

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050621\
 Data File : PD062751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2021 23:21
 Operator : AR\AJ
 Sample : M2214-20DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-CHLR-SOILDL

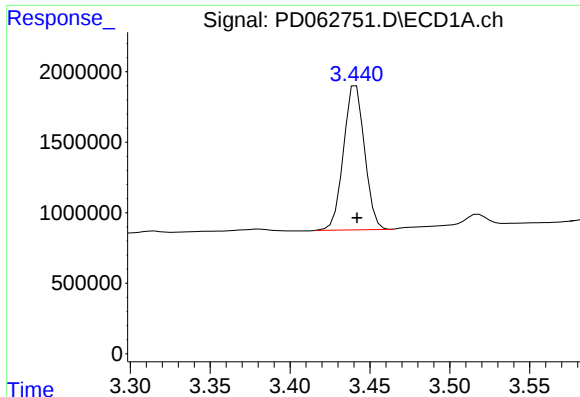
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 05:50:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 04:53:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.441	3.971	9403945	105.5E6	10.576	9.110
28)	SA Decachlor...	8.201	9.031	10476160	115.4E6	9.895	9.999
Target Compounds							
2)	A alpha-BHC	0.000	4.369	0 17129048	N.D.	0.890	#
3)	MA gamma-BHC...	0.000	4.645	0 1031903	N.D.	0.060	#
4)	MA Heptachlor	4.463	5.152	26553344	440.2E6	20.916	25.081
5)	MB Aldrin	0.000	5.432f	0 219.7E6	N.D.	13.135	#
6)	B beta-BHC	0.000	4.839f	0 21226162	N.D.	2.783	#
7)	B delta-BHC	0.000	5.028	0 33478393	N.D.	1.839	#
8)	B Heptachlo...	0.000	5.859	0 33464345	N.D.	2.048	#
10)	B gamma-Chl...	5.382	6.077	51519107	859.0E6	43.771	53.984
11)	B alpha-Chl...	5.440	6.151	42141687	970.7E6	36.387	63.586 #
12)	B 4,4'-DDE	0.000	6.305	0 16003161	N.D.	1.010	#
13)	MA Dieldrin	0.000	6.433f	0 72460521	N.D.	4.485	#
14)	MA Endrin	0.000	6.697f	0 8701402	N.D.	0.619	#
15)	B Endosulfa...	6.277	6.895	14087316	12011145	13.522	0.899 #
16)	A 4,4'-DDD	0.000	6.813f	0 29522325	N.D.	2.285	#
17)	MA 4,4'-DDT	0.000	7.103	0 27862356	N.D.	2.187	#
18)	B Endrin al...	0.000	7.000	0 10954204	N.D.	0.939	#
19)	B Endosulfa...	0.000	7.231	0 10515806	N.D.	0.756	#
21)	B Endrin ke...	0.000	7.698	0 18631033	N.D.	1.373	#
22)	Mirex	0.000	8.183f	0 4886753	N.D.	0.533	#
23)	Chlordane-1	4.310	4.964	14129477	235.9E6	400.685	411.441
24)	Chlordane-2	4.812	5.432	20012778	219.7E6	491.376	411.475
25)	Chlordane-3	5.382	6.077	51519107	859.0E6	434.778	384.334
26)	Chlordane-4	5.440	6.151	42141687	970.7E6	434.563	376.351
27)	Chlordane-5	6.277	6.955	14087316	159.7E6	323.157	324.653

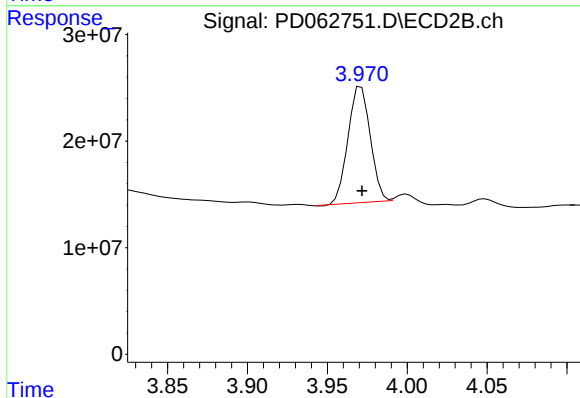
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

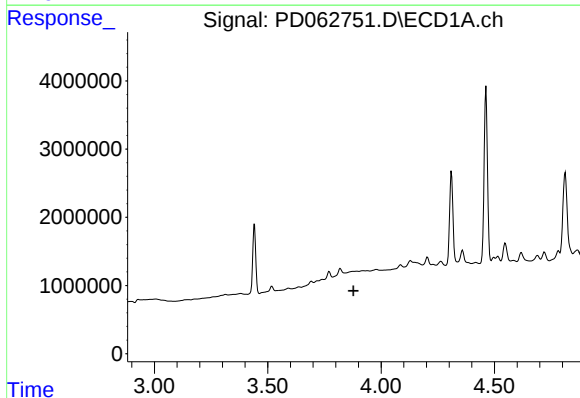
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 9403945
Conc: 10.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILD_L



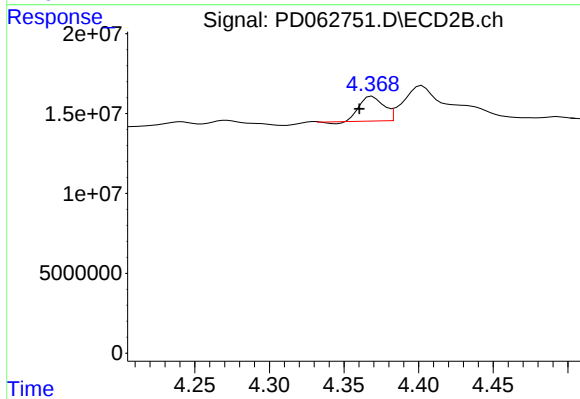
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 105469617
Conc: 9.11 ng/ml



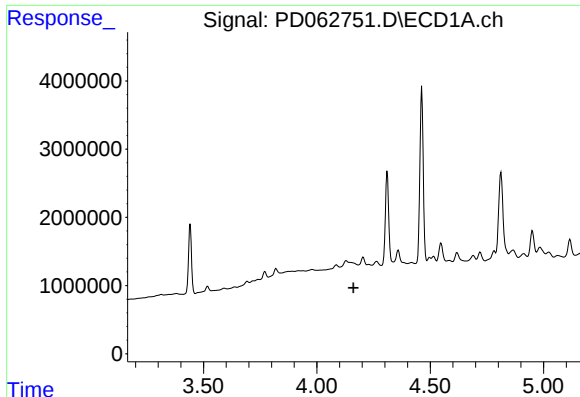
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.879 min
Response: 0
Conc: N.D.



#2 alpha-BHC

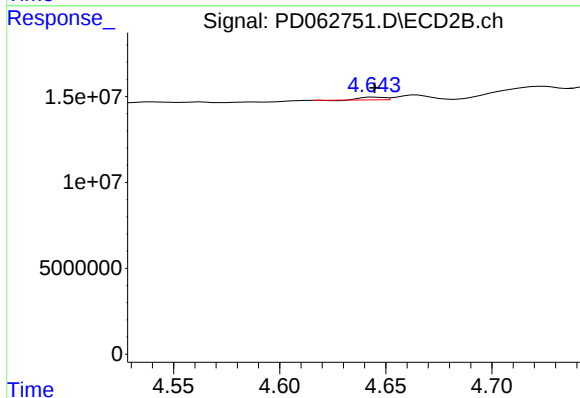
R.T.: 4.369 min
Delta R.T.: 0.009 min
Response: 17129048
Conc: 0.89 ng/ml



#3 gamma-BHC (Lindane)

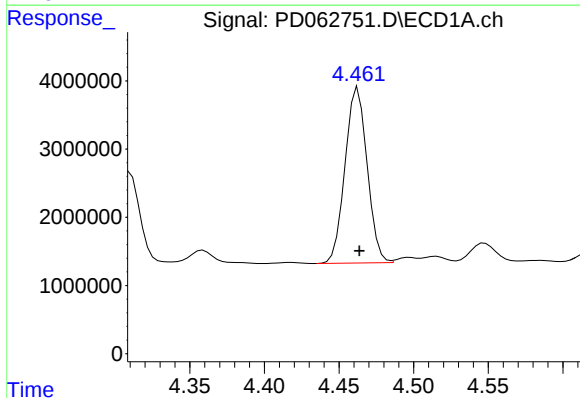
R.T.: 0.000 min
Exp R.T.: 4.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILD



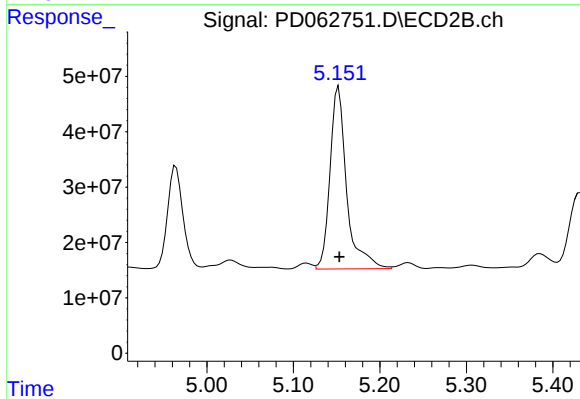
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 1031903
Conc: 0.06 ng/ml



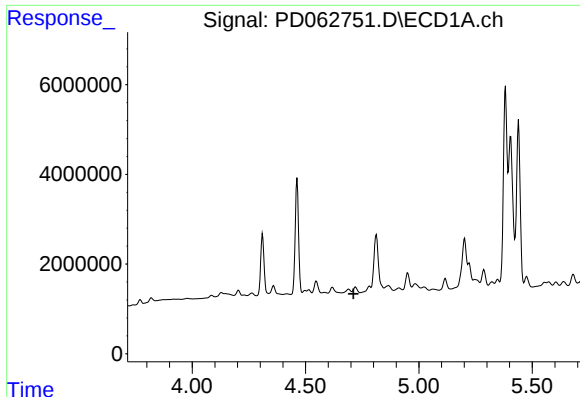
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 2655344
Conc: 20.92 ng/ml



#4 Heptachlor

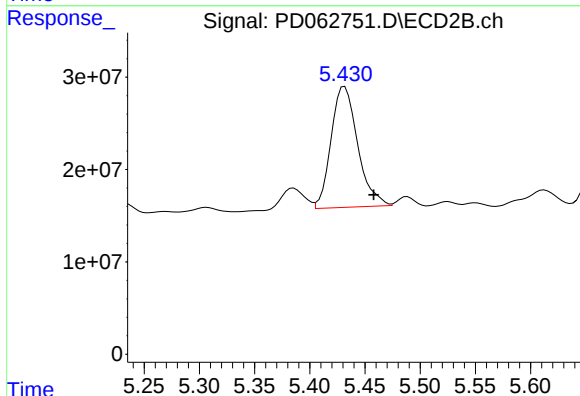
R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 440218465
Conc: 25.08 ng/ml



#5 Aldrin

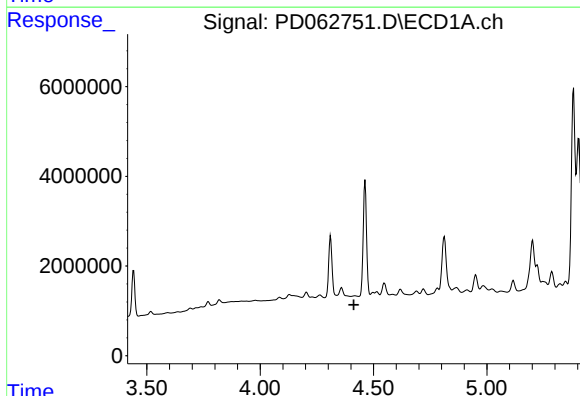
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILD_L



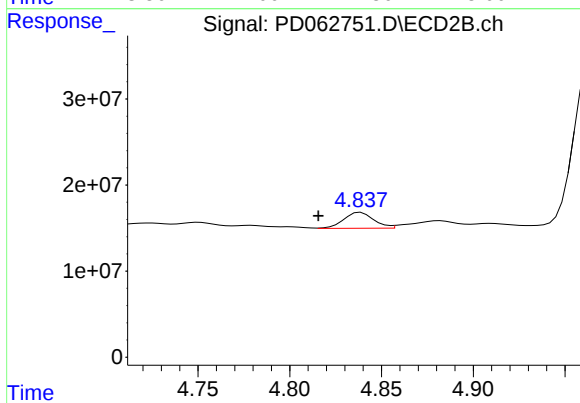
#5 Aldrin

R.T.: 5.432 min
Delta R.T.: -0.026 min
Response: 219673986
Conc: 13.13 ng/ml



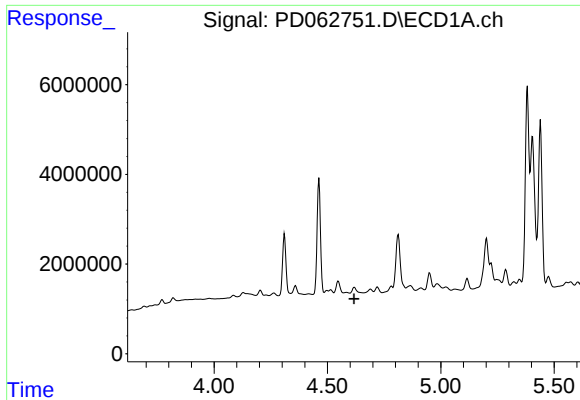
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.413 min
Response: 0
Conc: N.D.



#6 beta-BHC

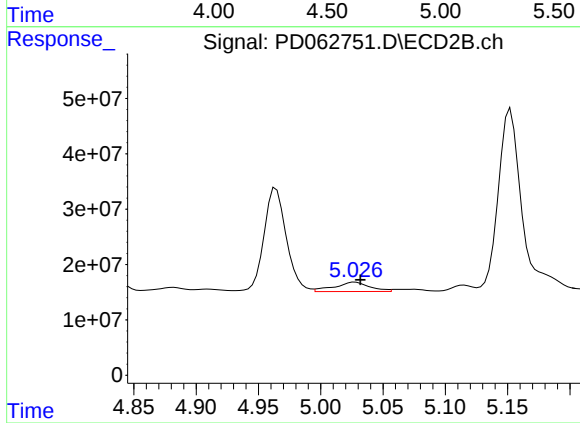
R.T.: 4.839 min
Delta R.T.: 0.023 min
Response: 21226162
Conc: 2.78 ng/ml



#7 delta-BHC

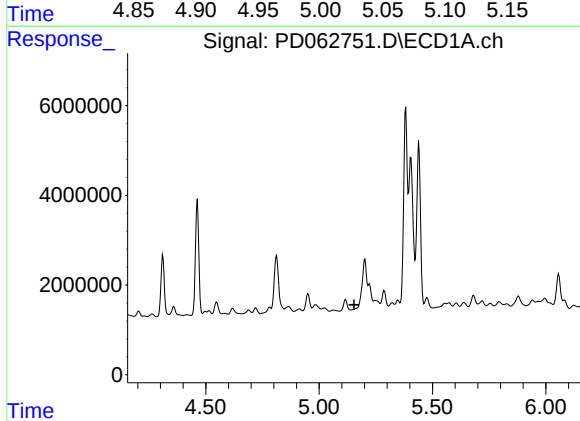
R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



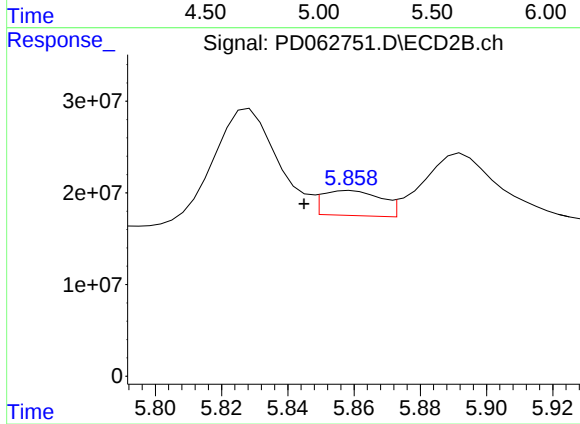
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: -0.004 min
Response: 33478393
Conc: 1.84 ng/ml



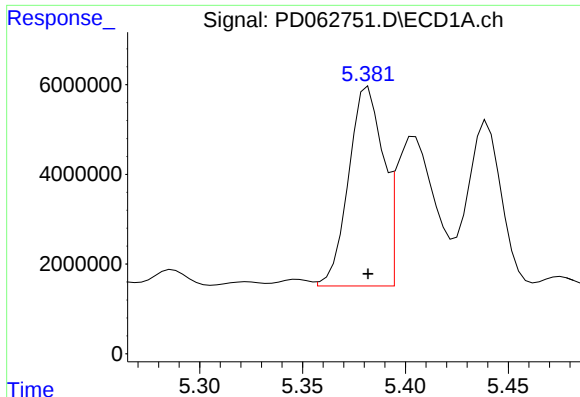
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.155 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

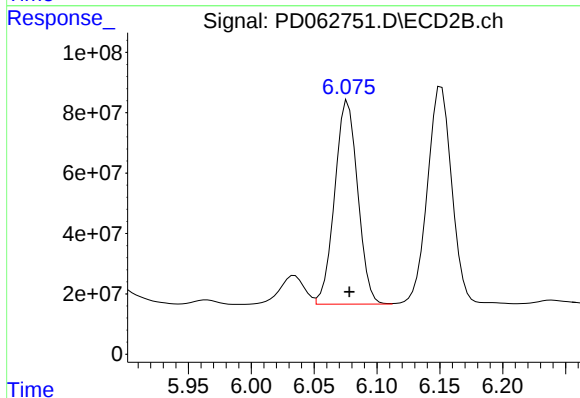
R.T.: 5.859 min
Delta R.T.: 0.014 min
Response: 33464345
Conc: 2.05 ng/ml



#10 gamma-Chlordane

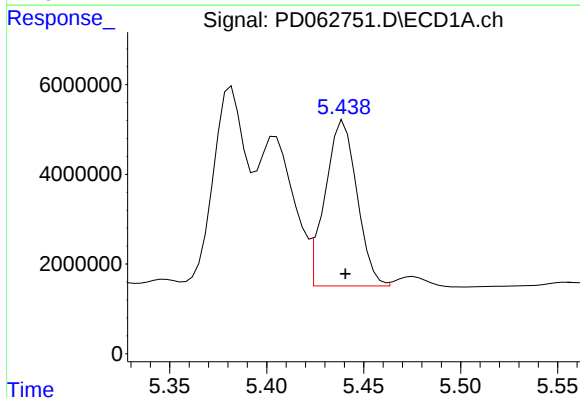
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 51519107
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILD_L



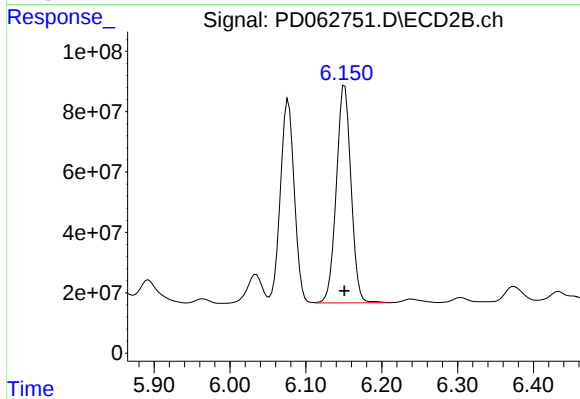
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 858951782
Conc: 53.98 ng/ml



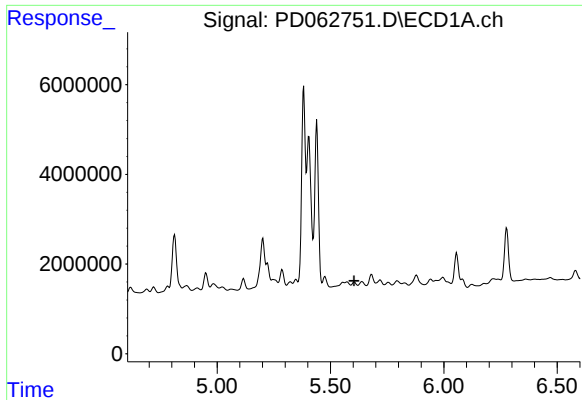
#11 alpha-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 42141687
Conc: 36.39 ng/ml



#11 alpha-Chlordane

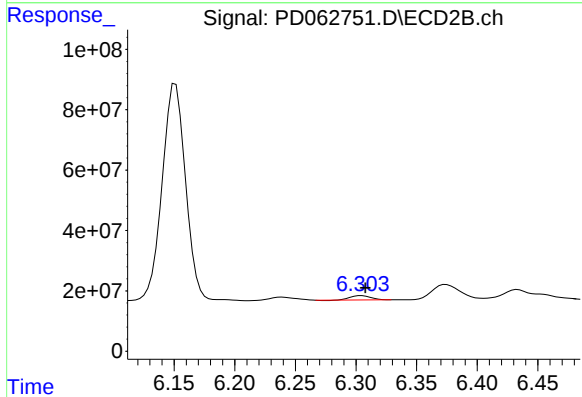
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 970721109
Conc: 63.59 ng/ml



#12 4,4'-DDE

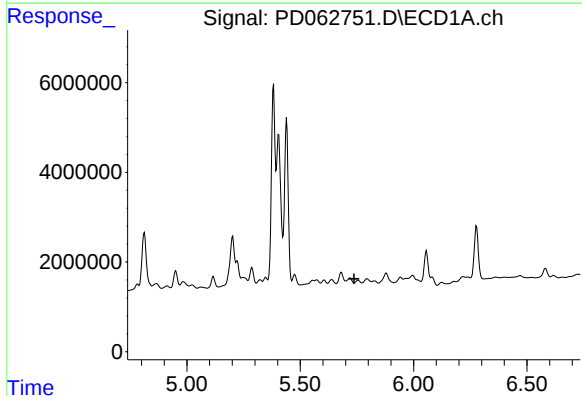
R.T.: 0.000 min
Exp R.T.: 5.605 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



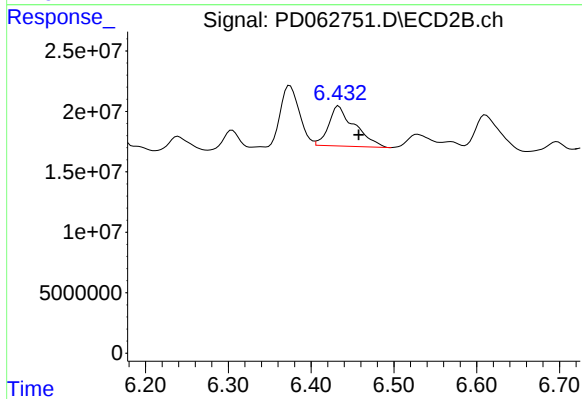
#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 16003161
Conc: 1.01 ng/ml



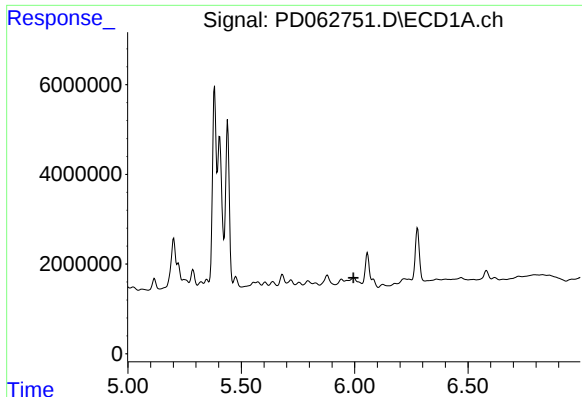
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.738 min
Response: 0
Conc: N.D.



#13 Dieldrin

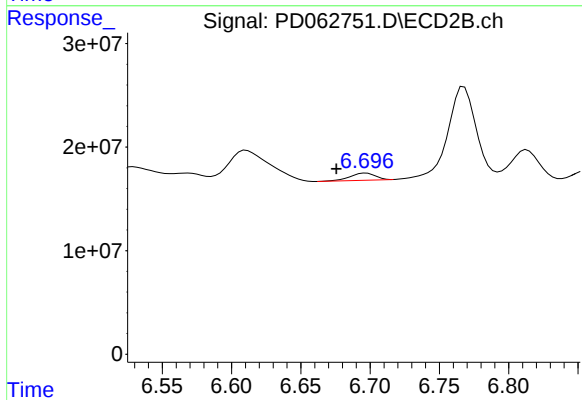
R.T.: 6.433 min
Delta R.T.: -0.024 min
Response: 72460521
Conc: 4.48 ng/ml



#14 Endrin

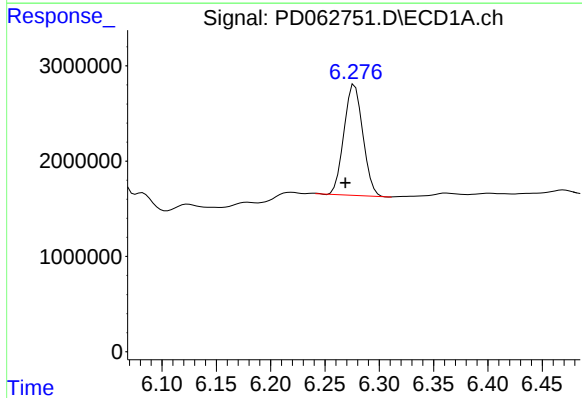
R.T.: 0.000 min
Exp R.T.: 5.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



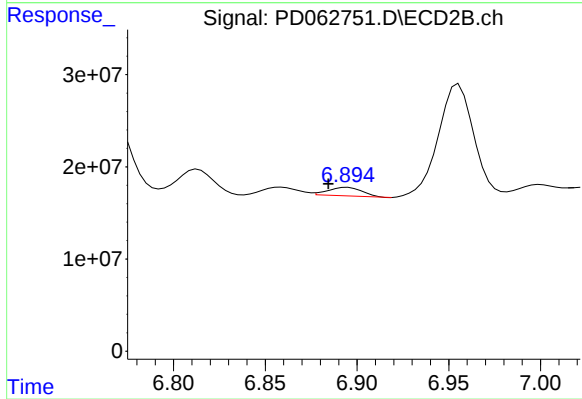
#14 Endrin

R.T.: 6.697 min
Delta R.T.: 0.021 min
Response: 8701402
Conc: 0.62 ng/ml



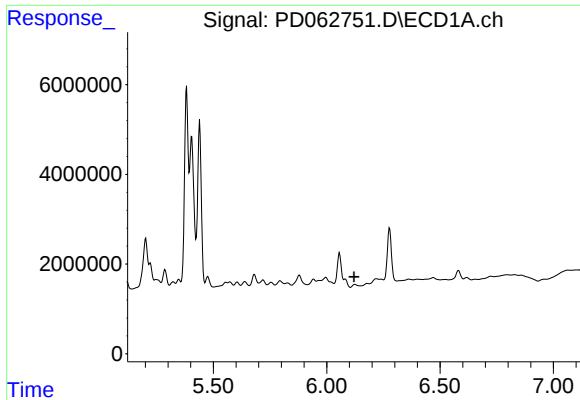
#15 Endosulfan II

R.T.: 6.277 min
Delta R.T.: 0.009 min
Response: 14087316
Conc: 13.52 ng/ml



#15 Endosulfan II

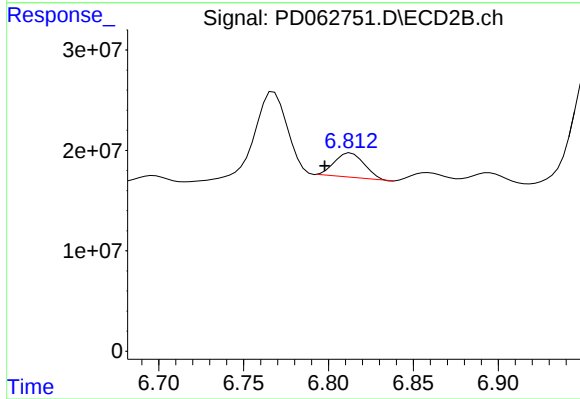
R.T.: 6.895 min
Delta R.T.: 0.010 min
Response: 12011145
Conc: 0.90 ng/ml



#16 4,4'-DDD

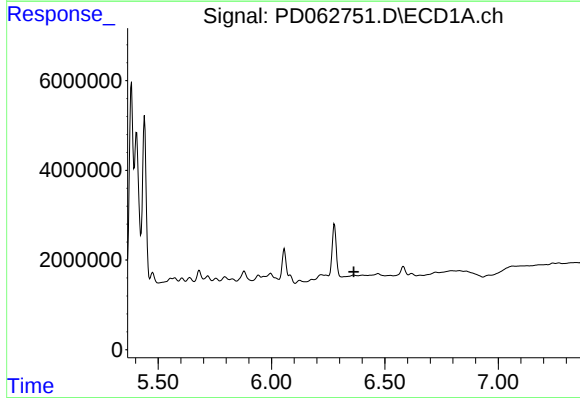
R.T.: 0.000 min
Exp R.T.: 6.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



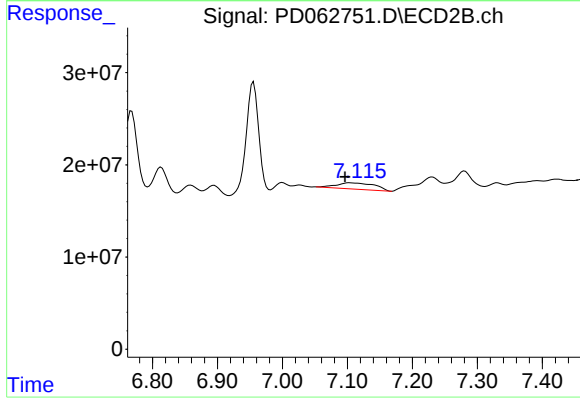
#16 4,4'-DDD

R.T.: 6.813 min
Delta R.T.: 0.015 min
Response: 29522325
Conc: 2.28 ng/ml



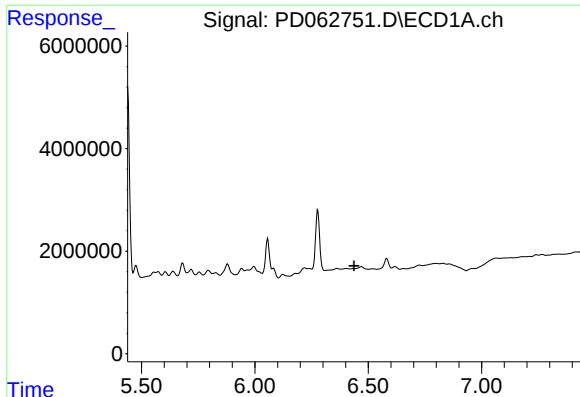
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.363 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

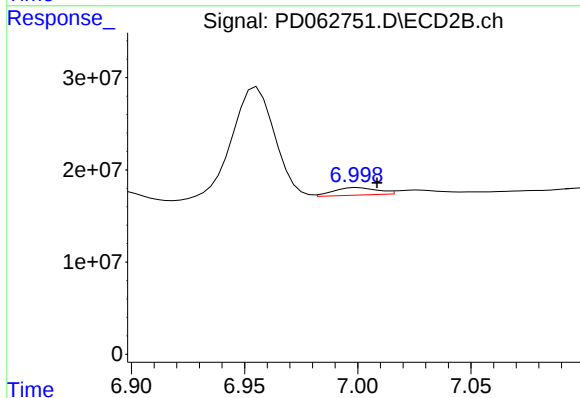
R.T.: 7.103 min
Delta R.T.: 0.006 min
Response: 27862356
Conc: 2.19 ng/ml



#18 Endrin aldehyde

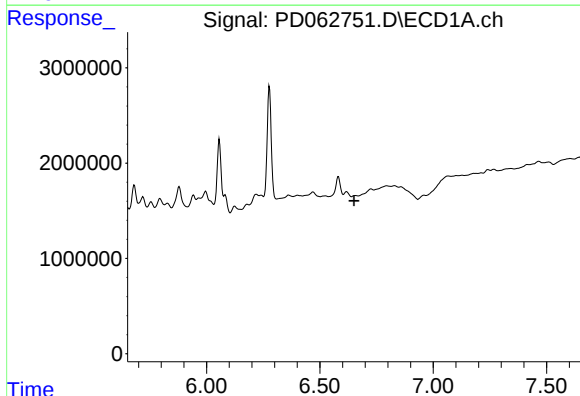
R.T.: 0.000 min
Exp R.T. : 6.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



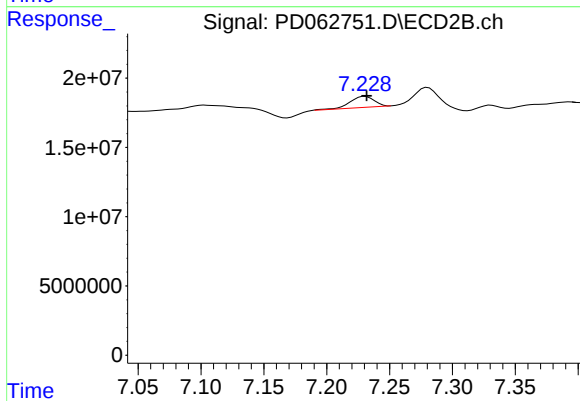
#18 Endrin aldehyde

R.T.: 7.000 min
Delta R.T.: -0.009 min
Response: 10954204
Conc: 0.94 ng/ml



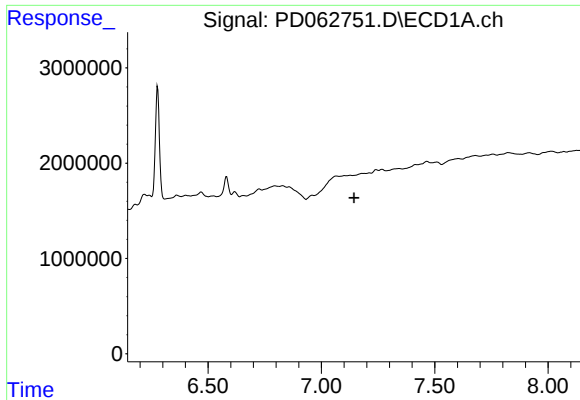
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.651 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

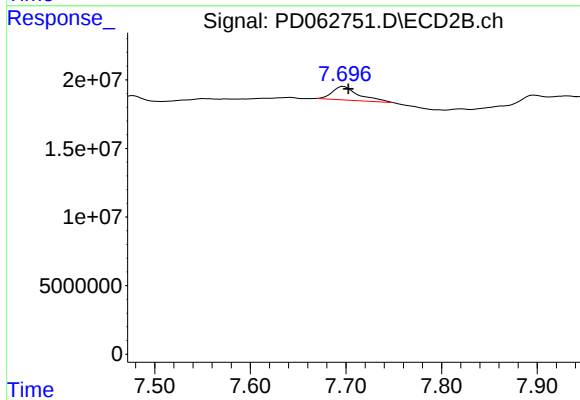
R.T.: 7.231 min
Delta R.T.: -0.001 min
Response: 10515806
Conc: 0.76 ng/ml



#21 Endrin ketone

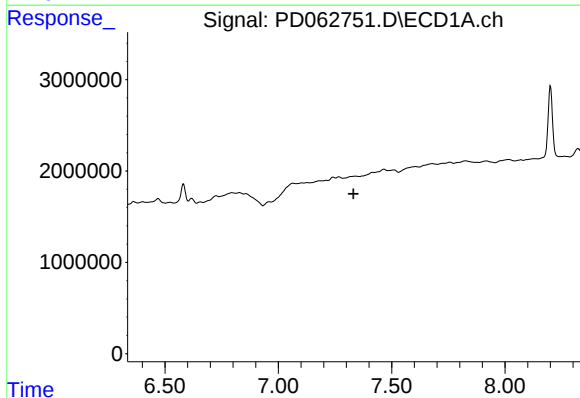
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



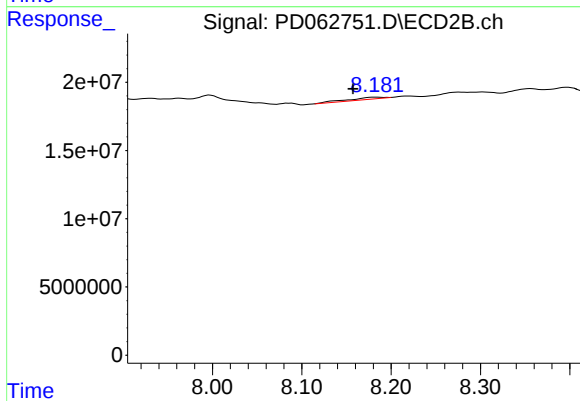
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 18631033
Conc: 1.37 ng/ml



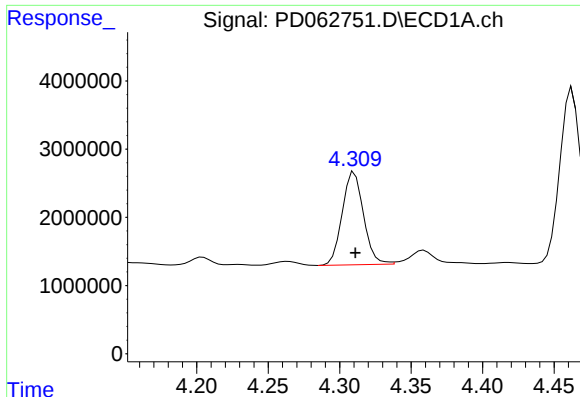
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.332 min
Response: 0
Conc: N.D.



#22 Mirex

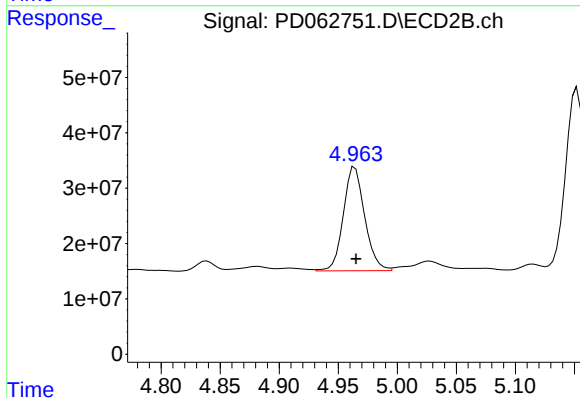
R.T.: 8.183 min
Delta R.T.: 0.025 min
Response: 4886753
Conc: 0.53 ng/ml



#23 Chlordane-1

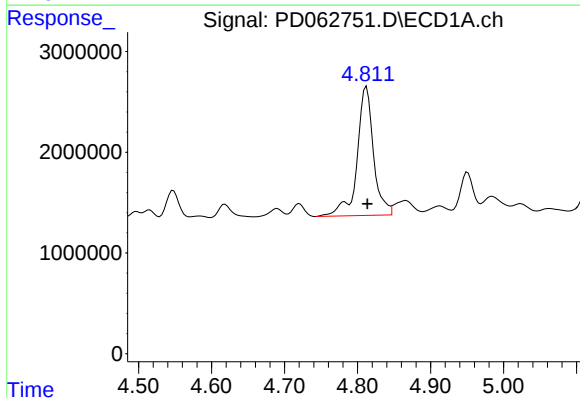
R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 14129477
Conc: 400.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



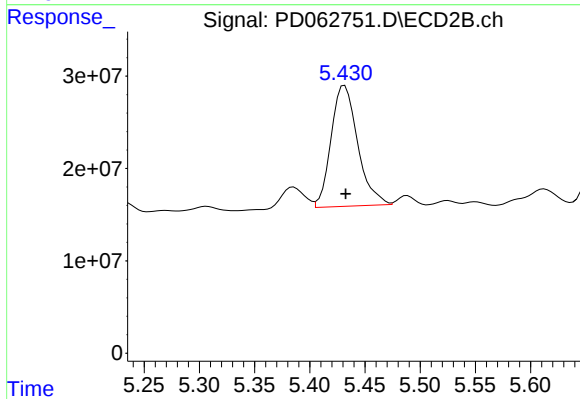
#23 Chlordane-1

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 235930080
Conc: 411.44 ng/ml



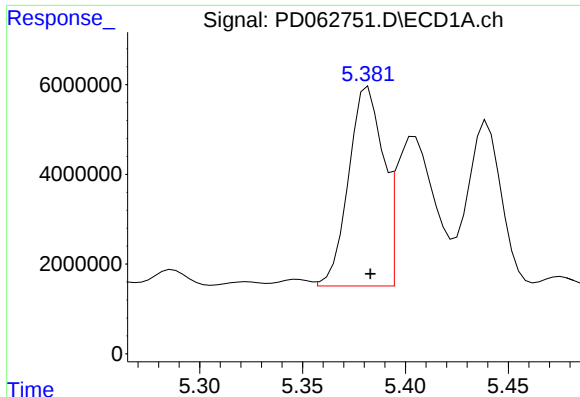
#24 Chlordane-2

R.T.: 4.812 min
Delta R.T.: -0.001 min
Response: 20012778
Conc: 491.38 ng/ml



#24 Chlordane-2

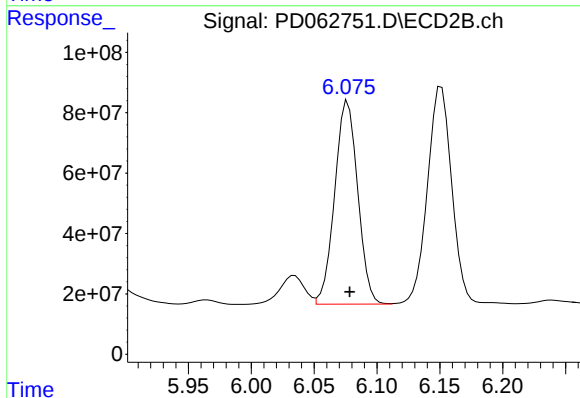
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 219673986
Conc: 411.48 ng/ml



#25 Chlordane-3

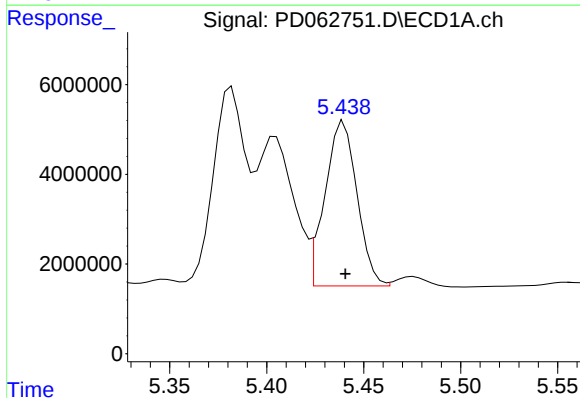
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 51519107
Conc: 434.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILD_L



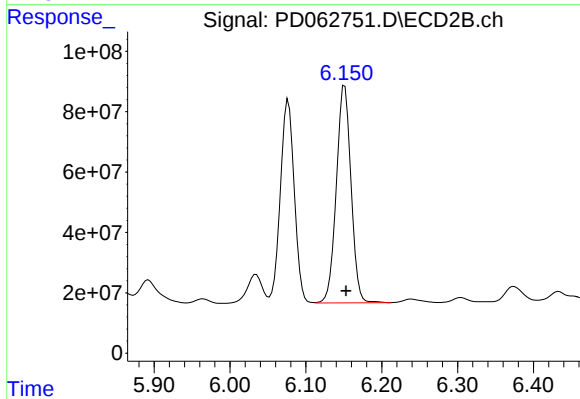
#25 Chlordane-3

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 858951782
Conc: 384.33 ng/ml



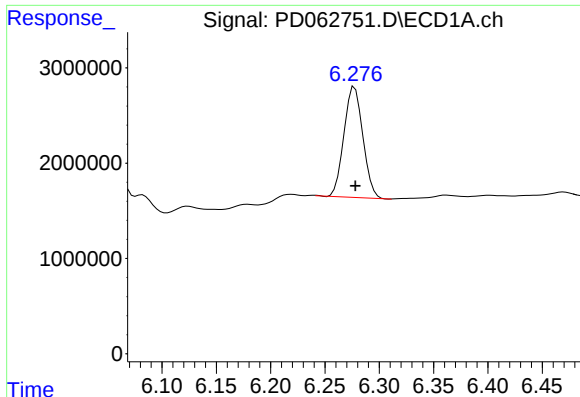
#26 Chlordane-4

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 42141687
Conc: 434.56 ng/ml



#26 Chlordane-4

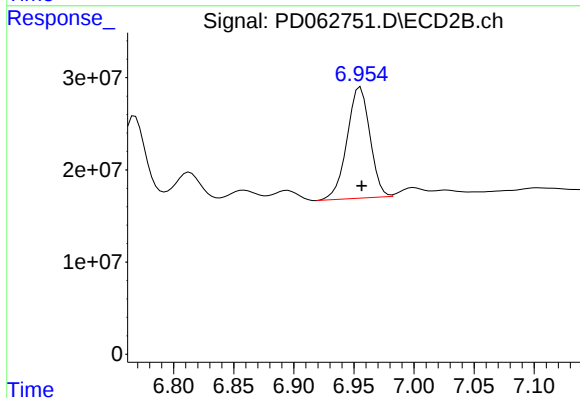
R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 970721109
Conc: 376.35 ng/ml



#27 Chlordane-5

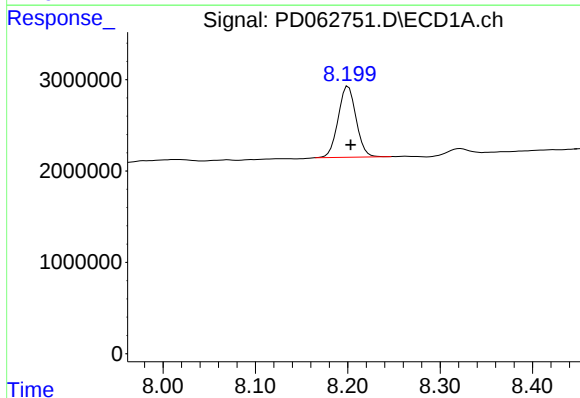
R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 14087316
Conc: 323.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOILDL



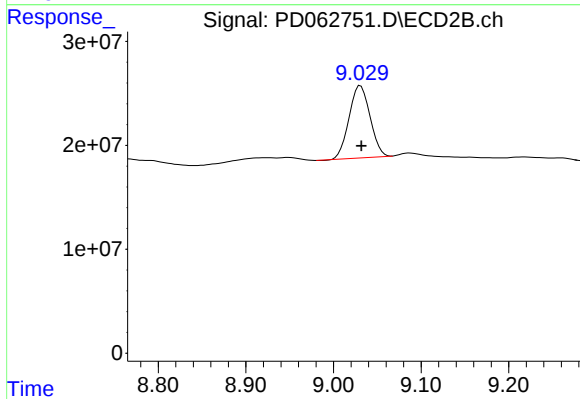
#27 Chlordane-5

R.T.: 6.955 min
Delta R.T.: -0.001 min
Response: 159678545
Conc: 324.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min
Delta R.T.: -0.003 min
Response: 10476160
Conc: 9.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.031 min
Delta R.T.: -0.001 min
Response: 115373573
Conc: 10.00 ng/ml