

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
 Data File : PD054206.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 14:32
 Operator : SM\AJ
 Sample : SOIL IDOC 02
 Misc : FOR STEPHEN
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL IDOC 02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 01:01:46 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	11604072	18397784	20.162	21.120
28)	SA Decachlor...	8.007	9.024	11496540	16184635	17.078	17.458
Target Compounds							
2)	A alpha-BHC	3.742	4.369	48692487	74014329	56.220	58.674
3)	MA gamma-BHC...	4.019	4.652	46228138	69949615	56.355	57.031
4)	MA Heptachlor	4.306	5.160	41267249	69657787	56.630	55.606
5)	MB Aldrin	4.548	5.464	44721131	66731203	56.275	54.272
6)	B beta-BHC	4.268	4.819	19716601	31928774	55.978	57.026
7)	B delta-BHC	4.465	5.035	43663580	66453181	52.078	51.339
8)	B Heptachlor...	4.986	5.848	42687713	67593809	56.270	55.897
9)	A Endosulfan I	5.318	6.202	40295041	59081959	54.235	50.877
10)	B gamma-Chl...	5.209	6.080	43870736	66059094	53.936	50.149
11)	B alpha-Chl...	5.266	6.153	42620957	64781547	52.609	49.893
12)	B 4,4'-DDE	5.435	6.309	40298008	60404005	50.856	49.161
13)	MA Dieldrin	5.559	6.458	42664087	63650013	52.534	50.655
14)	MA Endrin	5.812	6.675	33502962	46097506	44.737	43.982
15)	B Endosulfa...	6.087	6.882	37034318	56439206	49.495	48.808
16)	A 4,4'-DDD	5.946	6.795	30200725	50722019	50.461	50.206
17)	MA 4,4'-DDT	6.184	7.093	25912753	45245193	44.996	45.928
18)	B Endrin al...	6.255	7.006	31335498	49054271	49.333	49.324
19)	B Endosulfa...	6.467	7.228	32286847	50295042	45.930	46.284
20)	A Methoxychlor	6.734	7.549	13051322	23780199	45.670	44.320
21)	B Endrin ke...	6.953	7.697	39629253	60110836	49.449	49.439
22)	Mirex	7.129	8.153	27778028	39312071	42.699	42.652
24)	Chlordane-2	0.000	5.464f	0	66731203	N.D.	1574.465 #
25)	Chlordane-3	5.209	6.080	43870736	66059094	551.614	377.230 #
26)	Chlordane-4	5.266	6.153	42620957	64781547	619.279	306.043 #
27)	Chlordane-5	6.087	0.000	37034318	0	1386.520	N.D. #

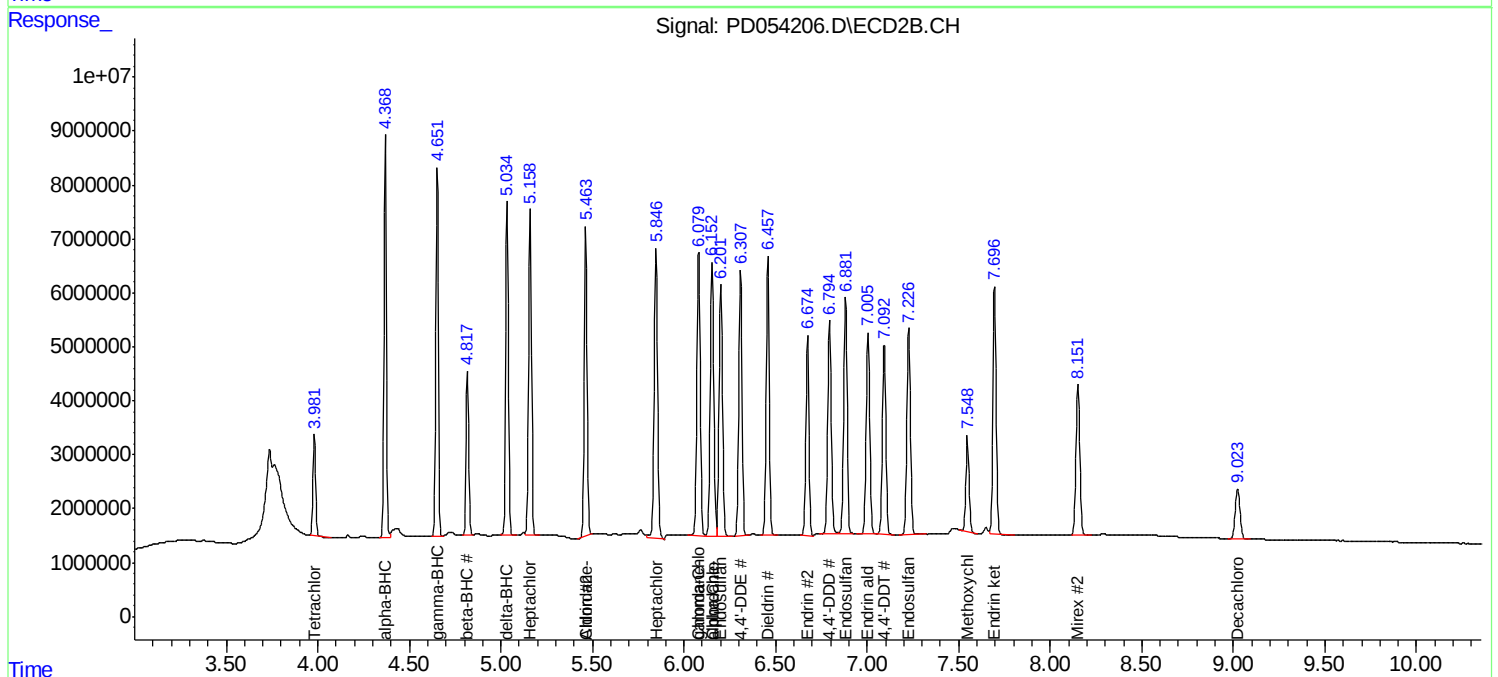
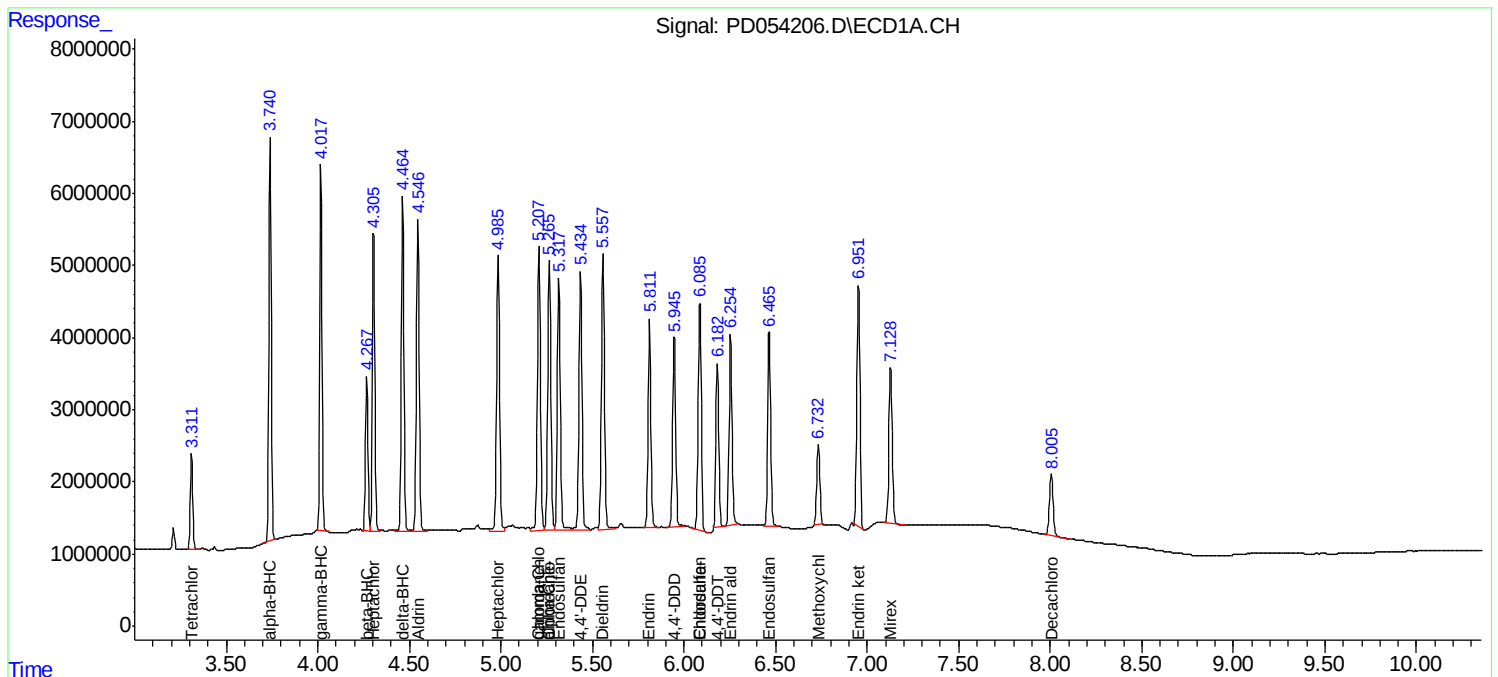
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

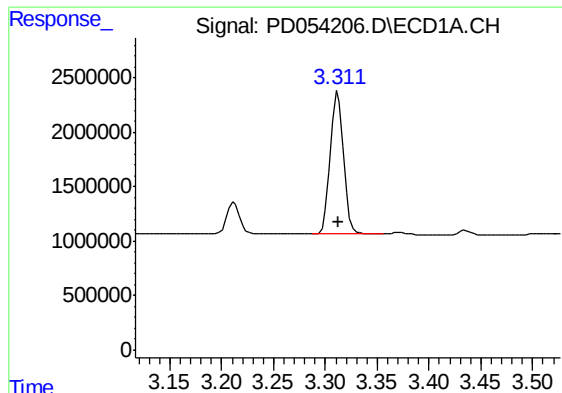
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
Data File : PD054206.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Aug 2019 14:32
Operator : SM\AJ
Sample : SOIL IDOC 02
Misc : FOR STEPHEN
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 01:01:46 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
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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

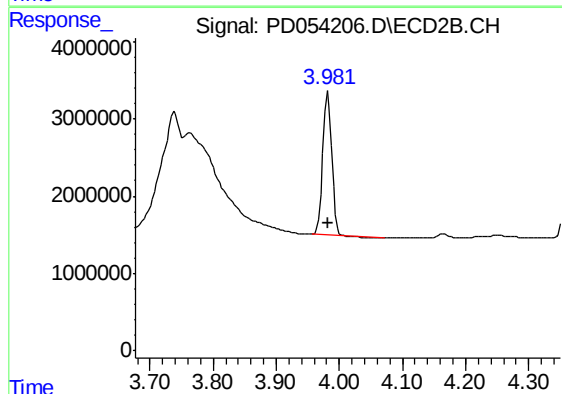




#1 Tetrachloro-m-xylene

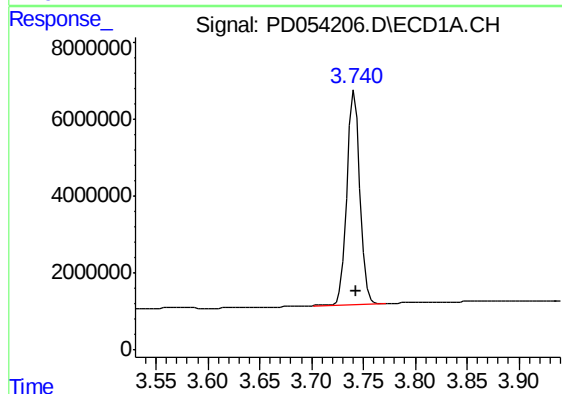
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 11604072
Conc: 20.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



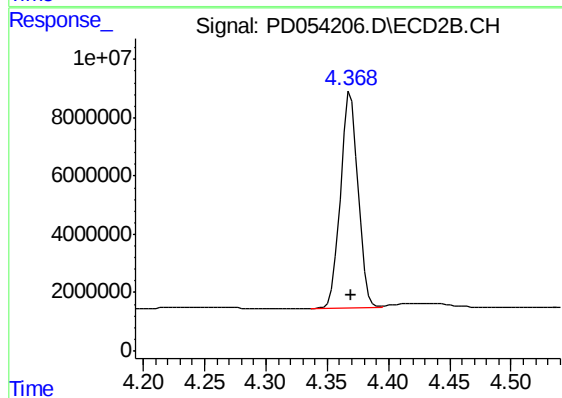
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 18397784
Conc: 21.12 ng/ml



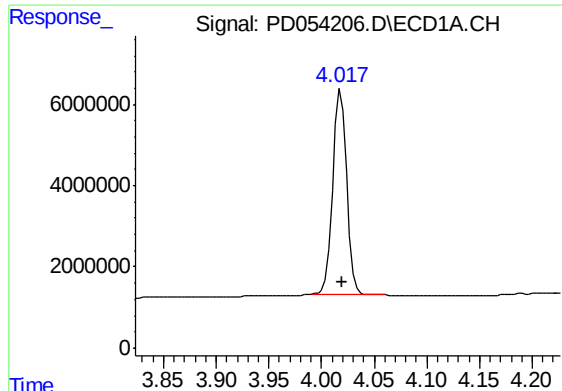
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 48692487
Conc: 56.22 ng/ml



#2 alpha-BHC

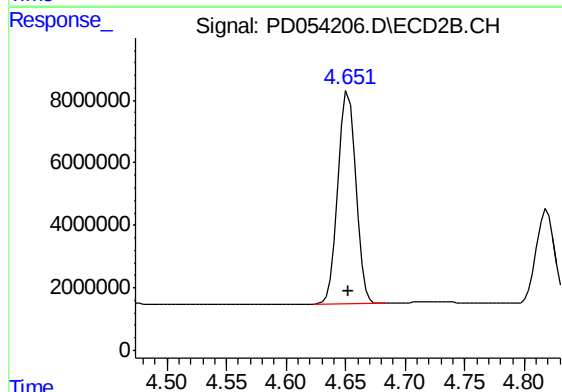
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 74014329
Conc: 58.67 ng/ml



#3 gamma-BHC (Lindane)

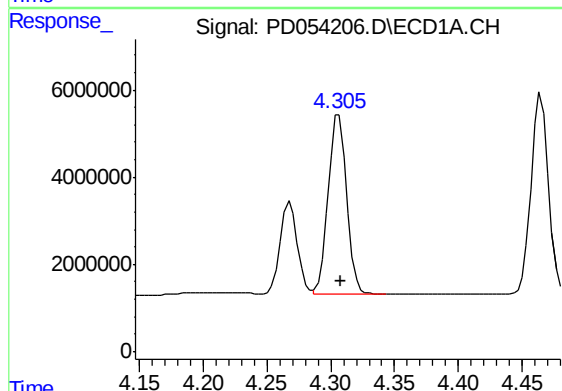
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 46228138
Conc: 56.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



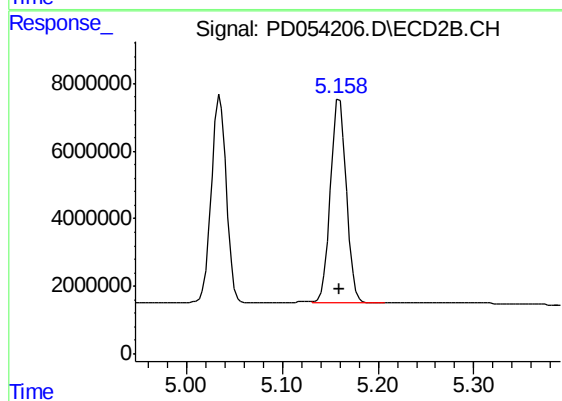
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 69949615
Conc: 57.03 ng/ml



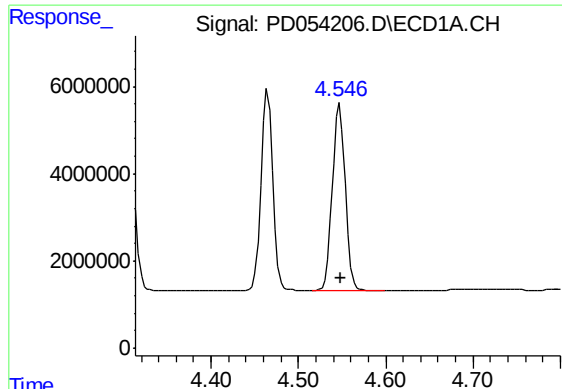
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 41267249
Conc: 56.63 ng/ml



#4 Heptachlor

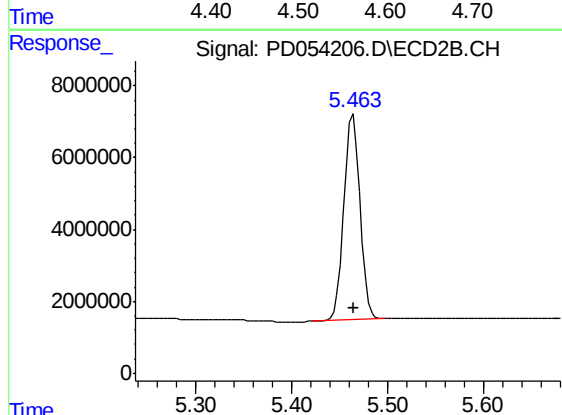
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 69657787
Conc: 55.61 ng/ml



#5 Aldrin

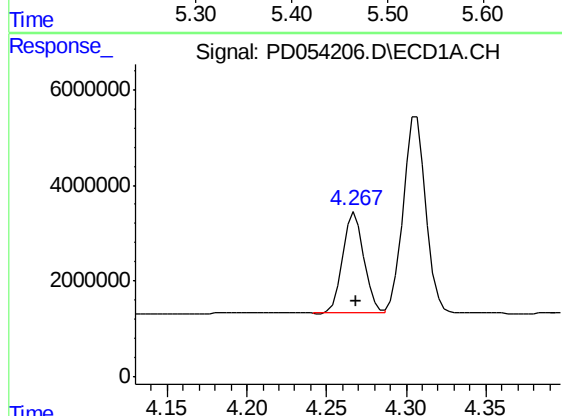
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 44721131
Conc: 56.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



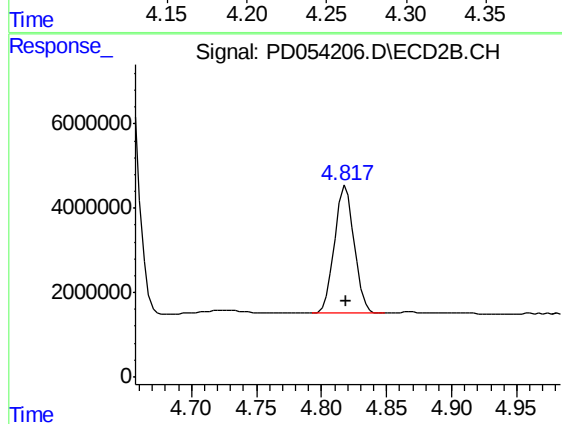
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 66731203
Conc: 54.27 ng/ml



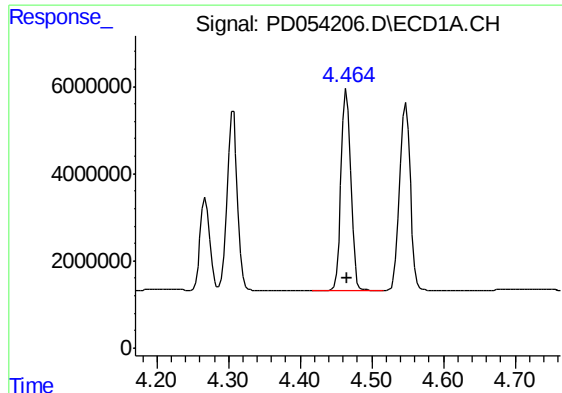
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 19716601
Conc: 55.98 ng/ml



#6 beta-BHC

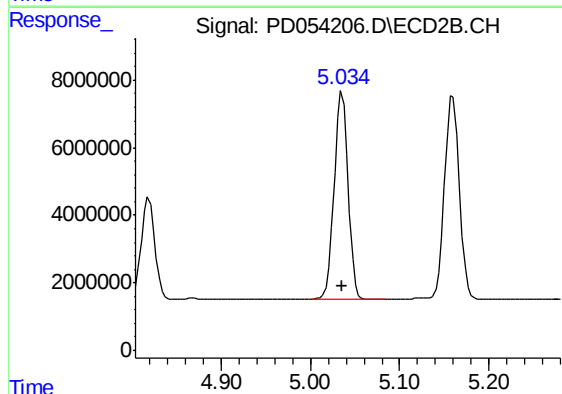
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 31928774
Conc: 57.03 ng/ml



#7 delta-BHC

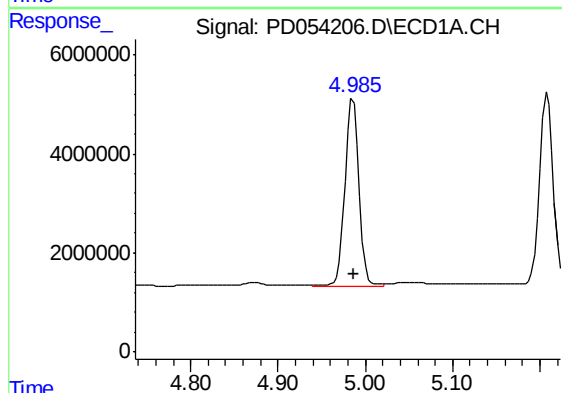
R.T.: 4.465 min
Delta R.T.: -0.001 min
Response: 43663580
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



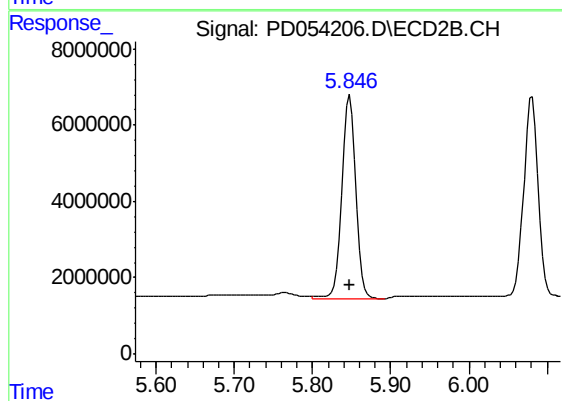
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 66453181
Conc: 51.34 ng/ml



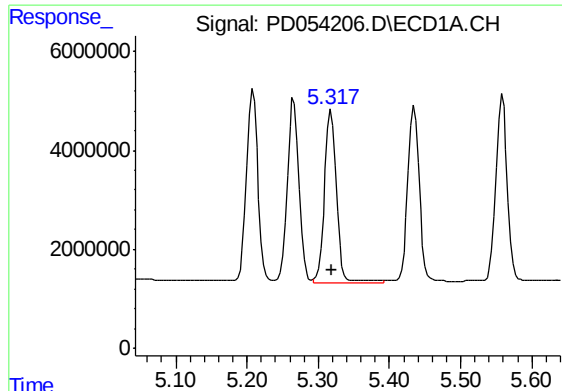
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 42687713
Conc: 56.27 ng/ml



#8 Heptachlor epoxide

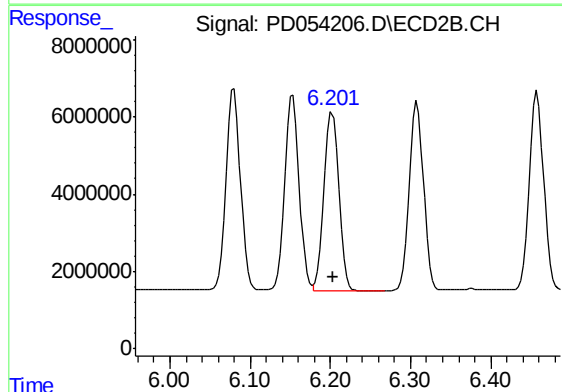
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 67593809
Conc: 55.90 ng/ml



#9 Endosulfan I

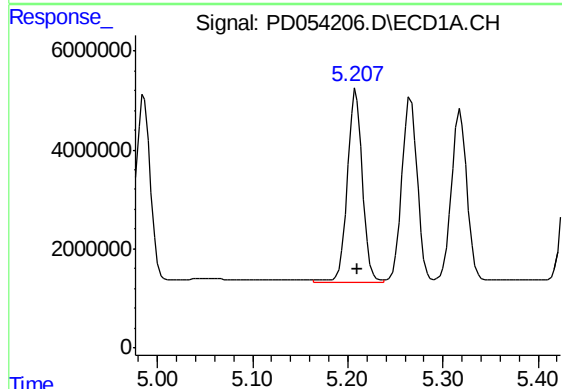
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 40295041
Conc: 54.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



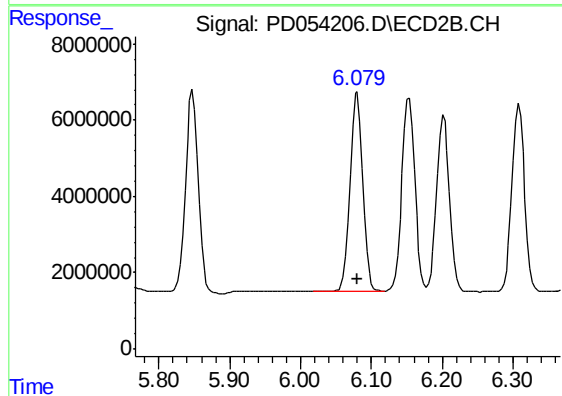
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 59081959
Conc: 50.88 ng/ml



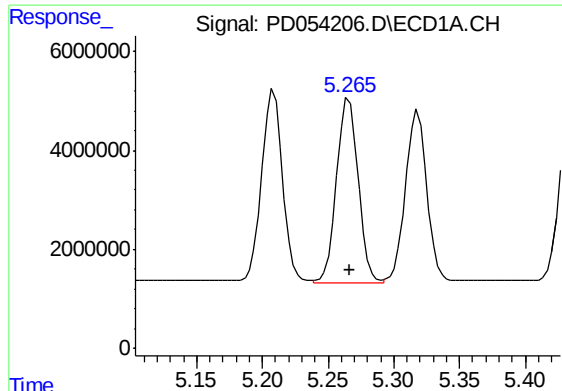
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 43870736
Conc: 53.94 ng/ml



#10 gamma-Chlordane

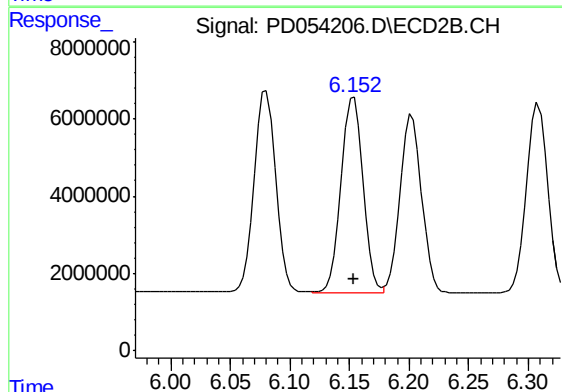
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 66059094
Conc: 50.15 ng/ml



#11 alpha-Chlordane

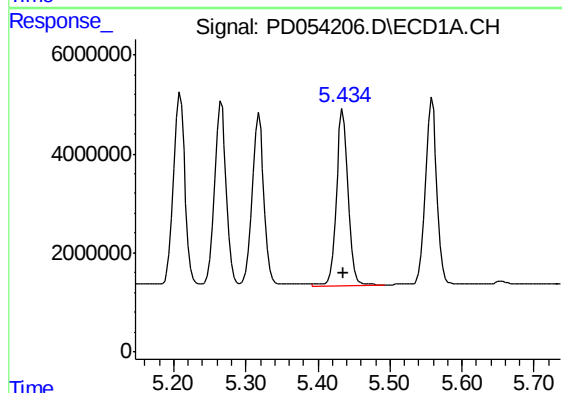
R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 42620957
Conc: 52.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



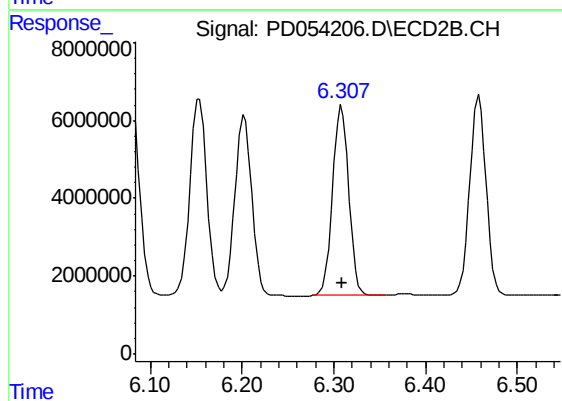
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 64781547
Conc: 49.89 ng/ml



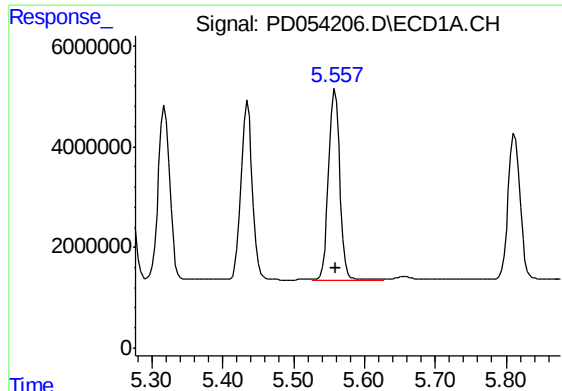
#12 4,4'-DDE

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 40298008
Conc: 50.86 ng/ml



#12 4,4'-DDE

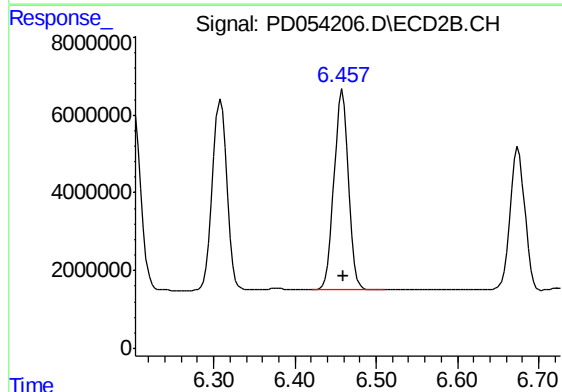
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 60404005
Conc: 49.16 ng/ml



#13 Dielddrin

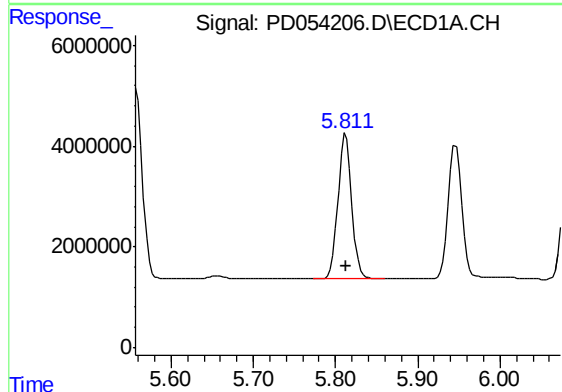
R.T.: 5.559 min
Delta R.T.: -0.001 min
Response: 42664087
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



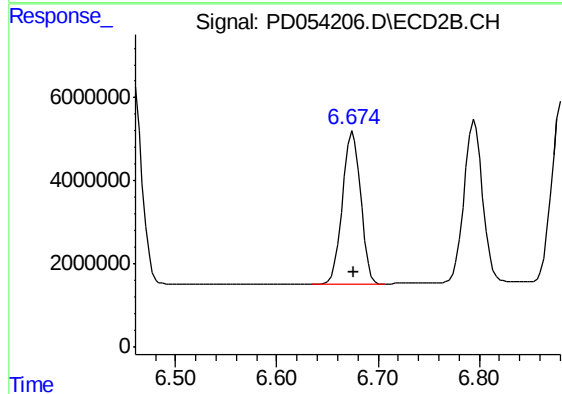
#13 Dielddrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 63650013
Conc: 50.65 ng/ml



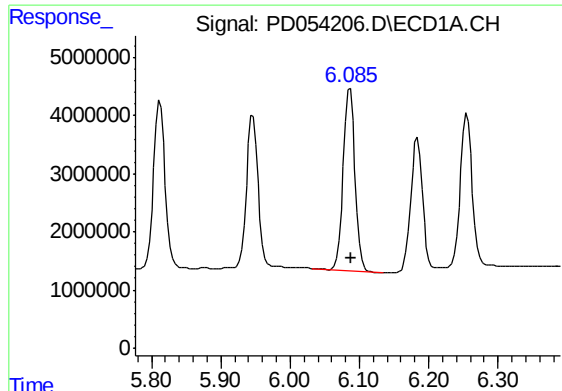
#14 Endrin

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 33502962
Conc: 44.74 ng/ml



#14 Endrin

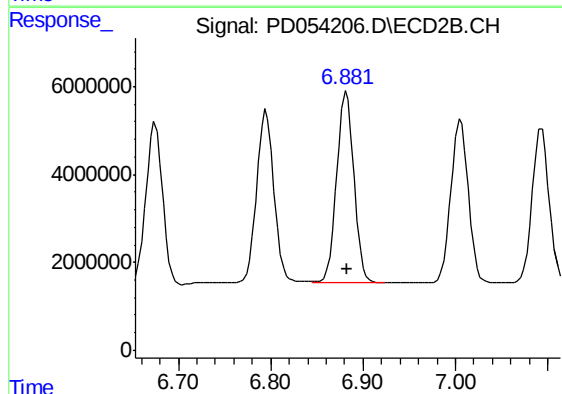
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 46097506
Conc: 43.98 ng/ml



#15 Endosulfan II

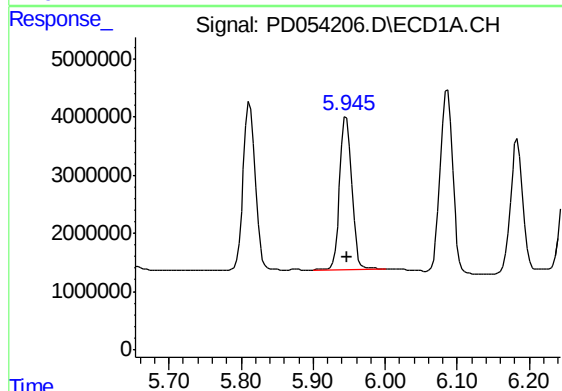
R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 37034318
Conc: 49.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



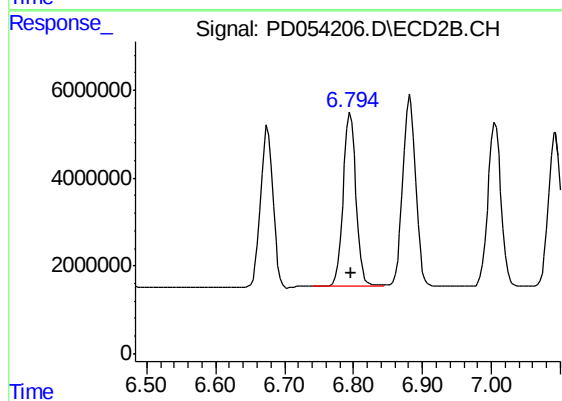
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 56439206
Conc: 48.81 ng/ml



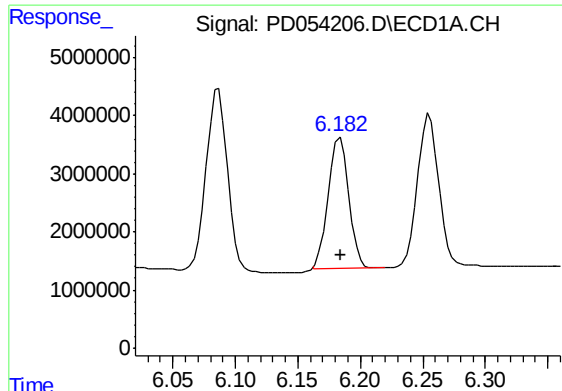
#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 30200725
Conc: 50.46 ng/ml



#16 4,4'-DDD

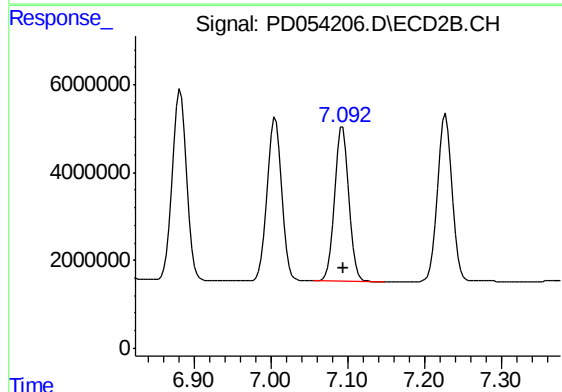
R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 50722019
Conc: 50.21 ng/ml



#17 4,4'-DDT

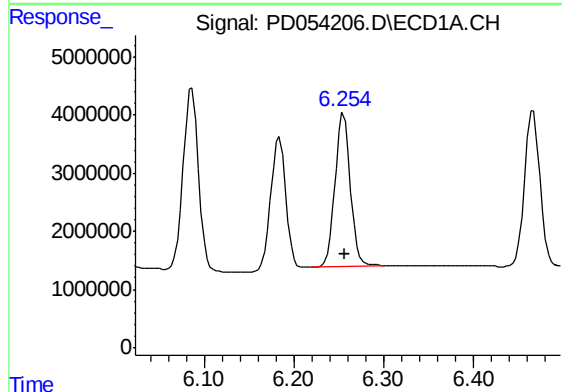
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 25912753
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



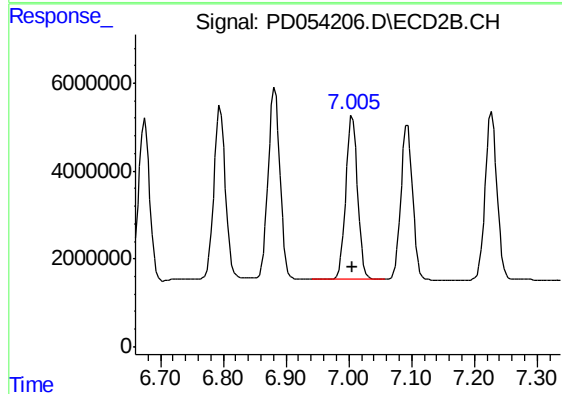
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 45245193
Conc: 45.93 ng/ml



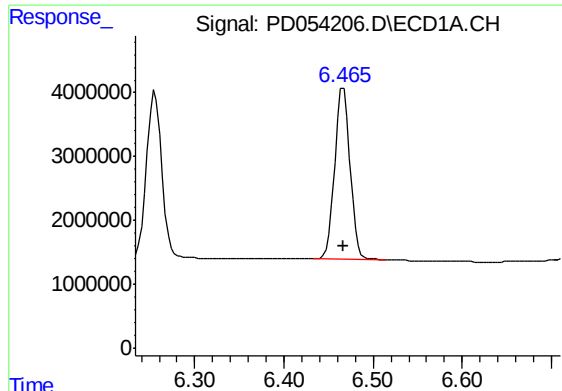
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 31335498
Conc: 49.33 ng/ml



#18 Endrin aldehyde

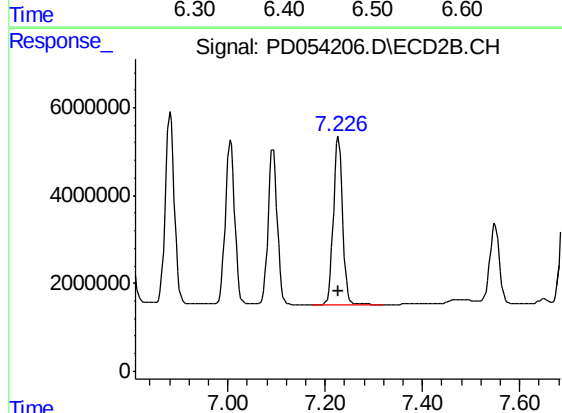
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 49054271
Conc: 49.32 ng/ml



#19 Endosulfan Sulfate

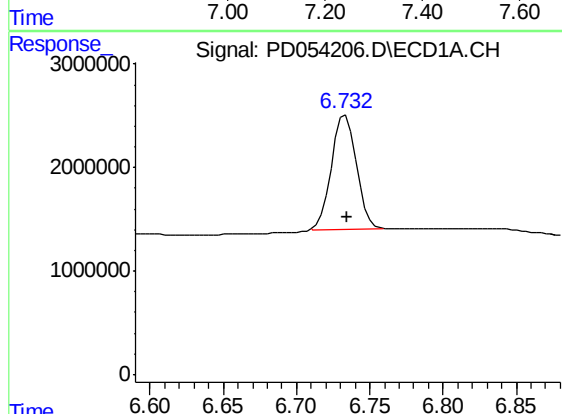
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 32286847
Conc: 45.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



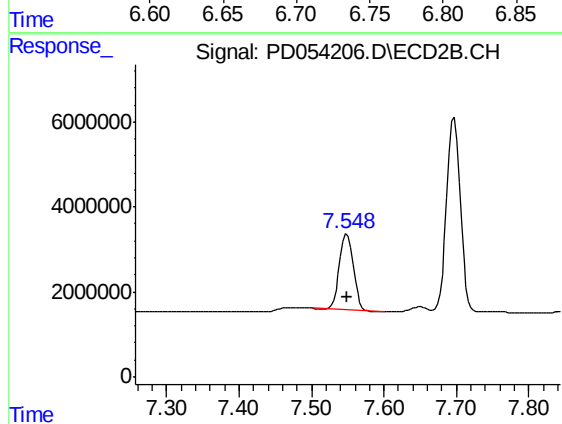
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 50295042
Conc: 46.28 ng/ml



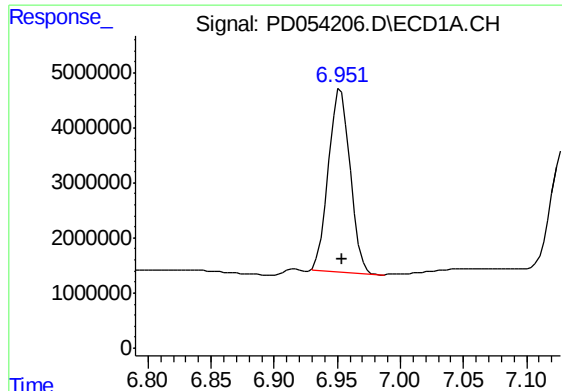
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 13051322
Conc: 45.67 ng/ml



#20 Methoxychlor

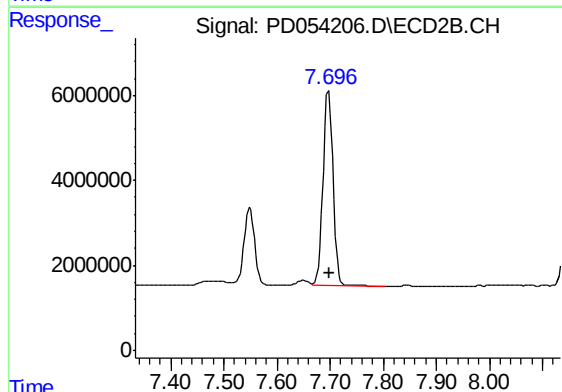
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 23780199
Conc: 44.32 ng/ml



#21 Endrin ketone

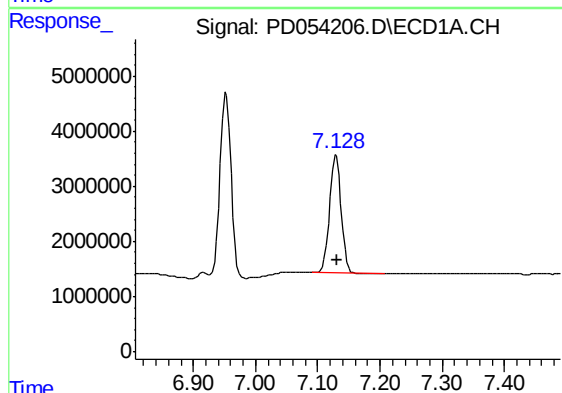
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 39629253
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



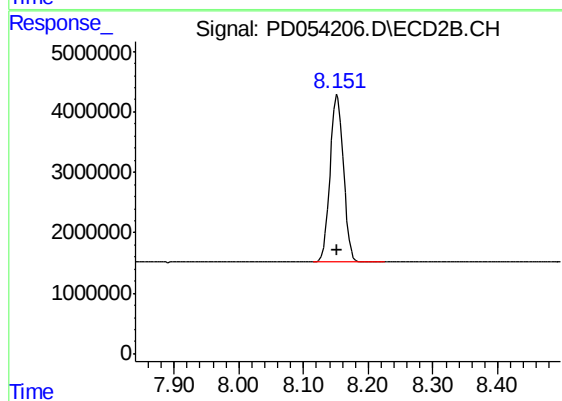
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 60110836
Conc: 49.44 ng/ml



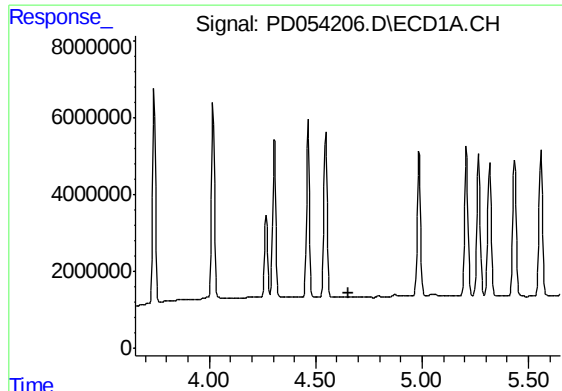
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 27778028
Conc: 42.70 ng/ml



#22 Mirex

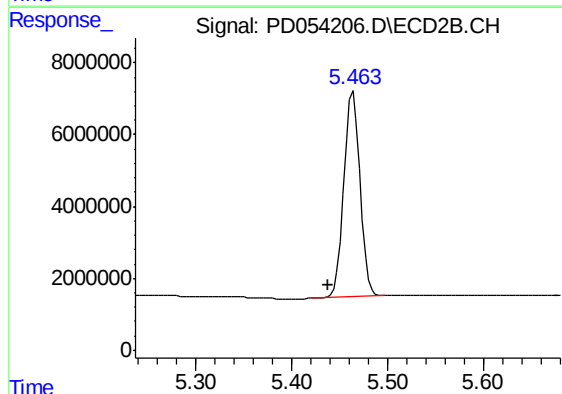
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 39312071
Conc: 42.65 ng/ml



#24 Chlordane-2

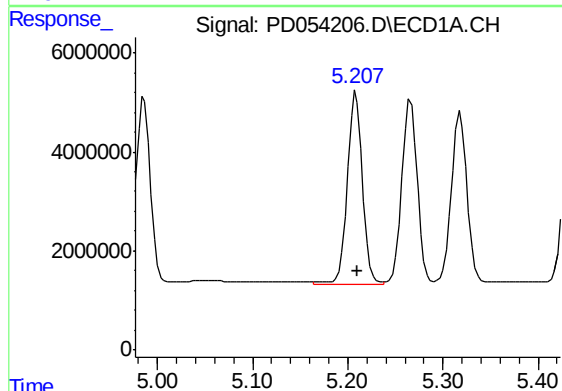
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



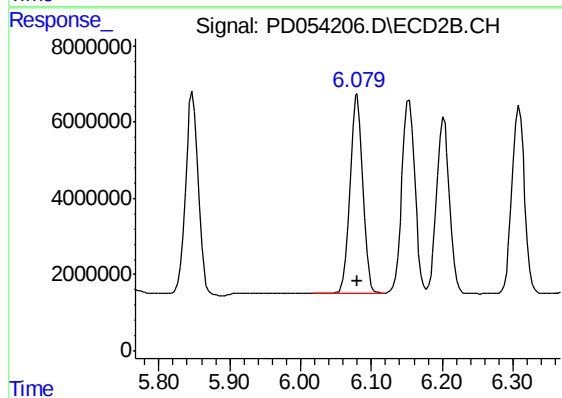
#24 Chlordane-2

R.T.: 5.464 min
Delta R.T.: 0.026 min
Response: 66731203
Conc: 1574.47 ng/ml



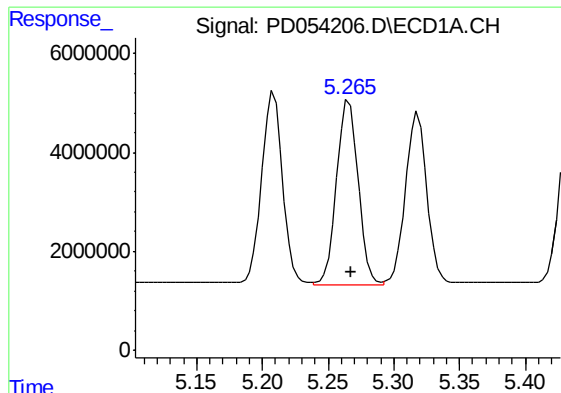
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 43870736
Conc: 551.61 ng/ml



#25 Chlordane-3

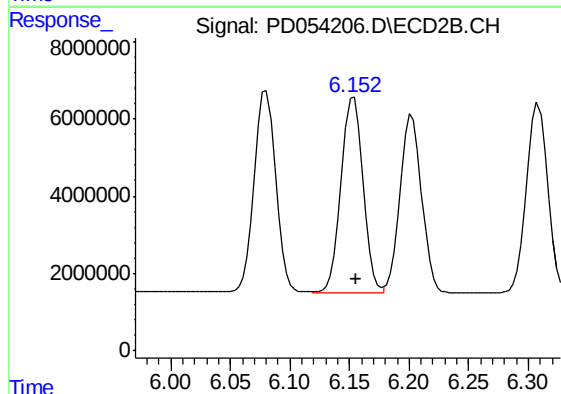
R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 66059094
Conc: 377.23 ng/ml



#26 Chlordane-4

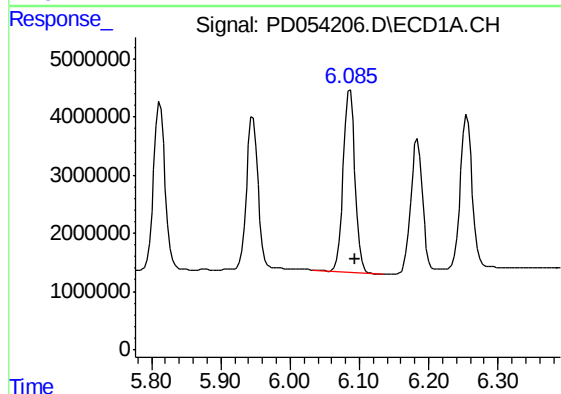
R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 42620957
Conc: 619.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



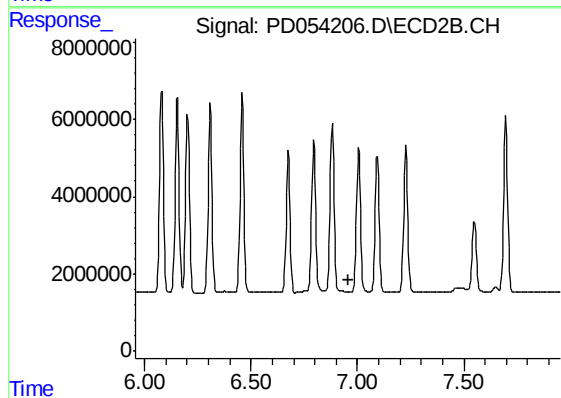
#26 Chlordane-4

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 64781547
Conc: 306.04 ng/ml



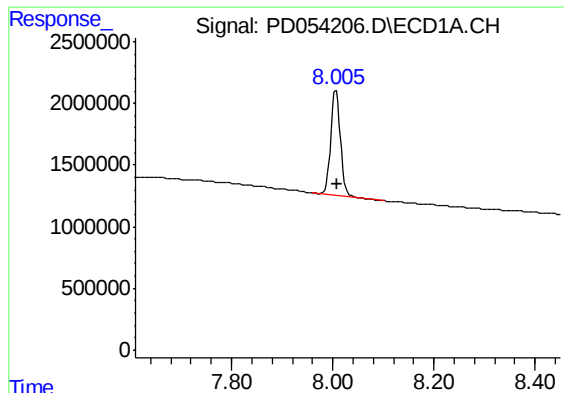
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 37034318
Conc: 1386.52 ng/ml



#27 Chlordane-5

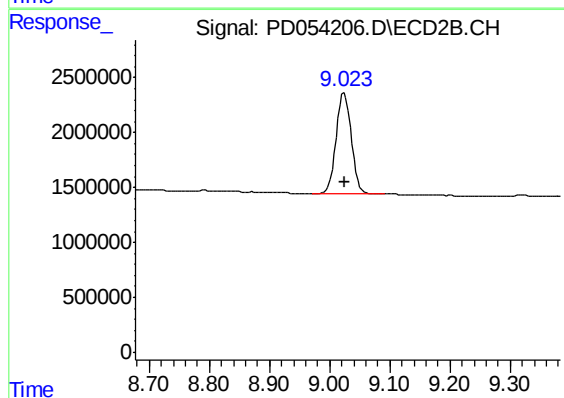
R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.002 min
Response: 11496540
Conc: 17.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 02



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 16184635
Conc: 17.46 ng/ml