

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
 Data File : PD054207.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 14:46
 Operator : SM\AJ
 Sample : SOIL IDOC 03
 Misc : FOR STEPHEN
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL IDOC 03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 01:02:12 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	11571695	18464238	20.106	21.196
28)	SA Decachlor...	8.008	9.025	11394356	16235101	16.926	17.513
Target Compounds							
2)	A alpha-BHC	3.742	4.370	48640306	73792915	56.160	58.499
3)	MA gamma-BHC...	4.019	4.653	46133084	69835438	56.239	56.938
4)	MA Heptachlor	4.308	5.161	41351736	69447273	56.745	55.438
5)	MB Aldrin	4.548	5.465	44695532	66580447	56.243	54.150
6)	B beta-BHC	4.268	4.819	19579439	31910978	55.589	56.994
7)	B delta-BHC	4.466	5.036	43547321	66383125	51.939	51.285
8)	B Heptachlor...	4.986	5.848	42652074	66950008	56.223	55.364
9)	A Endosulfan I	5.319	6.203	39838350	58865009	53.620	50.691
10)	B gamma-Chl...	5.210	6.081	43325628	65958580	53.266	50.073
11)	B alpha-Chl...	5.268	6.153	42379245	64423139	52.311	49.616
12)	B 4,4'-DDE	5.436	6.309	39735380	60058210	50.146	48.879
13)	MA Dieldrin	5.560	6.459	42430432	63228221	52.246	50.319
14)	MA Endrin	5.814	6.676	33315561	45773487	44.487	43.673
15)	B Endosulfa...	6.088	6.883	36989508	56108973	49.436	48.523
16)	A 4,4'-DDD	5.948	6.796	30087276	50179070	50.272	49.668
17)	MA 4,4'-DDT	6.184	7.094	26535945	45111560	46.078	45.792
18)	B Endrin al...	6.256	7.007	31224385	49175277	49.159	49.446
19)	B Endosulfa...	6.467	7.229	32122942	50132573	45.697	46.135
20)	A Methoxychlor	6.734	7.550	12946250	23712895	45.302	44.195
21)	B Endrin ke...	6.954	7.698	39502404	59925439	49.291	49.287
22)	Mirex	7.131	8.153	27691388	39145106	42.566	42.471
24)	Chlordane-2	0.000	5.465f	0	66580447	N.D.	1570.908 #
25)	Chlordane-3	5.210	6.081	43325628	65958580	544.760	376.656 #
26)	Chlordane-4	5.268	6.153	42379245	64423139	615.767	304.350 #
27)	Chlordane-5	6.088	0.000	36989508	0	1384.843	N.D. #

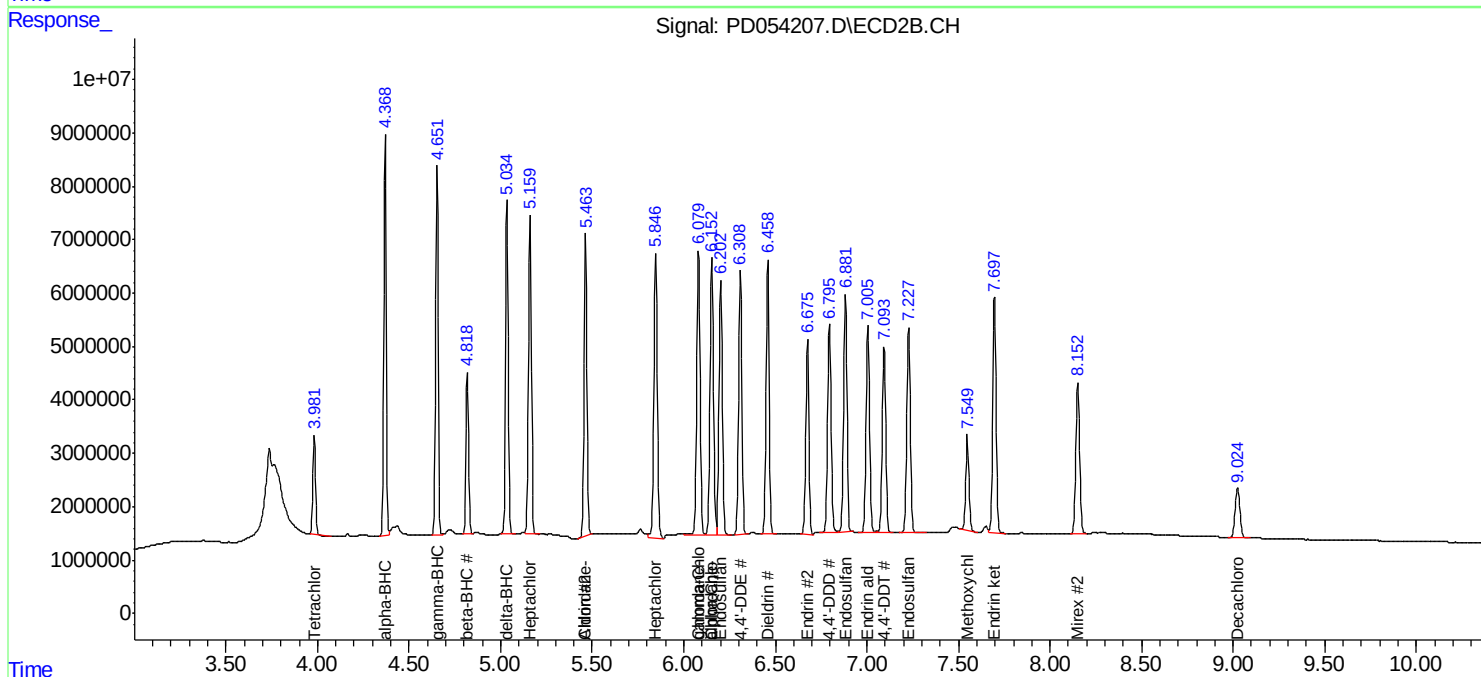
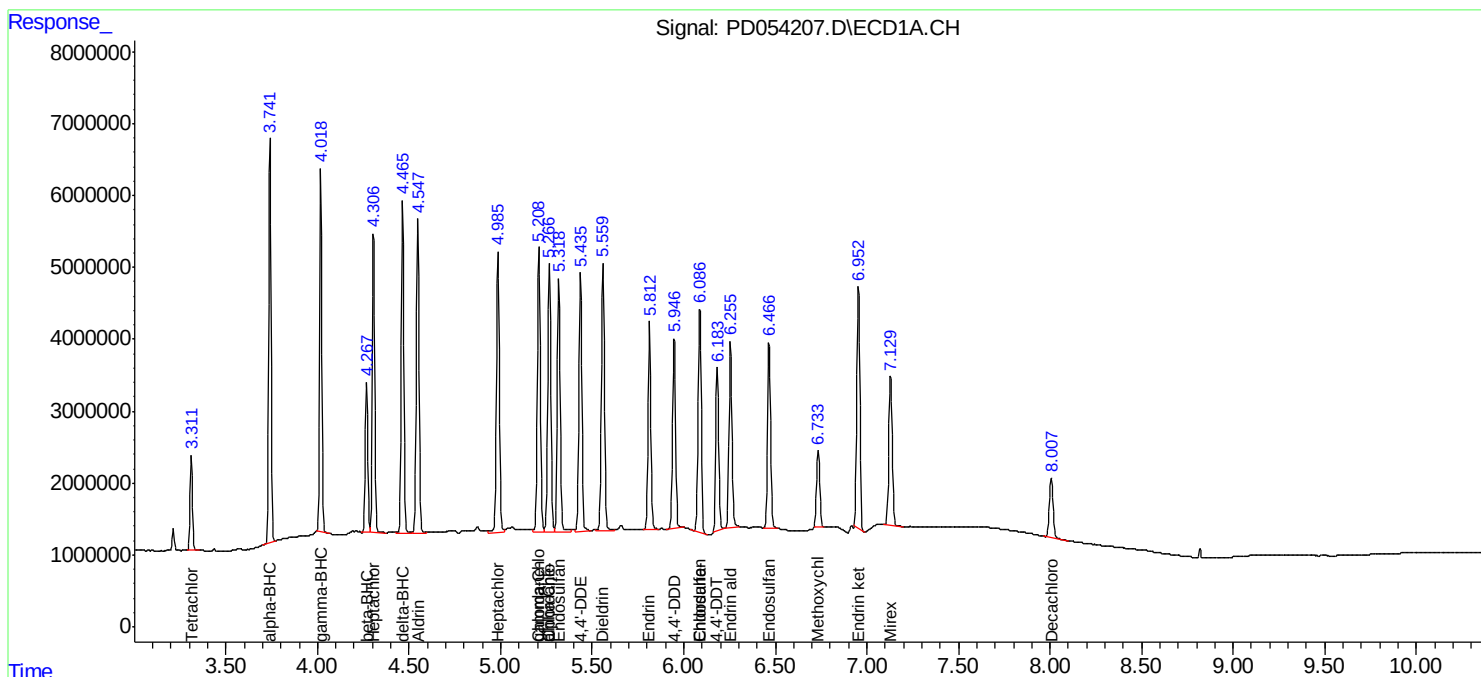
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

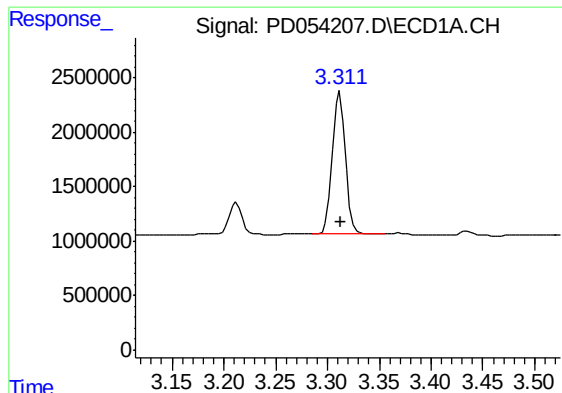
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080619\
Data File : PD054207.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Aug 2019 14:46
Operator : SM\AJ
Sample : SOIL IDOC 03
Misc : FOR STEPHEN
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 01:02:12 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

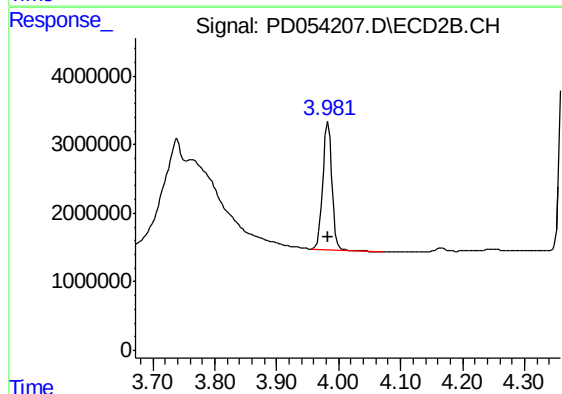




#1 Tetrachloro-m-xylene

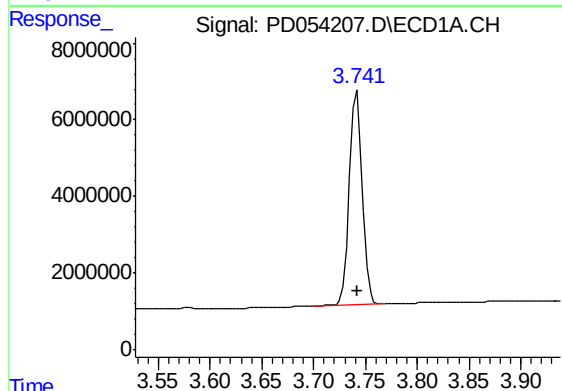
R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 11571695
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



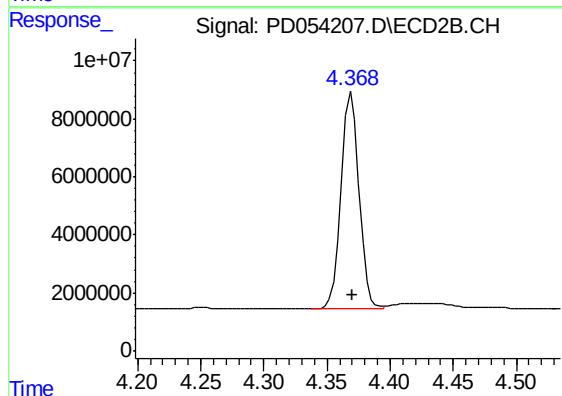
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18464238
Conc: 21.20 ng/ml



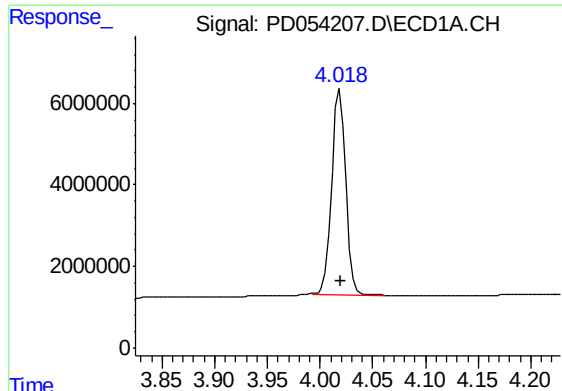
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 48640306
Conc: 56.16 ng/ml



#2 alpha-BHC

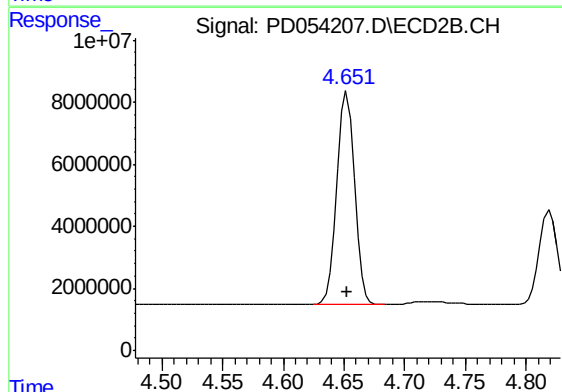
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 73792915
Conc: 58.50 ng/ml



#3 gamma-BHC (Lindane)

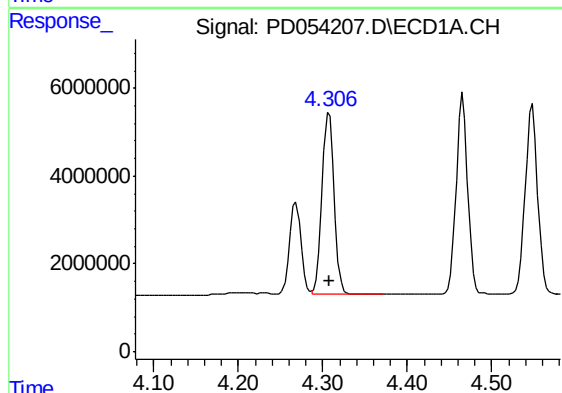
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 46133084
Conc: 56.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



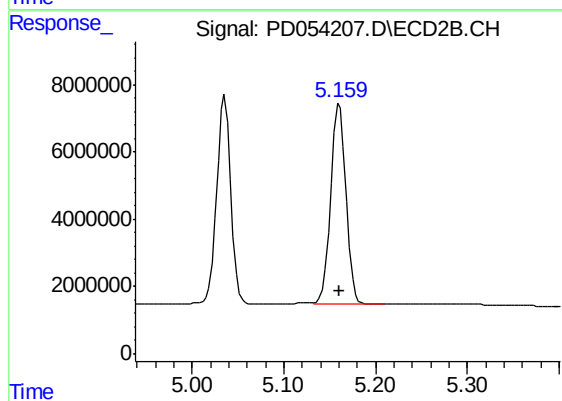
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 69835438
Conc: 56.94 ng/ml



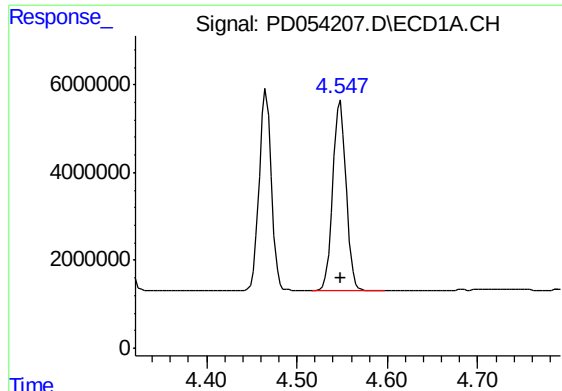
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 41351736
Conc: 56.75 ng/ml



#4 Heptachlor

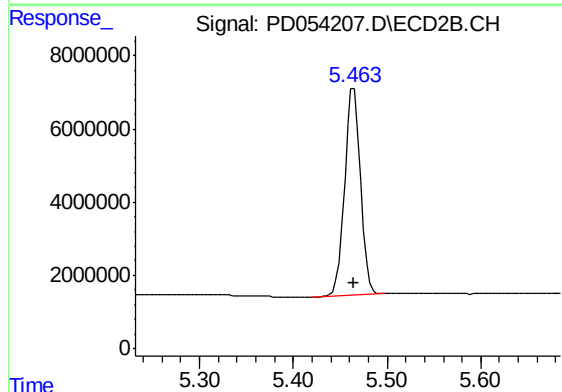
R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 69447273
Conc: 55.44 ng/ml



#5 Aldrin

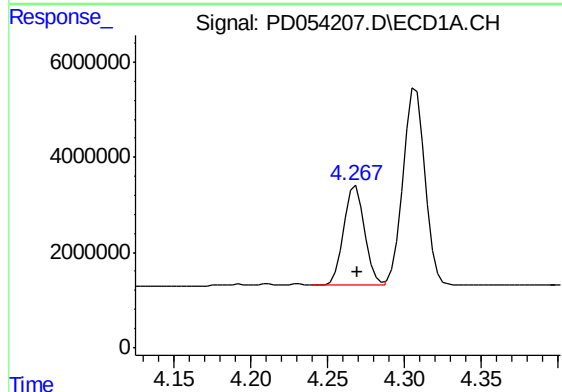
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 44695532
Conc: 56.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



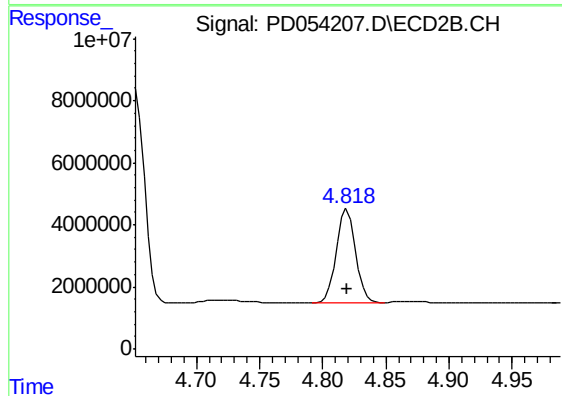
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 66580447
Conc: 54.15 ng/ml



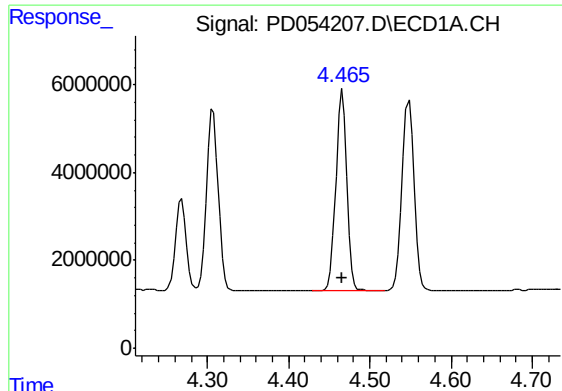
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 19579439
Conc: 55.59 ng/ml



#6 beta-BHC

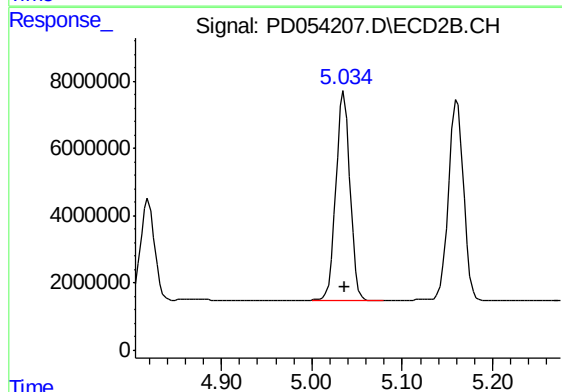
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 31910978
Conc: 56.99 ng/ml



#7 delta-BHC

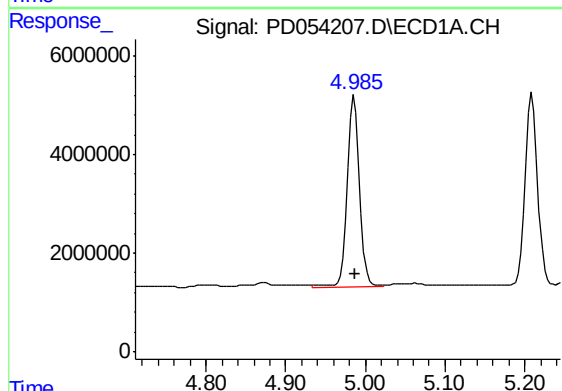
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 43547321
Conc: 51.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



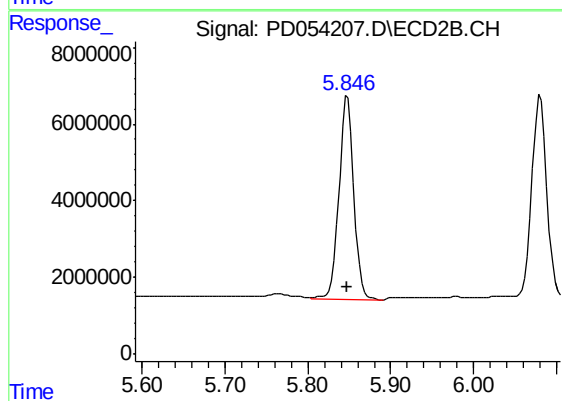
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 66383125
Conc: 51.28 ng/ml



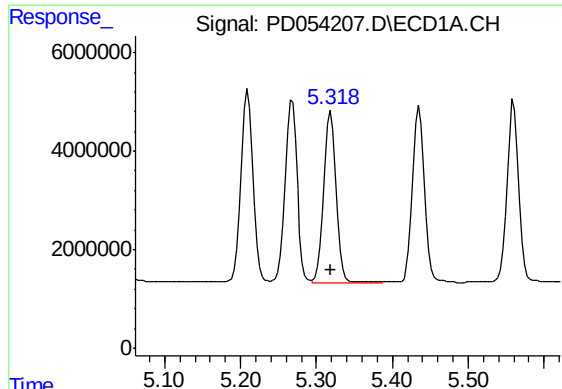
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 42652074
Conc: 56.22 ng/ml



#8 Heptachlor epoxide

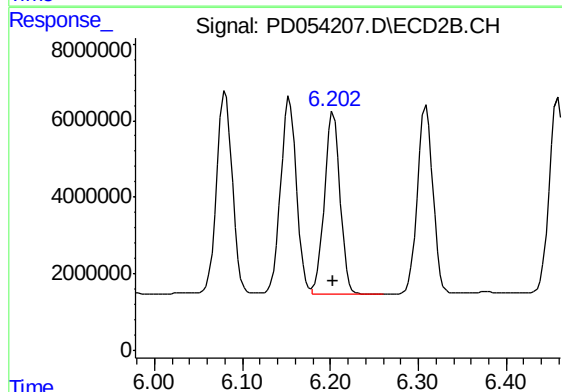
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 66950008
Conc: 55.36 ng/ml



#9 Endosulfan I

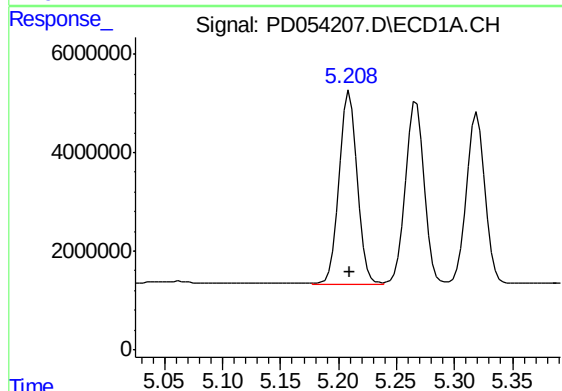
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 39838350
Conc: 53.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



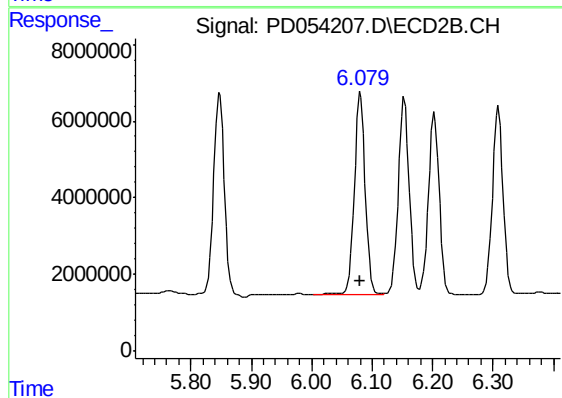
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 58865009
Conc: 50.69 ng/ml



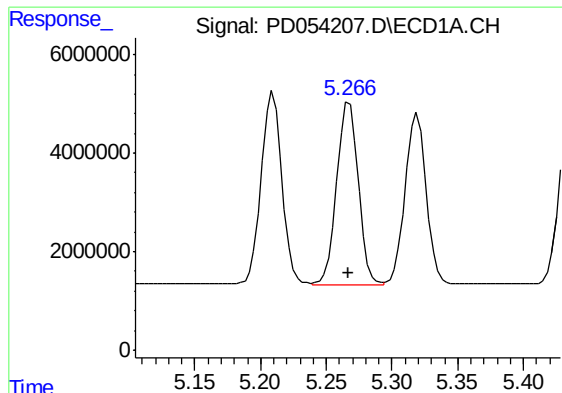
#10 gamma-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 43325628
Conc: 53.27 ng/ml



#10 gamma-Chlordane

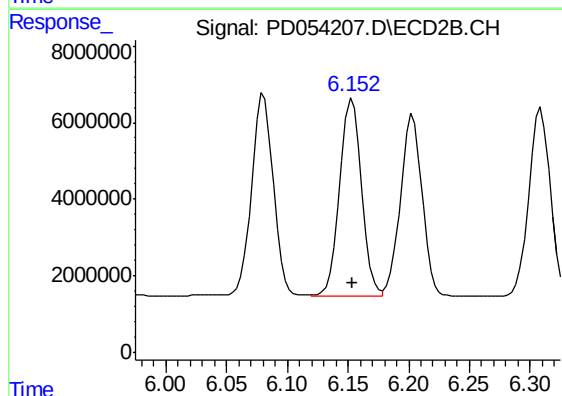
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 65958580
Conc: 50.07 ng/ml



#11 alpha-Chlordane

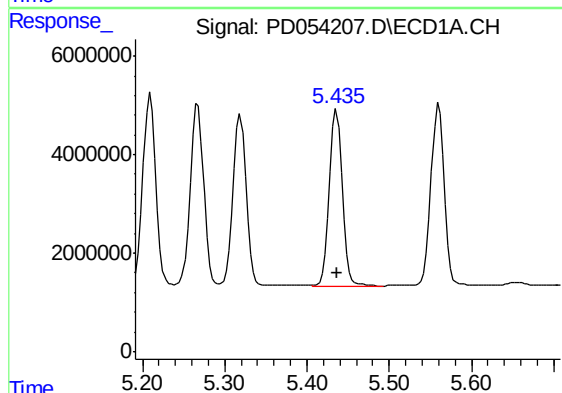
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 42379245
Conc: 52.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



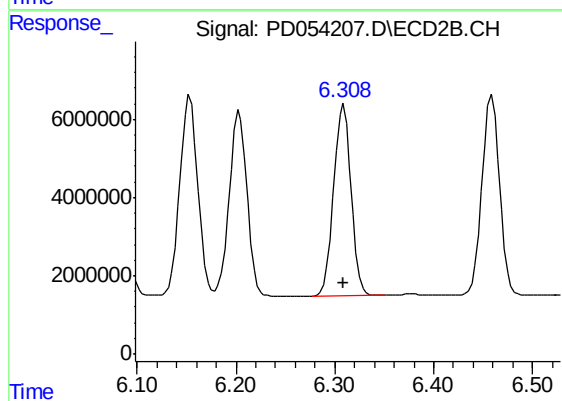
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 64423139
Conc: 49.62 ng/ml



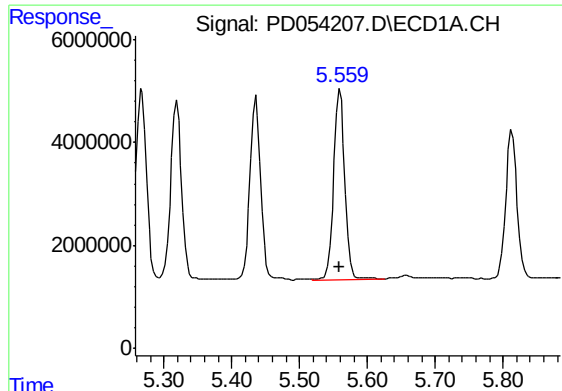
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 39735380
Conc: 50.15 ng/ml



#12 4,4'-DDE

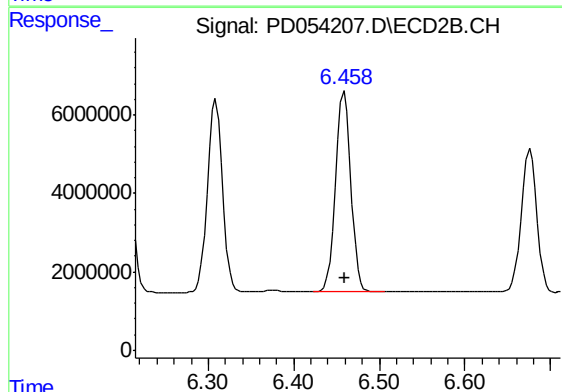
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 60058210
Conc: 48.88 ng/ml



#13 Dielddrin

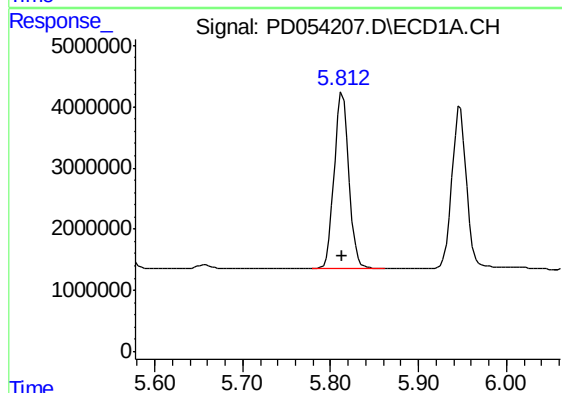
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 42430432
Conc: 52.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



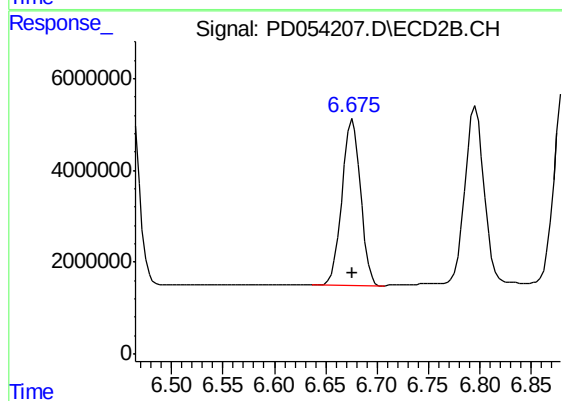
#13 Dielddrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 63228221
Conc: 50.32 ng/ml



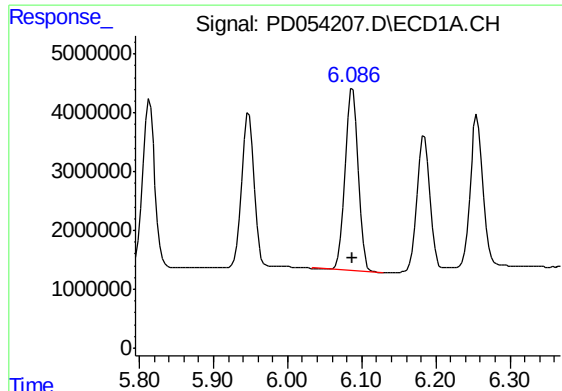
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 33315561
Conc: 44.49 ng/ml



#14 Endrin

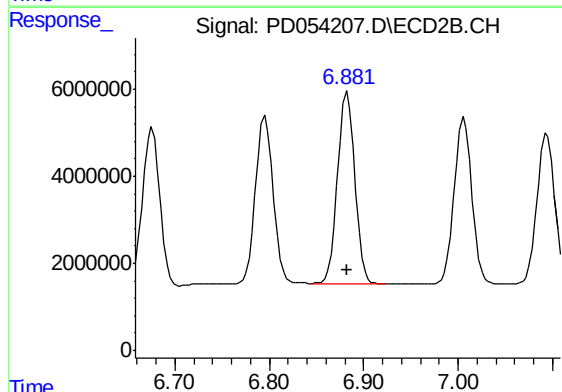
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 45773487
Conc: 43.67 ng/ml



#15 Endosulfan II

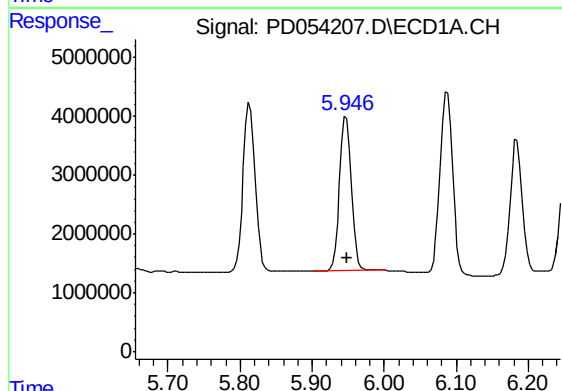
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 36989508
Conc: 49.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



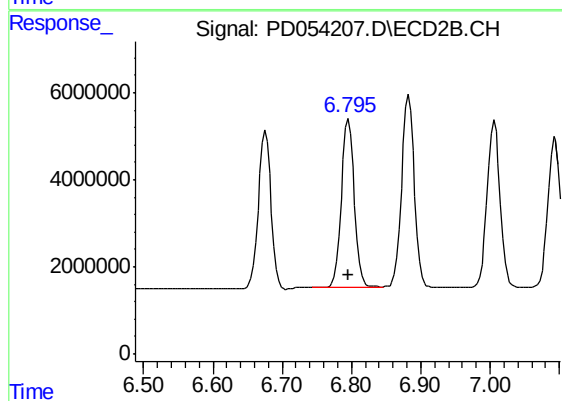
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 56108973
Conc: 48.52 ng/ml



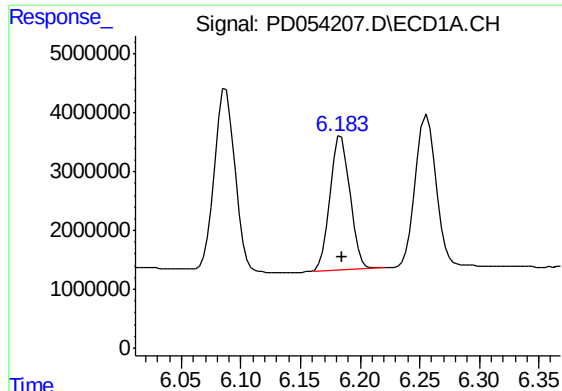
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 30087276
Conc: 50.27 ng/ml



#16 4,4'-DDD

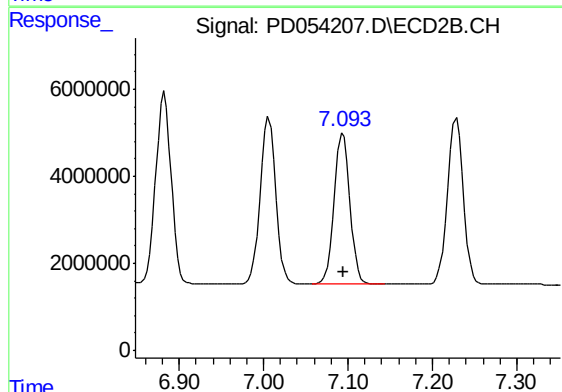
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 50179070
Conc: 49.67 ng/ml



#17 4,4'-DDT

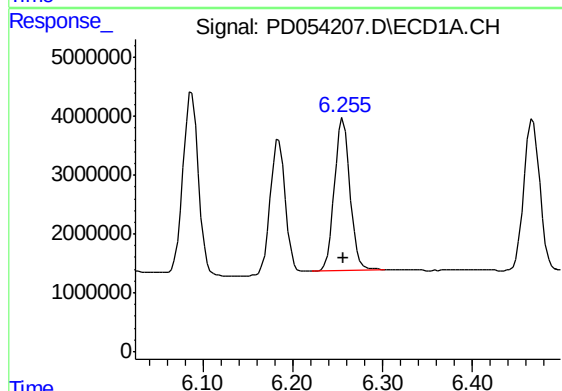
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 26535945
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



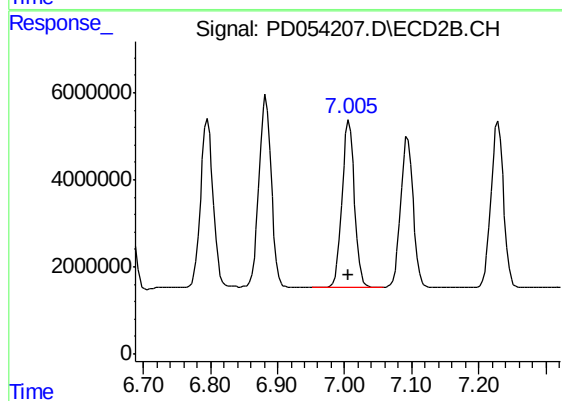
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 45111560
Conc: 45.79 ng/ml



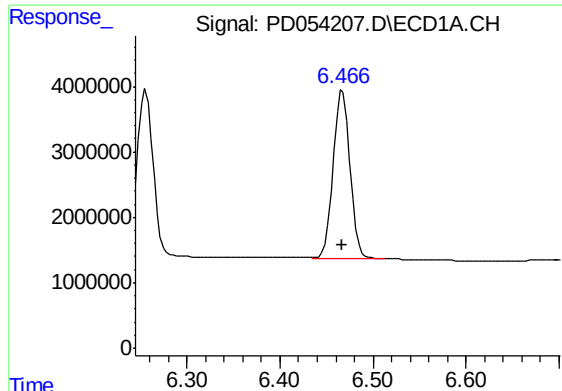
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 31224385
Conc: 49.16 ng/ml



#18 Endrin aldehyde

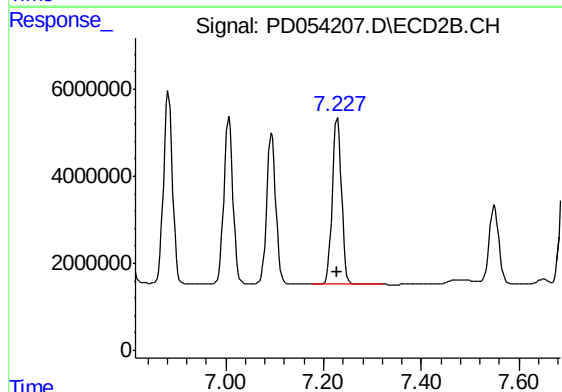
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 49175277
Conc: 49.45 ng/ml



#19 Endosulfan Sulfate

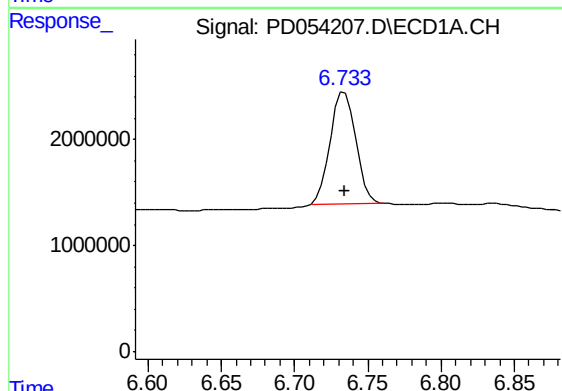
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 32122942
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



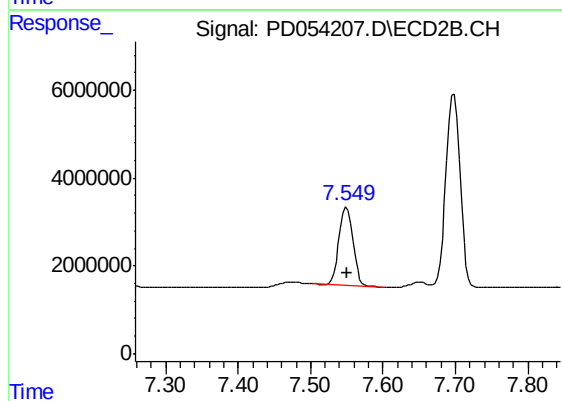
#19 Endosulfan Sulfate

R.T.: 7.229 min
Delta R.T.: 0.000 min
Response: 50132573
Conc: 46.13 ng/ml



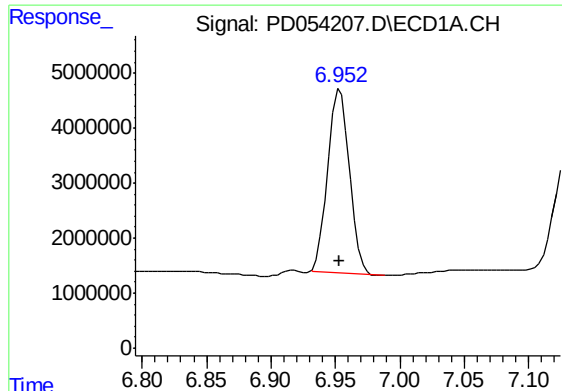
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 12946250
Conc: 45.30 ng/ml



#20 Methoxychlor

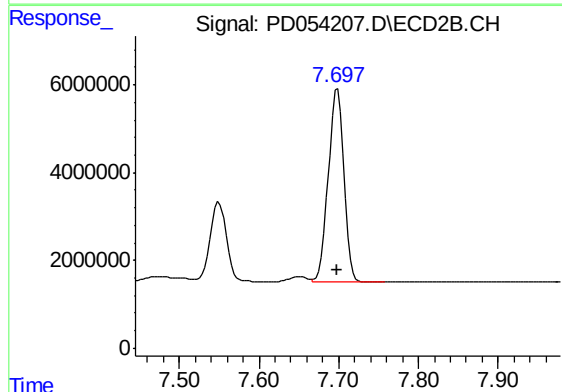
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 23712895
Conc: 44.19 ng/ml



#21 Endrin ketone

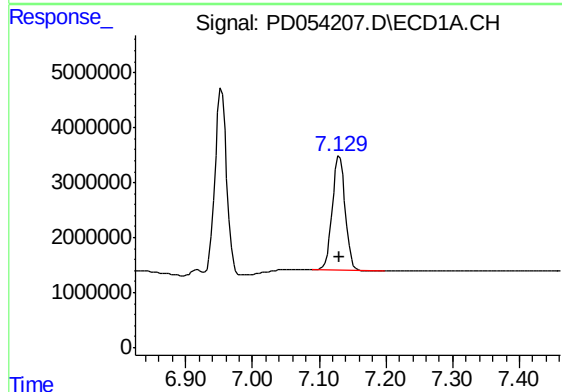
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 39502404
Conc: 49.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



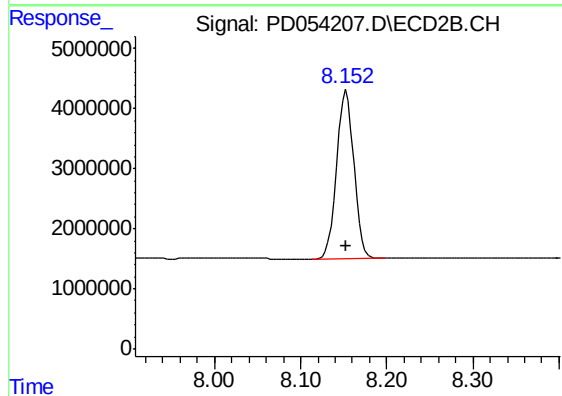
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 59925439
Conc: 49.29 ng/ml



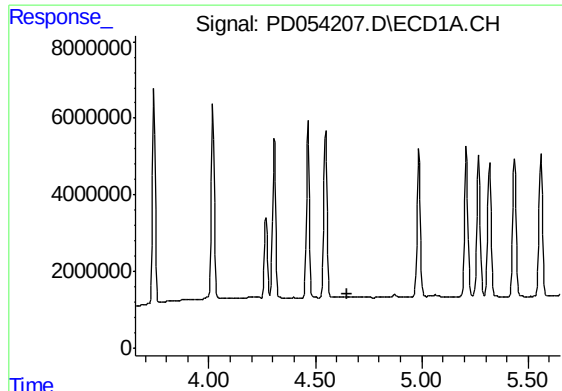
#22 Mirex

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 27691388
Conc: 42.57 ng/ml



#22 Mirex

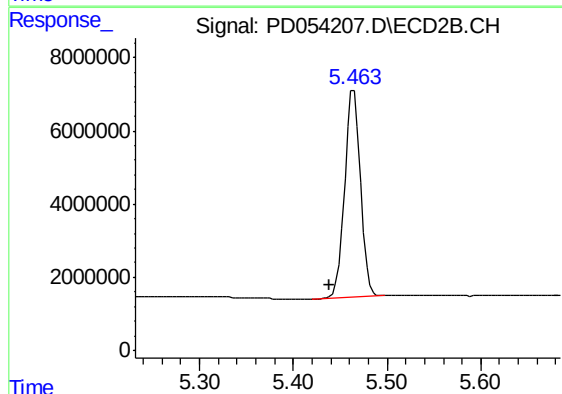
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 39145106
Conc: 42.47 ng/ml



#24 Chlordane-2

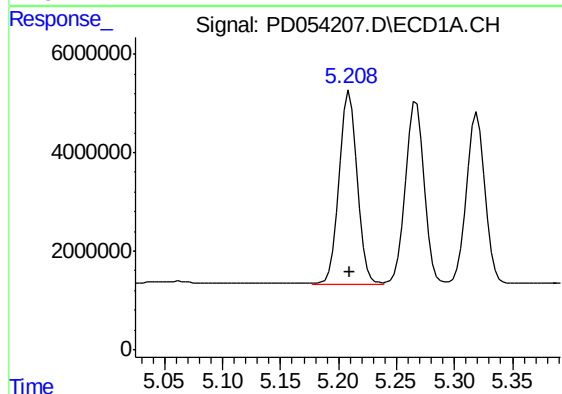
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



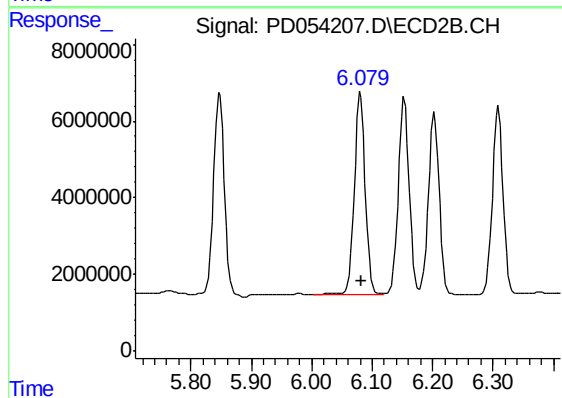
#24 Chlordane-2

R.T.: 5.465 min
Delta R.T.: 0.026 min
Response: 66580447
Conc: 1570.91 ng/ml



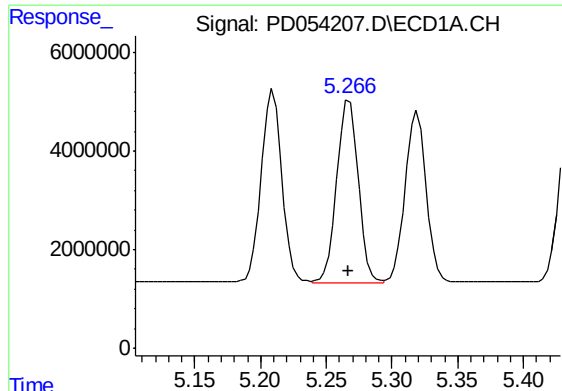
#25 Chlordane-3

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 43325628
Conc: 544.76 ng/ml



#25 Chlordane-3

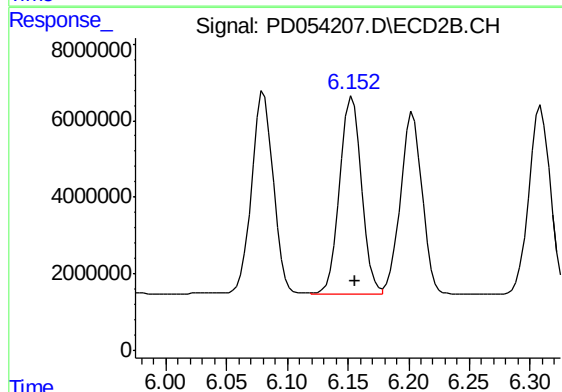
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 65958580
Conc: 376.66 ng/ml



#26 Chlordane-4

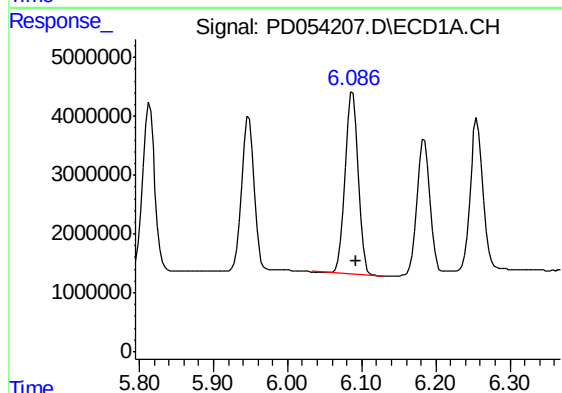
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 42379245
Conc: 615.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



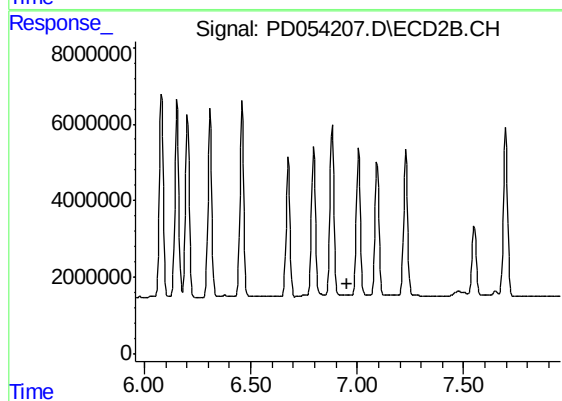
#26 Chlordane-4

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 64423139
Conc: 304.35 ng/ml



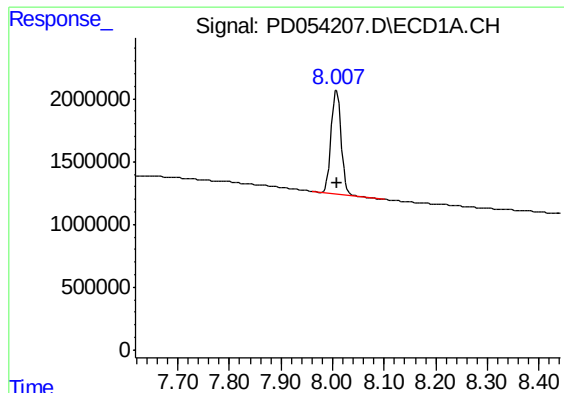
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 36989508
Conc: 1384.84 ng/ml



#27 Chlordane-5

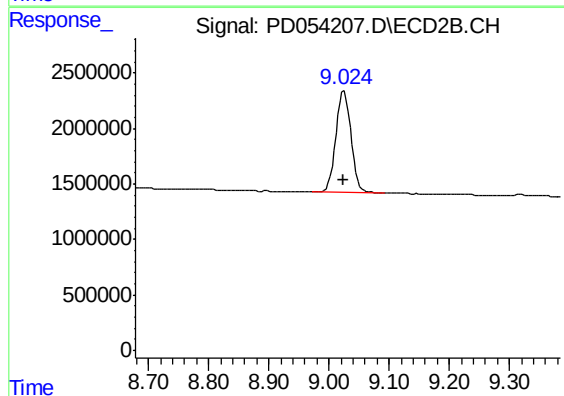
R.T.: 0.000 min
Exp R.T.: 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 11394356
Conc: 16.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL IDOC 03



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 16235101
Conc: 17.51 ng/ml