

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050621\
 Data File : PD062750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2021 23:07
 Operator : AR\AJ
 Sample : M2214-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-CHLR-SOIL

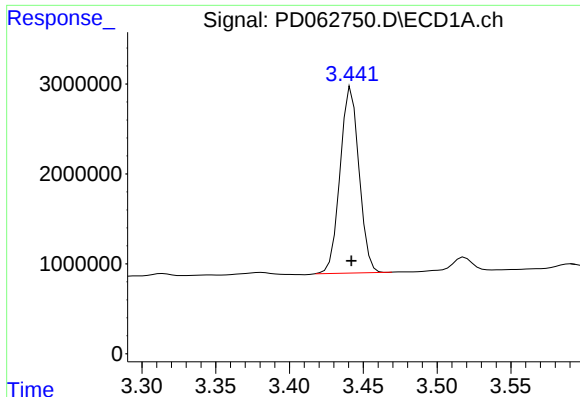
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 05:49:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 04:53:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.442	3.972	18500591	212.4E6	20.806	18.349
28)	SA Decachlor...	8.201	9.032	21301989	226.1E6	20.121	19.598
Target Compounds							
2)	A alpha-BHC	0.000	4.369	0 28813892	N.D.	1.497	#
3)	MA gamma-BHC...	0.000	4.665f	0 4967812	N.D.	0.287	#
4)	MA Heptachlor	4.463	5.152	54995097	871.9E6	43.319	49.674
5)	MB Aldrin	4.721	5.432f	2548908	430.9E6	2.117	25.763 #
6)	B beta-BHC	0.000	4.801	0 3716402	N.D.	0.487	#
7)	B delta-BHC	4.618	5.028	2711093	53692338	2.011	2.949 #
8)	B Heptachlo...	0.000	5.861f	0 72662046	N.D.	4.447	#
9)	A Endosulfan I	5.476f	0.000	5003970	0	4.568	N.D. #
10)	B gamma-Chl...	5.382	6.078	107.0E6	1697.4E6	90.881	106.679
11)	B alpha-Chl...	5.440	6.152	88383718	1904.0E6	76.314	124.722 #
12)	B 4,4'-DDE	0.000	6.305	0 31482689	N.D.	1.988	#
13)	MA Dieldrin	0.000	6.434f	0 140.7E6	N.D.	8.707	#
14)	MA Endrin	0.000	6.697f	0 25768385	N.D.	1.833	#
15)	B Endosulfa...	6.278	6.896	30253792	31734227	29.041	2.375 #
16)	A 4,4'-DDD	0.000	6.813f	0 58613729	N.D.	4.536	#
17)	MA 4,4'-DDT	0.000	7.103	0 46218898	N.D.	3.628	#
18)	B Endrin al...	0.000	7.000	0 22587882	N.D.	1.936	#
19)	B Endosulfa...	0.000	7.231	0 17130131	N.D.	1.232	#
20)	A Methoxychlor	0.000	7.550	0 5254067	N.D.	0.787	#
21)	B Endrin ke...	0.000	7.699	0 32074548	N.D.	2.364	#
22)	Mirex	0.000	8.136f	0 1678654	N.D.	0.183	#
23)	Chlordane-1	4.311	4.965	28424223	451.5E6	806.057	787.426
24)	Chlordane-2	4.813	5.432	35303952	430.9E6	866.822	807.086
25)	Chlordane-3	5.382	6.078	107.0E6	1697.4E6	902.732	759.484
26)	Chlordane-4	5.440	6.152	88383718	1904.0E6	911.408	738.202
27)	Chlordane-5	6.278	6.956	30253792	376.3E6	694.009	765.057

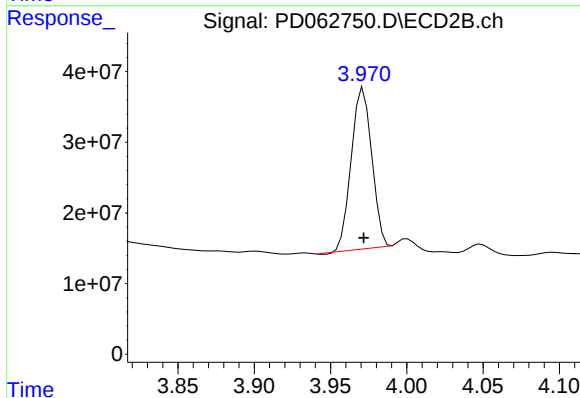
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

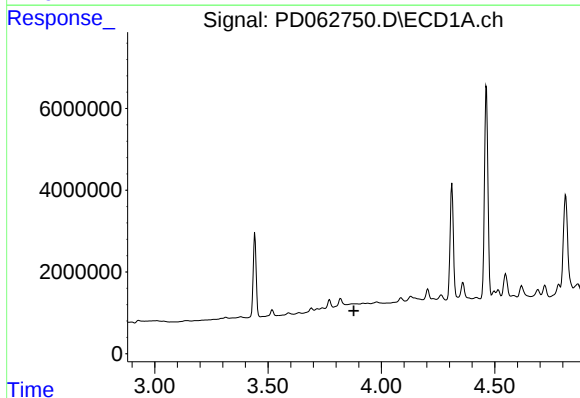
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 18500591
Conc: 20.81 ng/ml

Instrument :
ECD_D
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PT-CHLR-SOIL



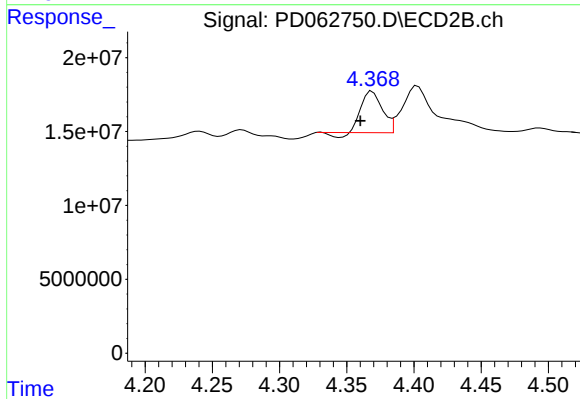
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 212428079
Conc: 18.35 ng/ml



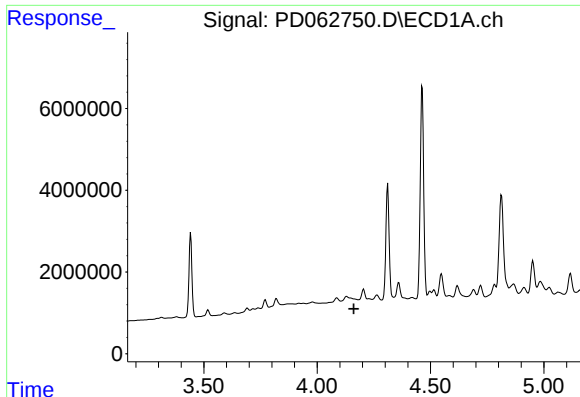
#2 alpha-BHC

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



#2 alpha-BHC

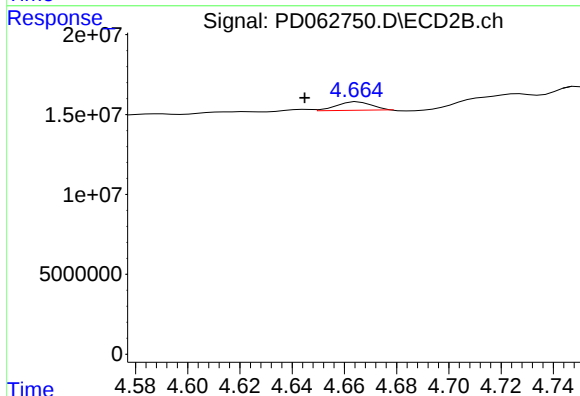
R.T.: 4.369 min
Delta R.T.: 0.009 min
Response: 28813892
Conc: 1.50 ng/ml



#3 gamma-BHC (Lindane)

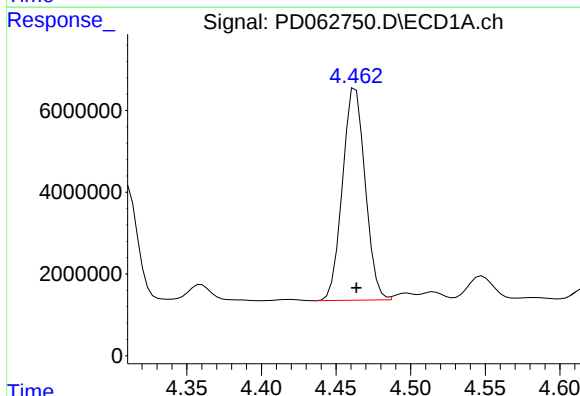
R.T.: 0.000 min
Exp R.T.: 4.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



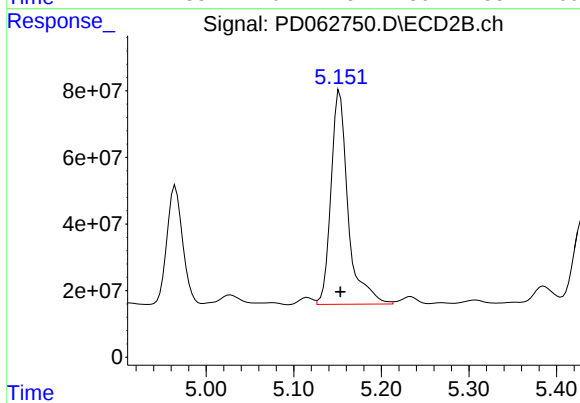
#3 gamma-BHC (Lindane)

R.T.: 4.665 min
Delta R.T.: 0.021 min
Response: 4967812
Conc: 0.29 ng/ml



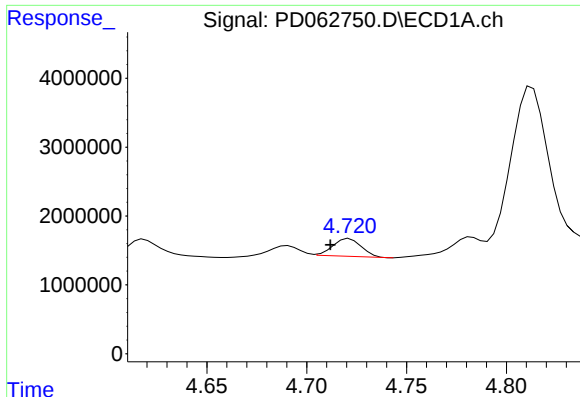
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 54995097
Conc: 43.32 ng/ml



#4 Heptachlor

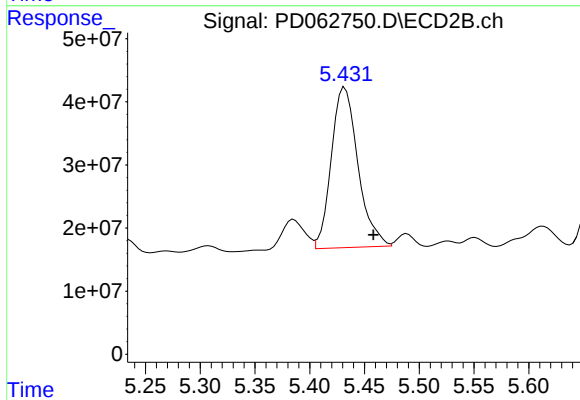
R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 871885937
Conc: 49.67 ng/ml



#5 Aldrin

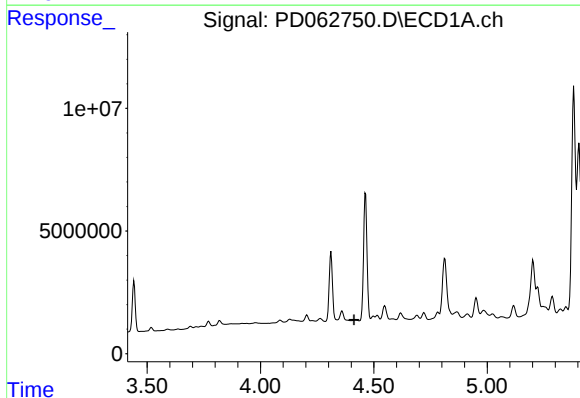
R.T.: 4.721 min
Delta R.T.: 0.010 min
Response: 2548908
Conc: 2.12 ng/ml

Instrument :
ECD_D
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PT-CHLR-SOIL



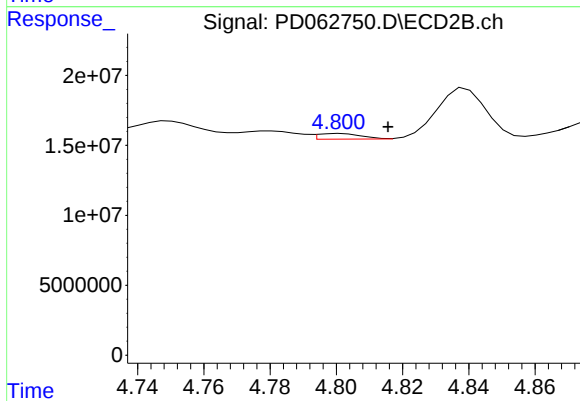
#5 Aldrin

R.T.: 5.432 min
Delta R.T.: -0.026 min
Response: 430878711
Conc: 25.76 ng/ml



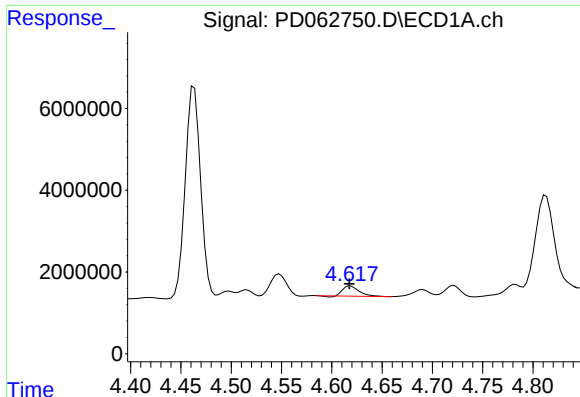
#6 beta-BHC

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



#6 beta-BHC

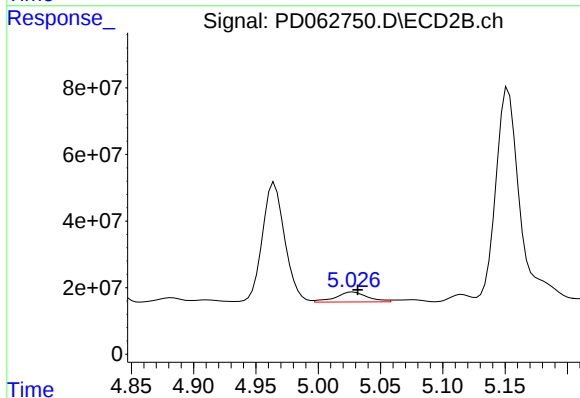
R.T.: 4.801 min
Delta R.T.: -0.015 min
Response: 3716402
Conc: 0.49 ng/ml



#7 delta-BHC

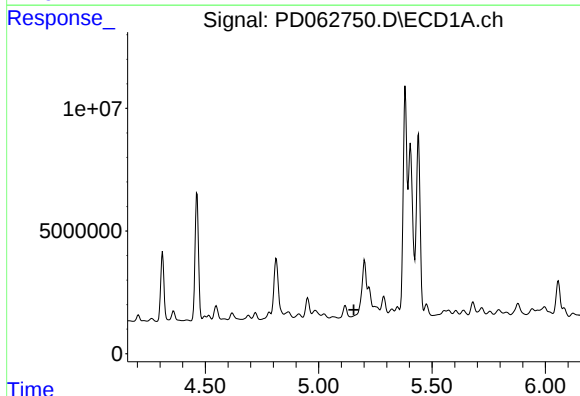
R.T.: 4.618 min
Delta R.T.: 0.001 min
Response: 2711093
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



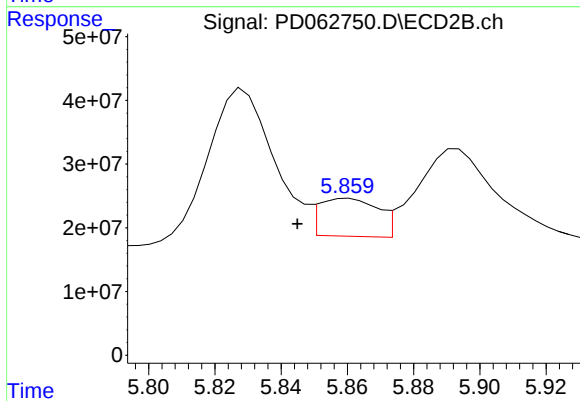
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: -0.004 min
Response: 53692338
Conc: 2.95 ng/ml



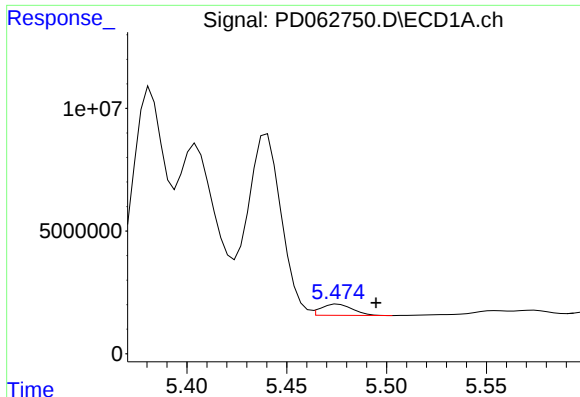
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

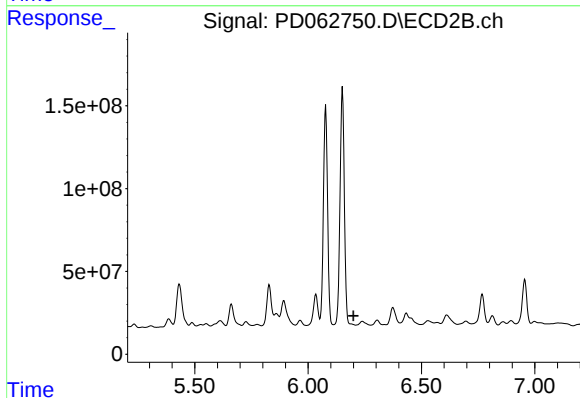
R.T.: 5.861 min
Delta R.T.: 0.016 min
Response: 72662046
Conc: 4.45 ng/ml



#9 Endosulfan I

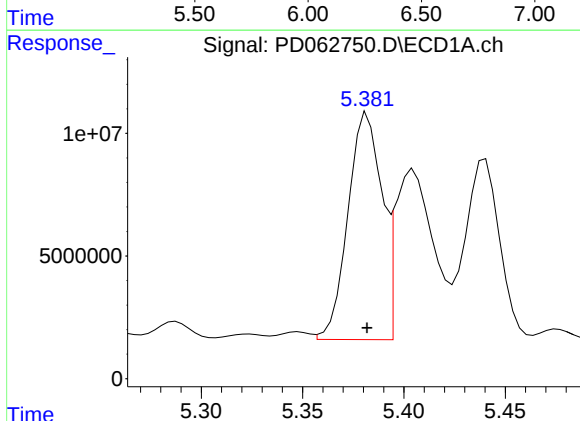
R.T.: 5.476 min
Delta R.T.: -0.019 min
Response: 5003970
Conc: 4.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



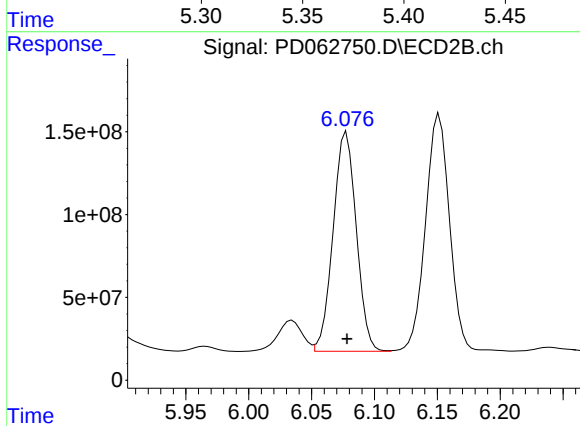
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.201 min
Response: 0
Conc: N.D.



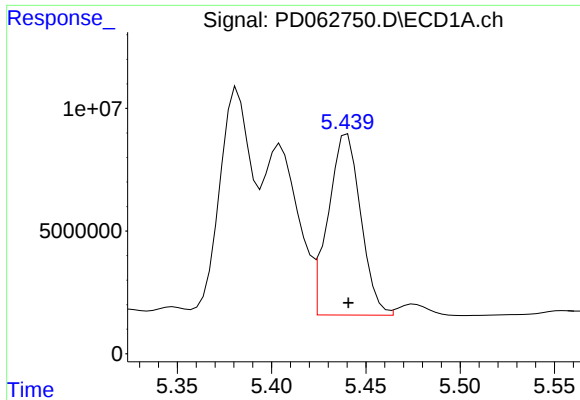
#10 gamma-Chlordane

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 106969477
Conc: 90.88 ng/ml



#10 gamma-Chlordane

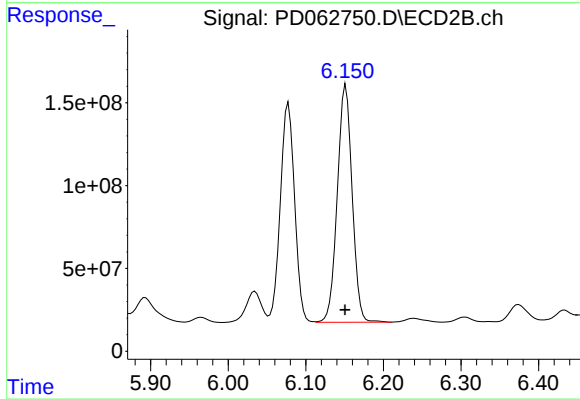
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 1697380514
Conc: 106.68 ng/ml



#11 alpha-Chlordane

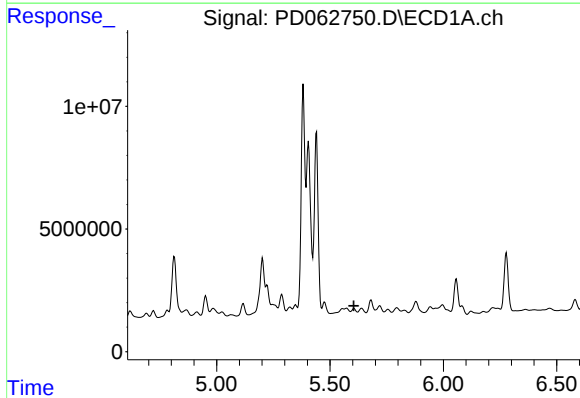
R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 88383718
Conc: 76.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



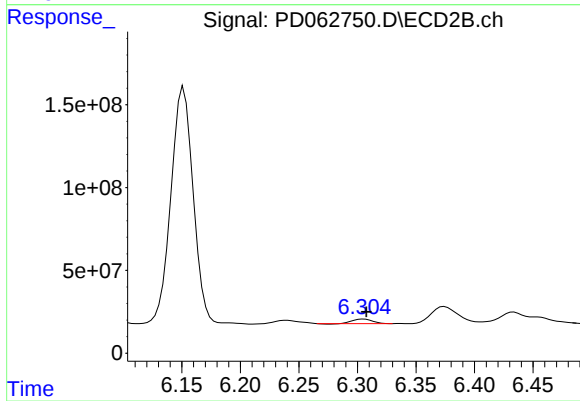
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 1904040795
Conc: 124.72 ng/ml



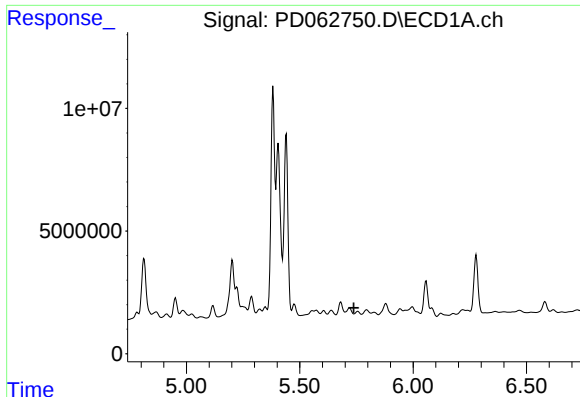
#12 4,4'-DDE

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



#12 4,4'-DDE

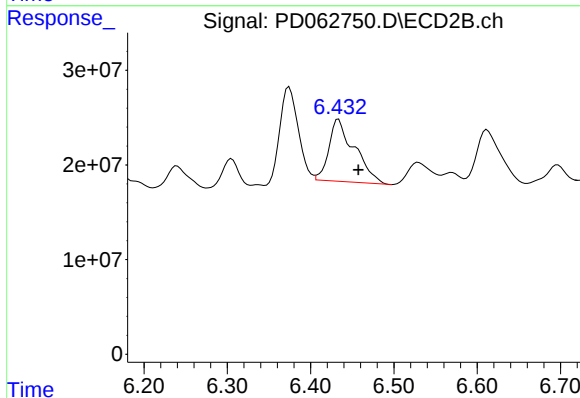
R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 31482689
Conc: 1.99 ng/ml



#13 Dieldrin

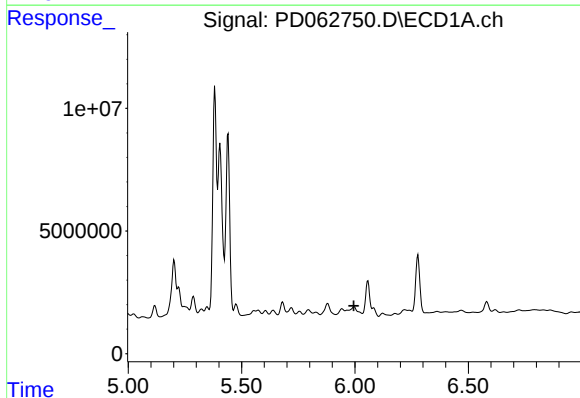
R.T.: 0.000 min
Exp R.T.: 5.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



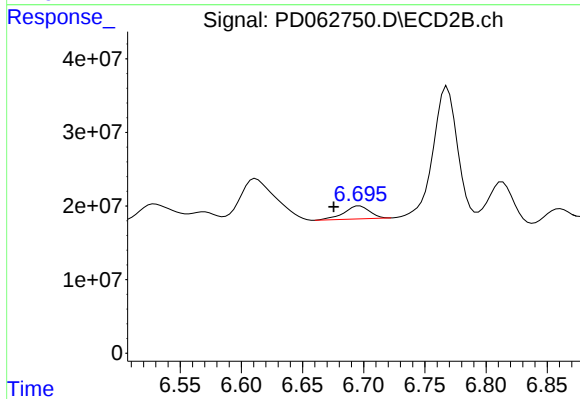
#13 Dieldrin

R.T.: 6.434 min
Delta R.T.: -0.024 min
Response: 140677405
Conc: 8.71 ng/ml



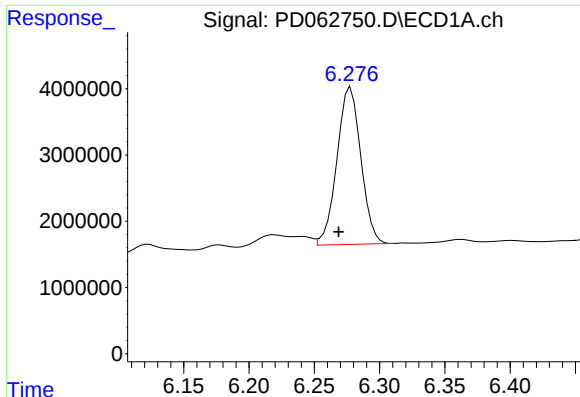
#14 Endrin

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



#14 Endrin

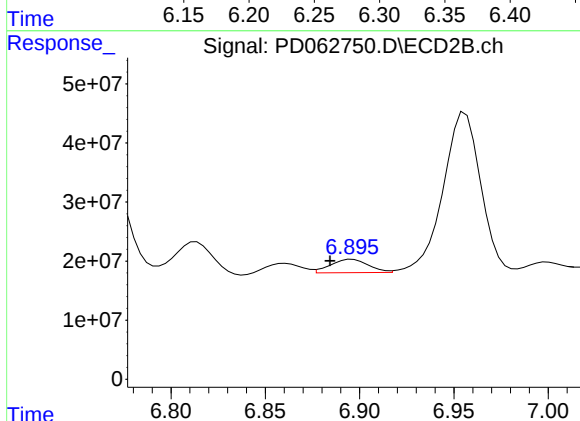
R.T.: 6.697 min
Delta R.T.: 0.021 min
Response: 25768385
Conc: 1.83 ng/ml



#15 Endosulfan II

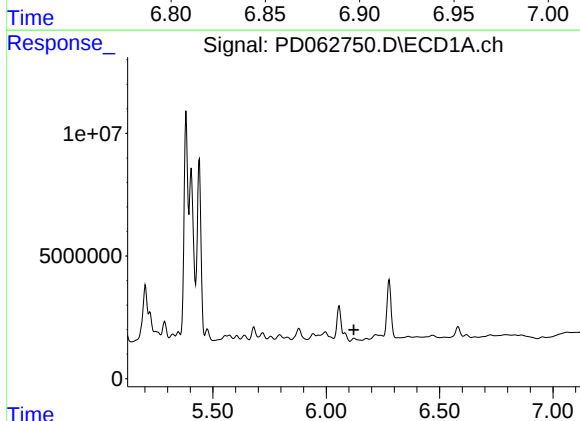
R.T.: 6.278 min
Delta R.T.: 0.009 min
Response: 30253792
Conc: 29.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



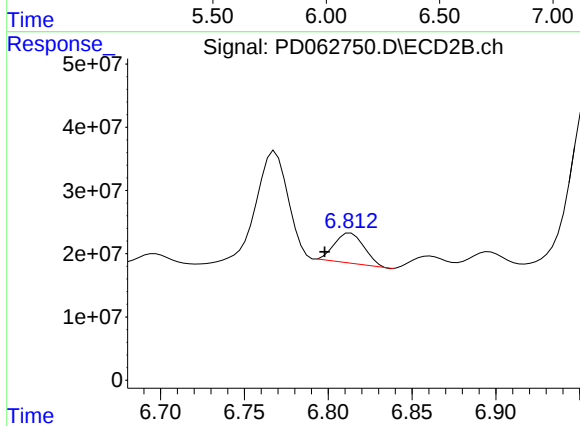
#15 Endosulfan II

R.T.: 6.896 min
Delta R.T.: 0.012 min
Response: 31734227
Conc: 2.38 ng/ml



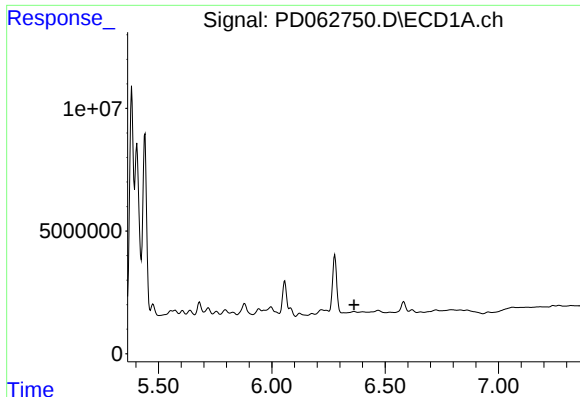
#16 4,4'-DDD

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



#16 4,4'-DDD

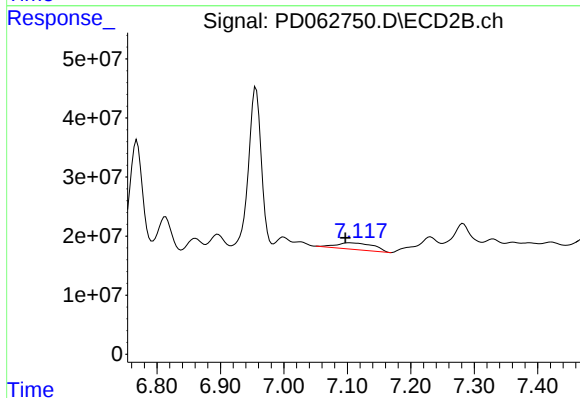
R.T.: 6.813 min
Delta R.T.: 0.016 min
Response: 58613729
Conc: 4.54 ng/ml



#17 4,4'-DDT

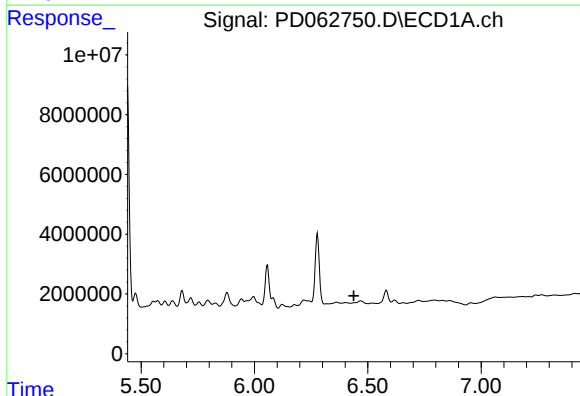
R.T.: 0.000 min
Exp R.T.: 6.363 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



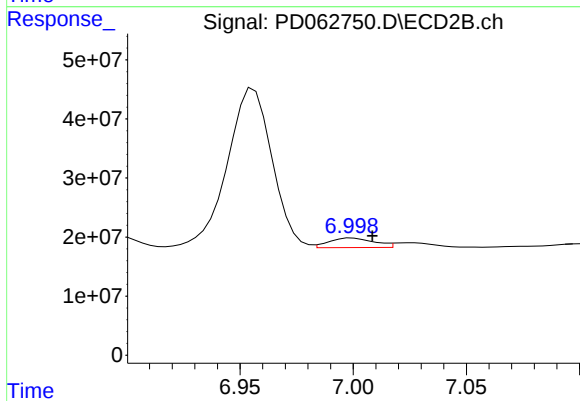
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.006 min
Response: 46218898
Conc: 3.63 ng/ml



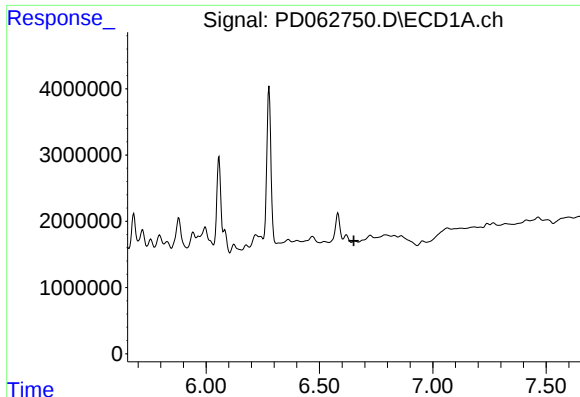
#18 Endrin aldehyde

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



#18 Endrin aldehyde

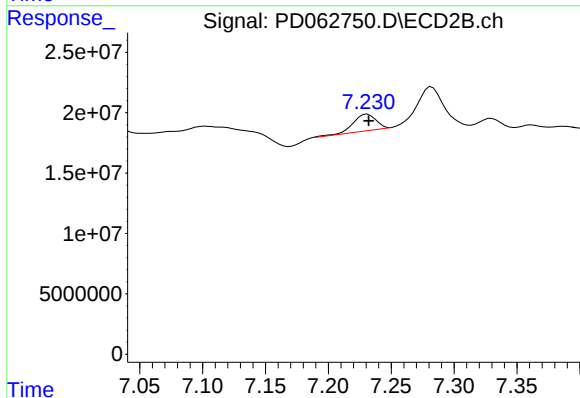
R.T.: 7.000 min
Delta R.T.: -0.009 min
Response: 22587882
Conc: 1.94 ng/ml



#19 Endosulfan Sulfate

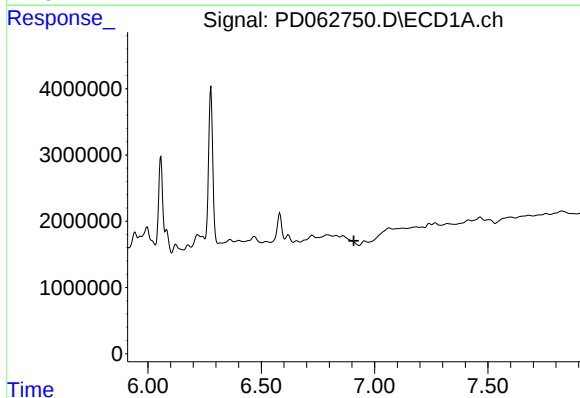
R.T.: 0.000 min
Exp R.T. : 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



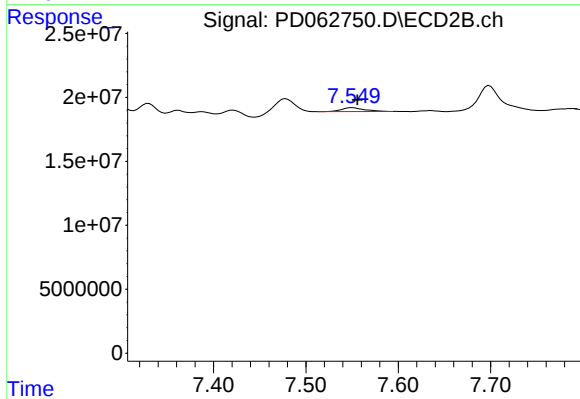
#19 Endosulfan Sulfate

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 17130131
Conc: 1.23 ng/ml



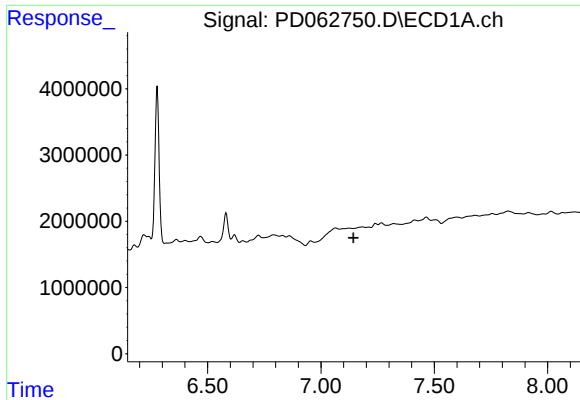
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#20 Methoxychlor

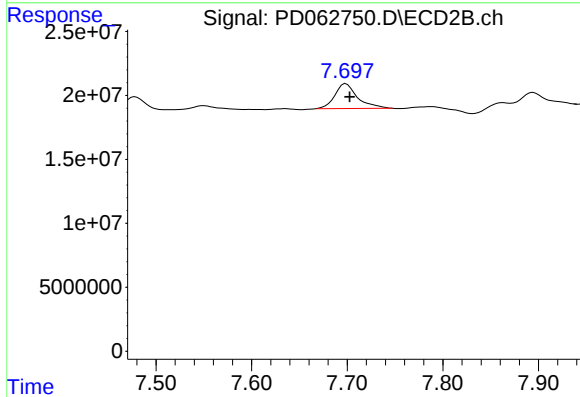
R.T.: 7.550 min
Delta R.T.: -0.006 min
Response: 5254067
Conc: 0.79 ng/ml



#21 Endrin ketone

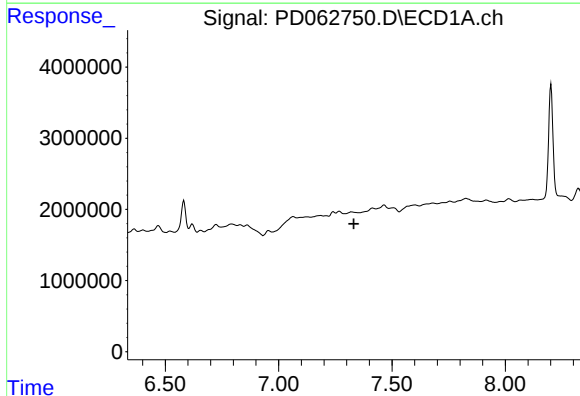
R.T.: 0.000 min
Exp R.T. : 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



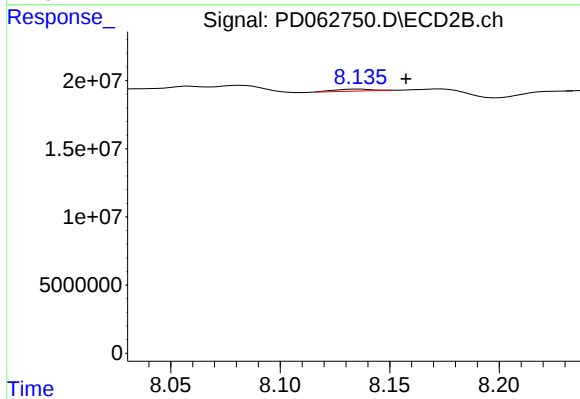
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 32074548
Conc: 2.36 ng/ml



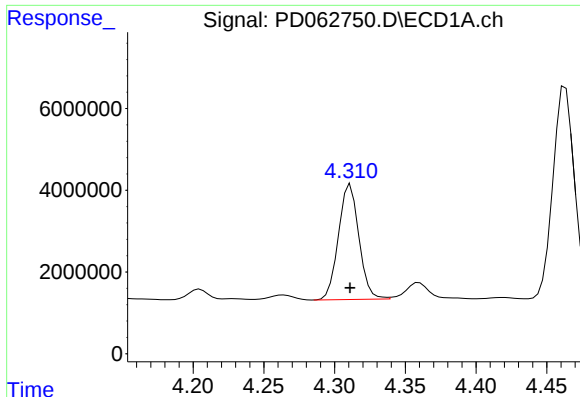
#22 Mirex

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



#22 Mirex

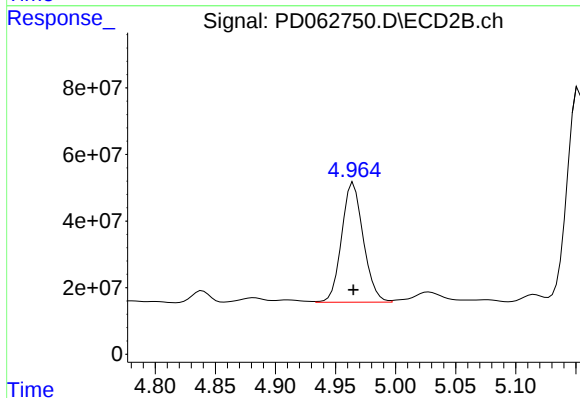
R.T.: 8.136 min
Delta R.T.: -0.021 min
Response: 1678654
Conc: 0.18 ng/ml



#23 Chlordane-1

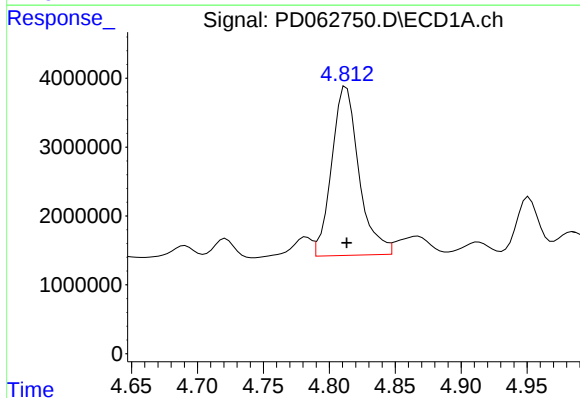
R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 28424223
Conc: 806.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



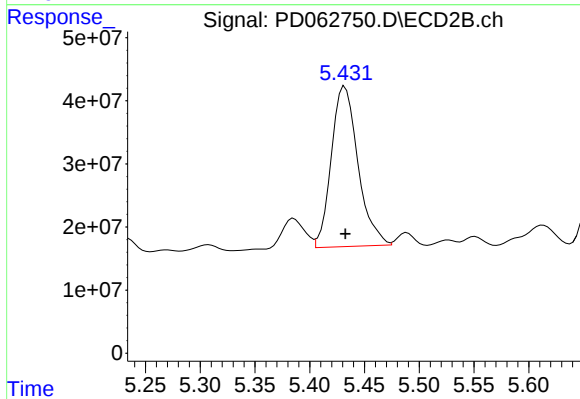
#23 Chlordane-1

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 451529139
Conc: 787.43 ng/ml



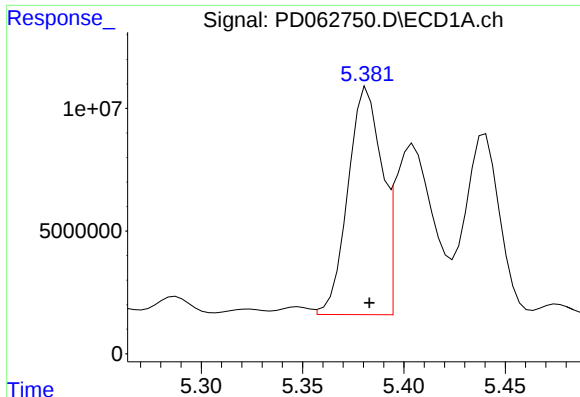
#24 Chlordane-2

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 35303952
Conc: 866.82 ng/ml



#24 Chlordane-2

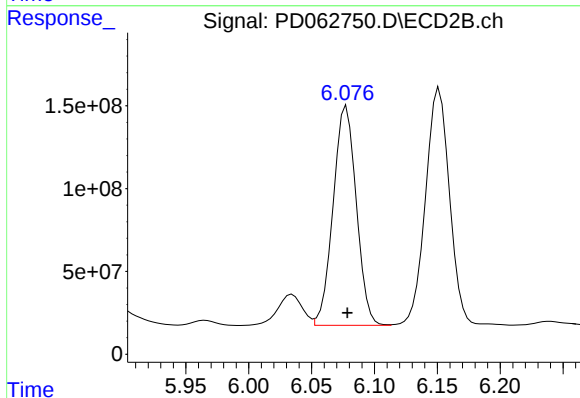
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 430878711
Conc: 807.09 ng/ml



#25 Chlordane-3

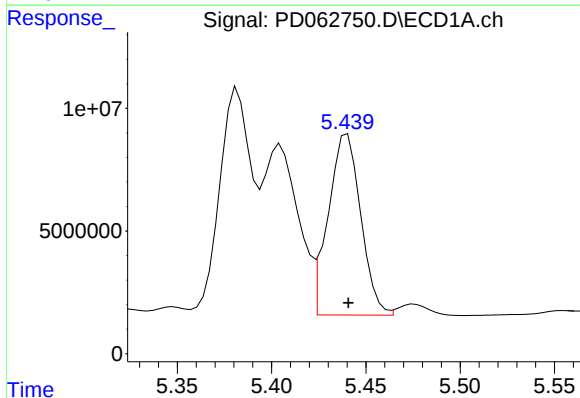
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 106969477
Conc: 902.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



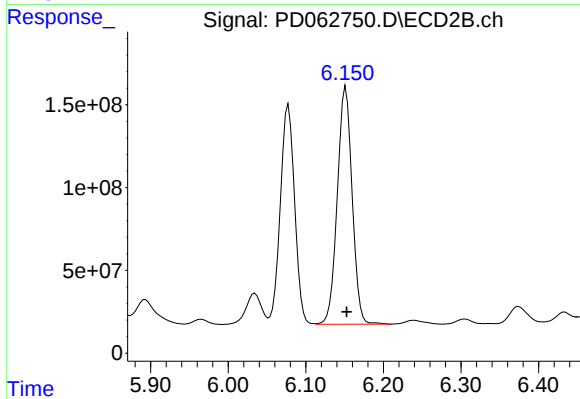
#25 Chlordane-3

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 1697380514
Conc: 759.48 ng/ml



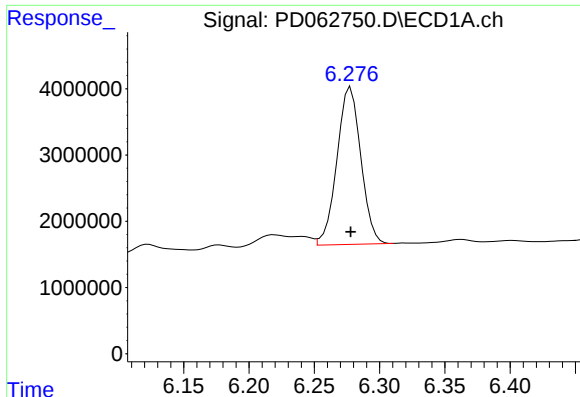
#26 Chlordane-4

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 88383718
Conc: 911.41 ng/ml



#26 Chlordane-4

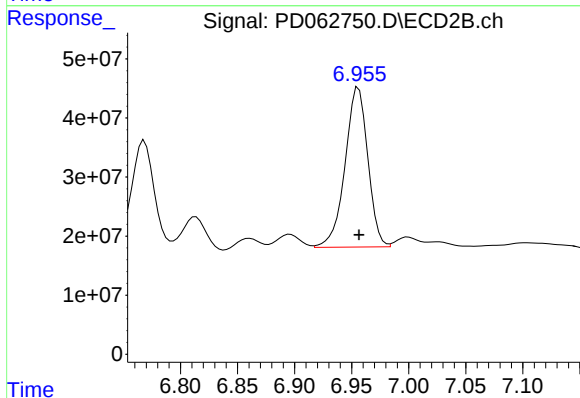
R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 1904040795
Conc: 738.20 ng/ml



#27 Chlordane-5

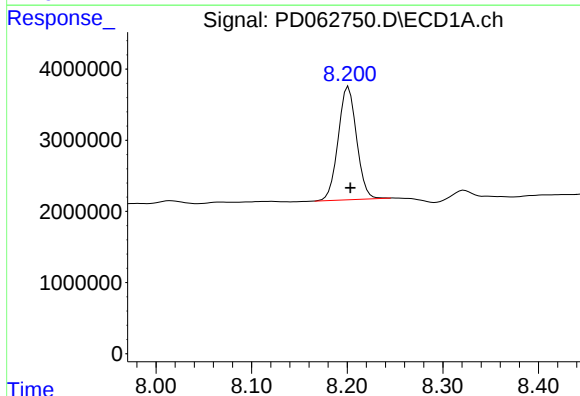
R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 30253792
Conc: 694.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-CHLR-SOIL



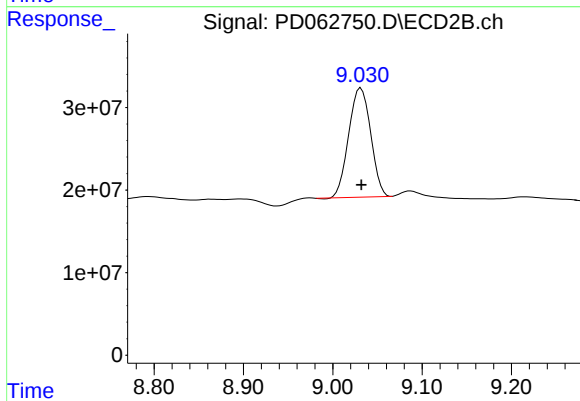
#27 Chlordane-5

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 376288545
Conc: 765.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min
Delta R.T.: -0.002 min
Response: 21301989
Conc: 20.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 226138458
Conc: 19.60 ng/ml