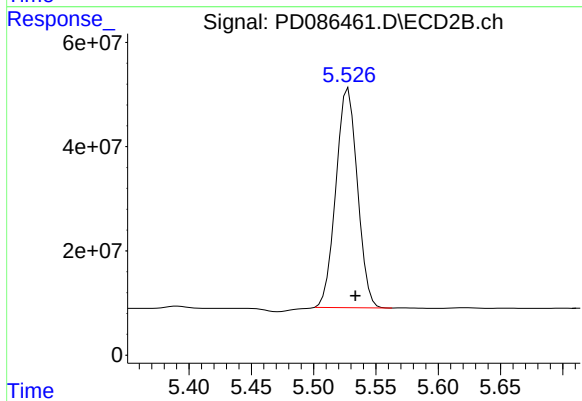
#12 4,4'-DDE

R.T.: 5.391 min  
Delta R.T.: -0.006 min  
Response: 4883847  
Conc: 0.40 ng/ml



#13 Dieldrin

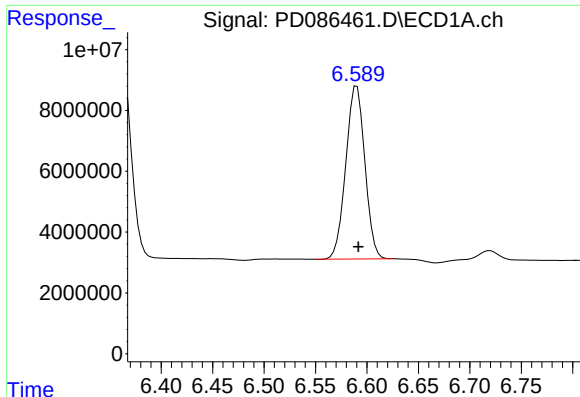
R.T.: 6.362 min  
Delta R.T.: -0.002 min  
Response: 91098503  
Conc: 39.94 ng/ml



#13 Dieldrin

R.T.: 5.528 min  
Delta R.T.: -0.006 min  
Response: 506588927  
Conc: 41.06 ng/ml

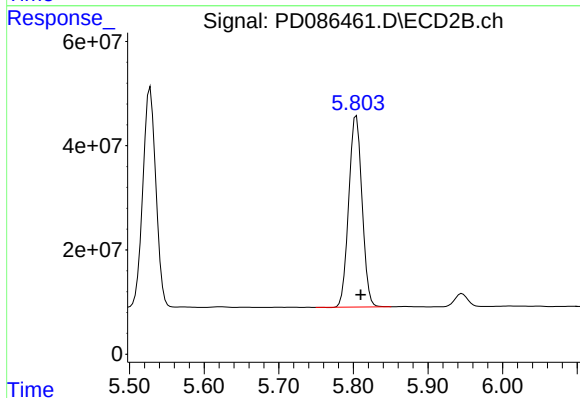




#14 Endrin

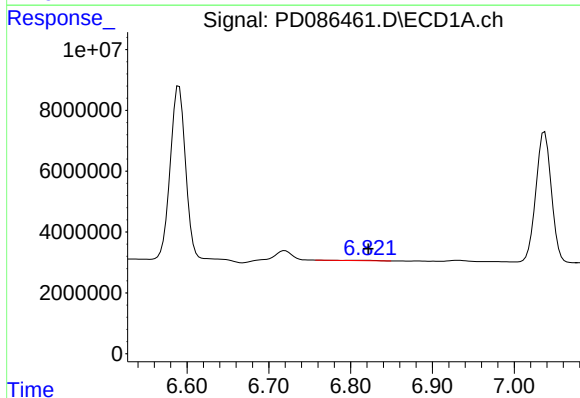
R.T.: 6.590 min  
Delta R.T.: -0.001 min  
Response: 73365026  
Conc: 39.03 ng/ml

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



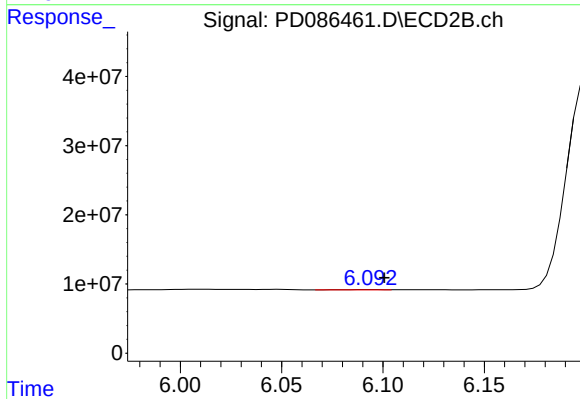
#14 Endrin

R.T.: 5.804 min  
Delta R.T.: -0.006 min  
Response: 453486129  
Conc: 40.35 ng/ml



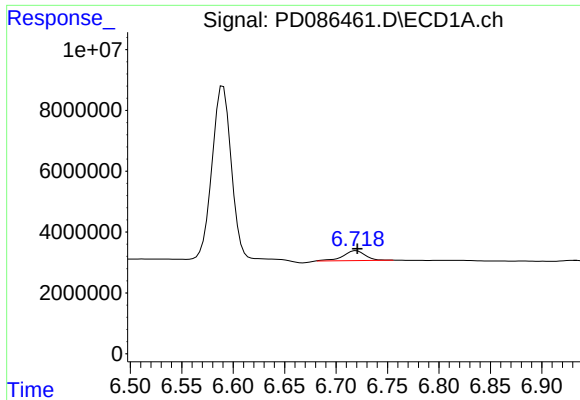
#15 Endosulfan II

R.T.: 6.820 min  
Delta R.T.: -0.002 min  
Response: 300885  
Conc: 0.15 ng/ml



#15 Endosulfan II

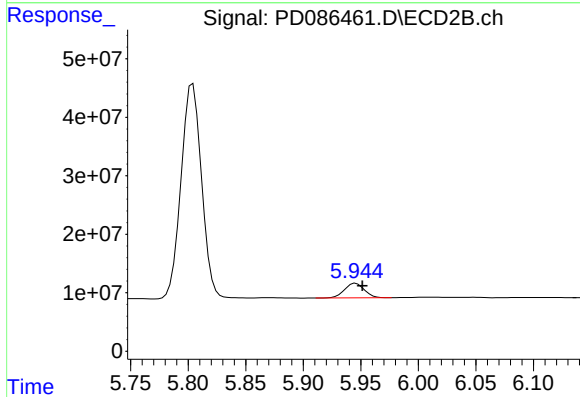
R.T.: 6.093 min  
Delta R.T.: -0.007 min  
Response: 665872  
Conc: N.D.



#16 4,4'-DDD

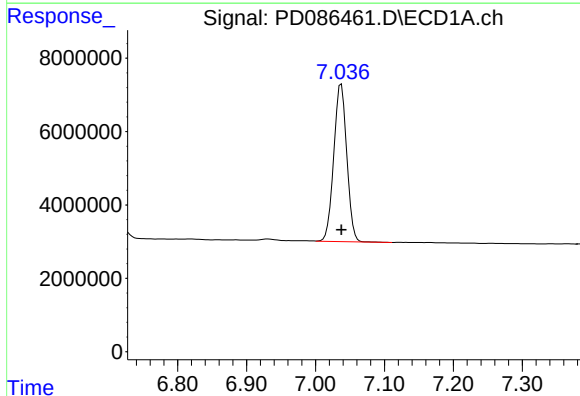
R.T.: 6.720 min  
Delta R.T.: -0.001 min  
Response: 4836868  
Conc: 2.98 ng/ml

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



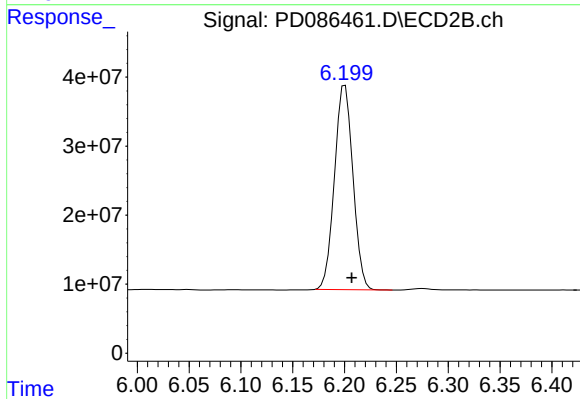
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: -0.006 min  
Response: 29831950  
Conc: 3.04 ng/ml



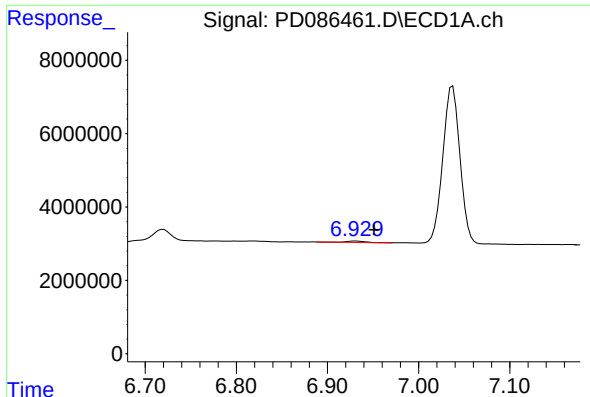
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 56273925  
Conc: 33.75 ng/ml



#17 4,4'-DDT

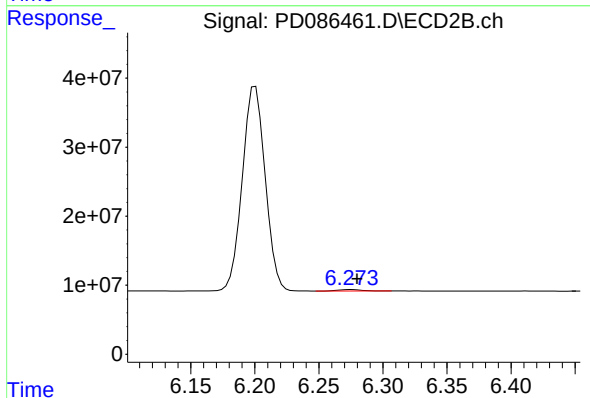
R.T.: 6.200 min  
Delta R.T.: -0.006 min  
Response: 366708507  
Conc: 35.74 ng/ml



#18 Endrin aldehyde

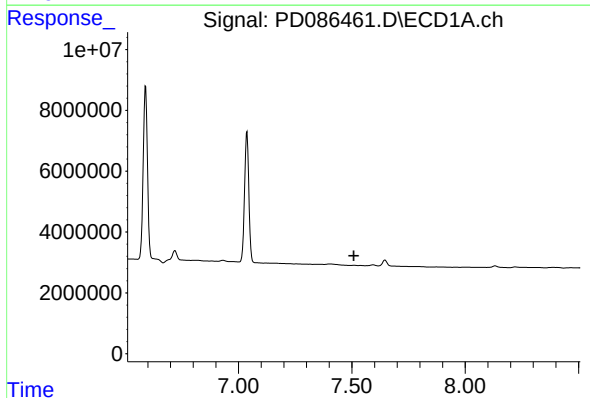
R.T.: 6.931 min  
Delta R.T.: -0.021 min  
Response: 557195  
Conc: 0.37 ng/ml

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



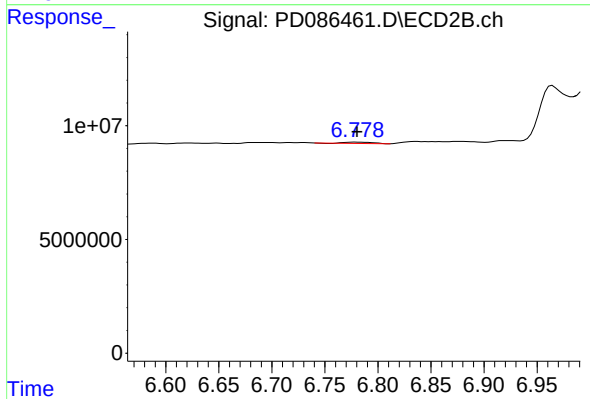
#18 Endrin aldehyde

R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 2562616  
Conc: 0.31 ng/ml



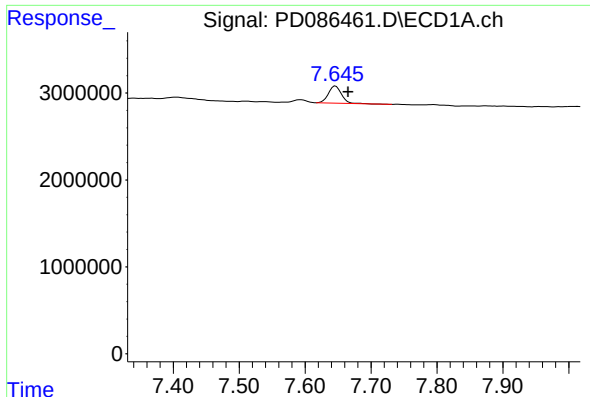
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.509 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

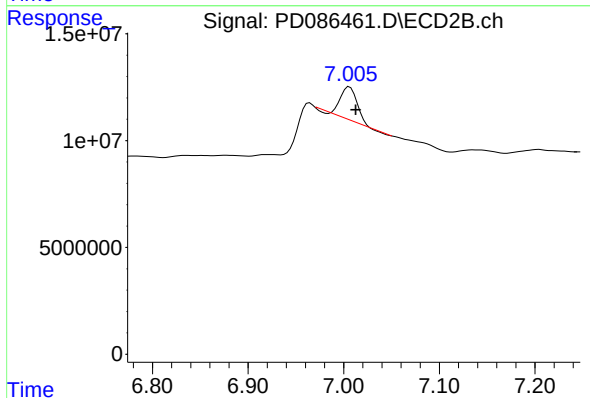
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 1086814  
Conc: 0.23 ng/ml



#21 Endrin ketone

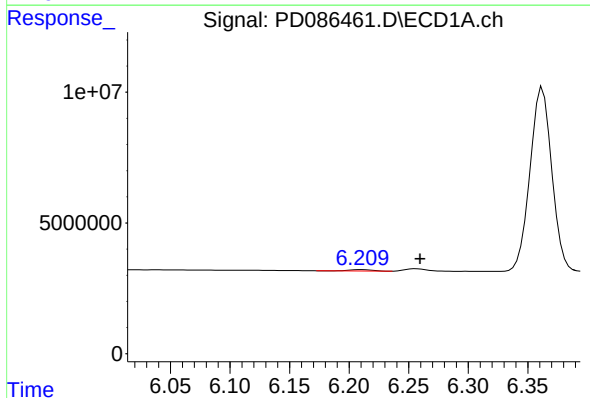
R.T.: 7.646 min  
Delta R.T.: -0.019 min  
Response: 2716462  
Conc: 1.32 ng/ml

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



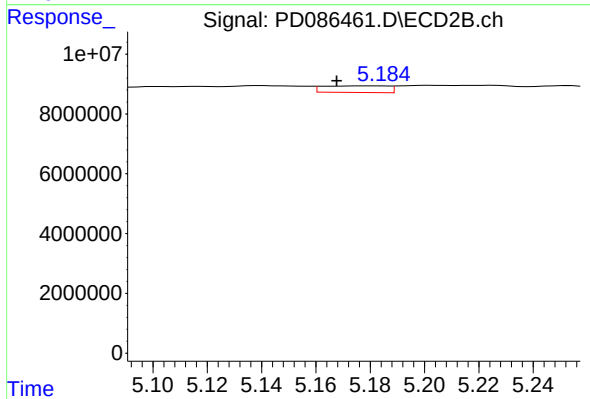
#21 Endrin ketone

R.T.: 7.006 min  
Delta R.T.: -0.007 min  
Response: 15968439  
Conc: 1.40 ng/ml



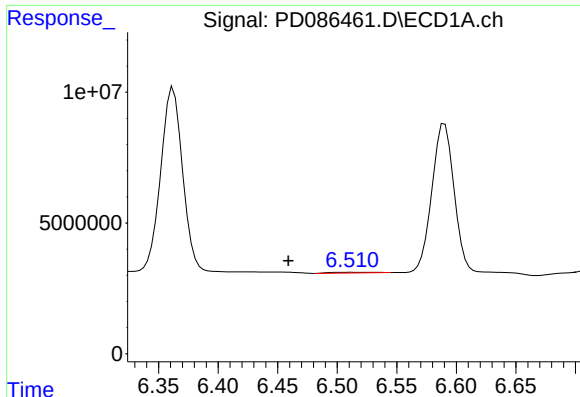
#22 Toxaphene-1

R.T.: 6.210 min  
Delta R.T.: -0.049 min  
Response: 696012  
Conc: 50.20 ng/ml



#22 Toxaphene-1

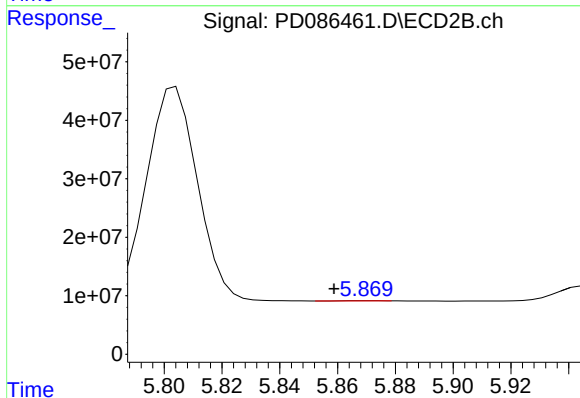
R.T.: 5.180 min  
Delta R.T.: 0.012 min  
Response: 3670927  
Conc: 55.93 ng/ml



#23 Toxaphene-2

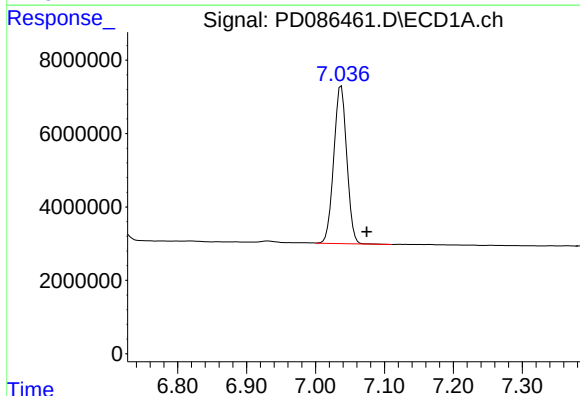
R.T.: 6.511 min  
Delta R.T.: 0.052 min  
Response: 630375  
Conc: 31.74 ng/ml

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



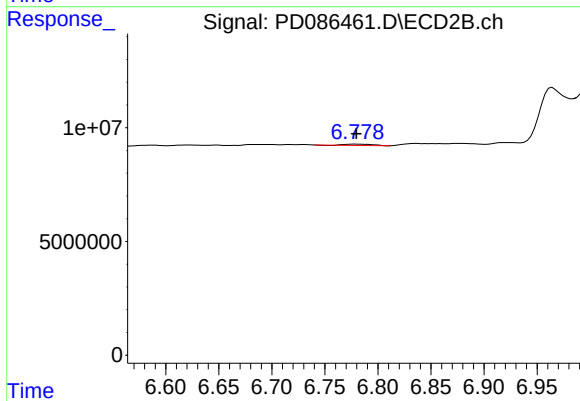
#23 Toxaphene-2

R.T.: 5.870 min  
Delta R.T.: 0.012 min  
Response: 311223  
Conc: 4.44 ng/ml



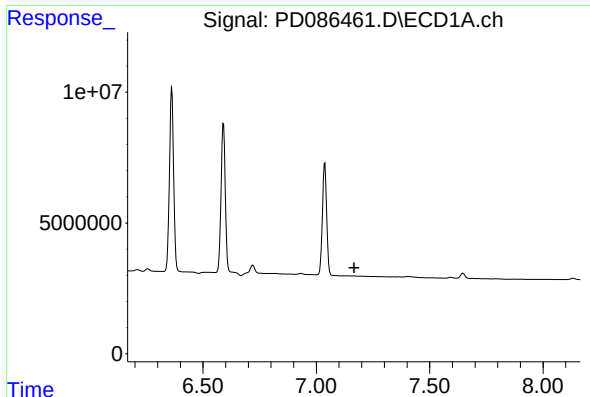
#24 Toxaphene-3

R.T.: 7.037 min  
Delta R.T.: -0.037 min  
Response: 56273925  
Conc: 1052.12 ng/ml



#24 Toxaphene-3

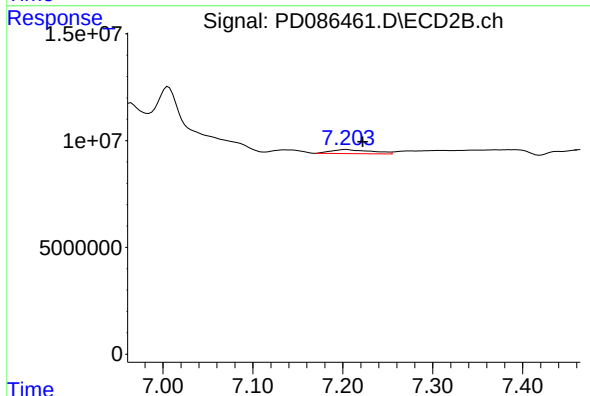
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 1086814  
Conc: 4.73 ng/ml



#25 Toxaphene-4

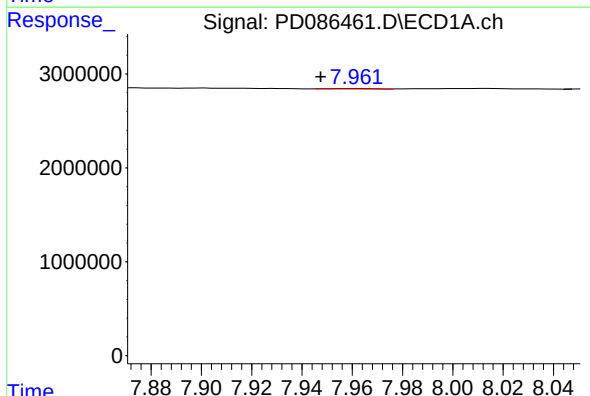
R.T.: 0.000 min  
Exp R.T.: 7.167 min  
Response: 0  
Conc: N.D.

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



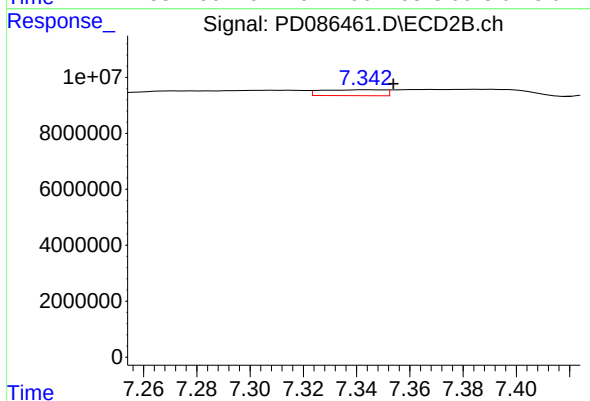
#25 Toxaphene-4

R.T.: 7.204 min  
Delta R.T.: -0.018 min  
Response: 5826211  
Conc: 35.90 ng/ml



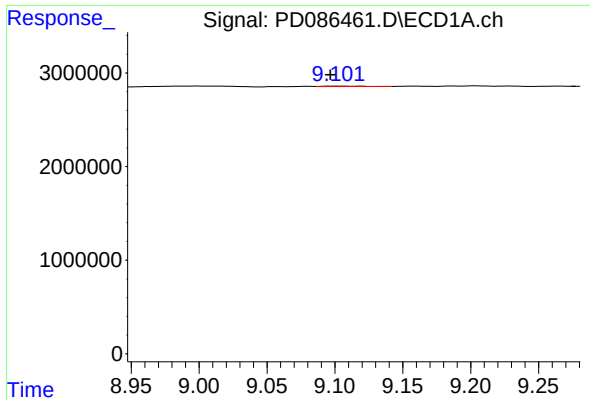
#26 Toxaphene-5

R.T.: 7.958 min  
Delta R.T.: 0.010 min  
Response: 53457  
Conc: 1.88 ng/ml



#26 Toxaphene-5

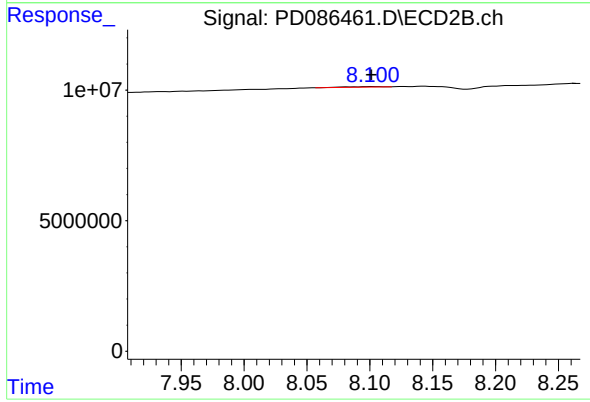
R.T.: 7.345 min  
Delta R.T.: -0.009 min  
Response: 3460334  
Conc: 29.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.103 min  
Delta R.T.: 0.006 min  
Response: 96987  
Conc: N.D.

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



#27 Decachlorobiphenyl

R.T.: 8.101 min  
Delta R.T.: 0.000 min  
Response: 421037  
Conc: N.D.