

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD013024\  
 Data File : PD080962.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jan 2024 09:08  
 Operator : AR\AJ  
 Sample : PEM098  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM110

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 21:08:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 10 14:12:04 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

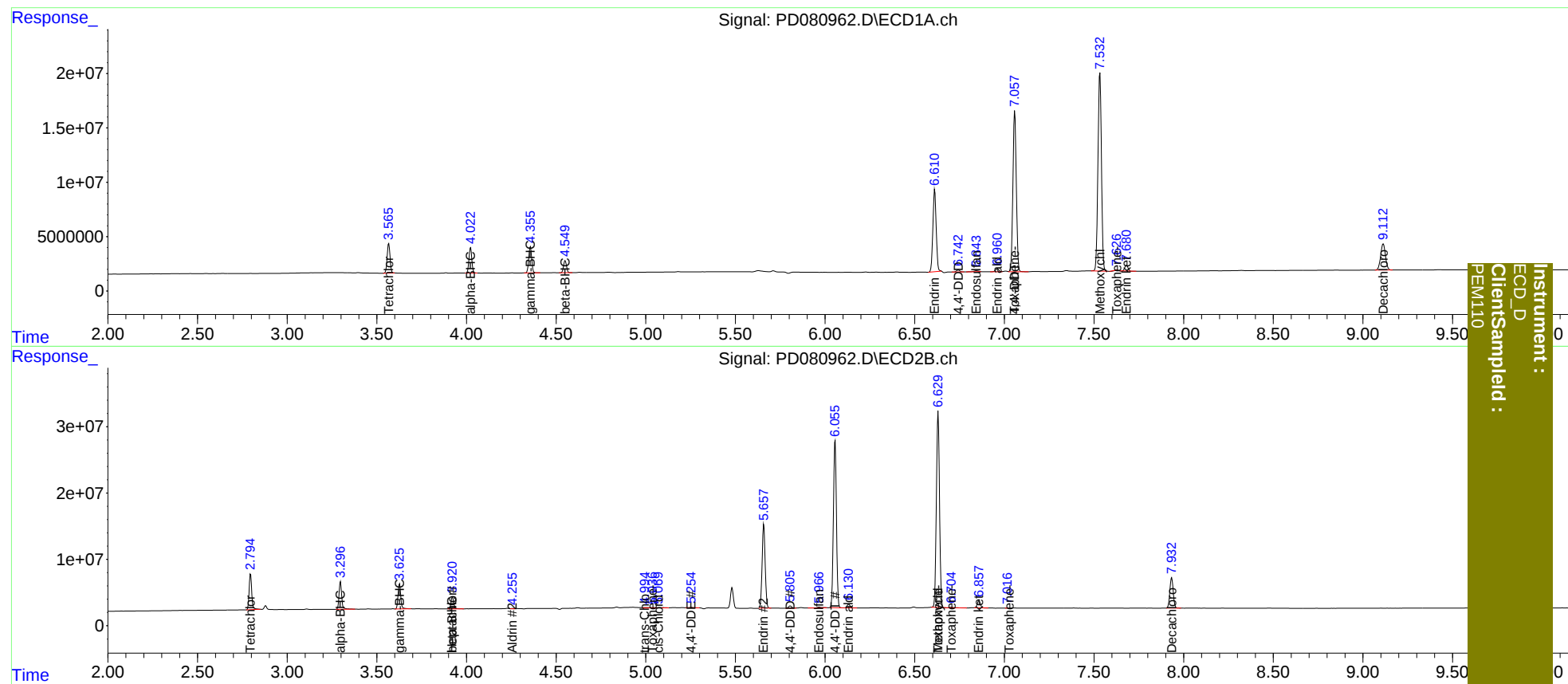
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.567  | 2.796  | 30173218 | 53897396 | 21.204   | 21.108     |
| 27)                         | SA Decachlor... | 9.113  | 7.933  | 44802115 | 60096215 | 22.811   | 22.475     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.023  | 3.297  | 25956705 | 42577258 | 11.022   | 10.407     |
| 3)                          | MA gamma-BHC... | 4.357  | 3.627  | 27617445 | 39974999 | 12.063   | 10.475     |
| 4)                          | MA Heptachlor   | 0.000  | 3.922f | 0        | 19173643 | N.D.     | 5.191      |
| 5)                          | MB Aldrin       | 0.000  | 4.257  | 0        | 656794   | N.D.     | 0.180      |
| 6)                          | B beta-BHC      | 4.551  | 3.922  | 12691928 | 19173643 | 12.308   | 10.868     |
| 8)                          | B Heptachlo...  | 0.000  | 4.793f | 0        | 18539    | N.D.     | <MDL       |
| 9)                          | A Endosulfan I  | 0.000  | 5.151  | 0        | 161173   | N.D.     | <MDL       |
| 10)                         | B trans-Chl...  | 0.000  | 4.995  | 0        | 713614   | N.D.     | 0.214      |
| 11)                         | B cis-Chlor...  | 0.000  | 5.070  | 0        | 1136976  | N.D.     | 0.331      |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.255  | 0        | 809462   | N.D.     | 0.257      |
| 14)                         | MA Endrin       | 6.612  | 5.658  | 96572198 | 148.5E6  | 53.035   | 50.029     |
| 15)                         | B Endosulfa...  | 6.845  | 5.967  | 1620126  | 1647977  | 0.828    | 0.555 #    |
| 16)                         | A 4,4'-DDD      | 6.743  | 5.806  | 2243557  | 4213706  | 1.344    | 1.556      |
| 17)                         | MA 4,4'-DDT     | 7.058  | 6.056  | 194.0E6  | 296.1E6  | 114.403  | 109.970    |
| 18)                         | B Endrin al...  | 6.961  | 6.132  | 3731076  | 6724476  | 2.591    | 3.003      |
| 19)                         | B Endosulfa...  | 0.000  | 6.341  | 0        | 246458   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.533  | 6.631  | 245.9E6  | 358.2E6  | 266.243  | 253.014    |
| 21)                         | B Endrin ke...  | 7.682  | 6.859  | 6425196  | 12720887 | 3.271    | 4.043      |
| 22)                         | Toxaphene-1     | 0.000  | 5.038  | 0        | 1308895  | N.D.     | 77.646     |
| 24)                         | Toxaphene-3     | 7.058f | 6.631  | 194.0E6  | 358.2E6  | 3850.042 | 6283.127 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.706f | 0        | 1373748  | N.D.     | 17.201     |
| 26)                         | Toxaphene-5     | 7.627  | 7.019f | 118319   | 13698    | 4.202    | 0.421 #    |
| -----                       |                 |        |        |          |          |          |            |

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

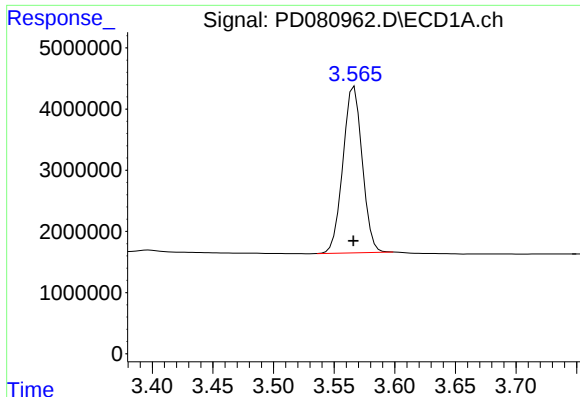
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD013024\  
Data File : PD080962.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jan 2024 09:08  
Operator : AR\AJ  
Sample : PEM098  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 21:08:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011024CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 10 14:12:04 2024  
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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



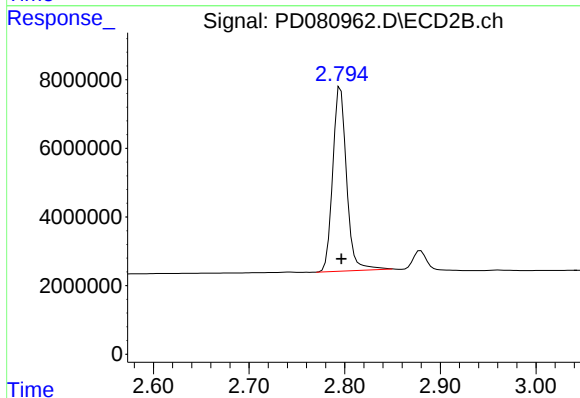
Instrument :  
ECD\_D  
ClientSampled :  
PEM110



#1 Tetrachloro-m-xylene

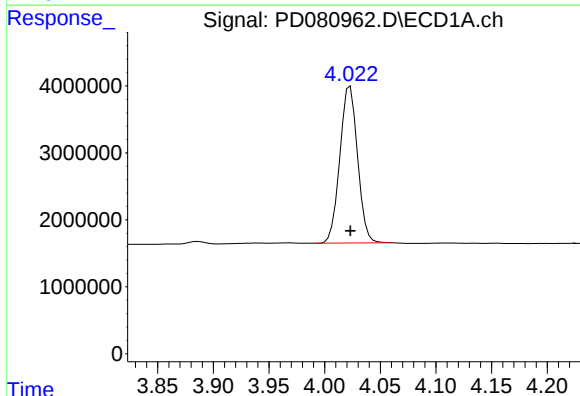
R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: 30173218  
Conc: 21.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



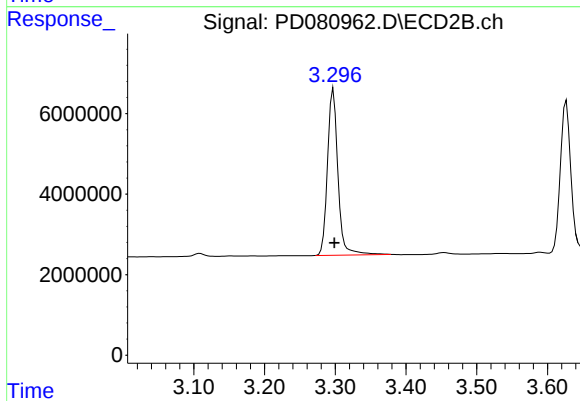
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 53897396  
Conc: 21.11 ng/ml



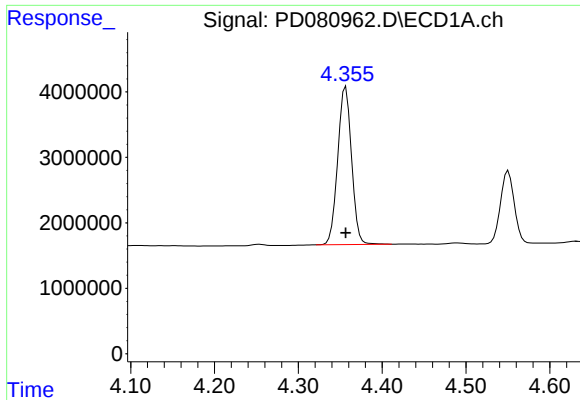
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 25956705  
Conc: 11.02 ng/ml



#2 alpha-BHC

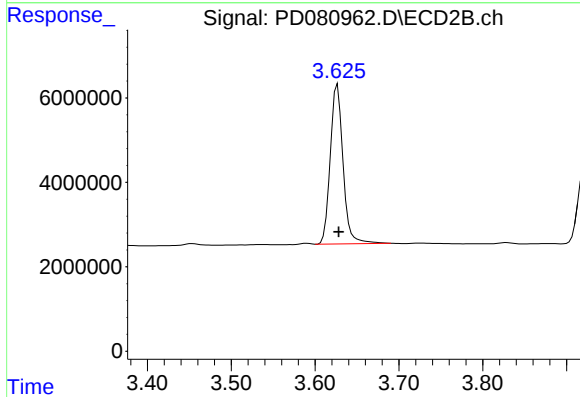
R.T.: 3.297 min  
Delta R.T.: -0.001 min  
Response: 42577258  
Conc: 10.41 ng/ml



#3 gamma-BHC (Lindane)

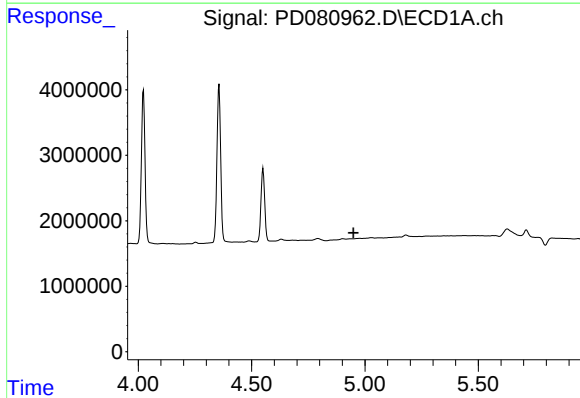
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 27617445  
Conc: 12.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



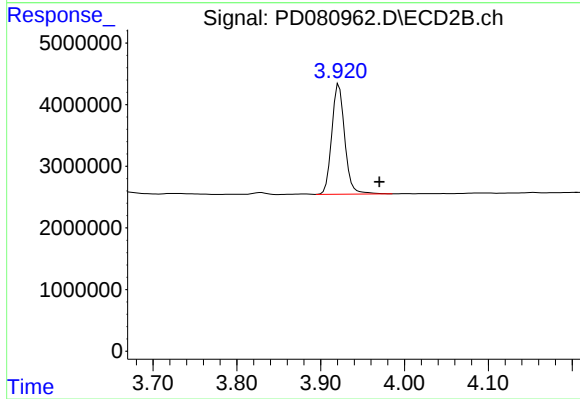
#3 gamma-BHC (Lindane)

R.T.: 3.627 min  
Delta R.T.: -0.002 min  
Response: 39974999  
Conc: 10.48 ng/ml



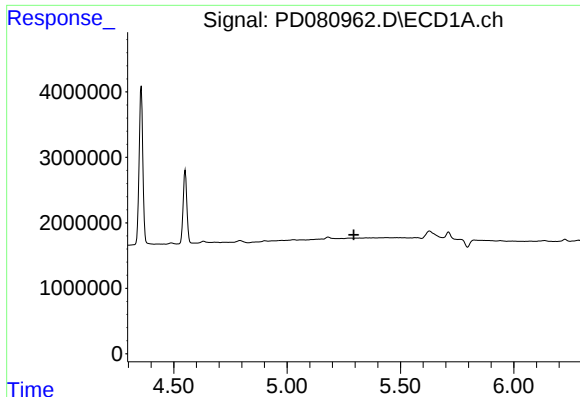
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.950 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

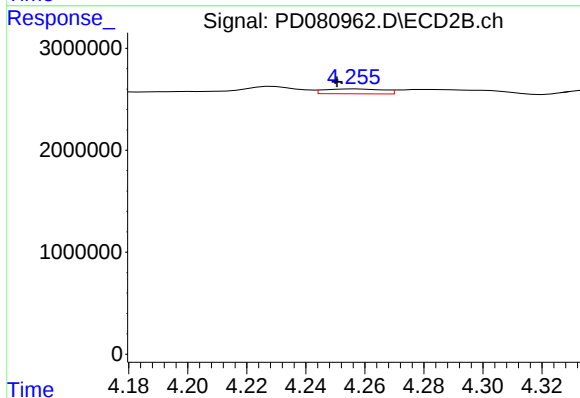
R.T.: 3.922 min  
Delta R.T.: -0.048 min  
Response: 19173643  
Conc: 5.19 ng/ml



#5 Aldrin

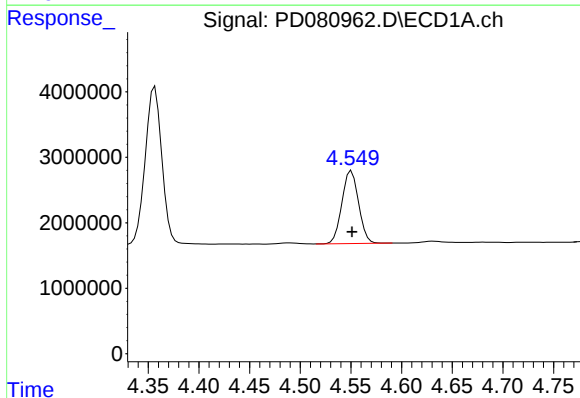
R.T.: 0.000 min  
Exp R.T.: 5.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



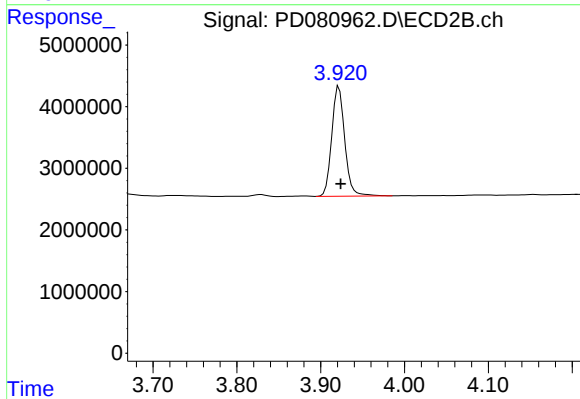
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.006 min  
Response: 656794  
Conc: 0.18 ng/ml



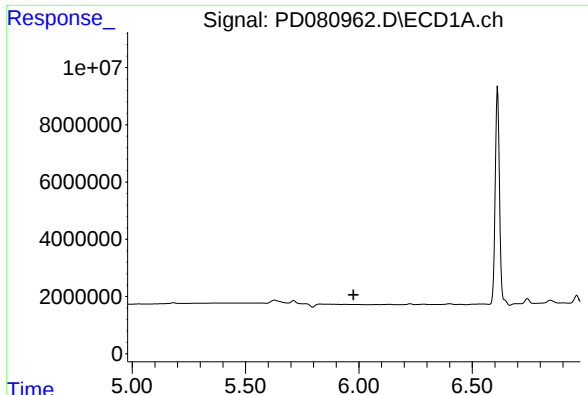
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 12691928  
Conc: 12.31 ng/ml



#6 beta-BHC

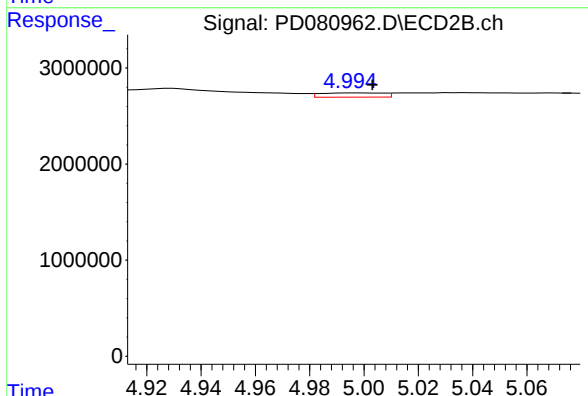
R.T.: 3.922 min  
Delta R.T.: -0.002 min  
Response: 19173643  
Conc: 10.87 ng/ml



#10 trans-Chlordane

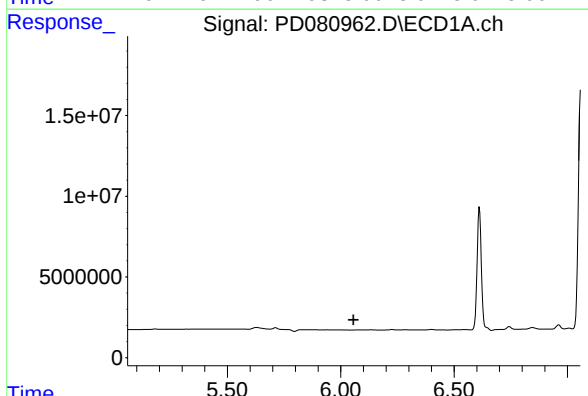
R.T.: 0.000 min  
Exp R.T.: 5.977 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



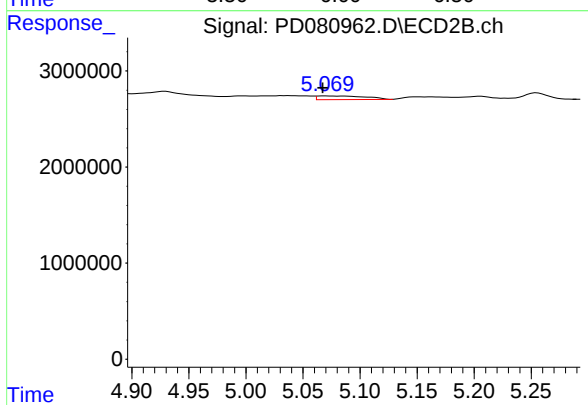
#10 trans-Chlordane

R.T.: 4.995 min  
Delta R.T.: -0.008 min  
Response: 713614  
Conc: 0.21 ng/ml



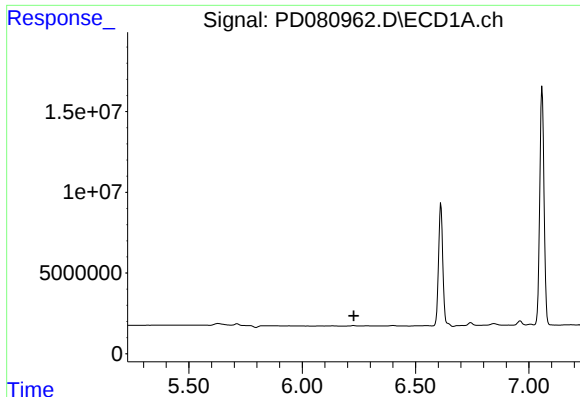
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.057 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

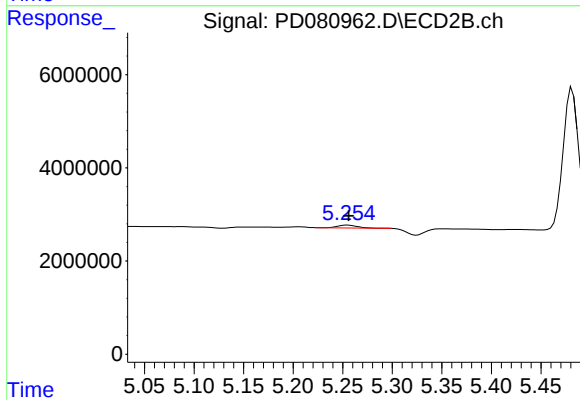
R.T.: 5.070 min  
Delta R.T.: 0.003 min  
Response: 1136976  
Conc: 0.33 ng/ml



#12 4,4'-DDE

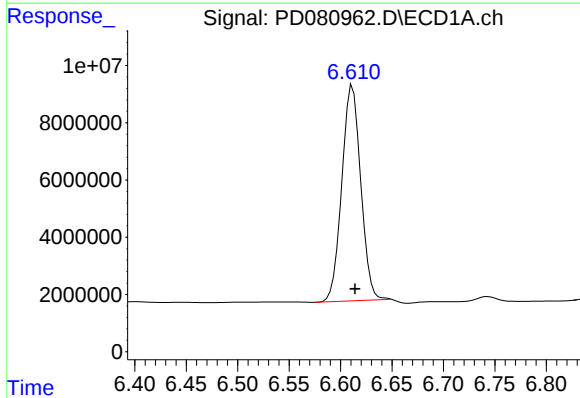
R.T.: 0.000 min  
Exp R.T.: 6.228 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



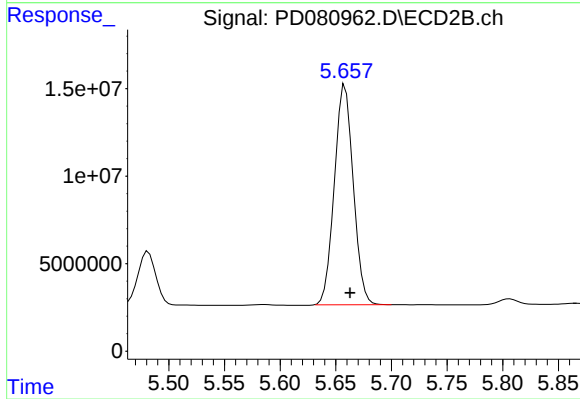
#12 4,4'-DDE

R.T.: 5.255 min  
Delta R.T.: 0.000 min  
Response: 809462  
Conc: 0.26 ng/ml



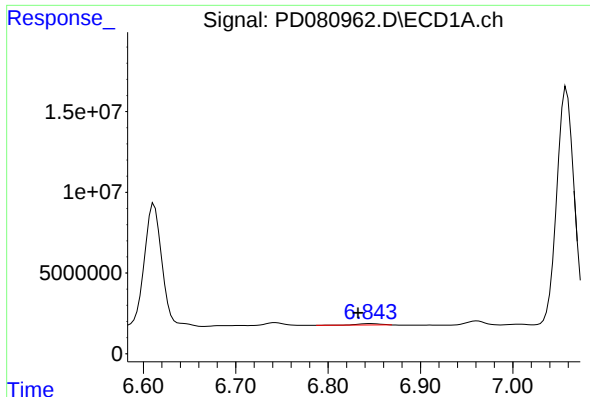
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: -0.003 min  
Response: 96572198  
Conc: 53.04 ng/ml



#14 Endrin

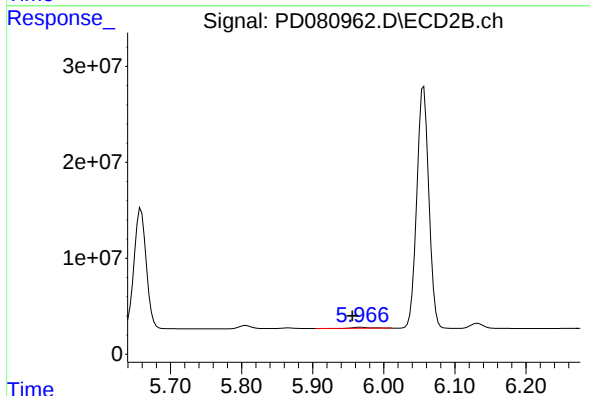
R.T.: 5.658 min  
Delta R.T.: -0.004 min  
Response: 148499807  
Conc: 50.03 ng/ml



#15 Endosulfan II

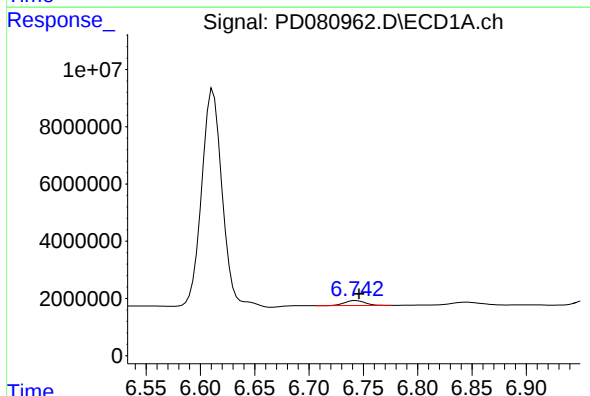
R.T.: 6.845 min  
Delta R.T.: 0.013 min  
Response: 1620126  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



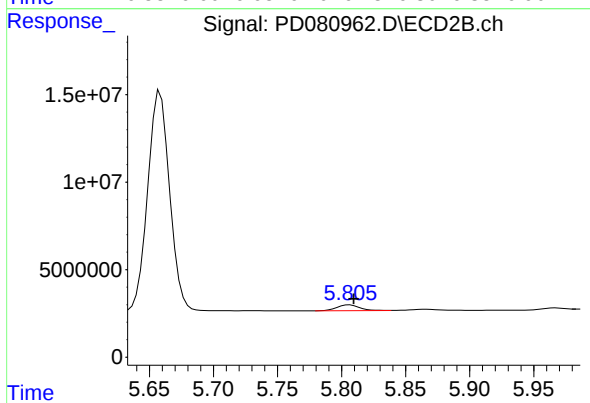
#15 Endosulfan II

R.T.: 5.967 min  
Delta R.T.: 0.011 min  
Response: 1647977  
Conc: 0.56 ng/ml



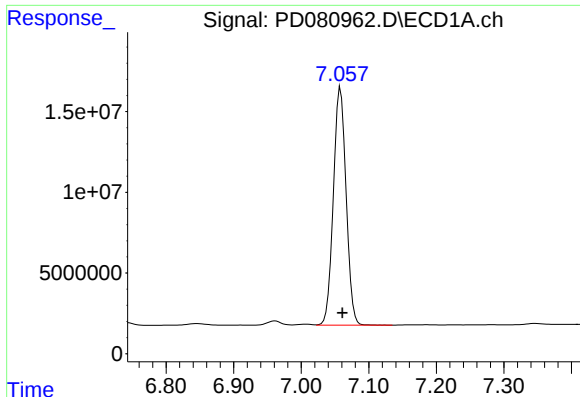
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: -0.003 min  
Response: 2243557  
Conc: 1.34 ng/ml



#16 4,4'-DDD

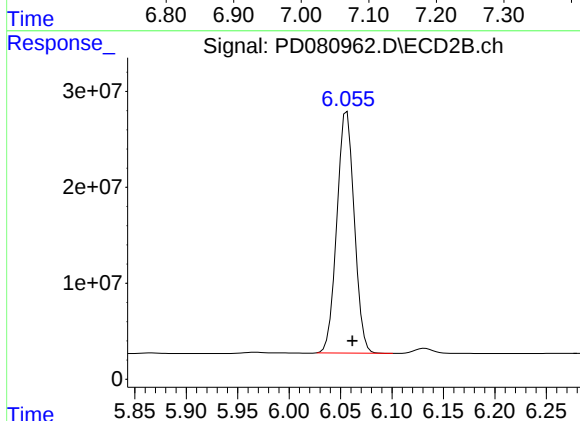
R.T.: 5.806 min  
Delta R.T.: -0.003 min  
Response: 4213706  
Conc: 1.56 ng/ml



#17 4,4'-DDT

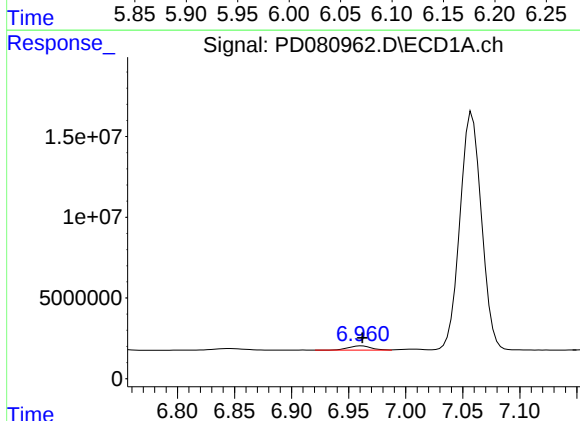
R.T.: 7.058 min  
Delta R.T.: -0.003 min  
Response: 194016644  
Conc: 114.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



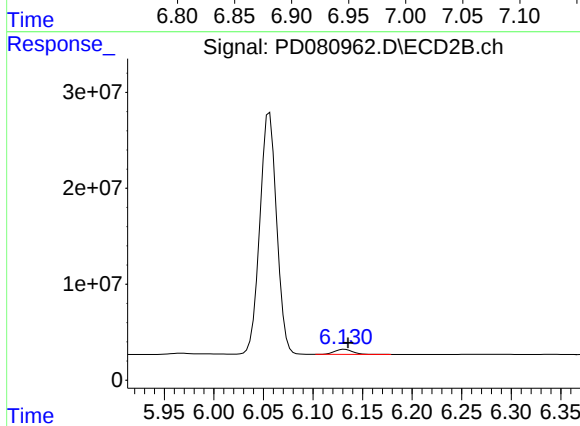
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: -0.005 min  
Response: 296051554  
Conc: 109.97 ng/ml



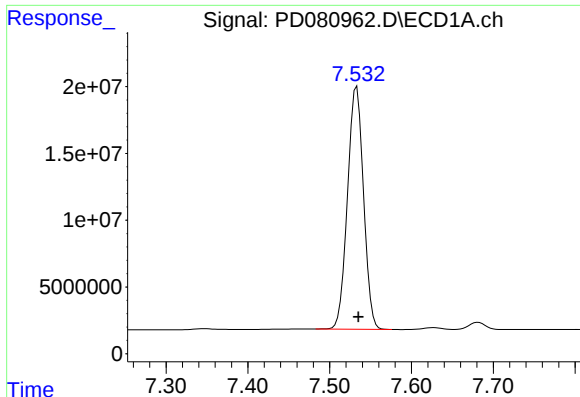
#18 Endrin aldehyde

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 3731076  
Conc: 2.59 ng/ml



#18 Endrin aldehyde

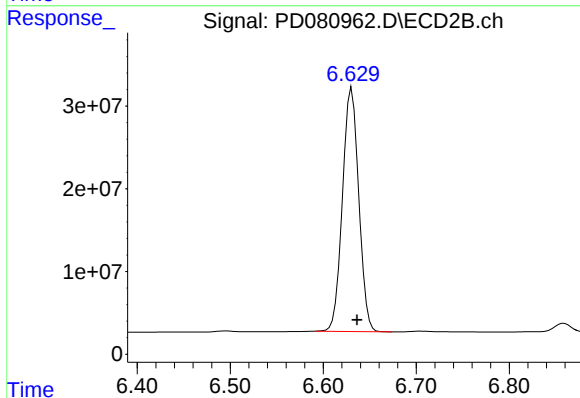
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 6724476  
Conc: 3.00 ng/ml



#20 Methoxychlor

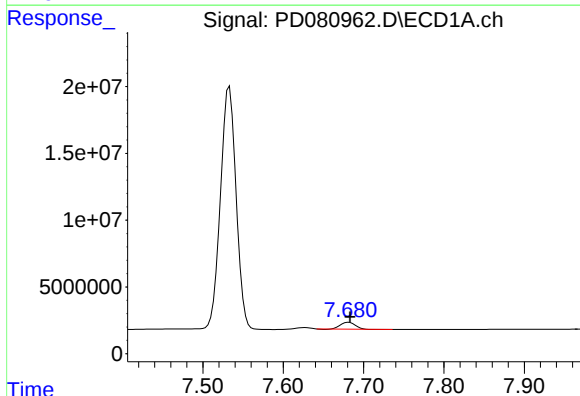
R.T.: 7.533 min  
Delta R.T.: -0.002 min  
Response: 245904624  
Conc: 266.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



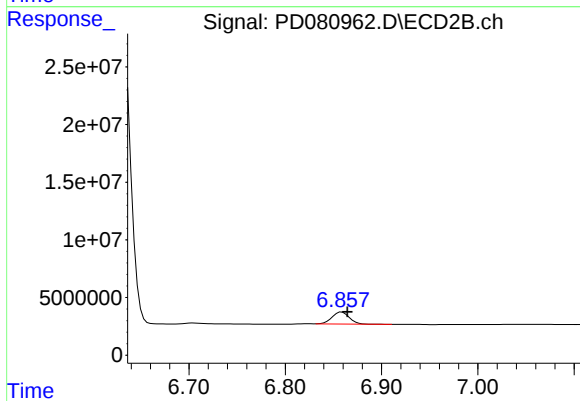
#20 Methoxychlor

R.T.: 6.631 min  
Delta R.T.: -0.005 min  
Response: 358175299  
Conc: 253.01 ng/ml



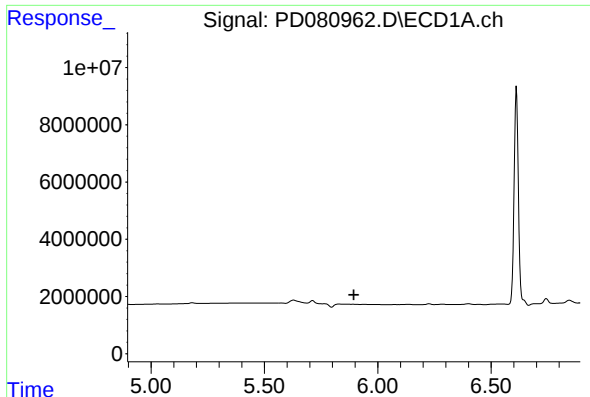
#21 Endrin ketone

R.T.: 7.682 min  
Delta R.T.: -0.002 min  
Response: 6425196  
Conc: 3.27 ng/ml



#21 Endrin ketone

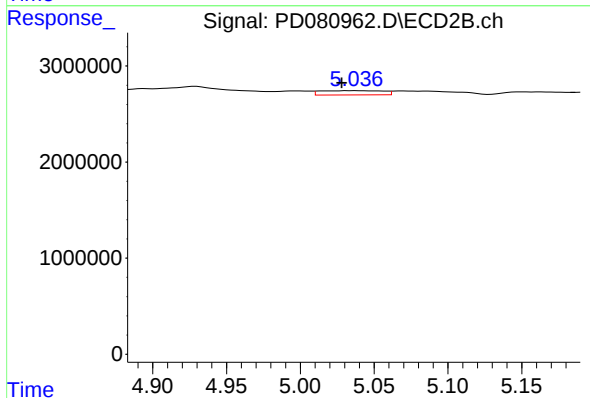
R.T.: 6.859 min  
Delta R.T.: -0.006 min  
Response: 12720887  
Conc: 4.04 ng/ml



#22 Toxaphene-1

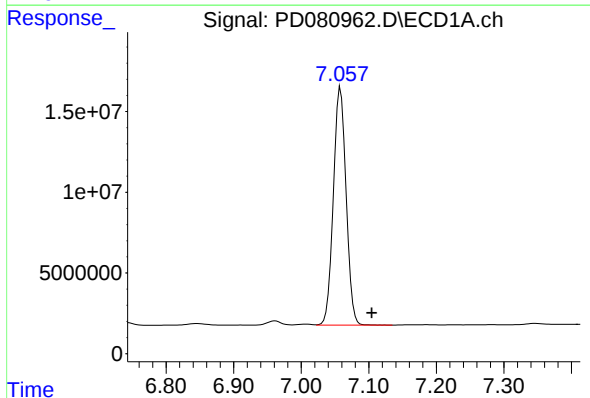
R.T.: 0.000 min  
Exp R.T.: 5.895 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



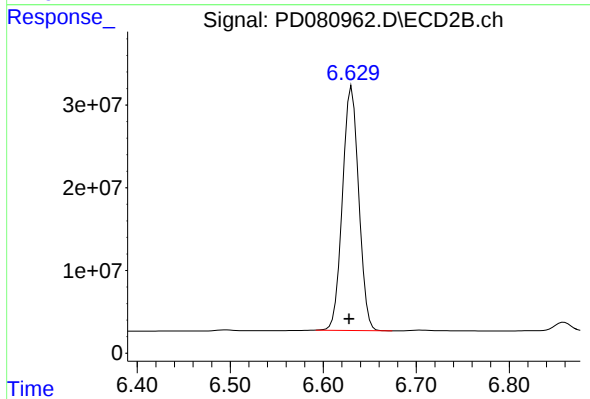
#22 Toxaphene-1

R.T.: 5.038 min  
Delta R.T.: 0.010 min  
Response: 1308895  
Conc: 77.65 ng/ml



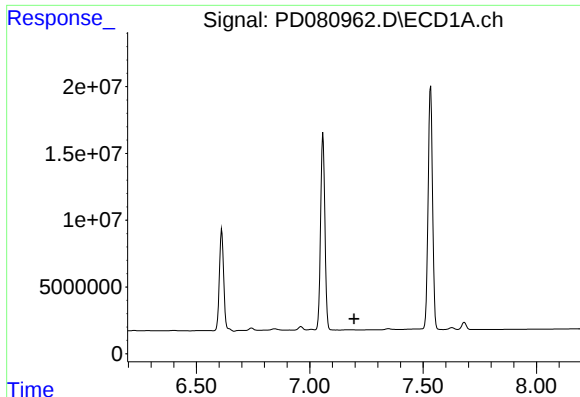
#24 Toxaphene-3

R.T.: 7.058 min  
Delta R.T.: -0.046 min  
Response: 194016644  
Conc: 3850.04 ng/ml



#24 Toxaphene-3

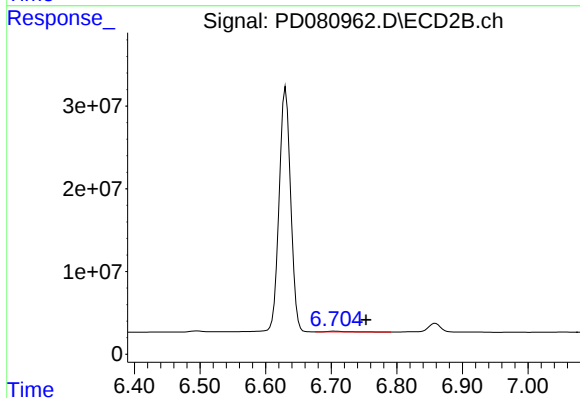
R.T.: 6.631 min  
Delta R.T.: 0.003 min  
Response: 358175299  
Conc: 6283.13 ng/ml



#25 Toxaphene-4

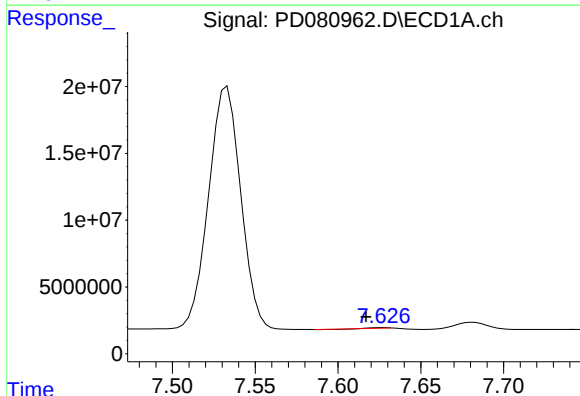
R.T.: 0.000 min  
Exp R.T.: 7.195 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



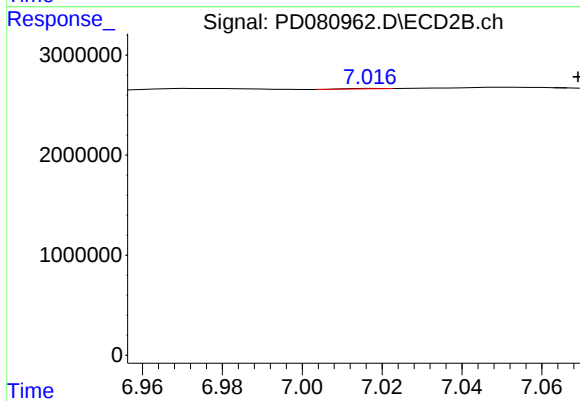
#25 Toxaphene-4

R.T.: 6.706 min  
Delta R.T.: -0.048 min  
Response: 1373748  
Conc: 17.20 ng/ml



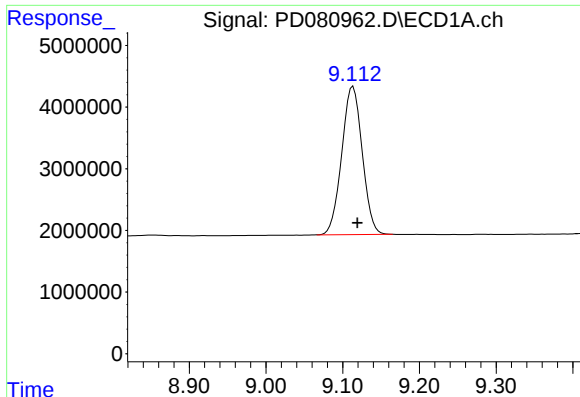
#26 Toxaphene-5

R.T.: 7.627 min  
Delta R.T.: 0.010 min  
Response: 118319  
Conc: 4.20 ng/ml



#26 Toxaphene-5

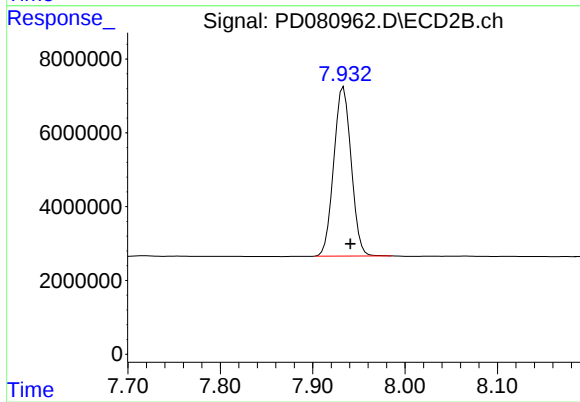
R.T.: 7.019 min  
Delta R.T.: -0.050 min  
Response: 13698  
Conc: 0.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.006 min  
Response: 44802115  
Conc: 22.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM110



#27 Decachlorobiphenyl

R.T.: 7.933 min  
Delta R.T.: -0.007 min  
Response: 60096215  
Conc: 22.47 ng/ml