

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080122\  
 Data File : PL076799.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2022 10:50  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 04:22:52 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 01 16:34:20 2022  
 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.422  | 2.642  | 18204824 | 45019347 | 19.123  | 19.505    |
| 28)                         | SA Decachlor... | 8.914  | 7.751  | 15125677 | 38838537 | 19.034  | 20.201    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.886  | 3.136  | 12657712 | 32460169 | 9.196   | 9.777     |
| 3)                          | MA gamma-BHC... | 4.222  | 3.461  | 11884754 | 25975270 | 9.373   | 9.083     |
| 5)                          | MB Aldrin       | 0.000  | 4.075  | 0        | 183579   | N.D.    | 0.066 #   |
| 6)                          | B beta-BHC      | 4.433  | 3.759  | 5488447  | 12233745 | 10.386  | 10.043    |
| 7)                          | B delta-BHC     | 0.000  | 4.003f | 0        | 4064699  | N.D.    | 1.327 #   |
| 8)                          | B Heptachlo...  | 5.544f | 0.000  | 740052   | 0        | 0.792   | N.D. #    |
| 9)                          | A Endosulfan I  | 5.967  | 0.000  | 883255   | 0        | 0.920   | N.D. #    |
| 10)                         | B gamma-Chl...  | 0.000  | 4.835f | 0        | 48396178 | N.D.    | 19.762 #  |
| 13)                         | MA Dieldrin     | 6.241  | 0.000  | 224653   | 0        | 0.220   | N.D. #    |
| 14)                         | MA Endrin       | 6.468  | 5.472  | 39923928 | 94566704 | 43.336  | 43.689    |
| 15)                         | B Endosulfa...  | 6.711f | 5.793f | 611193   | 850970   | 0.682   | 0.385 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.626  | 0        | 470575   | N.D.    | 0.252 #   |
| 17)                         | MA 4,4'-DDT     | 6.919  | 5.878  | 86517756 | 192.9E6  | 102.767 | 103.274   |
| 18)                         | B Endrin al...  | 6.826  | 5.948  | 968051   | 2459726  | 1.316   | 1.526     |
| 20)                         | A Methoxychlor  | 7.400  | 6.456  | 116.9E6  | 254.6E6  | 242.732 | 249.439   |
| 21)                         | B Endrin ke...  | 7.547  | 6.670  | 2435783  | 5581207  | 2.614   | 2.675     |
| 25)                         | Chlordane-3     | 0.000  | 4.835f | 0        | 48396178 | N.D.    | 175.495 # |
| 27)                         | Chlordane-5     | 0.000  | 5.569f | 0        | 420885   | N.D.    | 5.514 #   |
| -----                       |                 |        |        |          |          |         |           |

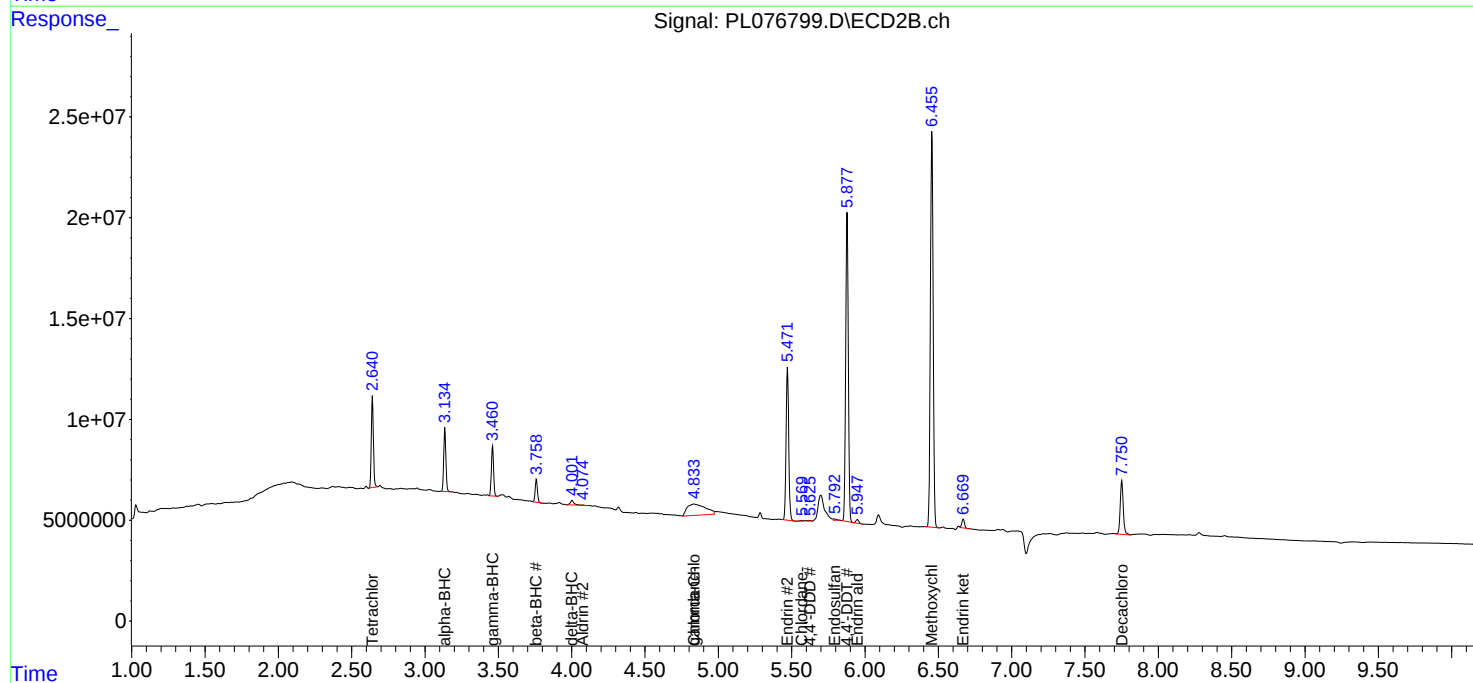
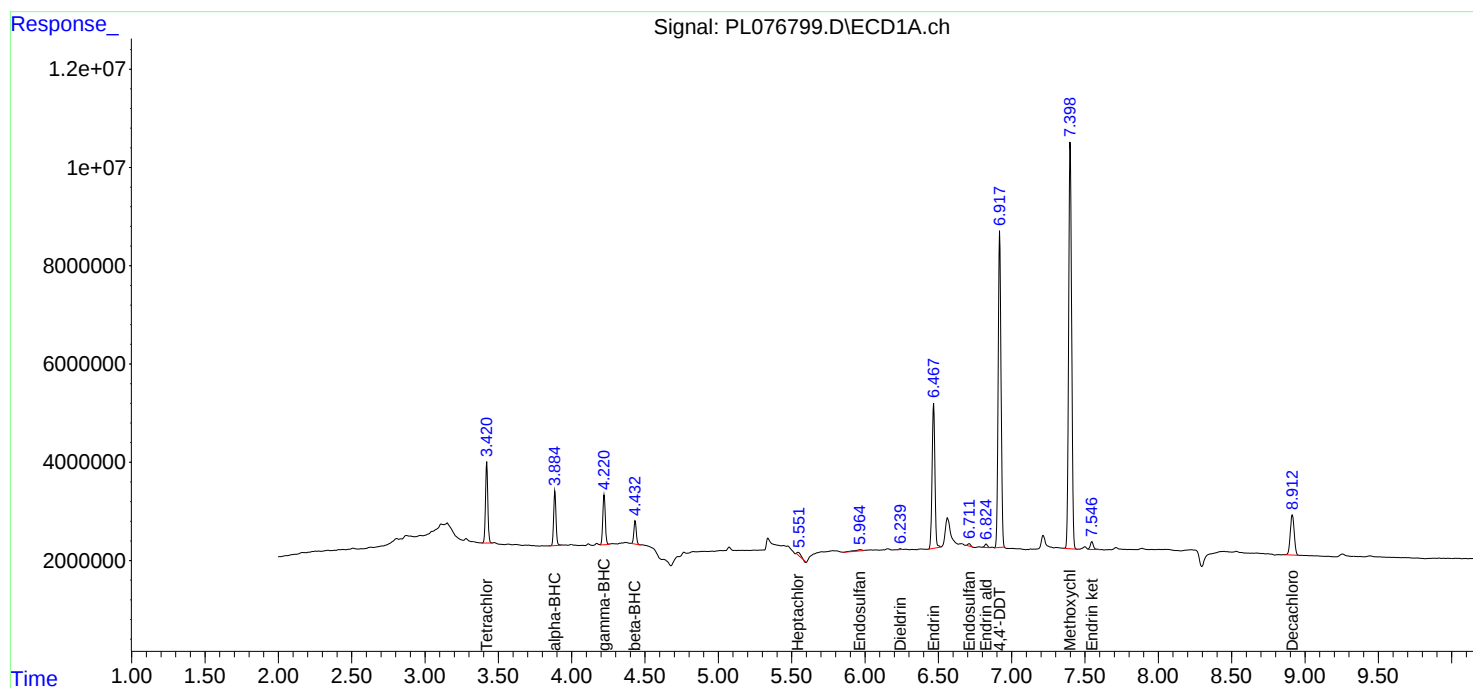
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

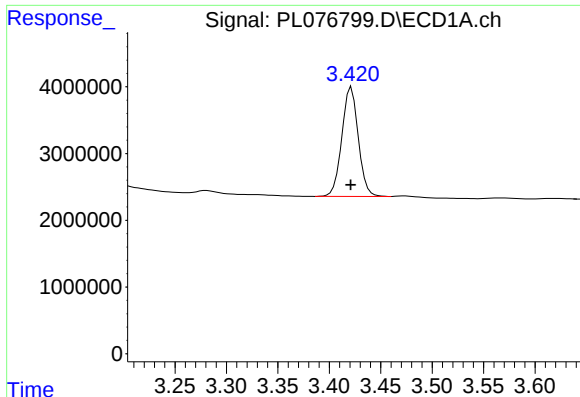
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080122\  
Data File : PL076799.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2022 10:50  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 04:22:52 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 01 16:34:20 2022  
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 x0.5µm

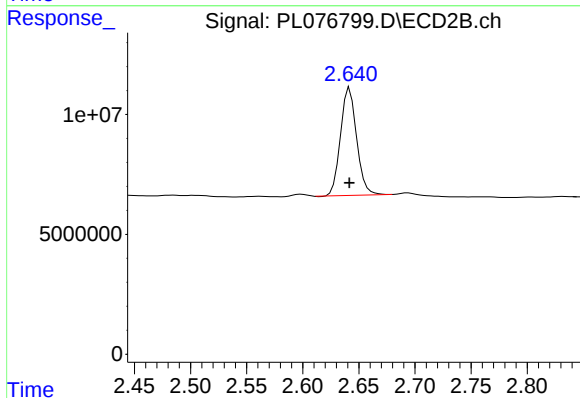




#1 Tetrachloro-m-xylene

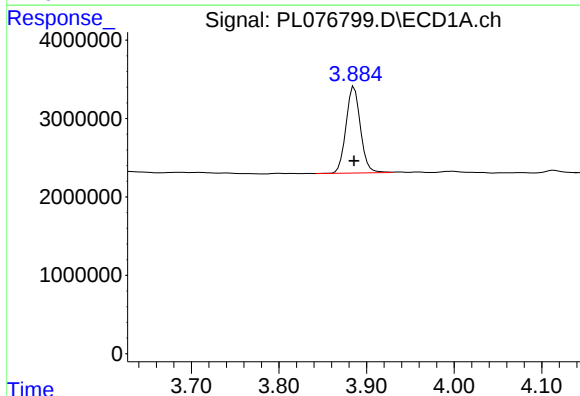
R.T.: 3.422 min  
Delta R.T.: 0.000 min  
Response: 18204824  
Conc: 19.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



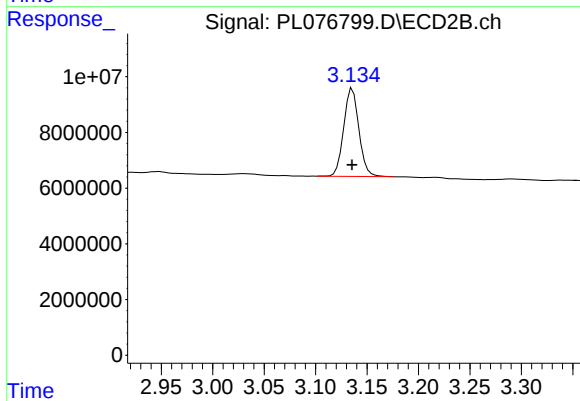
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: 0.000 min  
Response: 45019347  
Conc: 19.50 ng/ml



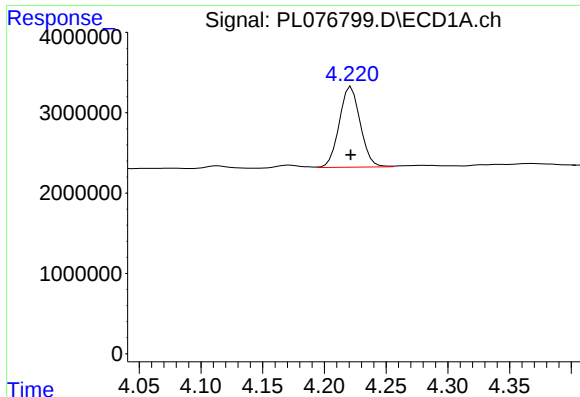
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: 0.000 min  
Response: 12657712  
Conc: 9.20 ng/ml



#2 alpha-BHC

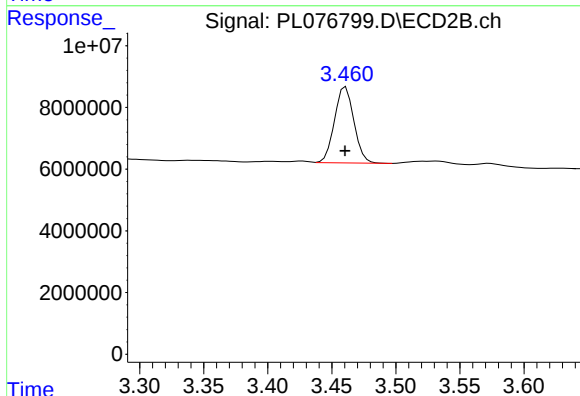
R.T.: 3.136 min  
Delta R.T.: 0.000 min  
Response: 32460169  
Conc: 9.78 ng/ml



#3 gamma-BHC (Lindane)

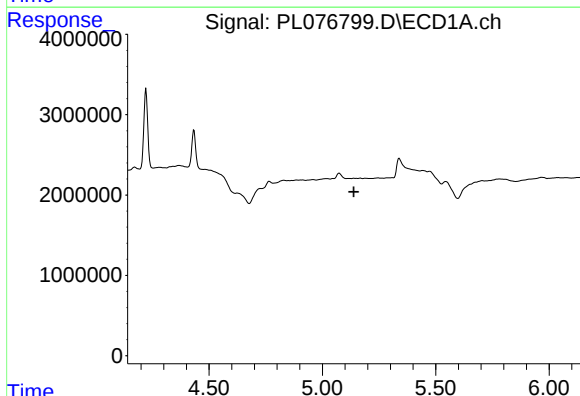
R.T.: 4.222 min  
Delta R.T.: 0.000 min  
Response: 11884754  
Conc: 9.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



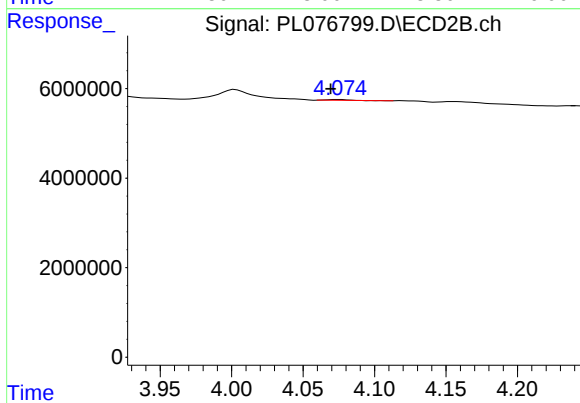
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 25975270  
Conc: 9.08 ng/ml



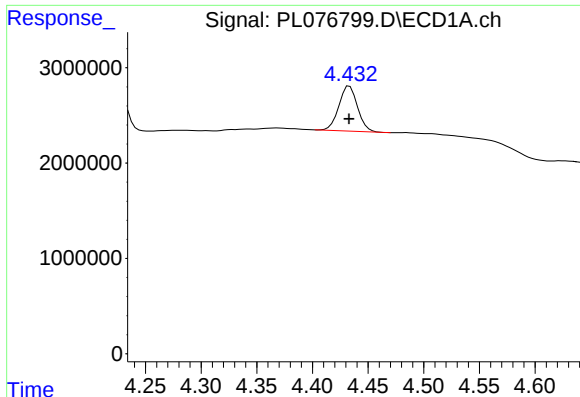
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.139 min  
Response: 0  
Conc: N.D.



#5 Aldrin

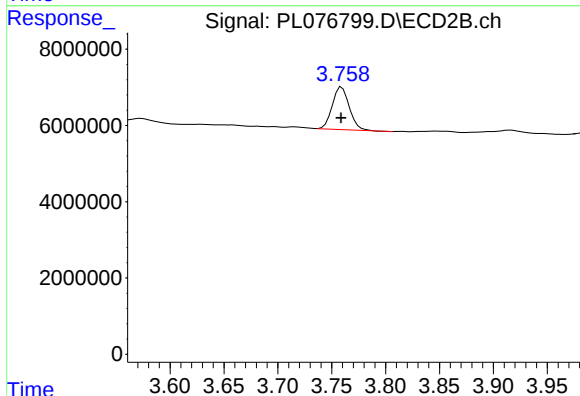
R.T.: 4.075 min  
Delta R.T.: 0.006 min  
Response: 183579  
Conc: 0.07 ng/ml



#6 beta-BHC

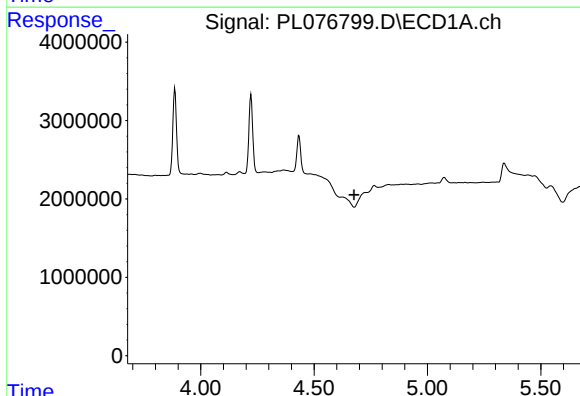
R.T.: 4.433 min  
Delta R.T.: 0.000 min  
Response: 5488447  
Conc: 10.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



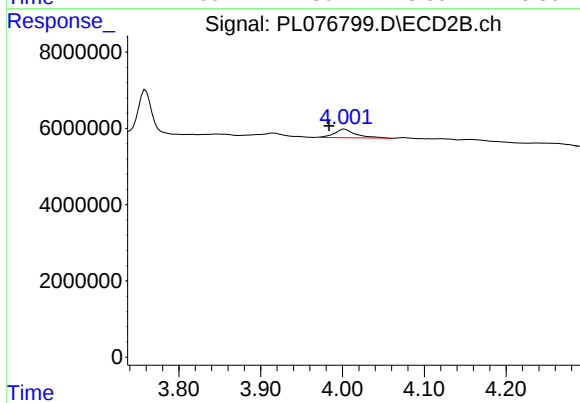
#6 beta-BHC

R.T.: 3.759 min  
Delta R.T.: 0.000 min  
Response: 12233745  
Conc: 10.04 ng/ml



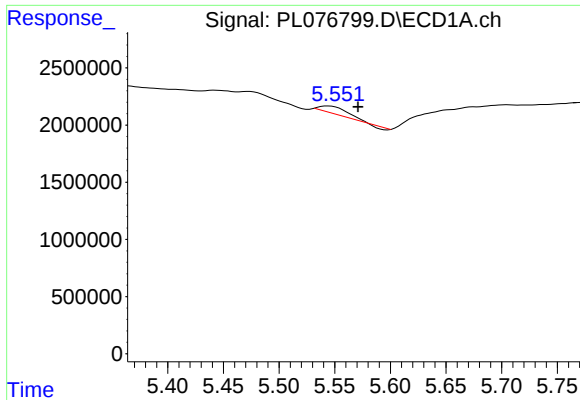
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.677 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

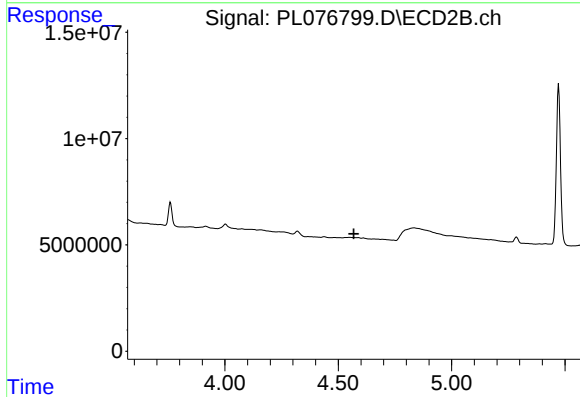
R.T.: 4.003 min  
Delta R.T.: 0.019 min  
Response: 4064699  
Conc: 1.33 ng/ml



#8 Heptachlor epoxide

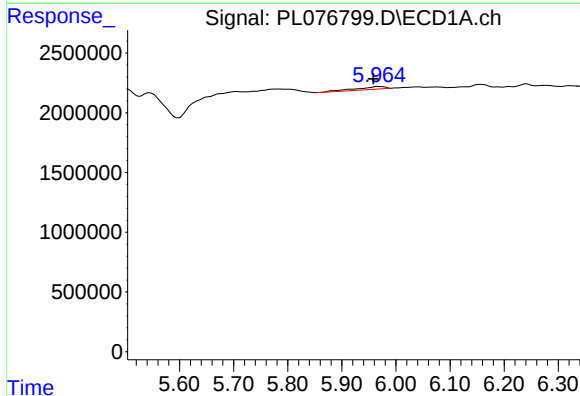
R.T.: 5.544 min  
Delta R.T.: -0.027 min  
Response: 740052  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



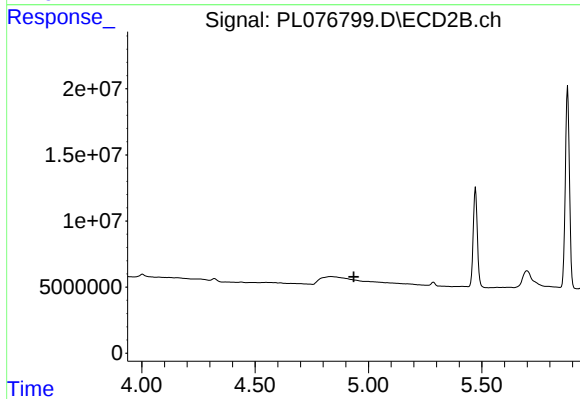
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.569 min  
Response: 0  
Conc: N.D.



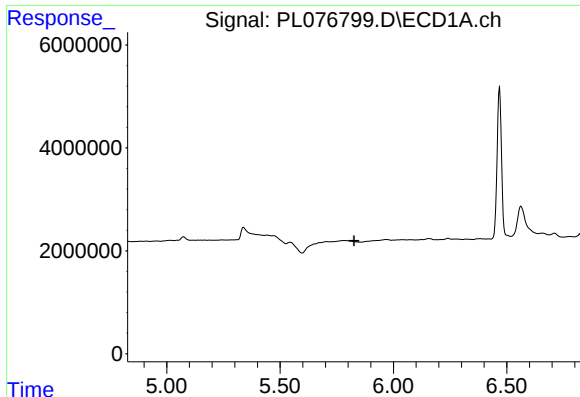
#9 Endosulfan I

R.T.: 5.967 min  
Delta R.T.: 0.008 min  
Response: 883255  
Conc: 0.92 ng/ml



#9 Endosulfan I

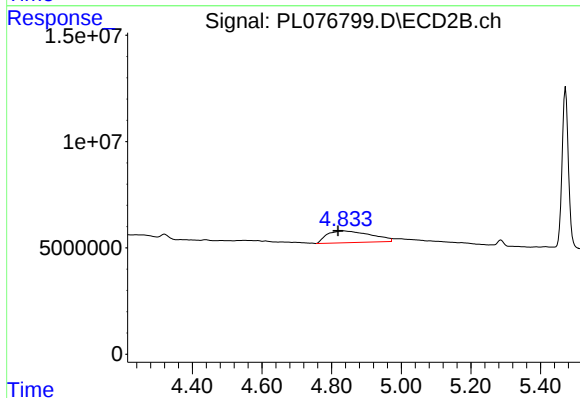
R.T.: 0.000 min  
Exp R.T. : 4.935 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

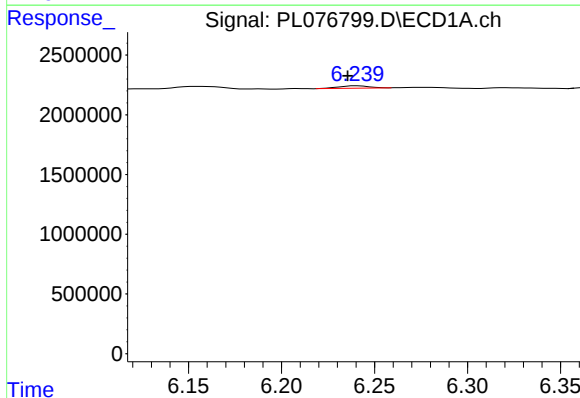
R.T.: 0.000 min  
Exp R.T. : 5.827 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



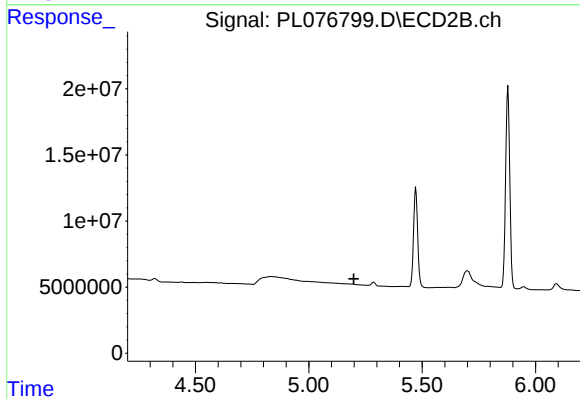
#10 gamma-Chlordane

R.T.: 4.835 min  
Delta R.T.: 0.016 min  
Response: 48396178  
Conc: 19.76 ng/ml



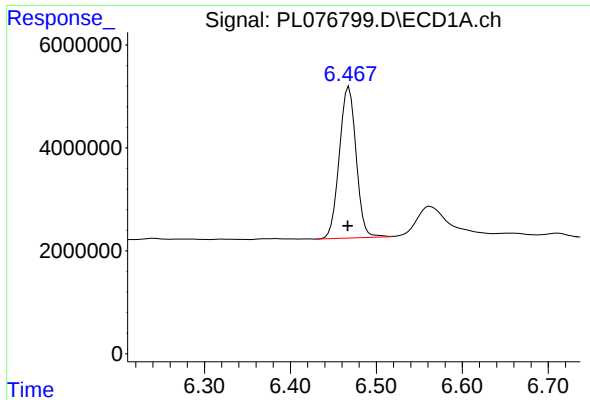
#13 Dieldrin

R.T.: 6.241 min  
Delta R.T.: 0.005 min  
Response: 224653  
Conc: 0.22 ng/ml



#13 Dieldrin

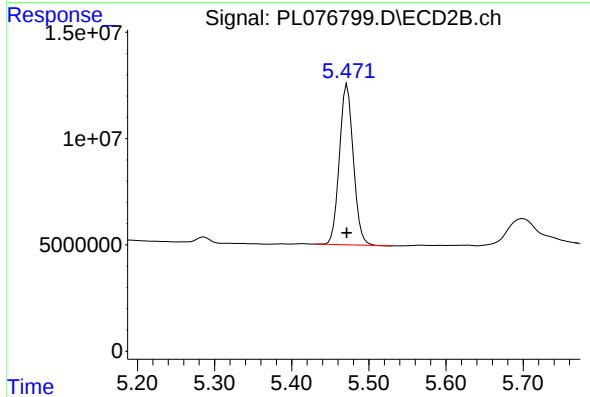
R.T.: 0.000 min  
Exp R.T. : 5.198 min  
Response: 0  
Conc: N.D.



#14 Endrin

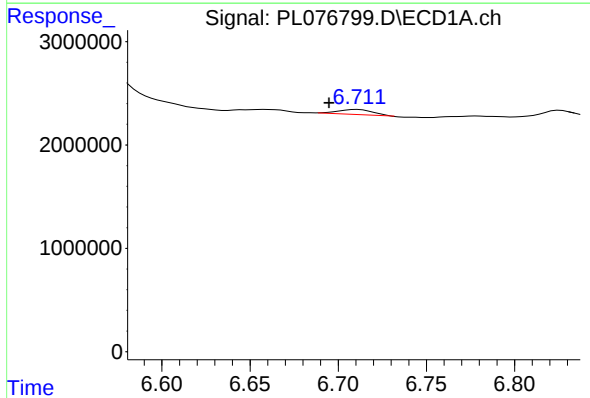
R.T.: 6.468 min  
Delta R.T.: 0.001 min  
Response: 39923928  
Conc: 43.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



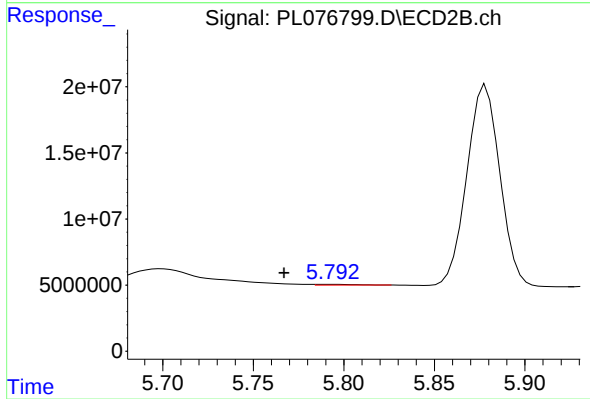
#14 Endrin

R.T.: 5.472 min  
Delta R.T.: 0.000 min  
Response: 94566704  
Conc: 43.69 ng/ml



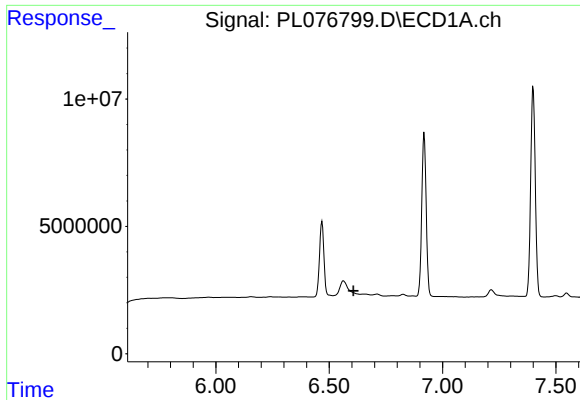
#15 Endosulfan II

R.T.: 6.711 min  
Delta R.T.: 0.016 min  
Response: 611193  
Conc: 0.68 ng/ml



#15 Endosulfan II

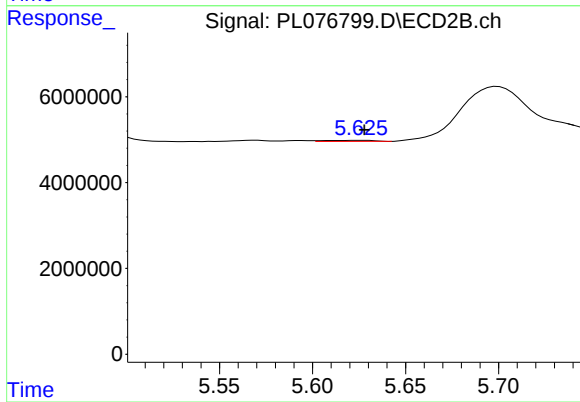
R.T.: 5.793 min  
Delta R.T.: 0.026 min  
Response: 850970  
Conc: 0.39 ng/ml



#16 4,4'-DDD

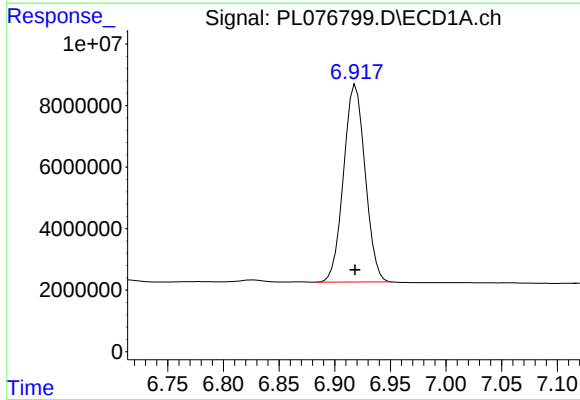
R.T.: 0.000 min  
Exp R.T.: 6.608 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



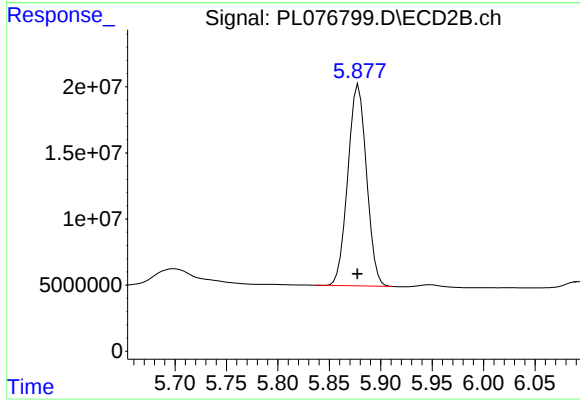
#16 4,4'-DDD

R.T.: 5.626 min  
Delta R.T.: -0.002 min  
Response: 470575  
Conc: 0.25 ng/ml



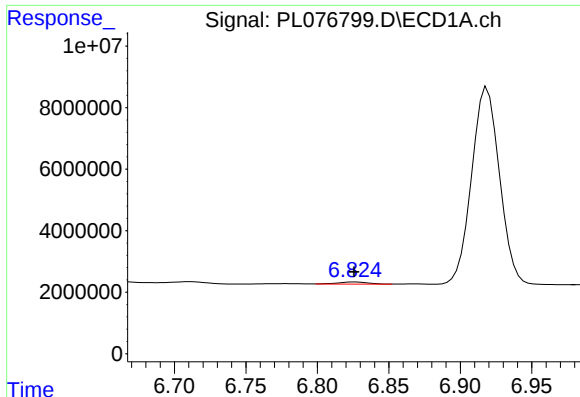
#17 4,4'-DDT

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 86517756  
Conc: 102.77 ng/ml



#17 4,4'-DDT

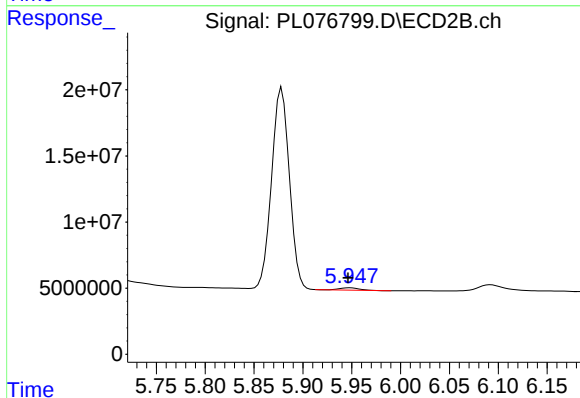
R.T.: 5.878 min  
Delta R.T.: 0.001 min  
Response: 192899058  
Conc: 103.27 ng/ml



#18 Endrin aldehyde

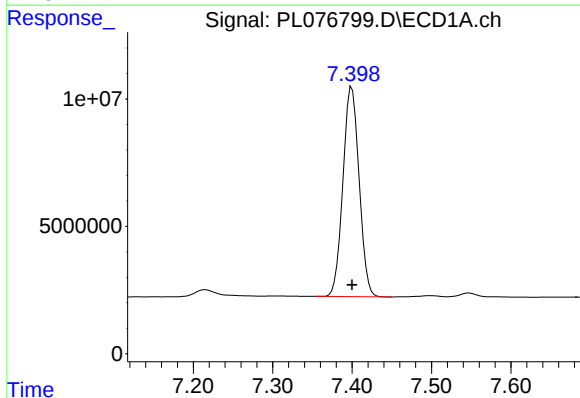
R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 968051  
Conc: 1.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



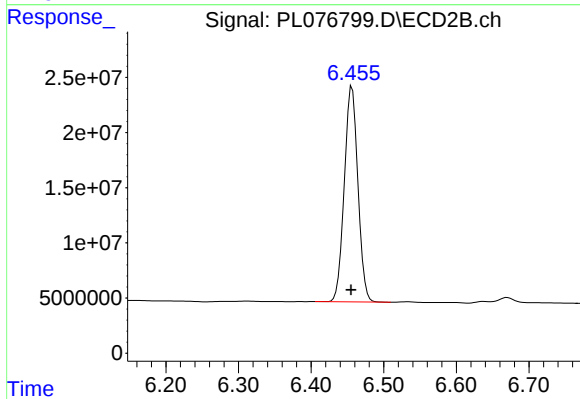
#18 Endrin aldehyde

R.T.: 5.948 min  
Delta R.T.: 0.002 min  
Response: 2459726  
Conc: 1.53 ng/ml



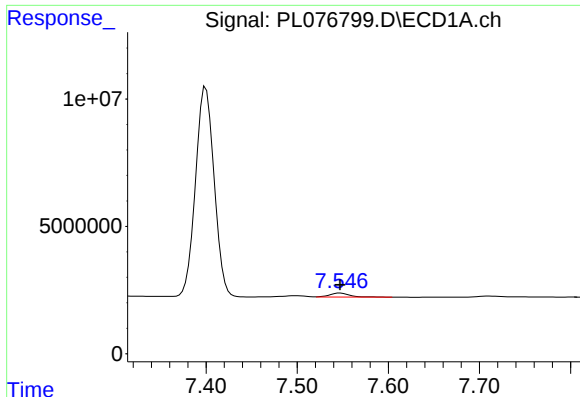
#20 Methoxychlor

R.T.: 7.400 min  
Delta R.T.: 0.000 min  
Response: 116938349  
Conc: 242.73 ng/ml



#20 Methoxychlor

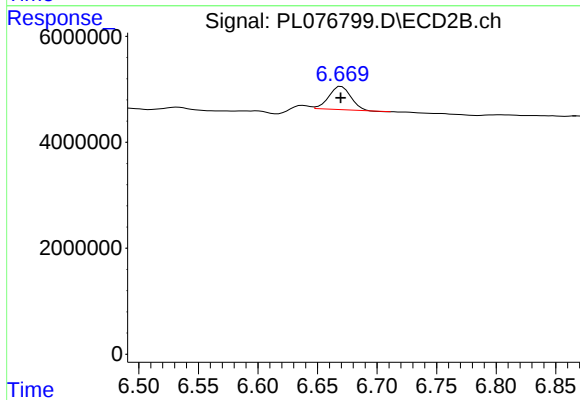
R.T.: 6.456 min  
Delta R.T.: 0.001 min  
Response: 254628236  
Conc: 249.44 ng/ml



#21 Endrin ketone

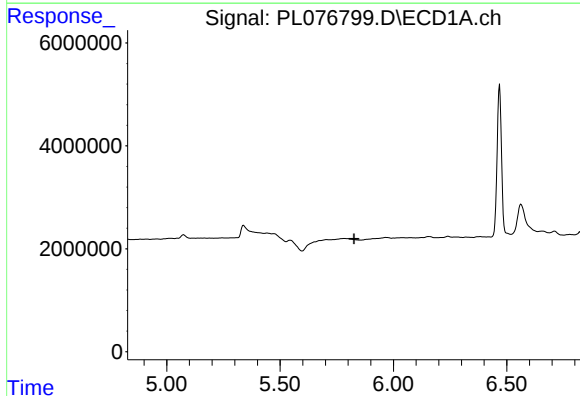
R.T.: 7.547 min  
Delta R.T.: 0.000 min  
Response: 2435783  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



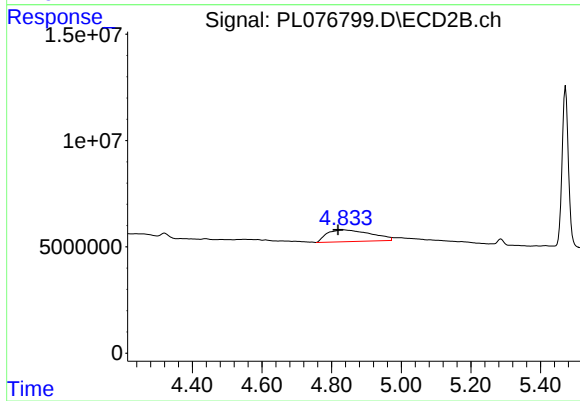
#21 Endrin ketone

R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 5581207  
Conc: 2.67 ng/ml



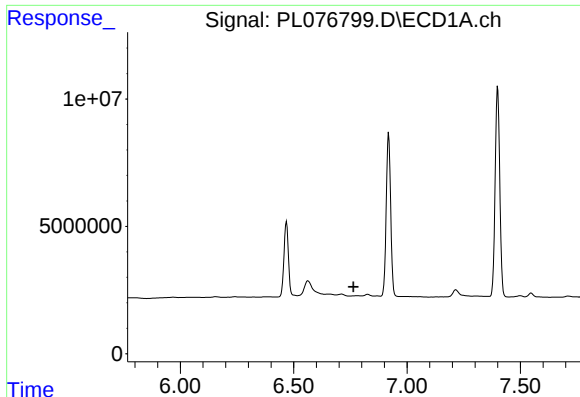
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.827 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

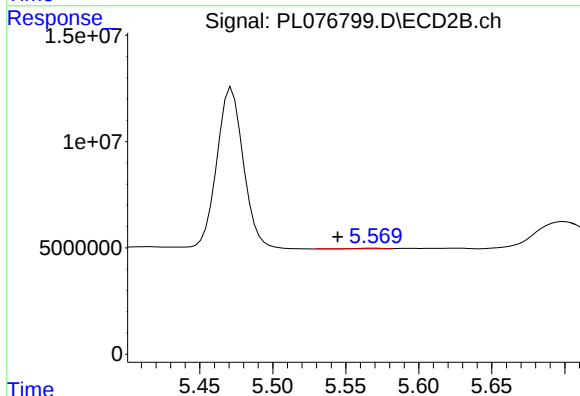
R.T.: 4.835 min  
Delta R.T.: 0.016 min  
Response: 48396178  
Conc: 175.50 ng/ml



#27 Chlordane-5

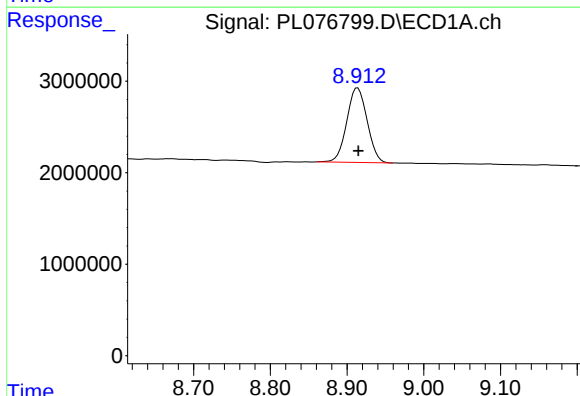
R.T.: 0.000 min  
Exp R.T.: 6.764 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



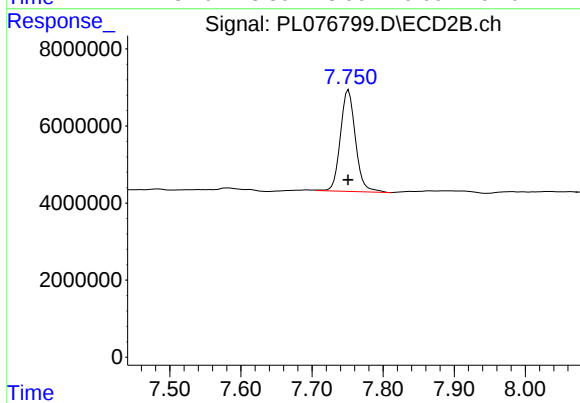
#27 Chlordane-5

R.T.: 5.569 min  
Delta R.T.: 0.025 min  
Response: 420885  
Conc: 5.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.914 min  
Delta R.T.: -0.001 min  
Response: 15125677  
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 38838537  
Conc: 20.20 ng/ml