

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010725\  
 Data File : PD087380.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2025 12:03  
 Operator : AR\AJ  
 Sample : Q1006-12  
 Misc :  
 ALS Vial : 6 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: Jan 08 00:20:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 23:32:53 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

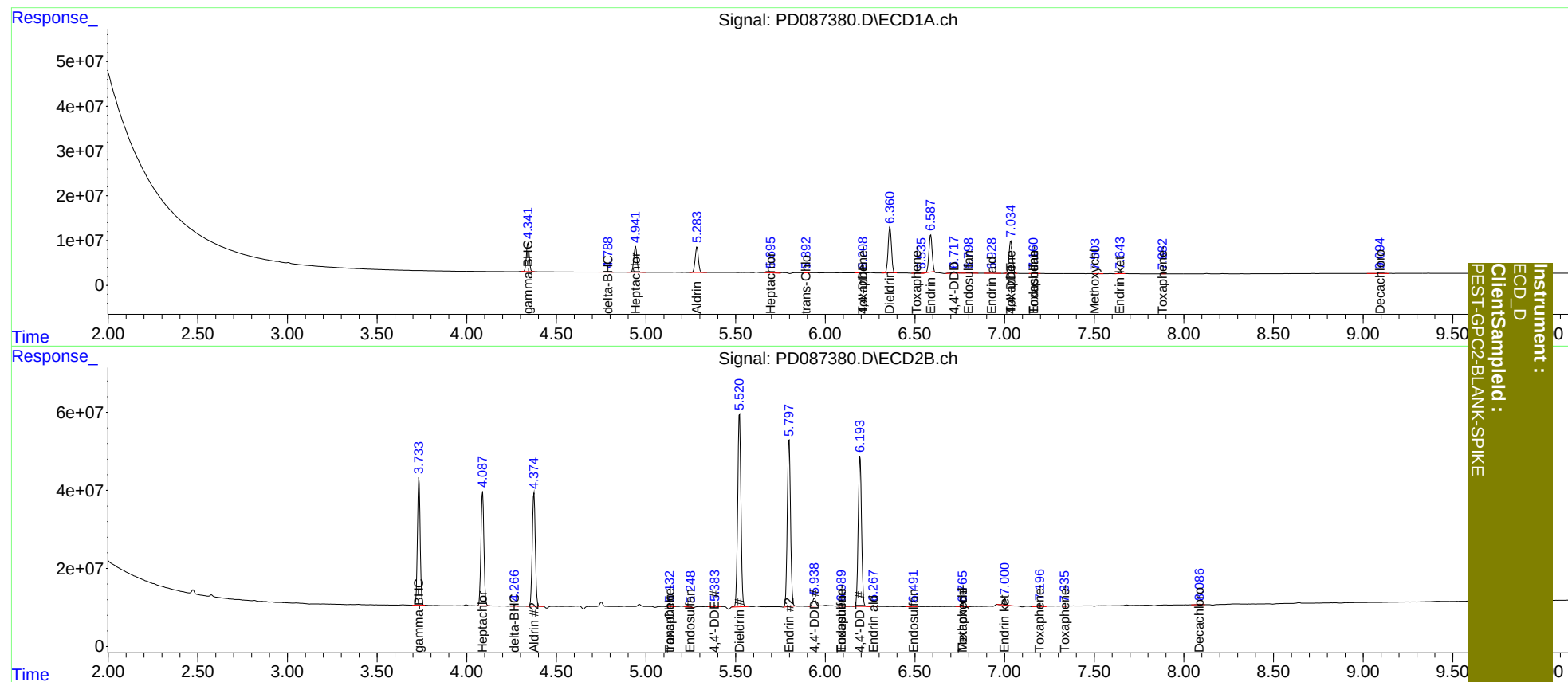
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 0.000  | 2.914f | 0        | 841884   | N.D.     | <MDL     |
| 27)                         | SA Decachlor... | 9.096  | 8.087  | 384631   | 2067197  | 0.126    | 0.157    |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.396  | 0        | 973254   | N.D.     | <MDL     |
| 3)                          | MA gamma-BHC... | 4.342  | 3.734  | 71368307 | 345.3E6  | 18.273   | 20.408   |
| 4)                          | MA Heptachlor   | 4.942  | 4.089  | 70556550 | 337.0E6  | 17.779   | 19.490   |
| 5)                          | MB Aldrin       | 5.284  | 4.375  | 71294337 | 344.7E6  | 18.302   | 20.595   |
| 7)                          | B delta-BHC     | 4.789  | 4.267  | 804558   | 2117438  | 0.202    | 0.122 #  |
| 8)                          | B Heptachlo...  | 5.695  | 4.880  | 4218758  | 825338   | 1.169    | <MDL #   |
| 9)                          | A Endosulfan I  | 6.085  | 5.247  | 53423    | 2431491  | <MDL     | 0.168 #  |
| 10)                         | B trans-Chl...  | 5.893f | 5.133  | 710800   | 1966818  | 0.203    | 0.121 #  |
| 11)                         | B cis-Chlor...  | 6.085f | 5.199  | 53423    | 855151   | <MDL     | <MDL #   |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.384  | 504896   | 3451087  | 0.153    | 0.232 #  |
| 13)                         | MA Dieldrin     | 6.361  | 5.522  | 132.8E6  | 615.9E6  | 36.712   | 40.230   |
| 14)                         | MA Endrin       | 6.588  | 5.798  | 103.0E6  | 537.4E6  | 34.464   | 38.468   |
| 15)                         | B Endosulfa...  | 6.799  | 6.090  | 784831   | 2317719  | 0.263    | 0.171 #  |
| 16)                         | A 4,4'-DDD      | 6.719  | 5.939  | 5850751  | 24677437 | 2.257    | 2.027    |
| 17)                         | MA 4,4'-DDT     | 7.035  | 6.194  | 95688670 | 496.4E6  | 35.692   | 39.375   |
| 18)                         | B Endrin al...  | 6.929  | 6.268  | 627309   | 3221482  | 0.267    | 0.308    |
| 19)                         | B Endosulfa...  | 7.162  | 6.492  | 457184   | 2734505  | 0.158    | 0.207 #  |
| 20)                         | A Methoxychlor  | 7.506  | 6.766  | 292525   | 2178958  | 0.197    | 0.374 #  |
| 21)                         | B Endrin ke...  | 7.644  | 7.001  | 3166242  | 19554624 | 0.987    | 1.353 #  |
| 22)                         | Toxaphene-1     | 6.210f | 5.133  | 504896   | 1966818  | 22.579   | 24.366   |
| 23)                         | Toxaphene-2     | 6.509f | 6.090f | 1792529  | 2317719  | 57.599   | 26.192 # |
| 24)                         | Toxaphene-3     | 7.035  | 6.766  | 95688670 | 2178958  | 1107.248 | 7.644 #  |
| 25)                         | Toxaphene-4     | 7.162  | 7.198  | 457184   | 9034562  | 7.075    | 45.181 # |
| 26)                         | Toxaphene-5     | 7.882f | 7.336  | 51583    | 1044114  | 1.102    | 7.029 #  |
| -----                       |                 |        |        |          |          |          |          |

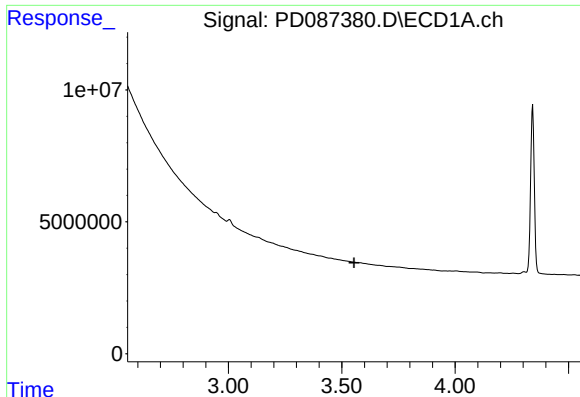
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010725\  
Data File : PD087380.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jan 2025 12:03  
Operator : AR\AJ  
Sample : Q1006-12  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 00:20:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD122024CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 20 23:32:53 2024  
Response via : Initial Calibration  
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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

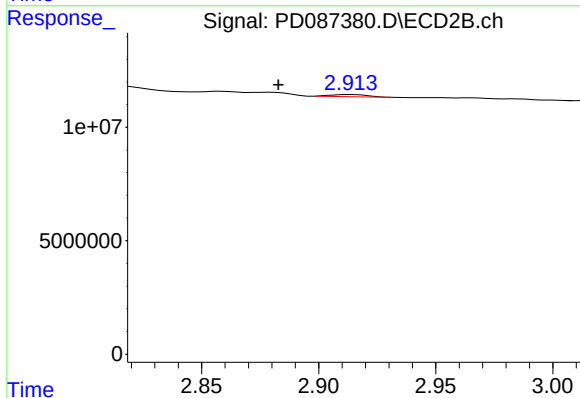




#1 Tetrachloro-m-xylene

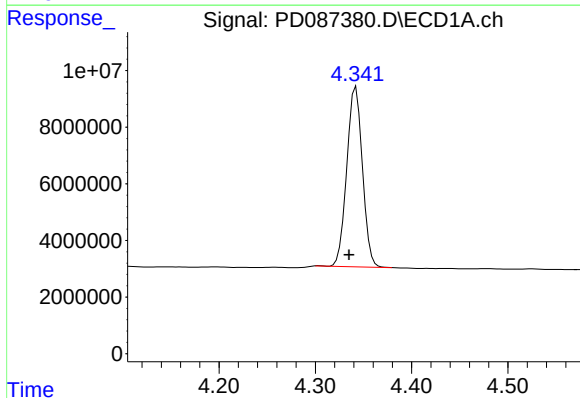
R.T.: 0.000 min  
Exp R.T.: 3.555 min  
Response: 0  
Conc: N.D.

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



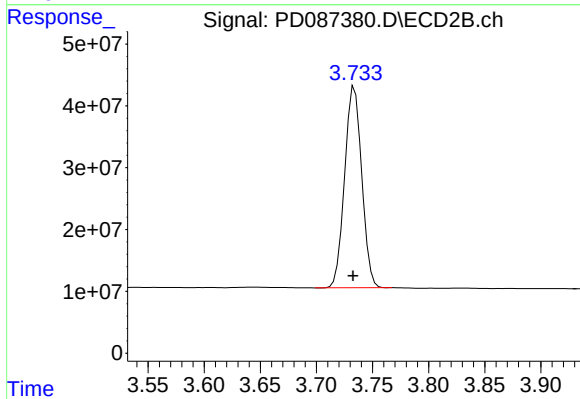
#1 Tetrachloro-m-xylene

R.T.: 2.914 min  
Delta R.T.: 0.031 min  
Response: 841884  
Conc: N.D.



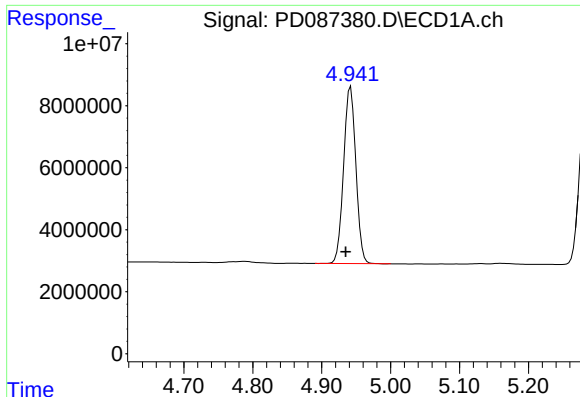
#3 gamma-BHC (Lindane)

R.T.: 4.342 min  
Delta R.T.: 0.007 min  
Response: 71368307  
Conc: 18.27 ng/ml



#3 gamma-BHC (Lindane)

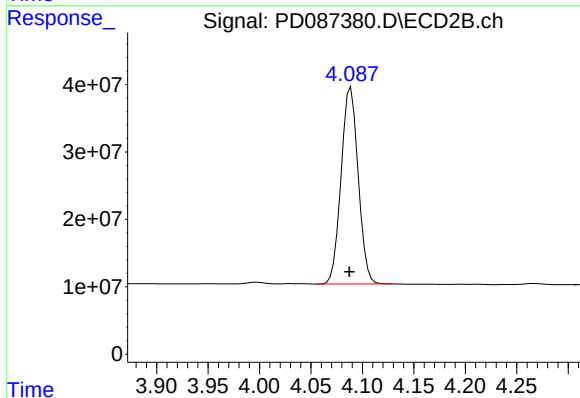
R.T.: 3.734 min  
Delta R.T.: 0.001 min  
Response: 345293826  
Conc: 20.41 ng/ml



#4 Heptachlor

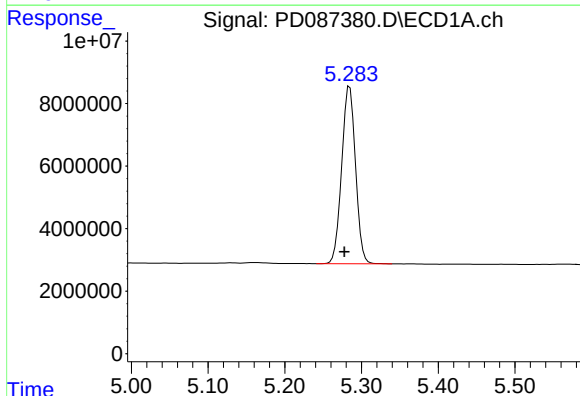
R.T.: 4.942 min  
Delta R.T.: 0.007 min  
Response: 70556550  
Conc: 17.78 ng/ml

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



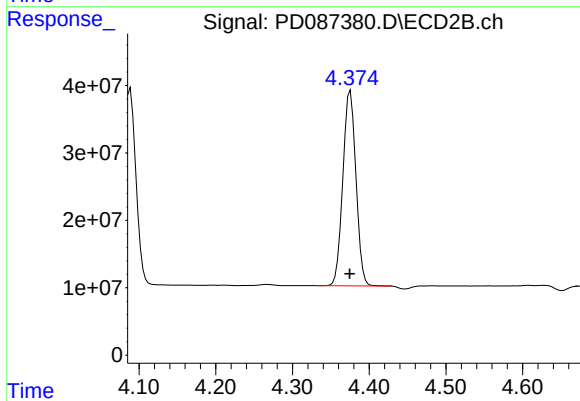
#4 Heptachlor

R.T.: 4.089 min  
Delta R.T.: 0.001 min  
Response: 336994472  
Conc: 19.49 ng/ml



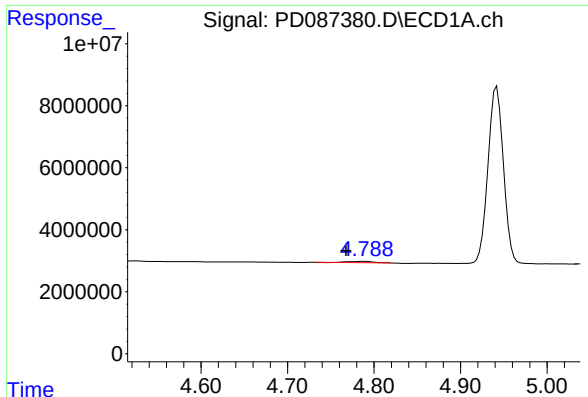
#5 Aldrin

R.T.: 5.284 min  
Delta R.T.: 0.007 min  
Response: 71294337  
Conc: 18.30 ng/ml



#5 Aldrin

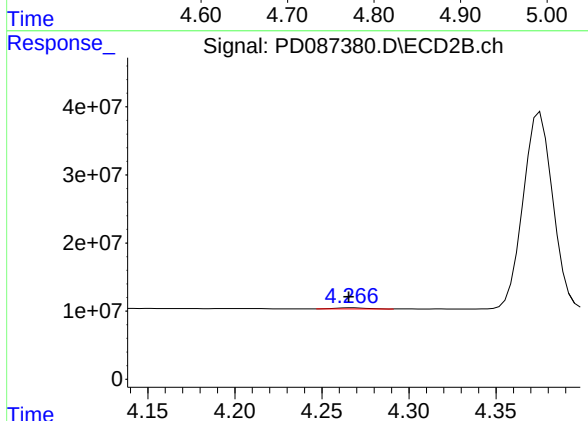
R.T.: 4.375 min  
Delta R.T.: 0.000 min  
Response: 344679970  
Conc: 20.60 ng/ml



#7 delta-BHC

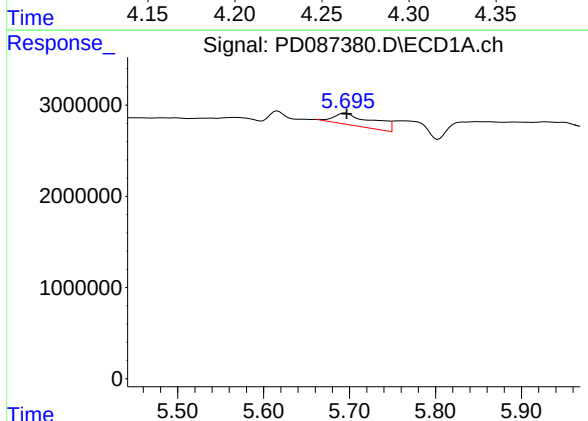
R.T.: 4.789 min  
Delta R.T.: 0.022 min  
Response: 804558  
Conc: 0.20 ng/ml

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



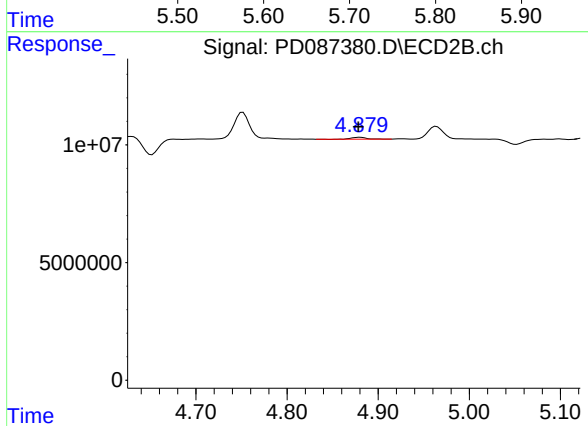
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.002 min  
Response: 2117438  
Conc: 0.12 ng/ml



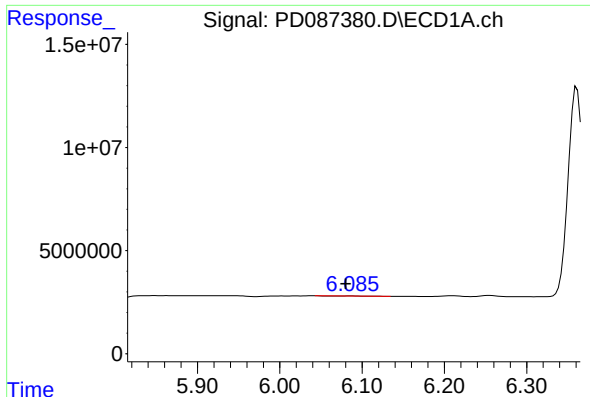
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: -0.002 min  
Response: 4218758  
Conc: 1.17 ng/ml



#8 Heptachlor epoxide

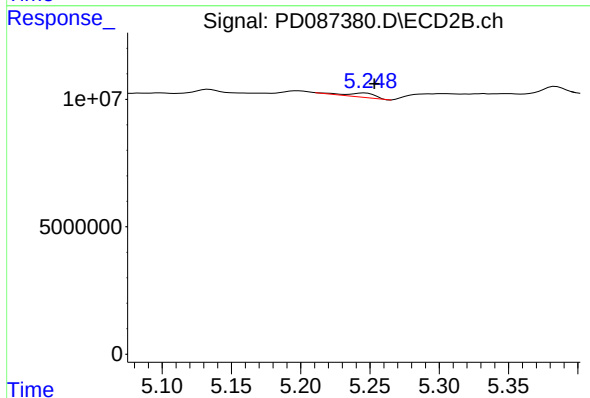
R.T.: 4.880 min  
Delta R.T.: 0.002 min  
Response: 825338  
Conc: N.D.



#9 Endosulfan I

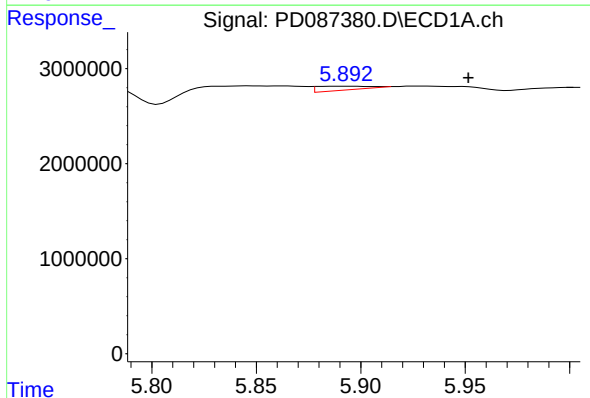
R.T.: 6.085 min  
Delta R.T.: 0.005 min  
Response: 53423  
Conc: N.D.

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



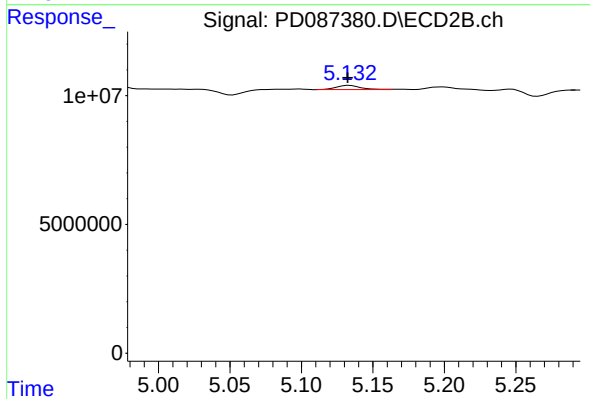
#9 Endosulfan I

R.T.: 5.247 min  
Delta R.T.: -0.007 min  
Response: 2431491  
Conc: 0.17 ng/ml



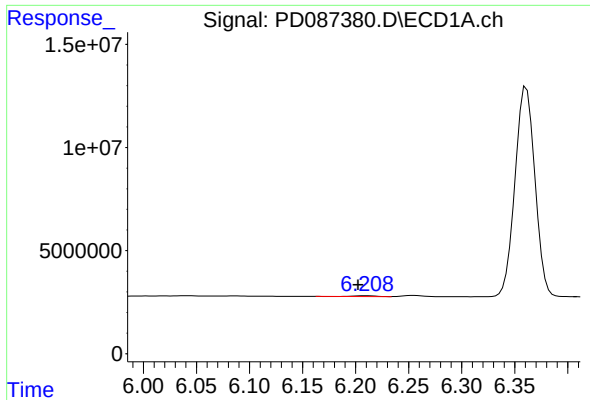
#10 trans-Chlordane

R.T.: 5.893 min  
Delta R.T.: -0.059 min  
Response: 710800  
Conc: 0.20 ng/ml



#10 trans-Chlordane

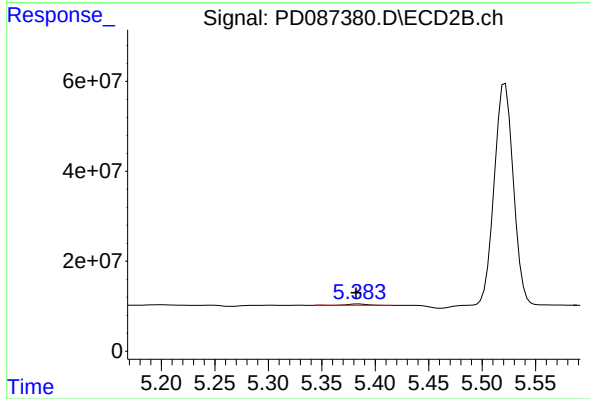
R.T.: 5.133 min  
Delta R.T.: 0.001 min  
Response: 1966818  
Conc: 0.12 ng/ml



#12 4,4'-DDE

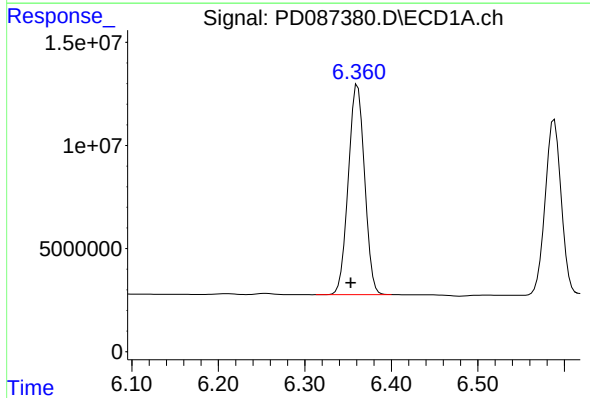
R.T.: 6.210 min  
Delta R.T.: 0.007 min  
Response: 504896  
Conc: 0.15 ng/ml

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



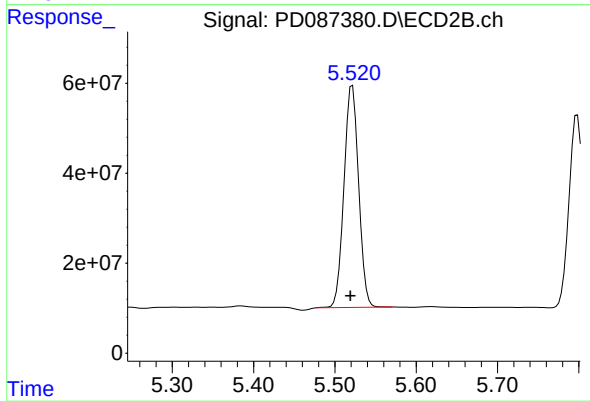
#12 4,4'-DDE

R.T.: 5.384 min  
Delta R.T.: 0.002 min  
Response: 3451087  
Conc: 0.23 ng/ml



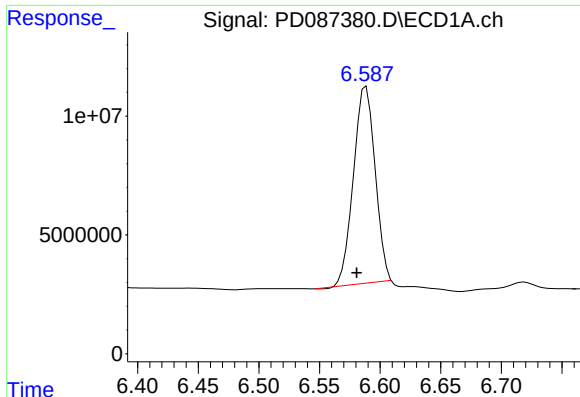
#13 Dieldrin

R.T.: 6.361 min  
Delta R.T.: 0.008 min  
Response: 132774098  
Conc: 36.71 ng/ml



#13 Dieldrin

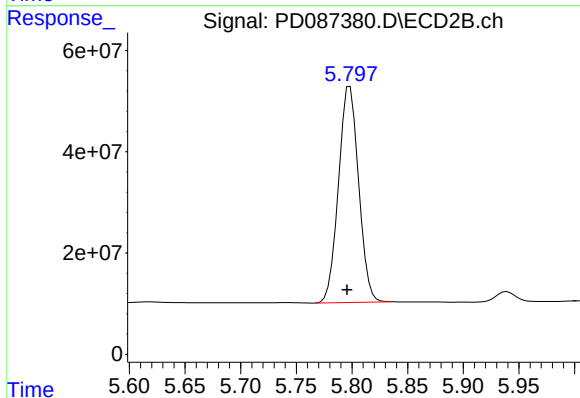
R.T.: 5.522 min  
Delta R.T.: 0.002 min  
Response: 615884498  
Conc: 40.23 ng/ml



#14 Endrin

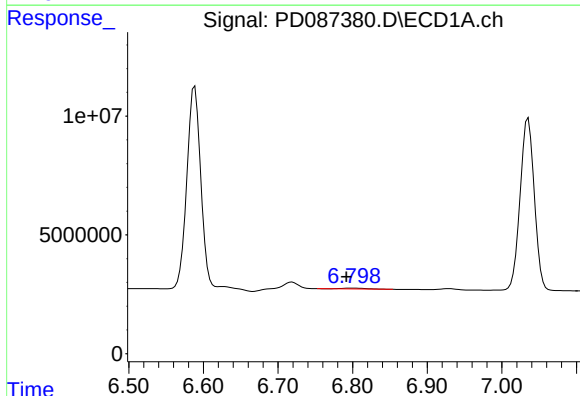
R.T.: 6.588 min  
Delta R.T.: 0.008 min  
Response: 102959906  
Conc: 34.46 ng/ml

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



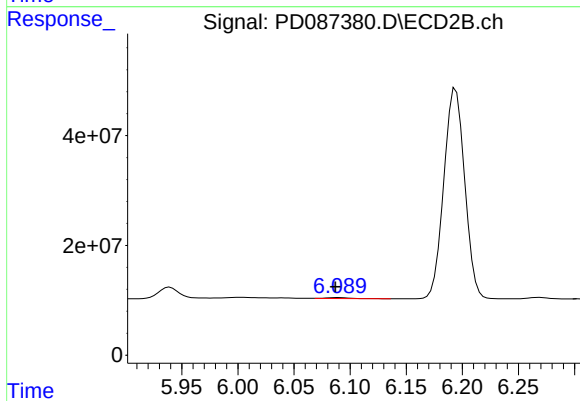
#14 Endrin

R.T.: 5.798 min  
Delta R.T.: 0.003 min  
Response: 537430761  
Conc: 38.47 ng/ml



#15 Endosulfan II

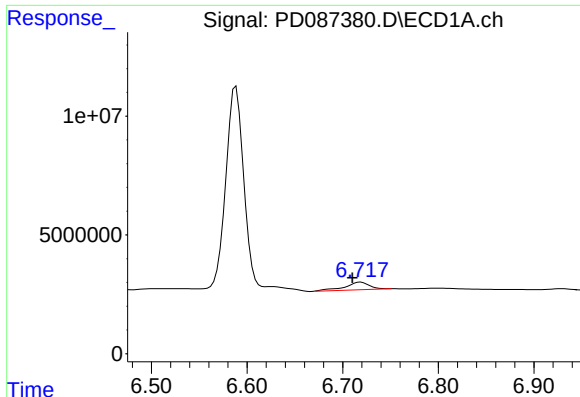
R.T.: 6.799 min  
Delta R.T.: 0.007 min  
Response: 784831  
Conc: 0.26 ng/ml



#15 Endosulfan II

R.T.: 6.090 min  
Delta R.T.: 0.003 min  
Response: 2317719  
Conc: 0.17 ng/ml

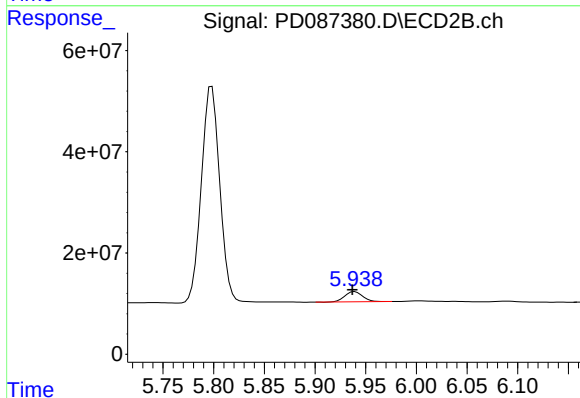




#16 4,4'-DDD

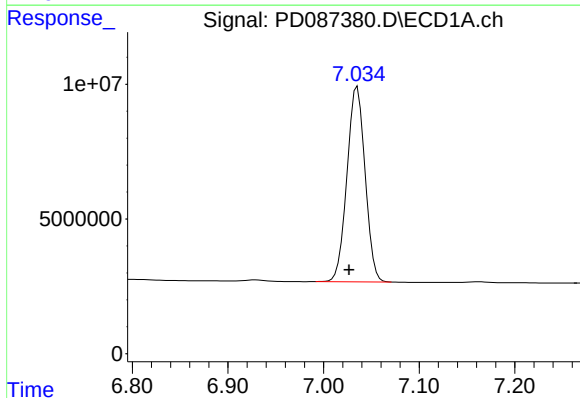
R.T.: 6.719 min  
Delta R.T.: 0.009 min  
Response: 5850751  
Conc: 2.26 ng/ml

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



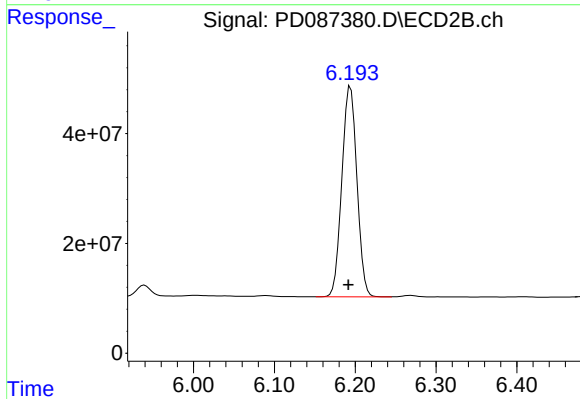
#16 4,4'-DDD

R.T.: 5.939 min  
Delta R.T.: 0.002 min  
Response: 24677437  
Conc: 2.03 ng/ml



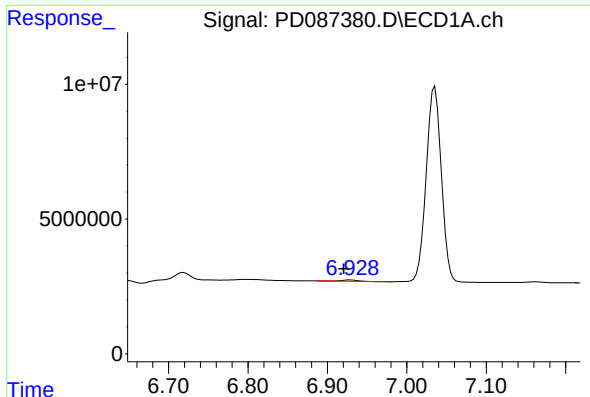
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: 0.009 min  
Response: 95688670  
Conc: 35.69 ng/ml



#17 4,4'-DDT

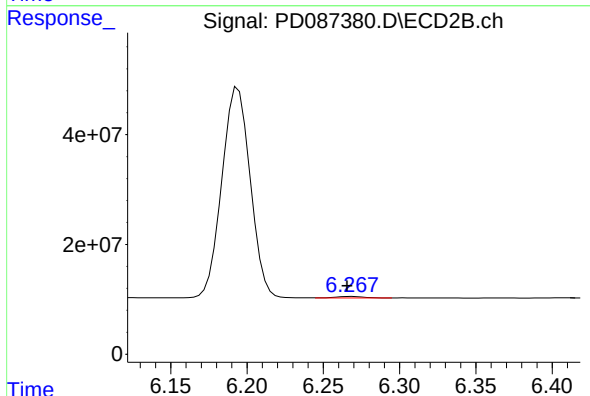
R.T.: 6.194 min  
Delta R.T.: 0.002 min  
Response: 496426880  
Conc: 39.38 ng/ml



#18 Endrin aldehyde

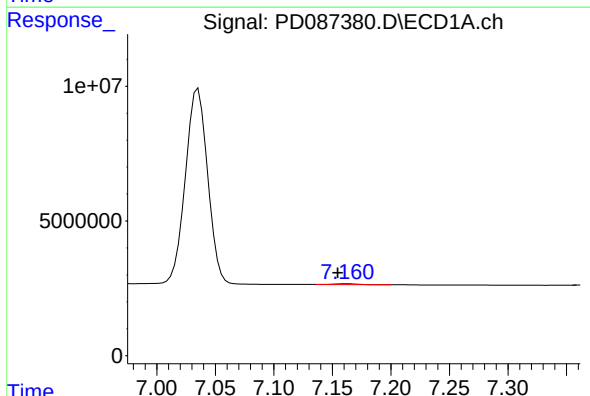
R.T.: 6.929 min  
Delta R.T.: 0.009 min  
Response: 627309  
Conc: 0.27 ng/ml

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



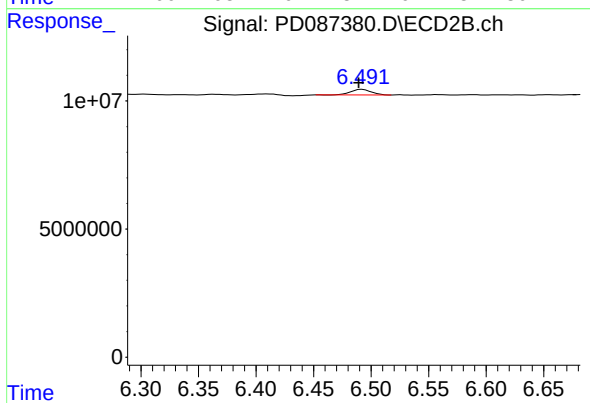
#18 Endrin aldehyde

R.T.: 6.268 min  
Delta R.T.: 0.003 min  
Response: 3221482  
Conc: 0.31 ng/ml



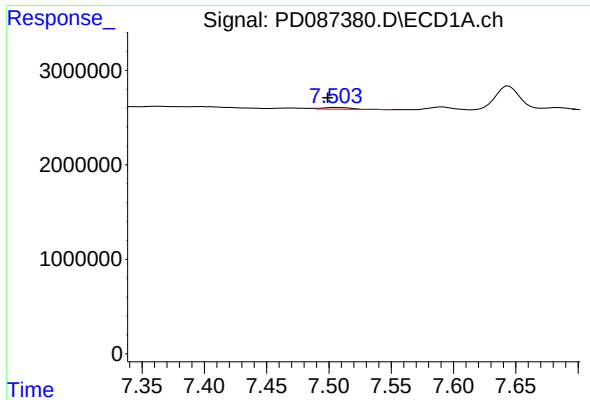
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: 0.007 min  
Response: 457184  
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

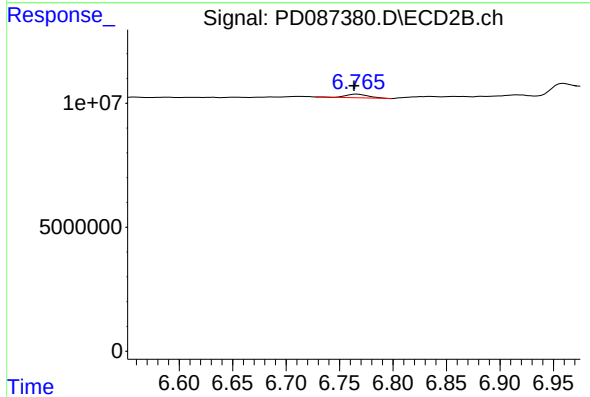
R.T.: 6.492 min  
Delta R.T.: 0.003 min  
Response: 2734505  
Conc: 0.21 ng/ml



#20 Methoxychlor

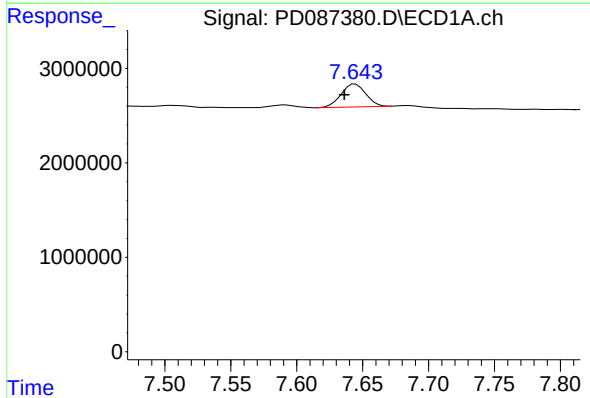
R.T.: 7.506 min  
Delta R.T.: 0.007 min  
Response: 292525  
Conc: 0.20 ng/ml

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



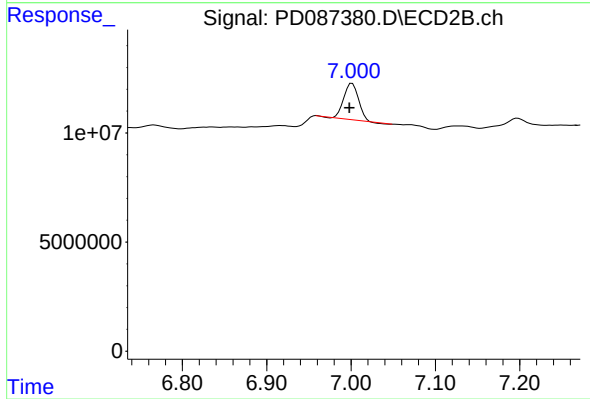
#20 Methoxychlor

R.T.: 6.766 min  
Delta R.T.: 0.003 min  
Response: 2178958  
Conc: 0.37 ng/ml



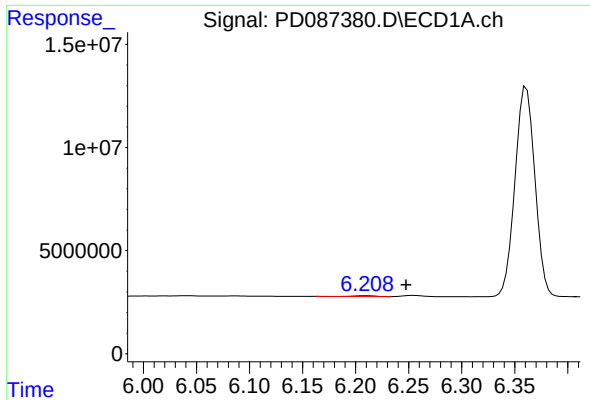
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.008 min  
Response: 3166242  
Conc: 0.99 ng/ml



#21 Endrin ketone

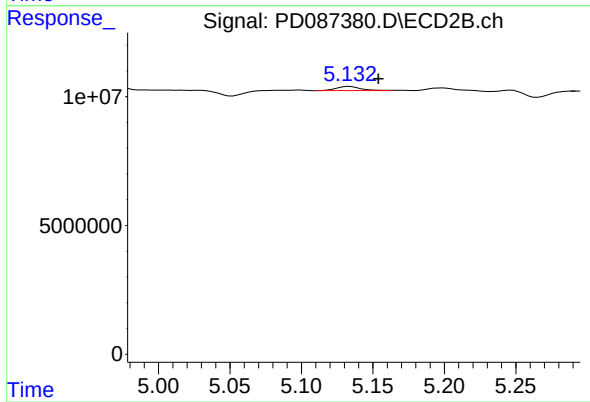
R.T.: 7.001 min  
Delta R.T.: 0.003 min  
Response: 19554624  
Conc: 1.35 ng/ml



#22 Toxaphene-1

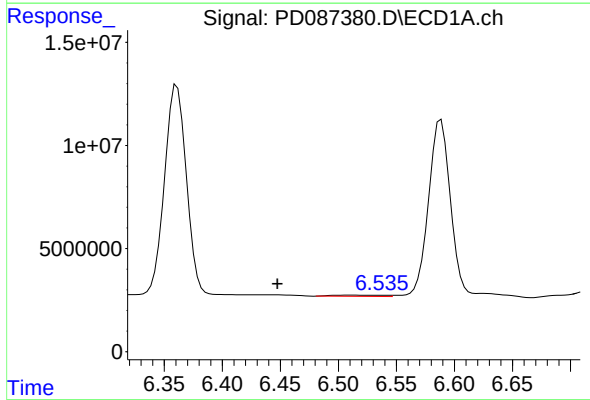
R.T.: 6.210 min  
Delta R.T.: -0.038 min  
Response: 504896  
Conc: 22.58 ng/ml

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



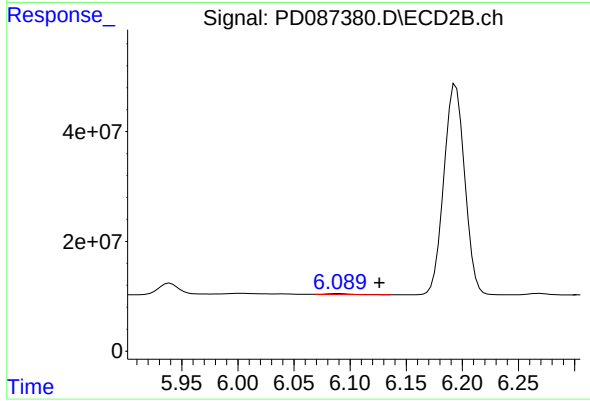
#22 Toxaphene-1

R.T.: 5.133 min  
Delta R.T.: -0.020 min  
Response: 1966818  
Conc: 24.37 ng/ml



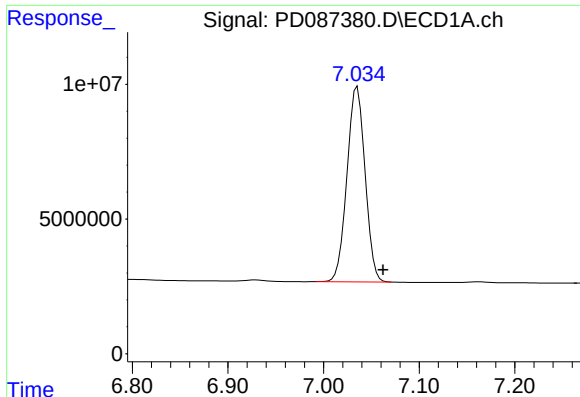
#23 Toxaphene-2

R.T.: 6.509 min  
Delta R.T.: 0.062 min  
Response: 1792529  
Conc: 57.60 ng/ml



#23 Toxaphene-2

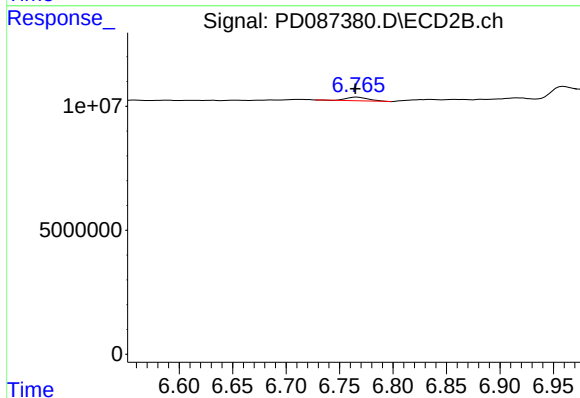
R.T.: 6.090 min  
Delta R.T.: -0.036 min  
Response: 2317719  
Conc: 26.19 ng/ml



#24 Toxaphene-3

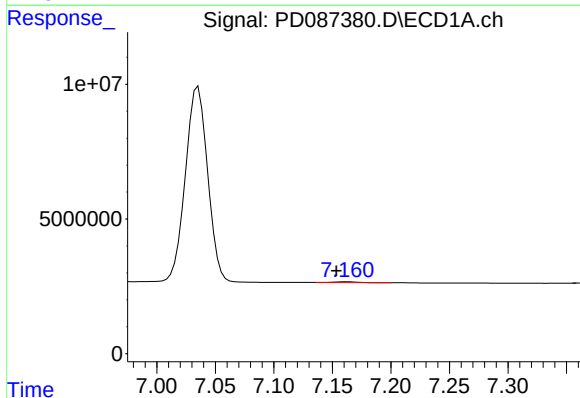
R.T.: 7.035 min  
Delta R.T.: -0.027 min  
Response: 95688670  
Conc: 1107.25 ng/ml

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



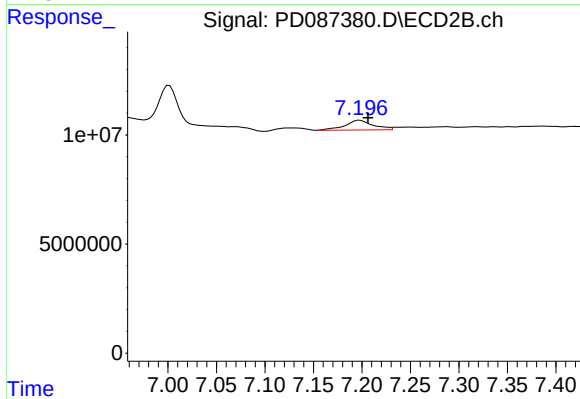
#24 Toxaphene-3

R.T.: 6.766 min  
Delta R.T.: 0.002 min  
Response: 2178958  
Conc: 7.64 ng/ml



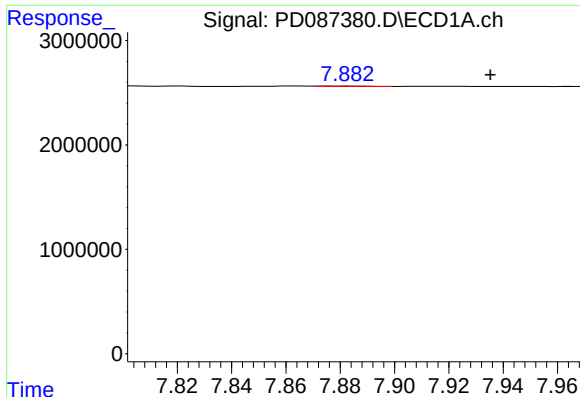
#25 Toxaphene-4

R.T.: 7.162 min  
Delta R.T.: 0.008 min  
Response: 457184  
Conc: 7.08 ng/ml



#25 Toxaphene-4

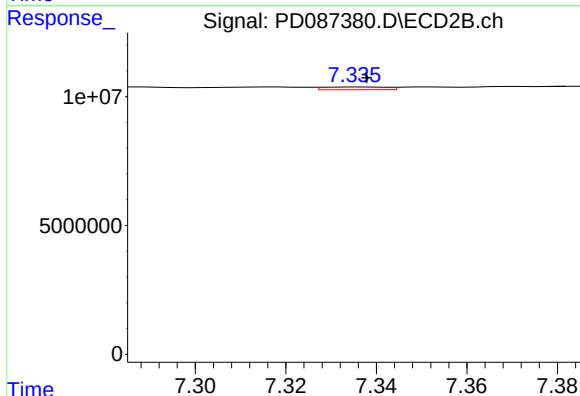
R.T.: 7.198 min  
Delta R.T.: -0.009 min  
Response: 9034562  
Conc: 45.18 ng/ml



#26 Toxaphene-5

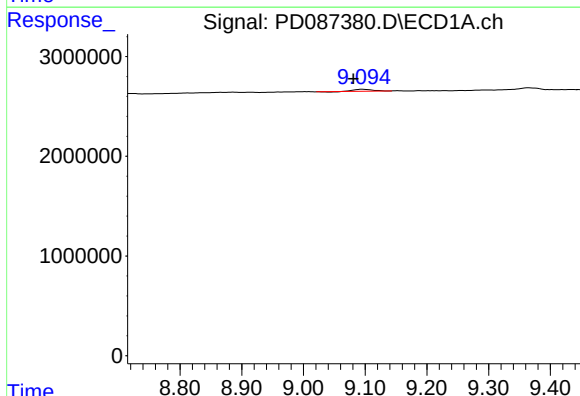
R.T.: 7.882 min  
Delta R.T.: -0.054 min  
Response: 51583  
Conc: 1.10 ng/ml

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



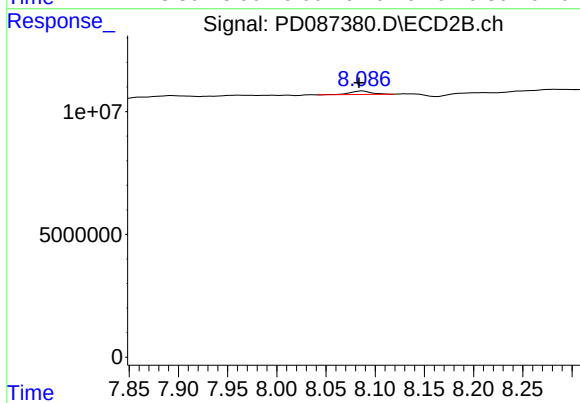
#26 Toxaphene-5

R.T.: 7.336 min  
Delta R.T.: -0.002 min  
Response: 1044114  
Conc: 7.03 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: 0.015 min  
Response: 384631  
Conc: 0.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: 0.004 min  
Response: 2067197  
Conc: 0.16 ng/ml