

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 17:07
 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: Oct 03 01:28:00 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	51620608	36258108	17.882	17.753
28)	SA Decachlor...	9.077	7.893	67783829	38962860	18.278	17.171
Target Compounds							
2)	A alpha-BHC	3.996	3.258	41847568	25345606	8.617	8.455
3)	MA gamma-BHC...	4.330	3.588	40224792	23737822	8.599	8.193
5)	MB Aldrin	0.000	4.221f	0	189429	N.D.	0.064 #
6)	B beta-BHC	4.527	3.885	18093950	11124569	9.742	9.625
7)	B delta-BHC	4.761	0.000	397549	0	0.088	N.D. #
8)	B Heptachlo...	5.682	0.000	223998	0	0.053	N.D. #
11)	B alpha-Chl...	0.000	5.047f	0	580654	N.D.	0.216 #
12)	B 4,4'-DDE	6.199	5.213	599300	609520	0.150	0.240 #
13)	MA Dieldrin	6.376f	0.000	212990	0	0.051	N.D. #
14)	MA Endrin	6.583	5.618	148.4E6	106.6E6	44.203	43.087
15)	B Endosulfa...	6.815	5.927f	1377425	428218	0.383	0.180 #
16)	A 4,4'-DDD	6.718	5.768	1905614	1063481	0.640	0.537
17)	MA 4,4'-DDT	7.032	6.016	299.6E6	203.3E6	101.231	99.864
18)	B Endrin al...	6.933	6.092	2717731	3471963	1.017	1.873 #
20)	A Methoxychlor	7.508	6.591	398.1E6	254.7E6	238.534	233.444
21)	B Endrin ke...	7.654	6.820	6239771	4950722	1.737	1.886
24)	Chlordane-2	0.000	4.305f	0	127852	N.D.	1.651 #
26)	Chlordane-4	0.000	5.047f	0	580654	N.D.	2.312 #
27)	Chlordane-5	0.000	5.927	0	428218	N.D.	4.983 #

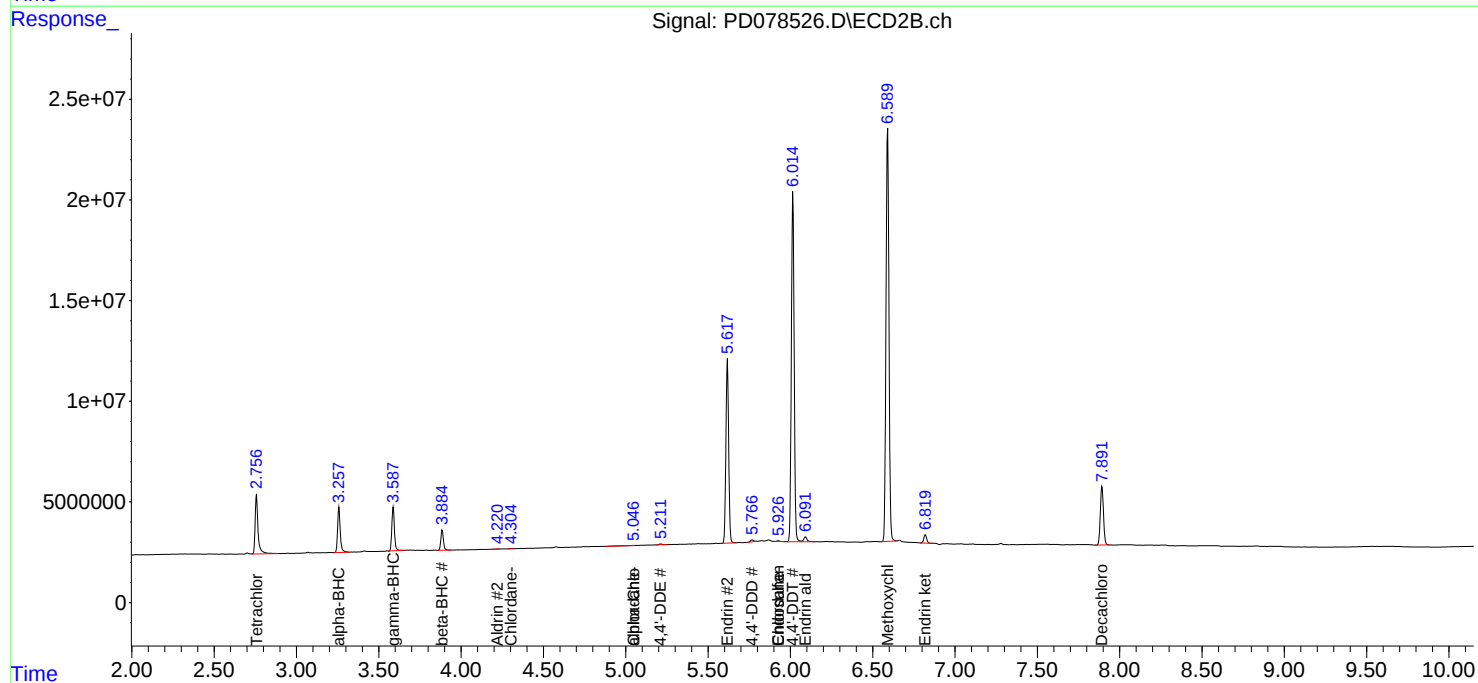
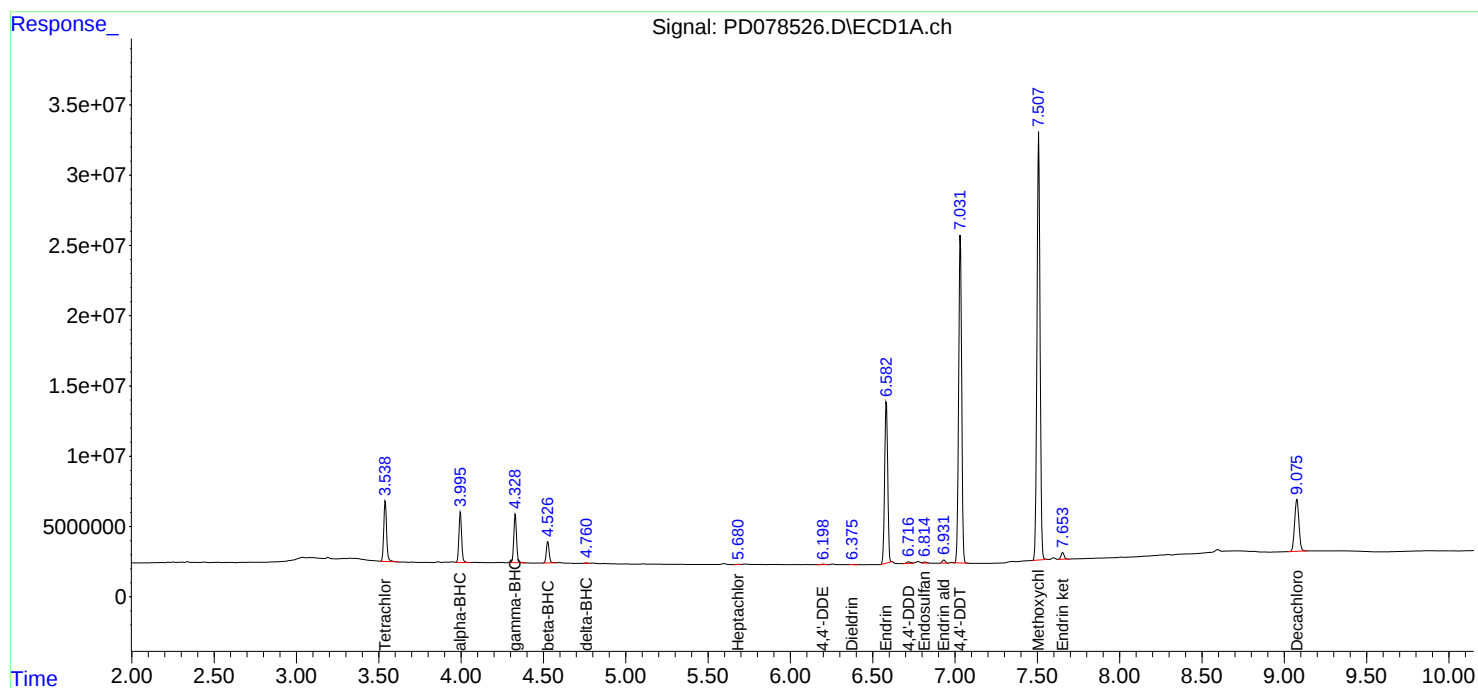
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

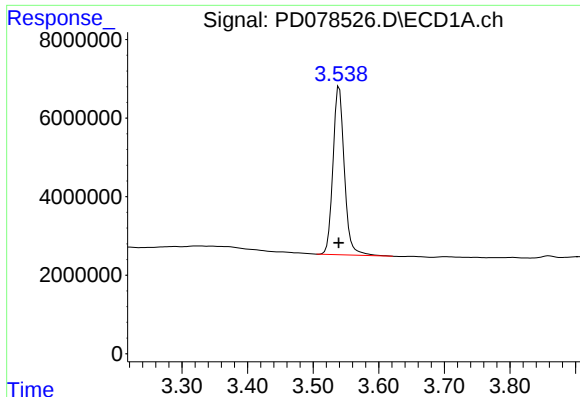
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ALS Vial : 3 Sample Multiplier: 1

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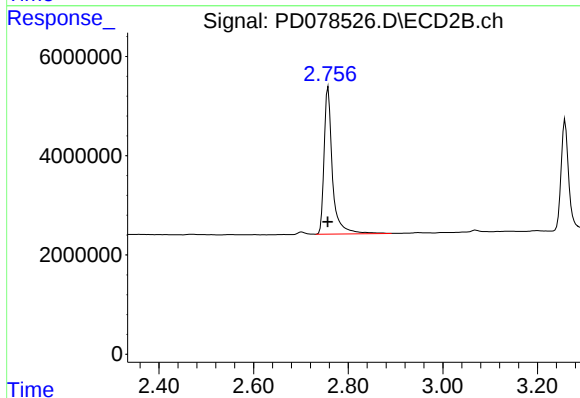




#1 Tetrachloro-m-xylene

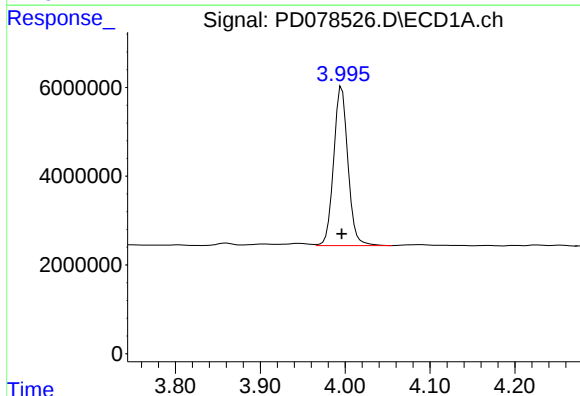
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 51620608
Conc: 17.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



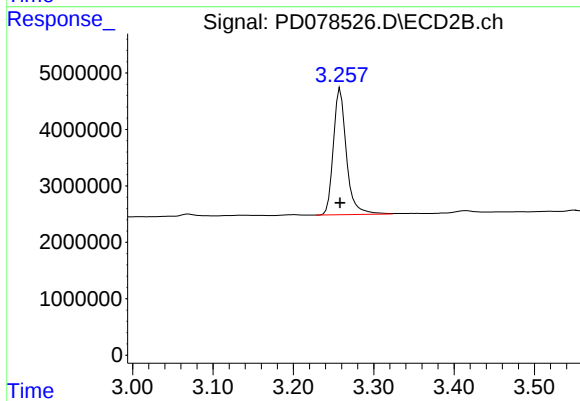
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 36258108
Conc: 17.75 ng/ml



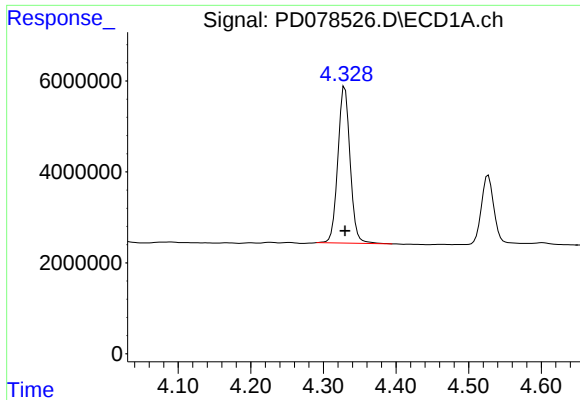
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 41847568
Conc: 8.62 ng/ml



#2 alpha-BHC

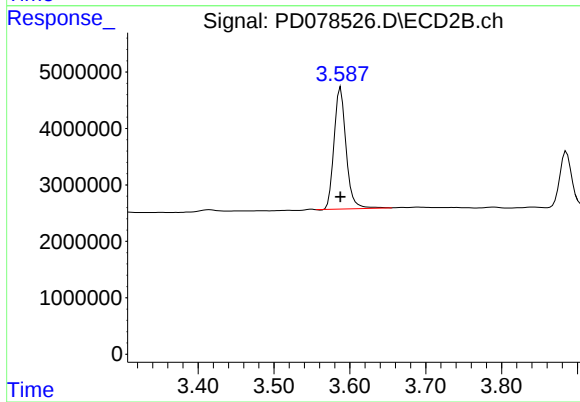
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 25345606
Conc: 8.46 ng/ml



#3 gamma-BHC (Lindane)

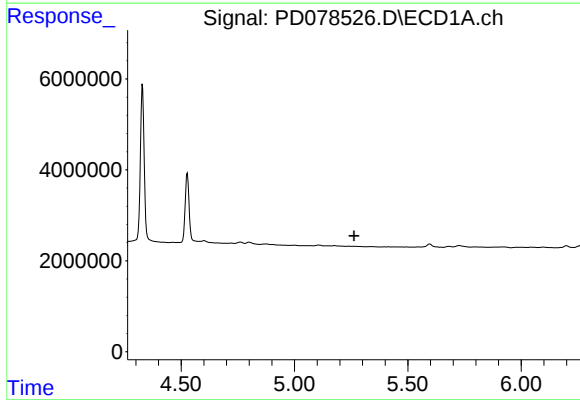
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 40224792
Conc: 8.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



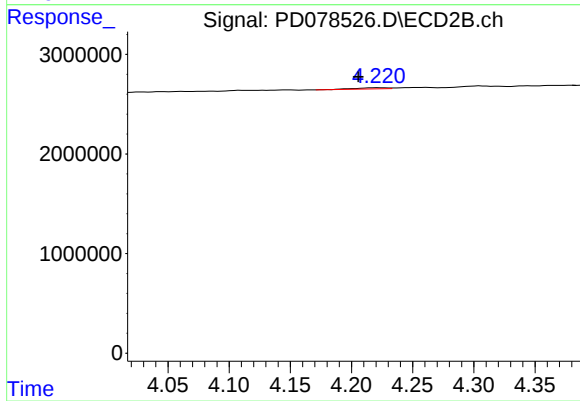
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 23737822
Conc: 8.19 ng/ml



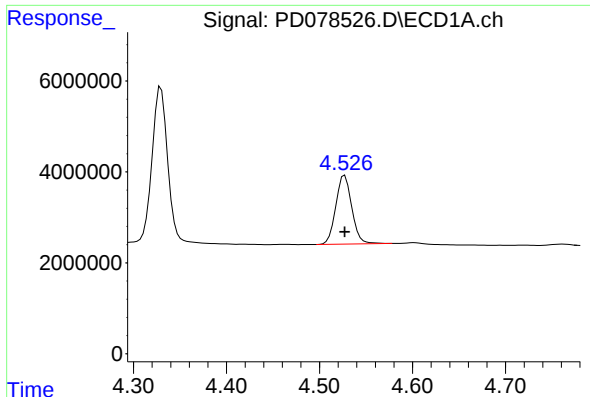
#5 Aldrin

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



#5 Aldrin

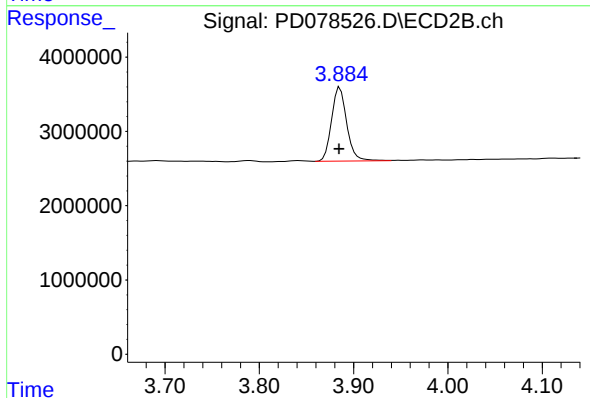
R.T.: 4.221 min
Delta R.T.: 0.015 min
Response: 189429
Conc: 0.06 ng/ml



#6 beta-BHC

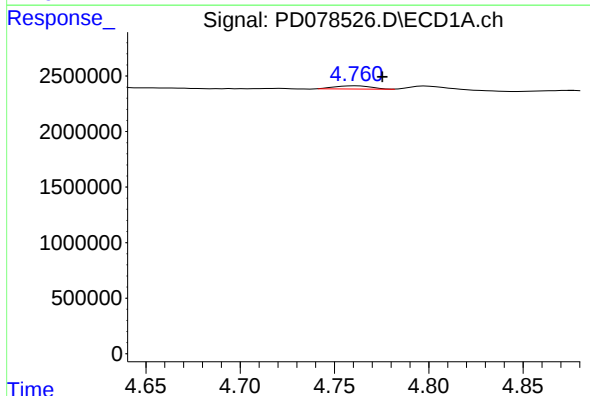
R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 18093950
Conc: 9.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



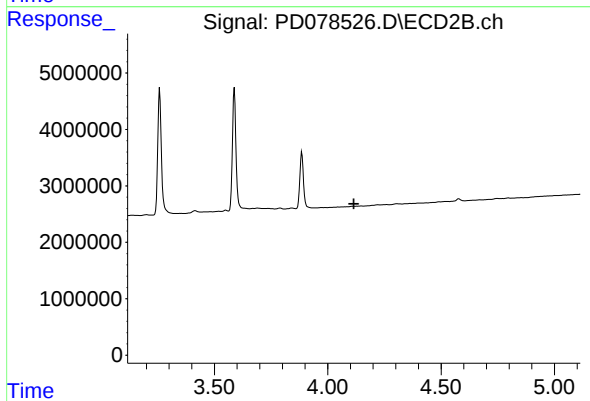
#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 11124569
Conc: 9.63 ng/ml



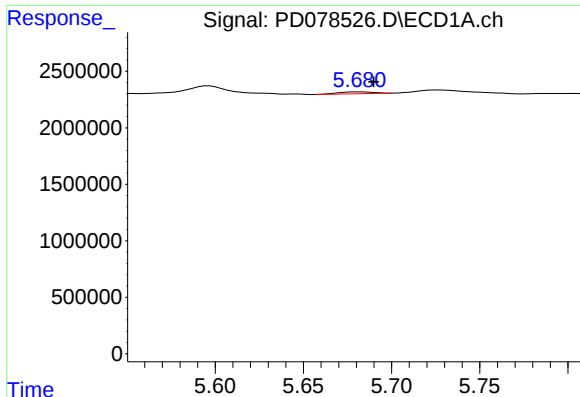
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: -0.014 min
Response: 397549
Conc: 0.09 ng/ml



#7 delta-BHC

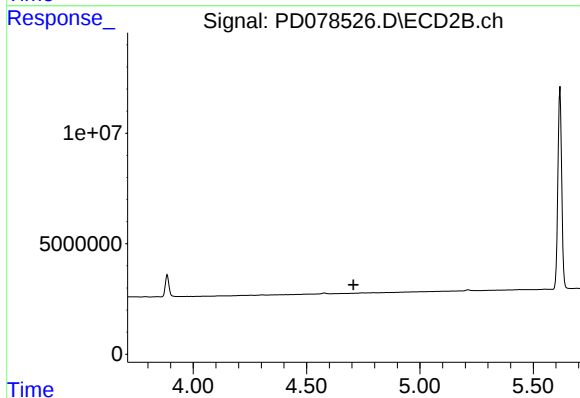
R.T.: 0.000 min
Exp R.T. : 4.114 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

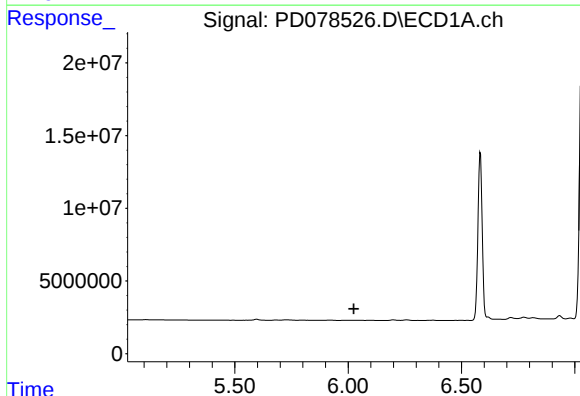
R.T.: 5.682 min
Delta R.T.: -0.008 min
Response: 223998
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



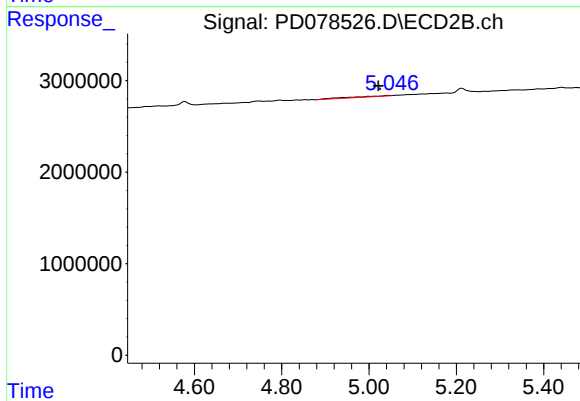
#8 Heptachlor epoxide

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



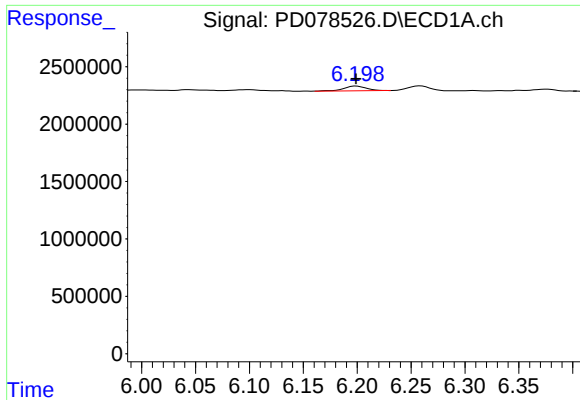
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

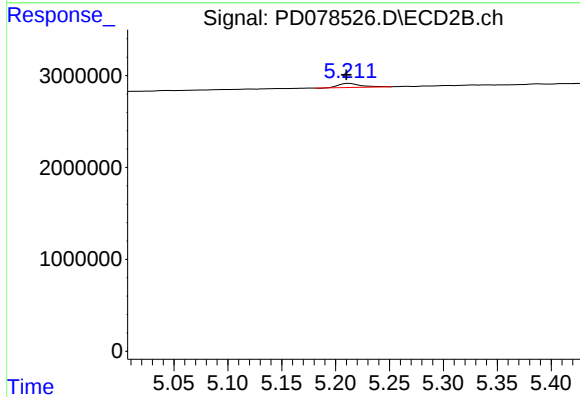
R.T.: 5.047 min
Delta R.T.: 0.025 min
Response: 580654
Conc: 0.22 ng/ml



#12 4,4'-DDE

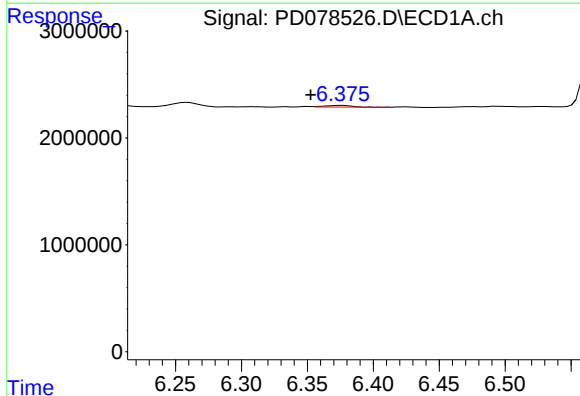
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 599300
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



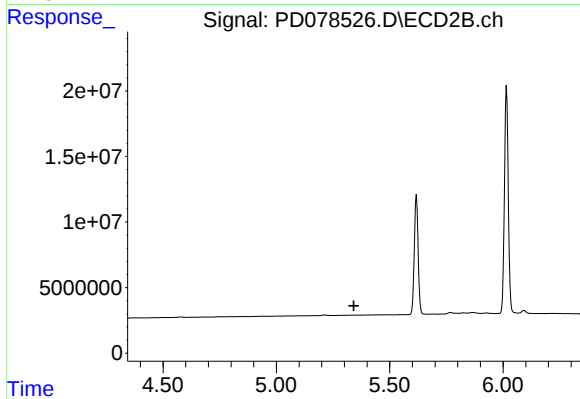
#12 4,4'-DDE

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 609520
Conc: 0.24 ng/ml



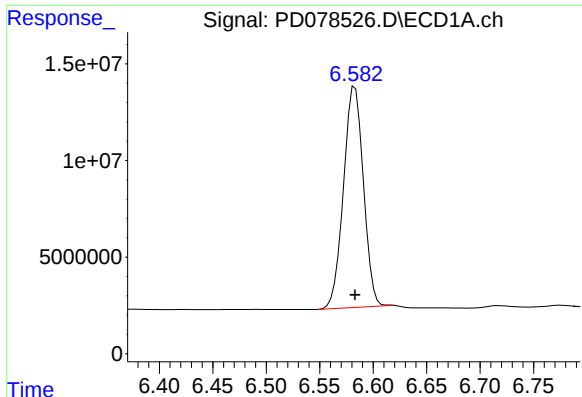
#13 Dieldrin

R.T.: 6.376 min
Delta R.T.: 0.024 min
Response: 212990
Conc: 0.05 ng/ml



#13 Dieldrin

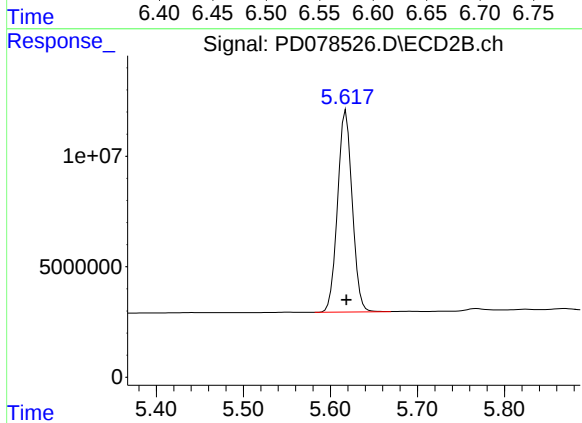
R.T.: 0.000 min
Exp R.T. : 5.342 min
Response: 0
Conc: N.D.



#14 Endrin

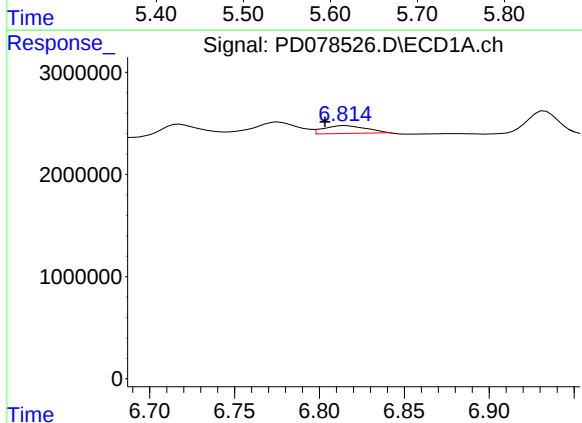
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 148447987
Conc: 44.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



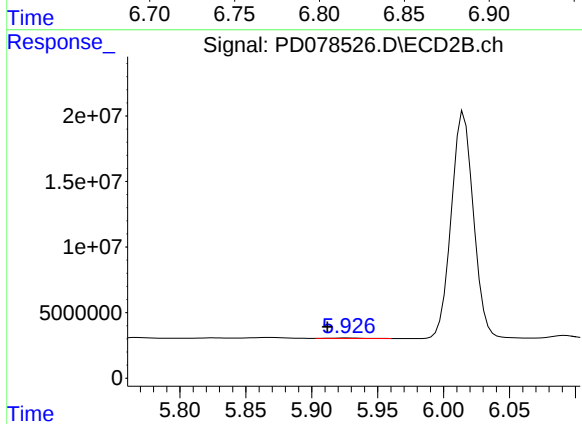
#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 106606705
Conc: 43.09 ng/ml



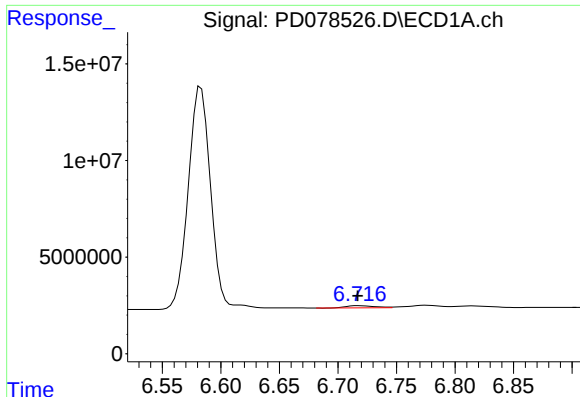
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.012 min
Response: 1377425
Conc: 0.38 ng/ml



#15 Endosulfan II

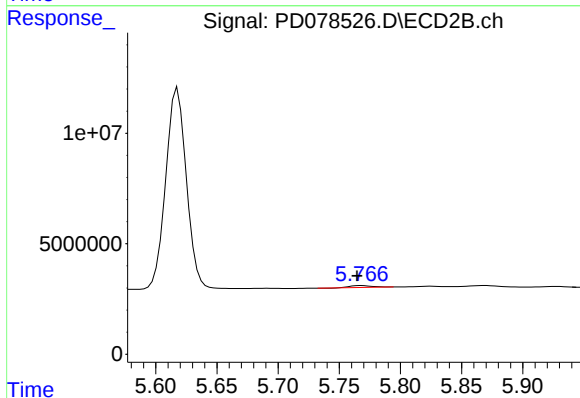
R.T.: 5.927 min
Delta R.T.: 0.016 min
Response: 428218
Conc: 0.18 ng/ml



#16 4,4'-DDD

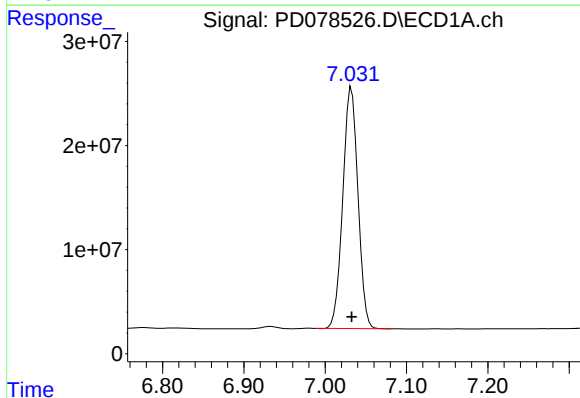
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 1905614
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



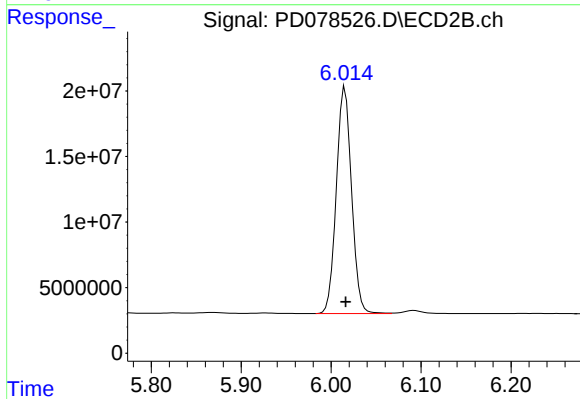
#16 4,4'-DDD

R.T.: 5.768 min
Delta R.T.: 0.003 min
Response: 1063481
Conc: 0.54 ng/ml



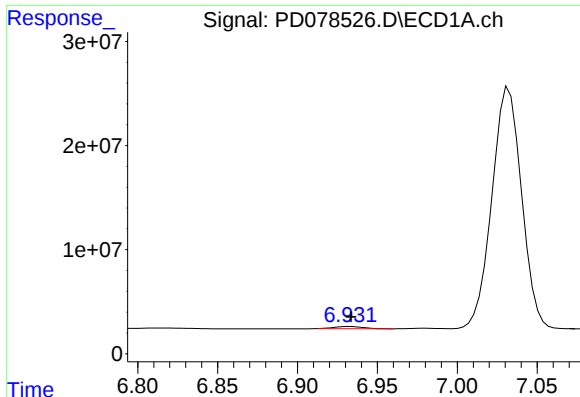
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 299574423
Conc: 101.23 ng/ml



#17 4,4'-DDT

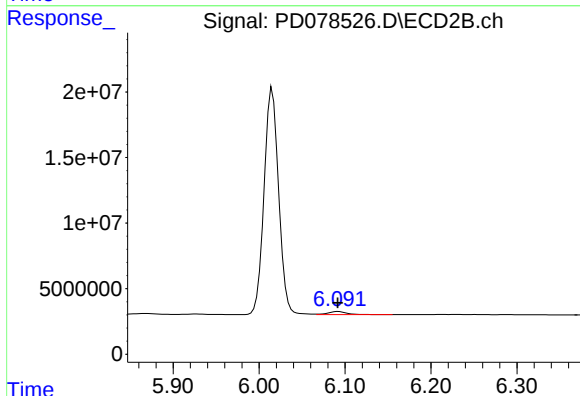
R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 203273390
Conc: 99.86 ng/ml



#18 Endrin aldehyde

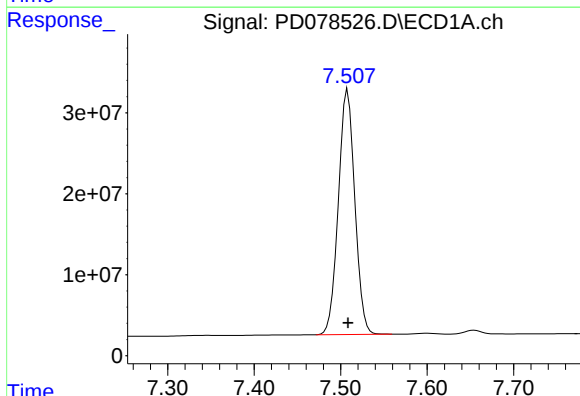
R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2717731
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



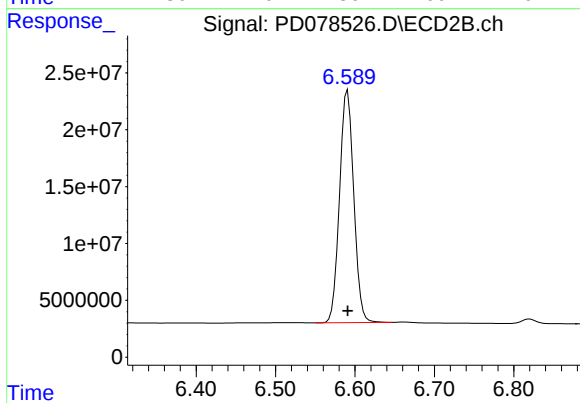
#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 3471963
Conc: 1.87 ng/ml



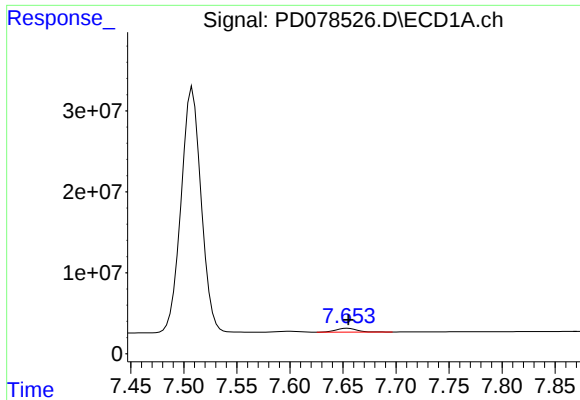
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 398095502
Conc: 238.53 ng/ml



#20 Methoxychlor

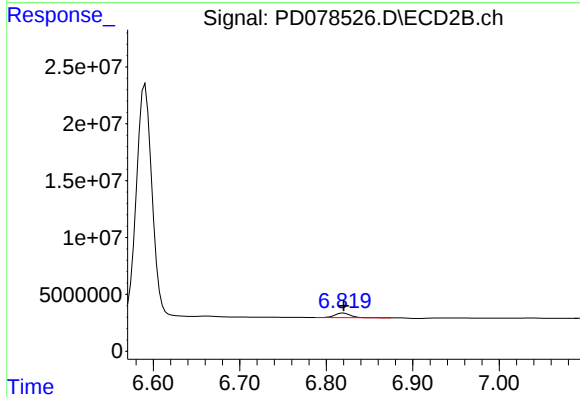
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 254693740
Conc: 233.44 ng/ml



#21 Endrin ketone

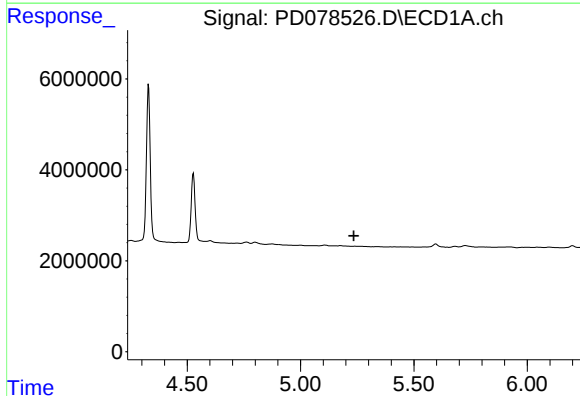
R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 6239771
Conc: 1.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



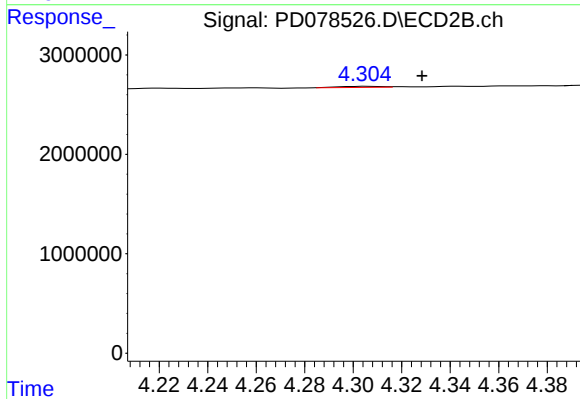
#21 Endrin ketone

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 4950722
Conc: 1.89 ng/ml



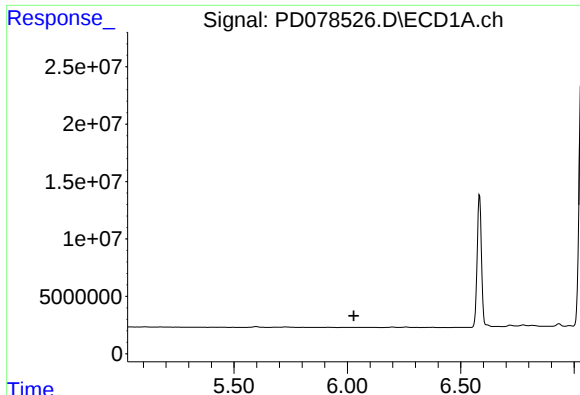
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.235 min
Response: 0
Conc: N.D.



#24 Chlordane-2

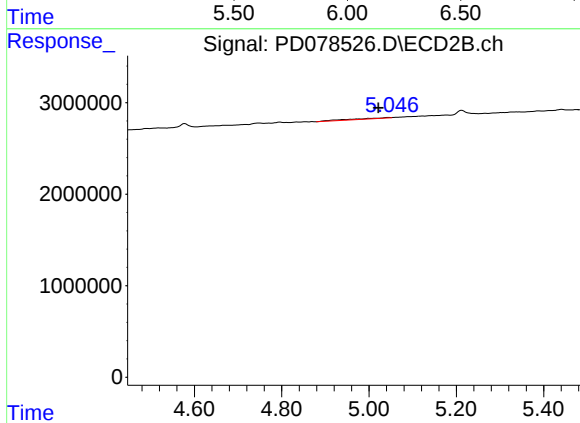
R.T.: 4.305 min
Delta R.T.: -0.023 min
Response: 127852
Conc: 1.65 ng/ml



#26 Chlordane-4

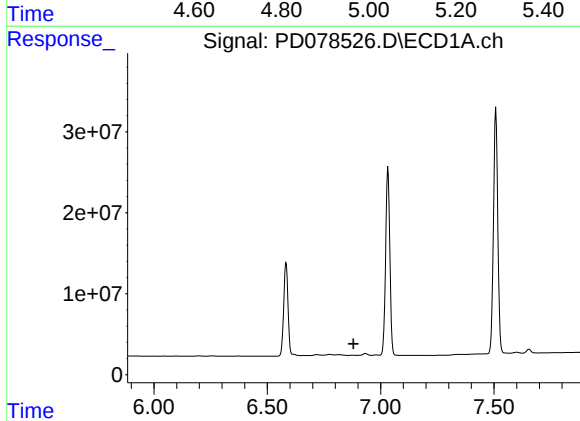
R.T.: 0.000 min
Exp R.T.: 6.029 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



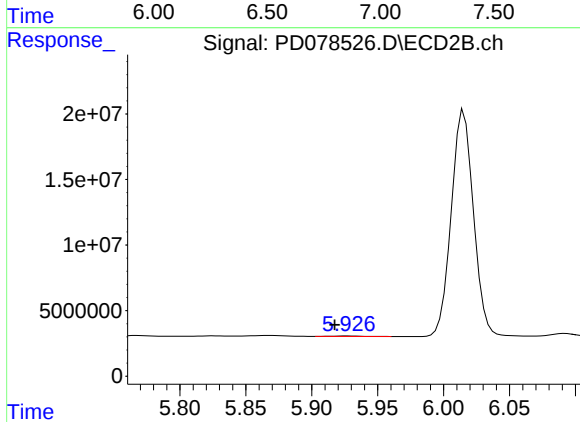
#26 Chlordane-4

R.T.: 5.047 min
Delta R.T.: 0.026 min
Response: 580654
Conc: 2.31 ng/ml



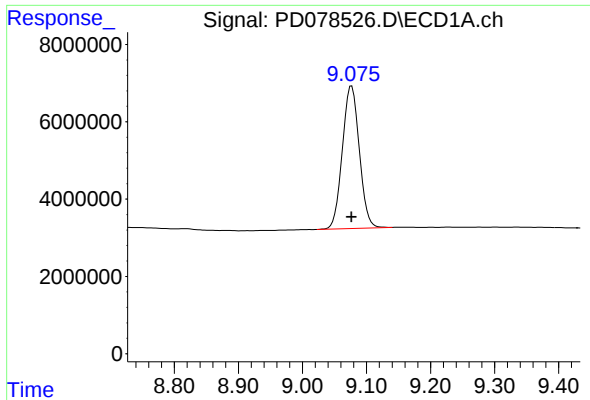
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.



#27 Chlordane-5

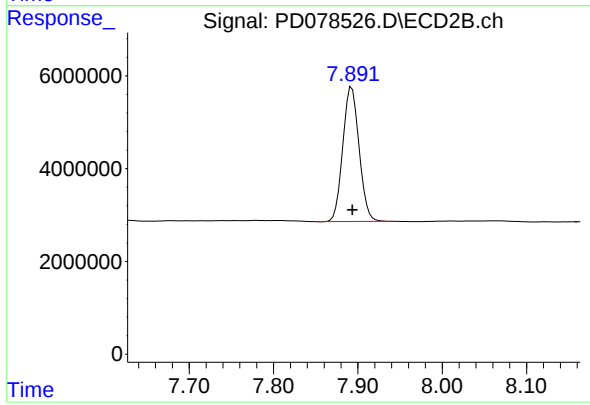
R.T.: 5.927 min
Delta R.T.: 0.010 min
Response: 428218
Conc: 4.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 67783829
Conc: 18.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 38962860
Conc: 17.17 ng/ml