

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
 Data File : PD054205.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 14:18
 Operator : SM\AJ
 Sample : SOIL IDOC 01
 Misc : FOR STEPHEN
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL IDOC 01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 01:01:26 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	3.982	11933675	19046706	20.735	21.865
28)	SA Decachlor...	8.007	9.024	12004318	16602639	17.832	17.909
Target Compounds							
2)	A alpha-BHC	3.742	4.369	50475305	76628227	58.279	60.746
3)	MA gamma-BHC...	4.019	4.652	47867802	72343378	58.354	58.983
4)	MA Heptachlor	4.307	5.160	42326019	72034243	58.082	57.503
5)	MB Aldrin	4.548	5.464	45695805	69022105	57.502	56.136
6)	B beta-BHC	4.269	4.819	19924376	33097363	56.568	59.113
7)	B delta-BHC	4.466	5.036	44707241	69203691	53.322	53.464
8)	B Heptachlor...	4.986	5.848	42510554	66528124	56.036	55.016
9)	A Endosulfan I	5.318	6.204	40030053	61170483	53.878	52.676
10)	B gamma-Chl...	5.209	6.081	44001867	68321989	54.097	51.867
11)	B alpha-Chl...	5.267	6.154	43241149	67042404	53.375	51.634
12)	B 4,4'-DDE	5.436	6.309	40398034	62767594	50.982	51.085
13)	MA Dieldrin	5.559	6.459	43025100	65862765	52.979	52.416
14)	MA Endrin	5.813	6.676	34438190	47876079	45.986	45.679
15)	B Endosulfa...	6.087	6.883	38252154	58137110	51.123	50.277
16)	A 4,4'-DDD	5.947	6.796	31237671	52428118	52.194	51.894
17)	MA 4,4'-DDT	6.185	7.094	27514244	46691284	47.777	47.396
18)	B Endrin al...	6.256	7.006	32354054	50713053	50.937	50.992
19)	B Endosulfa...	6.467	7.229	33355288	51788695	47.450	47.659
20)	A Methoxychlor	6.734	7.550	13444456	25249930	47.045	47.059
21)	B Endrin ke...	6.953	7.698	40999009	62057802	51.158	51.040
22)	Mirex	7.130	8.153	28810275	40533358	44.285	43.977
24)	Chlordane-2	0.000	5.464f	0	69022105	N.D.	1628.517 #
25)	Chlordane-3	5.209	6.081	44001867	68321989	553.263	390.152 #
26)	Chlordane-4	5.267	6.154	43241149	67042404	628.291	316.724 #
27)	Chlordane-5	6.087	0.000	38252154	0	1432.115	N.D. #

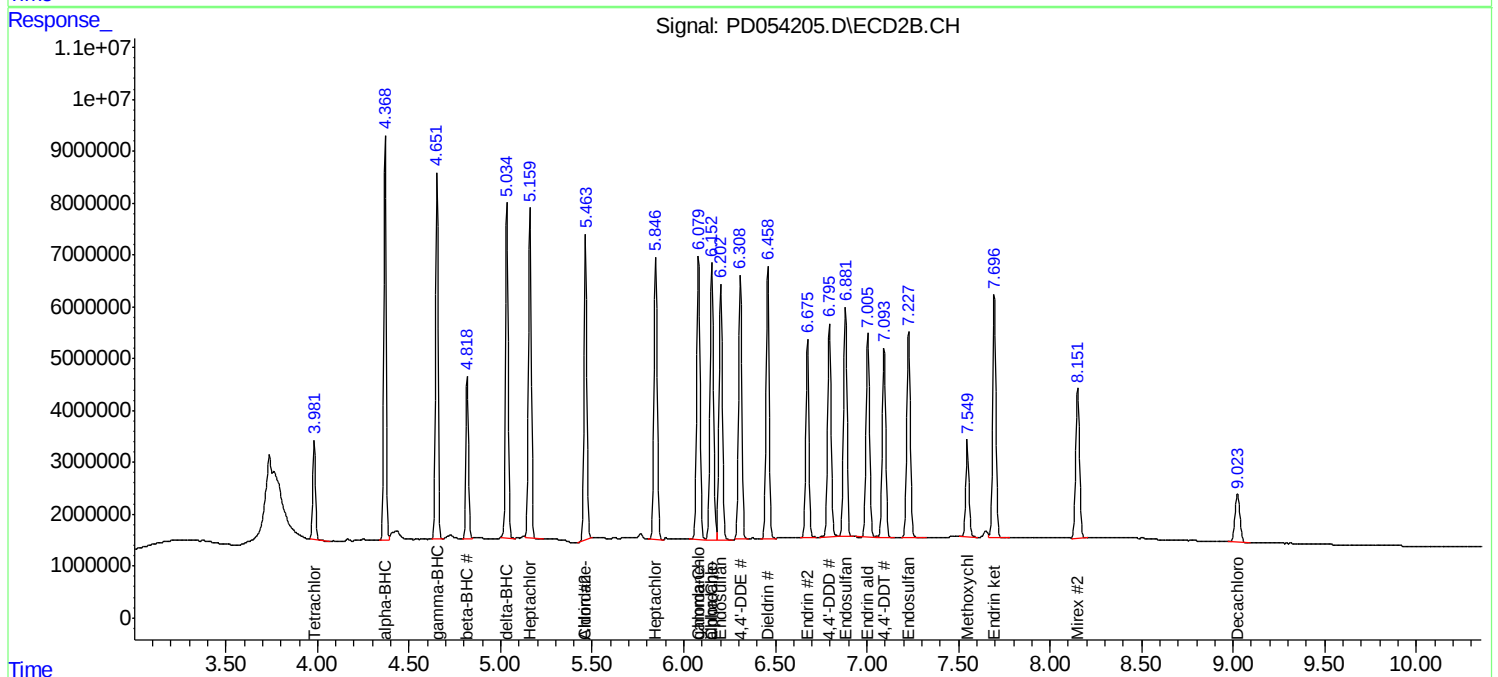
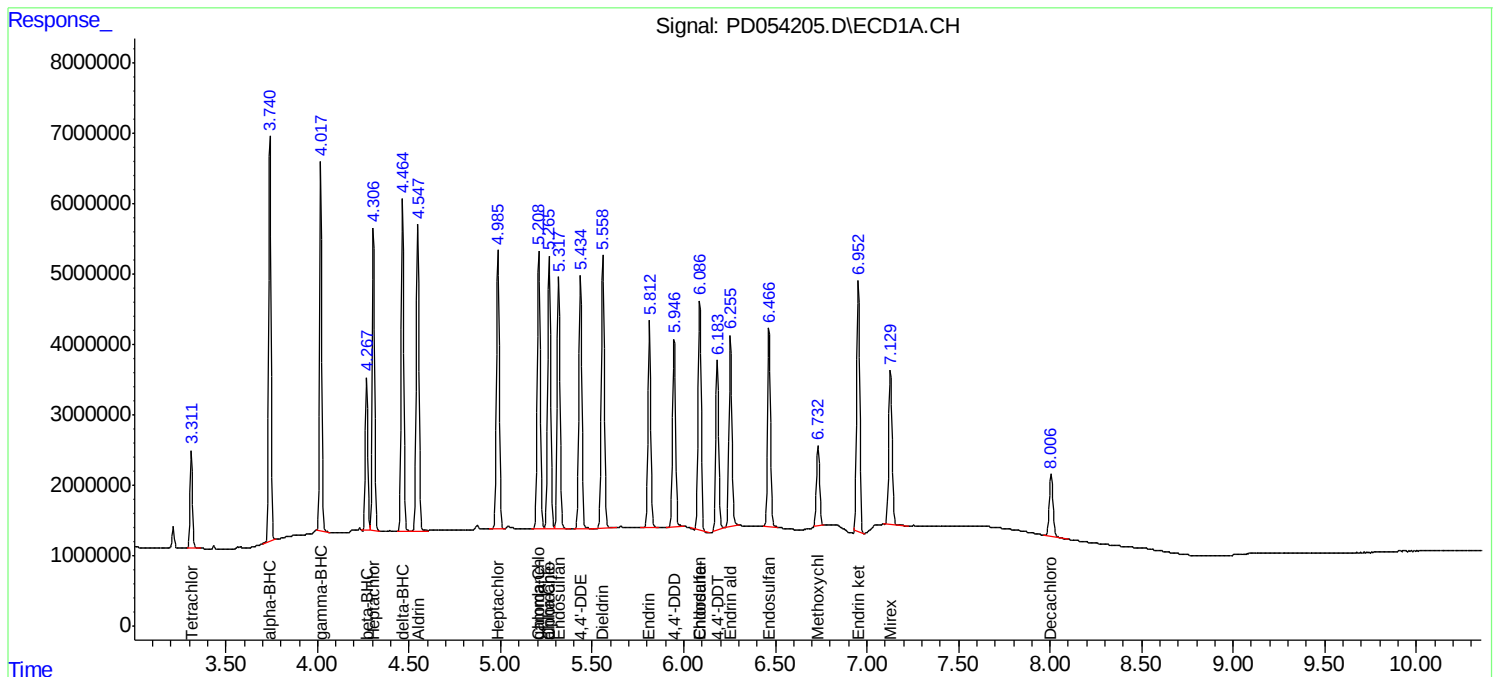
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

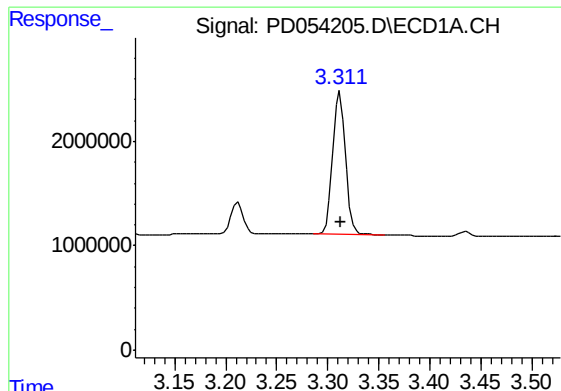
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
Data File : PD054205.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Aug 2019 14:18
Operator : SM\AJ
Sample : SOIL IDOC 01
Misc : FOR STEPHEN
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 01:01:26 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

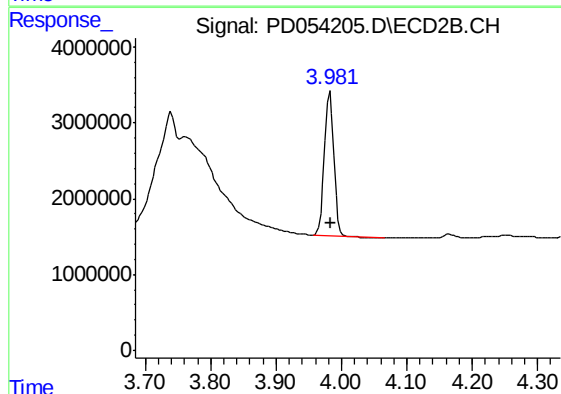




#1 Tetrachloro-m-xylene

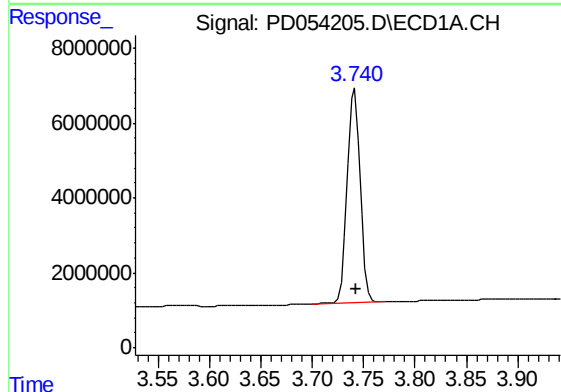
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 11933675
Conc: 20.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



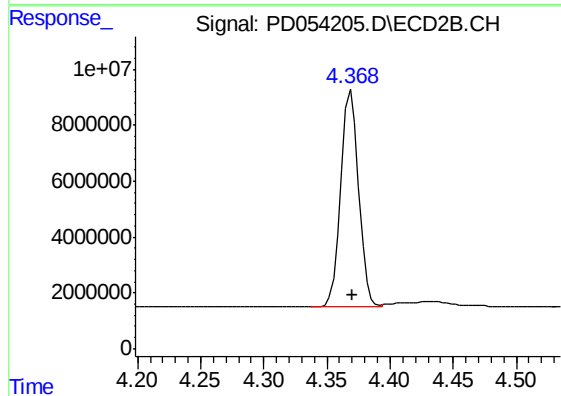
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 19046706
Conc: 21.86 ng/ml



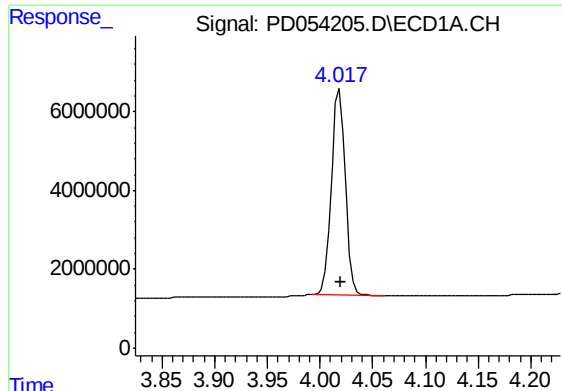
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 50475305
Conc: 58.28 ng/ml



#2 alpha-BHC

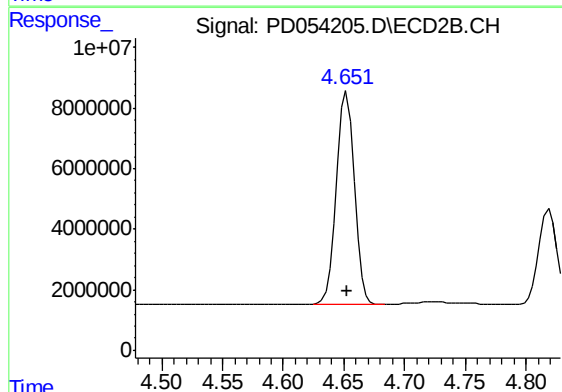
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 76628227
Conc: 60.75 ng/ml



#3 gamma-BHC (Lindane)

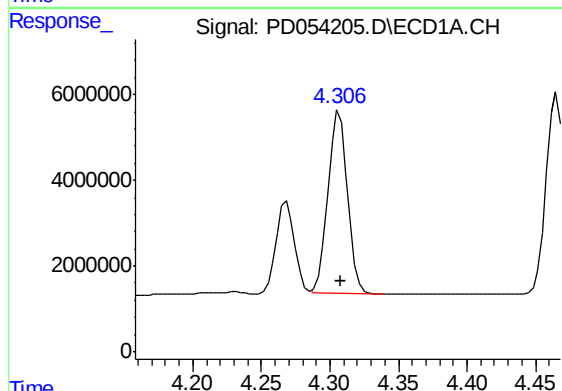
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 47867802
Conc: 58.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



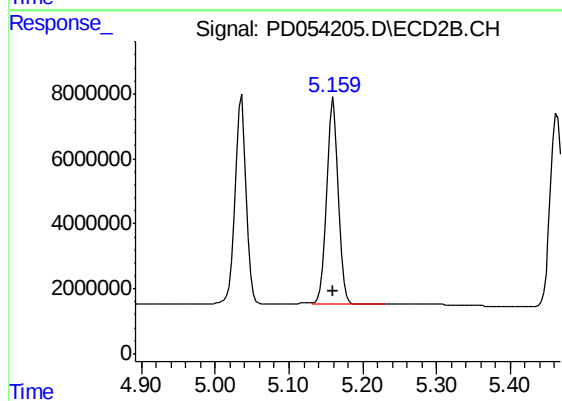
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 72343378
Conc: 58.98 ng/ml



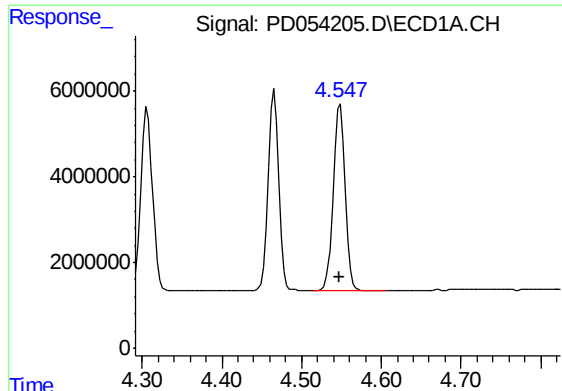
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 42326019
Conc: 58.08 ng/ml



#4 Heptachlor

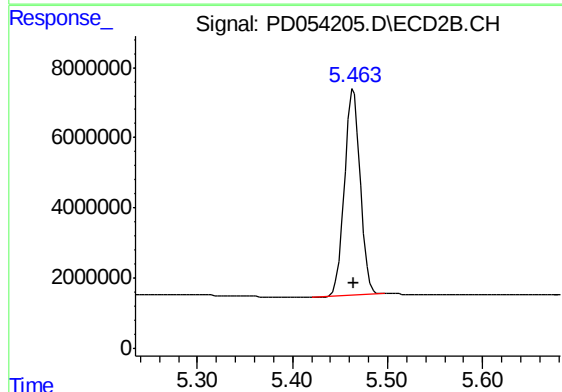
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 72034243
Conc: 57.50 ng/ml



#5 Aldrin

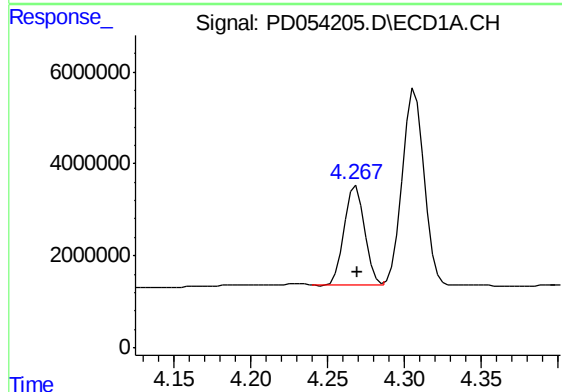
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 45695805
Conc: 57.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



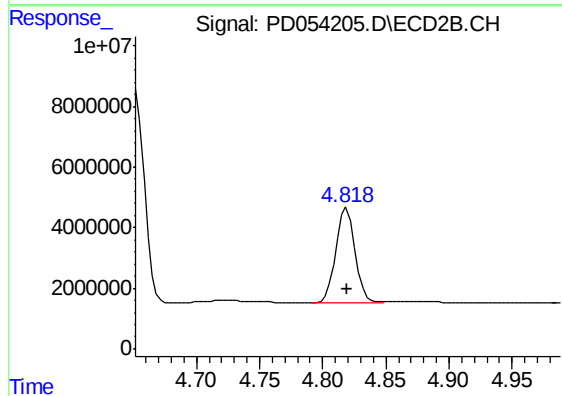
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 69022105
Conc: 56.14 ng/ml



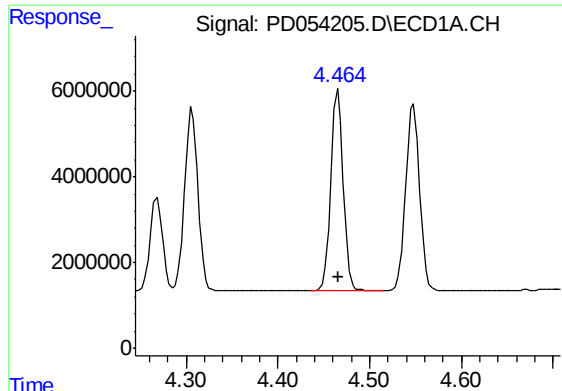
#6 beta-BHC

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 19924376
Conc: 56.57 ng/ml



#6 beta-BHC

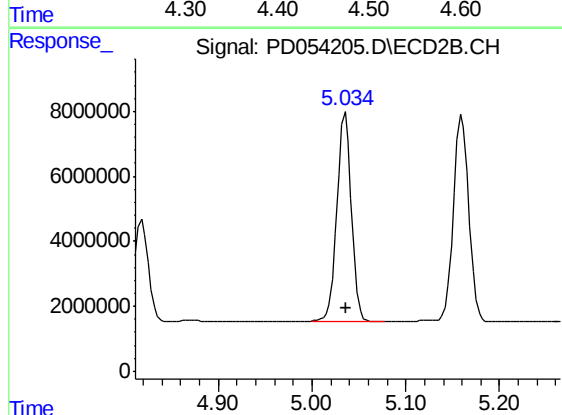
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 33097363
Conc: 59.11 ng/ml



#7 delta-BHC

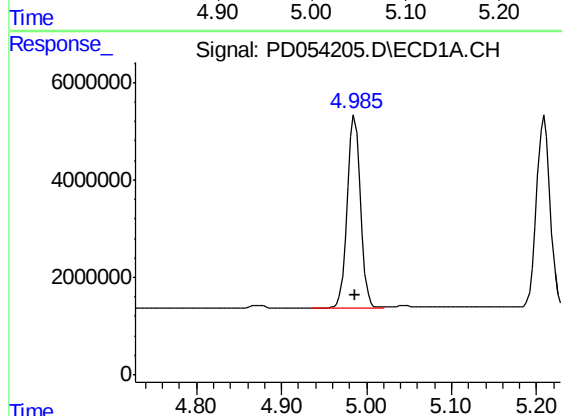
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 44707241
Conc: 53.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



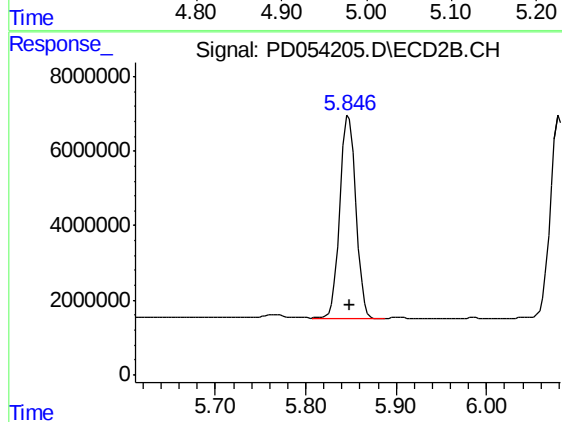
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 69203691
Conc: 53.46 ng/ml



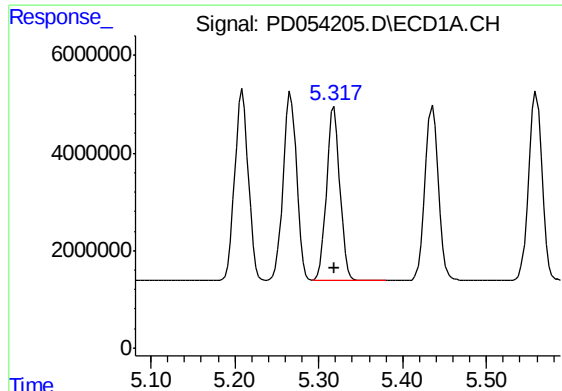
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 42510554
Conc: 56.04 ng/ml



#8 Heptachlor epoxide

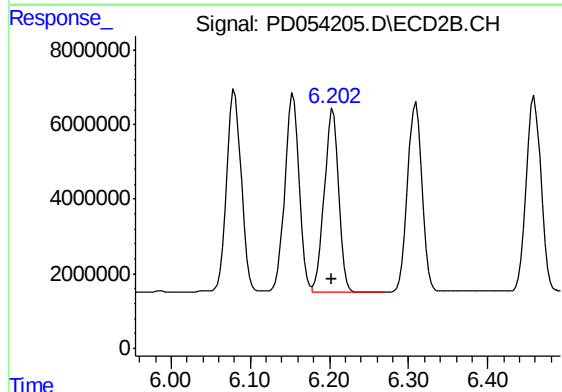
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 66528124
Conc: 55.02 ng/ml



#9 Endosulfan I

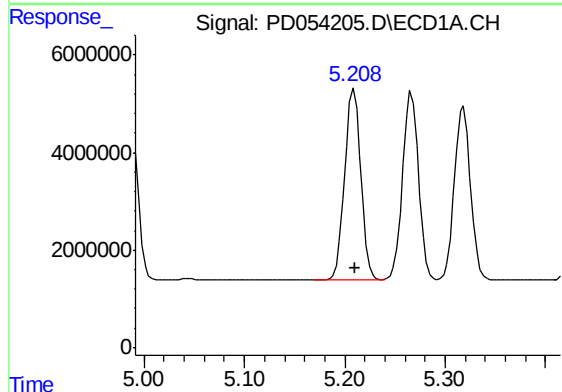
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 40030053
Conc: 53.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



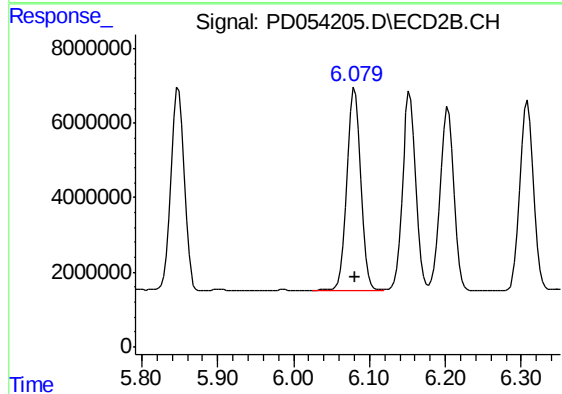
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 61170483
Conc: 52.68 ng/ml



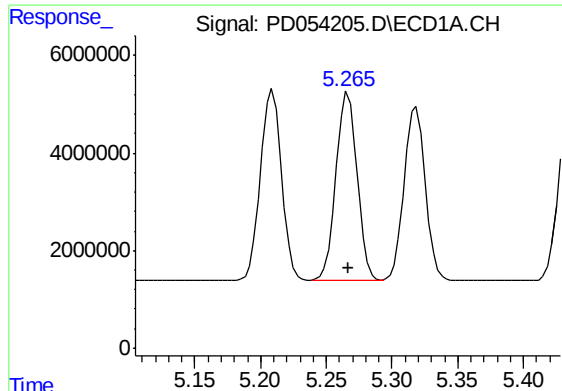
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 44001867
Conc: 54.10 ng/ml



#10 gamma-Chlordane

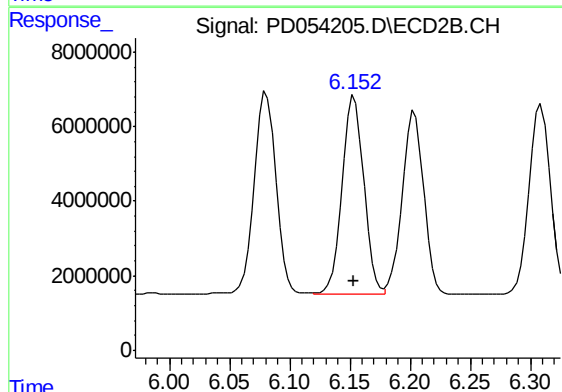
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 68321989
Conc: 51.87 ng/ml



#11 alpha-Chlordane

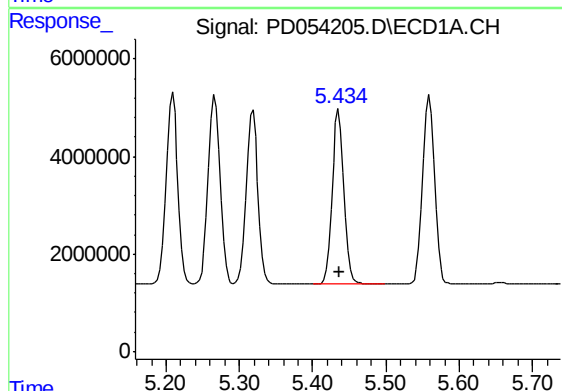
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 43241149
Conc: 53.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



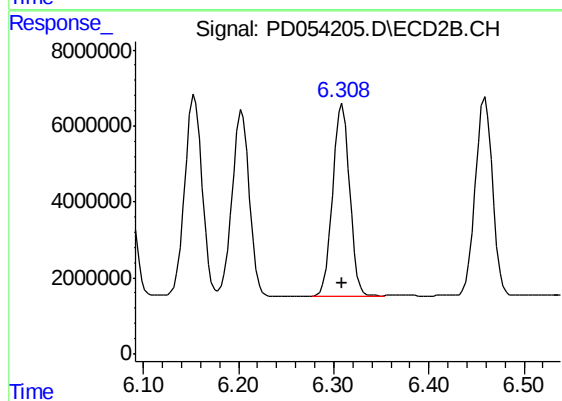
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 67042404
Conc: 51.63 ng/ml



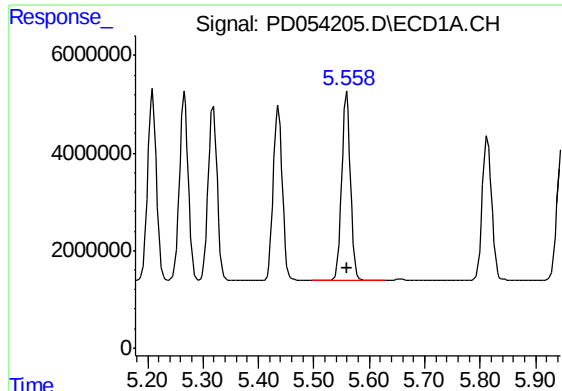
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 40398034
Conc: 50.98 ng/ml



#12 4,4'-DDE

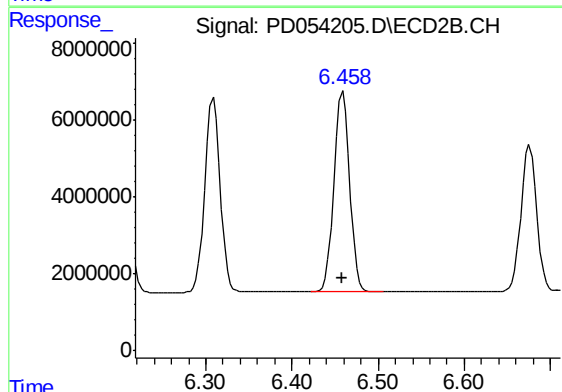
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 62767594
Conc: 51.08 ng/ml



#13 Dieldrin

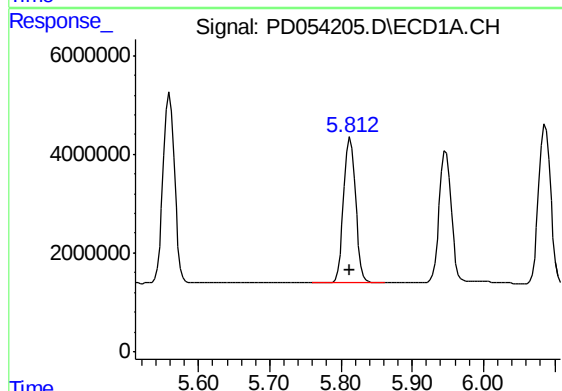
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 43025100
Conc: 52.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



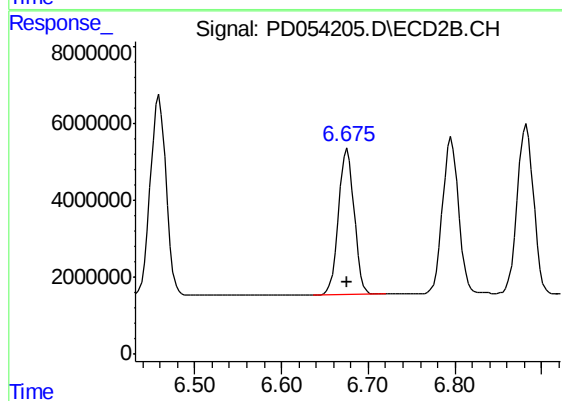
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 65862765
Conc: 52.42 ng/ml



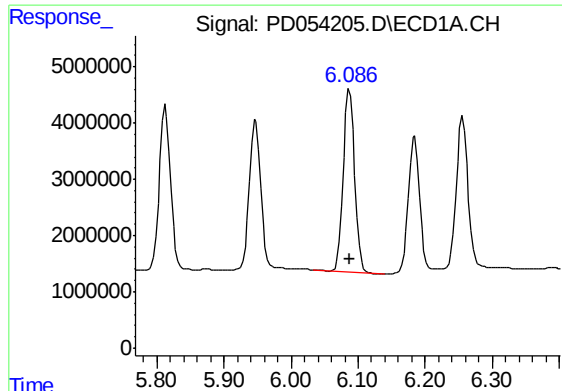
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 34438190
Conc: 45.99 ng/ml



#14 Endrin

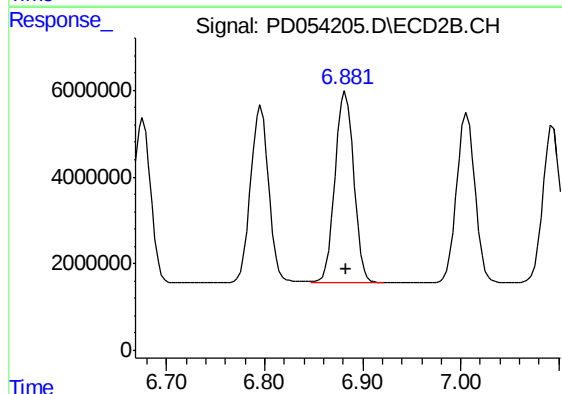
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 47876079
Conc: 45.68 ng/ml



#15 Endosulfan II

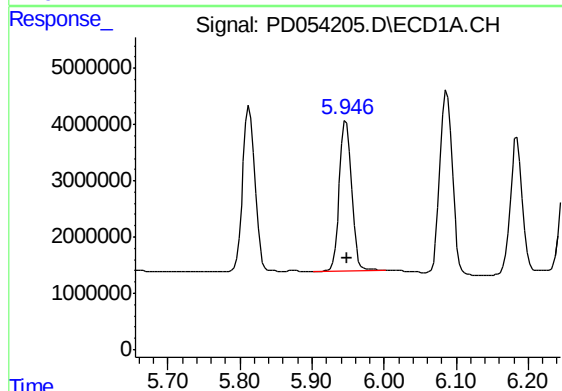
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 38252154
Conc: 51.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



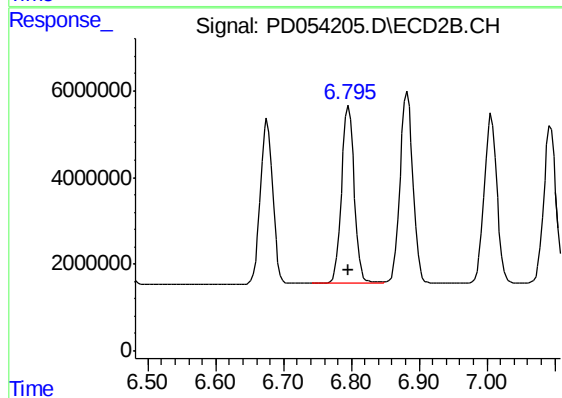
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 58137110
Conc: 50.28 ng/ml



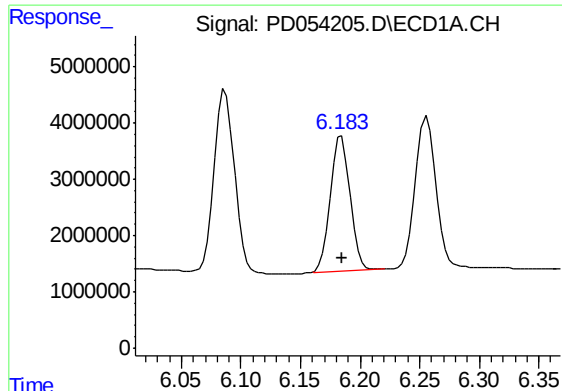
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 31237671
Conc: 52.19 ng/ml



#16 4,4'-DDD

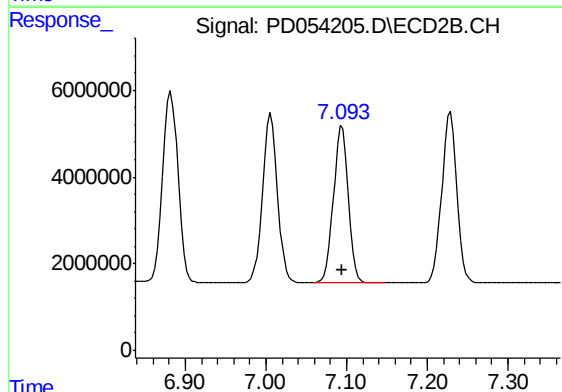
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 52428118
Conc: 51.89 ng/ml



#17 4,4'-DDT

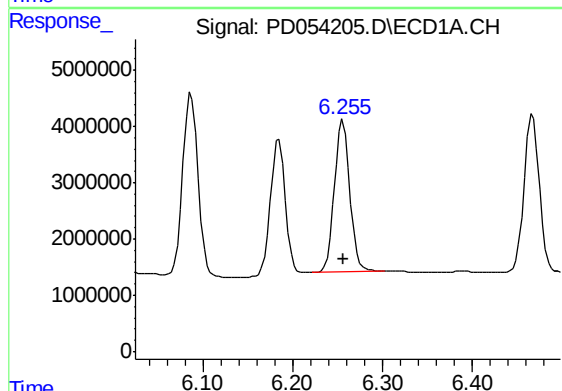
R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 27514244
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



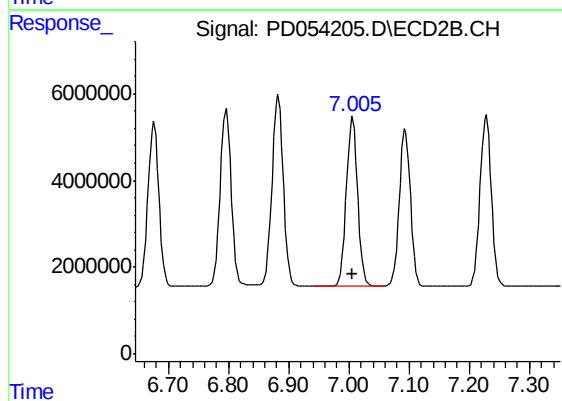
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 46691284
Conc: 47.40 ng/ml



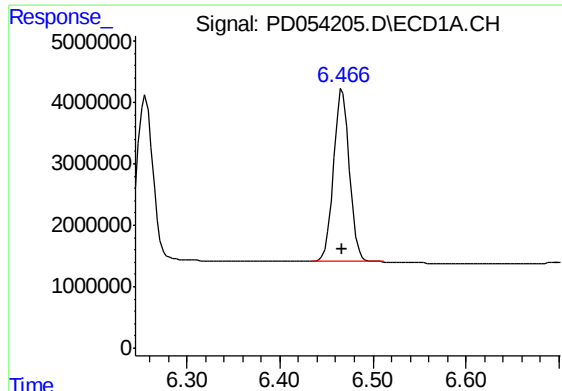
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 32354054
Conc: 50.94 ng/ml



#18 Endrin aldehyde

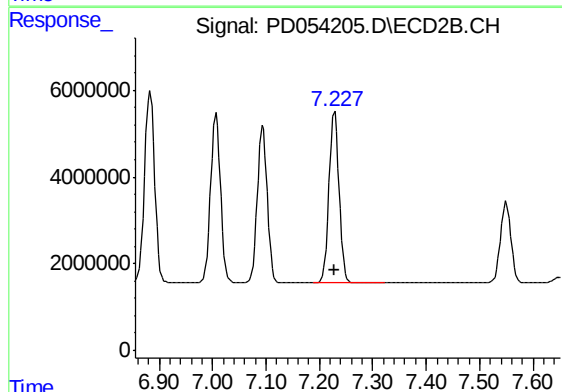
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 50713053
Conc: 50.99 ng/ml



#19 Endosulfan Sulfate

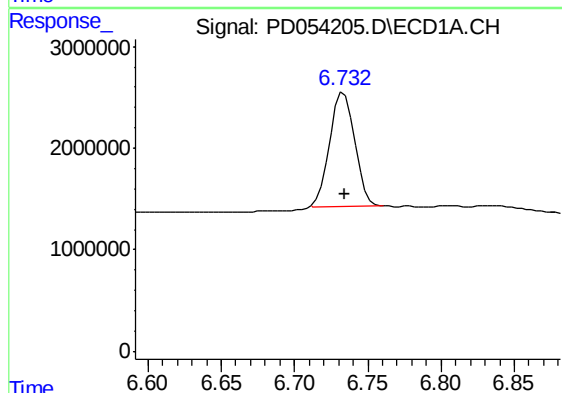
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 33355288
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



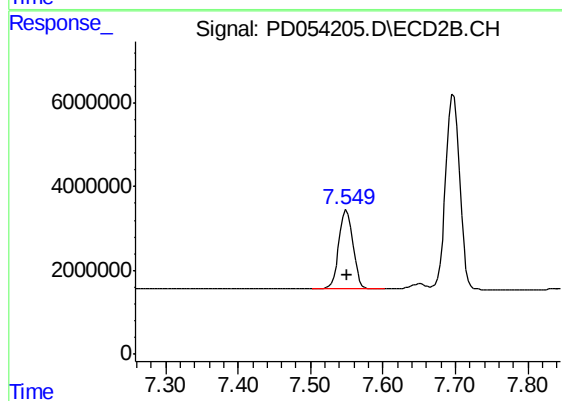
#19 Endosulfan Sulfate

R.T.: 7.229 min
Delta R.T.: 0.000 min
Response: 51788695
Conc: 47.66 ng/ml



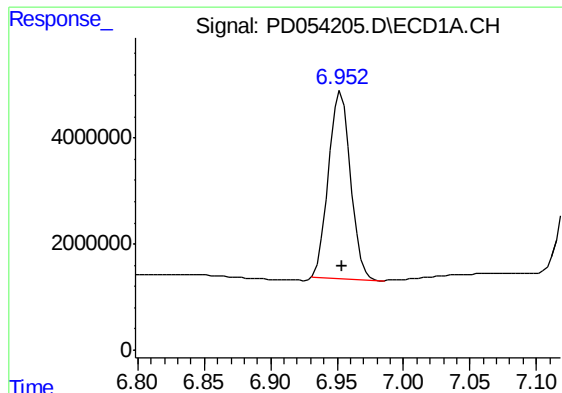
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 13444456
Conc: 47.05 ng/ml



#20 Methoxychlor

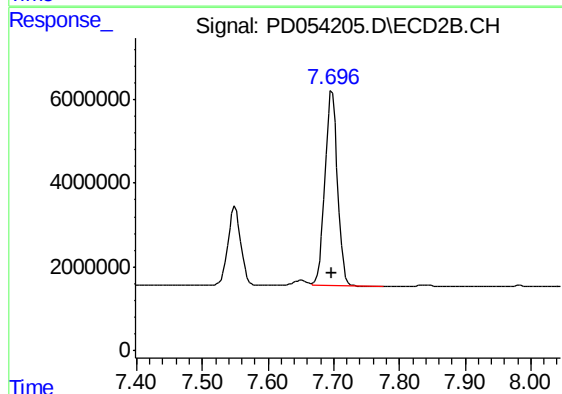
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 25249930
Conc: 47.06 ng/ml



#21 Endrin ketone

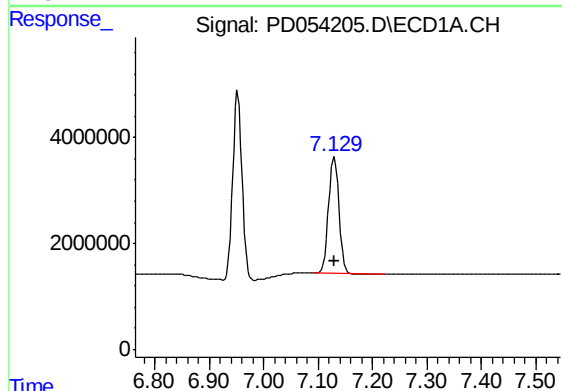
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 40999009
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



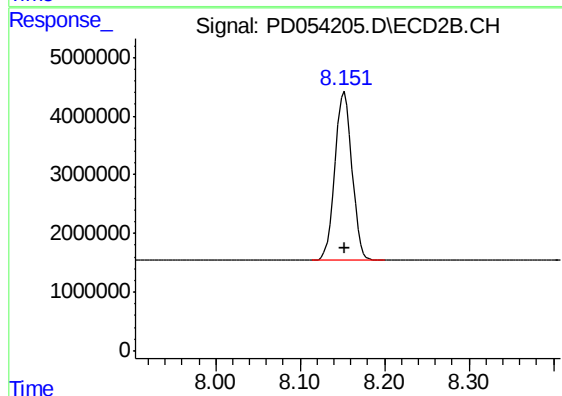
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 62057802
Conc: 51.04 ng/ml



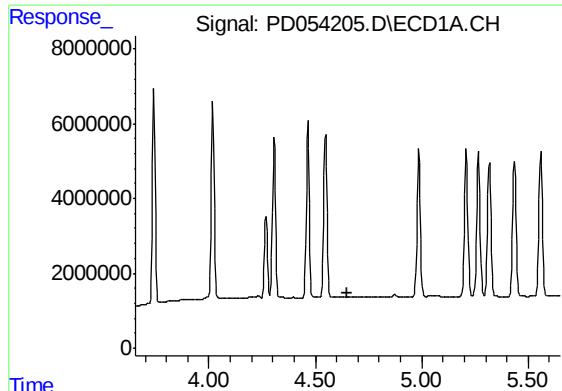
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 28810275
Conc: 44.29 ng/ml



#22 Mirex

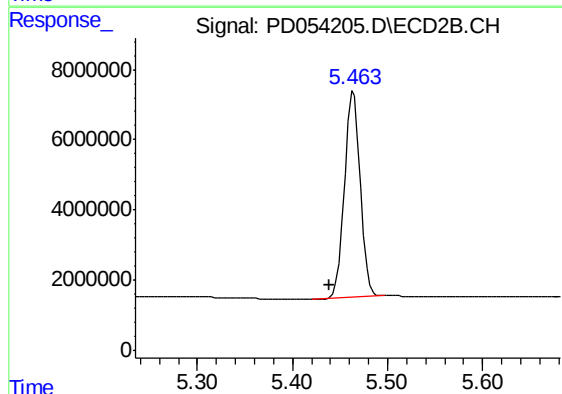
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 40533358
Conc: 43.98 ng/ml



#24 Chlordane-2

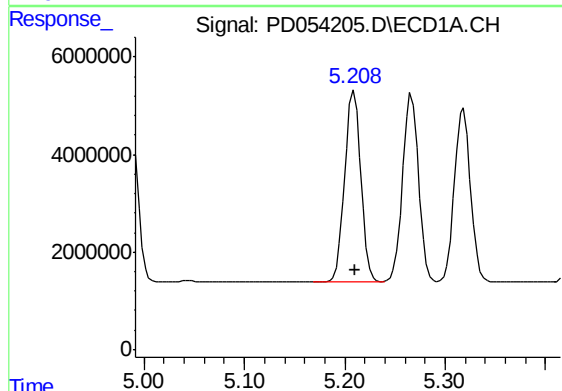
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



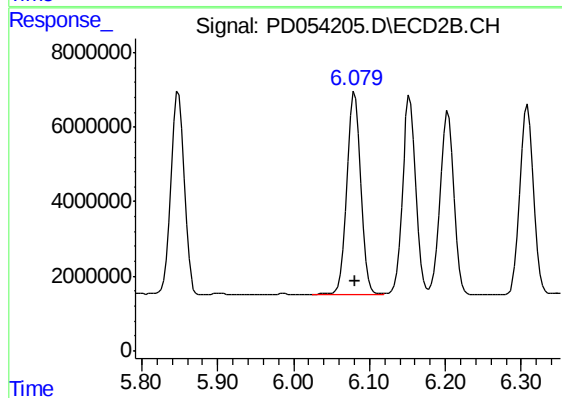
#24 Chlordane-2

R.T.: 5.464 min
Delta R.T.: 0.026 min
Response: 69022105
Conc: 1628.52 ng/ml



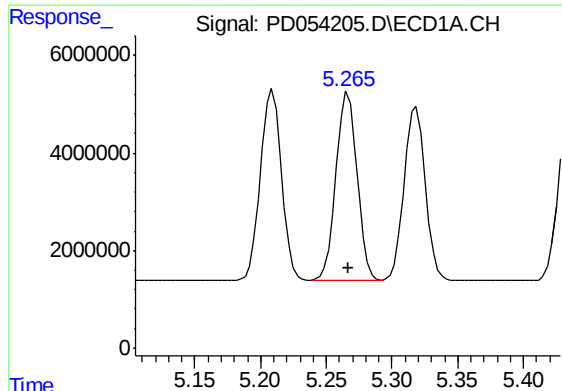
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 44001867
Conc: 553.26 ng/ml



#25 Chlordane-3

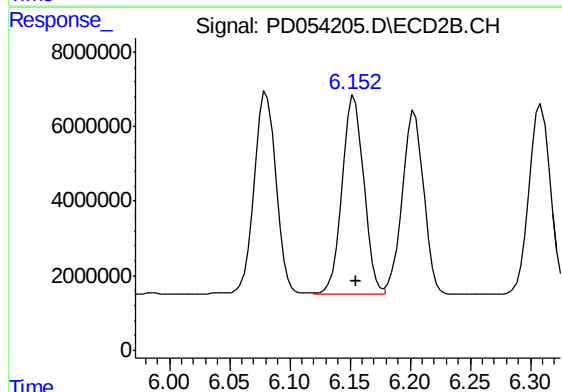
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 68321989
Conc: 390.15 ng/ml



#26 Chlordane-4

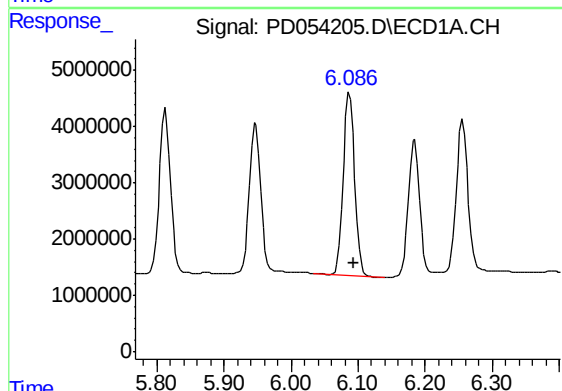
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 43241149
Conc: 628.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



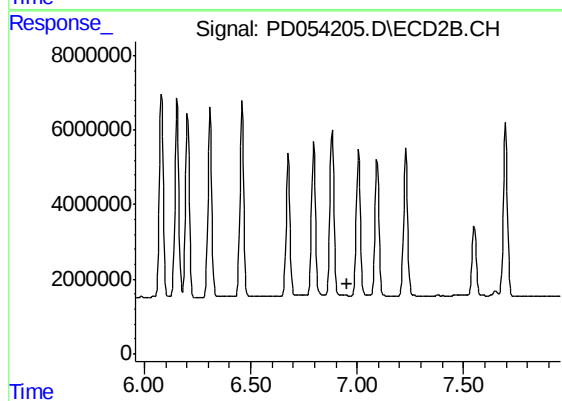
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 67042404
Conc: 316.72 ng/ml



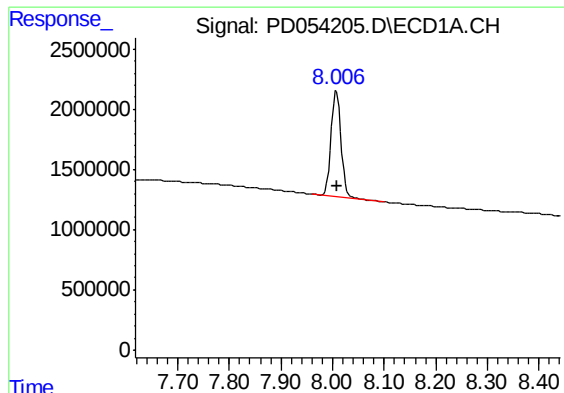
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 38252154
Conc: 1432.11 ng/ml



#27 Chlordane-5

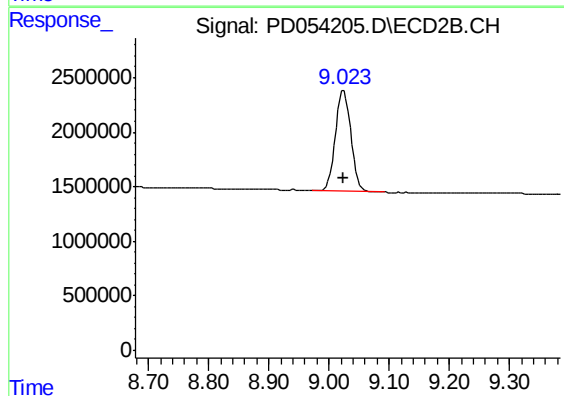
R.T.: 0.000 min
Exp R.T.: 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.001 min
Response: 12004318
Conc: 17.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 01



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 16602639
Conc: 17.91 ng/ml