

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
 Data File : PL047500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2019 15:05
 Operator : AJ\SJ
 Sample : SOIL IDOC-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 01:12:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.358	3.976	139.9E6	44852363	19.232	19.590
28)	SA Decachlor...	8.033	9.028	180.3E6	51705544	21.435	22.302
Target Compounds							
2)	A alpha-BHC	3.787	4.366	667.9E6	181.3E6	57.275	56.419
3)	MA gamma-BHC...	4.064	4.650	615.5E6	169.2E6	57.282	56.523
4)	MA Heptachlor	4.350	5.156	644.6E6	172.5E6	58.468	56.087
5)	MB Aldrin	4.591	5.460	621.4E6	166.6E6	60.239	58.164
6)	B beta-BHC	4.317	4.824	251.3E6	75121765	55.819	56.666
7)	B delta-BHC	4.512	5.039	577.3E6	133.7E6	57.024	57.632
8)	B Heptachlor...	5.028	5.846	564.4E6	142.8E6	57.864	54.134
9)	A Endosulfan I	5.359	6.202	541.4E6	145.6E6	57.585	55.770
10)	B gamma-Chl...	5.251	6.080	587.2E6	157.7E6	57.157	55.572
11)	B alpha-Chl...	5.307	6.152	574.5E6	157.1E6	56.660	55.390
12)	B 4,4'-DDE	5.474	6.311	533.4E6	141.8E6	57.938	57.143
13)	MA Dieldrin	5.599	6.459	582.1E6	150.7E6	58.003	55.609
14)	MA Endrin	5.852	6.676	502.9E6	125.0E6	53.396	52.319
15)	B Endosulfa...	6.127	6.887	499.4E6	132.6E6	55.735	54.961
16)	A 4,4'-DDD	5.985	6.801	445.4E6	115.8E6	58.920	57.530
17)	MA 4,4'-DDT	6.220	7.098	428.1E6	113.0E6	56.514	53.888
18)	B Endrin al...	6.293	7.011	425.4E6	116.8E6	56.760	54.989
19)	B Endosulfa...	6.505	7.233	481.1E6	131.6E6	58.588	55.771
20)	A Methoxychlor	6.764	7.558	228.1E6	66783772	53.682	52.389
21)	B Endrin ke...	6.988	7.703	557.0E6	143.3E6	60.241	57.674
22)	Mirex	7.163	8.155	396.6E6	109.7E6	54.432	54.840
24)	Chlordane-2	0.000	5.460f	0	166.6E6	N.D.	1426.591 #
25)	Chlordane-3	5.251	6.080	587.2E6	157.7E6	527.223	413.669
26)	Chlordane-4	5.307	6.152	574.5E6	157.1E6	555.554	340.517 #
27)	Chlordane-5	6.127	0.000	499.4E6	0	1463.253	N.D. #

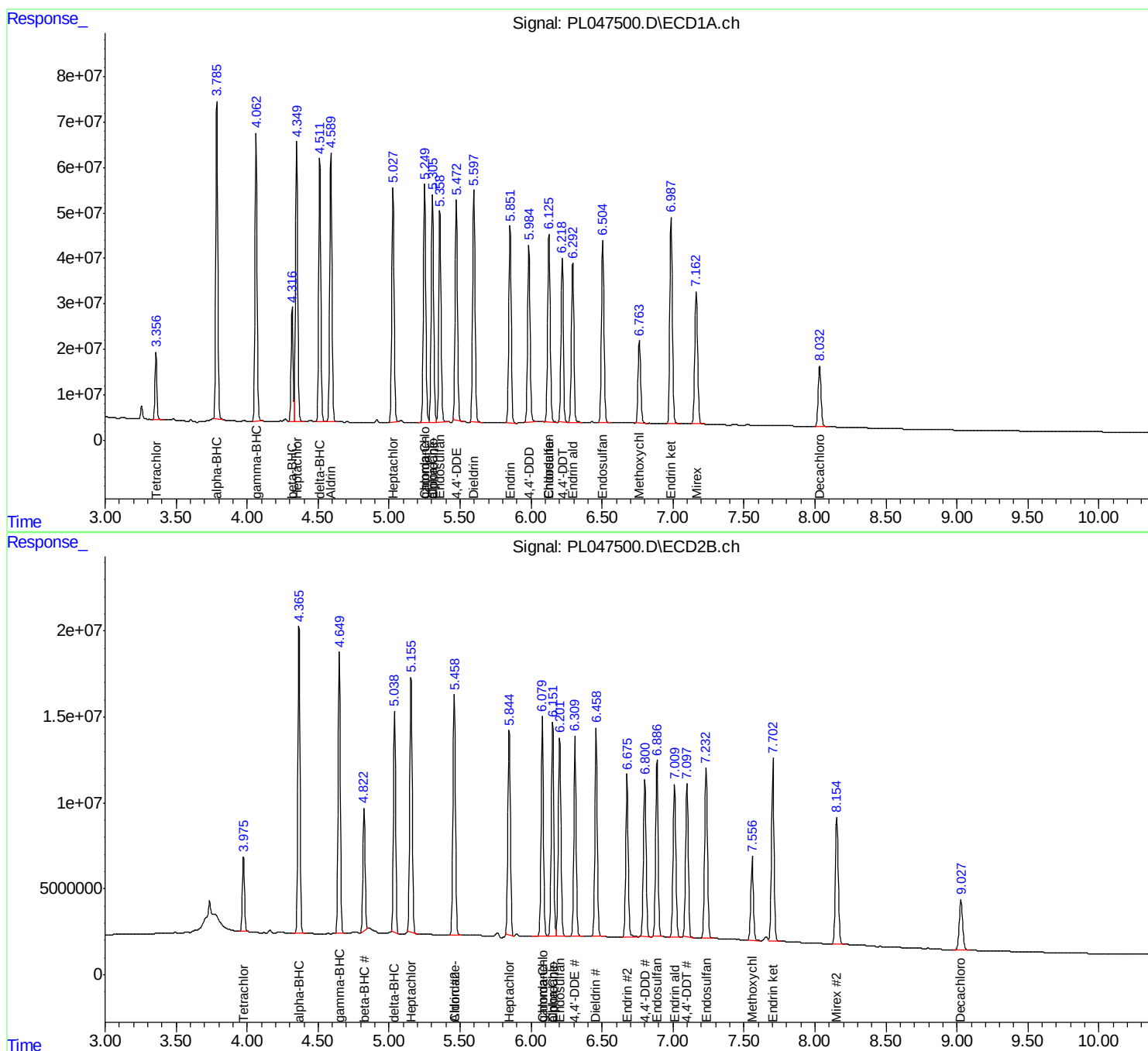
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

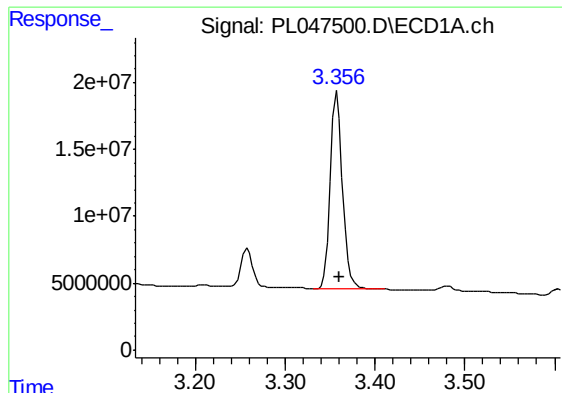
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
Data File : PL047500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2019 15:05
Operator : AJ\SJ
Sample : SOIL IDOC-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:12:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

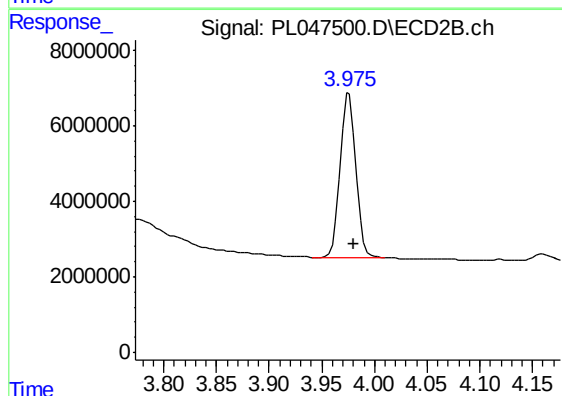




#1 Tetrachloro-m-xylene

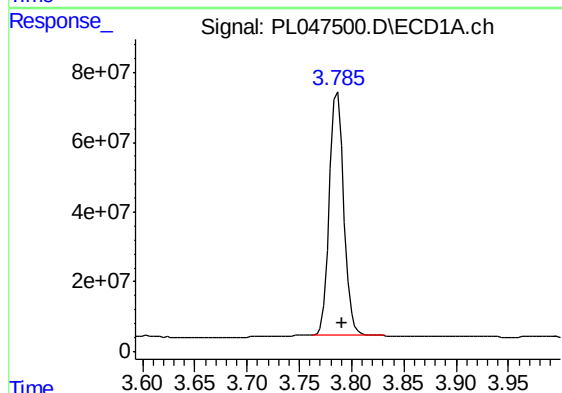
R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 139907035
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



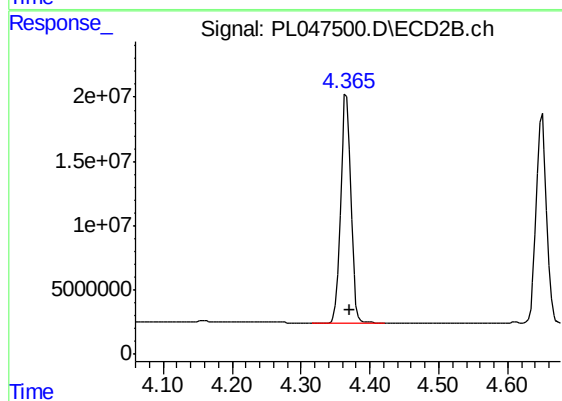
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 44852363
Conc: 19.59 ng/ml



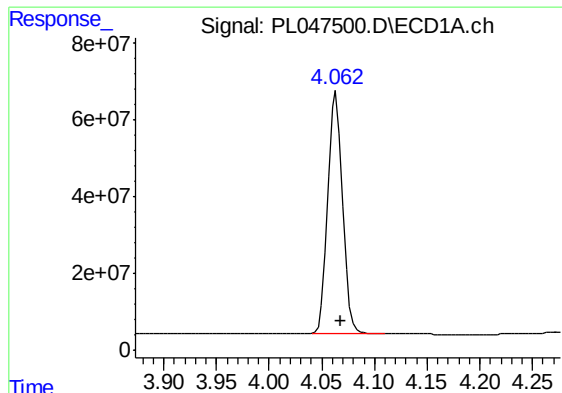
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.004 min
Response: 667939273
Conc: 57.27 ng/ml



#2 alpha-BHC

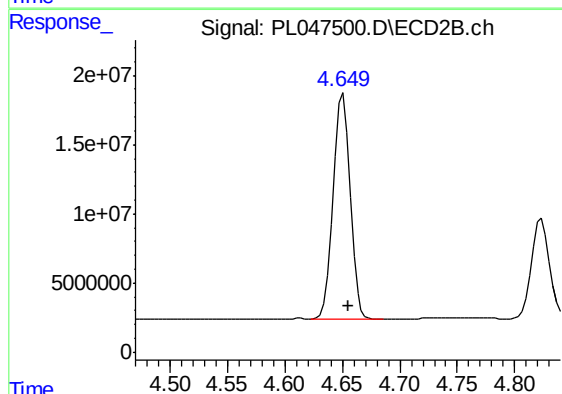
R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 181290990
Conc: 56.42 ng/ml



#3 gamma-BHC (Lindane)

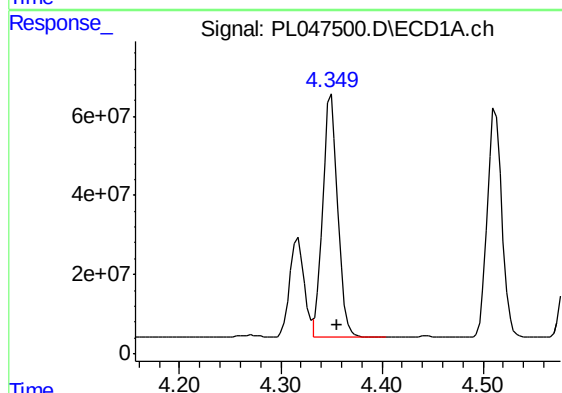
R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 615463485
Conc: 57.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



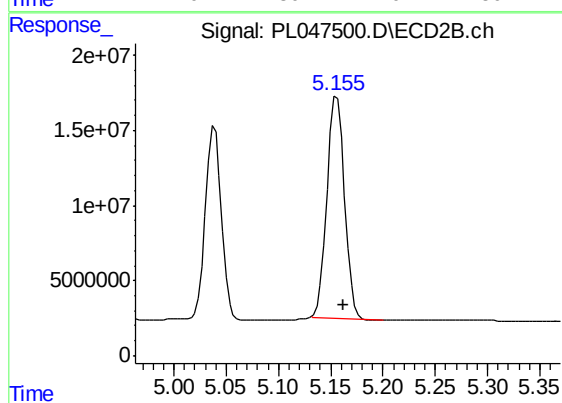
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 169173491
Conc: 56.52 ng/ml



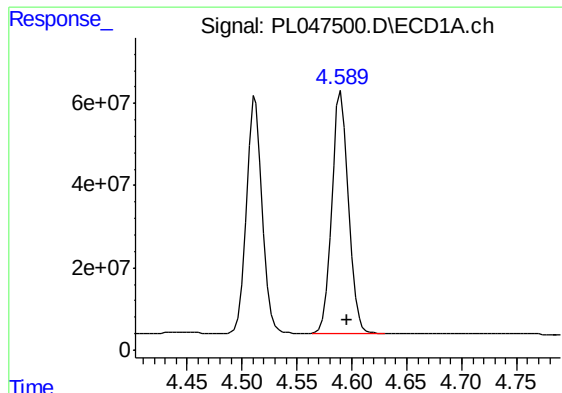
#4 Heptachlor

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 644615622
Conc: 58.47 ng/ml



#4 Heptachlor

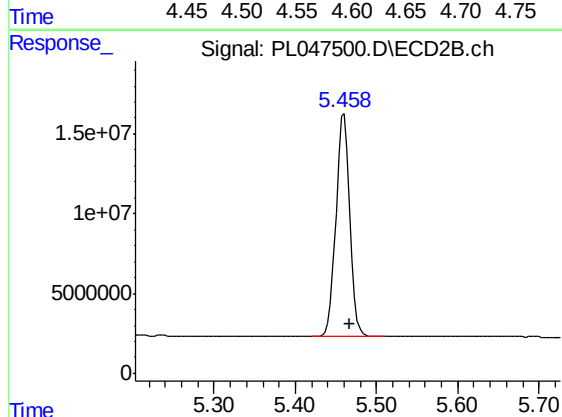
R.T.: 5.156 min
Delta R.T.: -0.006 min
Response: 172518262
Conc: 56.09 ng/ml



#5 Aldrin

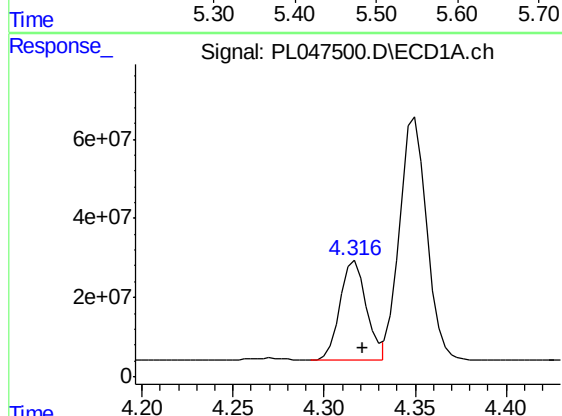
R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 621367763
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



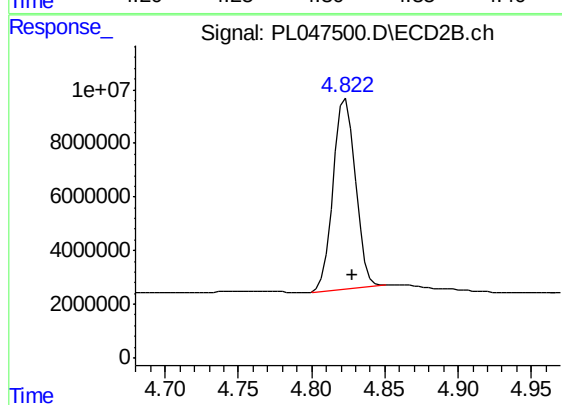
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 166638996
Conc: 58.16 ng/ml



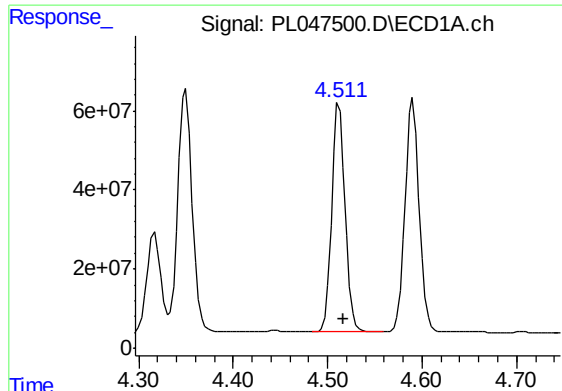
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 251319800
Conc: 55.82 ng/ml



#6 beta-BHC

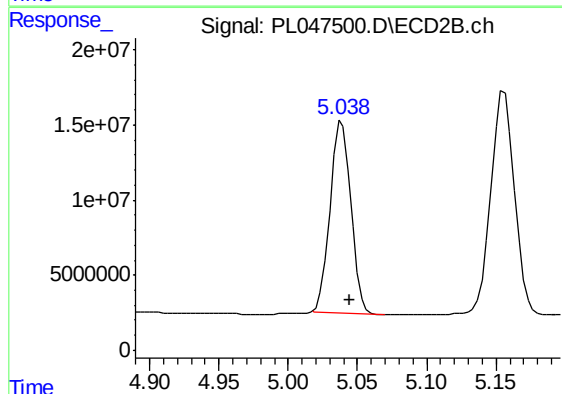
R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 75121765
Conc: 56.67 ng/ml



#7 delta-BHC

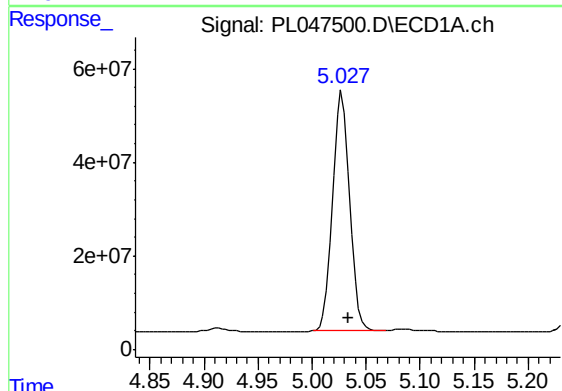
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 577260390
Conc: 57.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



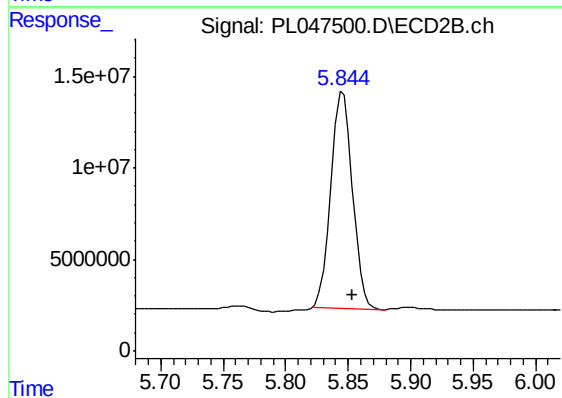
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 133715735
Conc: 57.63 ng/ml



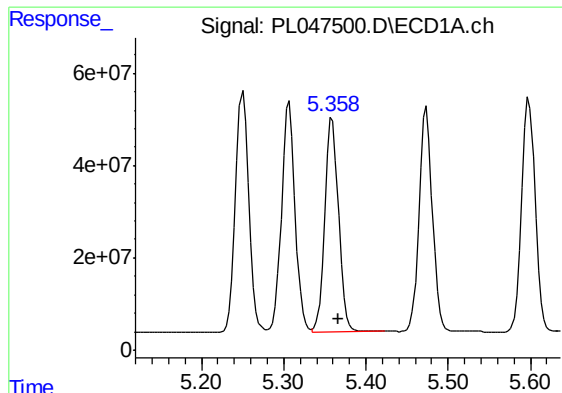
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 564382785
Conc: 57.86 ng/ml



#8 Heptachlor epoxide

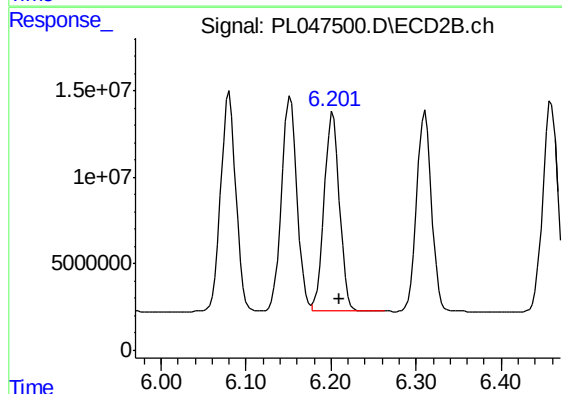
R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 142761847
Conc: 54.13 ng/ml



#9 Endosulfan I

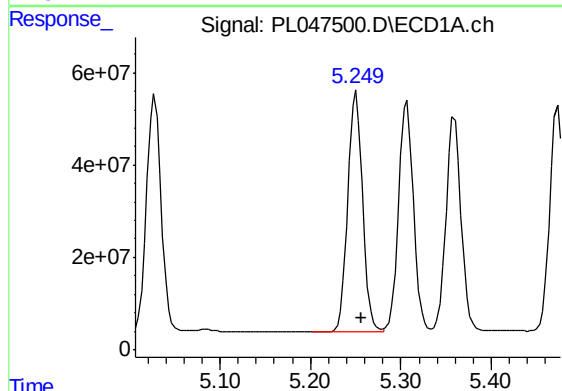
R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 541433717
Conc: 57.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



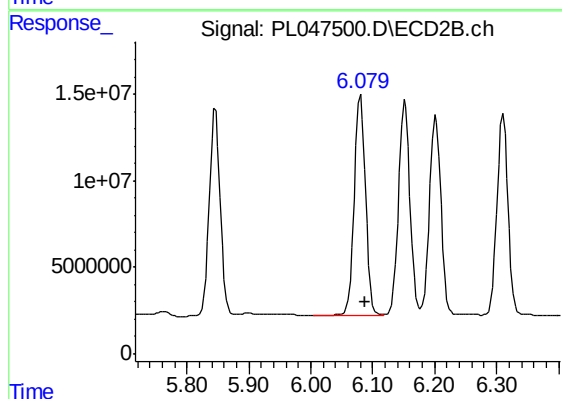
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 145553958
Conc: 55.77 ng/ml



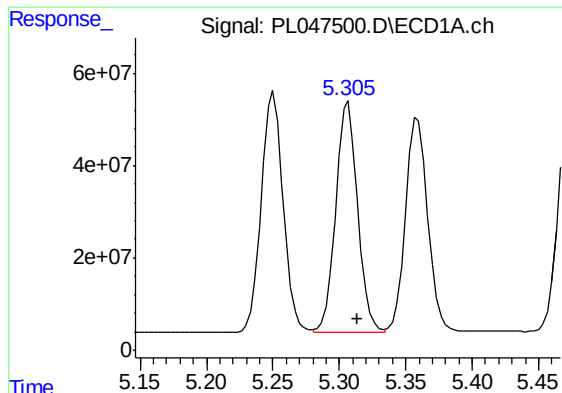
#10 gamma-Chlordane

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 587153869
Conc: 57.16 ng/ml



#10 gamma-Chlordane

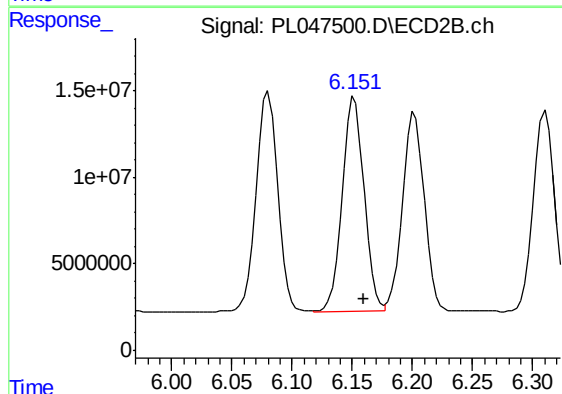
R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 157718645
Conc: 55.57 ng/ml



#11 alpha-Chlordane

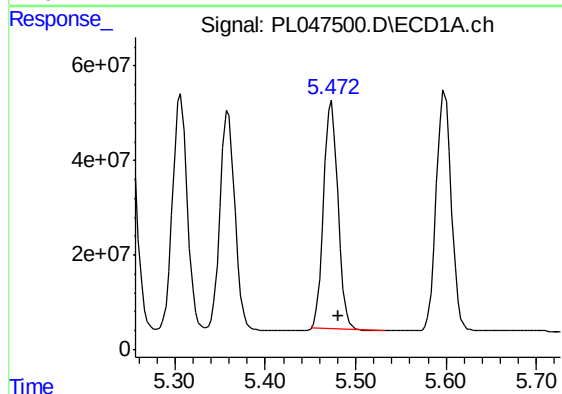
R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 574476120
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



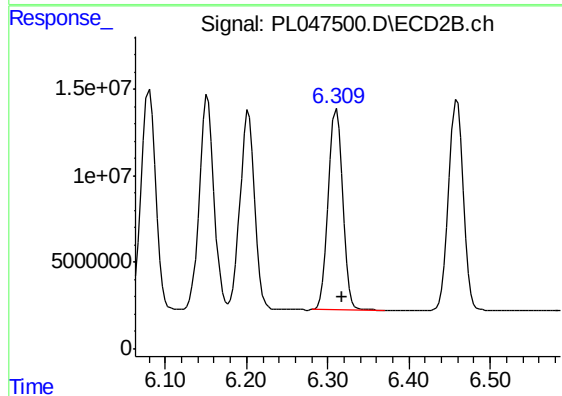
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 157123085
Conc: 55.39 ng/ml



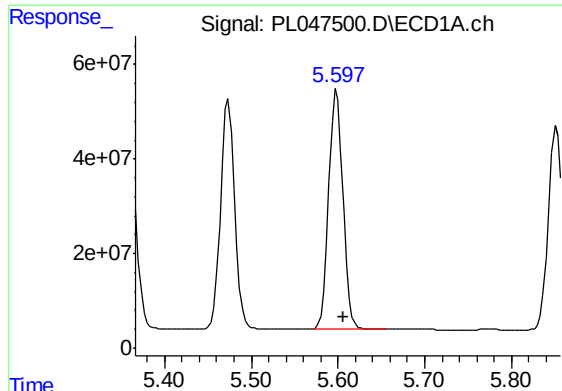
#12 4,4'-DDE

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 533436016
Conc: 57.94 ng/ml



#12 4,4'-DDE

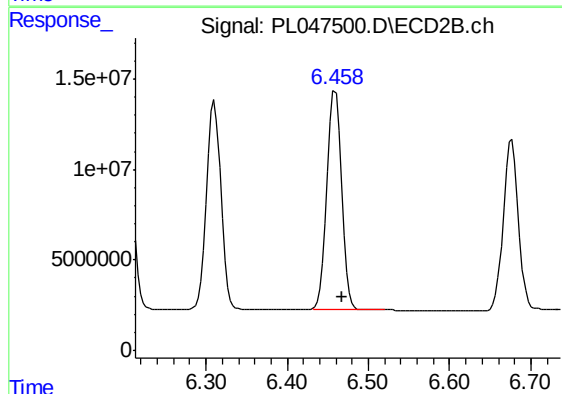
R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 141848658
Conc: 57.14 ng/ml



#13 Dieldrin

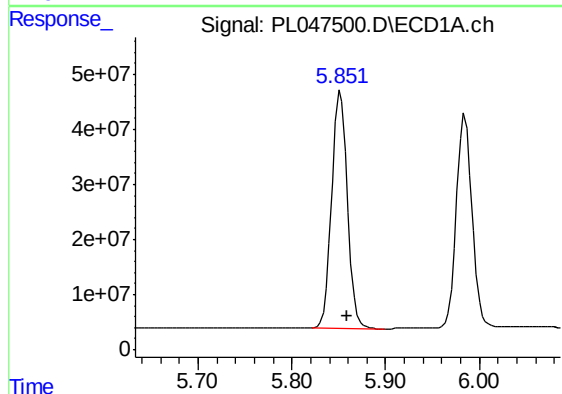
R.T.: 5.599 min
Delta R.T.: -0.008 min
Response: 582093425
Conc: 58.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



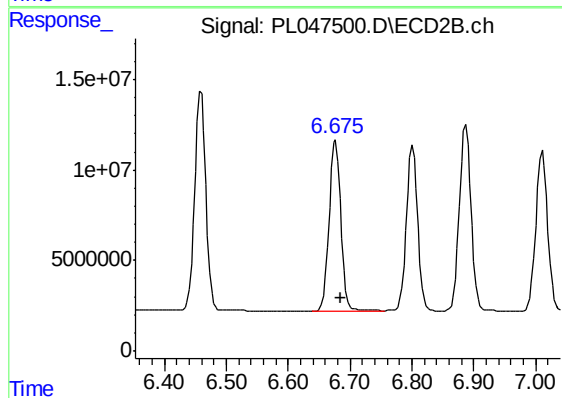
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 150738456
Conc: 55.61 ng/ml



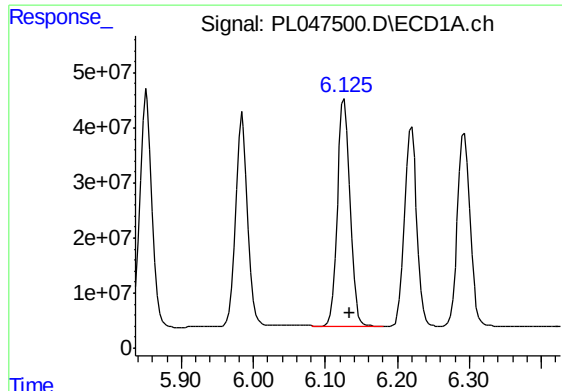
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.008 min
Response: 502943892
Conc: 53.40 ng/ml



#14 Endrin

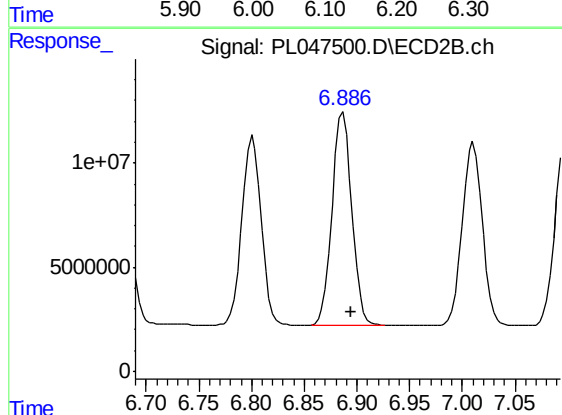
R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 125030080
Conc: 52.32 ng/ml



#15 Endosulfan II

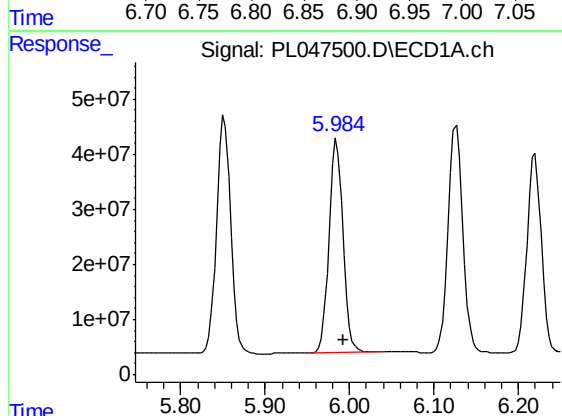
R.T.: 6.127 min
Delta R.T.: -0.007 min
Response: 499360047
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



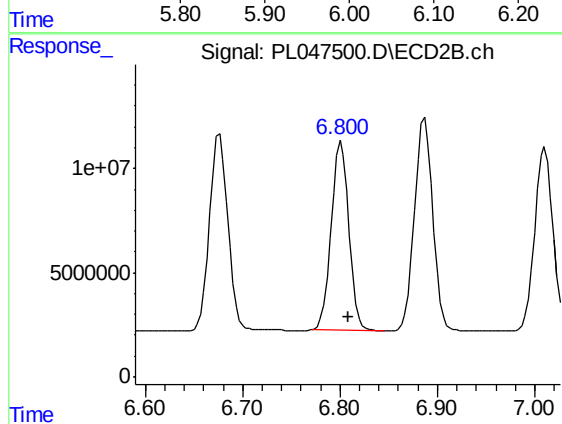
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: -0.008 min
Response: 132614684
Conc: 54.96 ng/ml



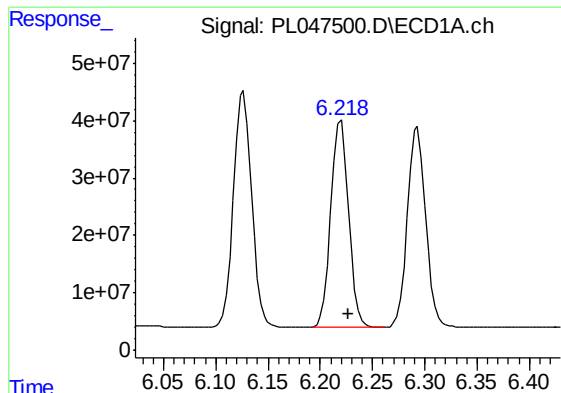
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 445378110
Conc: 58.92 ng/ml



#16 4,4'-DDD

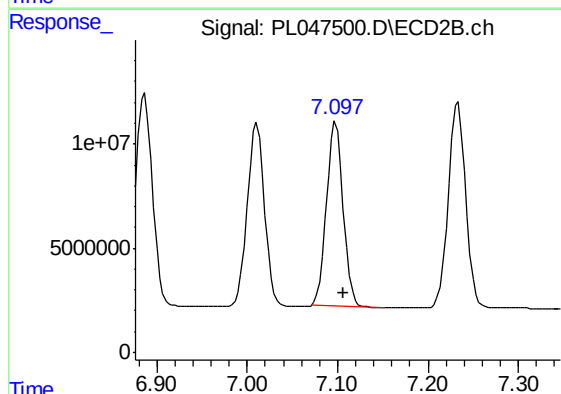
R.T.: 6.801 min
Delta R.T.: -0.007 min
Response: 115751736
Conc: 57.53 ng/ml



#17 4,4'-DDT

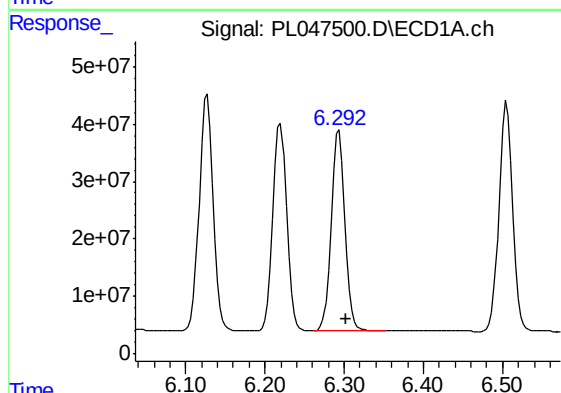
R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 428056902
Conc: 56.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



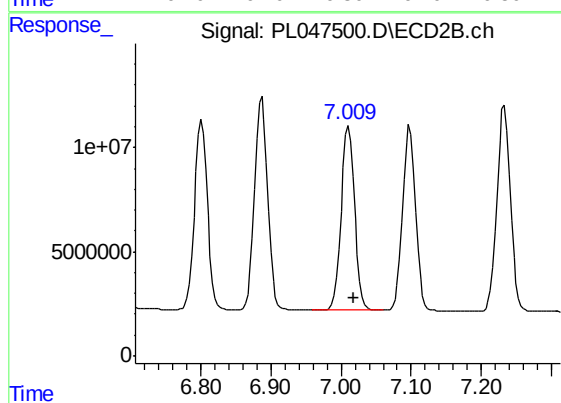
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: -0.009 min
Response: 112999911
Conc: 53.89 ng/ml



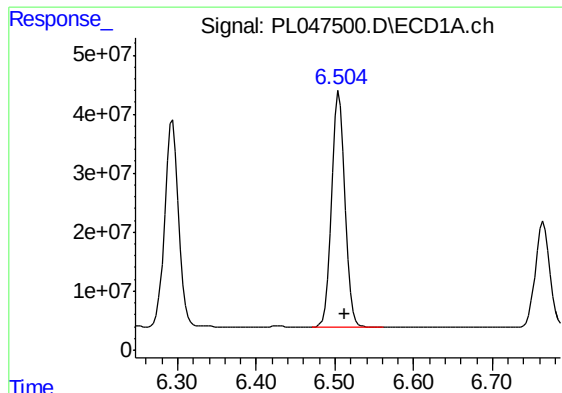
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.008 min
Response: 425422356
Conc: 56.76 ng/ml



#18 Endrin aldehyde

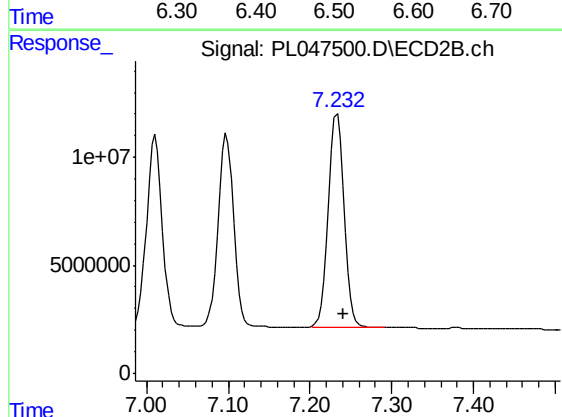
R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 116796755
Conc: 54.99 ng/ml



#19 Endosulfan Sulfate

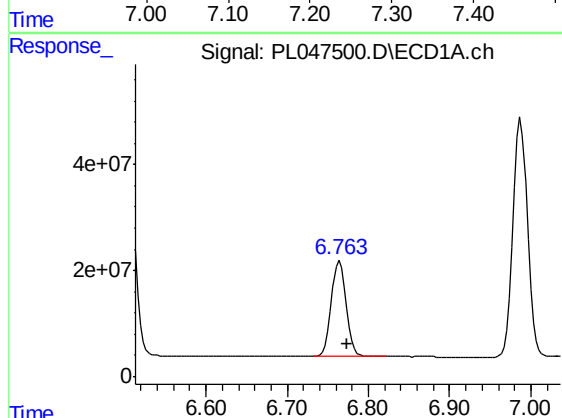
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 481081514
Conc: 58.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



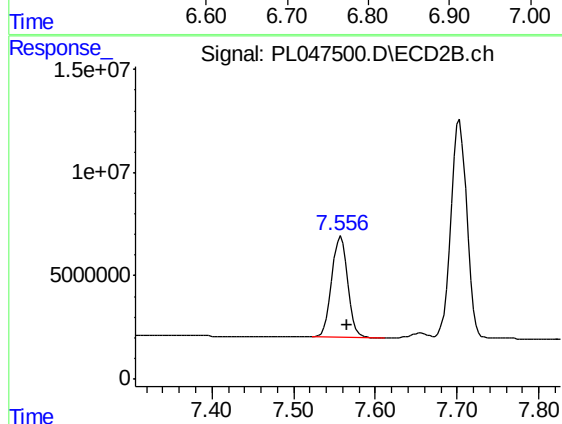
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.008 min
Response: 131562879
Conc: 55.77 ng/ml



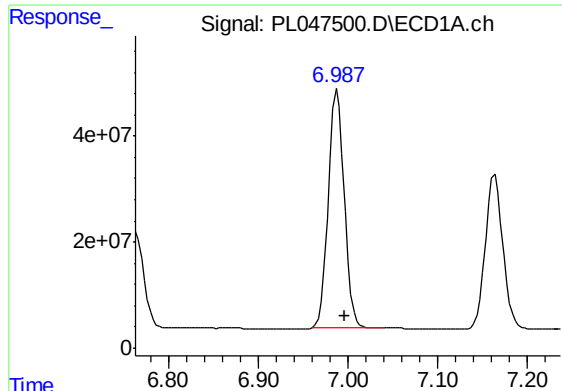
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 228141609
Conc: 53.68 ng/ml



#20 Methoxychlor

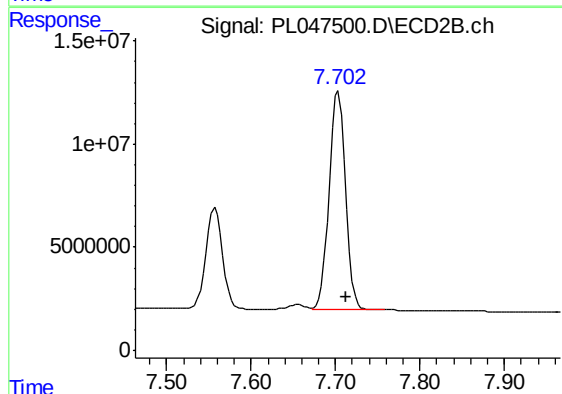
R.T.: 7.558 min
Delta R.T.: -0.008 min
Response: 66783772
Conc: 52.39 ng/ml



#21 Endrin ketone

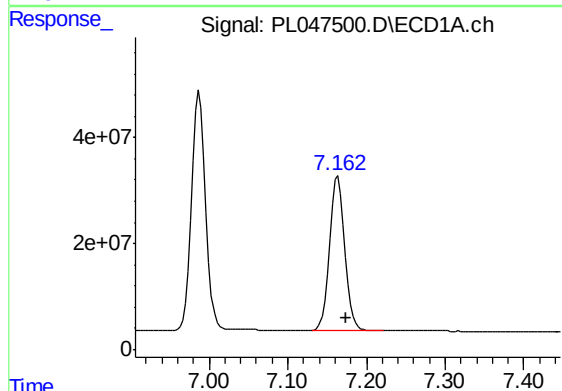
R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 557031750
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



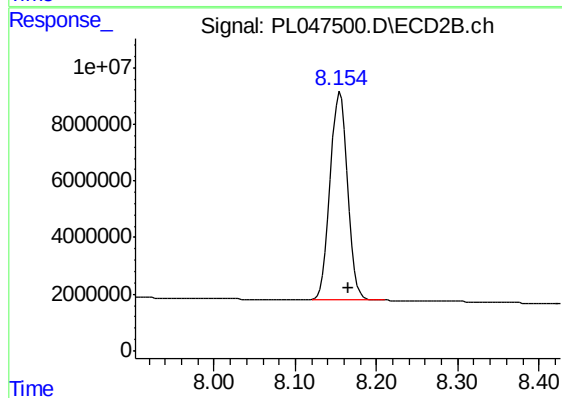
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: -0.008 min
Response: 143293904
Conc: 57.67 ng/ml



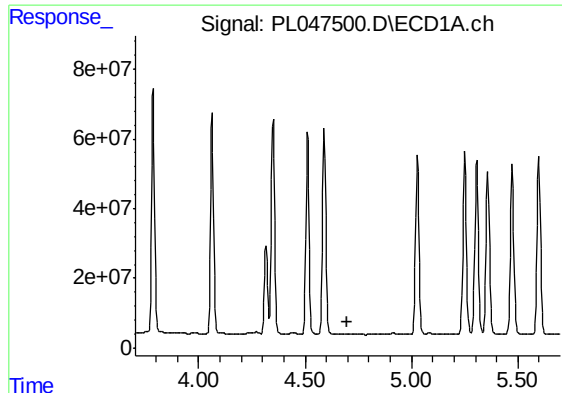
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 396567522
Conc: 54.43 ng/ml



#22 Mirex

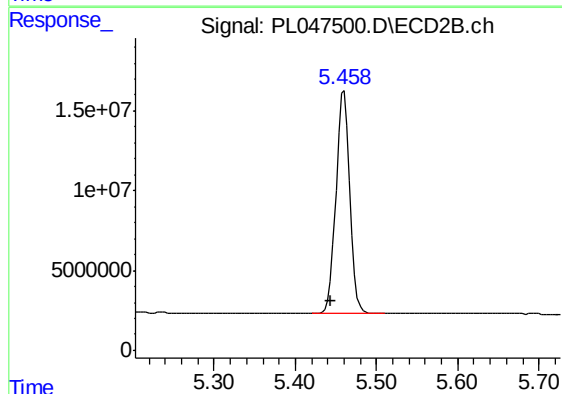
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 109689490
Conc: 54.84 ng/ml



#24 Chlordane-2

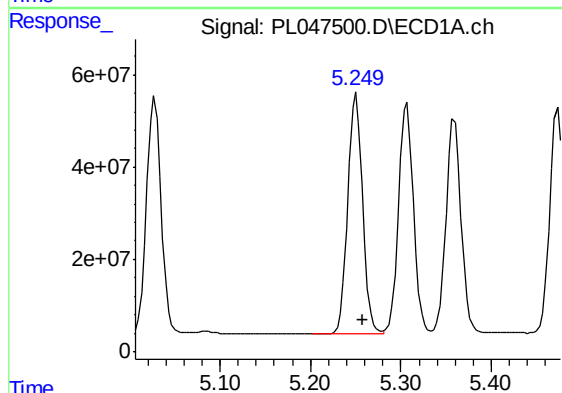
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



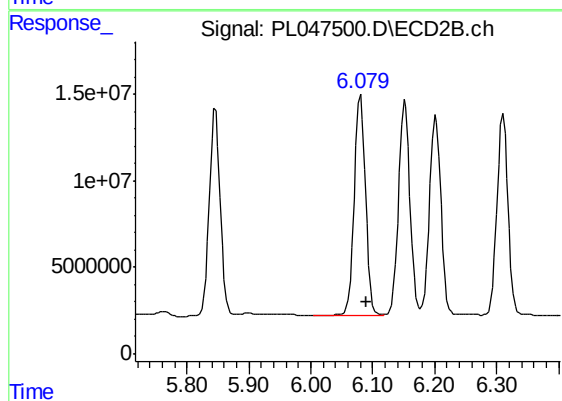
#24 Chlordane-2

R.T.: 5.460 min
Delta R.T.: 0.017 min
Response: 166638996
Conc: 1426.59 ng/ml



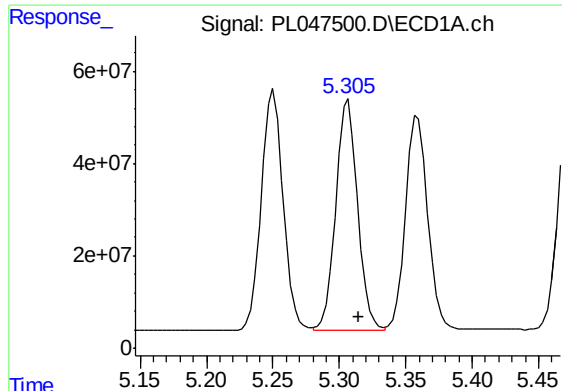
#25 Chlordane-3

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 587153869
Conc: 527.22 ng/ml



#25 Chlordane-3

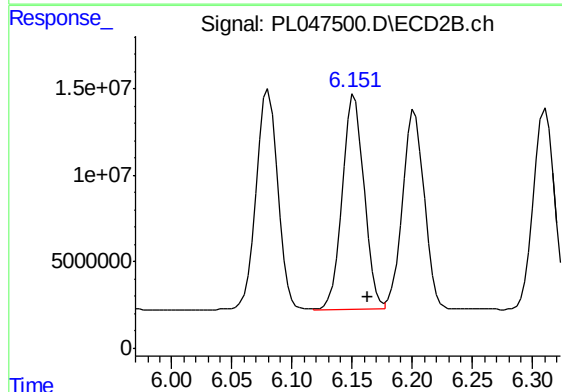
R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 157718645
Conc: 413.67 ng/ml



#26 Chlordane-4

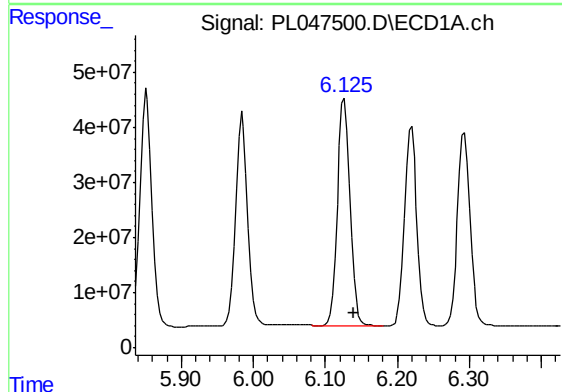
R.T.: 5.307 min
Delta R.T.: -0.008 min
Response: 574476120
Conc: 555.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



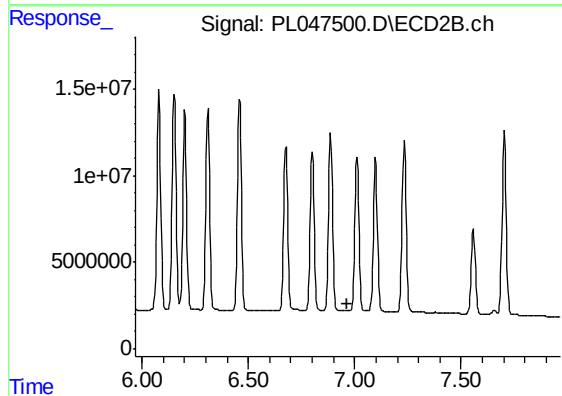
#26 Chlordane-4

R.T.: 6.152 min
Delta R.T.: -0.011 min
Response: 157123085
Conc: 340.52 ng/ml



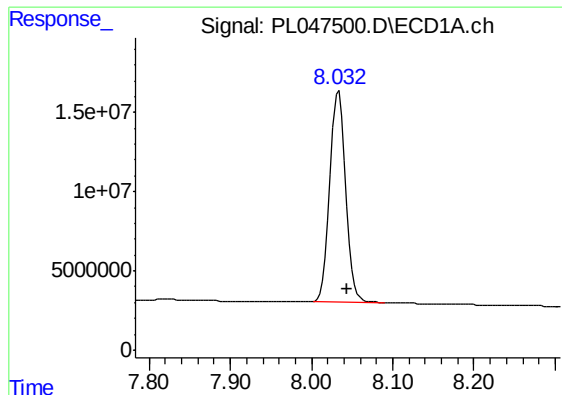
#27 Chlordane-5

R.T.: 6.127 min
Delta R.T.: -0.013 min
Response: 499360047
Conc: 1463.25 ng/ml



#27 Chlordane-5

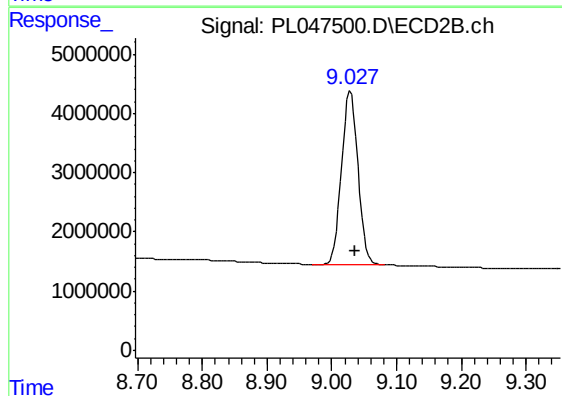
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.033 min
Delta R.T.: -0.011 min
Response: 180290536
Conc: 21.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-04



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: -0.007 min
Response: 51705544
Conc: 22.30 ng/ml