

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 15:11
 Operator : AR\AJ
 Sample : Q3032-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-PILE-2

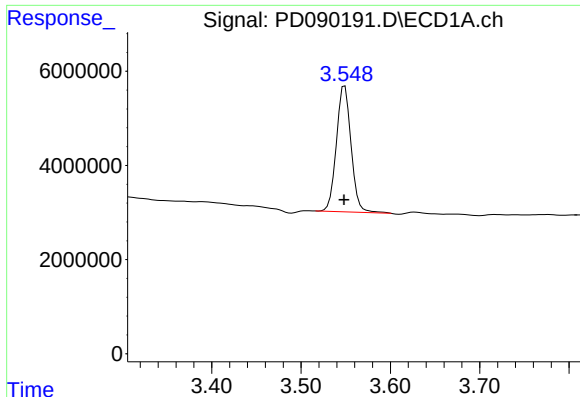
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:42:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.549	2.878	30544516	276.1E6	10.408	12.520
28)	SA Decachlor...	9.070	8.064	35762388	125.7E6	8.286	4.855 #
Target Compounds							
2)	A alpha-BHC	3.974f	3.377	256507	8844973	0.043	0.261 #
3)	MA gamma-BHC...	4.339	3.705f	3029338	11824034	0.529	0.379 #
4)	MA Heptachlor	0.000	4.089	0	173.9E6	N.D.	5.576 #
5)	MB Aldrin	5.290f	4.371	12964291	19868183	2.394	0.652 #
6)	B beta-BHC	4.544f	4.017	2900918	46283251	1.293	3.472 #
7)	B delta-BHC	0.000	4.272	0	78171986	N.D.	2.478 #
8)	B Heptachlo...	5.681	4.859	8208929	25544903	1.673	0.922 #
9)	A Endosulfan I	0.000	5.263f	0	65417439	N.D.	2.495 #
10)	B gamma-Chl...	5.942	5.120	8668524	86328762	1.772	2.915 #
11)	B alpha-Chl...	6.028	5.184	13146797	241.3E6	2.671	8.455 #
12)	B 4,4'-DDE	6.194	5.369	11070205	141.9E6	2.523	4.922 #
13)	MA Dieldrin	6.343	5.503	-644226	132.3E6	N.D.	4.518
14)	MA Endrin	6.570	5.788	1221876	59595107	0.295	2.238 #
15)	B Endosulfa...	6.796	6.062	981341	6323121	0.233	0.250
16)	A 4,4'-DDD	6.701	5.923	14785272	101.7E6	4.274	4.232
17)	MA 4,4'-DDT	7.018	6.176	65588619	425.8E6	17.216	16.983
18)	B Endrin al...	6.929f	6.272f	425685	10650475	0.148	0.618 #
19)	B Endosulfa...	7.142	6.473	1007368	5426738	0.257	0.223
20)	A Methoxychlor	7.505	6.727f	-21386	13104879	N.D.	1.016
21)	B Endrin ke...	7.615	0.000	2005530	0	0.484	N.D. #
22)	Mirex	0.000	7.180	0	5820790	N.D.	0.282 #
23)	Chlordane-1	4.717	3.898	1673409	147.9E6	9.744	166.376 #
24)	Chlordane-2	5.238	4.503f	836970	13633879	4.755	14.232 #
25)	Chlordane-3	5.942	5.120	8668524	86328762	12.782	31.155 #
26)	Chlordane-4	6.028	5.184	13146797	241.3E6	15.835	100.243 #
27)	Chlordane-5	6.871	6.062f	-742561	6323121	N.D.	5.748

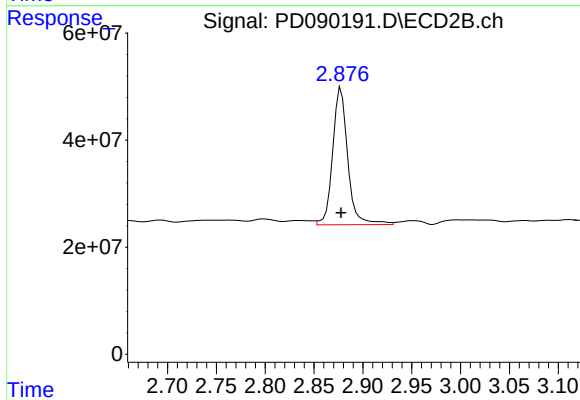
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

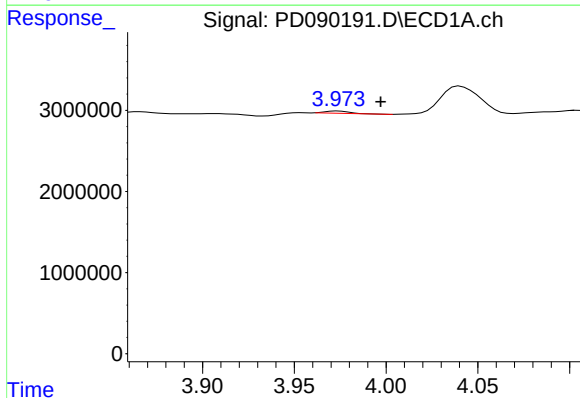
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 30544516
Conc: 10.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



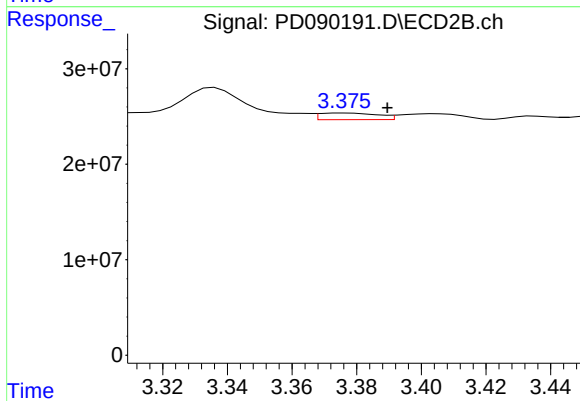
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 276066558
Conc: 12.52 ng/ml



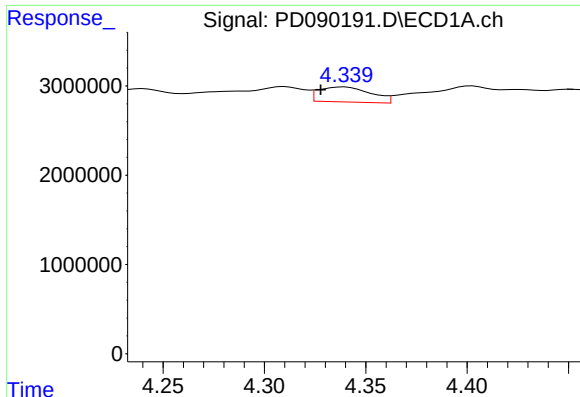
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.023 min
Response: 256507
Conc: 0.04 ng/ml



#2 alpha-BHC

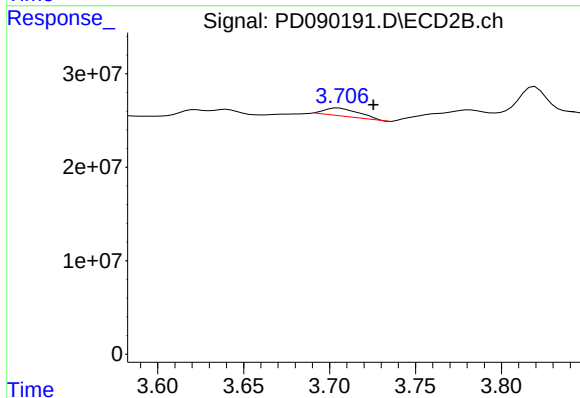
R.T.: 3.377 min
Delta R.T.: -0.013 min
Response: 8844973
Conc: 0.26 ng/ml



#3 gamma-BHC (Lindane)

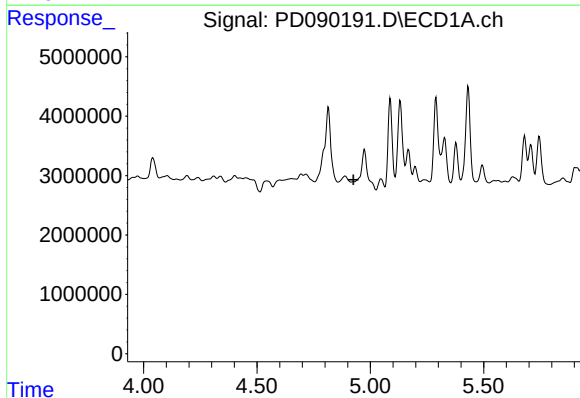
R.T.: 4.339 min
Delta R.T.: 0.012 min
Response: 3029338
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



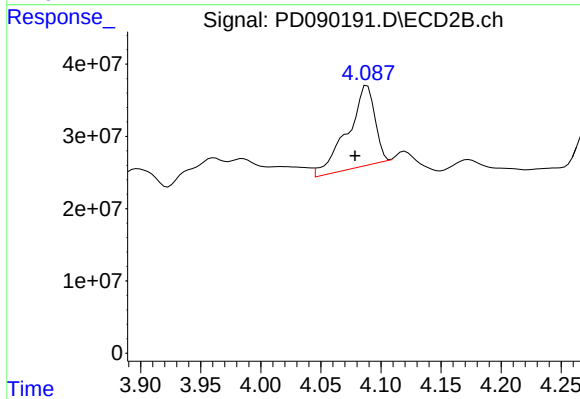
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: -0.020 min
Response: 11824034
Conc: 0.38 ng/ml



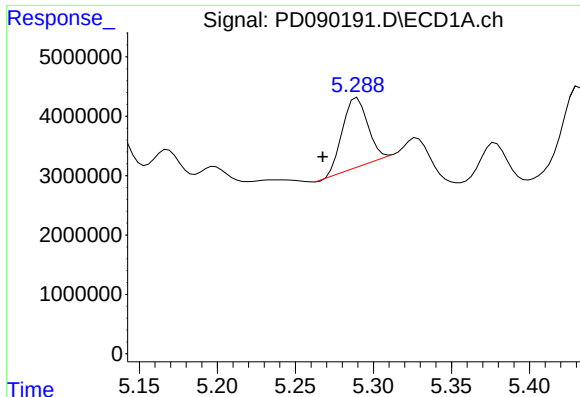
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

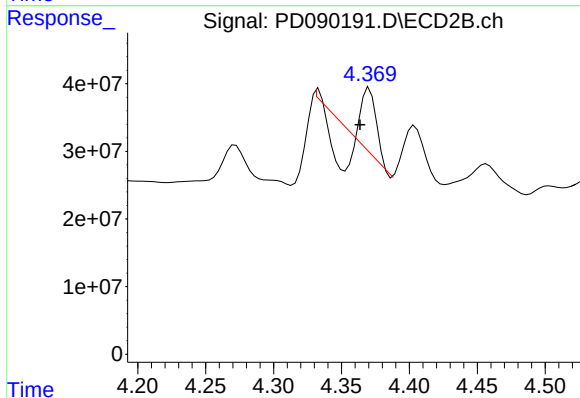
R.T.: 4.089 min
Delta R.T.: 0.010 min
Response: 173910662
Conc: 5.58 ng/ml



#5 Aldrin

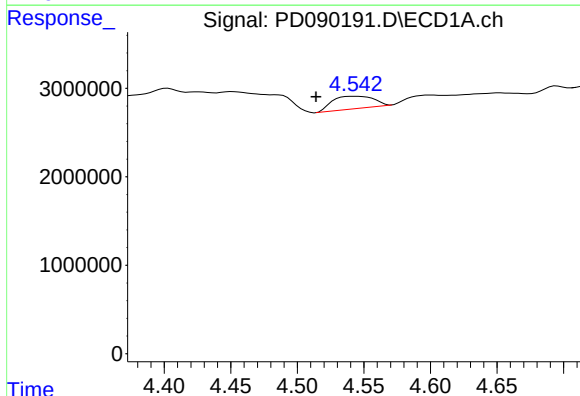
R.T.: 5.290 min
Delta R.T.: 0.022 min
Response: 12964291
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



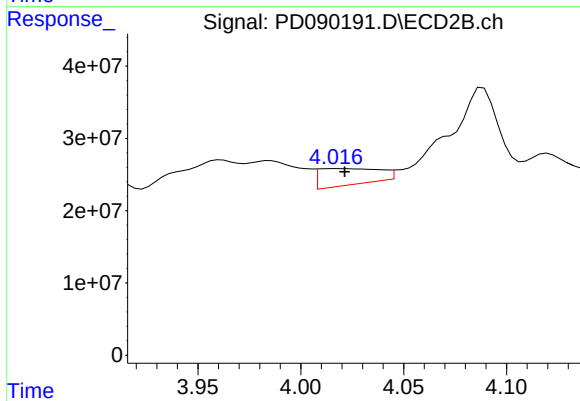
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: 0.007 min
Response: 19868183
Conc: 0.65 ng/ml



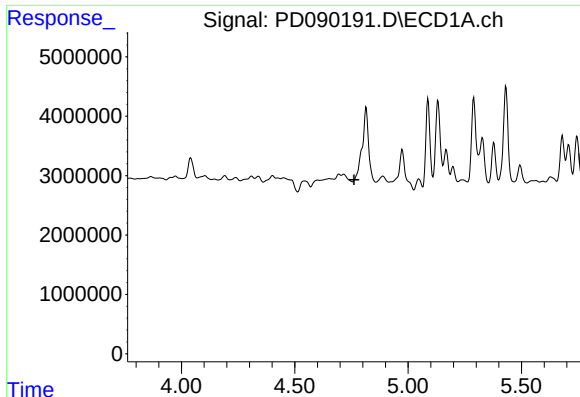
#6 beta-BHC

R.T.: 4.544 min
Delta R.T.: 0.030 min
Response: 2900918
Conc: 1.29 ng/ml



#6 beta-BHC

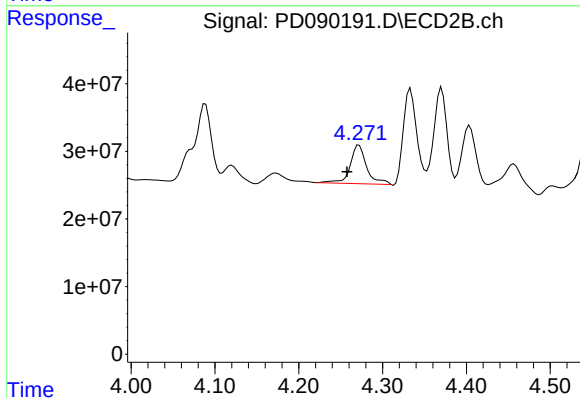
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 46283251
Conc: 3.47 ng/ml



#7 delta-BHC

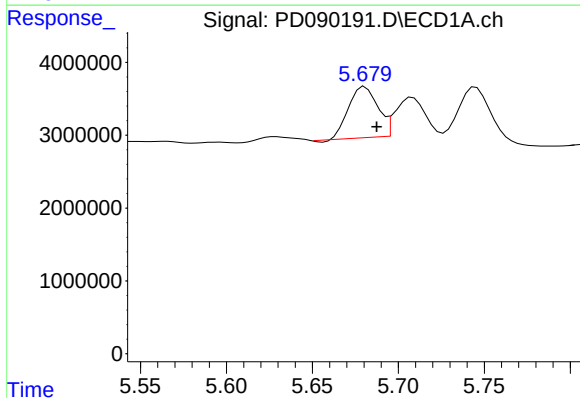
R.T.: 0.000 min
Exp R.T.: 4.762 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



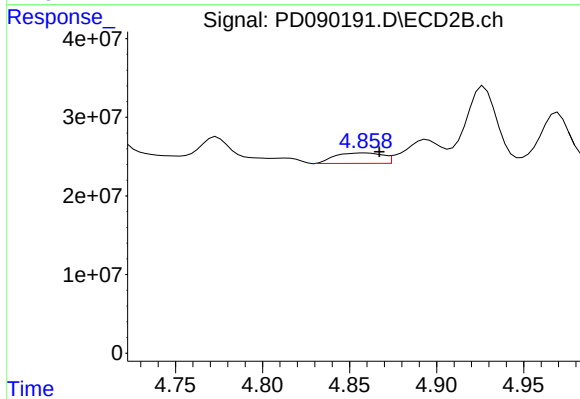
#7 delta-BHC

R.T.: 4.272 min
Delta R.T.: 0.014 min
Response: 78171986
Conc: 2.48 ng/ml



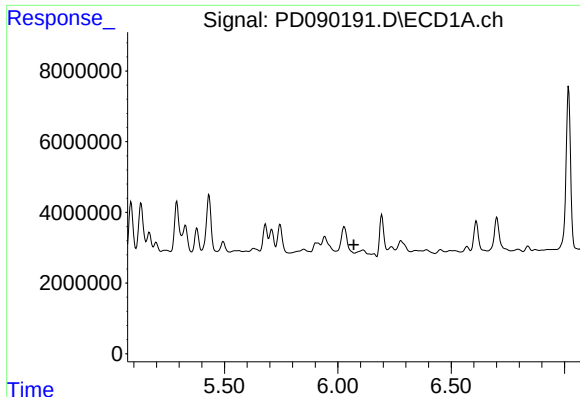
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.007 min
Response: 8208929
Conc: 1.67 ng/ml



#8 Heptachlor epoxide

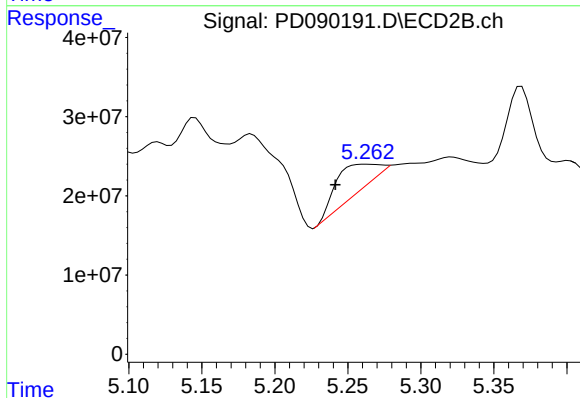
R.T.: 4.859 min
Delta R.T.: -0.008 min
Response: 25544903
Conc: 0.92 ng/ml



#9 Endosulfan I

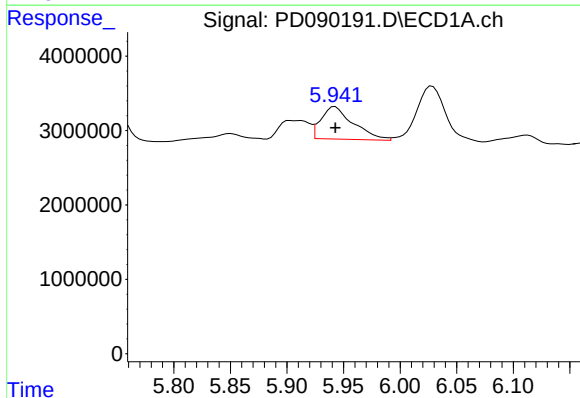
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



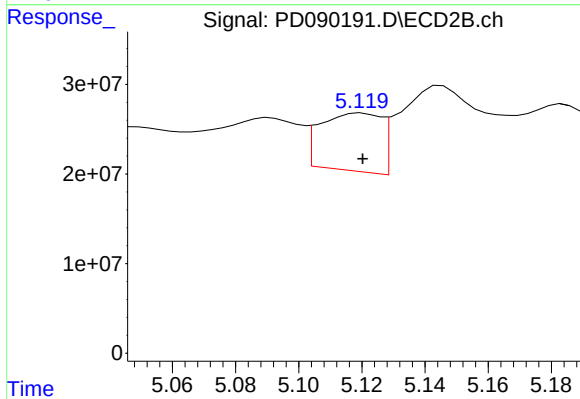
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: 0.022 min
Response: 65417439
Conc: 2.49 ng/ml



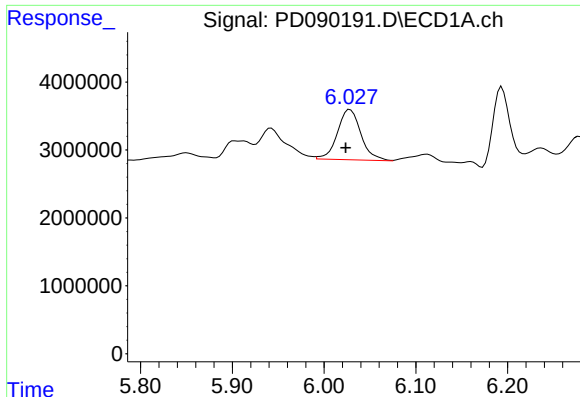
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 8668524
Conc: 1.77 ng/ml



#10 gamma-Chlordane

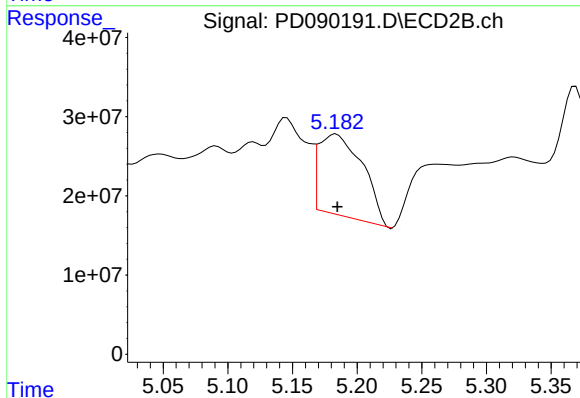
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 86328762
Conc: 2.92 ng/ml



#11 alpha-Chlordane

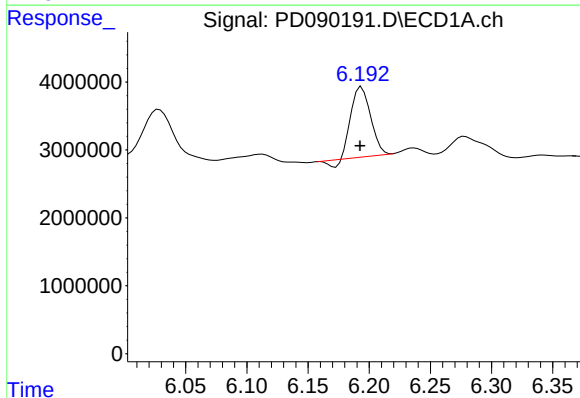
R.T.: 6.028 min
Delta R.T.: 0.005 min
Response: 13146797
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



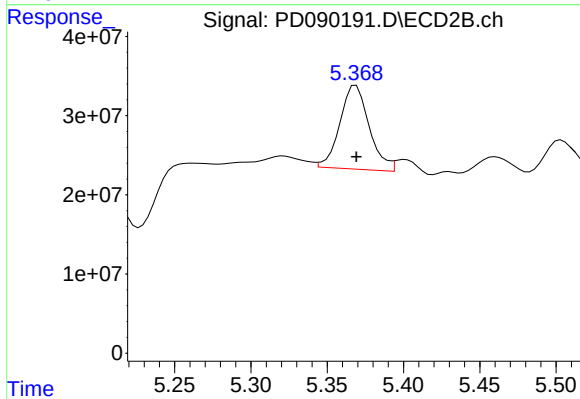
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 241276771
Conc: 8.45 ng/ml



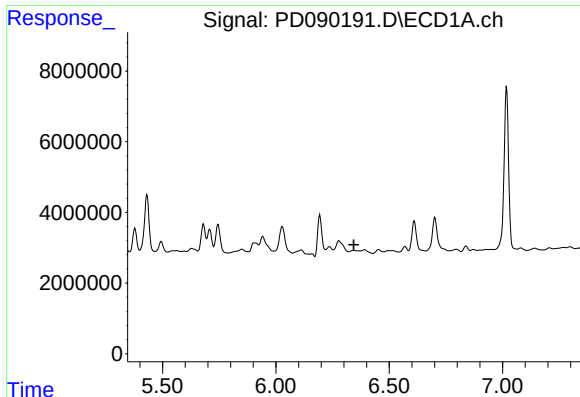
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 11070205
Conc: 2.52 ng/ml



#12 4,4'-DDE

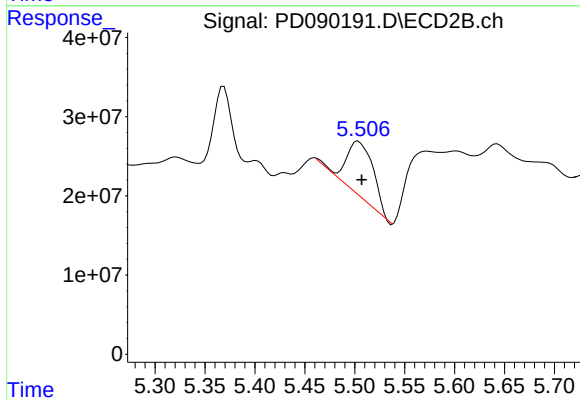
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 141866051
Conc: 4.92 ng/ml



#13 Dieldrin

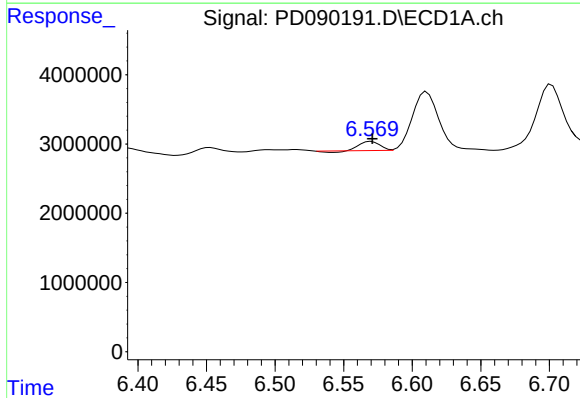
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: -644226
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



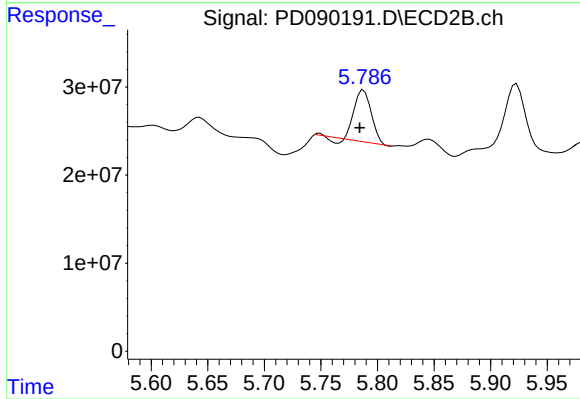
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.004 min
Response: 132316545
Conc: 4.52 ng/ml



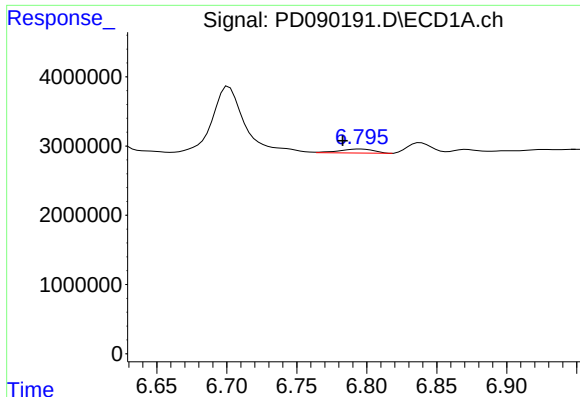
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 1221876
Conc: 0.29 ng/ml



#14 Endrin

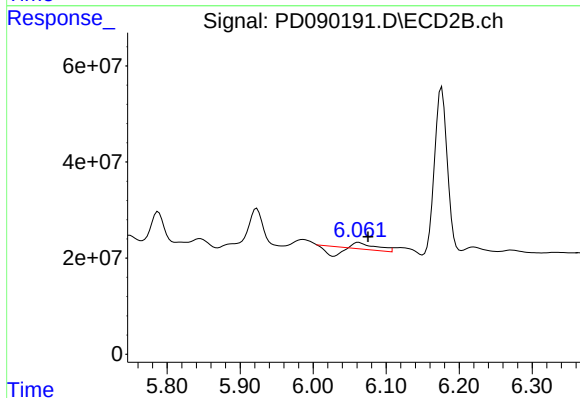
R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 59595107
Conc: 2.24 ng/ml



#15 Endosulfan II

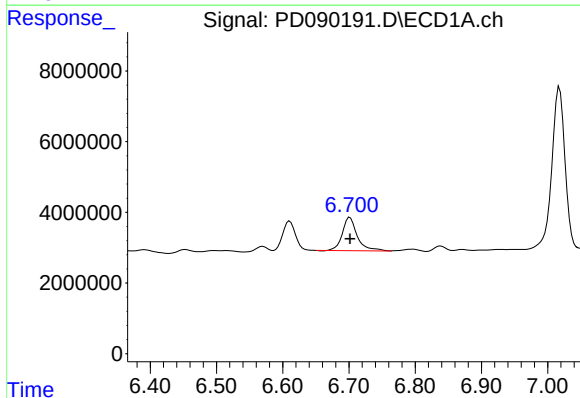
R.T.: 6.796 min
Delta R.T.: 0.013 min
Response: 981341
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



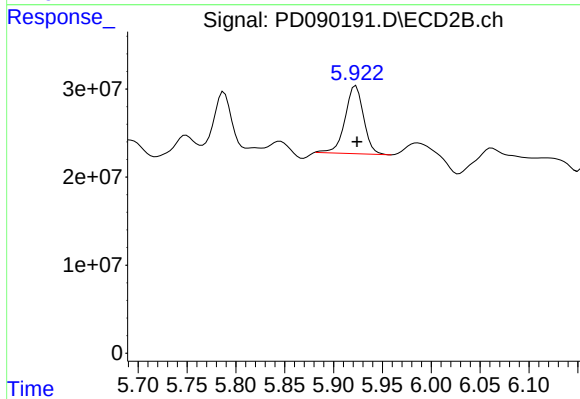
#15 Endosulfan II

R.T.: 6.062 min
Delta R.T.: -0.013 min
Response: 6323121
Conc: 0.25 ng/ml



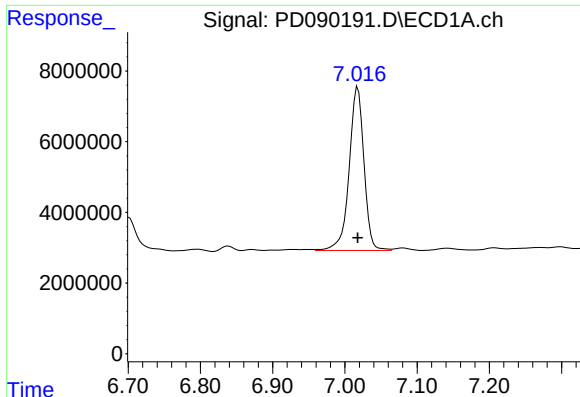
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 14785272
Conc: 4.27 ng/ml



#16 4,4'-DDD

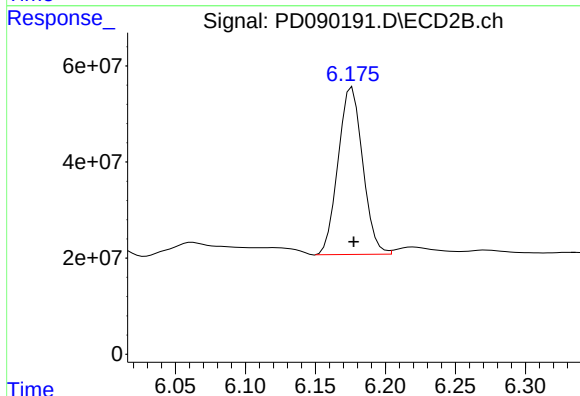
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 101741165
Conc: 4.23 ng/ml



#17 4,4'-DDT

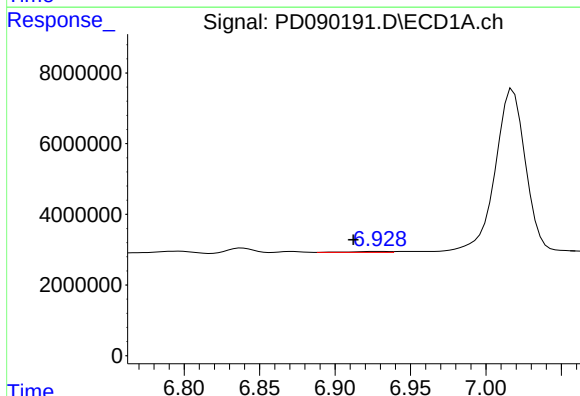
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 65588619
Conc: 17.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



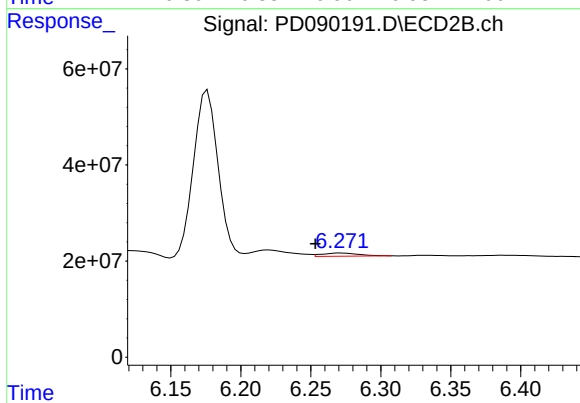
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 425755943
Conc: 16.98 ng/ml



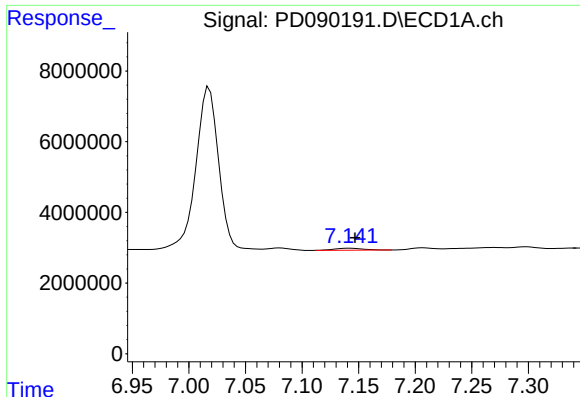
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.016 min
Response: 425685
Conc: 0.15 ng/ml



#18 Endrin aldehyde

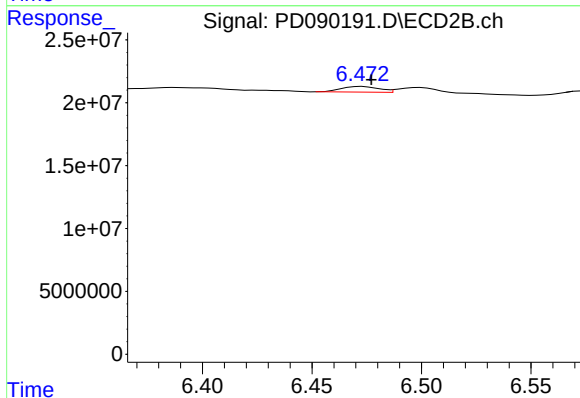
R.T.: 6.272 min
Delta R.T.: 0.019 min
Response: 10650475
Conc: 0.62 ng/ml



#19 Endosulfan Sulfate

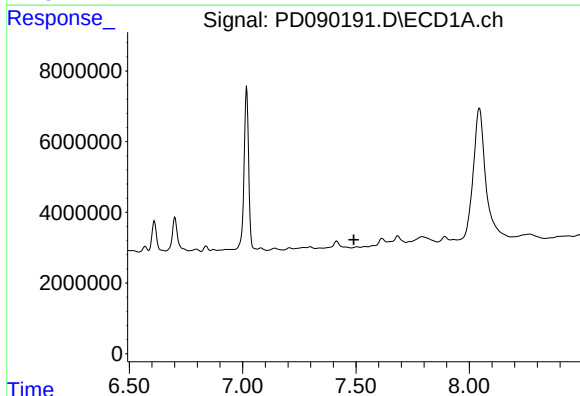
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 1007368
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



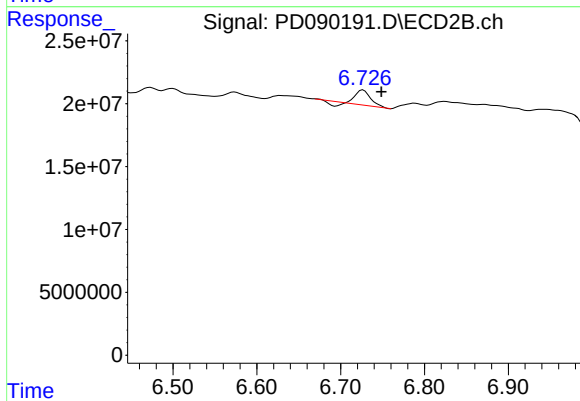
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 5426738
Conc: 0.22 ng/ml



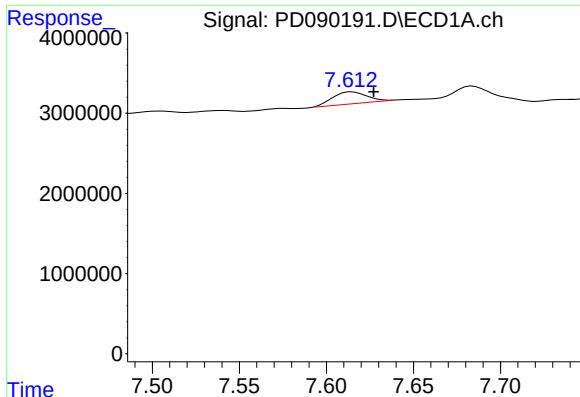
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.014 min
Response: -21386
Conc: N.D.



#20 Methoxychlor

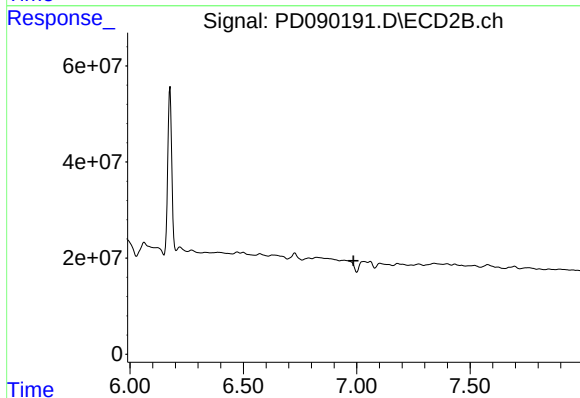
R.T.: 6.727 min
Delta R.T.: -0.022 min
Response: 13104879
Conc: 1.02 ng/ml



#21 Endrin ketone

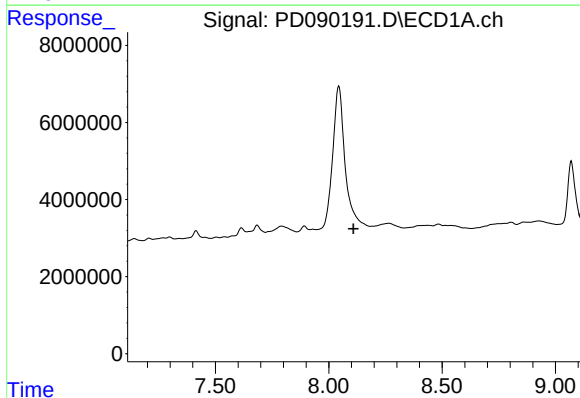
R.T.: 7.615 min
Delta R.T.: -0.012 min
Response: 2005530
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



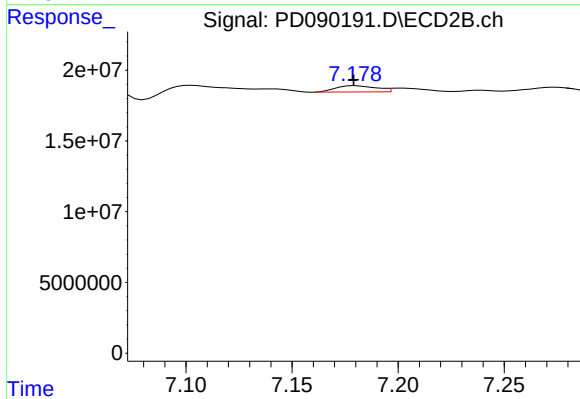
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.986 min
Response: 0
Conc: N.D.



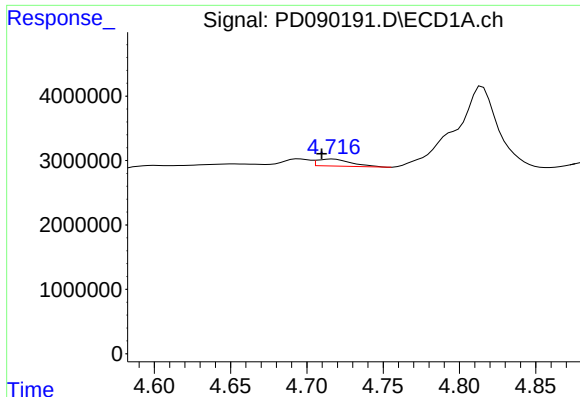
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

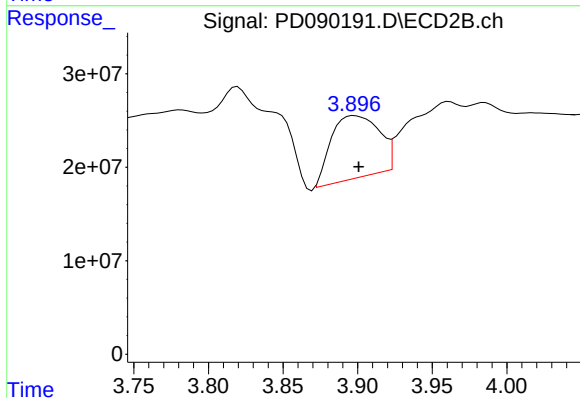
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 5820790
Conc: 0.28 ng/ml



#23 Chlordane-1

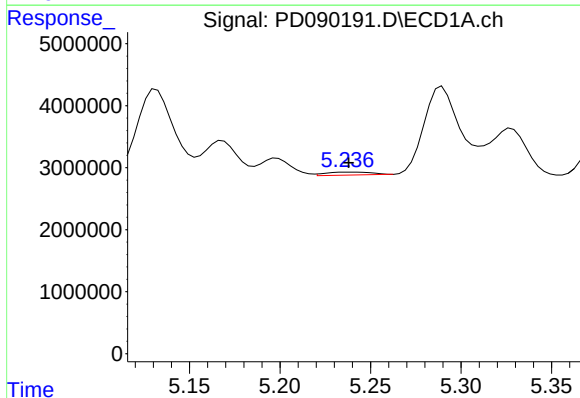
R.T.: 4.717 min
Delta R.T.: 0.007 min
Response: 1673409
Conc: 9.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



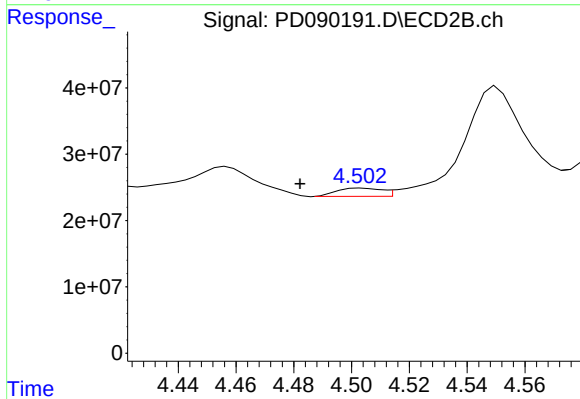
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.003 min
Response: 147896993
Conc: 166.38 ng/ml



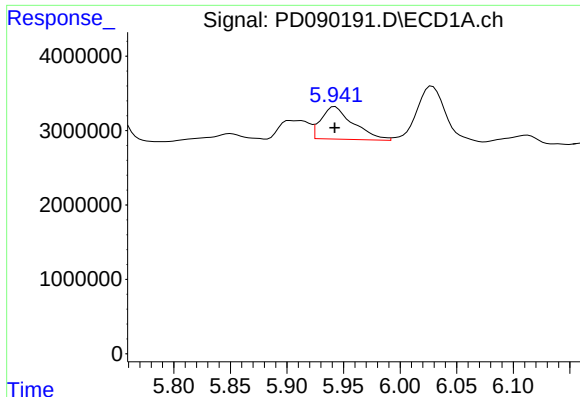
#24 Chlordane-2

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 836970
Conc: 4.75 ng/ml



#24 Chlordane-2

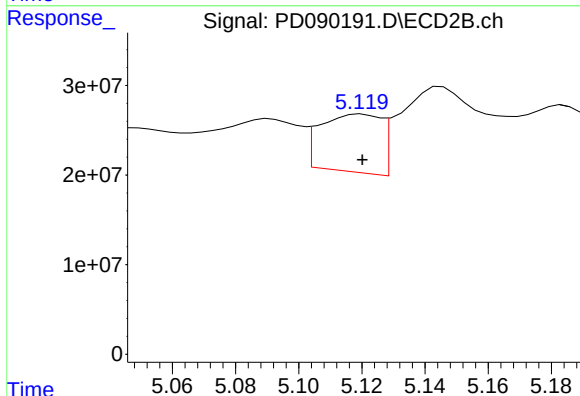
R.T.: 4.503 min
Delta R.T.: 0.021 min
Response: 13633879
Conc: 14.23 ng/ml



#25 Chlordane-3

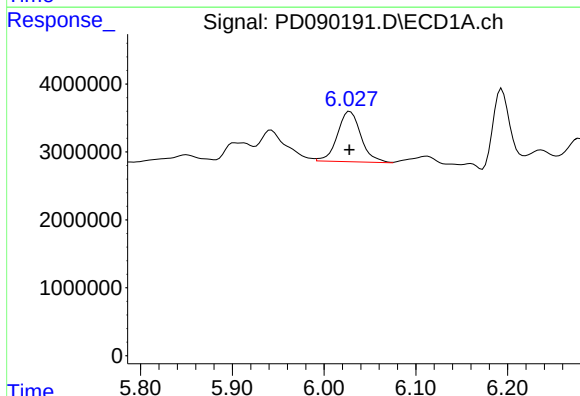
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 8668524
Conc: 12.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



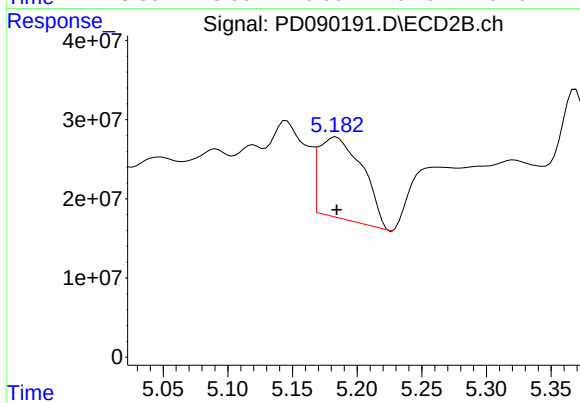
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 86328762
Conc: 31.15 ng/ml



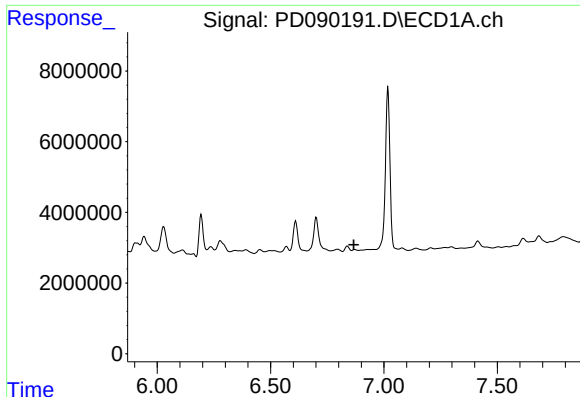
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 13146797
Conc: 15.83 ng/ml



#26 Chlordane-4

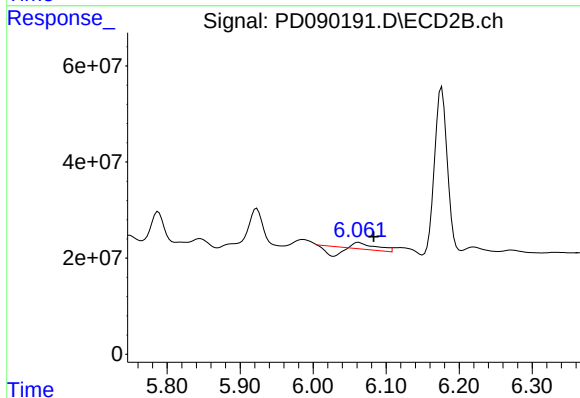
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 241276771
Conc: 100.24 ng/ml



#27 Chlordane-5

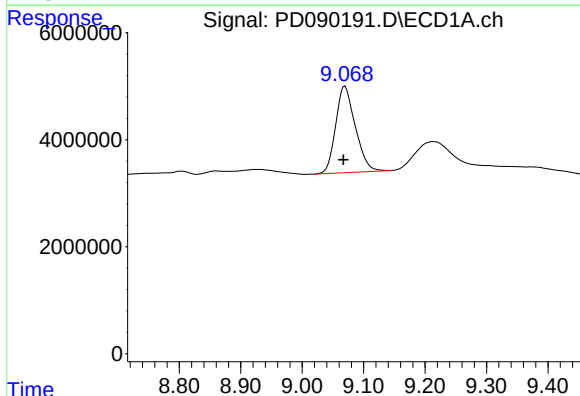
R.T.: 6.871 min
Delta R.T.: 0.004 min
Response: -742561
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-PILE-2



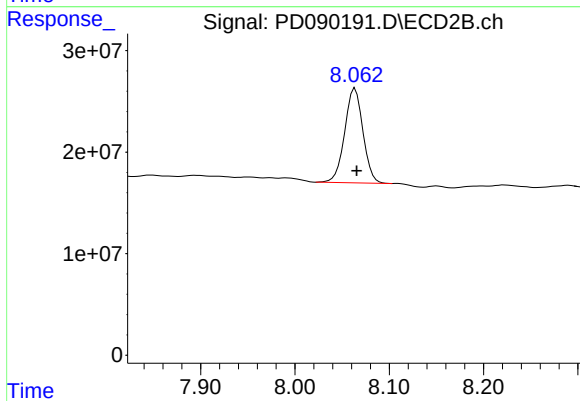
#27 Chlordane-5

R.T.: 6.062 min
Delta R.T.: -0.021 min
Response: 6323121
Conc: 5.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 35762388
Conc: 8.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 125686289
Conc: 4.86 ng/ml