

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
 Data File : PL045963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2019 03:49
 Operator : AJ\SJ
 Sample : MIREX IDOC SOIL 04
 Misc : PB117820
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MIREX IDOC SOIL 04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 07:02:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.362	3.981	147.6E6	46221504	21.450	21.583
28)	SA Decachlor...	8.044	9.039	190.2E6	52863503	22.729	23.136
Target Compounds							
2)	A alpha-BHC	3.792	4.372	615.5E6	171.8E6	55.412	56.542
3)	MA gamma-BHC...	4.070	4.656	561.6E6	158.1E6	55.561	55.981
4)	MA Heptachlor	4.357	5.163	583.3E6	162.1E6	55.280	54.503
5)	MB Aldrin	4.598	5.468	557.0E6	152.3E6	57.262	56.376
6)	B beta-BHC	4.323	4.828	232.7E6	67562004	54.298	53.200
7)	B delta-BHC	4.518	5.044	556.7E6	146.3E6	58.246	68.002
8)	B Heptachlor...	5.035	5.854	531.5E6	143.7E6	56.943	59.846
9)	A Endosulfan I	5.367	6.211	503.8E6	135.0E6	56.361	54.196
10)	B gamma-Chl...	5.258	6.088	543.8E6	146.7E6	55.561	54.667
11)	B alpha-Chl...	5.315	6.160	533.1E6	144.1E6	54.977	53.420
12)	B 4,4'-DDE	5.482	6.319	499.5E6	132.6E6	56.905	56.751
13)	MA Dieldrin	5.607	6.467	547.0E6	142.3E6	57.228	55.380
14)	MA Endrin	5.861	6.685	461.7E6	112.1E6	51.269	49.284
15)	B Endosulfa...	6.135	6.895	486.7E6	127.6E6	56.146	54.255
16)	A 4,4'-DDD	5.993	6.809	439.7E6	115.1E6	60.058	59.868
17)	MA 4,4'-DDT	6.229	7.107	385.0E6	99598322	51.334	50.469
18)	B Endrin al...	6.302	7.019	414.0E6	110.2E6	56.641	53.903
19)	B Endosulfa...	6.514	7.242	456.1E6	120.4E6	56.108	53.542
20)	A Methoxychlor	6.775	7.565	210.2E6	56578203	47.872	46.095
21)	B Endrin ke...	6.998	7.711	550.6E6	137.3E6	59.770	57.736
22)	Mirex	7.174	8.164	380.5E6	102.1E6	51.140	51.244
24)	Chlordane-2	0.000	5.468f	0	152.3E6	N.D.	1260.194 #
25)	Chlordane-3	5.258	6.088	543.8E6	146.7E6	474.077	376.431
26)	Chlordane-4	5.315	6.160	533.1E6	144.1E6	502.908	308.044 #
27)	Chlordane-5	6.135	0.000	486.7E6	0	1409.339	N.D. #

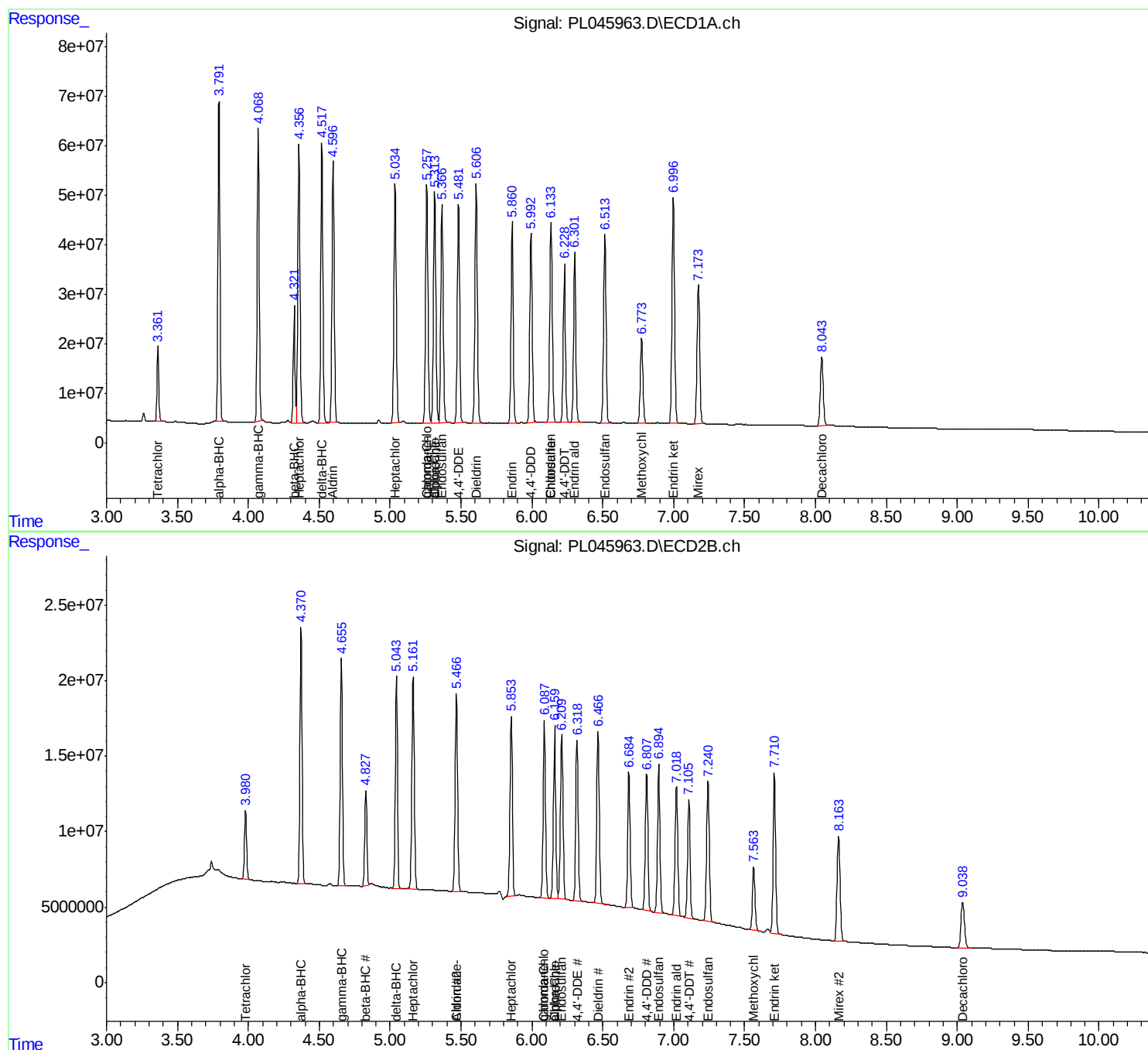
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

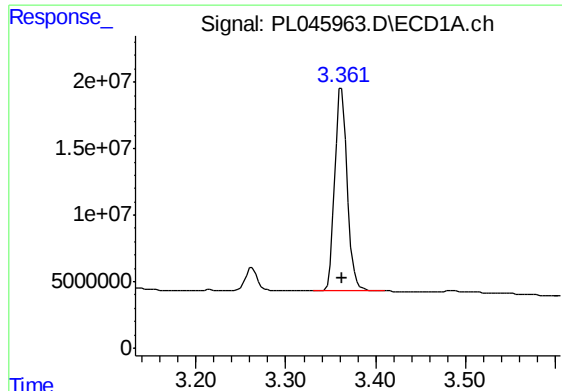
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
Data File : PL045963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2019 03:49
Operator : AJ\SJ
Sample : MIREX IDOC SOIL 04
Misc : PB117820
ALS Vial : 59 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 07:02:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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

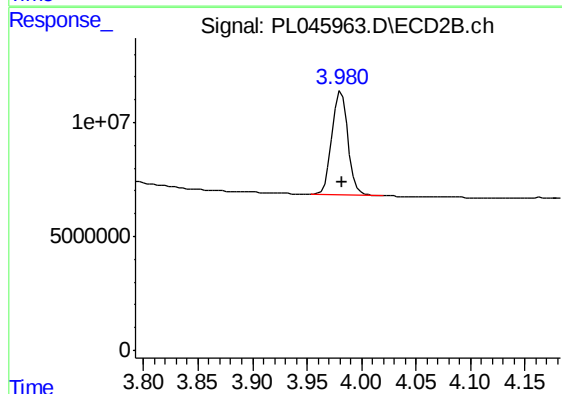




#1 Tetrachloro-m-xylene

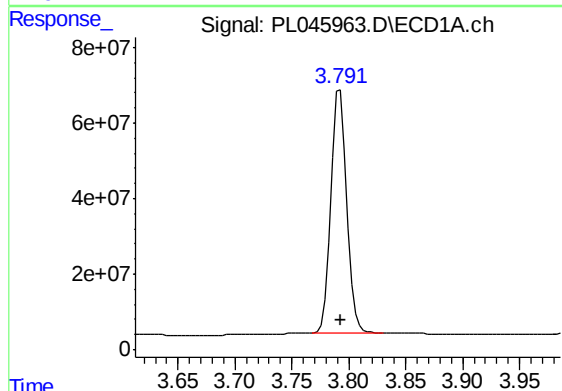
R.T.: 3.362 min
Delta R.T.: 0.000 min
Response: 147557856
Conc: 21.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



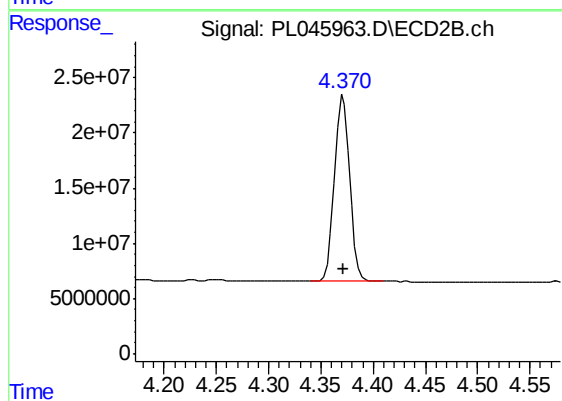
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 46221504
Conc: 21.58 ng/ml



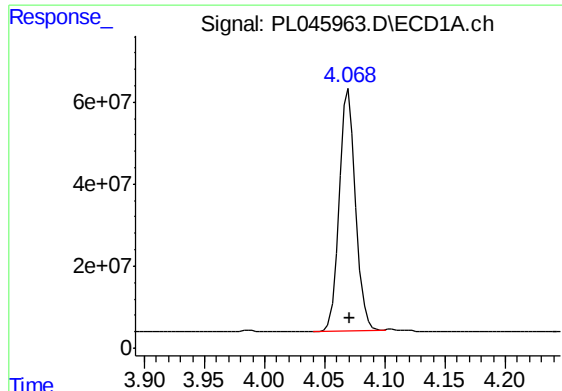
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 615473096
Conc: 55.41 ng/ml



#2 alpha-BHC

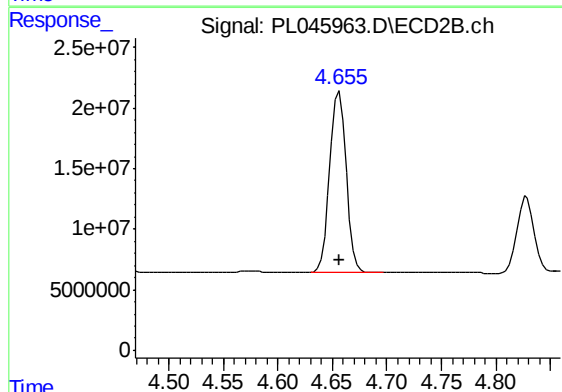
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 171811356
Conc: 56.54 ng/ml



#3 gamma-BHC (Lindane)

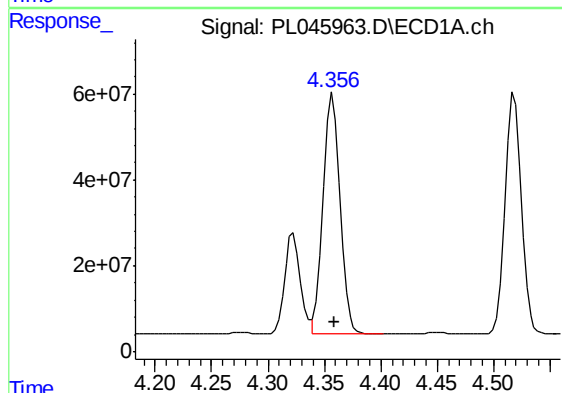
R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 561559718
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



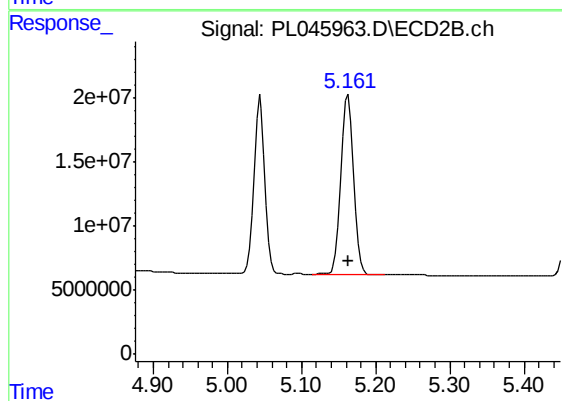
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 158123555
Conc: 55.98 ng/ml



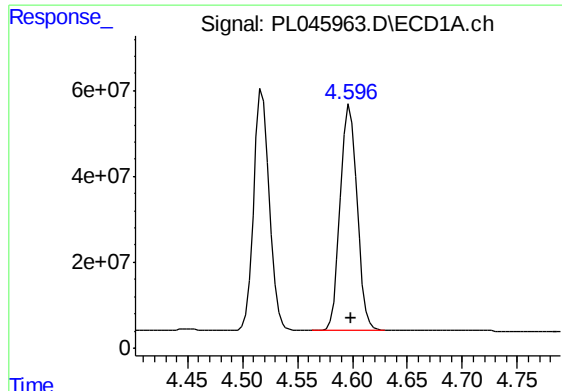
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 583331527
Conc: 55.28 ng/ml



#4 Heptachlor

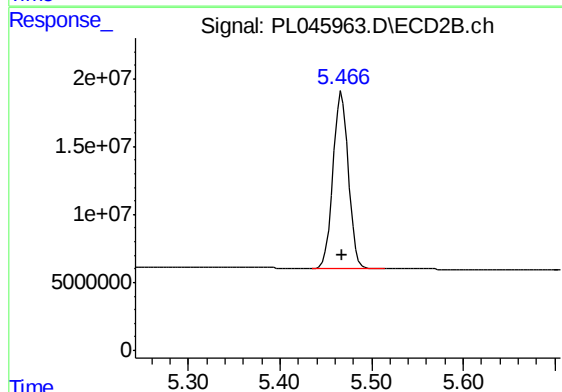
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 162144646
Conc: 54.50 ng/ml



#5 Aldrin

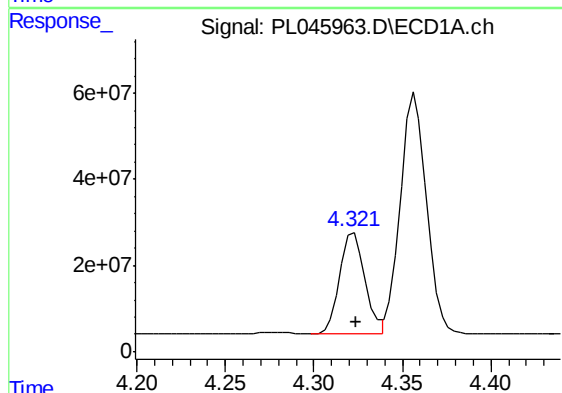
R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 556950686
Conc: 57.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



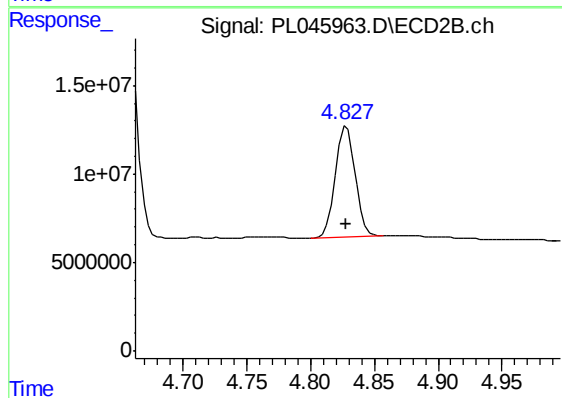
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 152269521
Conc: 56.38 ng/ml



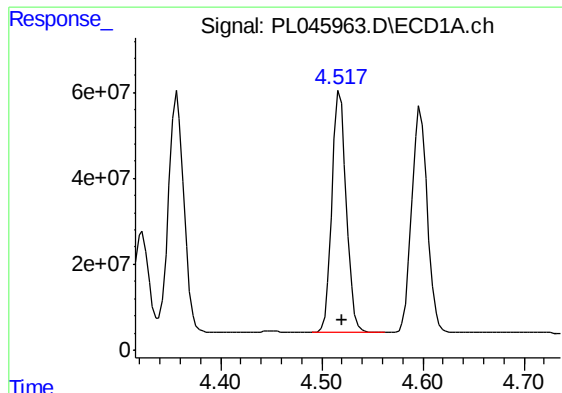
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 232725691
Conc: 54.30 ng/ml



#6 beta-BHC

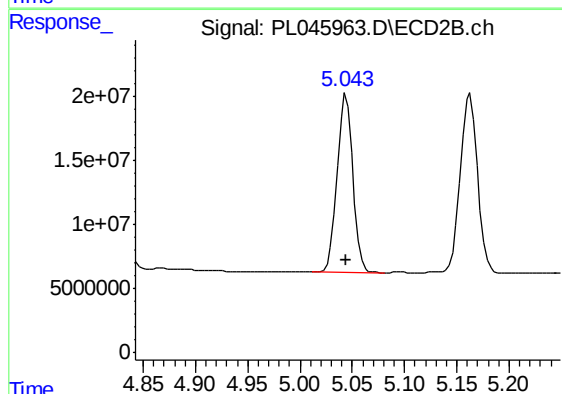
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 67562004
Conc: 53.20 ng/ml



#7 delta-BHC

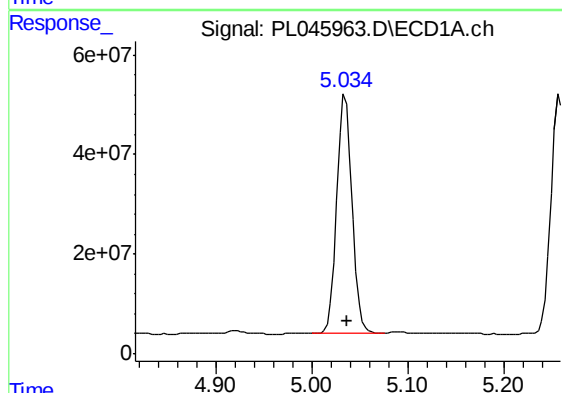
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 556713824
Conc: 58.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



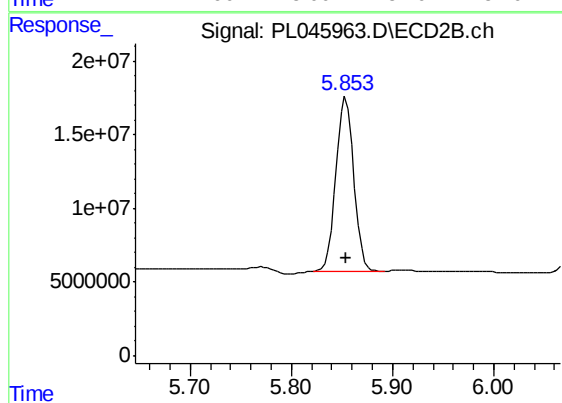
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 146265714
Conc: 68.00 ng/ml



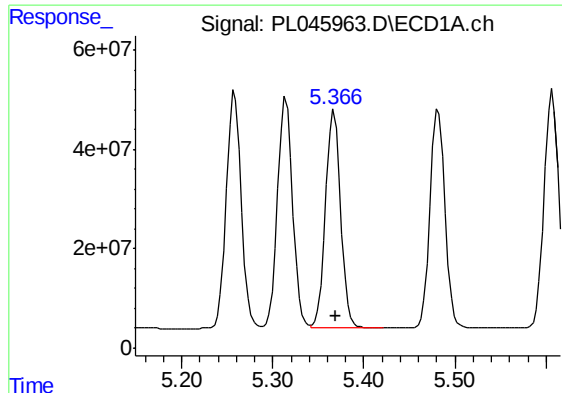
#8 Heptachlor epoxide

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 531452841
Conc: 56.94 ng/ml



#8 Heptachlor epoxide

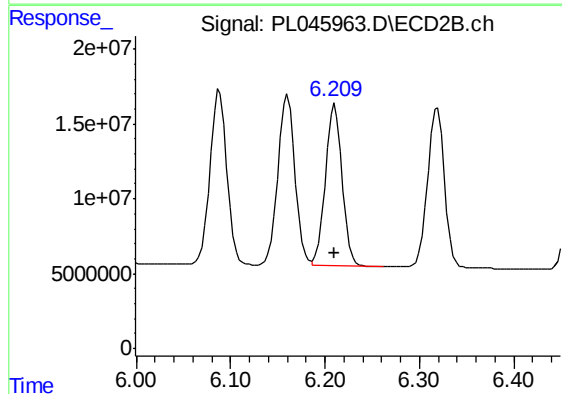
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 143746897
Conc: 59.85 ng/ml



#9 Endosulfan I

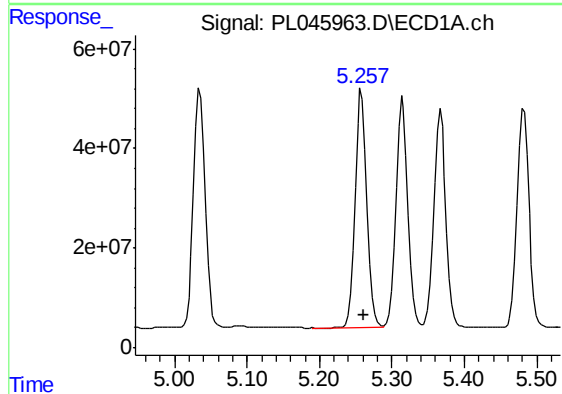
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 503773636
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



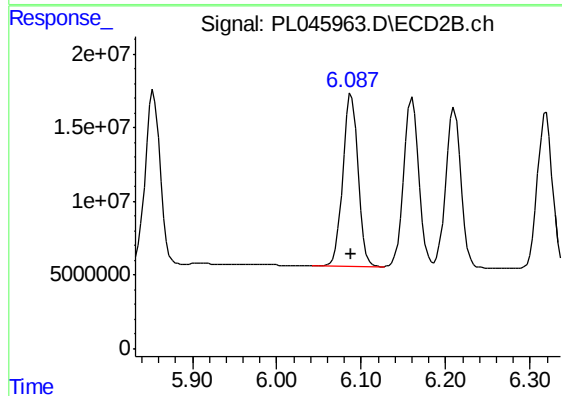
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 134963718
Conc: 54.20 ng/ml



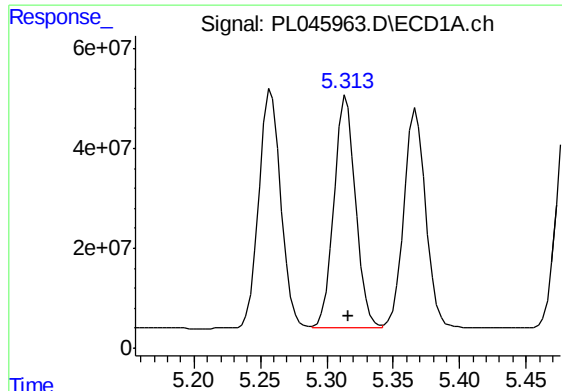
#10 gamma-Chlordane

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 543776445
Conc: 55.56 ng/ml



#10 gamma-Chlordane

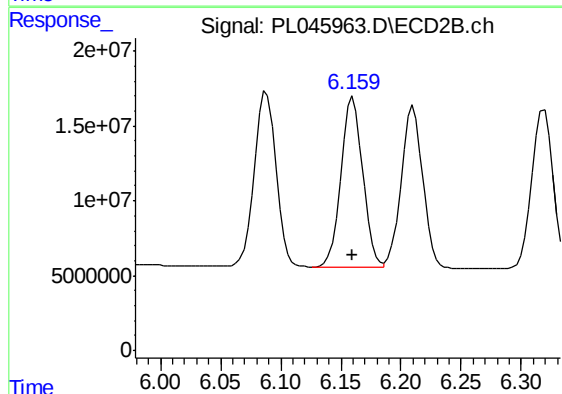
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 146668735
Conc: 54.67 ng/ml



#11 alpha-Chlordane

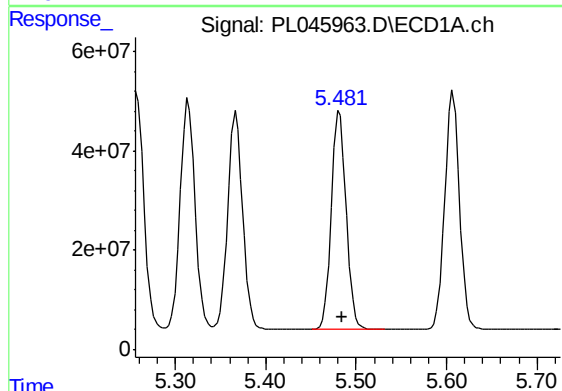
R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 533108971
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



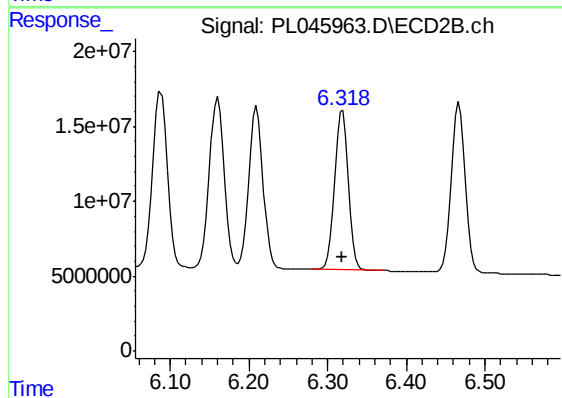
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 144110854
Conc: 53.42 ng/ml



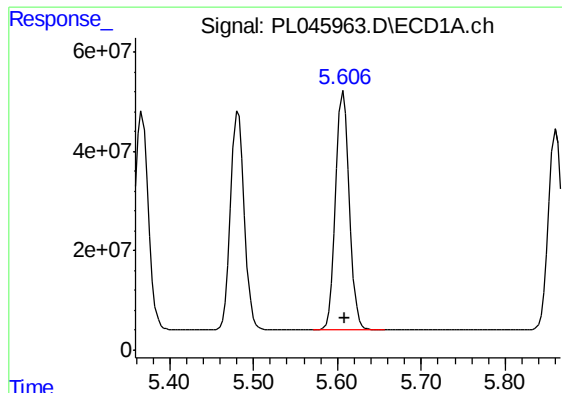
#12 4,4'-DDE

R.T.: 5.482 min
Delta R.T.: -0.002 min
Response: 499523996
Conc: 56.91 ng/ml



#12 4,4'-DDE

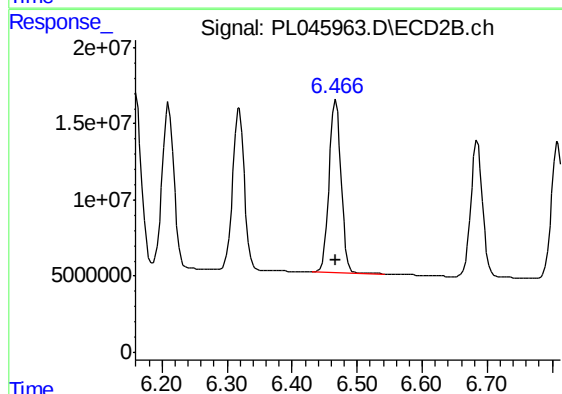
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 132563892
Conc: 56.75 ng/ml



#13 Dielddrin

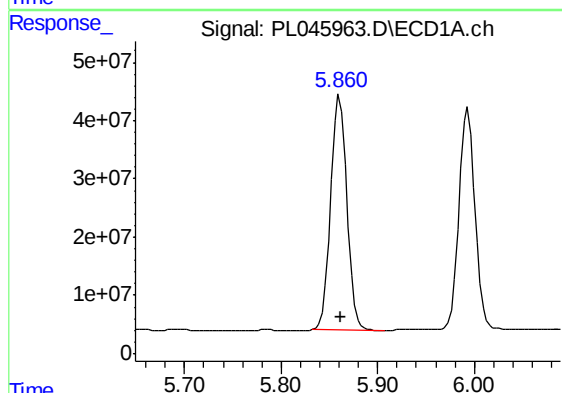
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 546981321
Conc: 57.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



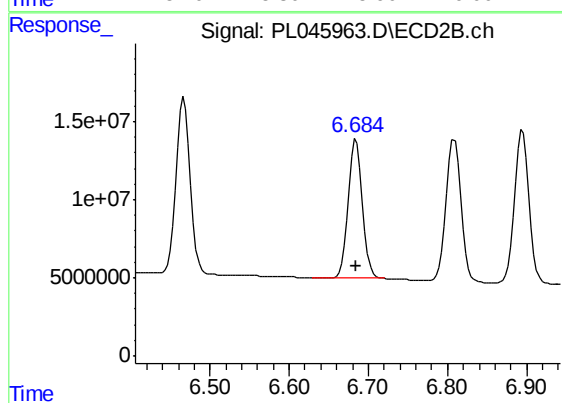
#13 Dielddrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 142310474
Conc: 55.38 ng/ml



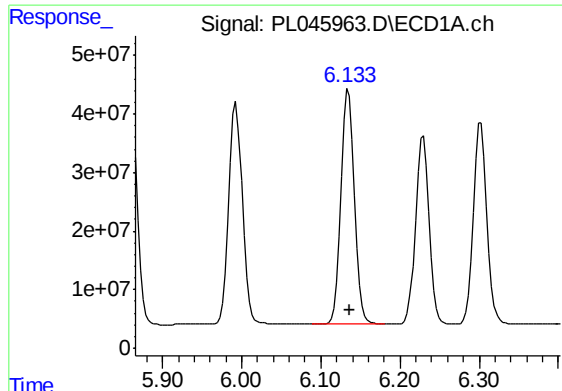
#14 Endrin

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 461716663
Conc: 51.27 ng/ml



#14 Endrin

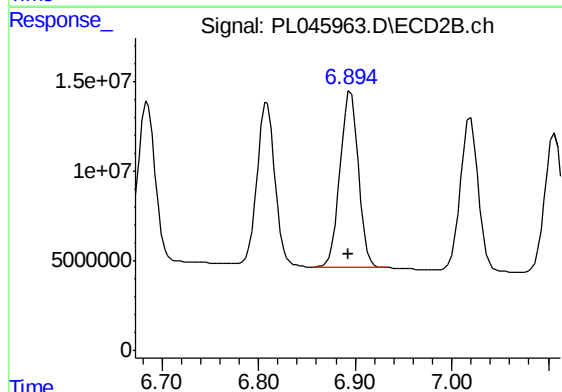
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 112134793
Conc: 49.28 ng/ml



#15 Endosulfan II

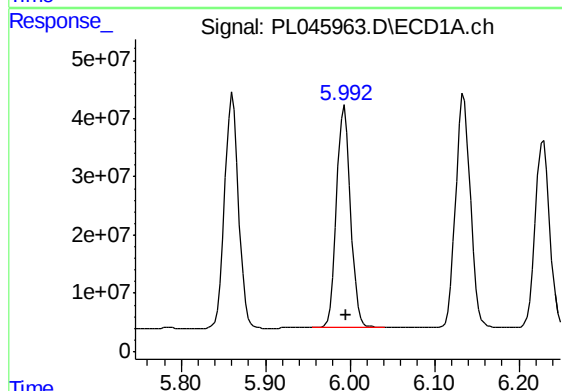
R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 486710404
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



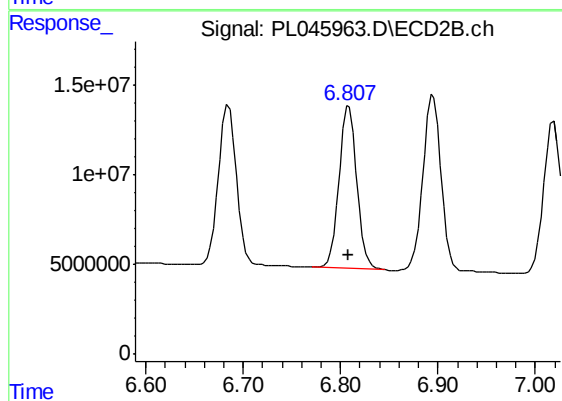
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.001 min
Response: 127587057
Conc: 54.25 ng/ml



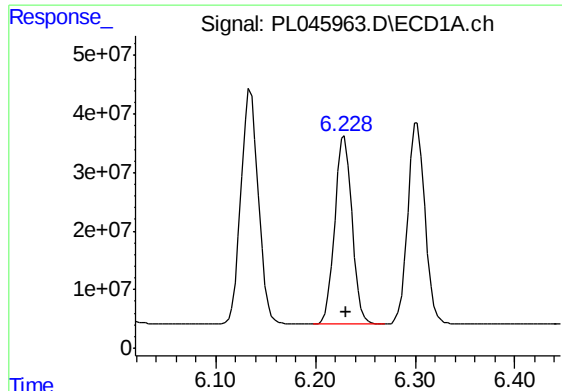
#16 4,4'-DDD

R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 439734444
Conc: 60.06 ng/ml



#16 4,4'-DDD

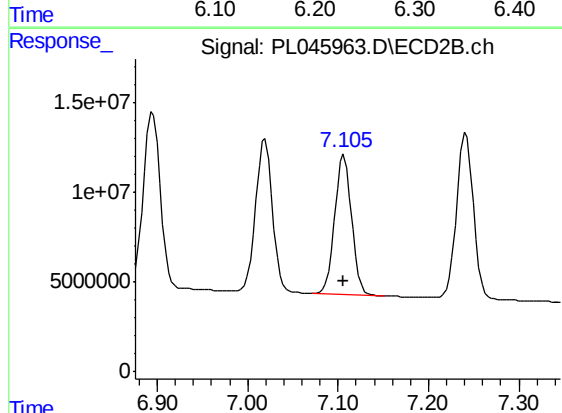
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 115132019
Conc: 59.87 ng/ml



#17 4,4'-DDT

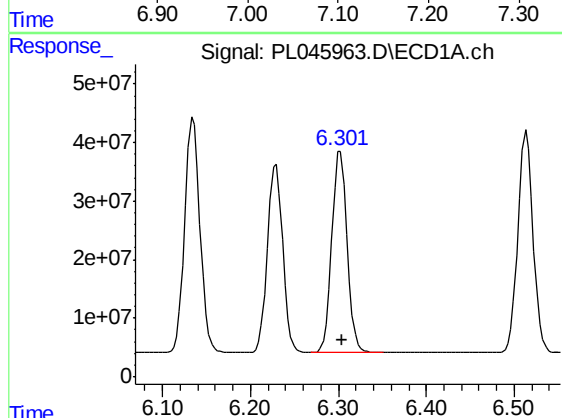
R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 385012706
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



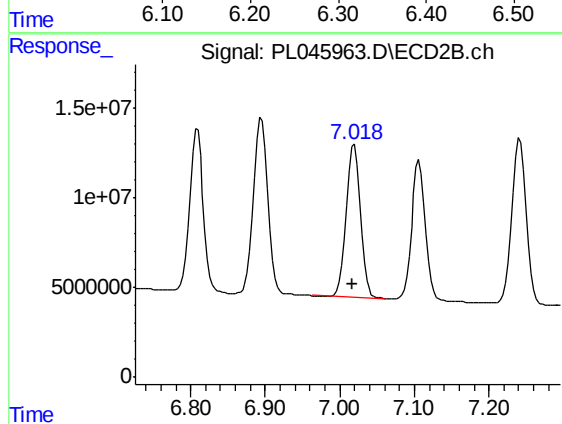
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 99598322
Conc: 50.47 ng/ml



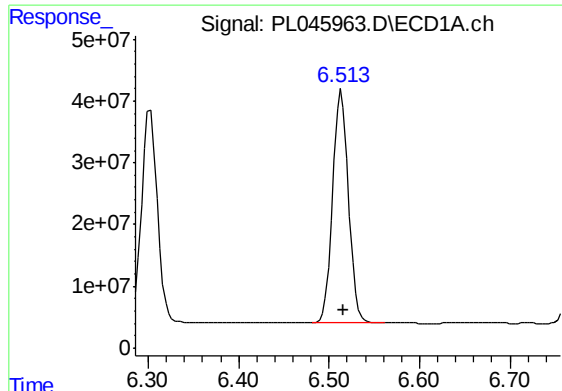
#18 Endrin aldehyde

R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 414026377
Conc: 56.64 ng/ml



#18 Endrin aldehyde

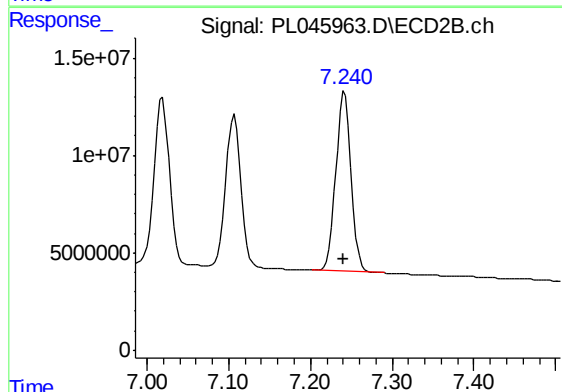
R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 110188740
Conc: 53.90 ng/ml



#19 Endosulfan Sulfate

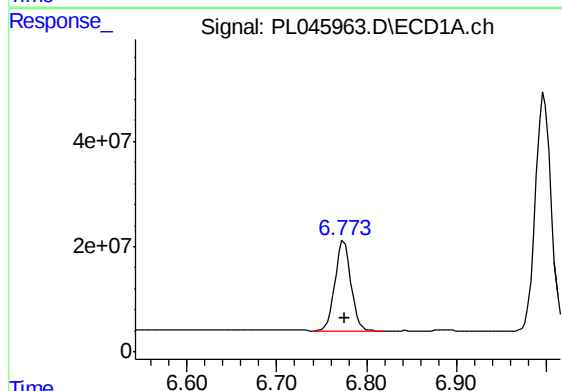
R.T.: 6.514 min
Delta R.T.: -0.001 min
Response: 456053396
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



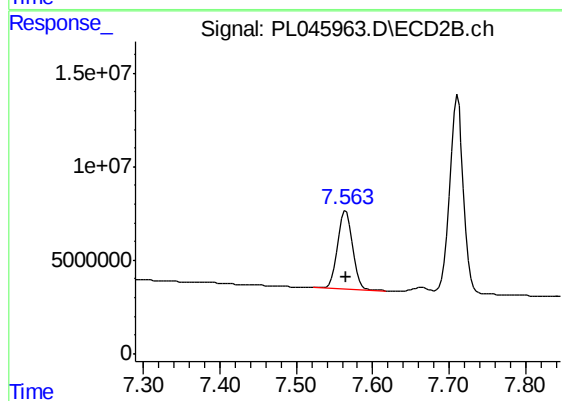
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.001 min
Response: 120443468
Conc: 53.54 ng/ml



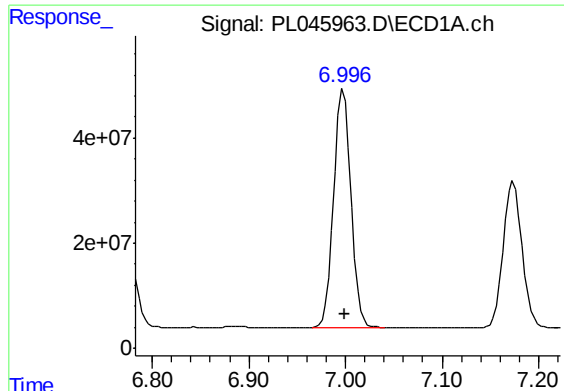
#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: -0.002 min
Response: 210239045
Conc: 47.87 ng/ml



#20 Methoxychlor

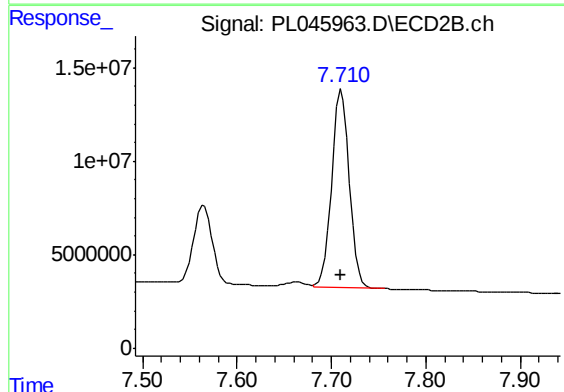
R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 56578203
Conc: 46.10 ng/ml



#21 Endrin ketone

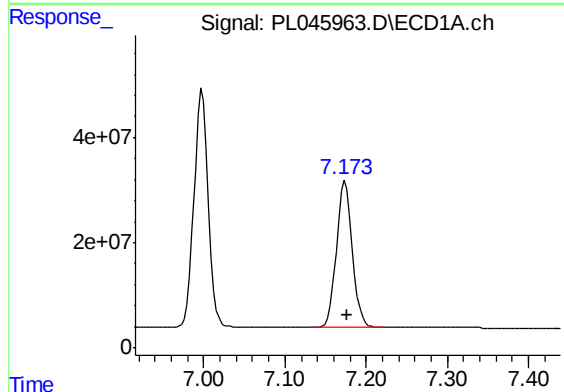
R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 550645709
Conc: 59.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



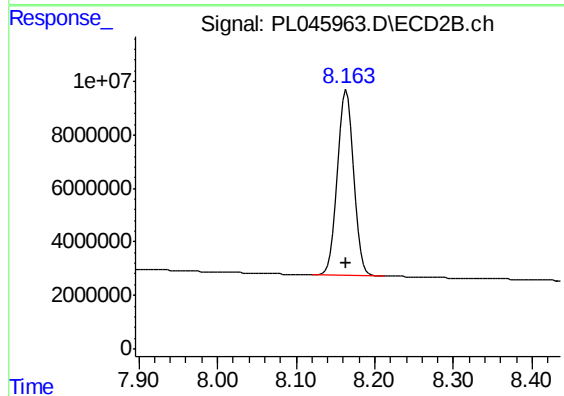
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 137320266
Conc: 57.74 ng/ml



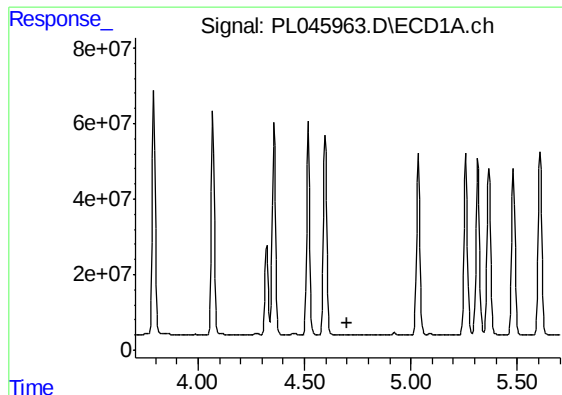
#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 380489967
Conc: 51.14 ng/ml



#22 Mirex

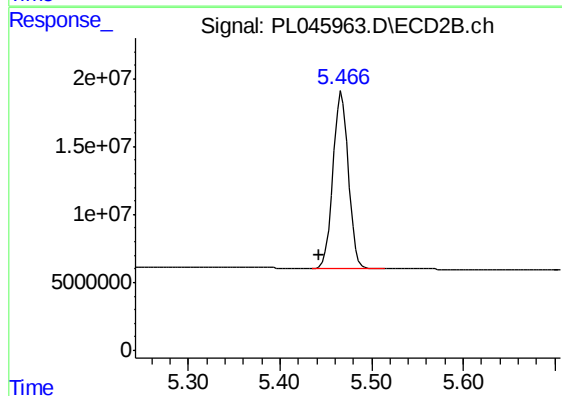
R.T.: 8.164 min
Delta R.T.: 0.001 min
Response: 102061917
Conc: 51.24 ng/ml



#24 Chlordane-2

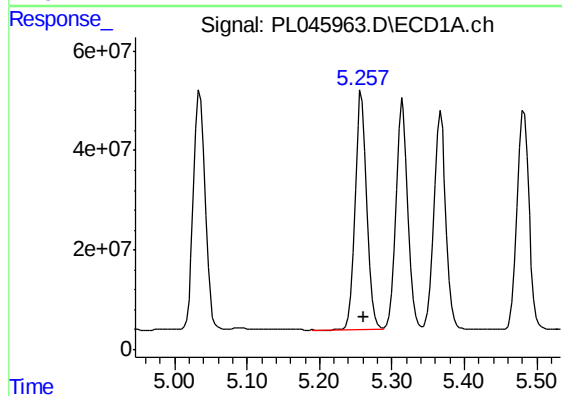
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



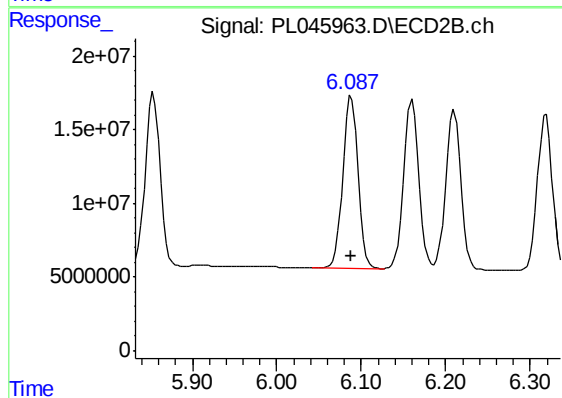
#24 Chlordane-2

R.T.: 5.468 min
Delta R.T.: 0.025 min
Response: 152269521
Conc: 1260.19 ng/ml



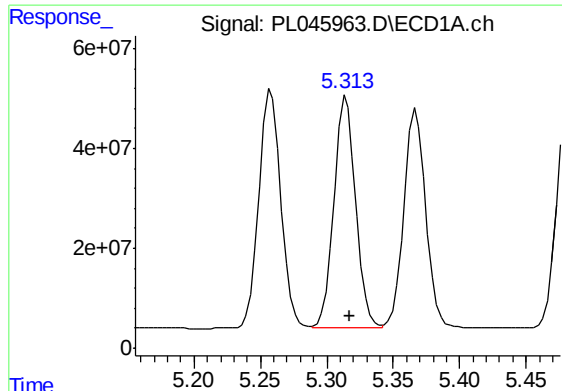
#25 Chlordane-3

R.T.: 5.258 min
Delta R.T.: -0.004 min
Response: 543776445
Conc: 474.08 ng/ml



#25 Chlordane-3

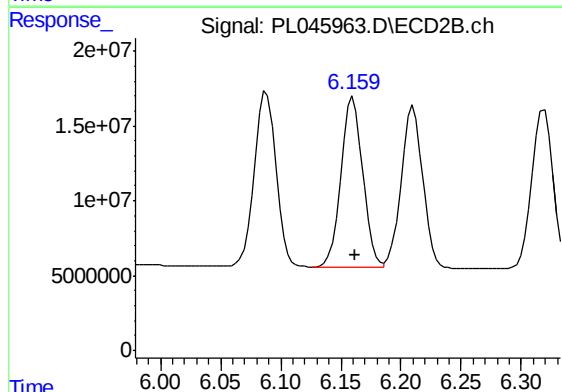
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 146668735
Conc: 376.43 ng/ml



#26 Chlordane-4

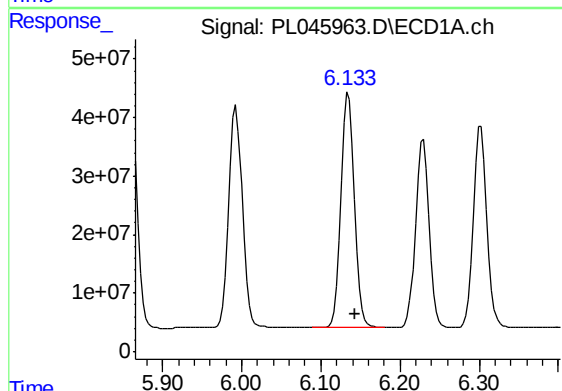
R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 533108971
Conc: 502.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



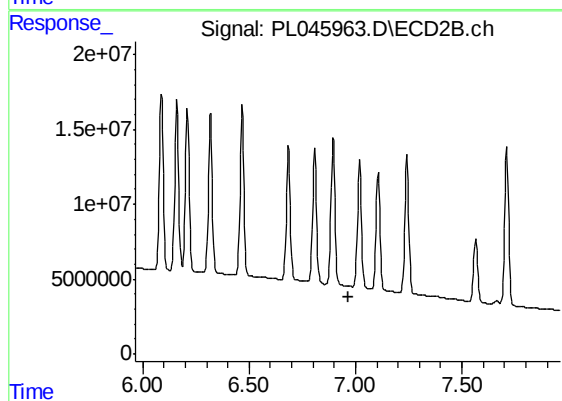
#26 Chlordane-4

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 144110854
Conc: 308.04 ng/ml



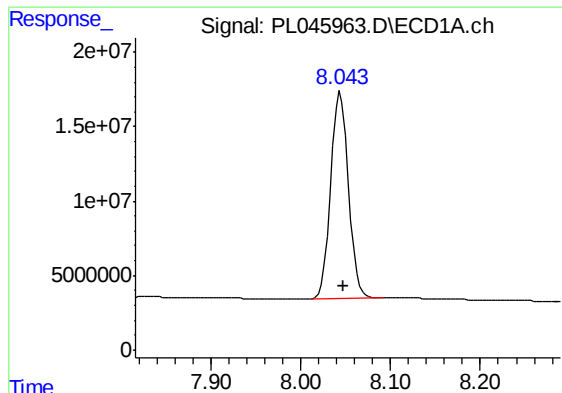
#27 Chlordane-5

R.T.: 6.135 min
Delta R.T.: -0.008 min
Response: 486710404
Conc: 1409.34 ng/ml



#27 Chlordane-5

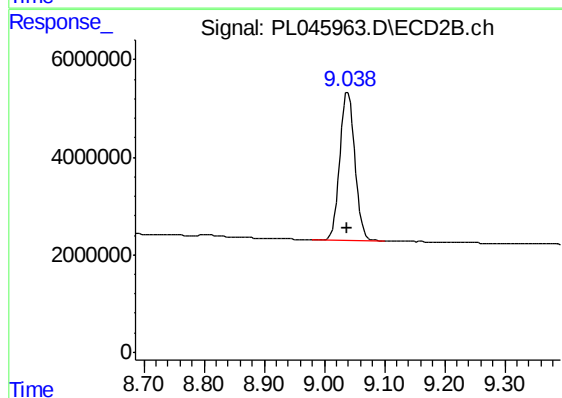
R.T.: 0.000 min
Exp R.T. : 6.966 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.044 min
Delta R.T.: -0.003 min
Response: 190186342
Conc: 22.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 04



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 52863503
Conc: 23.14 ng/ml