

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
 Data File : PD054208.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 15:00
 Operator : SM\AJ
 Sample : SOIL IDOC 04
 Misc : FOR STEPHEN
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL IDOC 04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 01:02:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.312	3.983	11743560	18753469	20.404	21.528
28)	SA Decachlor...	8.007	9.025	11492635	16593063	17.072	17.899
Target Compounds							
2)	A alpha-BHC	3.742	4.370	49448855	74902157	57.094	59.378
3)	MA gamma-BHC...	4.019	4.653	46929027	71001273	57.210	57.889
4)	MA Heptachlor	4.307	5.161	42108041	70485969	57.783	56.267
5)	MB Aldrin	4.549	5.465	45305286	67482329	57.011	54.883
6)	B beta-BHC	4.269	4.820	20104499	32409338	57.079	57.885
7)	B delta-BHC	4.465	5.036	44581339	67449600	53.172	52.109
8)	B Heptachlor...	4.986	5.848	42313704	67295804	55.777	55.650
9)	A Endosulfan I	5.318	6.204	39316099	59356932	52.917	51.114
10)	B gamma-Chl...	5.209	6.081	42919513	66452080	52.766	50.447
11)	B alpha-Chl...	5.267	6.154	42242963	64902068	52.143	49.985
12)	B 4,4'-DDE	5.436	6.309	39778471	60091436	50.200	48.906
13)	MA Dieldrin	5.559	6.460	42744270	63499967	52.633	50.535
14)	MA Endrin	5.814	6.677	32936155	44950510	43.980	42.887
15)	B Endosulfa...	6.087	6.883	37129151	56130313	49.622	48.541
16)	A 4,4'-DDD	5.947	6.796	30041385	50082232	50.195	49.572
17)	MA 4,4'-DDT	6.184	7.095	25776495	44501490	44.759	45.173
18)	B Endrin al...	6.256	7.006	31582940	49211577	49.723	49.482
19)	B Endosulfa...	6.467	7.228	32078294	49743078	45.633	45.776
20)	A Methoxychlor	6.734	7.550	12932053	23284405	45.252	43.396
21)	B Endrin ke...	6.953	7.698	40081073	59815293	50.013	49.196
22)	Mirex	7.130	8.153	27807181	38934815	42.743	42.243
24)	Chlordane-2	0.000	5.465f	0	67482329	N.D.	1592.187 #
25)	Chlordane-3	5.209	6.081	42919513	66452080	539.654	379.474 #
26)	Chlordane-4	5.267	6.154	42242963	64902068	613.787	306.612 #
27)	Chlordane-5	6.087	0.000	37129151	0	1390.071	N.D. #

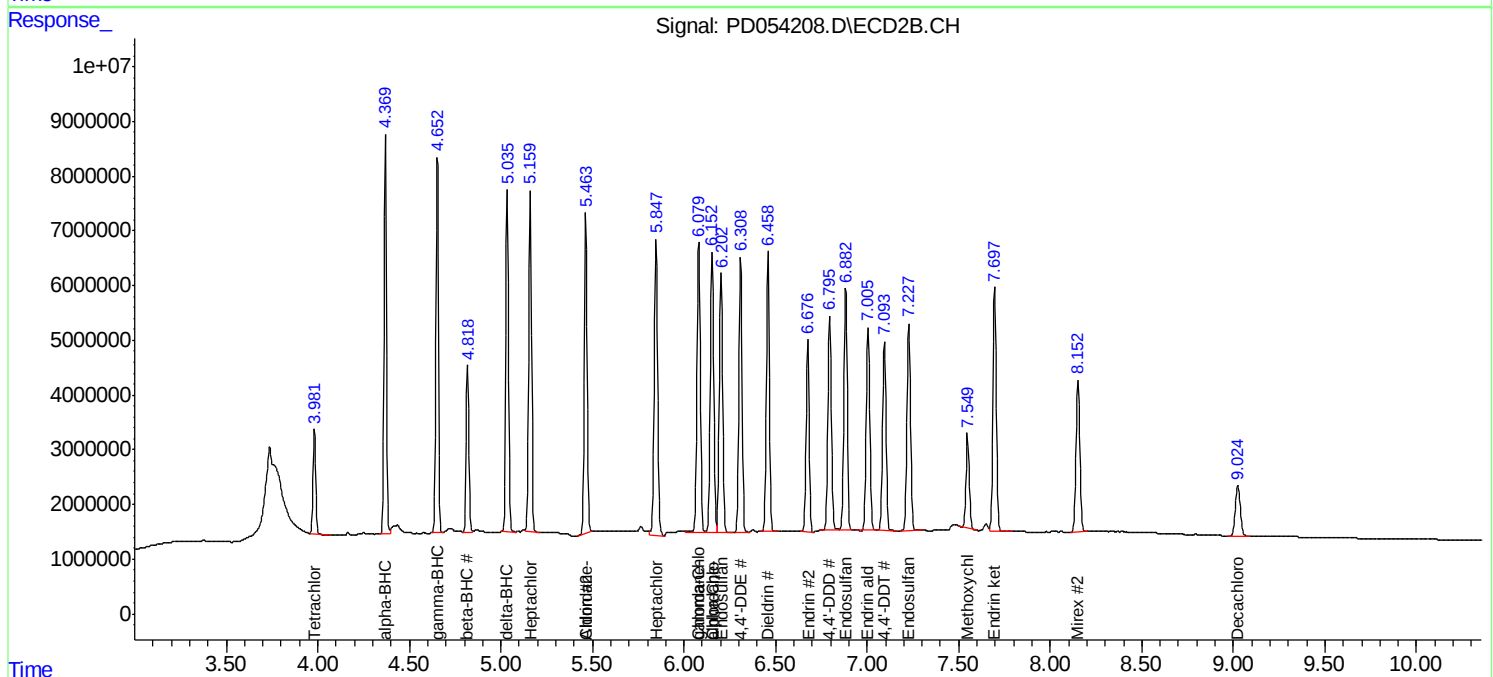
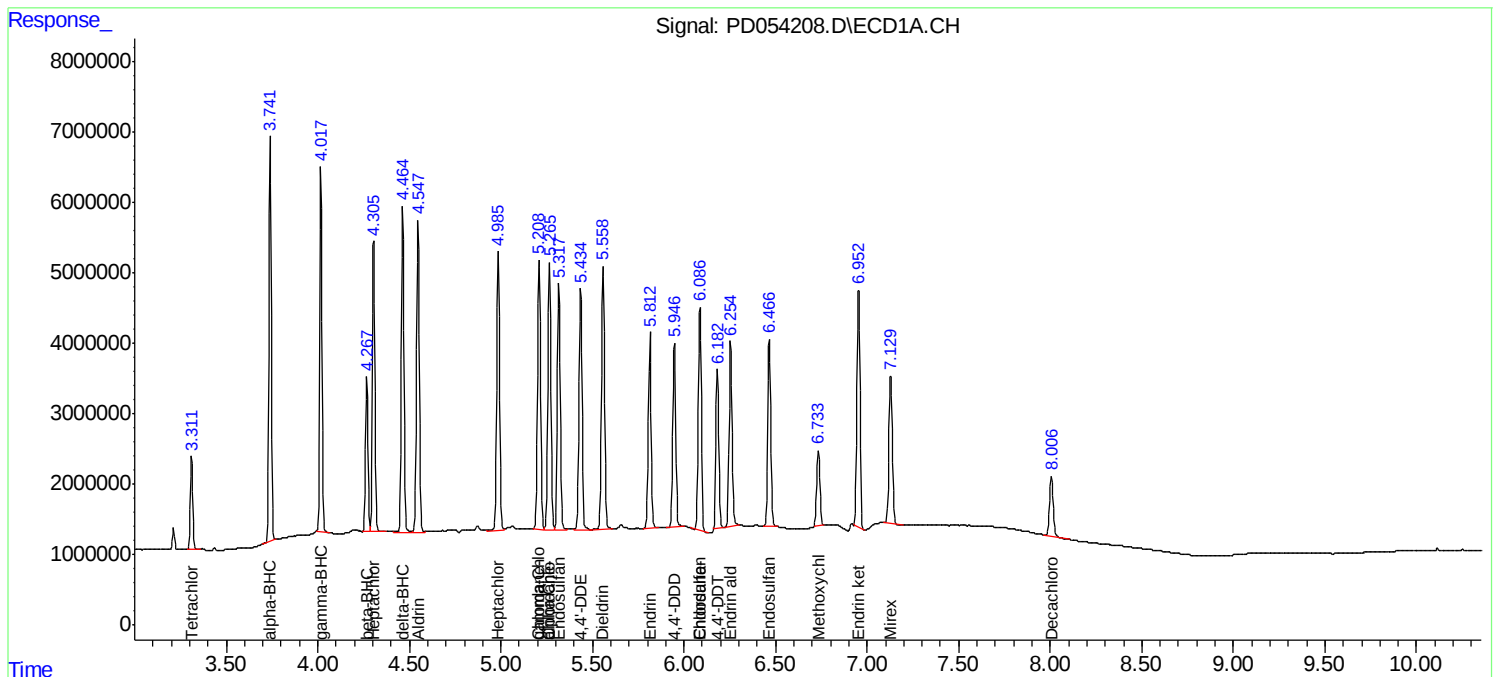
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

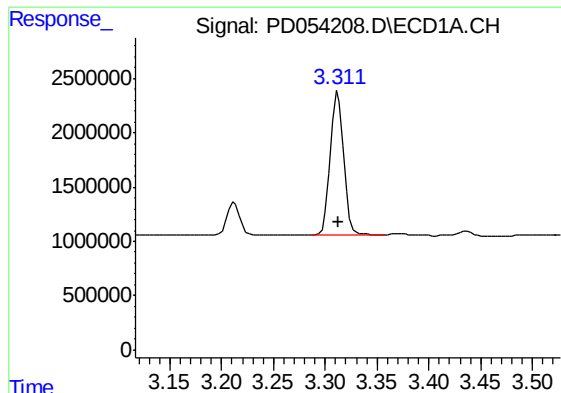
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
Data File : PD054208.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Aug 2019 15:00
Operator : SM\AJ
Sample : SOIL IDOC 04
Misc : FOR STEPHEN
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 01:02:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
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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

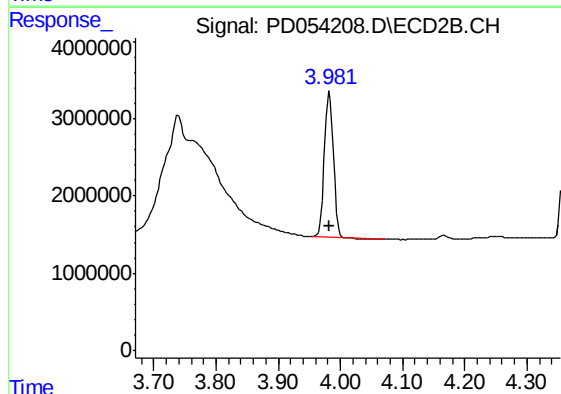




#1 Tetrachloro-m-xylene

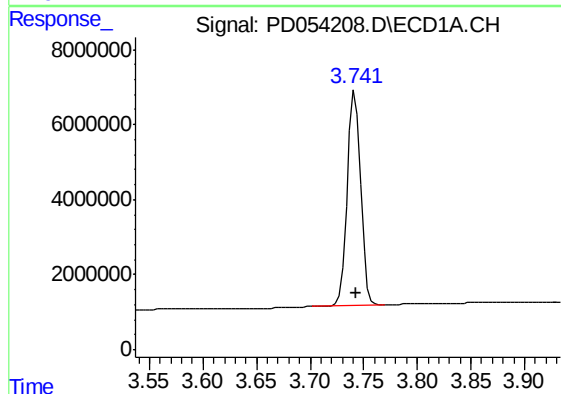
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 11743560
Conc: 20.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



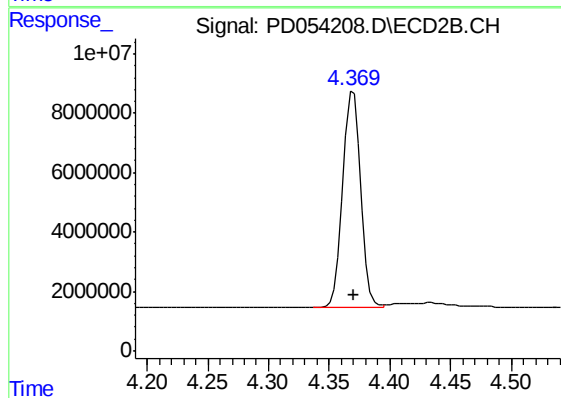
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18753469
Conc: 21.53 ng/ml



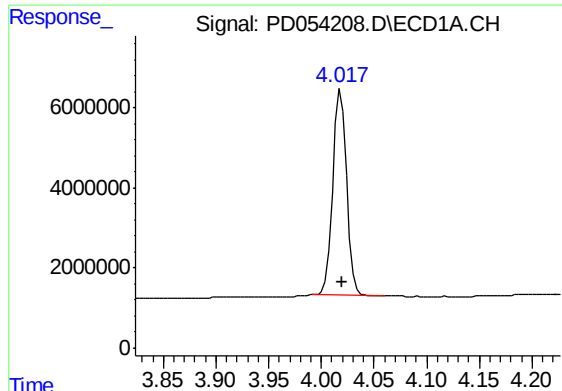
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 49448855
Conc: 57.09 ng/ml



#2 alpha-BHC

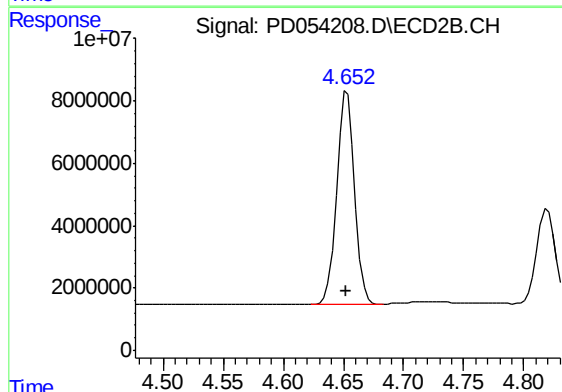
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 74902157
Conc: 59.38 ng/ml



#3 gamma-BHC (Lindane)

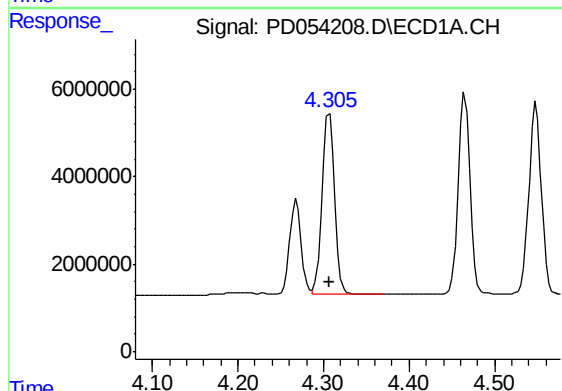
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 46929027
Conc: 57.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



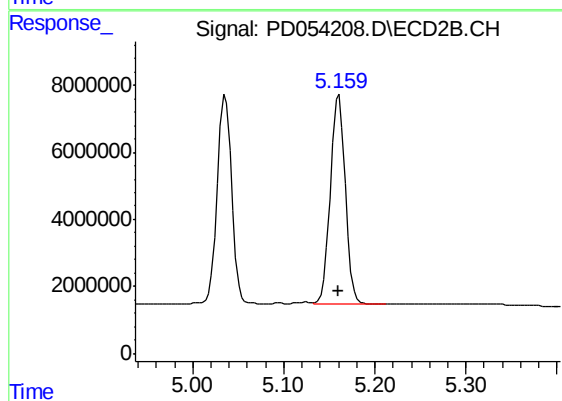
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 71001273
Conc: 57.89 ng/ml



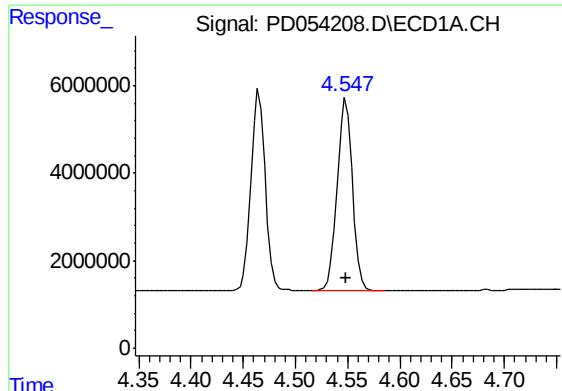
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 42108041
Conc: 57.78 ng/ml



#4 Heptachlor

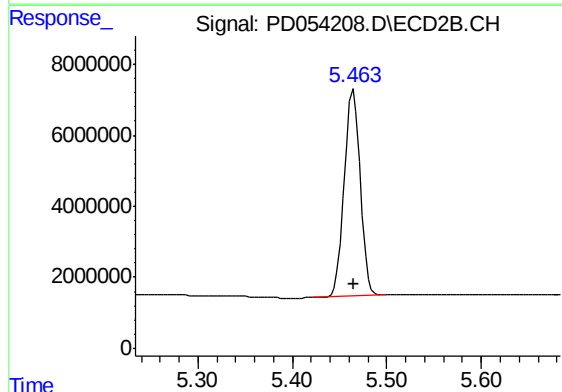
R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 70485969
Conc: 56.27 ng/ml



#5 Aldrin

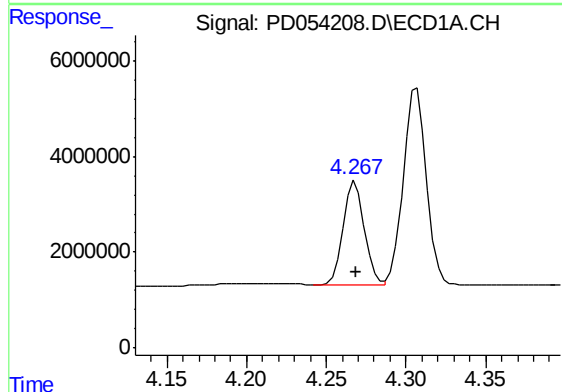
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 45305286
Conc: 57.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



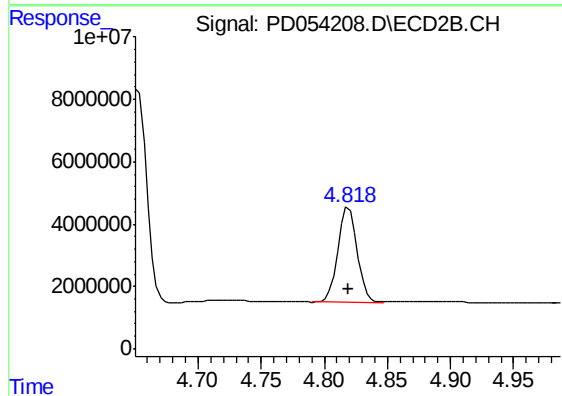
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 67482329
Conc: 54.88 ng/ml



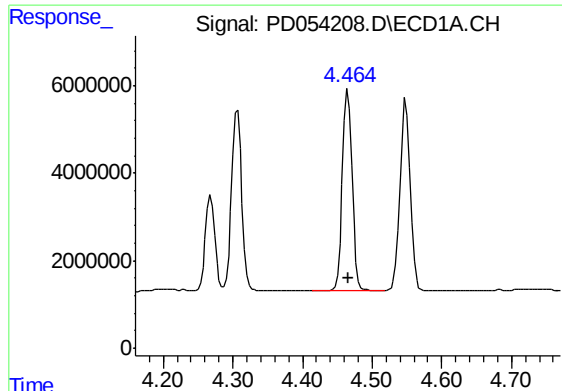
#6 beta-BHC

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 20104499
Conc: 57.08 ng/ml



#6 beta-BHC

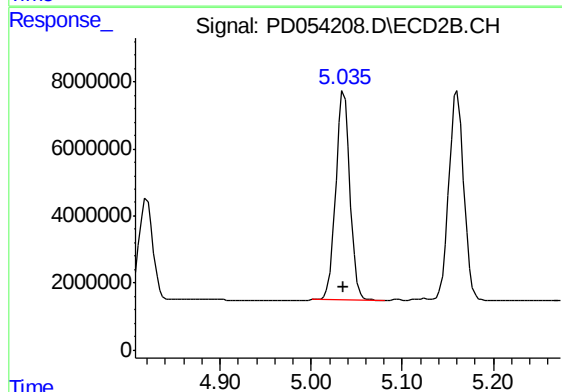
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 32409338
Conc: 57.88 ng/ml



#7 delta-BHC

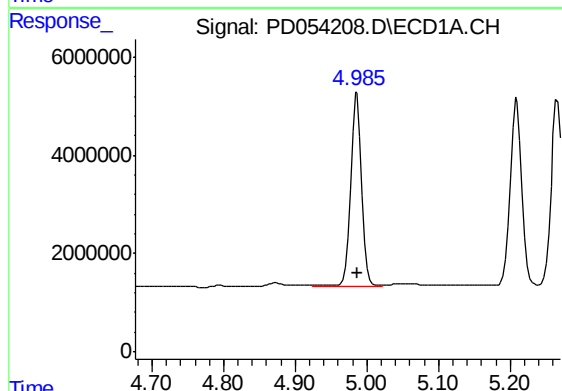
R.T.: 4.465 min
Delta R.T.: -0.001 min
Response: 44581339
Conc: 53.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



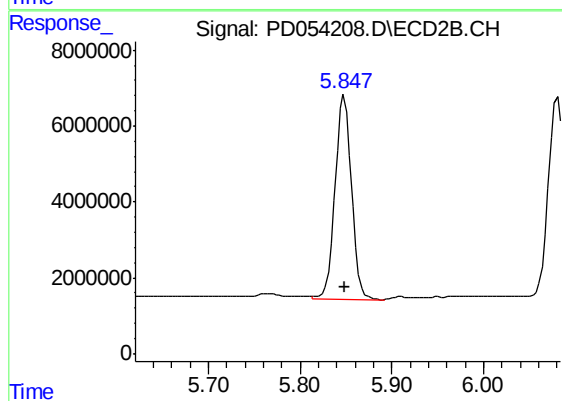
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 67449600
Conc: 52.11 ng/ml



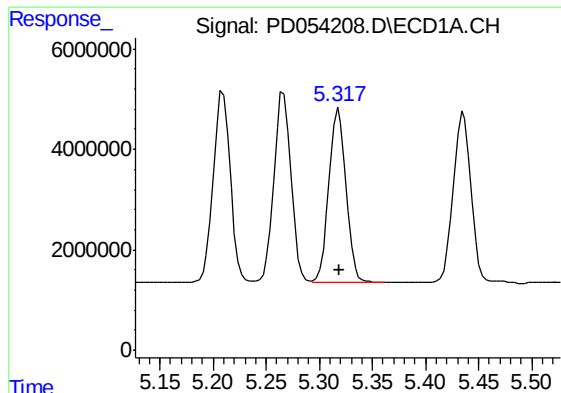
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 42313704
Conc: 55.78 ng/ml



#8 Heptachlor epoxide

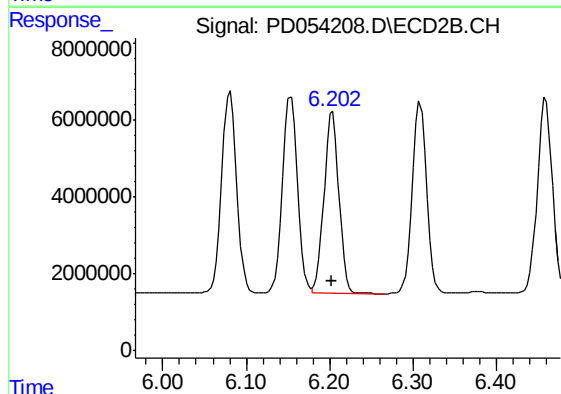
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 67295804
Conc: 55.65 ng/ml



#9 Endosulfan I

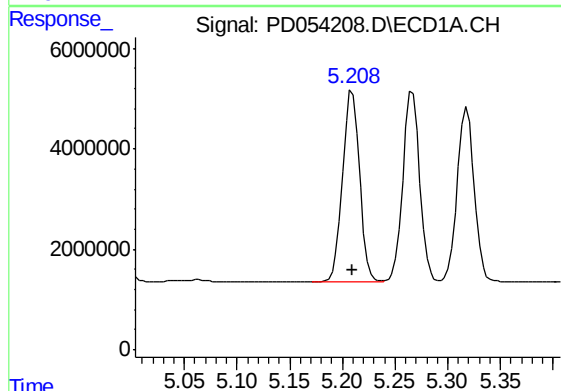
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 39316099
Conc: 52.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



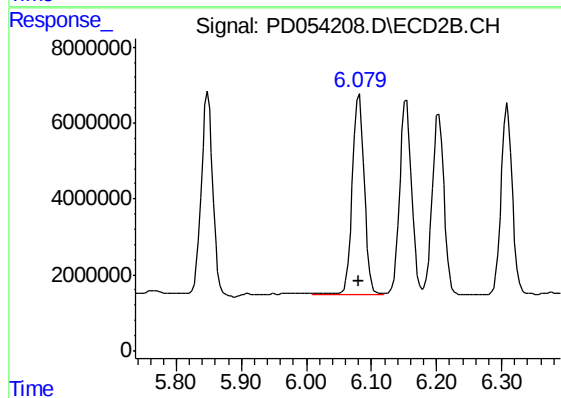
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 59356932
Conc: 51.11 ng/ml



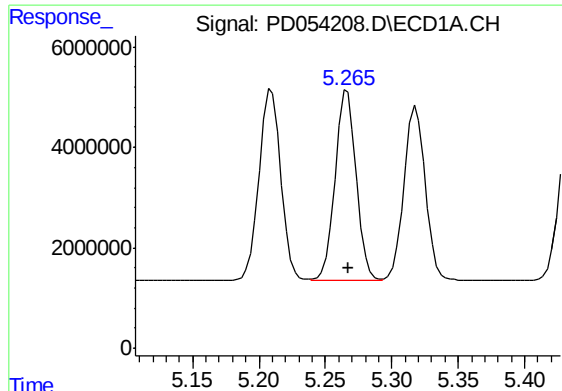
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 42919513
Conc: 52.77 ng/ml



#10 gamma-Chlordane

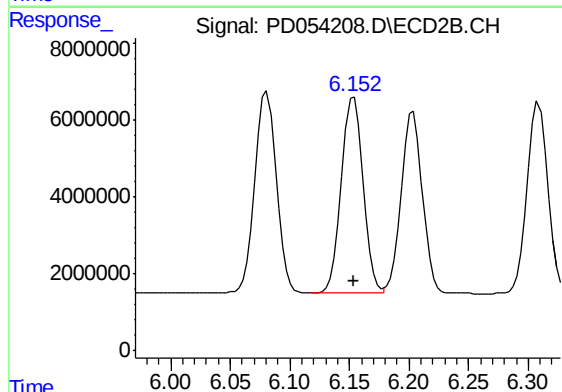
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 66452080
Conc: 50.45 ng/ml



#11 alpha-Chlordane

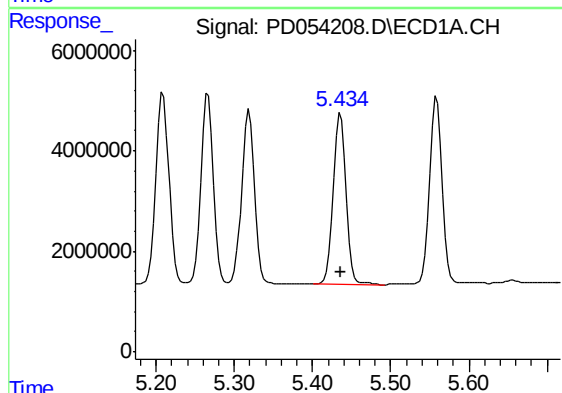
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 42242963
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



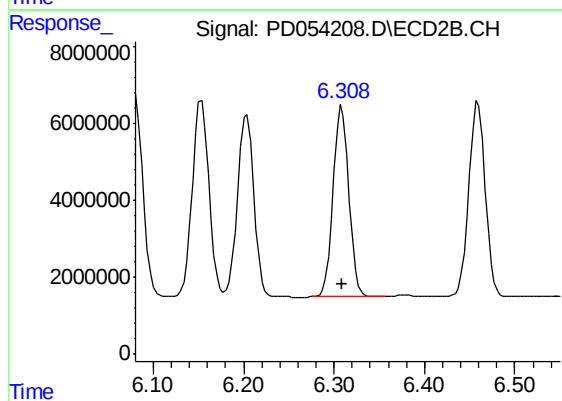
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 64902068
Conc: 49.99 ng/ml



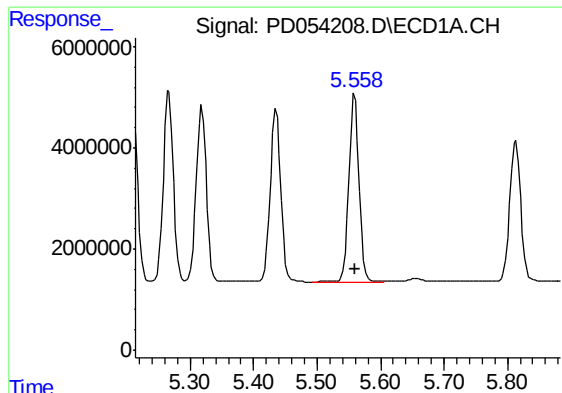
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 39778471
Conc: 50.20 ng/ml



#12 4,4'-DDE

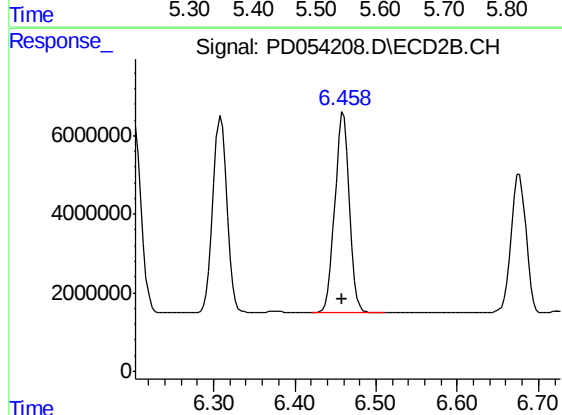
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 60091436
Conc: 48.91 ng/ml



#13 Dieldrin

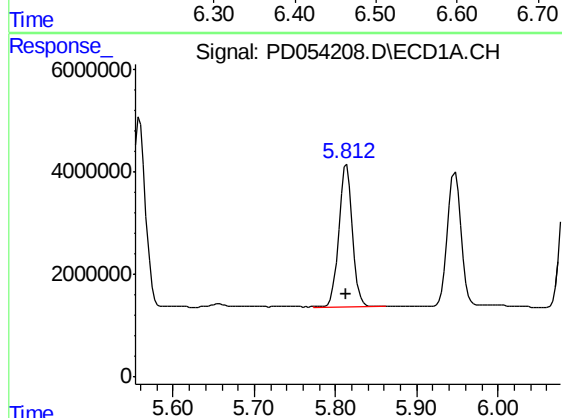
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 42744270
Conc: 52.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



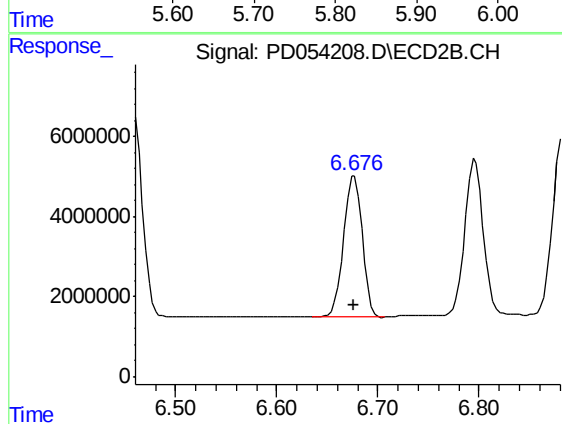
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 63499967
Conc: 50.54 ng/ml



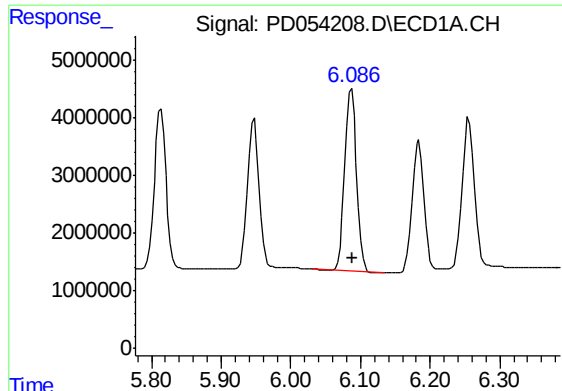
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 32936155
Conc: 43.98 ng/ml



#14 Endrin

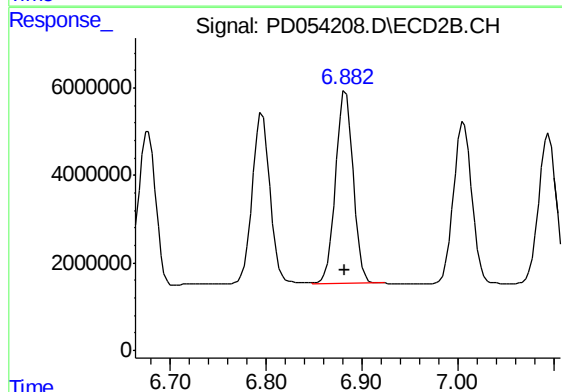
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 44950510
Conc: 42.89 ng/ml



#15 Endosulfan II

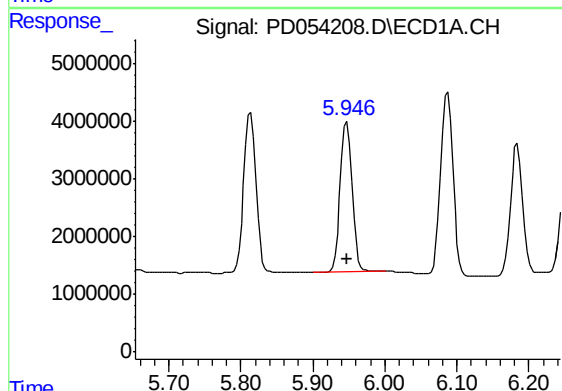
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 37129151
Conc: 49.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



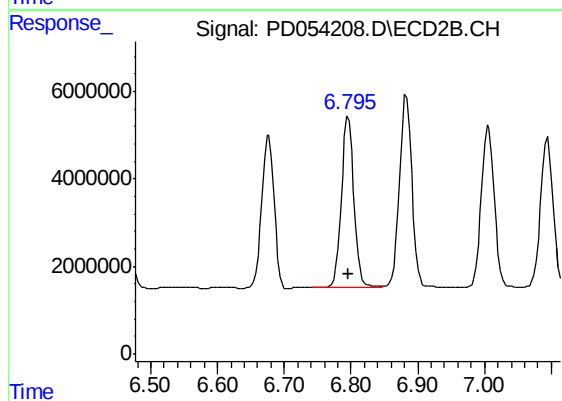
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 56130313
Conc: 48.54 ng/ml



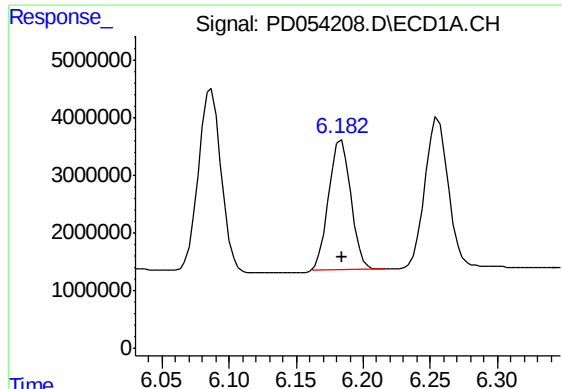
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 30041385
Conc: 50.20 ng/ml



#16 4,4'-DDD

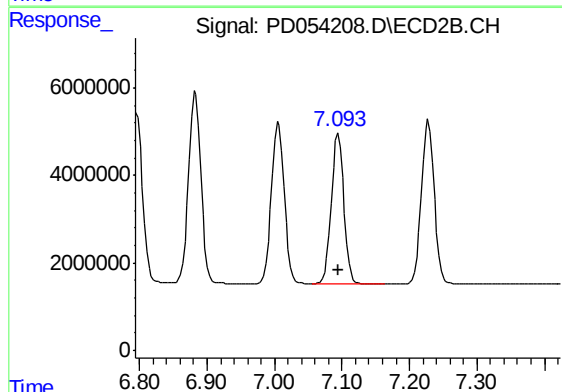
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 50082232
Conc: 49.57 ng/ml



#17 4,4'-DDT

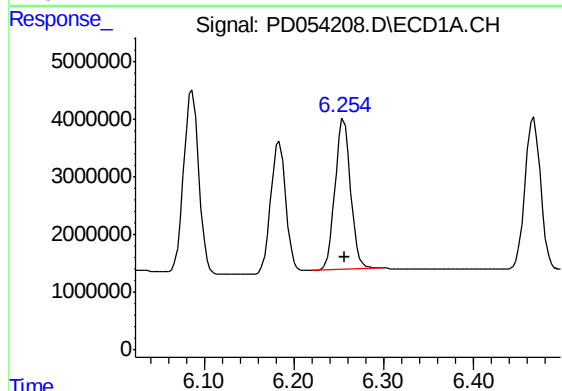
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 25776495
Conc: 44.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



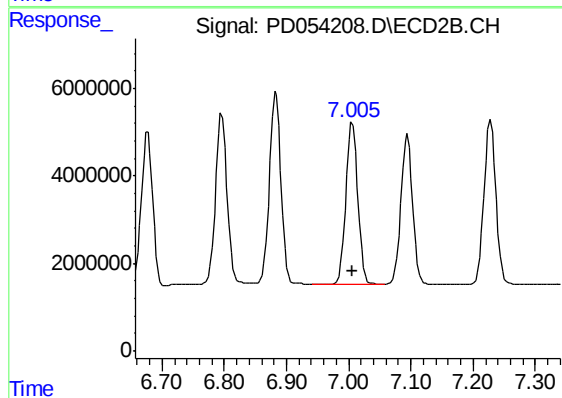
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 44501490
Conc: 45.17 ng/ml



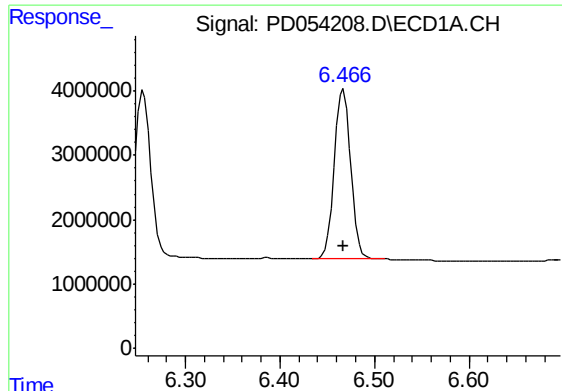
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 31582940
Conc: 49.72 ng/ml



#18 Endrin aldehyde

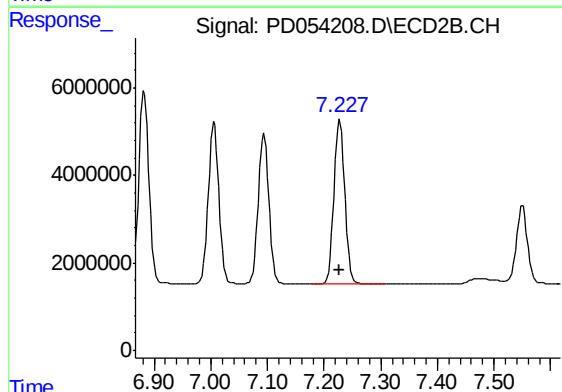
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 49211577
Conc: 49.48 ng/ml



#19 Endosulfan Sulfate

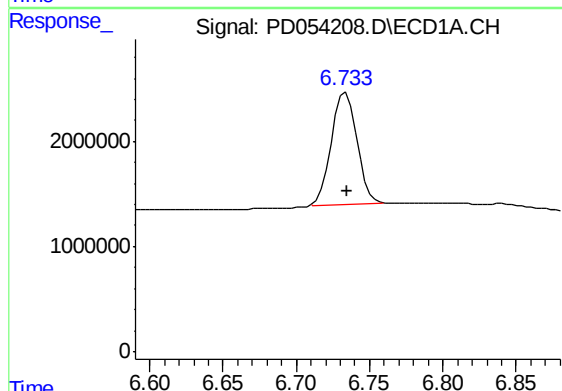
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 32078294
Conc: 45.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



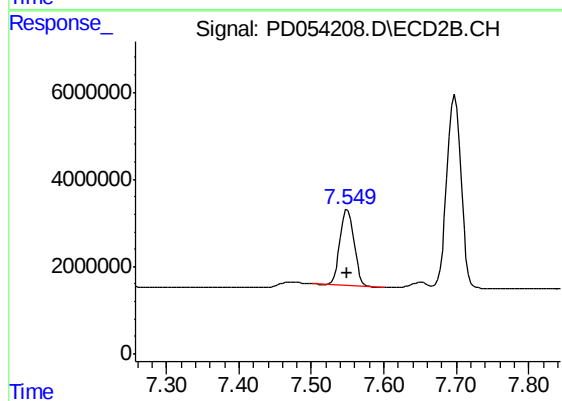
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 49743078
Conc: 45.78 ng/ml



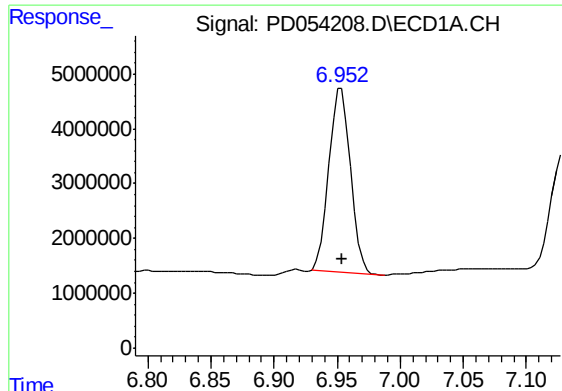
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 12932053
Conc: 45.25 ng/ml



#20 Methoxychlor

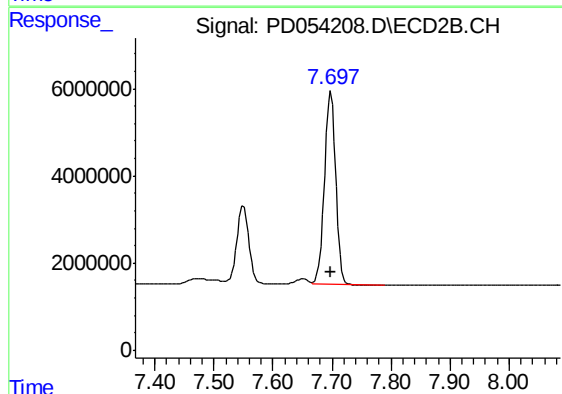
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 23284405
Conc: 43.40 ng/ml



#21 Endrin ketone

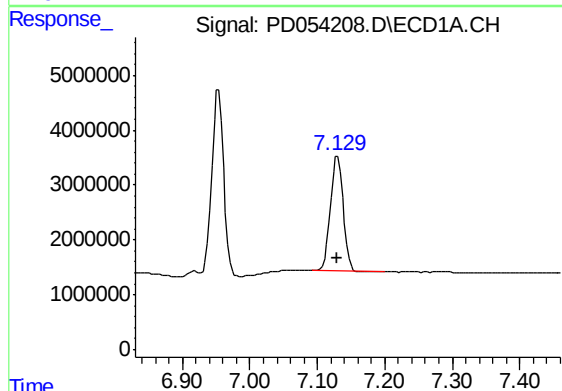
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 40081073
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



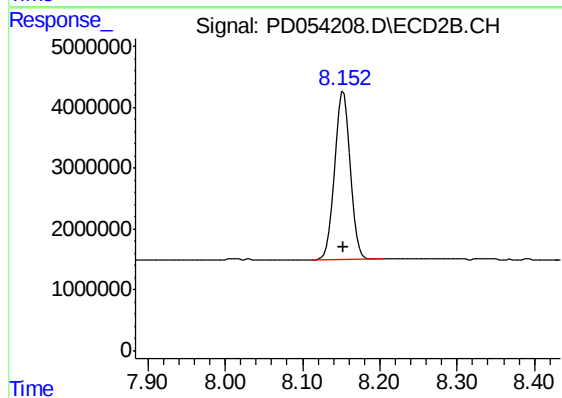
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 59815293
Conc: 49.20 ng/ml



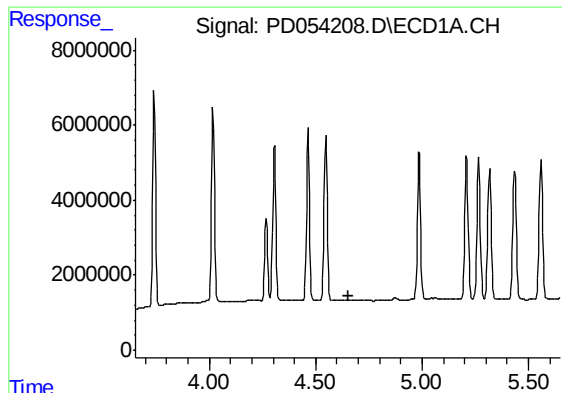
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 27807181
Conc: 42.74 ng/ml



#22 Mirex

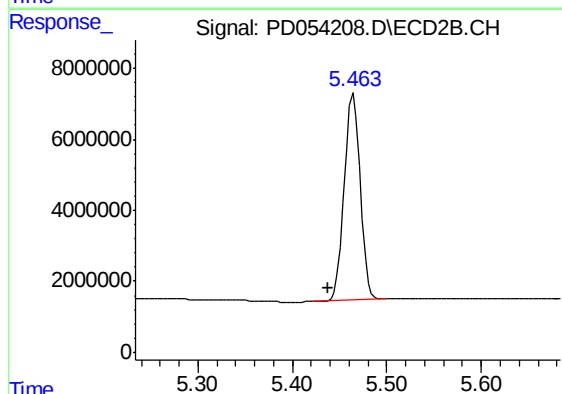
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 38934815
Conc: 42.24 ng/ml



#24 Chlordane-2

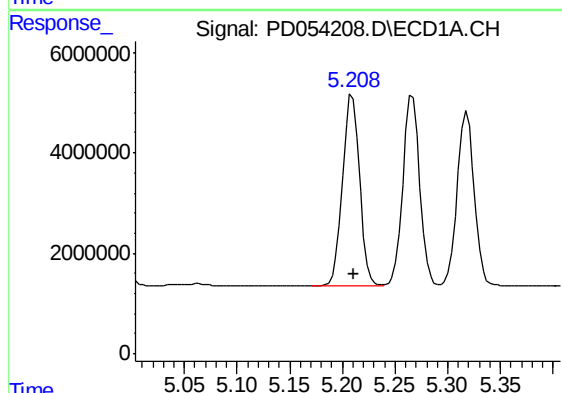
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



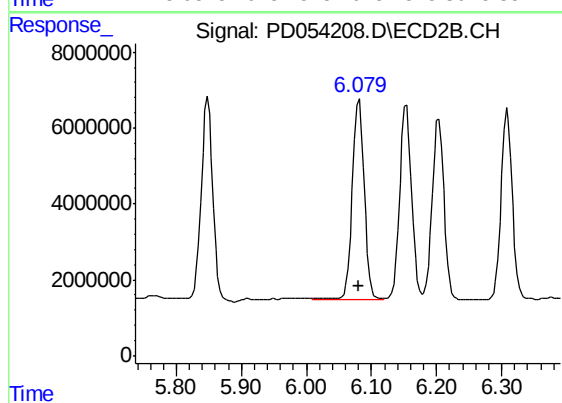
#24 Chlordane-2

R.T.: 5.465 min
Delta R.T.: 0.026 min
Response: 67482329
Conc: 1592.19 ng/ml



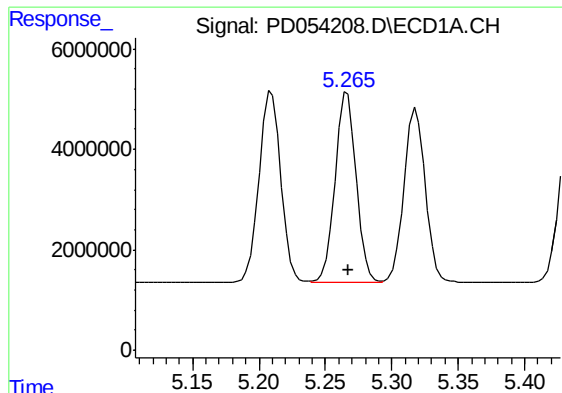
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 42919513
Conc: 539.65 ng/ml



#25 Chlordane-3

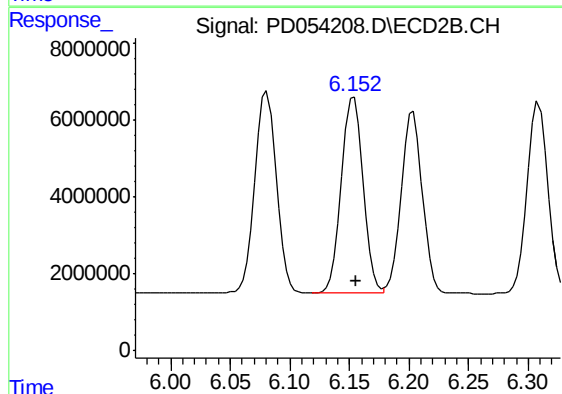
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 66452080
Conc: 379.47 ng/ml



#26 Chlordane-4

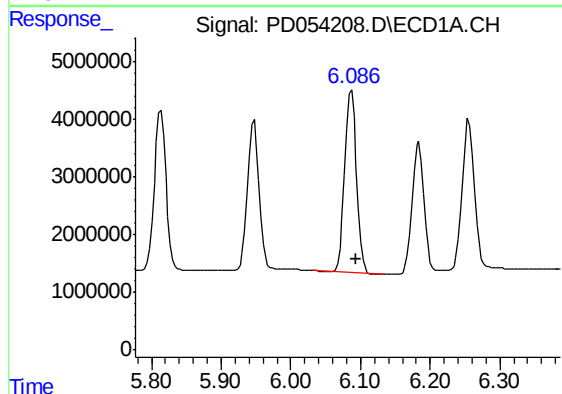
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 42242963
Conc: 613.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



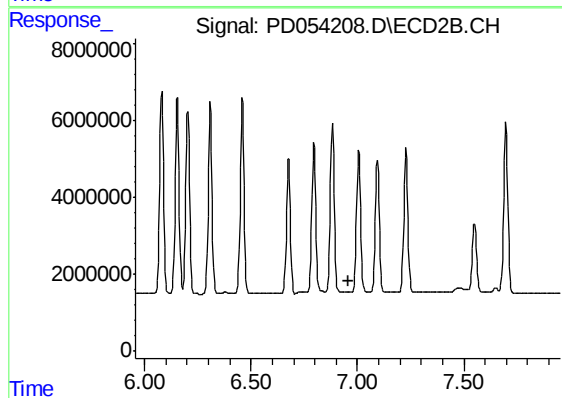
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 64902068
Conc: 306.61 ng/ml



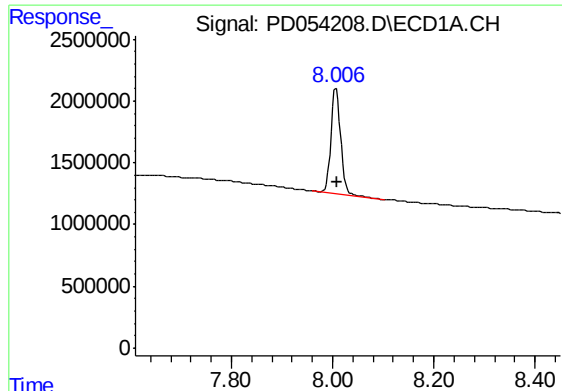
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 37129151
Conc: 1390.07 ng/ml



#27 Chlordane-5

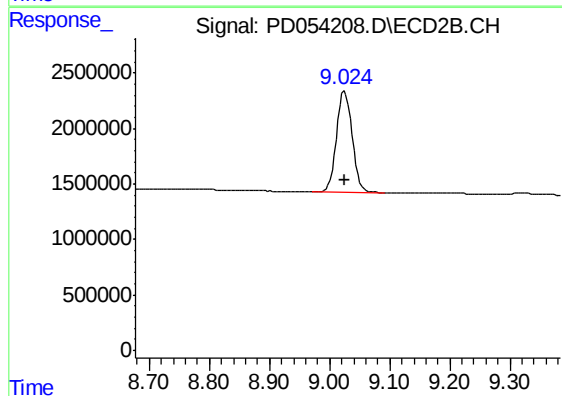
R.T.: 0.000 min
Exp R.T.: 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.002 min
Response: 11492635
Conc: 17.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 04



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 16593063
Conc: 17.90 ng/ml