

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041824\  
 Data File : PD082477.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2024 15:38  
 Operator : AR\AJ  
 Sample : PEM045  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM162

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 21:19:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041124CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 10 06:17:48 2024  
 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

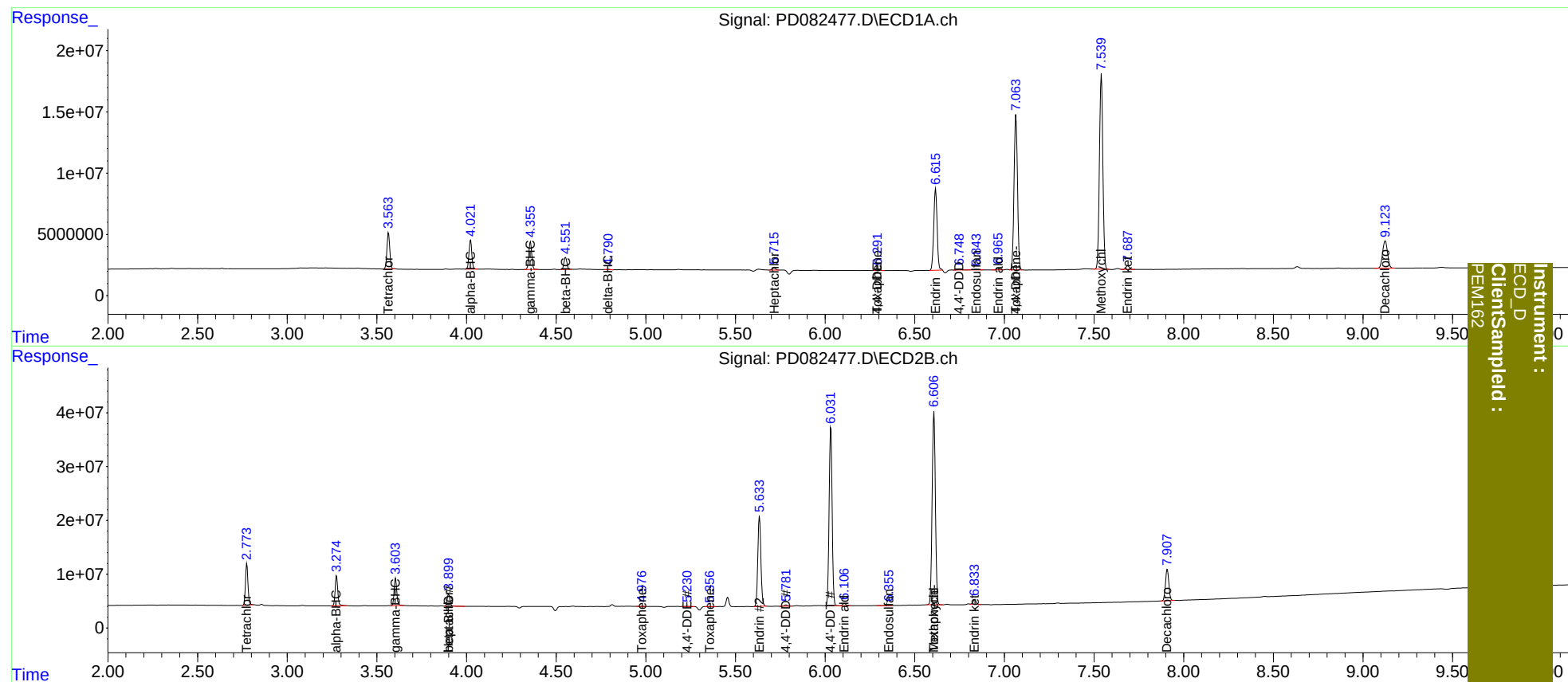
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.775  | 32267485 | 75088466 | 21.047   | 21.637     |
| 27)                         | SA Decachlor... | 9.125  | 7.909  | 42619536 | 76895214 | 22.032   | 23.377     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.023  | 3.275  | 26035943 | 57315671 | 9.819    | 10.455     |
| 3)                          | MA gamma-BHC... | 4.357  | 3.604  | 25747107 | 52524875 | 10.108   | 10.493     |
| 4)                          | MA Heptachlor   | 0.000  | 3.900f | 0        | 23999288 | N.D.     | 4.967      |
| 5)                          | MB Aldrin       | 0.000  | 4.234  | 0        | 245562   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.553  | 3.900  | 11310935 | 23999288 | 10.462   | 11.321     |
| 7)                          | B delta-BHC     | 4.792  | 0.000  | 489317   | 0        | 0.190    | N.D. #     |
| 8)                          | B Heptachlo...  | 5.716  | 0.000  | 2182339  | 0        | 0.962    | N.D. #     |
| 10)                         | B trans-Chl...  | 0.000  | 4.978  | 0        | 168862   | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 0.000  | 4.978f | 0        | 168862   | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 6.292f | 5.231  | 1791084  | 730209   | 0.835    | 0.184 #    |
| 13)                         | MA Dieldrin     | 0.000  | 5.357  | 0        | 415472   | N.D.     | <MDL       |
| 14)                         | MA Endrin       | 6.616  | 5.634  | 87365105 | 200.2E6  | 47.303   | 53.838     |
| 15)                         | B Endosulfa...  | 6.845  | 5.944  | 992972   | 84125    | 0.524    | <MDL #     |
| 16)                         | A 4,4'-DDD      | 6.749  | 5.782  | 1050810  | 2764947  | 0.656    | 0.872 #    |
| 17)                         | MA 4,4'-DDT     | 7.064  | 6.032  | 167.9E6  | 389.1E6  | 101.374  | 114.874    |
| 18)                         | B Endrin al...  | 6.966  | 6.107  | 1798842  | 4599801  | 1.294    | 1.693 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.355  | 0        | 469200   | N.D.     | 0.138      |
| 20)                         | A Methoxychlor  | 7.541  | 6.607  | 212.1E6  | 450.3E6  | 247.813  | 271.404    |
| 21)                         | B Endrin ke...  | 7.688  | 6.835  | 3710106  | 9620044  | 2.077    | 2.534      |
| 22)                         | Toxaphene-1     | 6.292  | 4.978  | 1791084  | 168862   | 113.702  | 7.902 #    |
| 24)                         | Toxaphene-3     | 7.064f | 6.607  | 167.9E6  | 450.3E6  | 3208.234 | 5626.535 # |
| -----                       |                 |        |        |          |          |          |            |

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

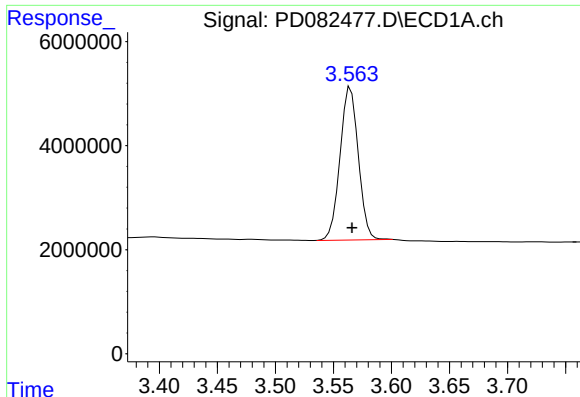
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041824\  
Data File : PD082477.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2024 15:38  
Operator : AR\AJ  
Sample : PEM045  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 21:19:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041124CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 10 06:17:48 2024  
Response via : Initial Calibration  
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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



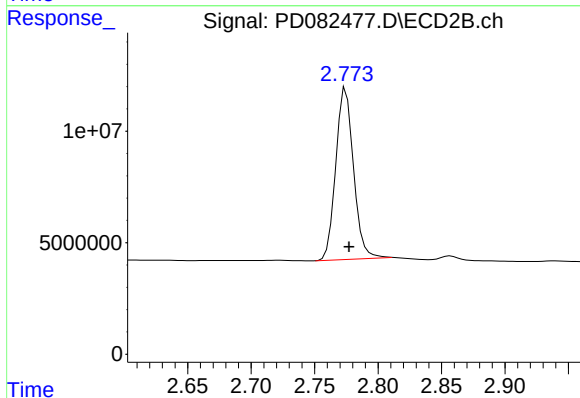
Instrument :  
ECD\_D  
ClientSampled :  
PEM162



#1 Tetrachloro-m-xylene

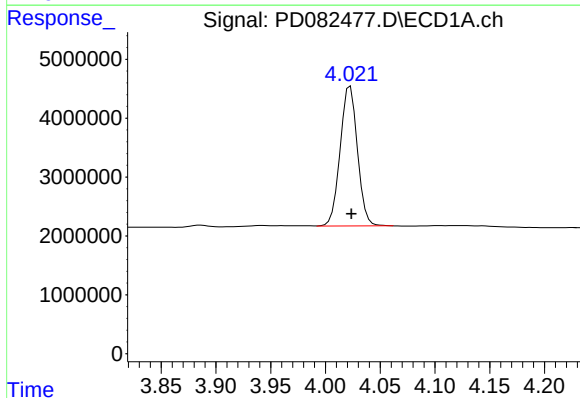
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 32267485  
Conc: 21.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



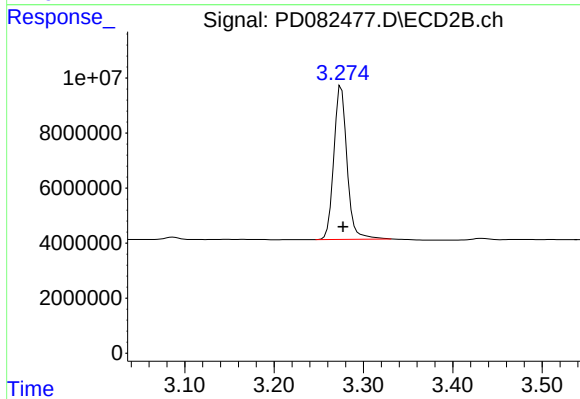
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 75088466  
Conc: 21.64 ng/ml



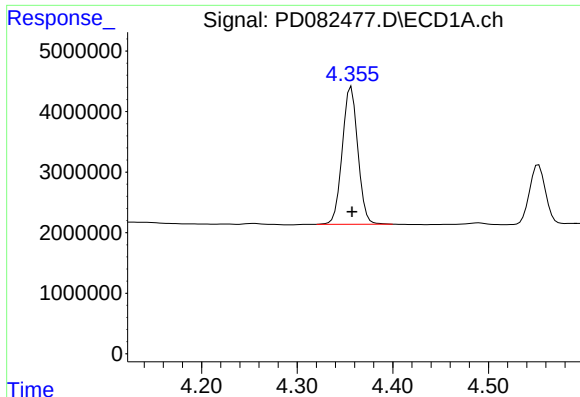
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: -0.001 min  
Response: 26035943  
Conc: 9.82 ng/ml



#2 alpha-BHC

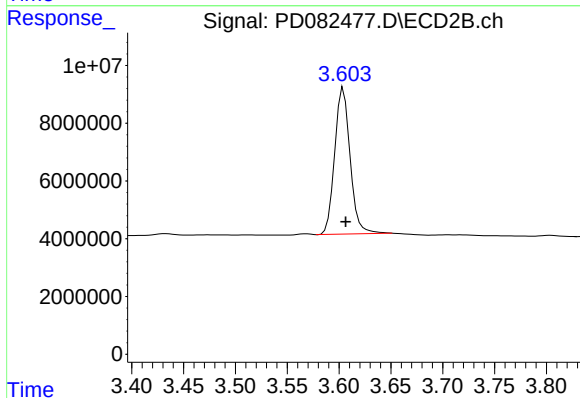
R.T.: 3.275 min  
Delta R.T.: -0.002 min  
Response: 57315671  
Conc: 10.45 ng/ml



#3 gamma-BHC (Lindane)

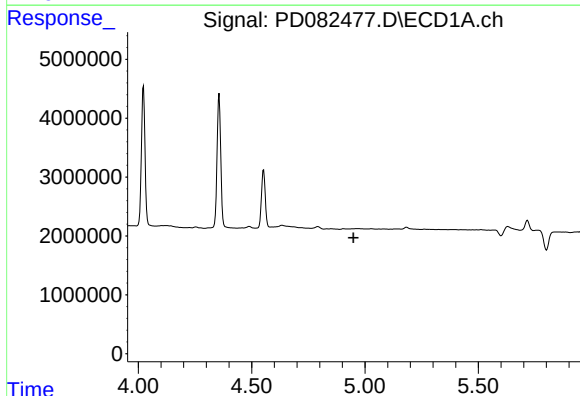
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 25747107  
Conc: 10.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



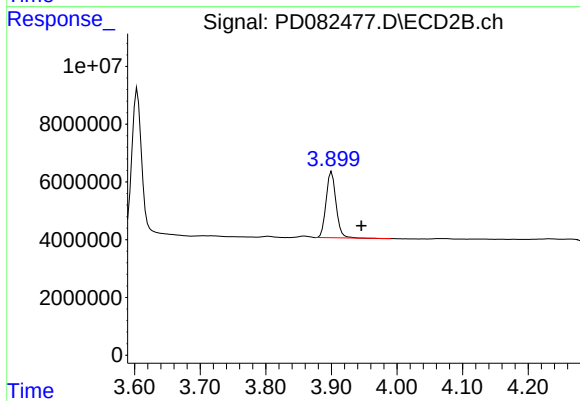
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: -0.002 min  
Response: 52524875  
Conc: 10.49 ng/ml



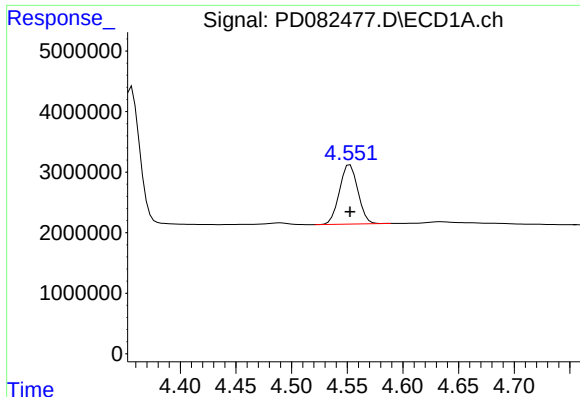
#4 Heptachlor

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



#4 Heptachlor

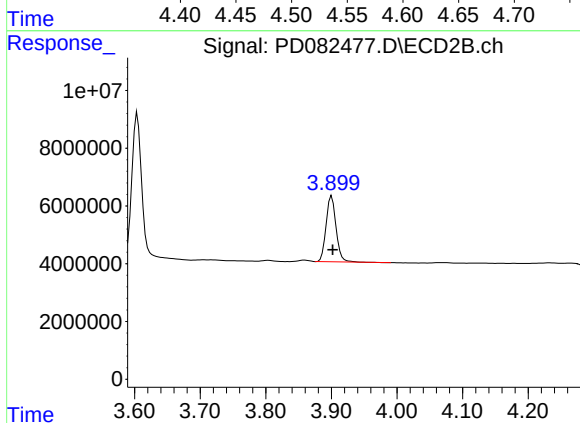
R.T.: 3.900 min  
Delta R.T.: -0.045 min  
Response: 23999288  
Conc: 4.97 ng/ml



#6 beta-BHC

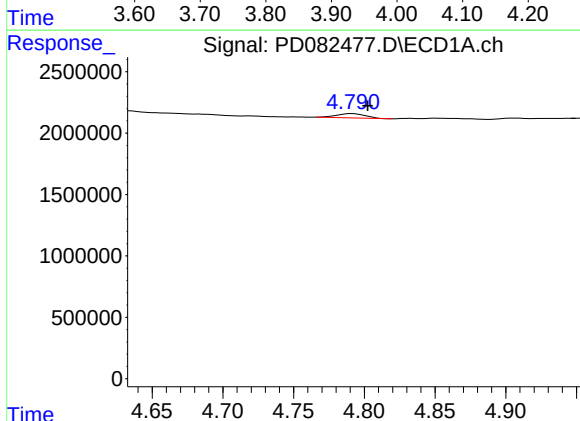
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 11310935  
Conc: 10.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



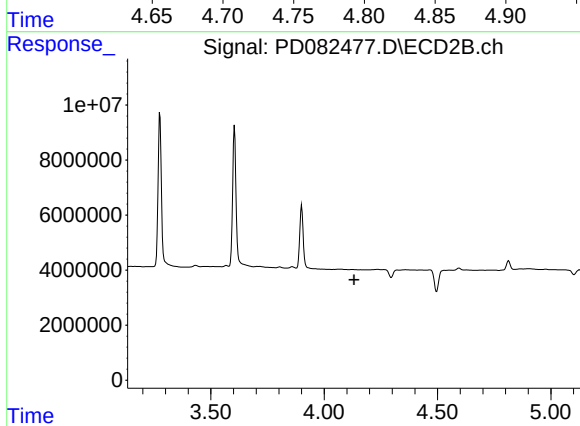
#6 beta-BHC

R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 23999288  
Conc: 11.32 ng/ml



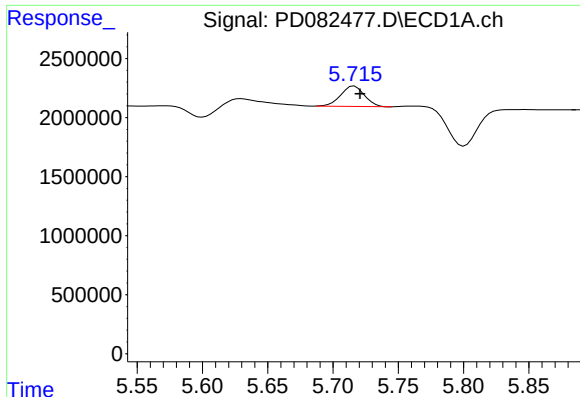
#7 delta-BHC

R.T.: 4.792 min  
Delta R.T.: -0.011 min  
Response: 489317  
Conc: 0.19 ng/ml



#7 delta-BHC

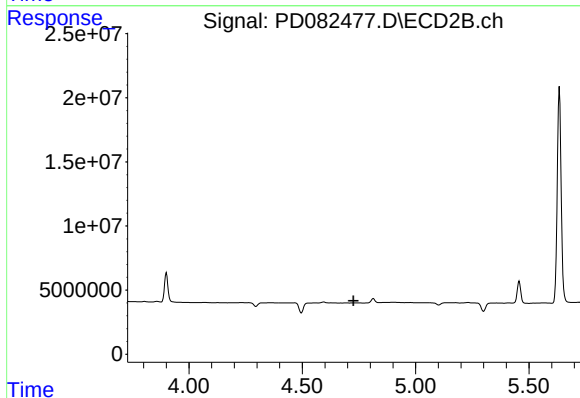
R.T.: 0.000 min  
Exp R.T. : 4.132 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

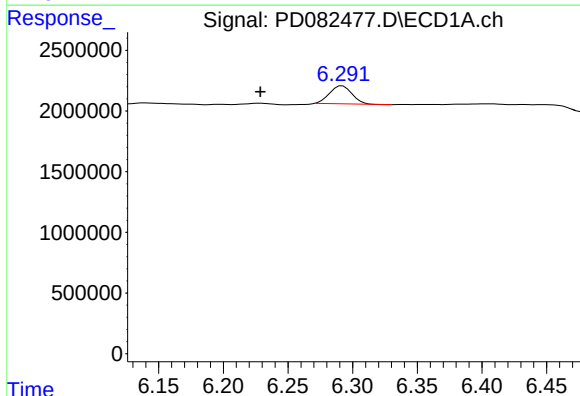
R.T.: 5.716 min  
Delta R.T.: -0.004 min  
Response: 2182339  
Conc: 0.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



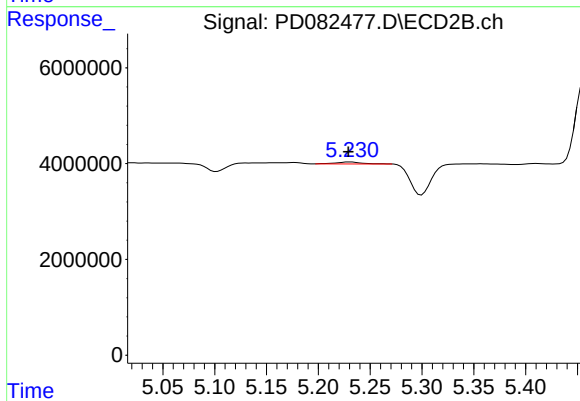
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.726 min  
Response: 0  
Conc: N.D.



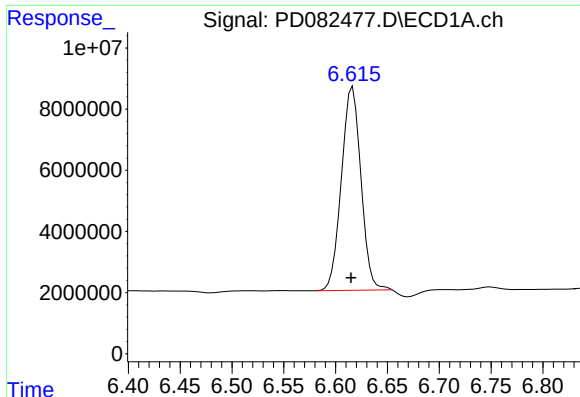
#12 4,4'-DDE

R.T.: 6.292 min  
Delta R.T.: 0.064 min  
Response: 1791084  
Conc: 0.83 ng/ml



#12 4,4'-DDE

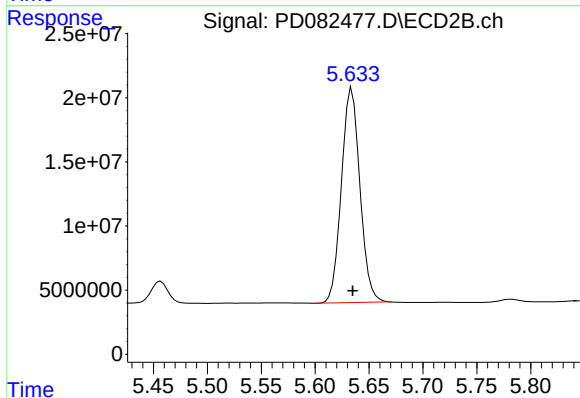
R.T.: 5.231 min  
Delta R.T.: 0.002 min  
Response: 730209  
Conc: 0.18 ng/ml



#14 Endrin

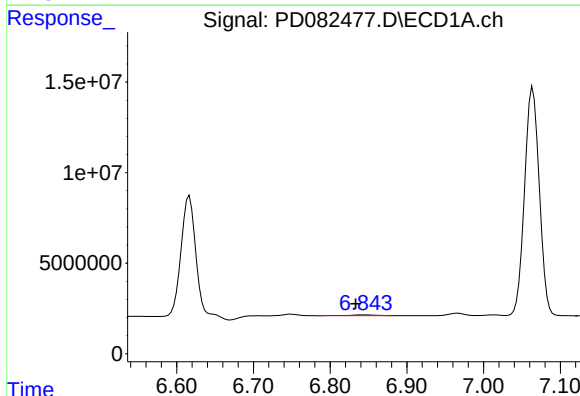
R.T.: 6.616 min  
Delta R.T.: 0.001 min  
Response: 87365105  
Conc: 47.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



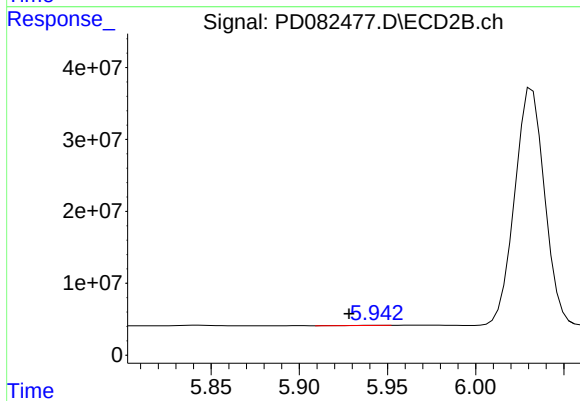
#14 Endrin

R.T.: 5.634 min  
Delta R.T.: 0.000 min  
Response: 200209608  
Conc: 53.84 ng/ml



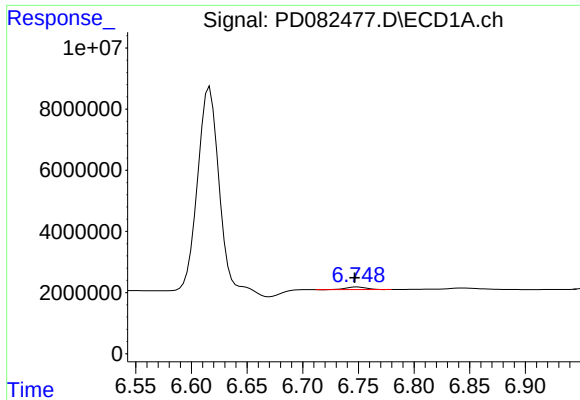
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.011 min  
Response: 992972  
Conc: 0.52 ng/ml



#15 Endosulfan II

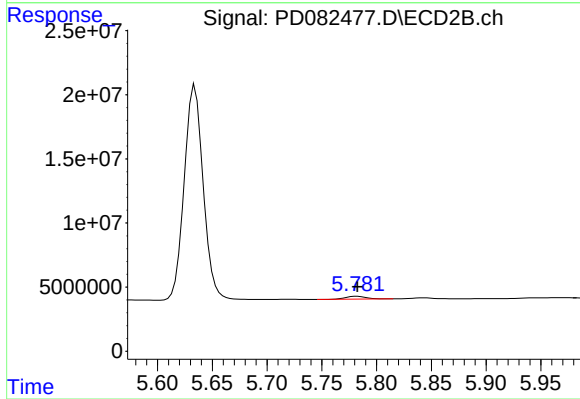
R.T.: 5.944 min  
Delta R.T.: 0.016 min  
Response: 84125  
Conc: N.D.



#16 4,4'-DDD

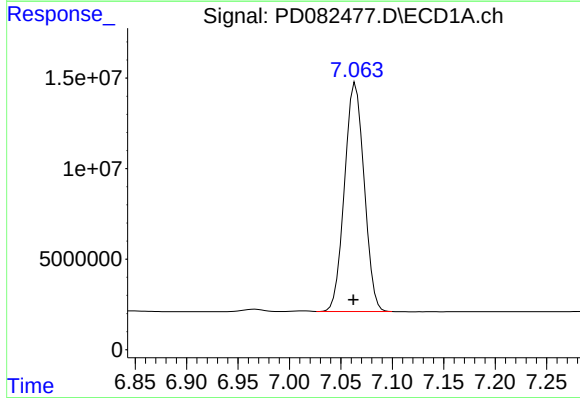
R.T.: 6.749 min  
Delta R.T.: 0.002 min  
Response: 1050810  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



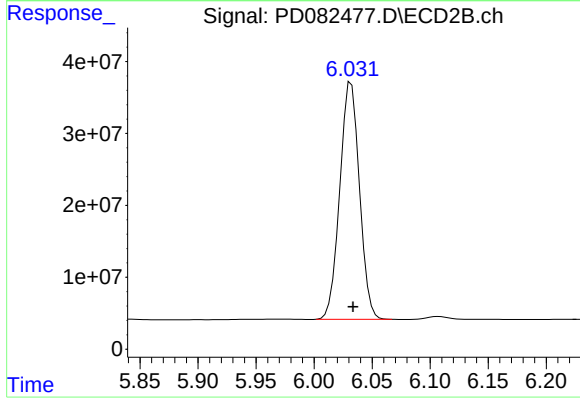
#16 4,4'-DDD

R.T.: 5.782 min  
Delta R.T.: 0.000 min  
Response: 2764947  
Conc: 0.87 ng/ml



#17 4,4'-DDT

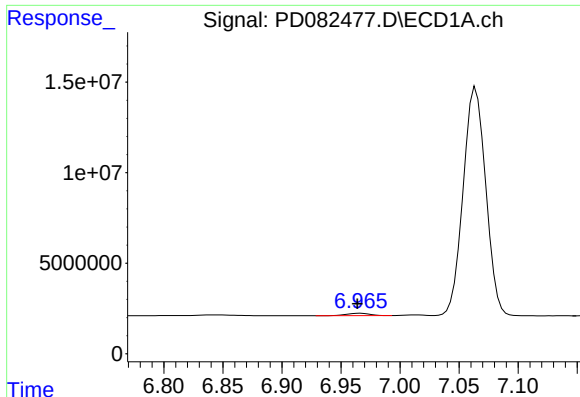
R.T.: 7.064 min  
Delta R.T.: 0.002 min  
Response: 167893681  
Conc: 101.37 ng/ml



#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 389113869  
Conc: 114.87 ng/ml

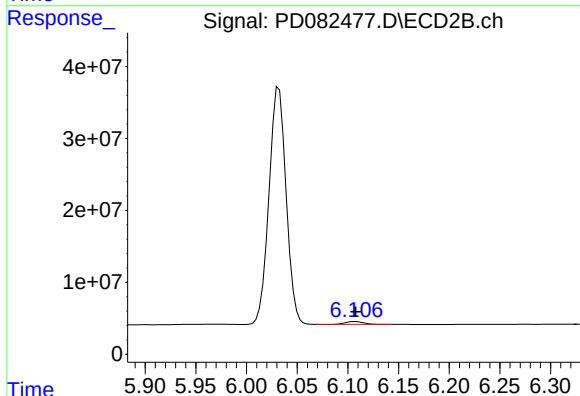




#18 Endrin aldehyde

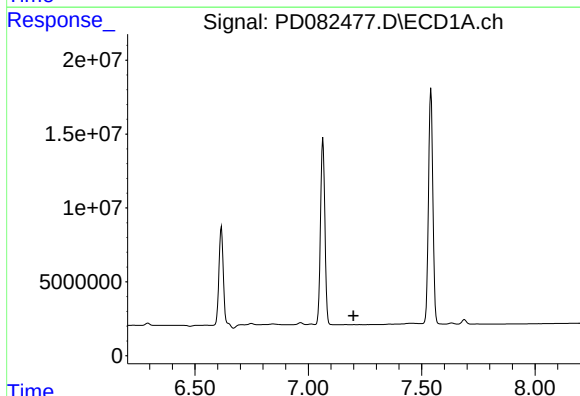
R.T.: 6.966 min  
Delta R.T.: 0.002 min  
Response: 1798842  
Conc: 1.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



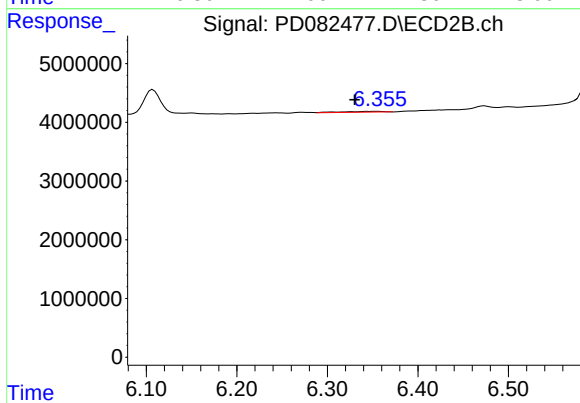
#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 4599801  
Conc: 1.69 ng/ml



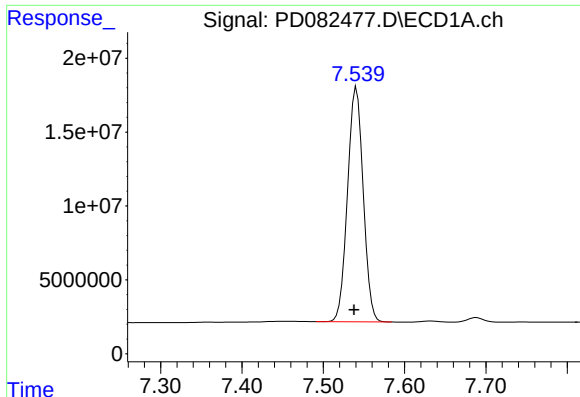
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.200 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

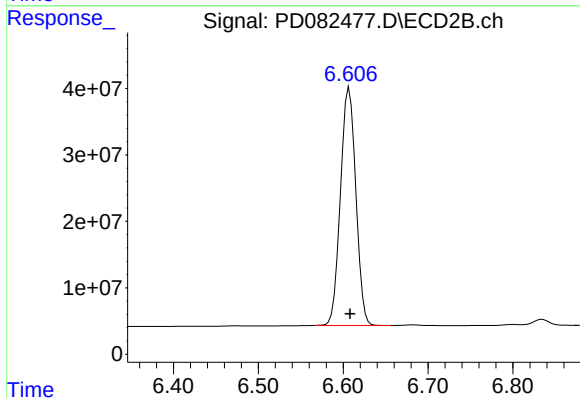
R.T.: 6.355 min  
Delta R.T.: 0.025 min  
Response: 469200  
Conc: 0.14 ng/ml



#20 Methoxychlor

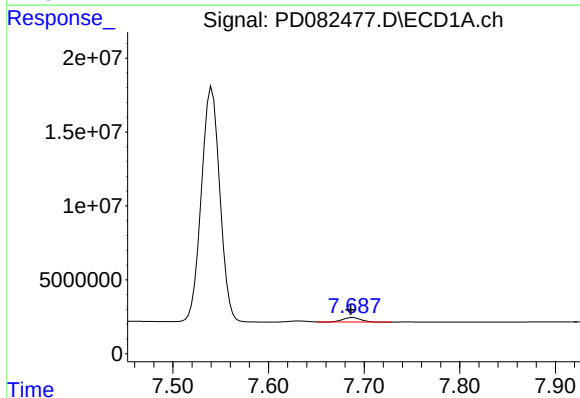
R.T.: 7.541 min  
Delta R.T.: 0.003 min  
Response: 212056970  
Conc: 247.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



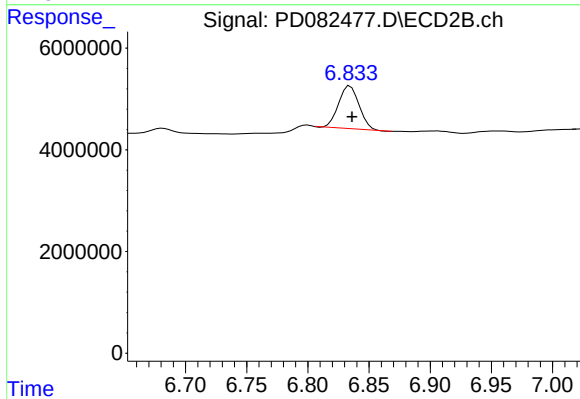
#20 Methoxychlor

R.T.: 6.607 min  
Delta R.T.: -0.001 min  
Response: 450274614  
Conc: 271.40 ng/ml



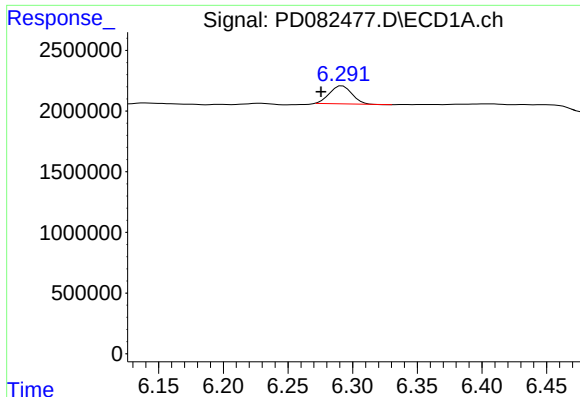
#21 Endrin ketone

R.T.: 7.688 min  
Delta R.T.: 0.002 min  
Response: 3710106  
Conc: 2.08 ng/ml



#21 Endrin ketone

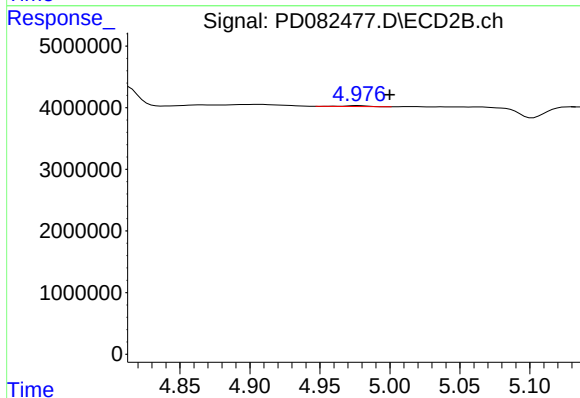
R.T.: 6.835 min  
Delta R.T.: -0.002 min  
Response: 9620044  
Conc: 2.53 ng/ml



#22 Toxaphene-1

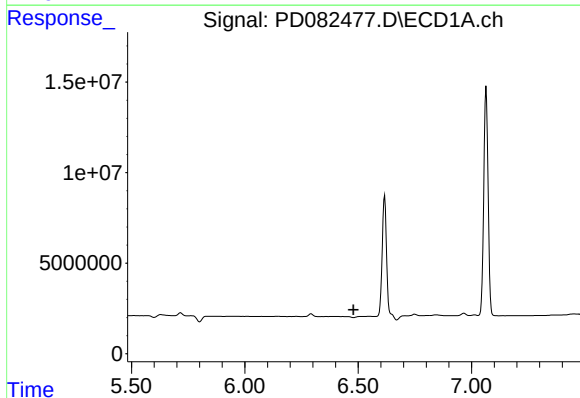
R.T.: 6.292 min  
Delta R.T.: 0.016 min  
Response: 1791084  
Conc: 113.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



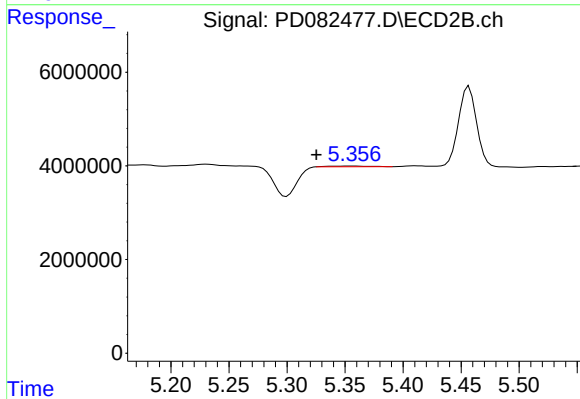
#22 Toxaphene-1

R.T.: 4.978 min  
Delta R.T.: -0.022 min  
Response: 168862  
Conc: 7.90 ng/ml



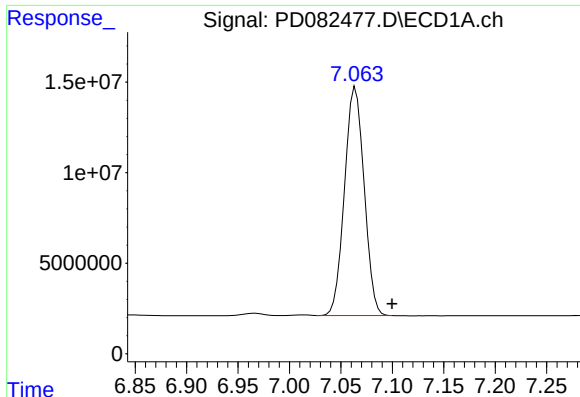
#23 Toxaphene-2

R.T.: 6.520 min  
Delta R.T.: 0.040 min  
Response: -808412  
Conc: N.D.



#23 Toxaphene-2

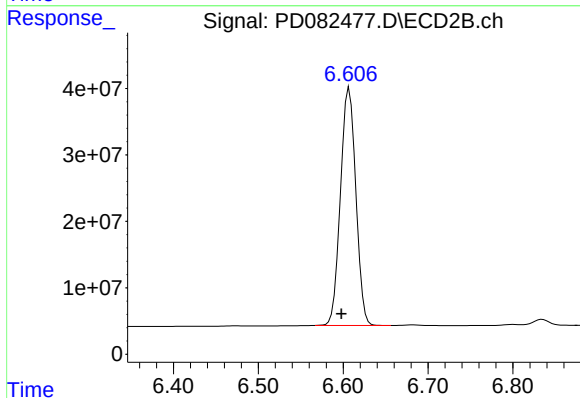
R.T.: 5.357 min  
Delta R.T.: 0.031 min  
Response: 415472  
Conc: 18.31 ng/ml



#24 Toxaphene-3

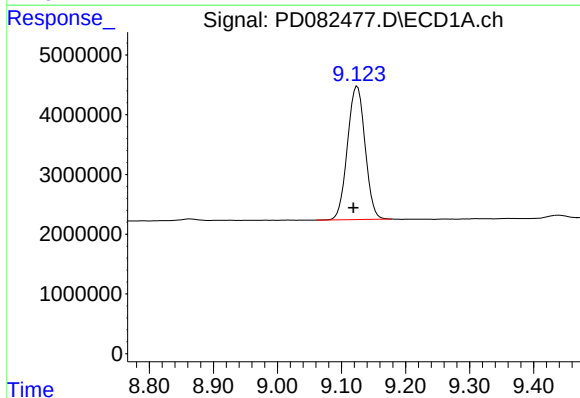
R.T.: 7.064 min  
Delta R.T.: -0.035 min  
Response: 167893681  
Conc: 3208.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM162



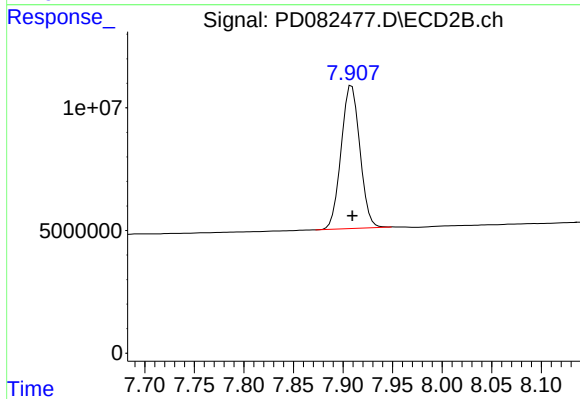
#24 Toxaphene-3

R.T.: 6.607 min  
Delta R.T.: 0.009 min  
Response: 450274614  
Conc: 5626.54 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.125 min  
Delta R.T.: 0.006 min  
Response: 42619536  
Conc: 22.03 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 76895214  
Conc: 23.38 ng/ml