

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 17:03
 Operator : AR\AJ
 Sample : 04652-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 IS5-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:25:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 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...	3.540	2.758	54185988	37002419	18.771	18.117
2)	SA Decachlor...	9.080	7.894	70587391	41067649	19.034	18.098
Target Compounds							
3)	MA gamma-BHC...	4.359f	3.598	268013	237571	0.057	0.082 #
6)	B beta-BHC	4.513	3.887	154170	213966	0.083	0.185 #
7)	B delta-BHC	4.766	0.000	9090432	0	2.018	N.D. #
8)	B Heptachlo...	5.690	0.000	1730793	0	0.412	N.D. #
9)	A Endosulfan I	0.000	5.059f	0	2416127	N.D.	0.961 #
10)	B gamma-Chl...	5.917f	4.948	657900	607626	0.157	0.226 #
11)	B alpha-Chl...	6.004f	5.026	524112	1975299	0.124	0.736 #
12)	B 4,4'-DDE	6.199	0.000	1226444	0	0.306	N.D. #
13)	MA Dieldrin	6.360	5.346	685539	78973	0.163	0.028 #
14)	MA Endrin	0.000	5.639f	0	237133	N.D.	0.096 #
16)	A 4,4'-DDD	6.727	0.000	577811	0	0.194	N.D. #
17)	MA 4,4'-DDT	7.043	6.009	155768	414953	0.053	0.204 #
19)	B Endosulfa...	7.201f	6.308	1236373	2313945	0.385	1.043 #
20)	A Methoxychlor	0.000	6.568f	0	371216	N.D.	0.340 #
21)	B Endrin ke...	7.627f	0.000	853800	0	0.238	N.D. #
22)	Mirex	8.123	0.000	7127251	0	2.668	N.D. #
25)	Chlordane-3	5.917f	4.948	657900	607626	1.125	2.358 #
26)	Chlordane-4	6.004f	5.026	524112	1975299	0.741	7.865 #
27)	Chlordane-5	6.883	0.000	108552	0	0.978	N.D. #

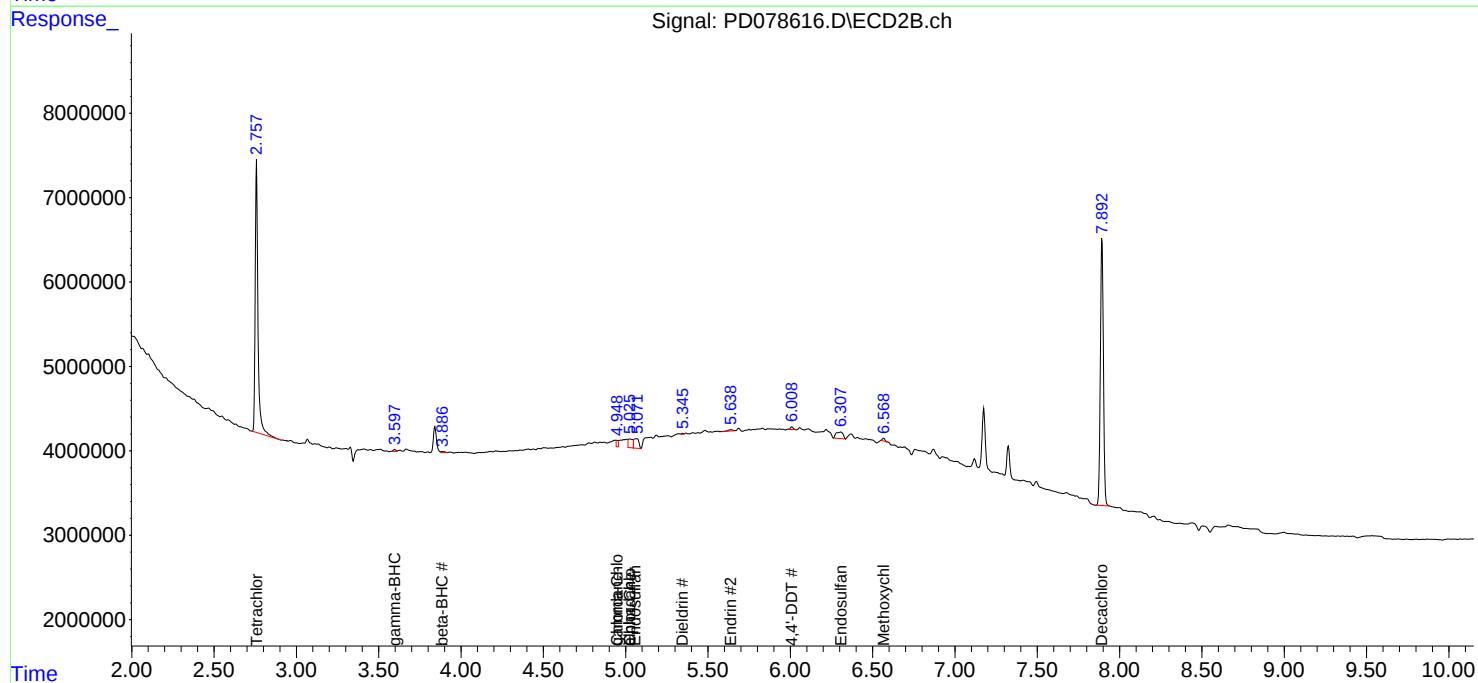
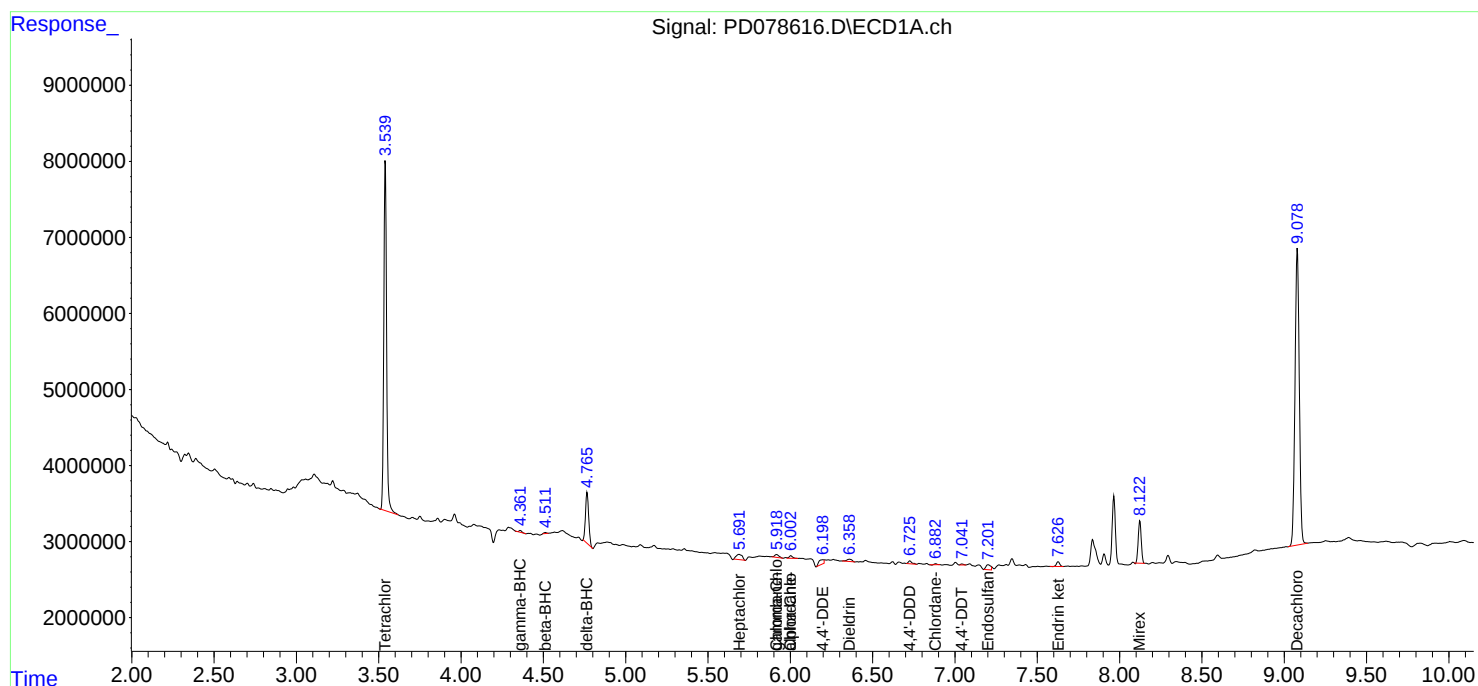
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

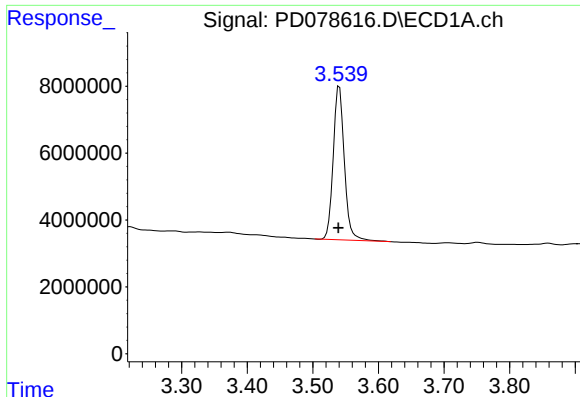
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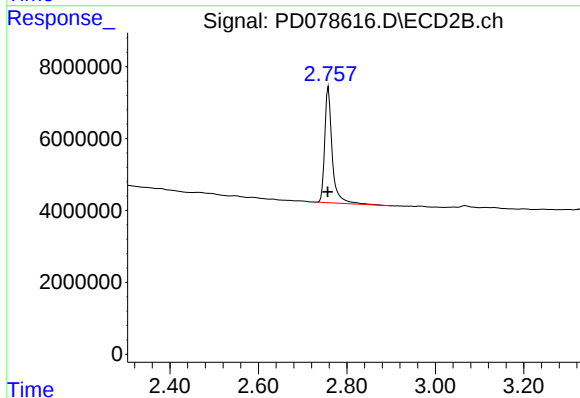




#1 Tetrachloro-m-xylene

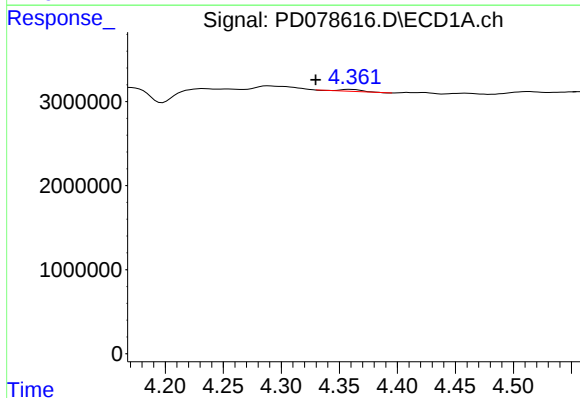
R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 54185988
Conc: 18.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



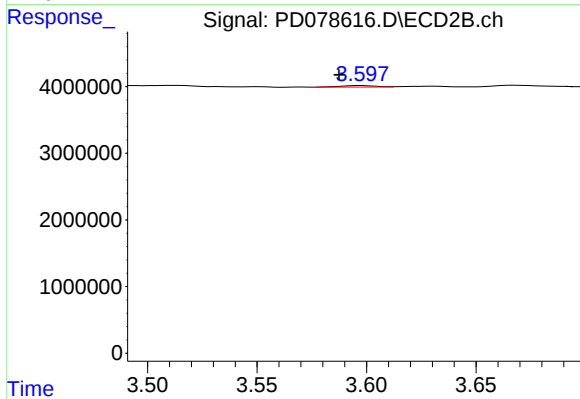
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.001 min
Response: 37002419
Conc: 18.12 ng/ml



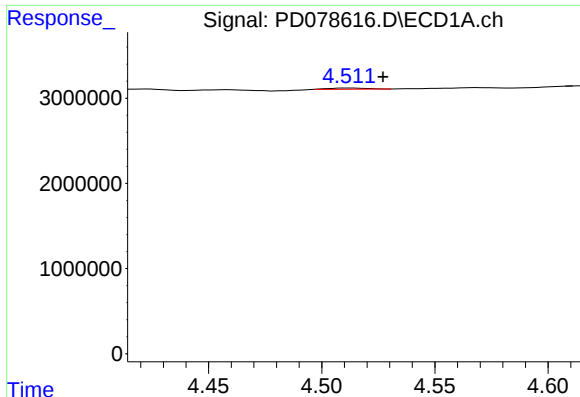
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.030 min
Response: 268013
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

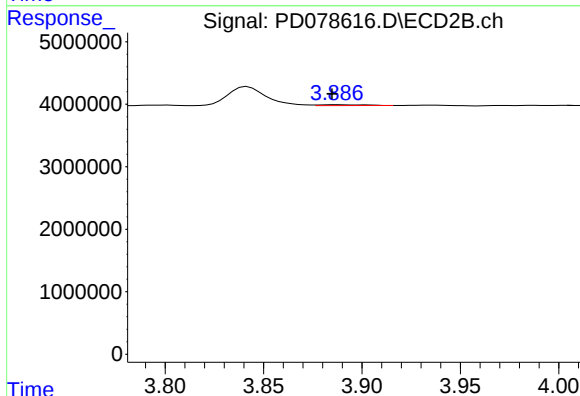
R.T.: 3.598 min
Delta R.T.: 0.010 min
Response: 237571
Conc: 0.08 ng/ml



#6 beta-BHC

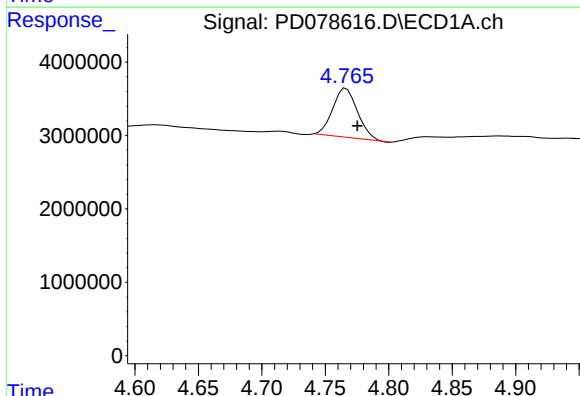
R.T.: 4.513 min
Delta R.T.: -0.014 min
Response: 154170
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



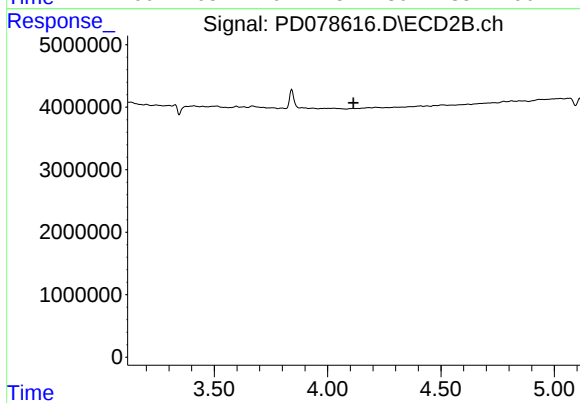
#6 beta-BHC

R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 213966
Conc: 0.19 ng/ml



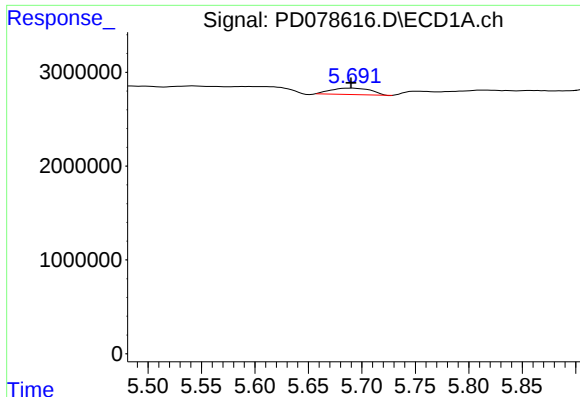
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: -0.009 min
Response: 9090432
Conc: 2.02 ng/ml



#7 delta-BHC

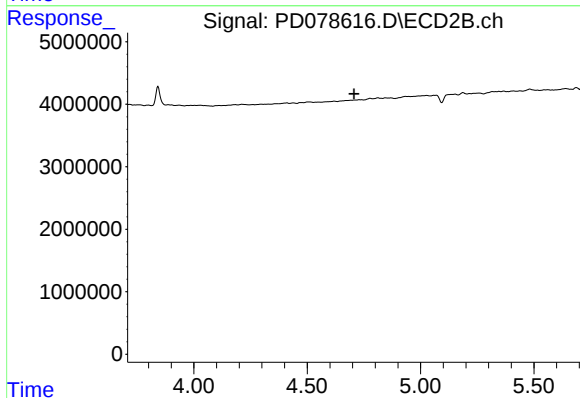
R.T.: 0.000 min
Exp R.T.: 4.114 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

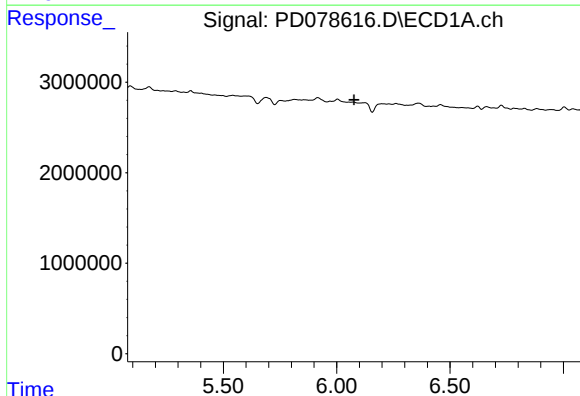
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 1730793
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



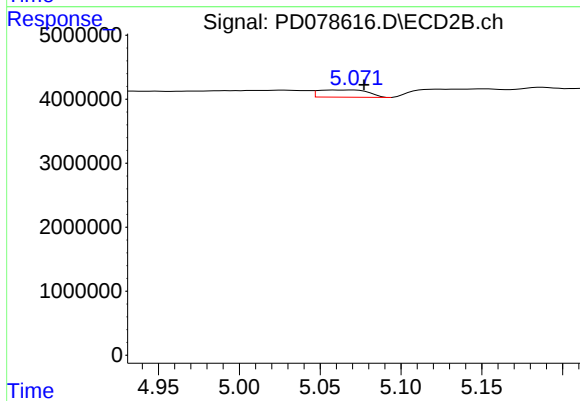
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



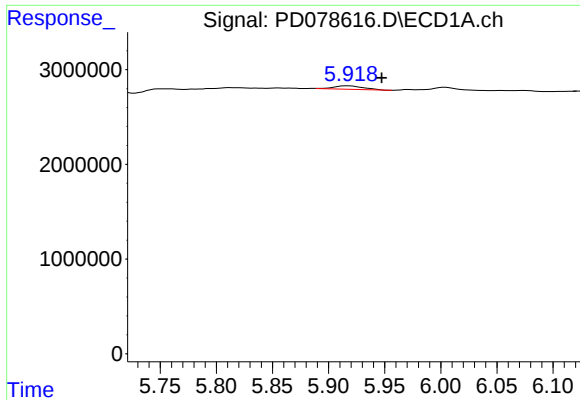
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.



#9 Endosulfan I

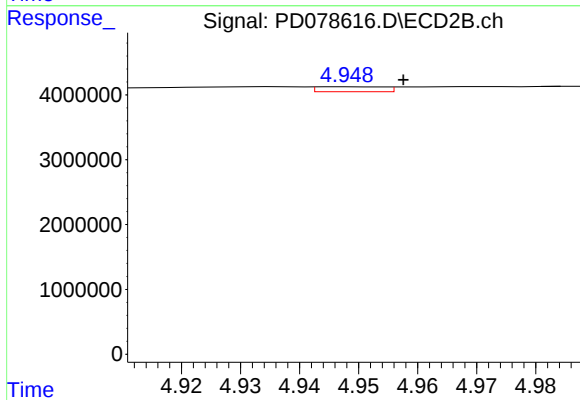
R.T.: 5.059 min
Delta R.T.: -0.018 min
Response: 2416127
Conc: 0.96 ng/ml



#10 gamma-Chlordane

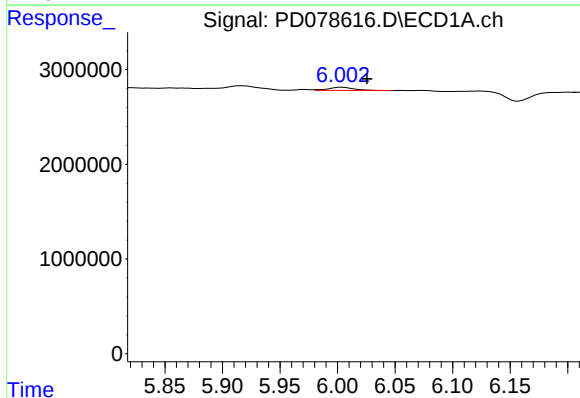
R.T.: 5.917 min
Delta R.T.: -0.030 min
Response: 657900
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



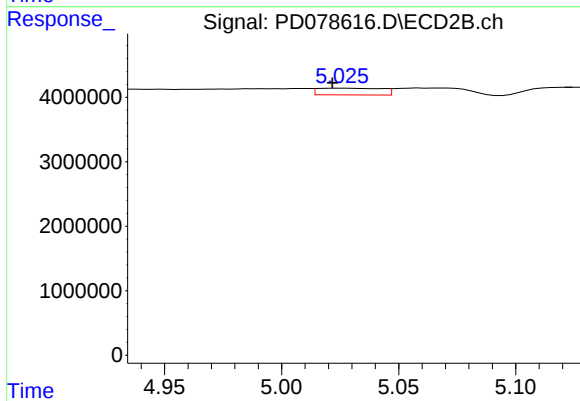
#10 gamma-Chlordane

R.T.: 4.948 min
Delta R.T.: -0.010 min
Response: 607626
Conc: 0.23 ng/ml



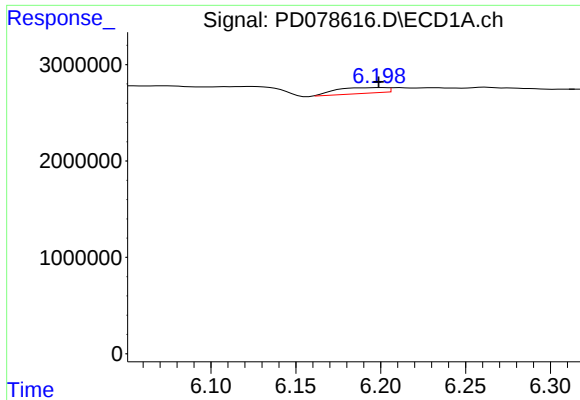
#11 alpha-Chlordane

R.T.: 6.004 min
Delta R.T.: -0.022 min
Response: 524112
Conc: 0.12 ng/ml



#11 alpha-Chlordane

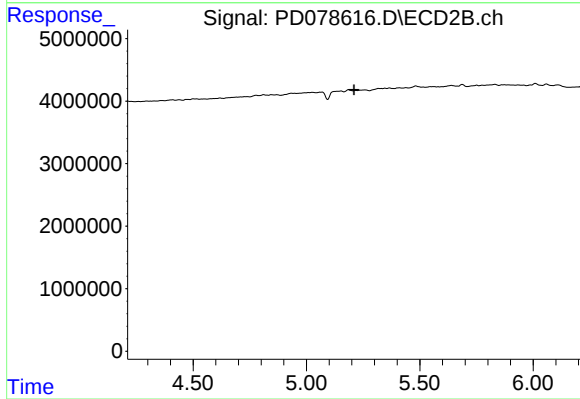
R.T.: 5.026 min
Delta R.T.: 0.004 min
Response: 1975299
Conc: 0.74 ng/ml



#12 4,4'-DDE

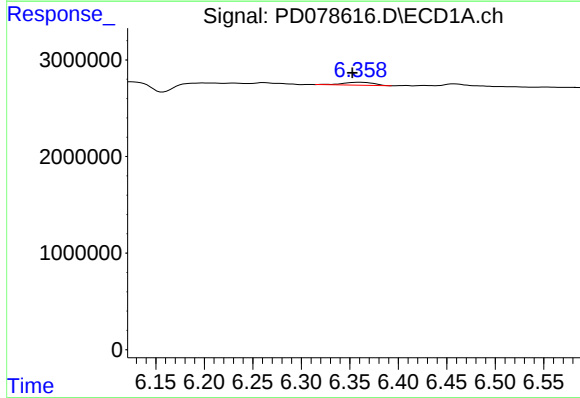
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 1226444
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



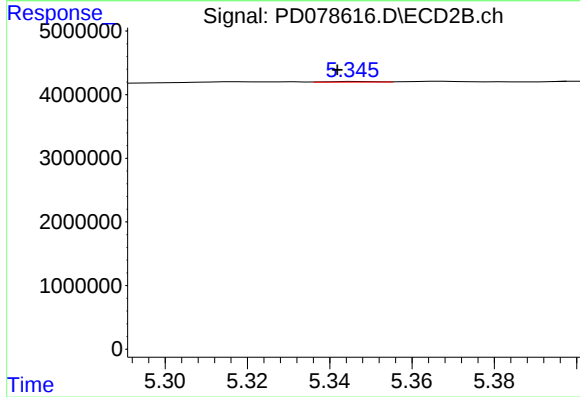
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



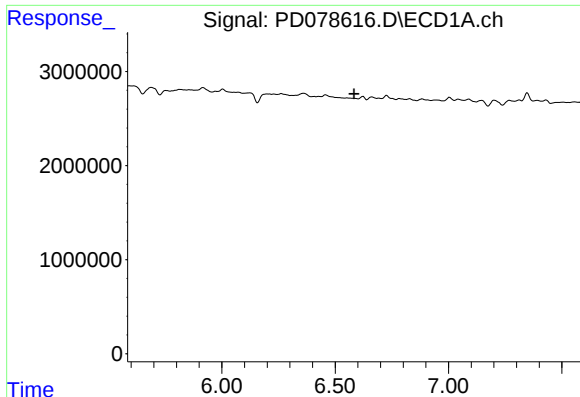
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 685539
Conc: 0.16 ng/ml



#13 Dieldrin

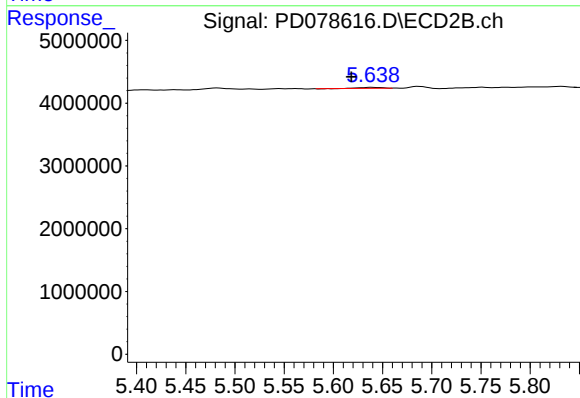
R.T.: 5.346 min
Delta R.T.: 0.005 min
Response: 78973
Conc: 0.03 ng/ml



#14 Endrin

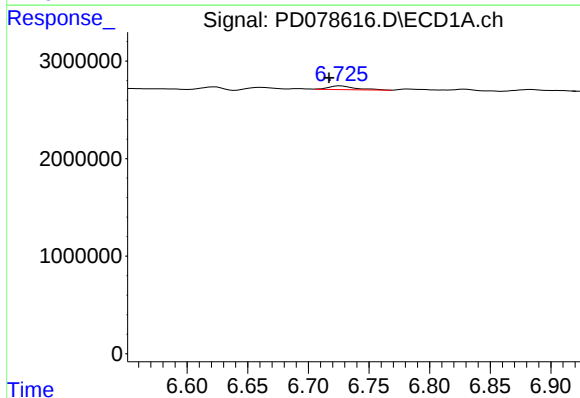
R.T.: 0.000 min
Exp R.T.: 6.583 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



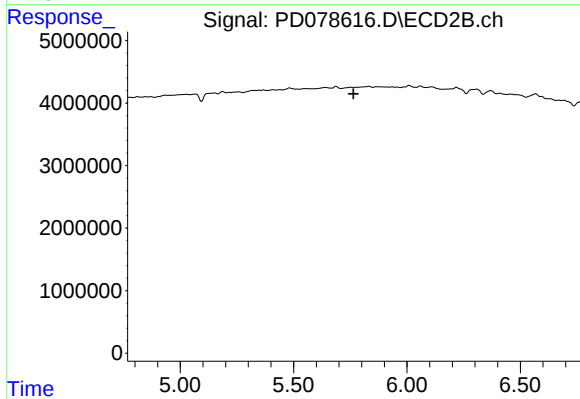
#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.021 min
Response: 237133
Conc: 0.10 ng/ml



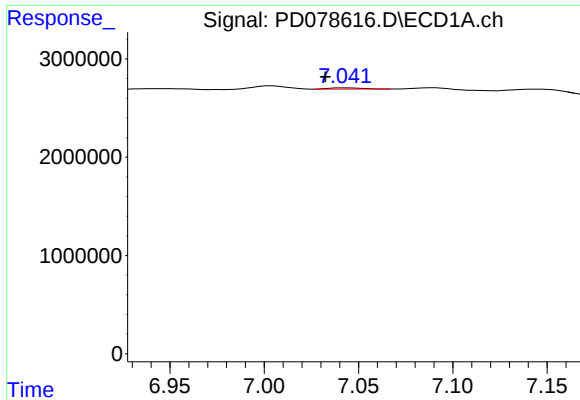
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.010 min
Response: 577811
Conc: 0.19 ng/ml



#16 4,4'-DDD

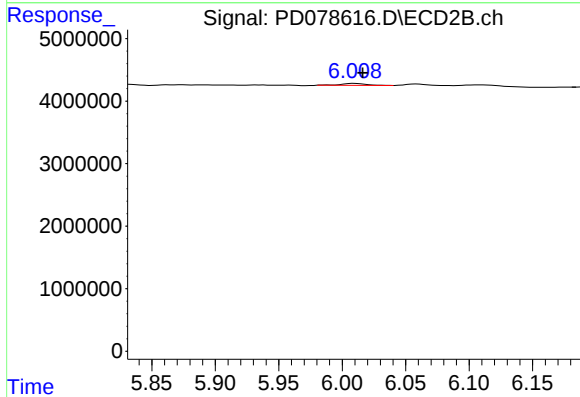
R.T.: 0.000 min
Exp R.T.: 5.765 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

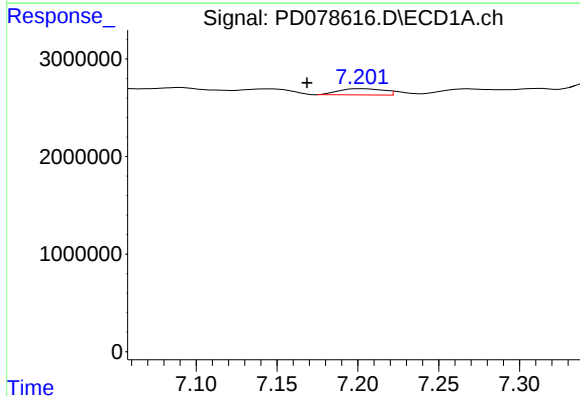
R.T.: 7.043 min
Delta R.T.: 0.010 min
Response: 155768
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



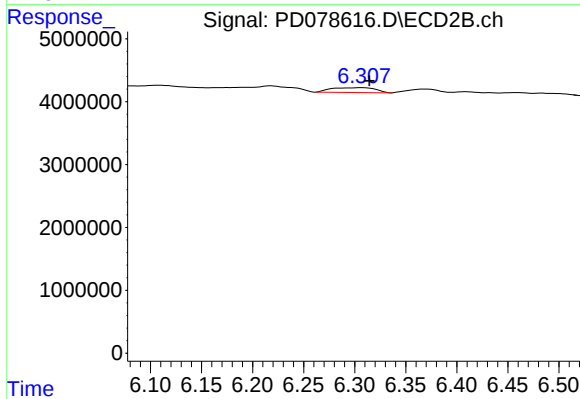
#17 4,4'-DDT

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 414953
Conc: 0.20 ng/ml



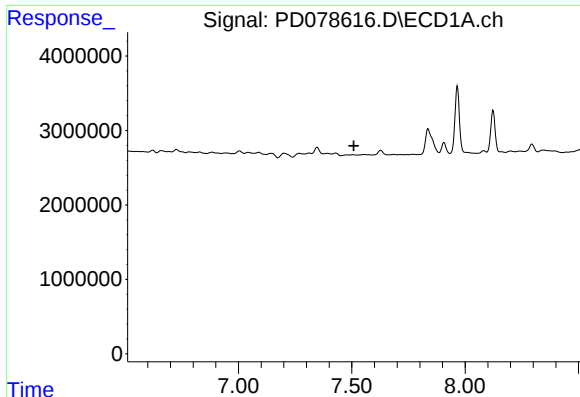
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.033 min
Response: 1236373
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

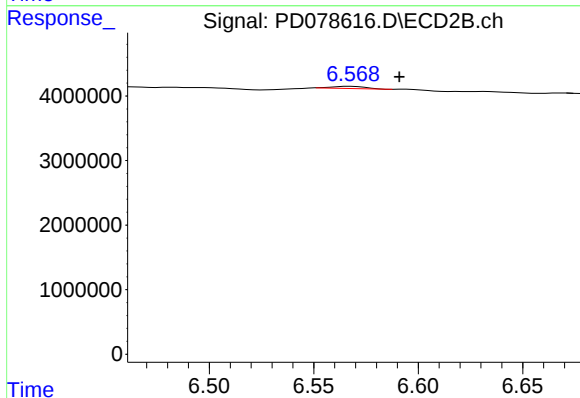
R.T.: 6.308 min
Delta R.T.: -0.007 min
Response: 2313945
Conc: 1.04 ng/ml



#20 Methoxychlor

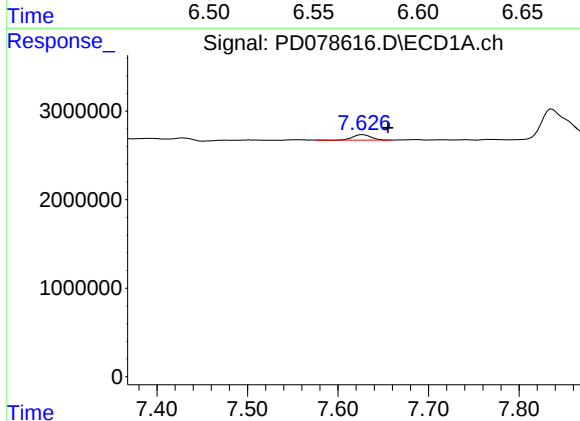
R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



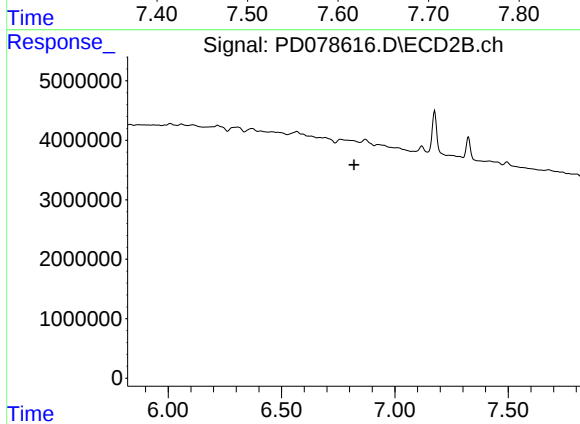
#20 Methoxychlor

R.T.: 6.568 min
Delta R.T.: -0.023 min
Response: 371216
Conc: 0.34 ng/ml



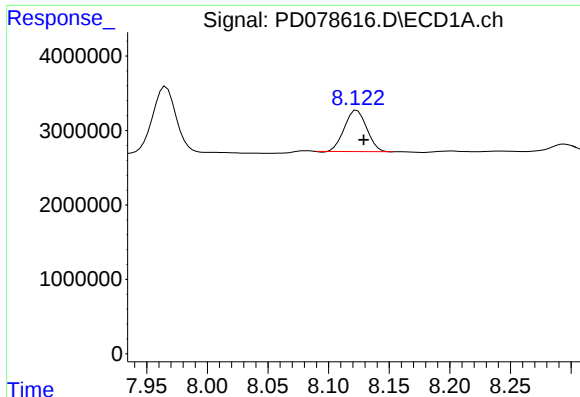
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.028 min
Response: 853800
Conc: 0.24 ng/ml



#21 Endrin ketone

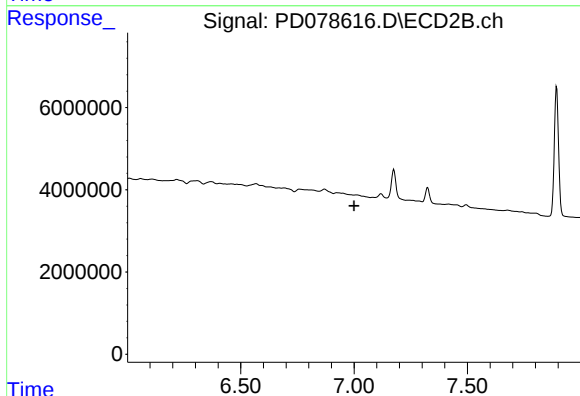
R.T.: 0.000 min
Exp R.T.: 6.820 min
Response: 0
Conc: N.D.



#22 Mirex

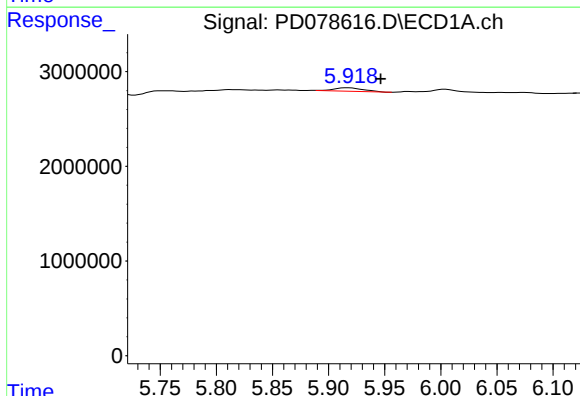
R.T.: 8.123 min
Delta R.T.: -0.005 min
Response: 7127251
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



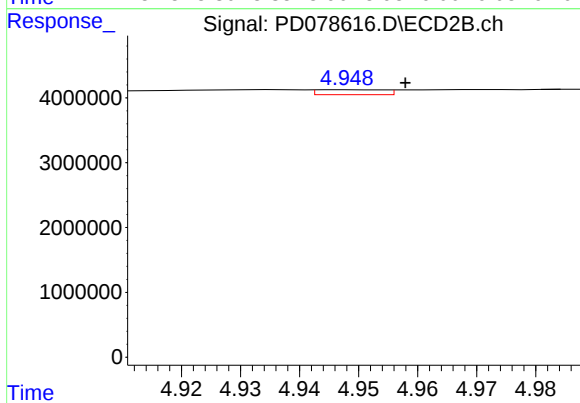
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.001 min
Response: 0
Conc: N.D.



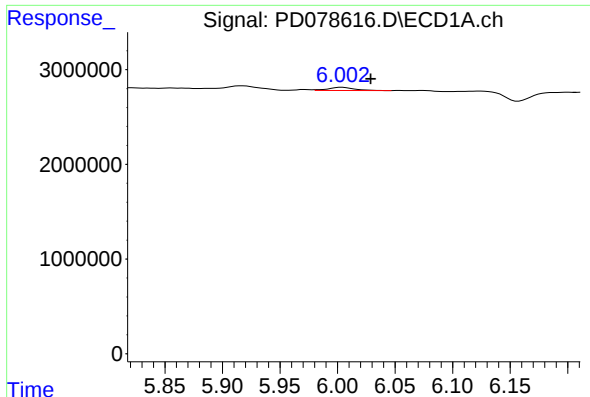
#25 Chlordane-3

R.T.: 5.917 min
Delta R.T.: -0.029 min
Response: 657900
Conc: 1.12 ng/ml



#25 Chlordane-3

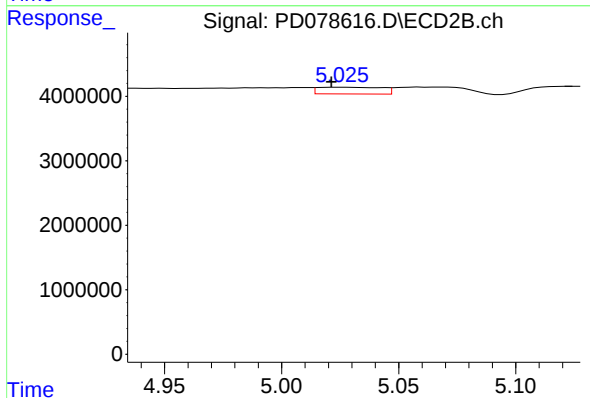
R.T.: 4.948 min
Delta R.T.: -0.010 min
Response: 607626
Conc: 2.36 ng/ml



#26 Chlordane-4

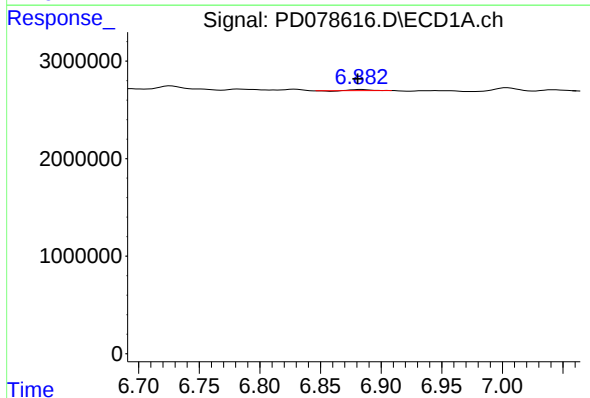
R.T.: 6.004 min
Delta R.T.: -0.025 min
Response: 524112
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



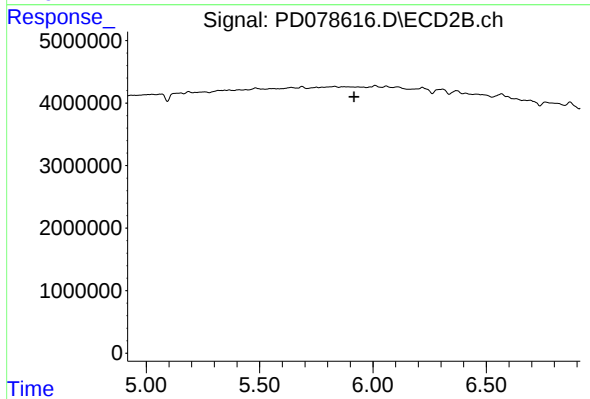
#26 Chlordane-4

R.T.: 5.026 min
Delta R.T.: 0.005 min
Response: 1975299
Conc: 7.87 ng/ml



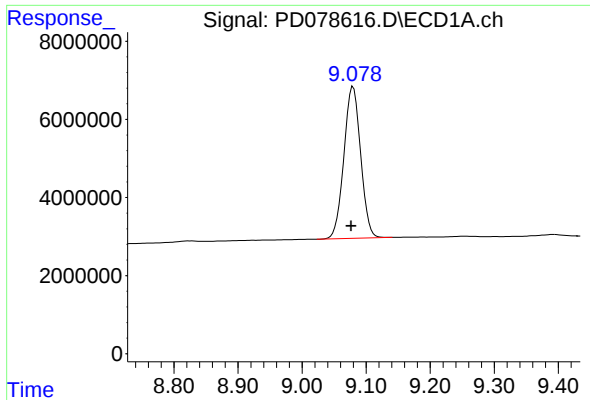
#27 Chlordane-5

R.T.: 6.883 min
Delta R.T.: 0.002 min
Response: 108552
Conc: 0.98 ng/ml



#27 Chlordane-5

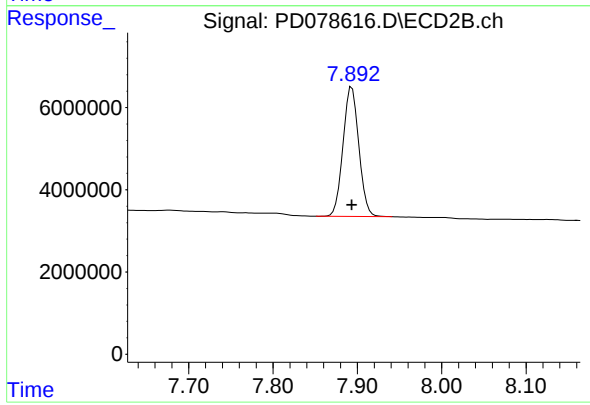
R.T.: 0.000 min
Exp R.T. : 5.917 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.003 min
Response: 70587391
Conc: 19.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
IS5-COMP



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 41067649
Conc: 18.10 ng/ml