

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
 Data File : PD068182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2022 17:09
 Operator : AR\AJ
 Sample : N1650-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:06:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 13:16:10 2022
 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...	3.450	4.176	27475529	172.8E6	18.873	18.690
28)	SA Decachlor...	8.212	9.371	27029448	98446463	18.862	19.775
Target Compounds							
2)	A alpha-BHC	3.890	4.571	124.0E6	658.0E6	55.767	49.776
3)	MA gamma-BHC...	4.173	4.862	114.5E6	613.7E6	56.027	51.689
4)	MA Heptachlor	4.472	5.390	113.8E6	566.5E6	58.618	55.418
5)	MB Aldrin	4.720	5.702	116.3E6	574.6E6	53.783	49.933
6)	B beta-BHC	4.423	5.025	45574807	259.6E6	53.492	50.172
7)	B delta-BHC	4.627	5.250	115.6E6	609.7E6	56.378	51.511
8)	B Heptachlo...	5.165	6.090	107.0E6	517.4E6	54.888	51.247
9)	A Endosulfan I	5.504	6.453	100.6E6	473.3E6	56.114	52.789
10)	B gamma-Chl...	5.391	6.326	109.3E6	513.1E6	54.975	52.303
11)	B alpha-Chl...	5.450	6.402	107.0E6	499.0E6	54.743	52.074
12)	B 4,4'-DDE	5.616	6.552	101.3E6	473.0E6	55.604	52.354
13)	MA Dieldrin	5.747	6.711	107.1E6	491.9E6	53.987	51.145
14)	MA Endrin	6.005	6.932	95358579	397.6E6	58.119	55.469
15)	B Endosulfa...	6.279	7.136	87018222	383.2E6	51.765	50.180
16)	A 4,4'-DDD	6.134	7.043	85864199	383.8E6	56.017	54.759
17)	MA 4,4'-DDT	6.375	7.345	83157510	348.5E6	60.444	61.462
18)	B Endrin al...	6.449	7.260	64772518	298.9E6	58.675	57.721
19)	B Endosulfa...	6.662	7.485	87535015	369.8E6	55.676	54.116
20)	A Methoxychlor	6.925	7.798	44964031	159.3E6	57.790	58.860
21)	B Endrin ke...	7.155	7.960	98599998	380.2E6	55.184	52.893
22)	Mirex	7.340	8.427	86942203	299.9E6	60.830	59.825
23)	Chlordane-1	4.324	0.000	228144	0	3.760	N.D. #
24)	Chlordane-2	0.000	5.656	0	279778	N.D.	0.678 #
25)	Chlordane-3	5.391	6.326	109.3E6	513.1E6	524.722	353.507 #
26)	Chlordane-4	5.450	6.402	107.0E6	499.0E6	608.692	299.356 #
27)	Chlordane-5	6.279	0.000	87018222	0	1318.038	N.D. #

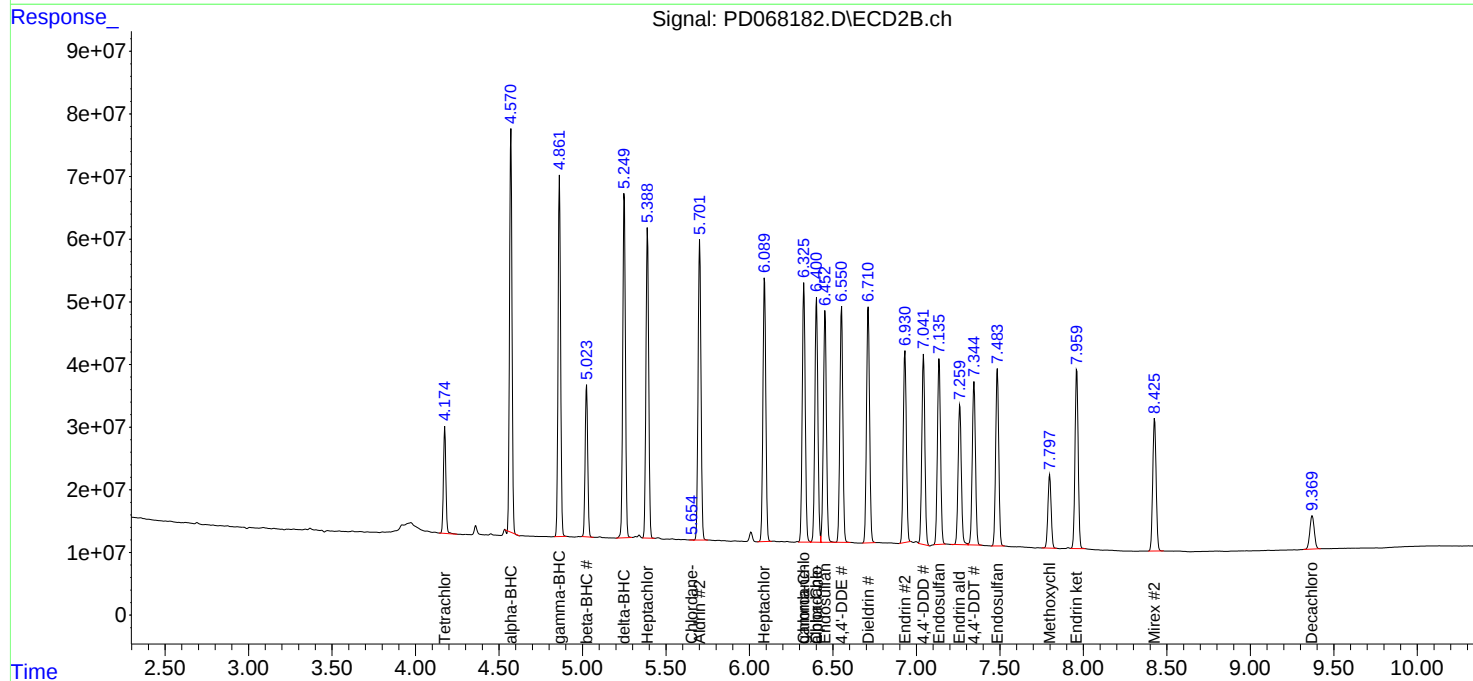
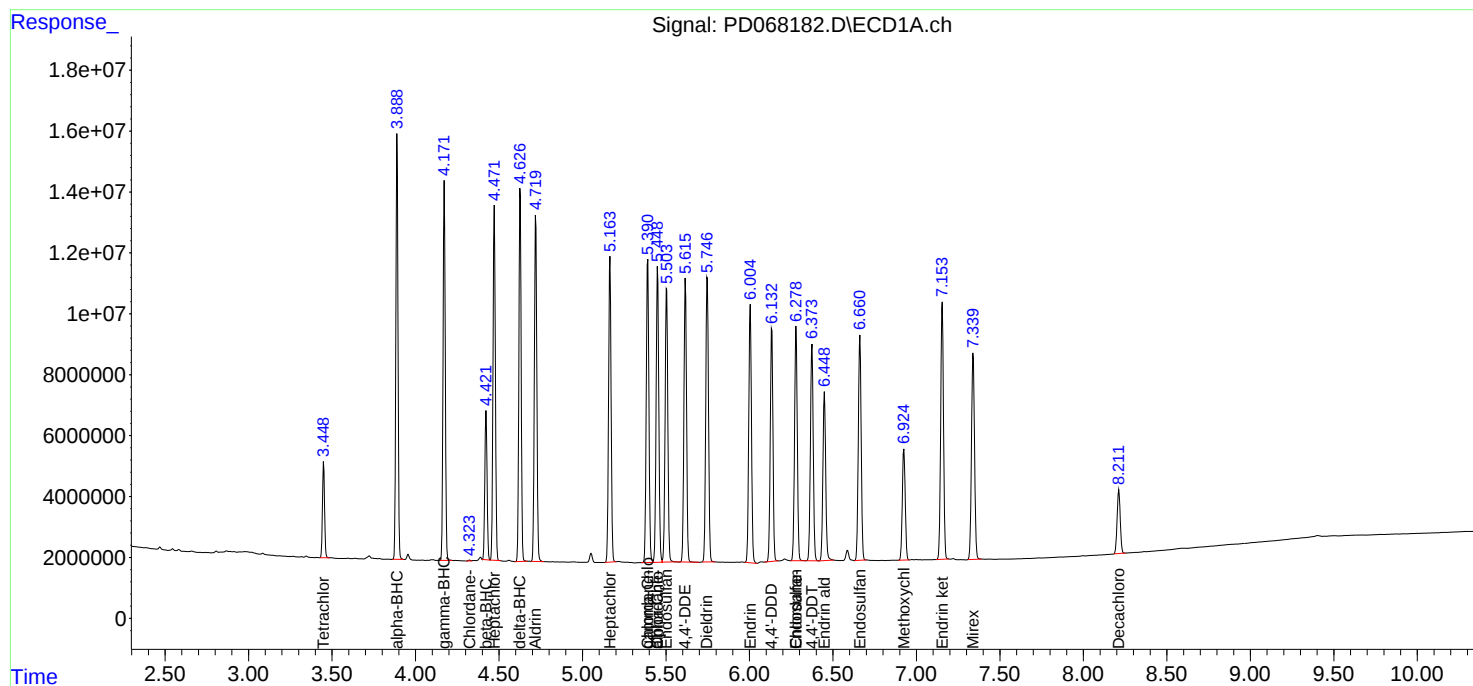
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

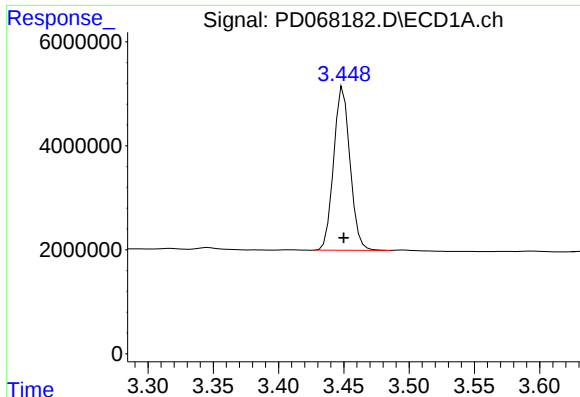
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
Data File : PD068182.D
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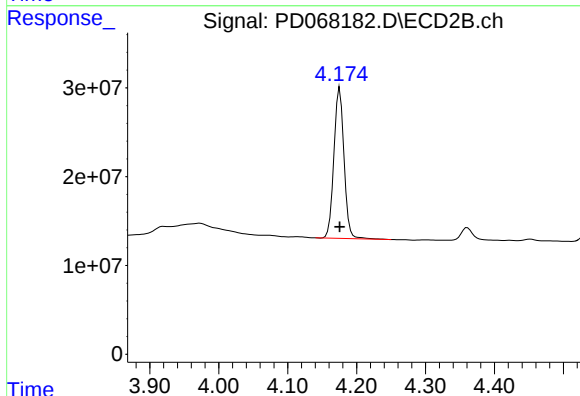




#1 Tetrachloro-m-xylene

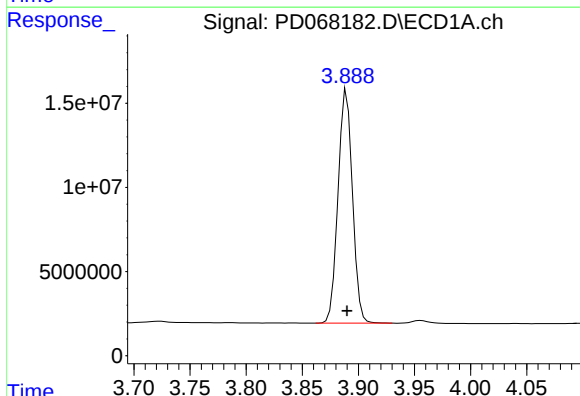
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 27475529
Conc: 18.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



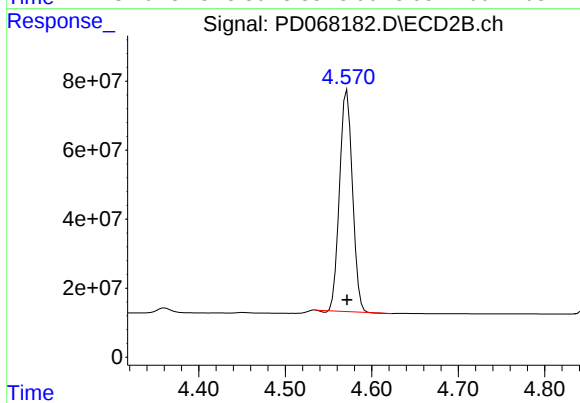
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 172842757
Conc: 18.69 ng/ml



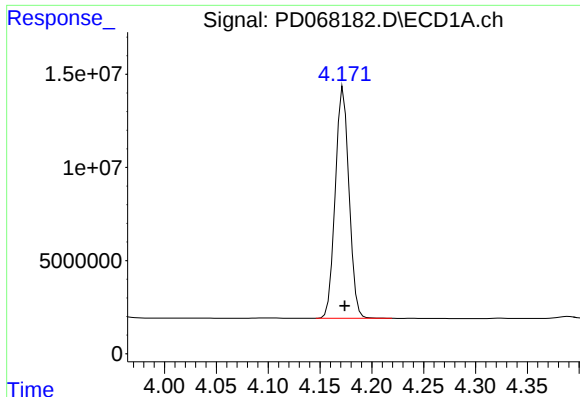
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 123964196
Conc: 55.77 ng/ml



#2 alpha-BHC

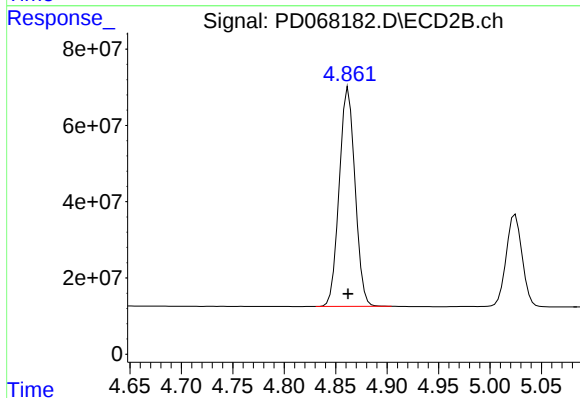
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 657968835
Conc: 49.78 ng/ml



#3 gamma-BHC (Lindane)

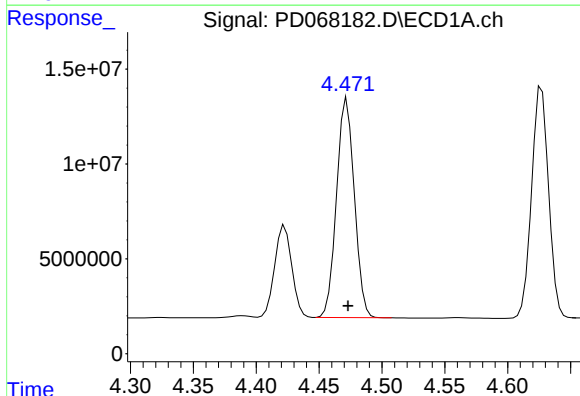
R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 114498589
Conc: 56.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



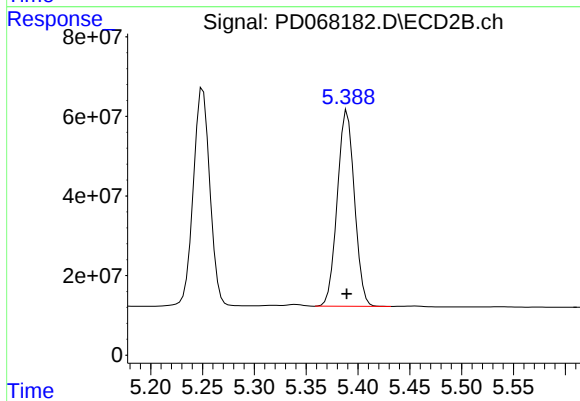
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 613735304
Conc: 51.69 ng/ml



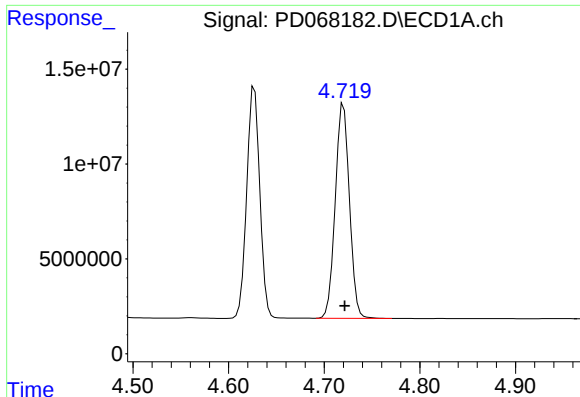
#4 Heptachlor

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 113798321
Conc: 58.62 ng/ml



#4 Heptachlor

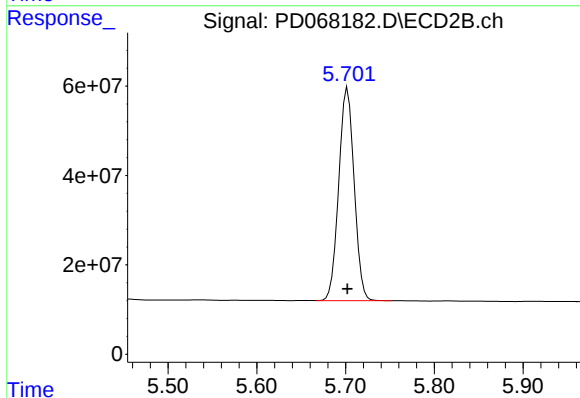
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 566507964
Conc: 55.42 ng/ml



#5 Aldrin

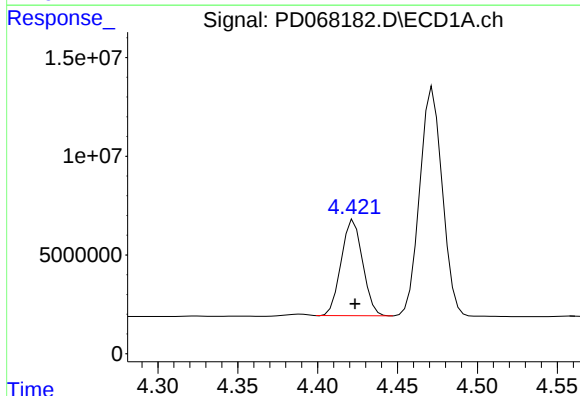
R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 116296732
Conc: 53.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



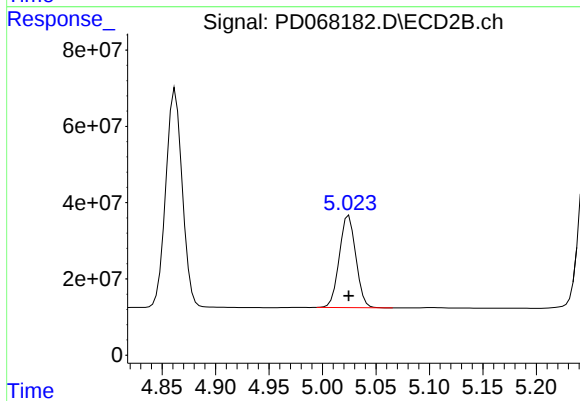
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 574638393
Conc: 49.93 ng/ml



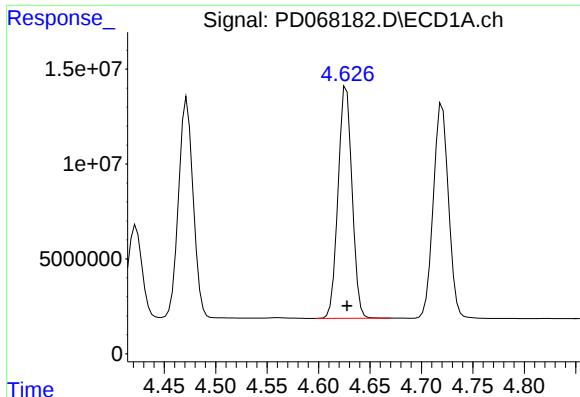
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 45574807
Conc: 53.49 ng/ml



#6 beta-BHC

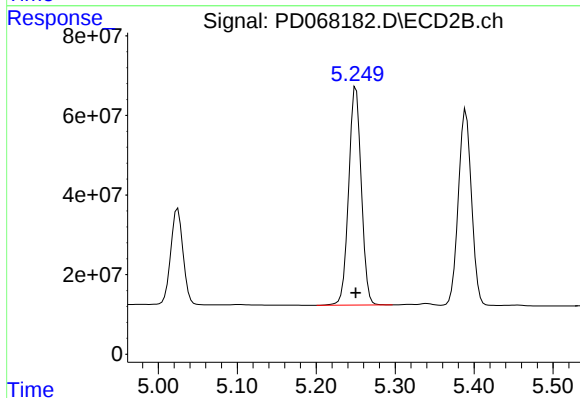
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 259589829
Conc: 50.17 ng/ml



#7 delta-BHC

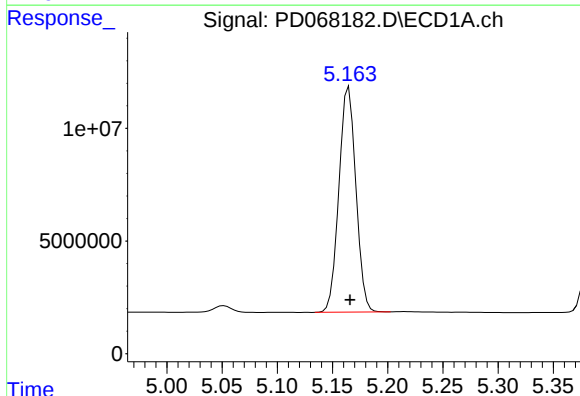
R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 115550340
Conc: 56.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



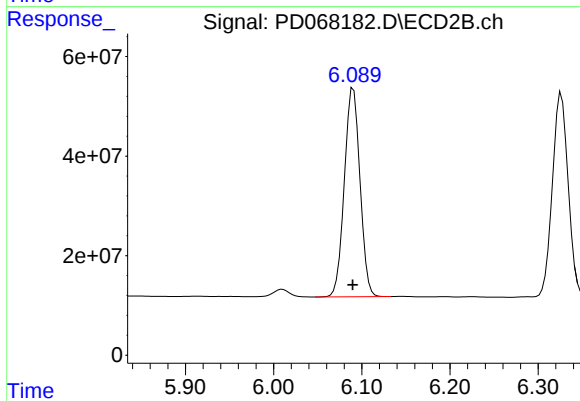
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 609727628
Conc: 51.51 ng/ml



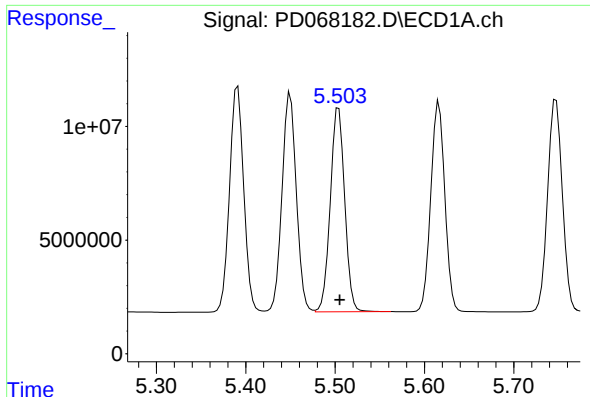
#8 Heptachlor epoxide

R.T.: 5.165 min
Delta R.T.: -0.001 min
Response: 106985088
Conc: 54.89 ng/ml



#8 Heptachlor epoxide

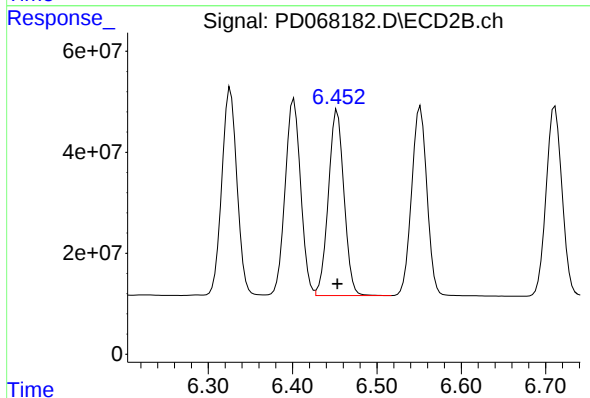
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 517382398
Conc: 51.25 ng/ml



#9 Endosulfan I

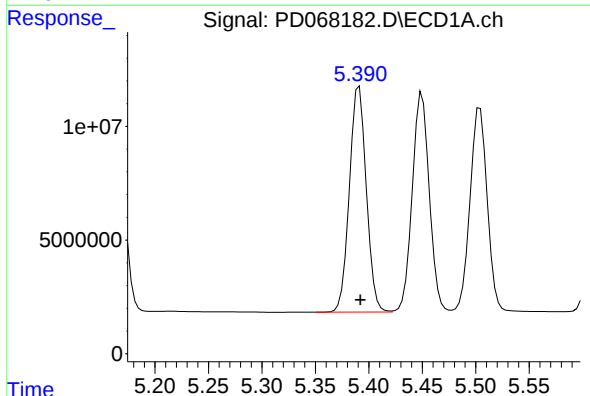
R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 100600355
Conc: 56.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



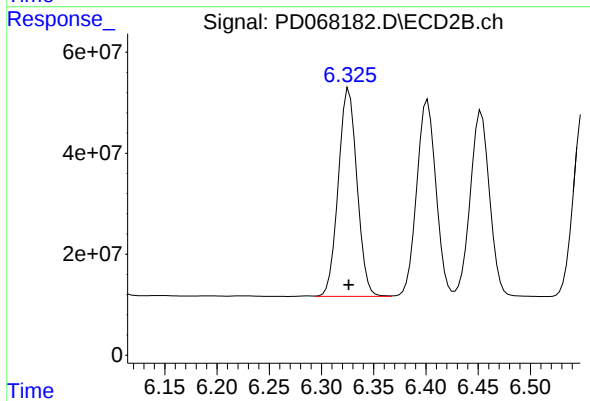
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 473293415
Conc: 52.79 ng/ml



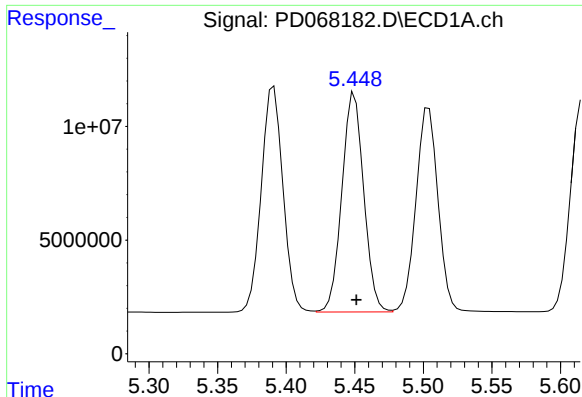
#10 gamma-Chlordane

R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 109338983
Conc: 54.97 ng/ml



#10 gamma-Chlordane

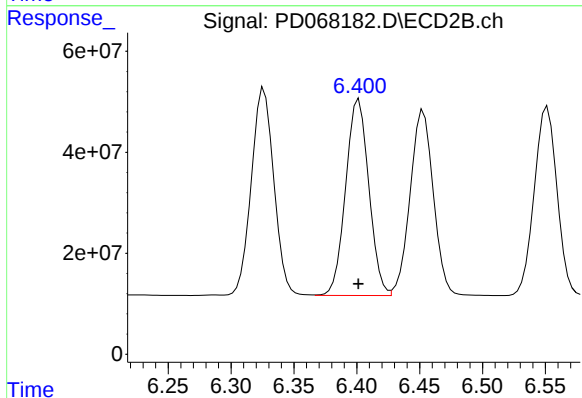
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 513125492
Conc: 52.30 ng/ml



#11 alpha-Chlordane

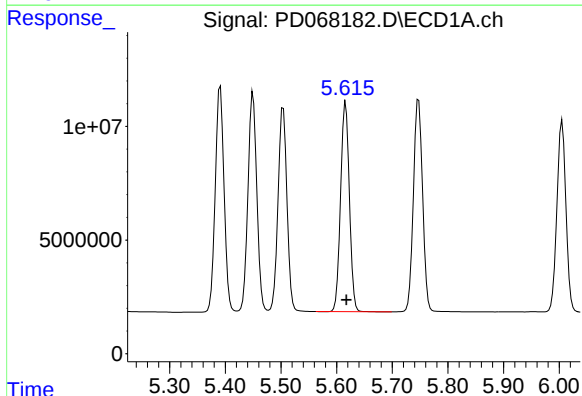
R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 107045161
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



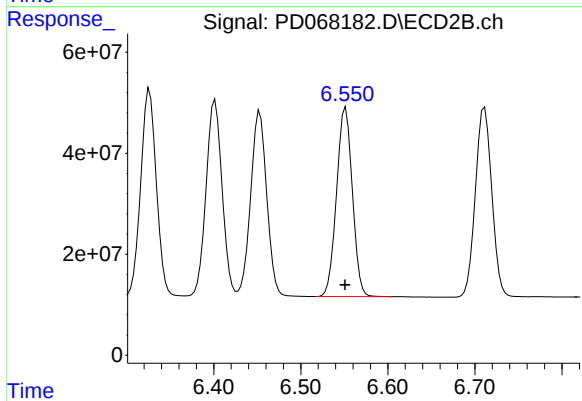
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 498995247
Conc: 52.07 ng/ml



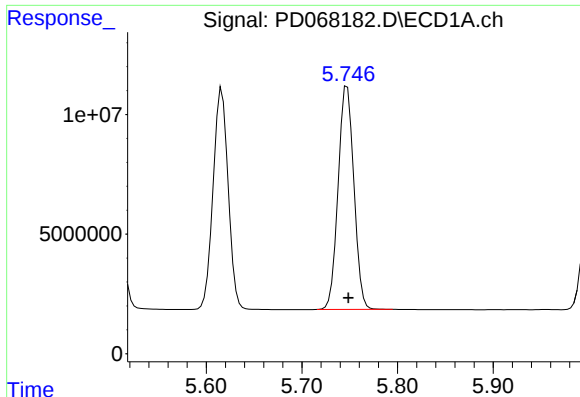
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 101286872
Conc: 55.60 ng/ml



#12 4,4'-DDE

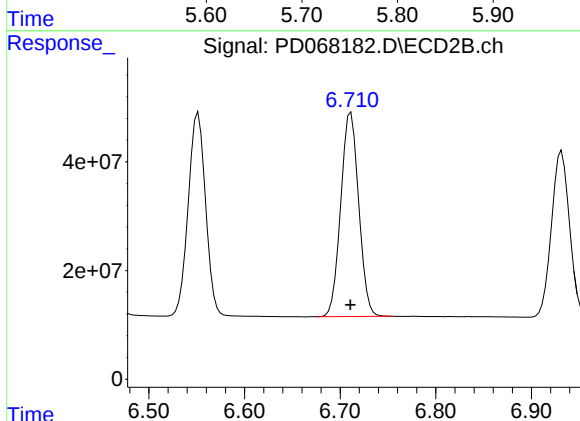
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 472976959
Conc: 52.35 ng/ml



#13 Dieldrin

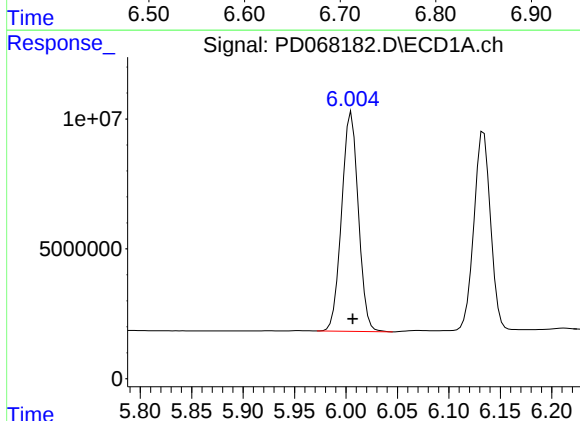
R.T.: 5.747 min
Delta R.T.: -0.001 min
Response: 107076470
Conc: 53.99 ng/ml

Instrument :
ECD_D
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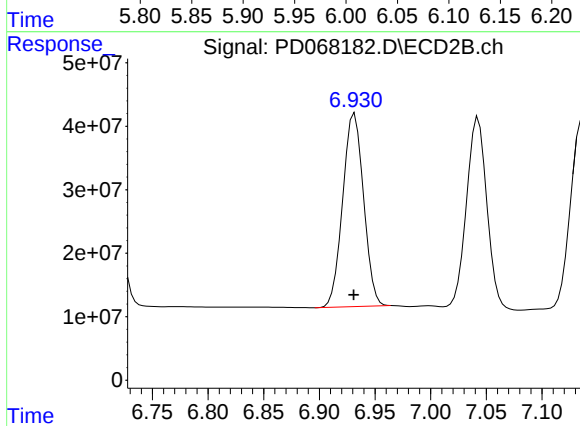
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 491864028
Conc: 51.14 ng/ml



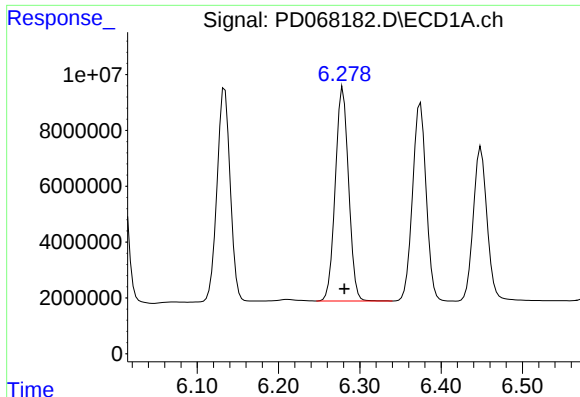
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.001 min
Response: 95358579
Conc: 58.12 ng/ml



#14 Endrin

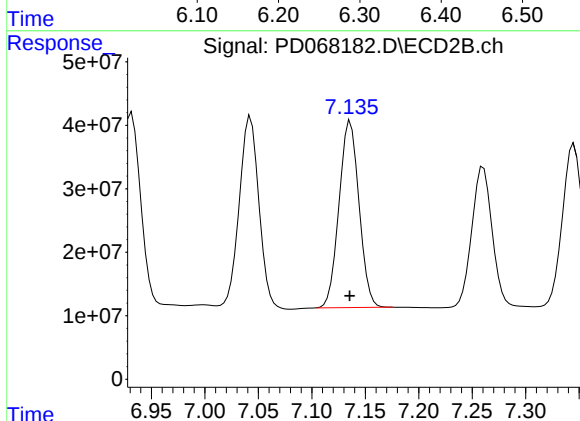
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 397551102
Conc: 55.47 ng/ml



#15 Endosulfan II

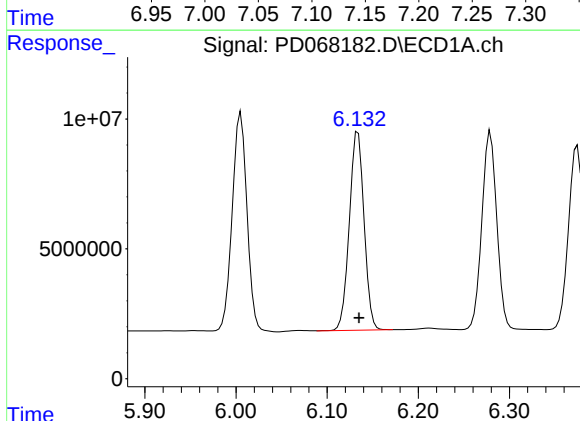
R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 87018222
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



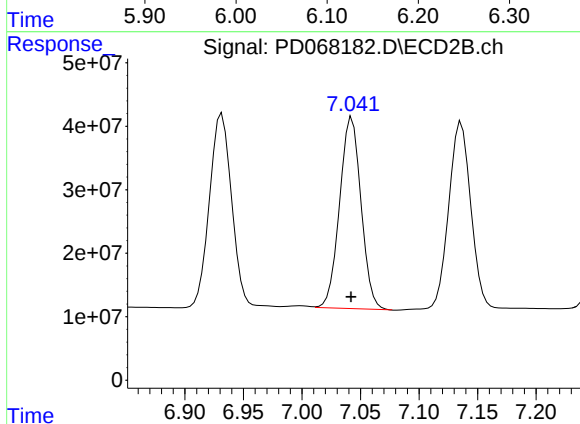
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 383204339
Conc: 50.18 ng/ml



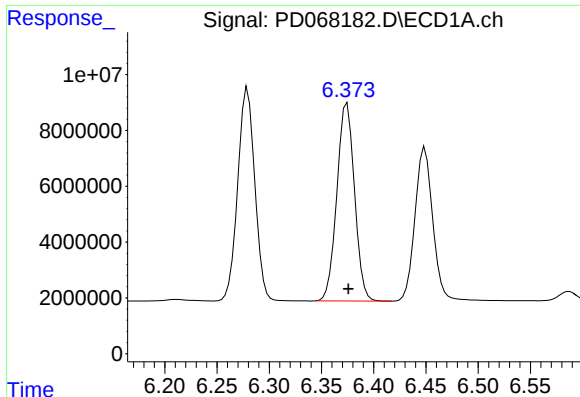
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 85864199
Conc: 56.02 ng/ml



#16 4,4'-DDD

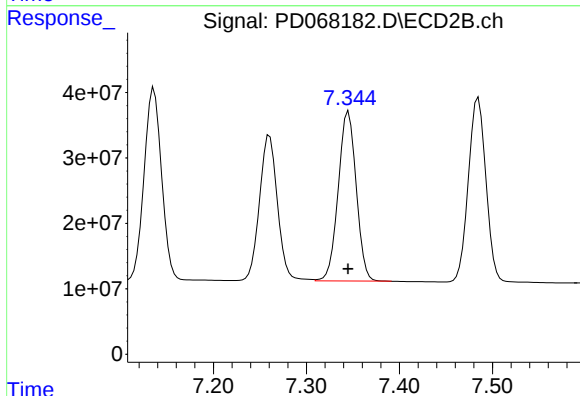
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 383799371
Conc: 54.76 ng/ml



#17 4,4'-DDT

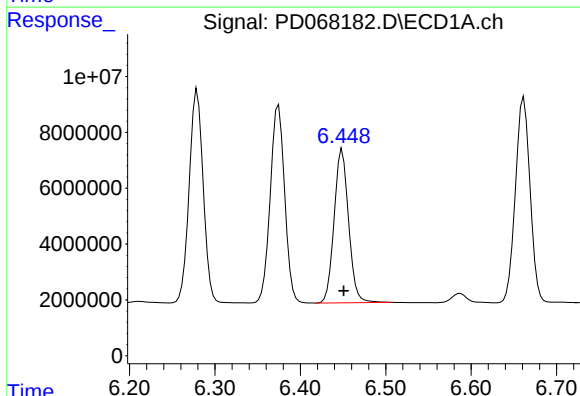
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 83157510
Conc: 60.44 ng/ml

Instrument :
ECD_D
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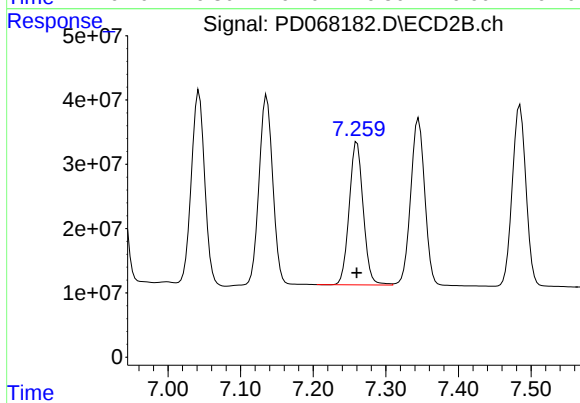
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 348466632
Conc: 61.46 ng/ml



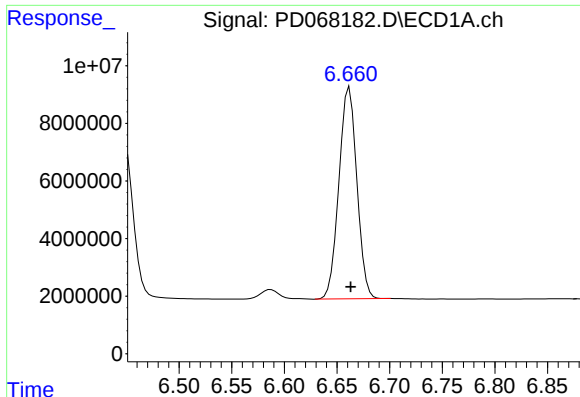
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 64772518
Conc: 58.68 ng/ml



#18 Endrin aldehyde

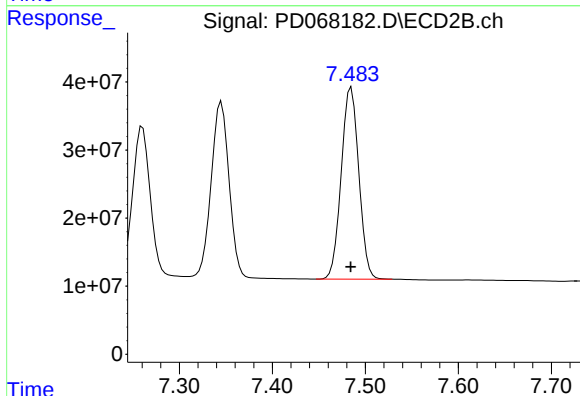
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 298923822
Conc: 57.72 ng/ml



#19 Endosulfan Sulfate

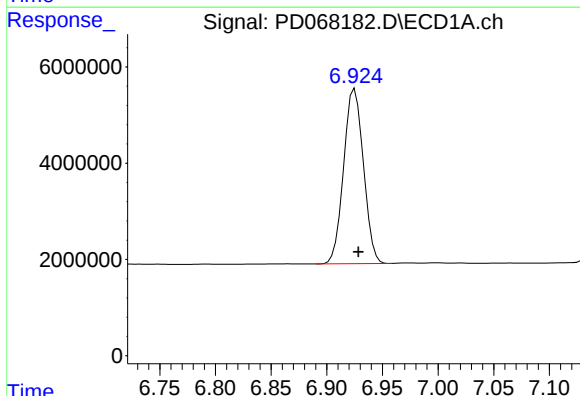
R.T.: 6.662 min
Delta R.T.: -0.001 min
Response: 87535015
Conc: 55.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



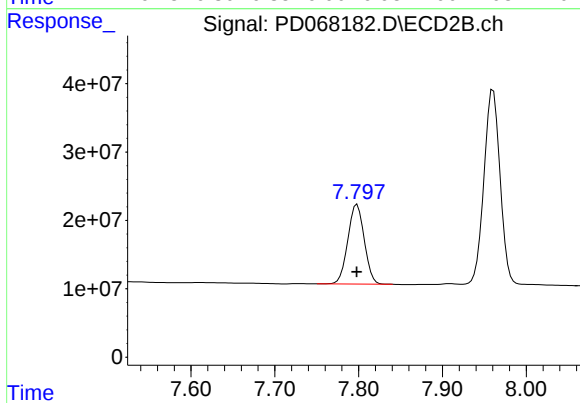
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 369780234
Conc: 54.12 ng/ml



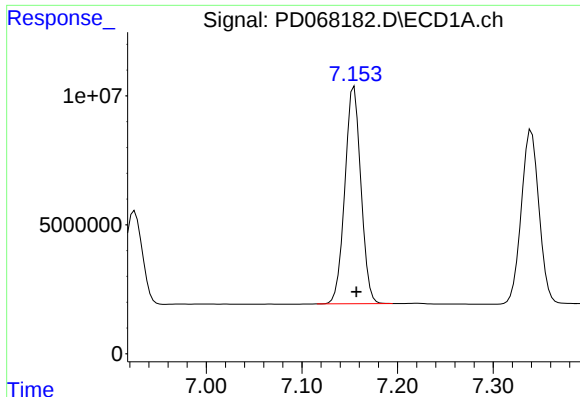
#20 Methoxychlor

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 44964031
Conc: 57.79 ng/ml



#20 Methoxychlor

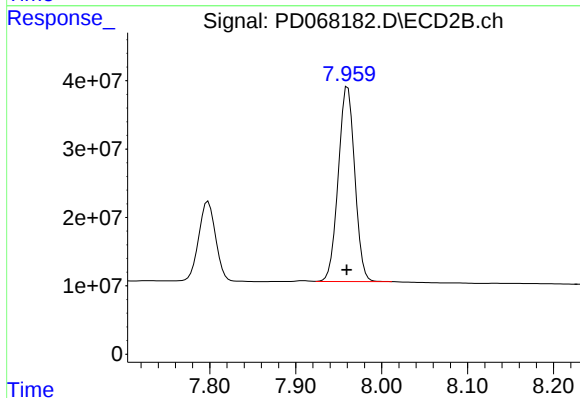
R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 159300074
Conc: 58.86 ng/ml



#21 Endrin ketone

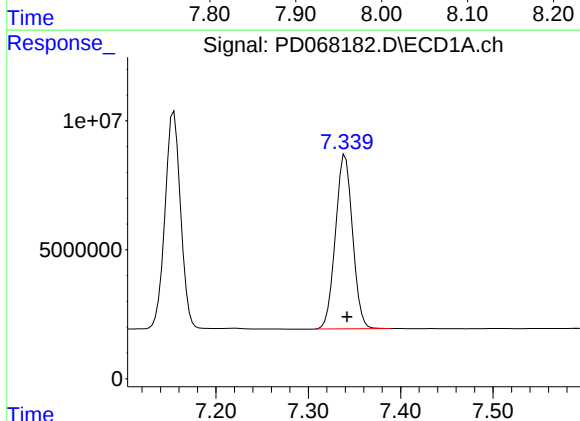
R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 98599998
Conc: 55.18 ng/ml

Instrument :
ECD_D
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SW-SURFICIAL-SOIL-(SW-SS)MSD



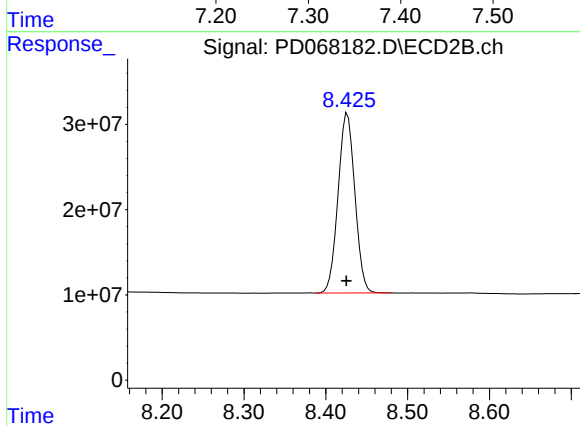
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 380188492
Conc: 52.89 ng/ml



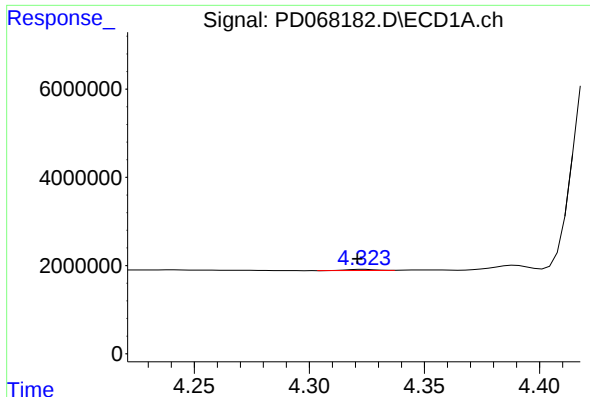
#22 Mirex

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 86942203
Conc: 60.83 ng/ml



#22 Mirex

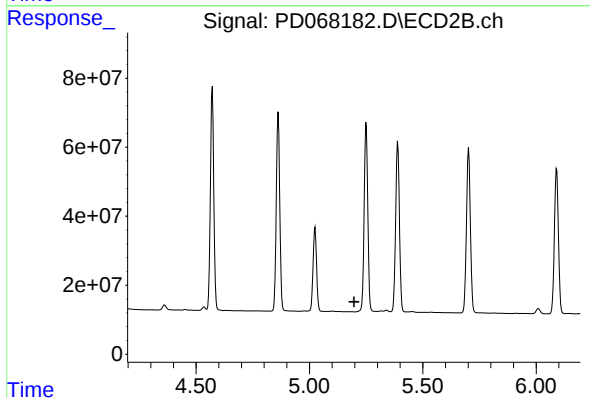
R.T.: 8.427 min
Delta R.T.: 0.001 min
Response: 299892830
Conc: 59.83 ng/ml



#23 Chlordane-1

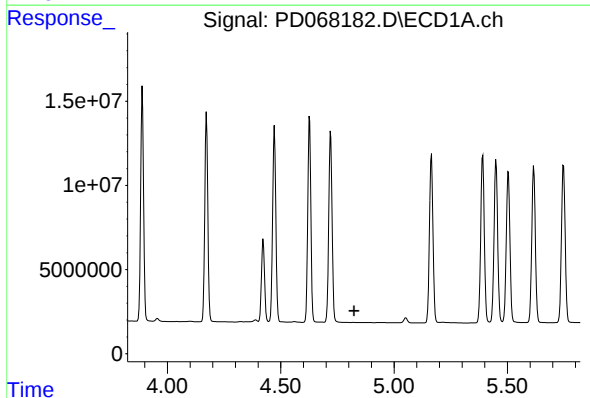
R.T.: 4.324 min
Delta R.T.: 0.003 min
Response: 228144
Conc: 3.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



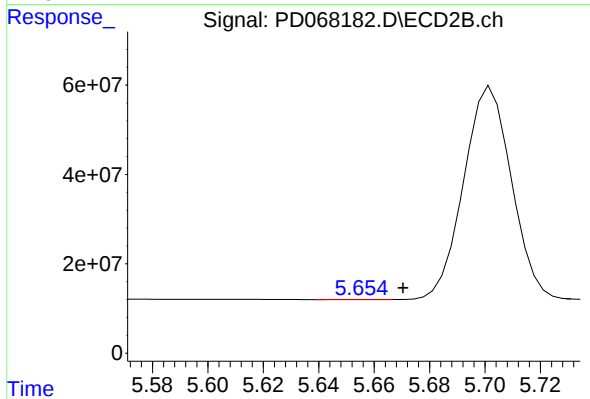
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.197 min
Response: 0
Conc: N.D.



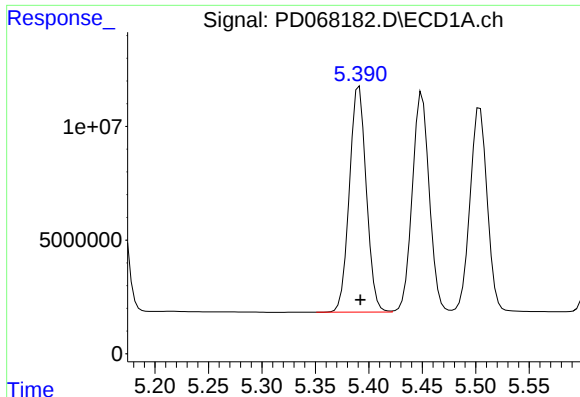
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.823 min
Response: 0
Conc: N.D.



#24 Chlordane-2

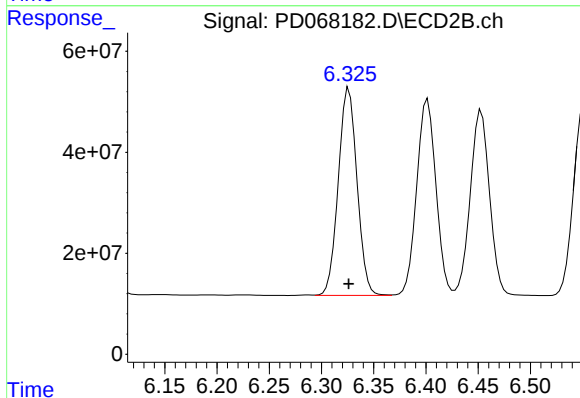
R.T.: 5.656 min
Delta R.T.: -0.015 min
Response: 279778
Conc: 0.68 ng/ml



#25 Chlordane-3

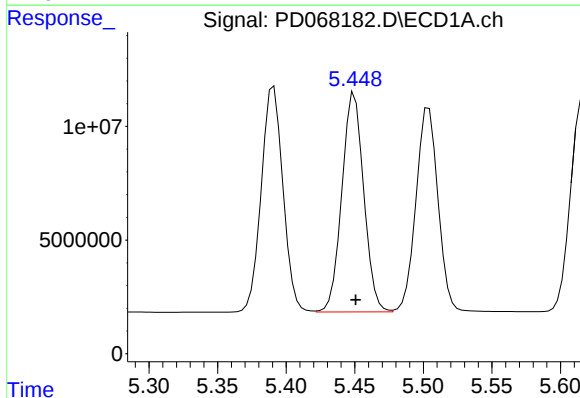
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 109338983
Conc: 524.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



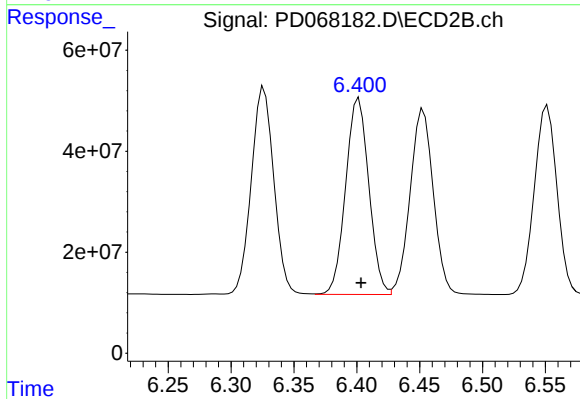
#25 Chlordane-3

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 513125492
Conc: 353.51 ng/ml



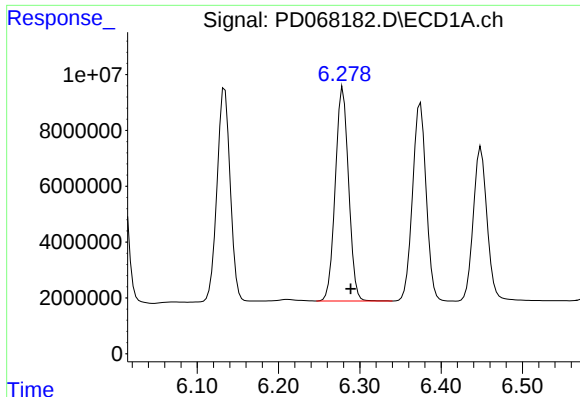
#26 Chlordane-4

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 107045161
Conc: 608.69 ng/ml



#26 Chlordane-4

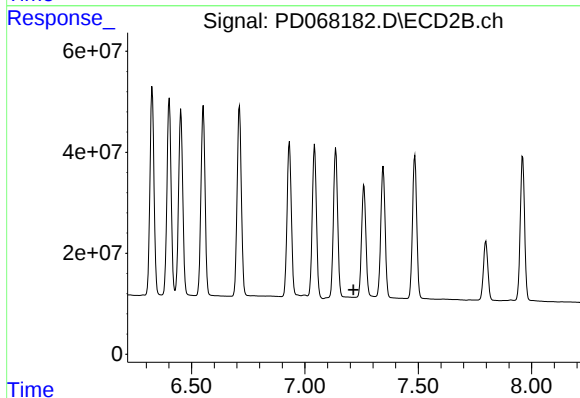
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 498995247
Conc: 299.36 ng/ml



#27 Chlordane-5

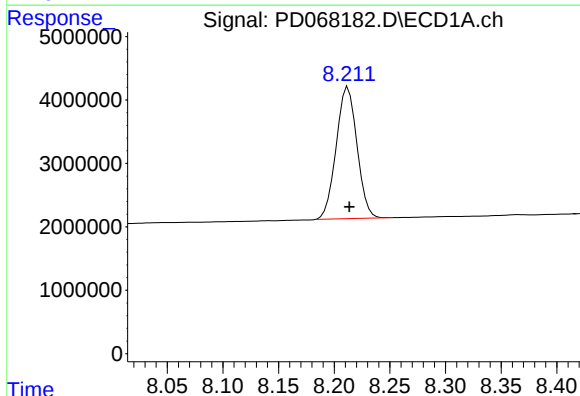
R.T.: 6.279 min
Delta R.T.: -0.009 min
Response: 87018222
Conc: 1318.04 ng/m

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MSD



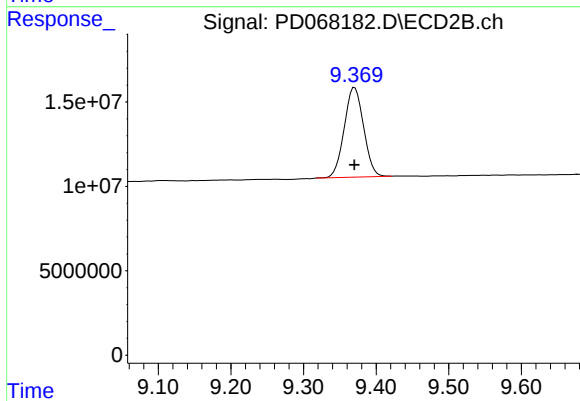
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.215 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 27029448
Conc: 18.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 98446463
Conc: 19.78 ng/ml