

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012424\  
 Data File : PD080832.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jan 2024 15:32  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 25 00:55:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 24 20:16:38 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 |                 |        |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.566  | 2.797  | 28686006 | 48165774 | 20.208  | 20.135  |
| 28)                         | SA Decachlor... | 9.110  | 7.933  | 42418604 | 55326943 | 21.078  | 20.771  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.023  | 3.298  | 23015653 | 37553292 | 9.266   | 9.787   |
| 3)                          | MA gamma-BHC... | 4.356  | 3.628  | 22583333 | 34742283 | 9.227   | 9.292   |
| 4)                          | MA Heptachlor   | 4.929f | 0.000  | 107218   | 0        | 0.043   | N.D. #  |
| 5)                          | MB Aldrin       | 0.000  | 4.256  | 0        | 272122   | N.D.    | 0.075 # |
| 6)                          | B beta-BHC      | 4.551  | 3.923  | 10606413 | 17057130 | 10.482  | 10.916  |
| 7)                          | B delta-BHC     | 4.791  | 0.000  | 479128   | 0        | 0.191   | N.D. #  |
| 8)                          | B Heptachlo...  | 5.710  | 0.000  | 616727   | 0        | 0.275   | N.D. #  |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.256  | 239362   | 697437   | 0.118   | 0.228 # |
| 13)                         | MA Dieldrin     | 6.399f | 0.000  | 71329    | 0        | 0.032   | N.D. #  |
| 14)                         | MA Endrin       | 6.610  | 5.660  | 83824140 | 138.5E6  | 44.880  | 46.721  |
| 15)                         | B Endosulfa...  | 6.838  | 5.971f | 1083011  | 414920   | 0.559   | 0.144 # |
| 16)                         | A 4,4'-DDD      | 6.743  | 5.808  | 362584   | 632279   | 0.221   | 0.241   |
| 17)                         | MA 4,4'-DDT     | 7.057  | 6.058  | 173.9E6  | 273.8E6  | 97.636  | 103.209 |
| 18)                         | B Endrin al...  | 6.959  | 6.133  | 2011467  | 4482425  | 1.322   | 1.988 # |
| 20)                         | A Methoxychlor  | 7.531  | 6.632  | 228.3E6  | 353.7E6  | 221.848 | 225.982 |
| 21)                         | B Endrin ke...  | 7.679  | 6.860  | 4355281  | 7282654  | 2.083   | 2.257   |
| 22)                         | Mirex           | 8.172f | 0.000  | 56418    | 0        | 0.034   | N.D. #  |
| 24)                         | Chlordane-2     | 0.000  | 4.347f | 0        | 247891   | N.D.    | 2.022 # |
| 27)                         | Chlordane-5     | 0.000  | 5.971  | 0        | 414920   | N.D.    | 3.422 # |
| -----                       |                 |        |        |          |          |         |         |

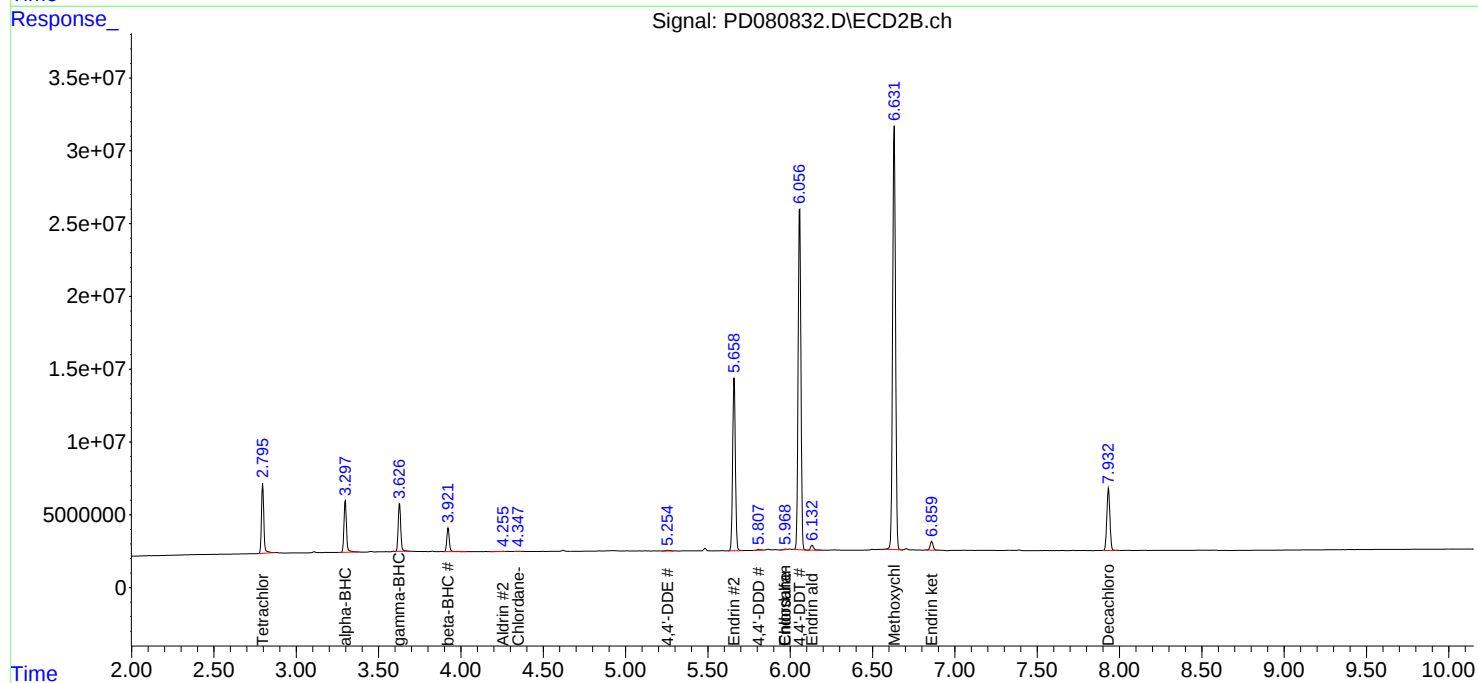
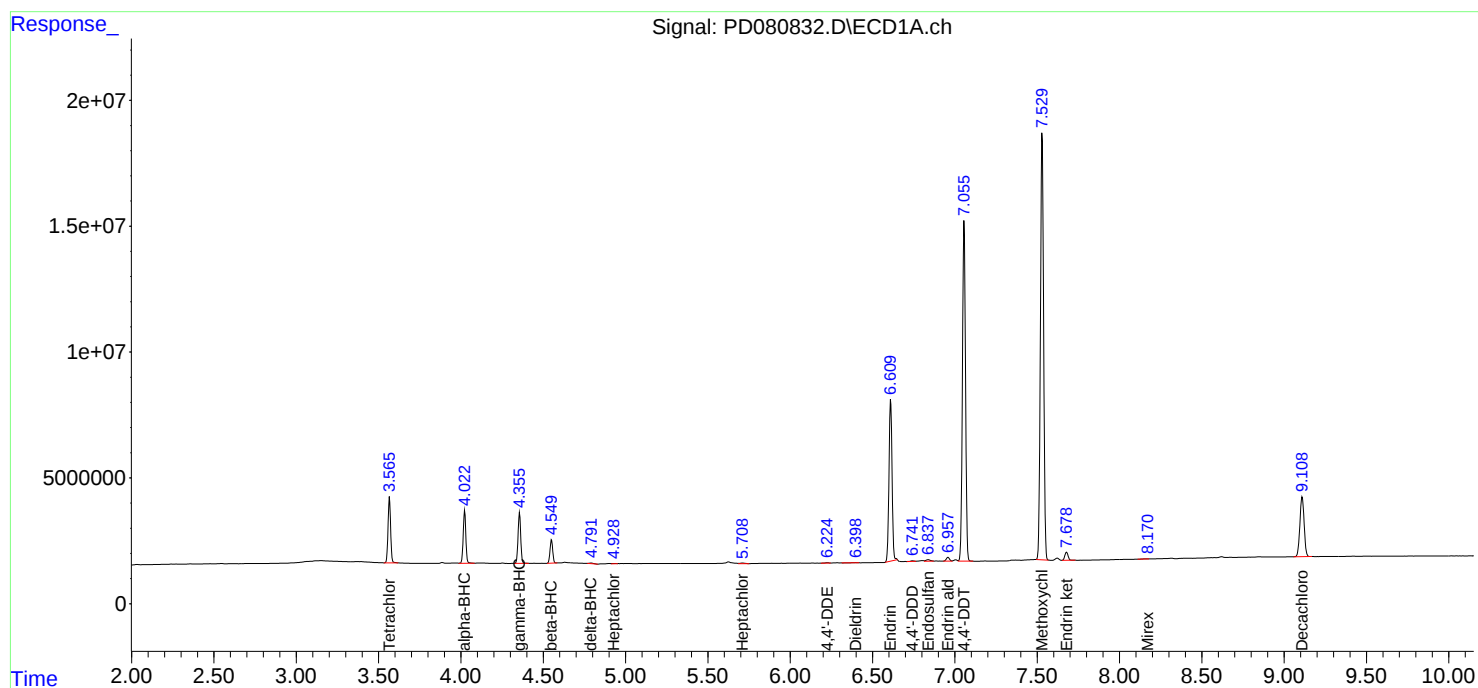
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

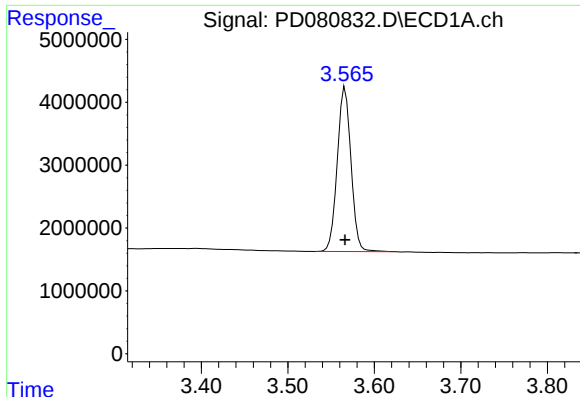
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012424\  
Data File : PD080832.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jan 2024 15:32  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 25 00:55:45 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 24 20:16:38 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

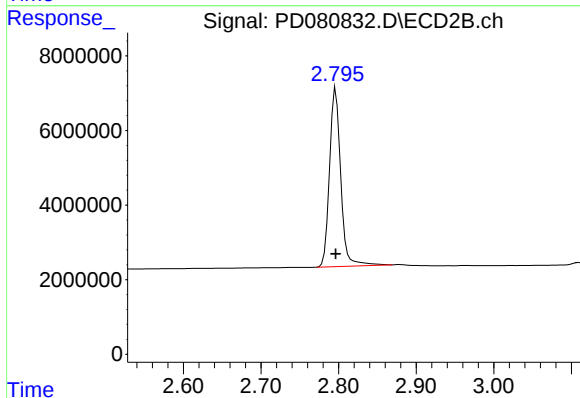




#1 Tetrachloro-m-xylene

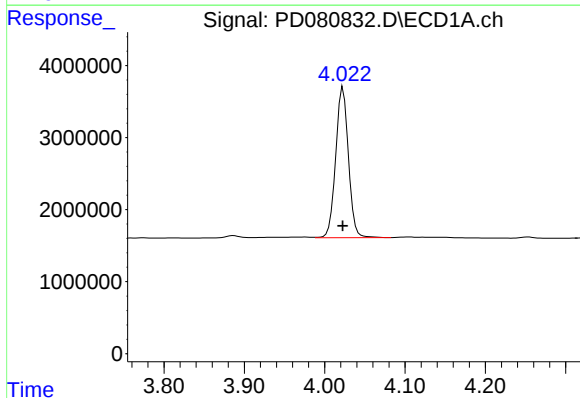
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 28686006  
Conc: 20.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



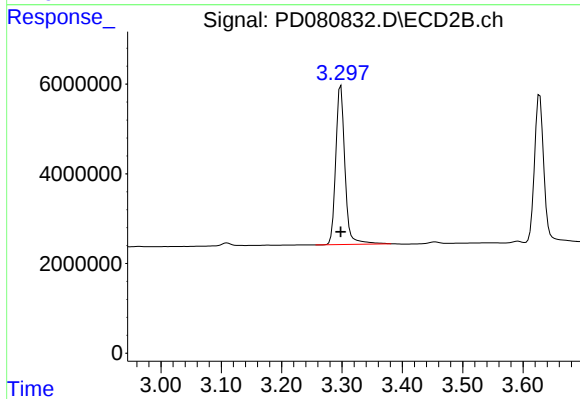
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 48165774  
Conc: 20.13 ng/ml



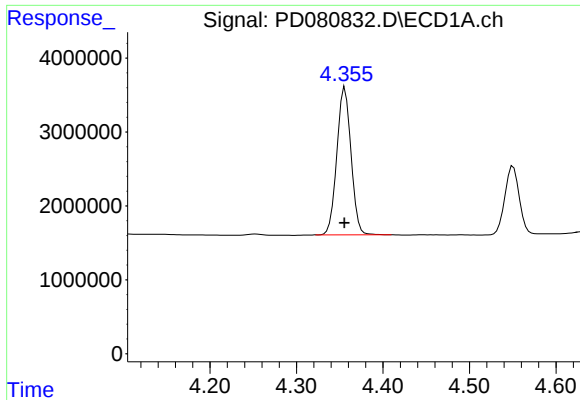
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 23015653  
Conc: 9.27 ng/ml



#2 alpha-BHC

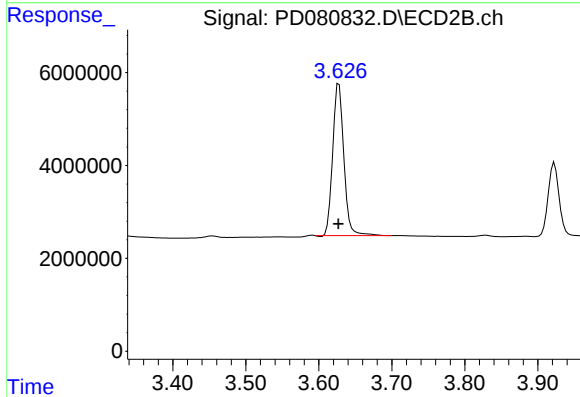
R.T.: 3.298 min  
Delta R.T.: 0.000 min  
Response: 37553292  
Conc: 9.79 ng/ml



#3 gamma-BHC (Lindane)

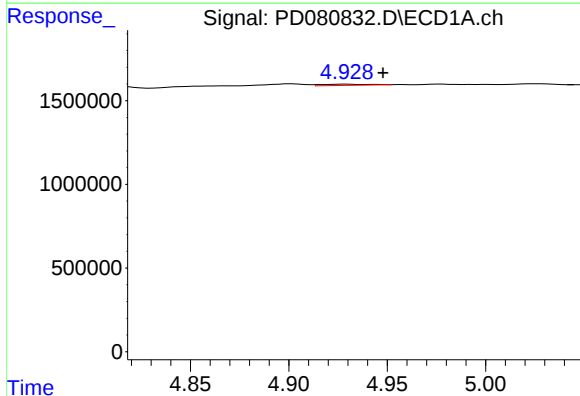
R.T.: 4.356 min  
Delta R.T.: 0.000 min  
Response: 22583333  
Conc: 9.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



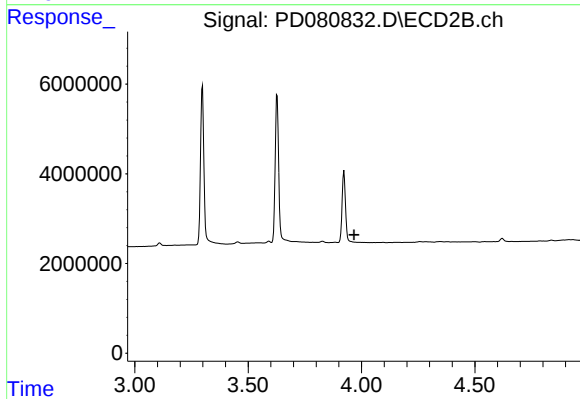
#3 gamma-BHC (Lindane)

R.T.: 3.628 min  
Delta R.T.: 0.000 min  
Response: 34742283  
Conc: 9.29 ng/ml



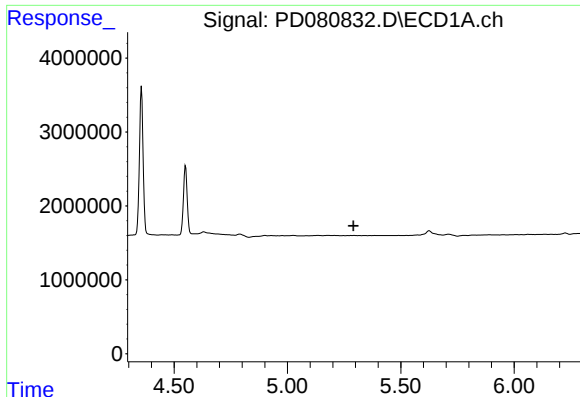
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.019 min  
Response: 107218  
Conc: 0.04 ng/ml



#4 Heptachlor

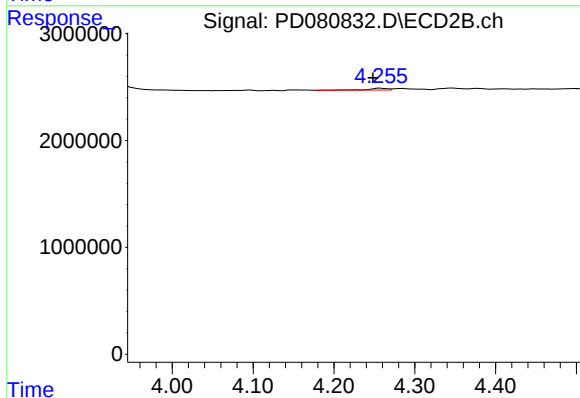
R.T.: 0.000 min  
Exp R.T. : 3.968 min  
Response: 0  
Conc: N.D.



#5 Aldrin

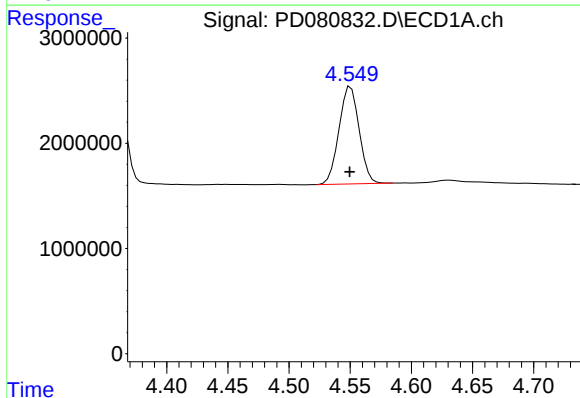
R.T.: 0.000 min  
Exp R.T.: 5.292 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



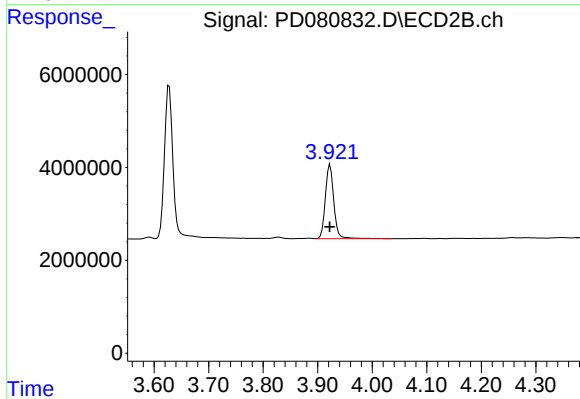
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.008 min  
Response: 272122  
Conc: 0.07 ng/ml



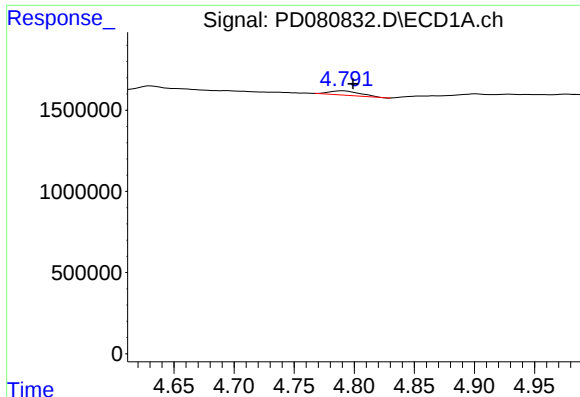
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 10606413  
Conc: 10.48 ng/ml



#6 beta-BHC

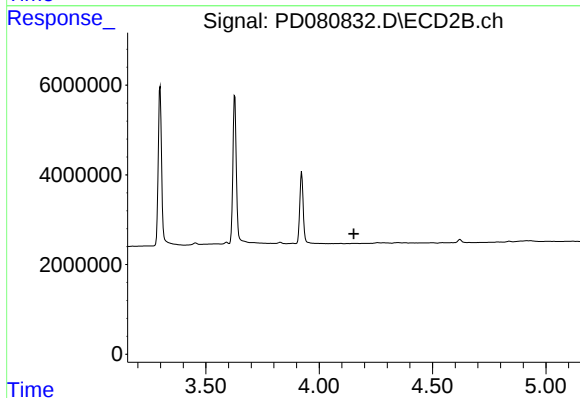
R.T.: 3.923 min  
Delta R.T.: 0.000 min  
Response: 17057130  
Conc: 10.92 ng/ml



#7 delta-BHC

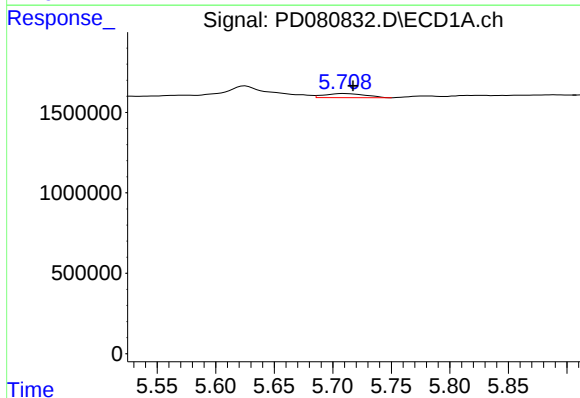
R.T.: 4.791 min  
Delta R.T.: -0.008 min  
Response: 479128  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



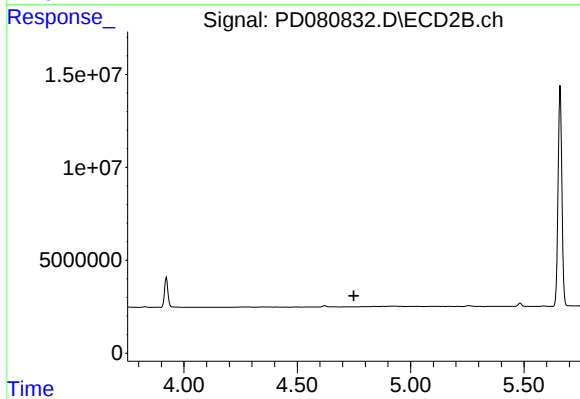
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



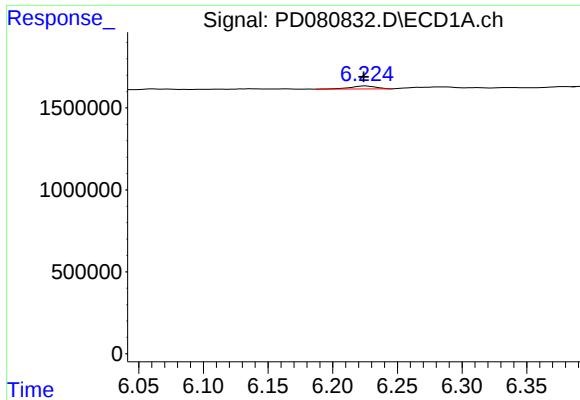
#8 Heptachlor epoxide

R.T.: 5.710 min  
Delta R.T.: -0.008 min  
Response: 616727  
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

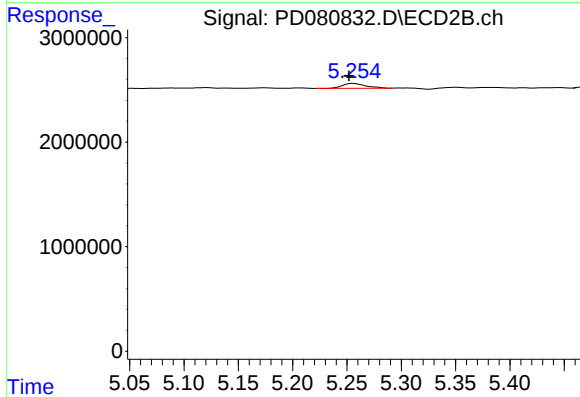
R.T.: 0.000 min  
Exp R.T. : 4.750 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

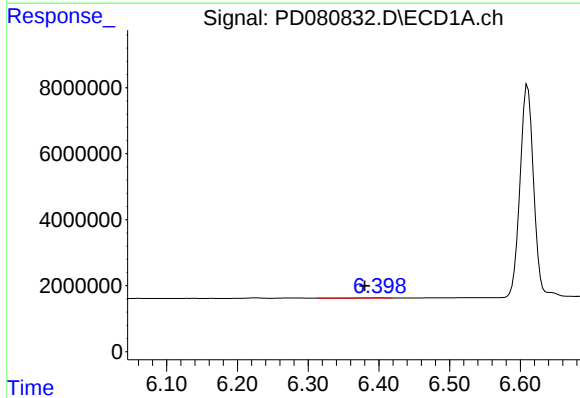
R.T.: 6.226 min  
Delta R.T.: 0.002 min  
Response: 239362  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



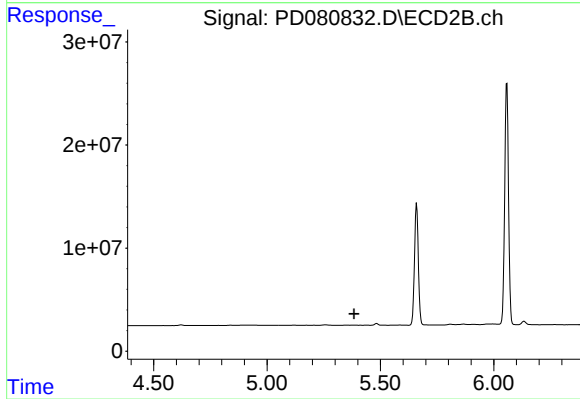
#12 4,4'-DDE

R.T.: 5.256 min  
Delta R.T.: 0.004 min  
Response: 697437  
Conc: 0.23 ng/ml



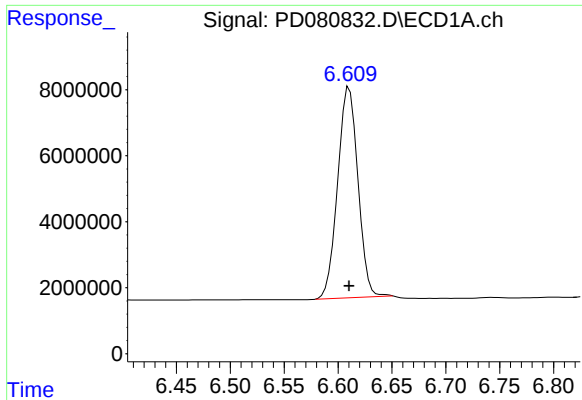
#13 Dieldrin

R.T.: 6.399 min  
Delta R.T.: 0.019 min  
Response: 71329  
Conc: 0.03 ng/ml



#13 Dieldrin

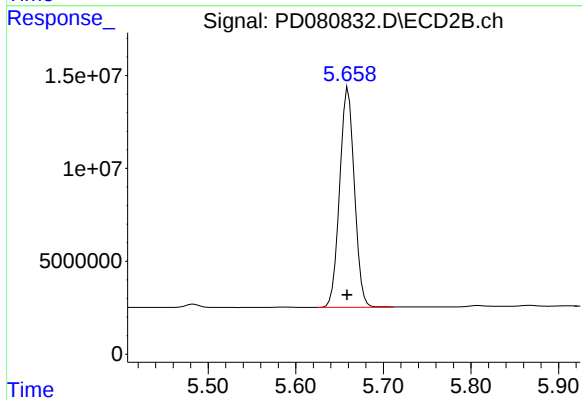
R.T.: 0.000 min  
Exp R.T. : 5.384 min  
Response: 0  
Conc: N.D.



#14 Endrin

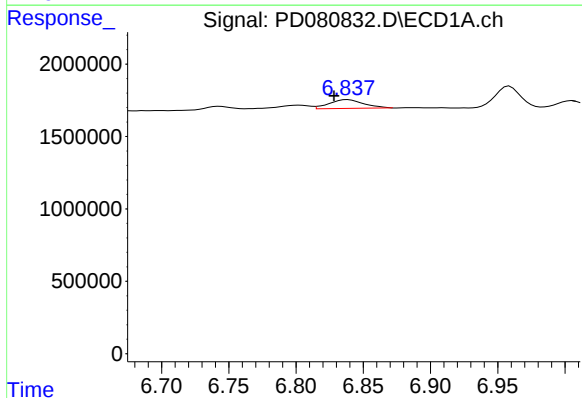
R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 83824140  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



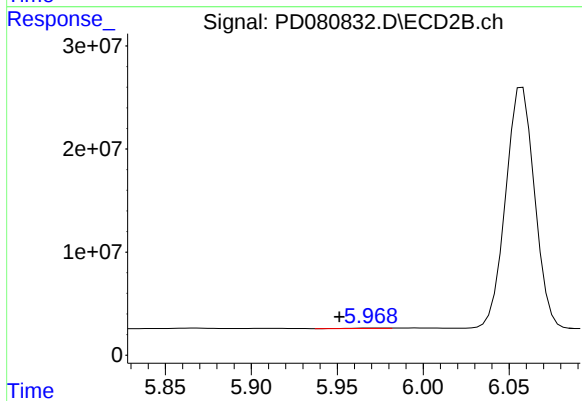
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.001 min  
Response: 138453806  
Conc: 46.72 ng/ml



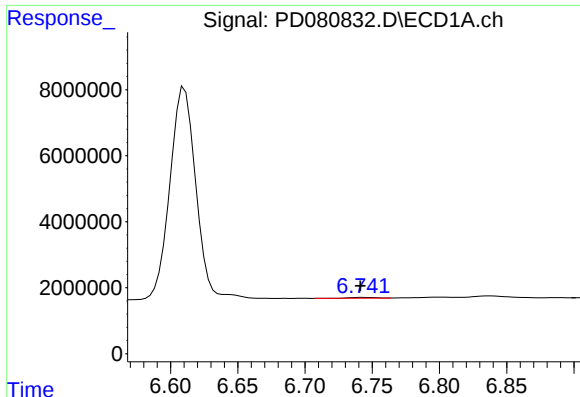
#15 Endosulfan II

R.T.: 6.838 min  
Delta R.T.: 0.010 min  
Response: 1083011  
Conc: 0.56 ng/ml



#15 Endosulfan II

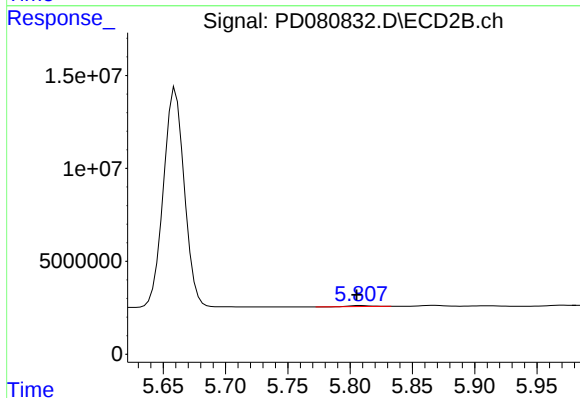
R.T.: 5.971 min  
Delta R.T.: 0.019 min  
Response: 414920  
Conc: 0.14 ng/ml



#16 4,4'-DDD

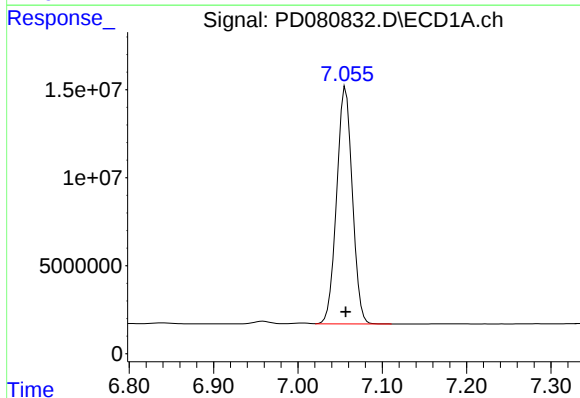
R.T.: 6.743 min  
Delta R.T.: 0.002 min  
Response: 362584  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



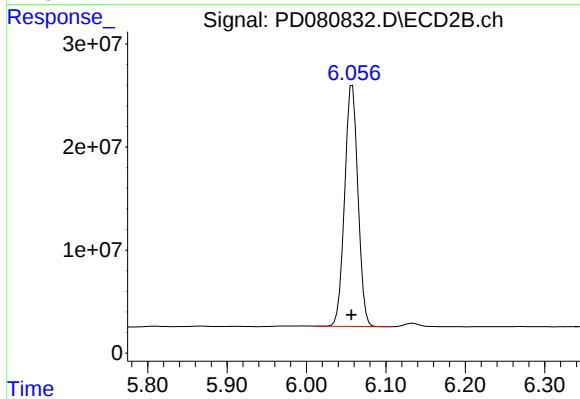
#16 4,4'-DDD

R.T.: 5.808 min  
Delta R.T.: 0.003 min  
Response: 632279  
Conc: 0.24 ng/ml



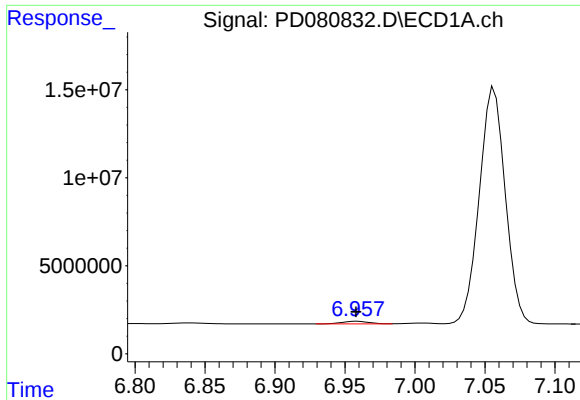
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 173878478  
Conc: 97.64 ng/ml



#17 4,4'-DDT

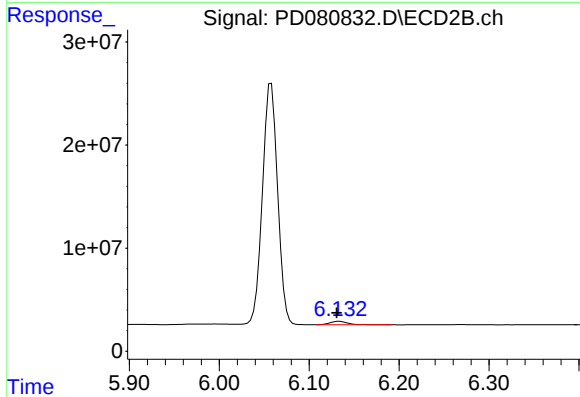
R.T.: 6.058 min  
Delta R.T.: 0.001 min  
Response: 273820993  
Conc: 103.21 ng/ml



#18 Endrin aldehyde

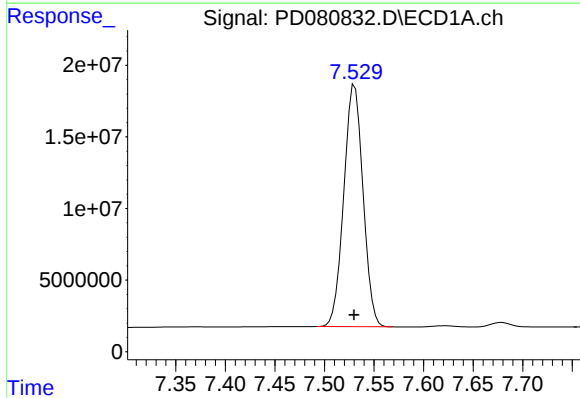
R.T.: 6.959 min  
Delta R.T.: 0.000 min  
Response: 2011467  
Conc: 1.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



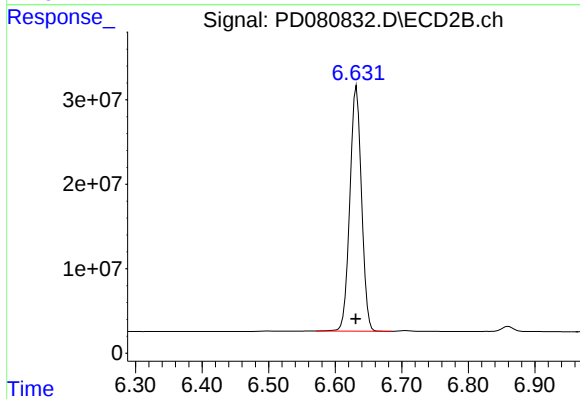
#18 Endrin aldehyde

R.T.: 6.133 min  
Delta R.T.: 0.003 min  
Response: 4482425  
Conc: 1.99 ng/ml



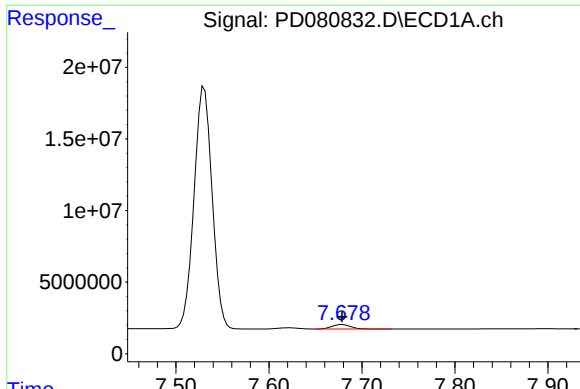
#20 Methoxychlor

R.T.: 7.531 min  
Delta R.T.: 0.000 min  
Response: 228343687  
Conc: 221.85 ng/ml



#20 Methoxychlor

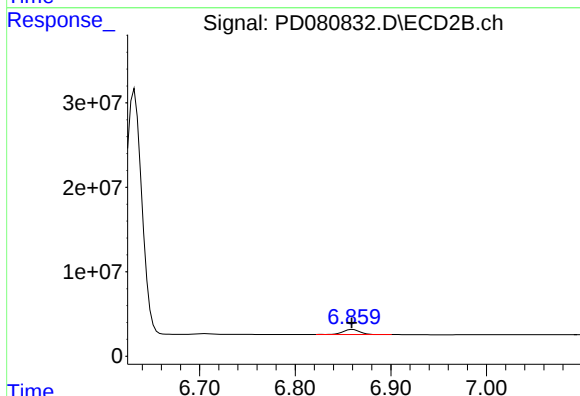
R.T.: 6.632 min  
Delta R.T.: 0.001 min  
Response: 353720219  
Conc: 225.98 ng/ml



#21 Endrin ketone

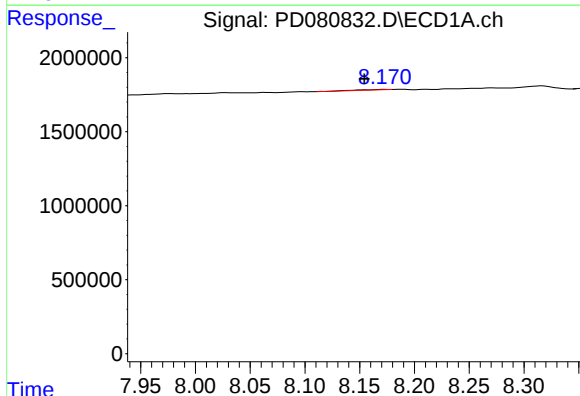
R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 4355281  
Conc: 2.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



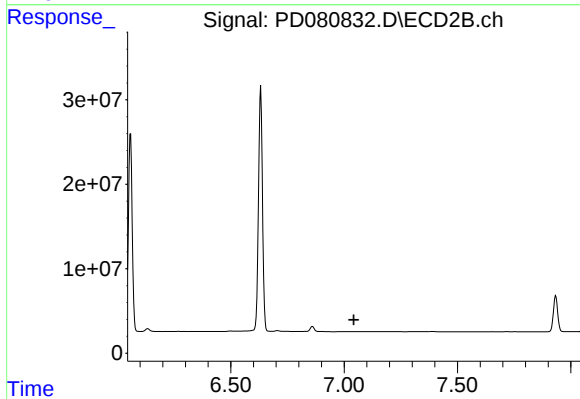
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.001 min  
Response: 7282654  
Conc: 2.26 ng/ml



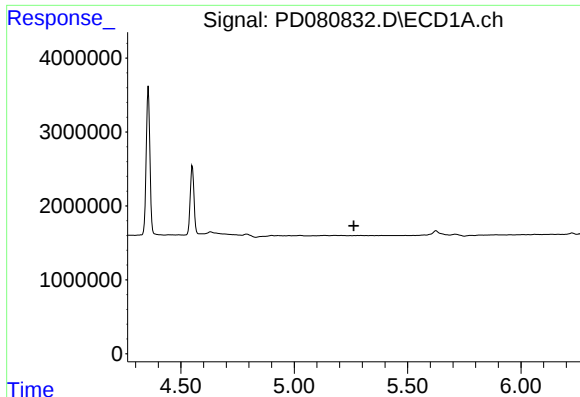
#22 Mirex

R.T.: 8.172 min  
Delta R.T.: 0.018 min  
Response: 56418  
Conc: 0.03 ng/ml



#22 Mirex

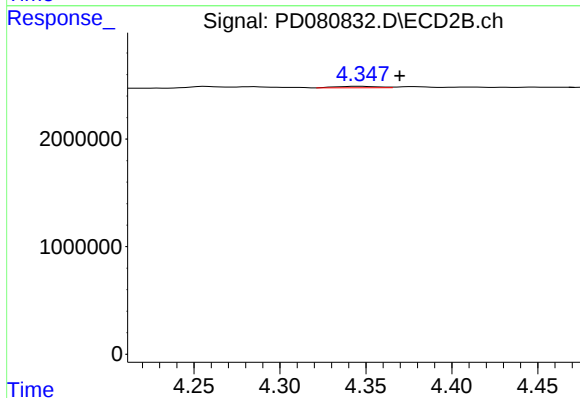
R.T.: 0.000 min  
Exp R.T. : 7.042 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

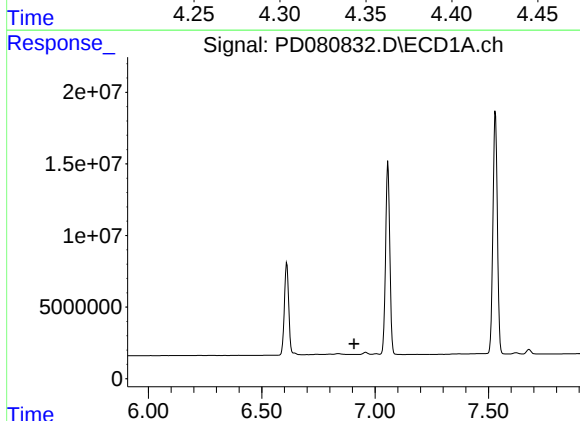
R.T.: 0.000 min  
Exp R.T.: 5.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



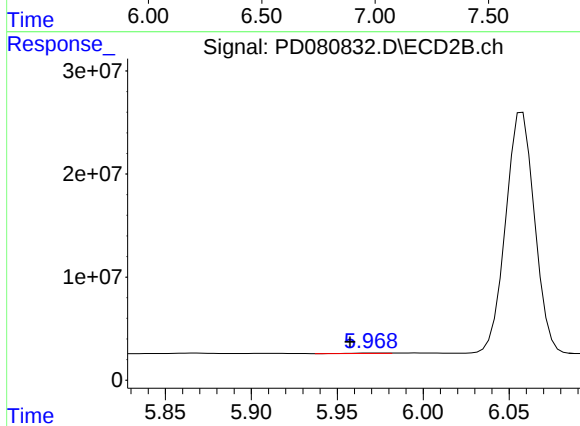
#24 Chlordane-2

R.T.: 4.347 min  
Delta R.T.: -0.023 min  
Response: 247891  
Conc: 2.02 ng/ml



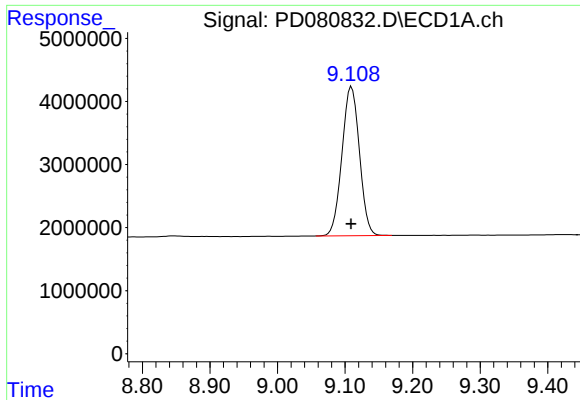
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

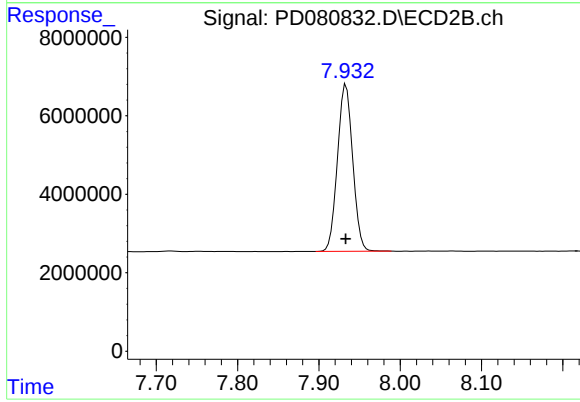
R.T.: 5.971 min  
Delta R.T.: 0.013 min  
Response: 414920  
Conc: 3.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min  
Delta R.T.: 0.000 min  
Response: 42418604  
Conc: 21.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 7.933 min  
Delta R.T.: 0.000 min  
Response: 55326943  
Conc: 20.77 ng/ml