

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
 Data File : PL045962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2019 03:35
 Operator : AJ\SJ
 Sample : MIREX IDOC SOIL 03
 Misc : PB117820
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MIREX IDOC SOIL 03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 07:01:51 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	148.0E6	46219707	21.512	21.582
28)	SA Decachlor...	8.044	9.040	190.3E6	53023371	22.737	23.206
Target Compounds							
2)	A alpha-BHC	3.792	4.371	613.6E6	171.3E6	55.245	56.380
3)	MA gamma-BHC...	4.069	4.656	565.8E6	158.0E6	55.977	55.930
4)	MA Heptachlor	4.357	5.163	582.0E6	162.1E6	55.150	54.477
5)	MB Aldrin	4.597	5.467	554.7E6	151.5E6	57.026	56.082
6)	B beta-BHC	4.322	4.828	232.1E6	67356158	54.157	53.038
7)	B delta-BHC	4.518	5.044	554.0E6	145.6E6	57.959	67.670
8)	B Heptachlor...	5.035	5.854	528.7E6	143.5E6	56.653	59.748
9)	A Endosulfan I	5.367	6.210	502.5E6	134.4E6	56.217	53.978
10)	B gamma-Chl...	5.258	6.088	541.4E6	146.0E6	55.321	54.410
11)	B alpha-Chl...	5.315	6.160	531.4E6	143.8E6	54.802	53.312
12)	B 4,4'-DDE	5.481	6.318	496.6E6	131.8E6	56.573	56.431
13)	MA Dieldrin	5.607	6.467	544.2E6	141.9E6	56.939	55.211
14)	MA Endrin	5.860	6.684	460.0E6	111.8E6	51.077	49.144
15)	B Endosulfa...	6.135	6.894	484.3E6	127.3E6	55.870	54.121
16)	A 4,4'-DDD	5.993	6.808	437.2E6	114.8E6	59.713	59.683
17)	MA 4,4'-DDT	6.228	7.107	382.8E6	99533015	51.040	50.436
18)	B Endrin al...	6.301	7.018	411.3E6	110.1E6	56.272	53.853
19)	B Endosulfa...	6.513	7.241	453.0E6	120.3E6	55.736	53.471
20)	A Methoxychlor	6.773	7.565	208.8E6	56858821	47.555	46.324
21)	B Endrin ke...	6.997	7.711	547.9E6	137.2E6	59.466	57.677
22)	Mirex	7.173	8.163	378.8E6	102.0E6	50.907	51.213
24)	Chlordane-2	0.000	5.467f	0	151.5E6	N.D.	1253.610 #
25)	Chlordane-3	5.258	6.088	541.4E6	146.0E6	472.030	374.657
26)	Chlordane-4	5.315	6.160	531.4E6	143.8E6	501.305	307.424 #
27)	Chlordane-5	6.135	0.000	484.3E6	0	1402.407	N.D. #

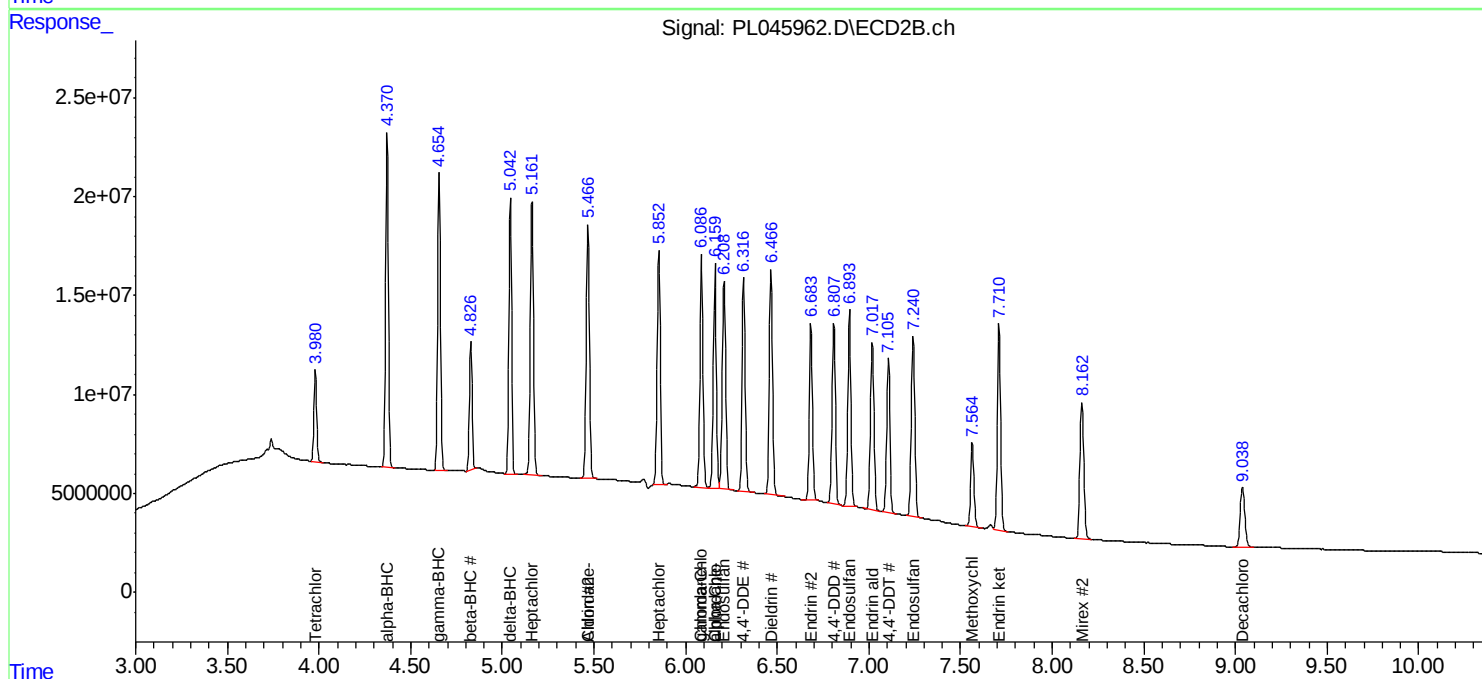
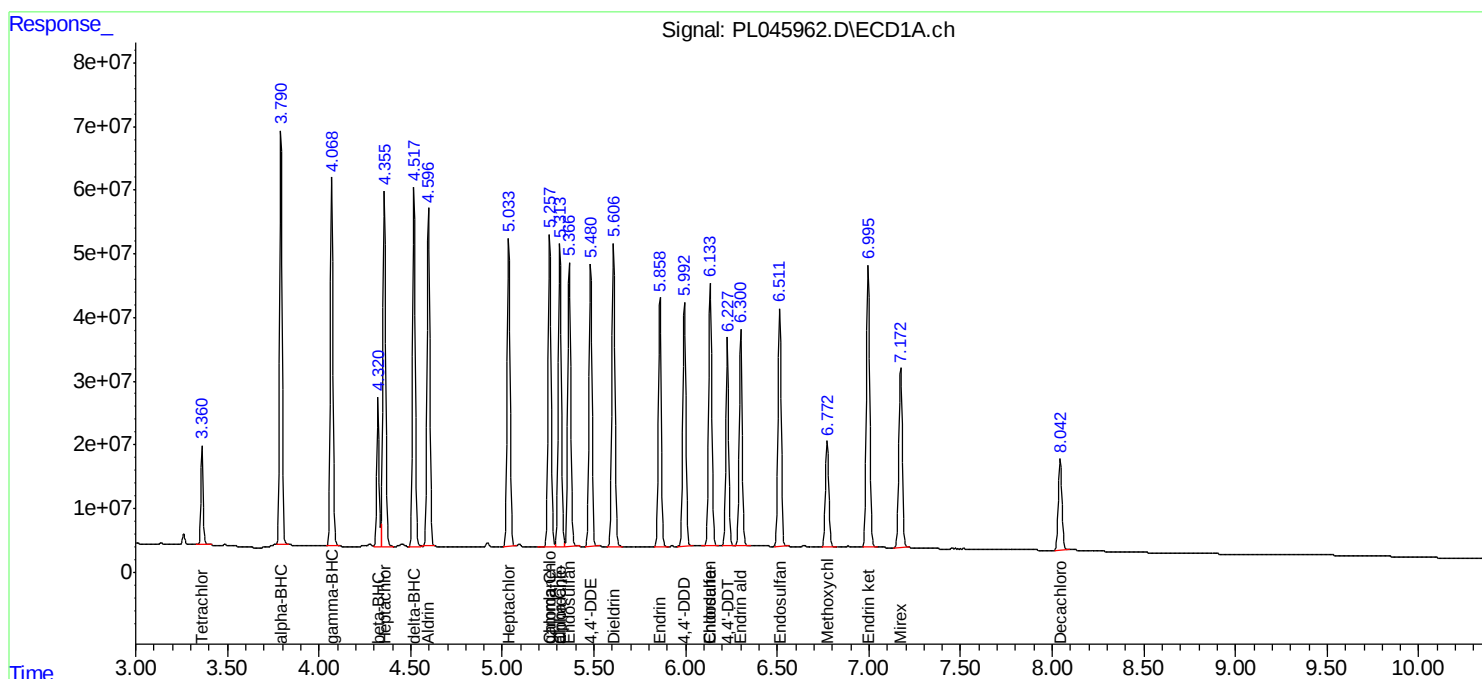
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

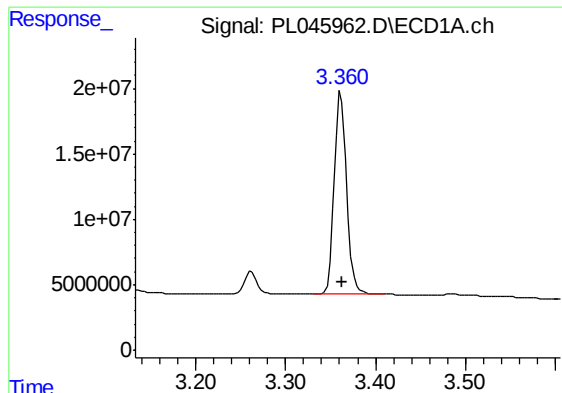
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
Data File : PL045962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2019 03:35
Operator : AJ\SJ
Sample : MIREX IDOC SOIL 03
Misc : PB117820
ALS Vial : 58 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 07:01:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
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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

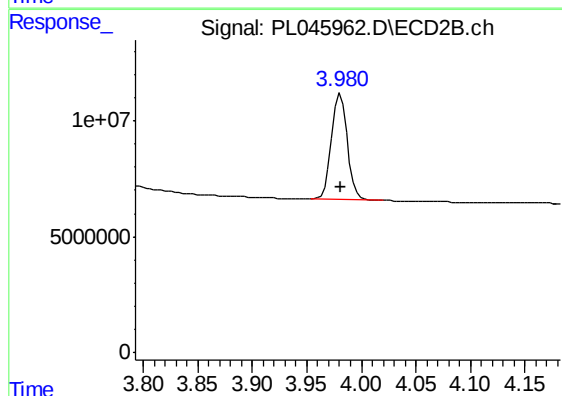




#1 Tetrachloro-m-xylene

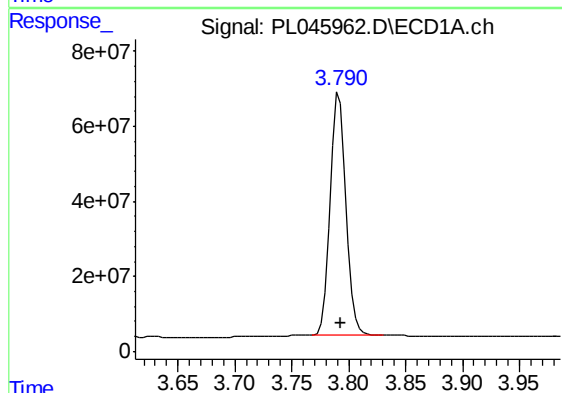
R.T.: 3.362 min
Delta R.T.: -0.001 min
Response: 147990396
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



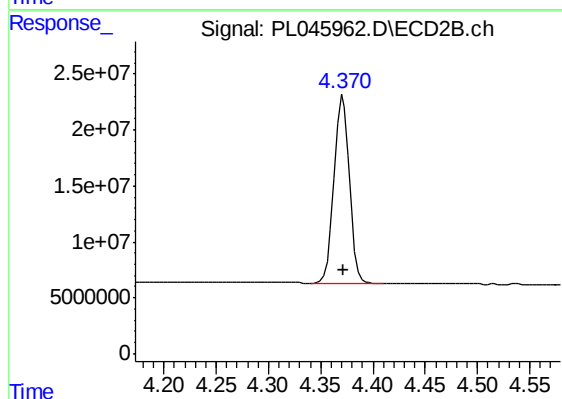
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 46219707
Conc: 21.58 ng/ml



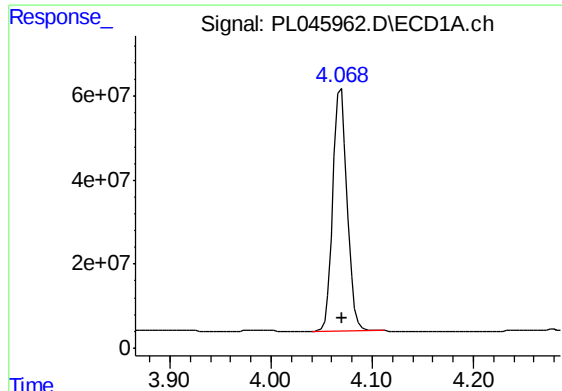
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 613627452
Conc: 55.25 ng/ml



#2 alpha-BHC

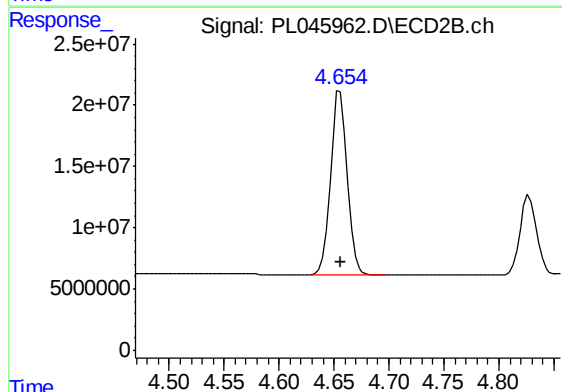
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 171321224
Conc: 56.38 ng/ml



#3 gamma-BHC (Lindane)

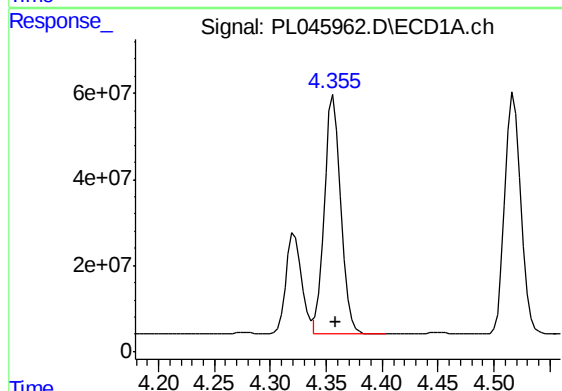
R.T.: 4.069 min
Delta R.T.: -0.001 min
Response: 565768335
Conc: 55.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



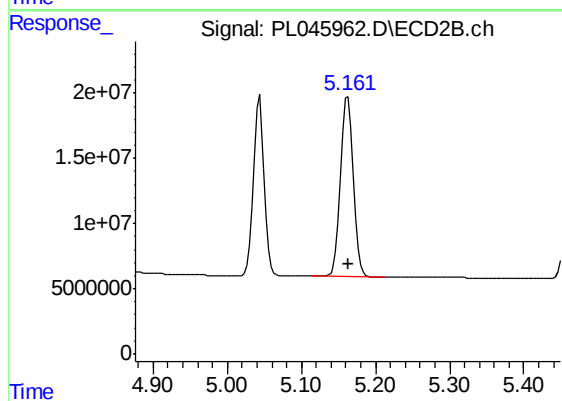
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 157979550
Conc: 55.93 ng/ml



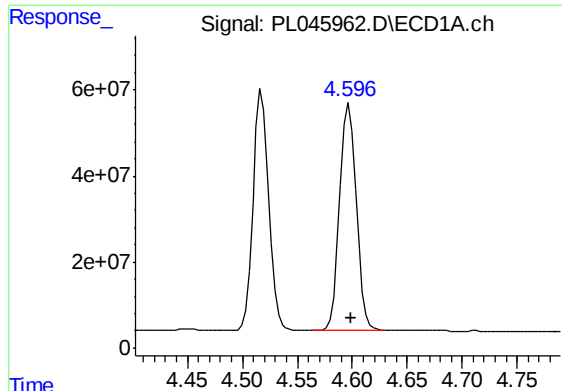
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: -0.002 min
Response: 581960954
Conc: 55.15 ng/ml



#4 Heptachlor

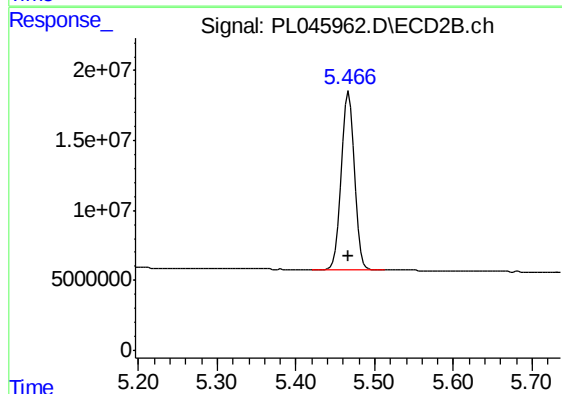
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 162067021
Conc: 54.48 ng/ml



#5 Aldrin

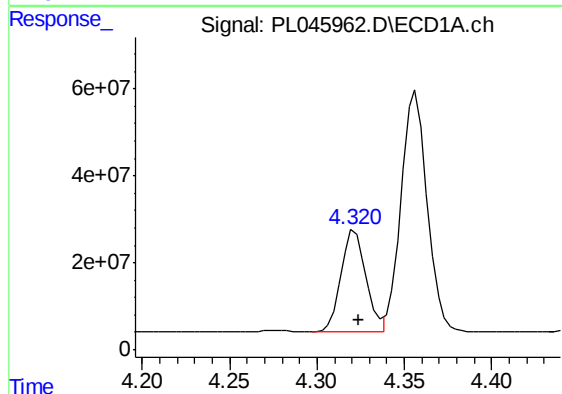
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 554653405
Conc: 57.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



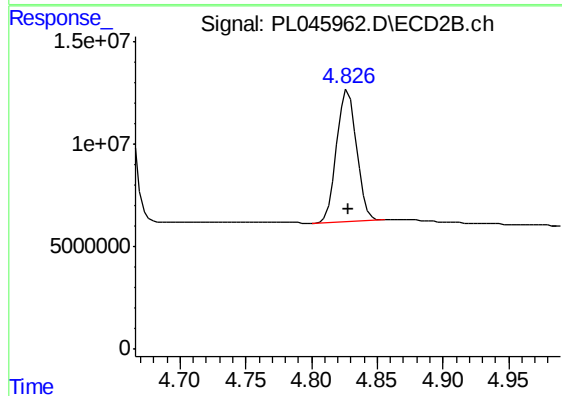
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 151473892
Conc: 56.08 ng/ml



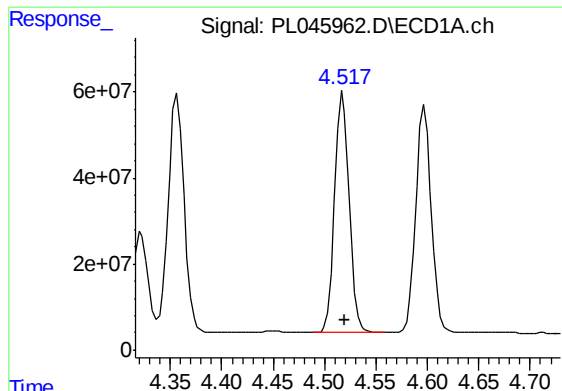
#6 beta-BHC

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 232119517
Conc: 54.16 ng/ml



#6 beta-BHC

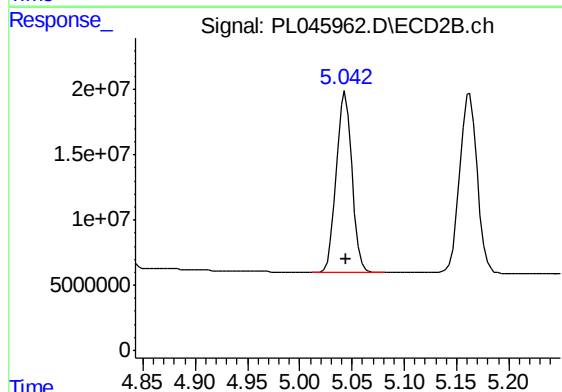
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 67356158
Conc: 53.04 ng/ml



#7 delta-BHC

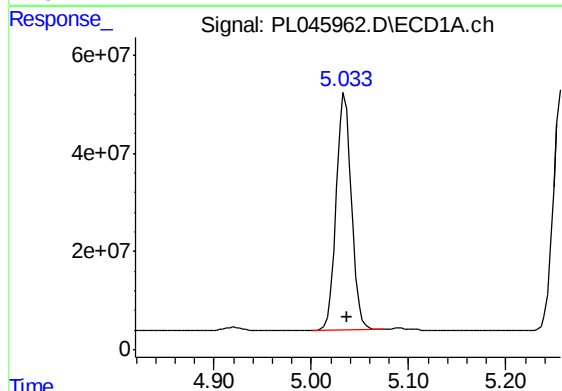
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 553967591
Conc: 57.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



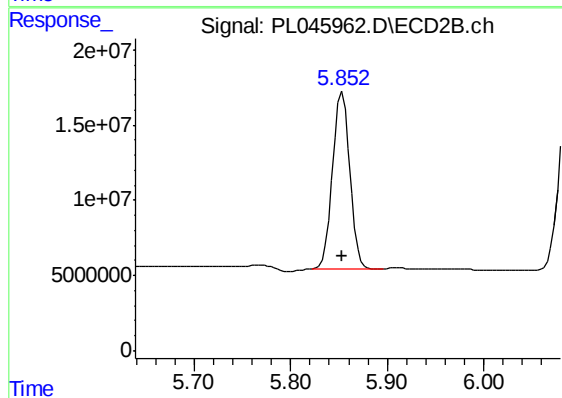
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 145551345
Conc: 67.67 ng/ml



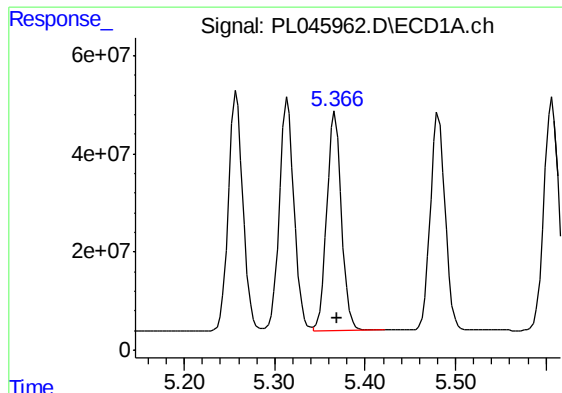
#8 Heptachlor epoxide

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 528749008
Conc: 56.65 ng/ml



#8 Heptachlor epoxide

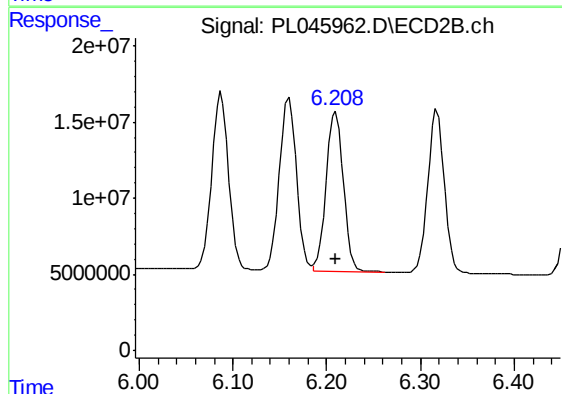
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 143510199
Conc: 59.75 ng/ml



#9 Endosulfan I

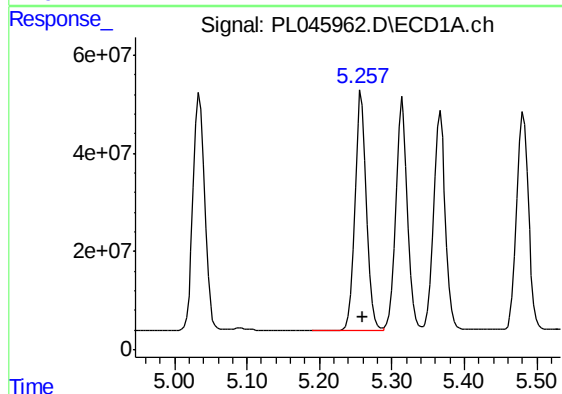
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 502486238
Conc: 56.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



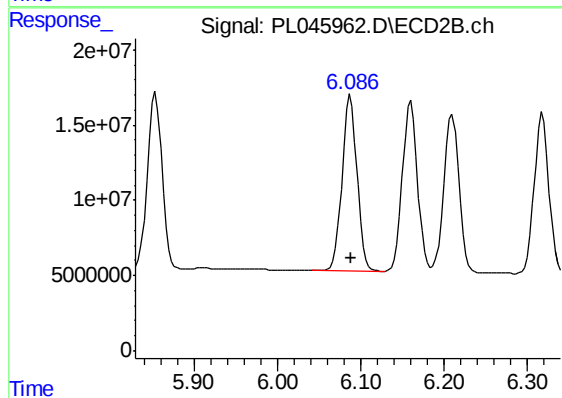
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 134420582
Conc: 53.98 ng/ml



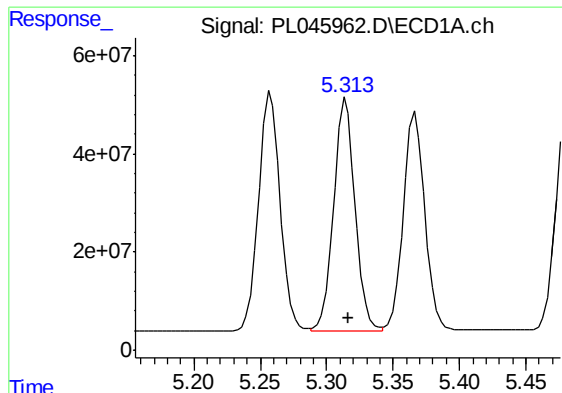
#10 gamma-Chlordane

R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 541428604
Conc: 55.32 ng/ml



#10 gamma-Chlordane

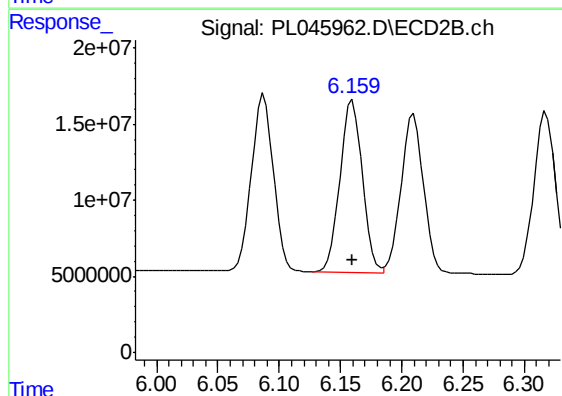
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 145977619
Conc: 54.41 ng/ml



#11 alpha-Chlordane

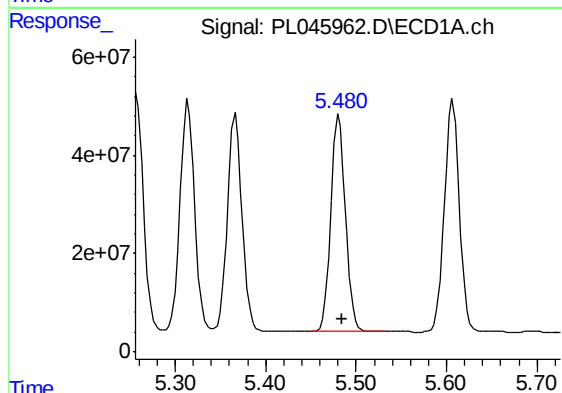
R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 531410154
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



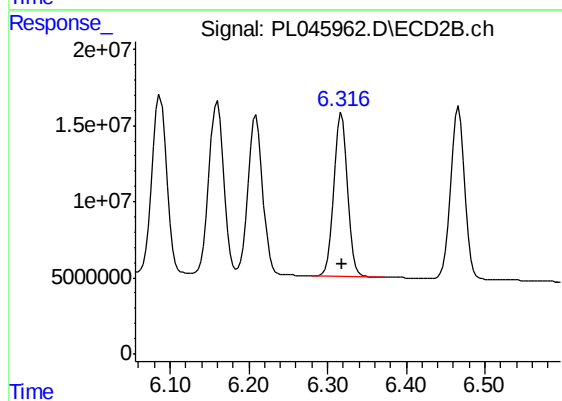
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 143820488
Conc: 53.31 ng/ml



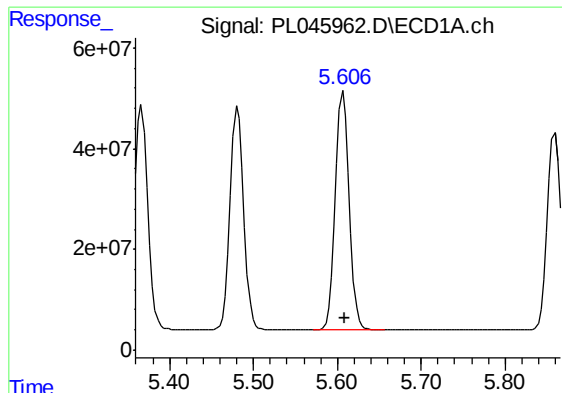
#12 4,4'-DDE

R.T.: 5.481 min
Delta R.T.: -0.003 min
Response: 496605736
Conc: 56.57 ng/ml



#12 4,4'-DDE

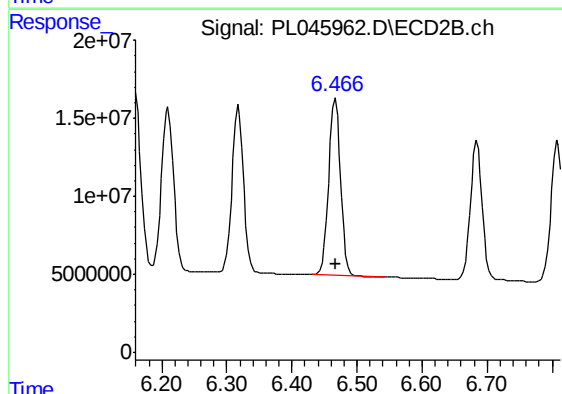
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 131817470
Conc: 56.43 ng/ml



#13 Dielddrin

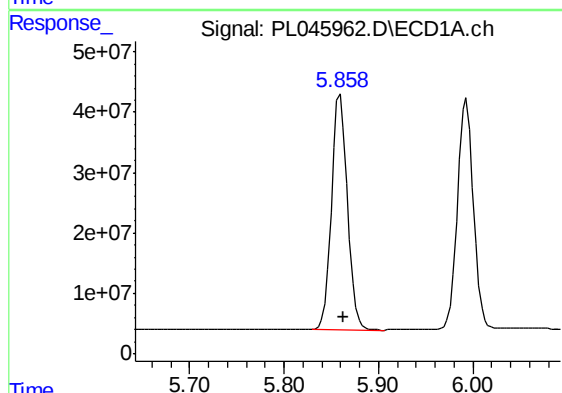
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 544218671
Conc: 56.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



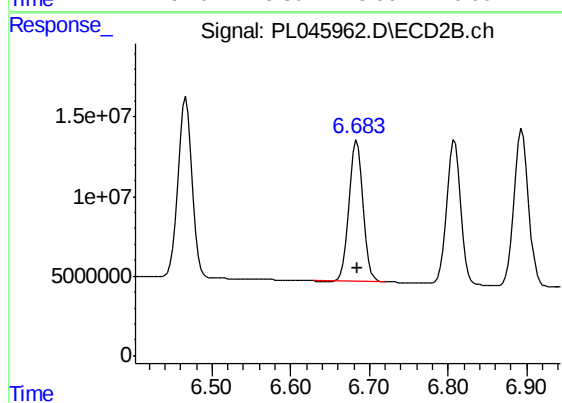
#13 Dielddrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 141877952
Conc: 55.21 ng/ml



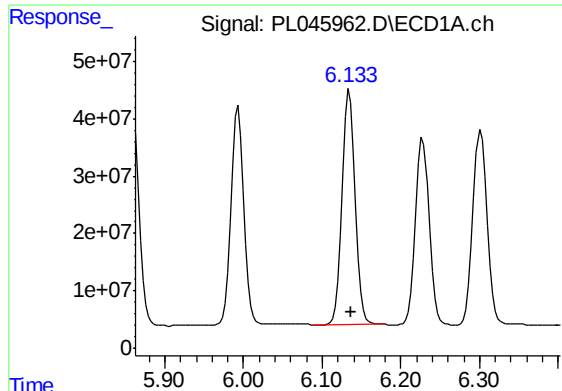
#14 Endrin

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 459987697
Conc: 51.08 ng/ml



#14 Endrin

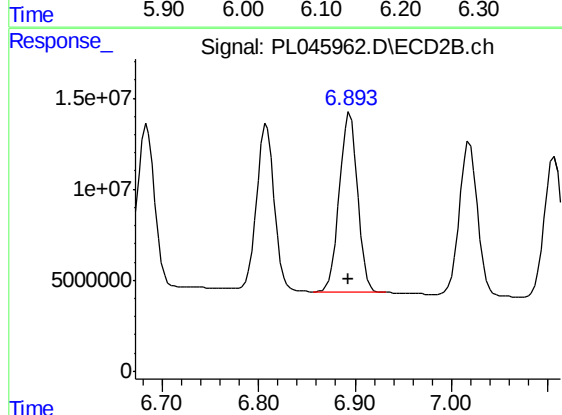
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 111816691
Conc: 49.14 ng/ml



#15 Endosulfan II

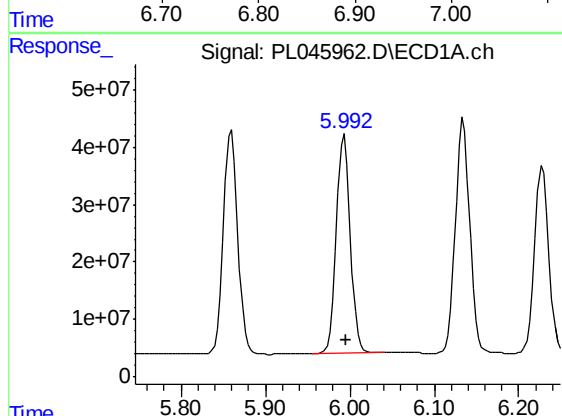
R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 484316507
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



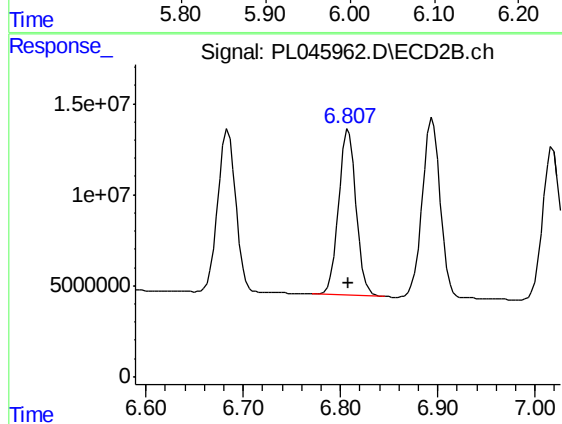
#15 Endosulfan II

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 127271660
Conc: 54.12 ng/ml



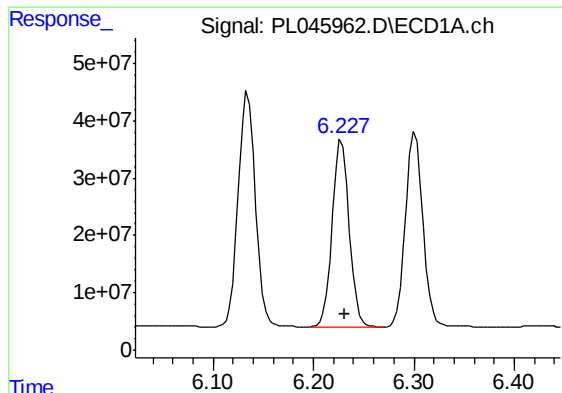
#16 4,4'-DDD

R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 437206849
Conc: 59.71 ng/ml



#16 4,4'-DDD

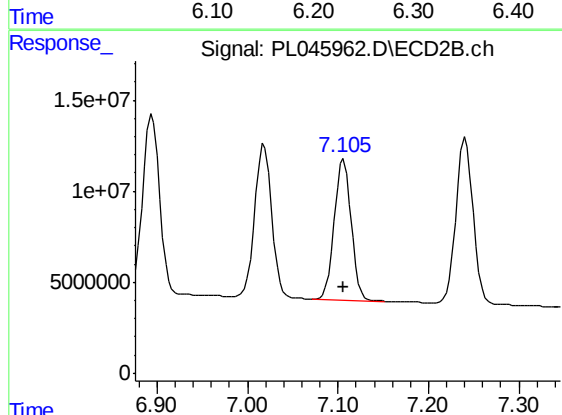
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 114775283
Conc: 59.68 ng/ml



#17 4,4'-DDT

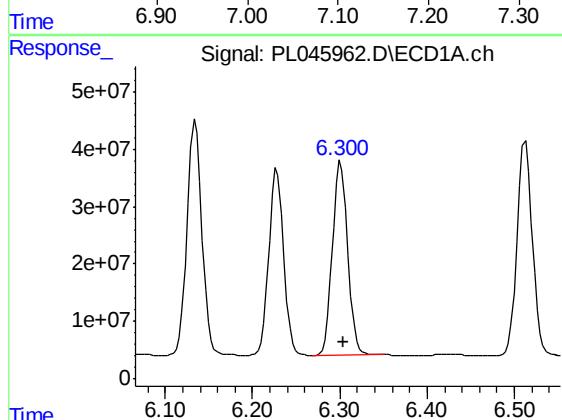
R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 382806500
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



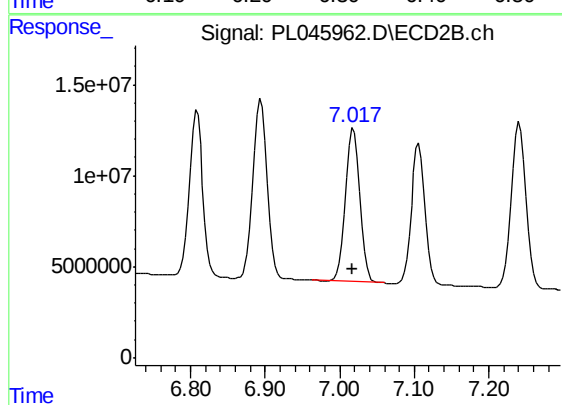
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 99533015
Conc: 50.44 ng/ml



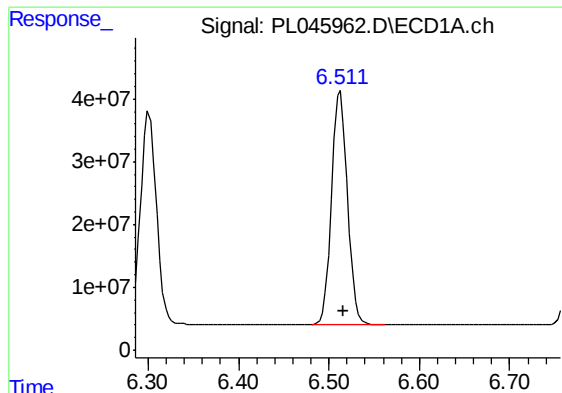
#18 Endrin aldehyde

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 411329634
Conc: 56.27 ng/ml



#18 Endrin aldehyde

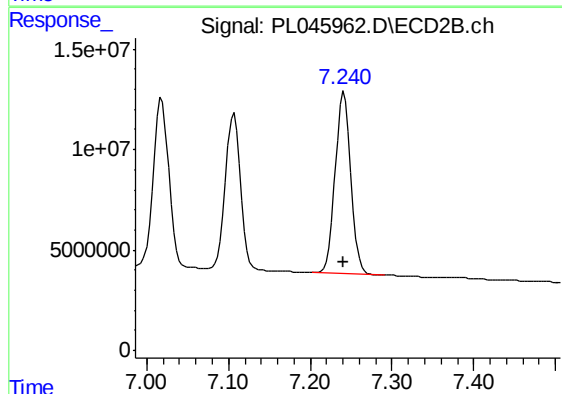
R.T.: 7.018 min
Delta R.T.: 0.001 min
Response: 110085660
Conc: 53.85 ng/ml



#19 Endosulfan Sulfate

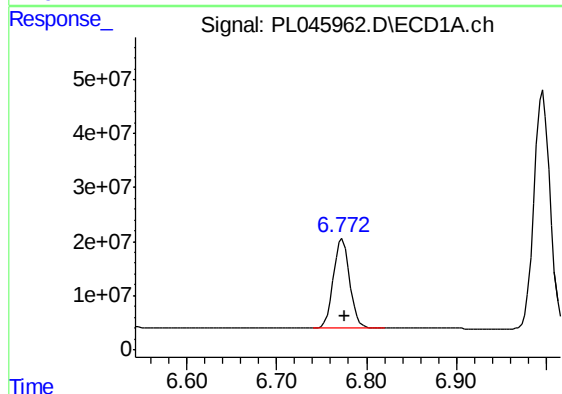
R.T.: 6.513 min
Delta R.T.: -0.002 min
Response: 453029594
Conc: 55.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



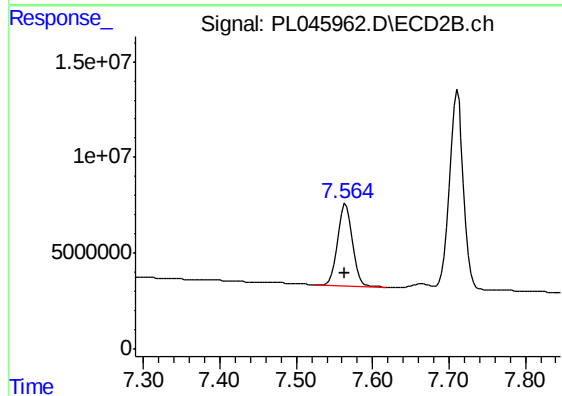
#19 Endosulfan Sulfate

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 120284054
Conc: 53.47 ng/ml



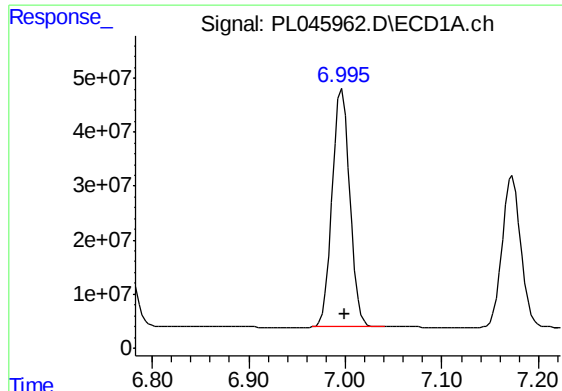
#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 208847498
Conc: 47.55 ng/ml



#20 Methoxychlor

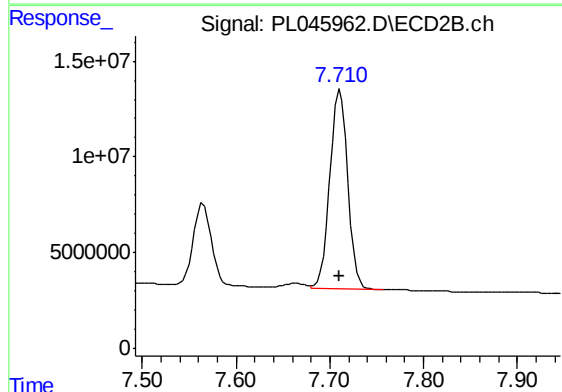
R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 56858821
Conc: 46.32 ng/ml



#21 Endrin ketone

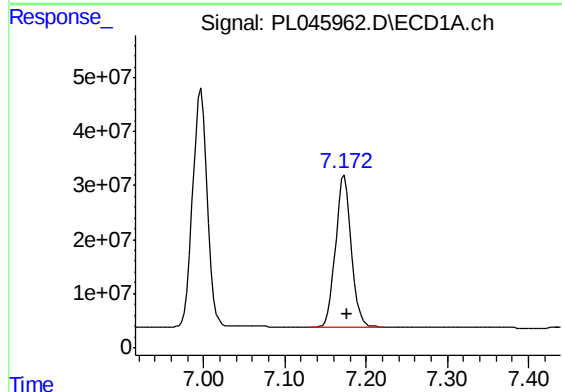
R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 547851527
Conc: 59.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



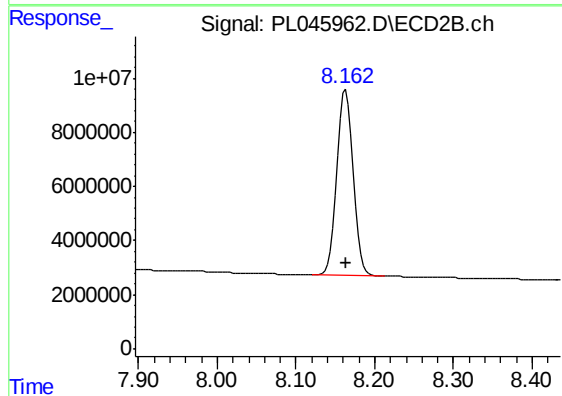
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 137178022
Conc: 57.68 ng/ml



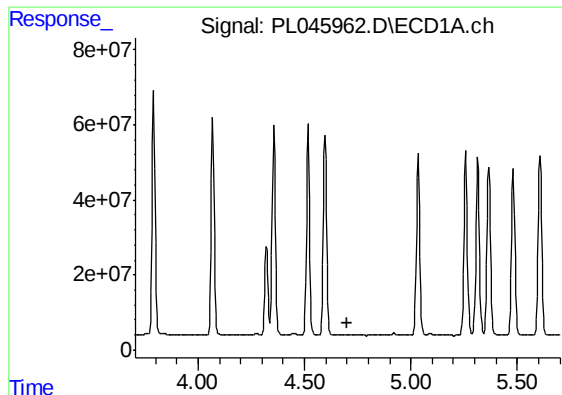
#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 378757324
Conc: 50.91 ng/ml



#22 Mirex

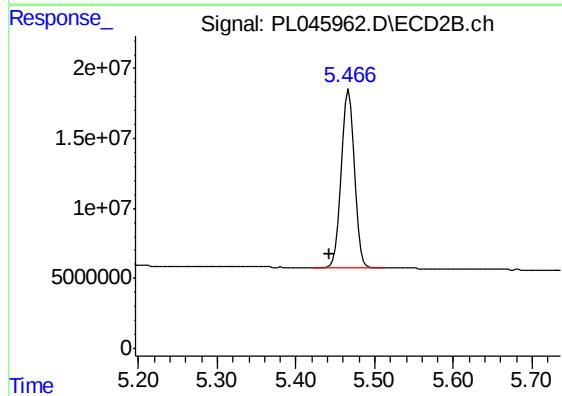
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 102000474
Conc: 51.21 ng/ml



#24 Chlordane-2

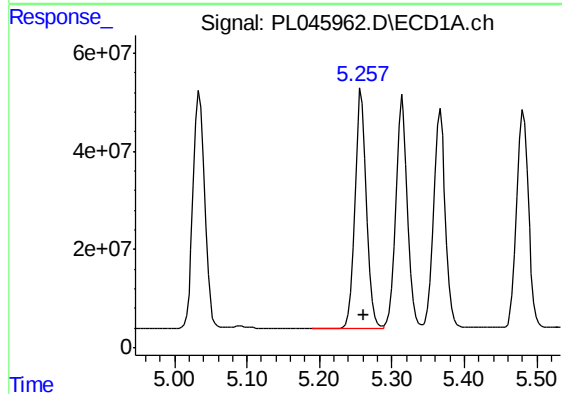
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



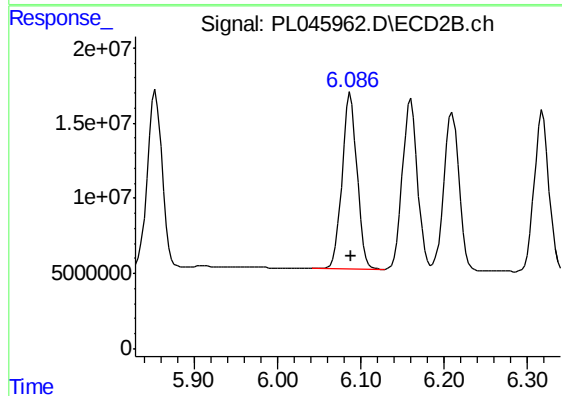
#24 Chlordane-2

R.T.: 5.467 min
Delta R.T.: 0.024 min
Response: 151473892
Conc: 1253.61 ng/ml



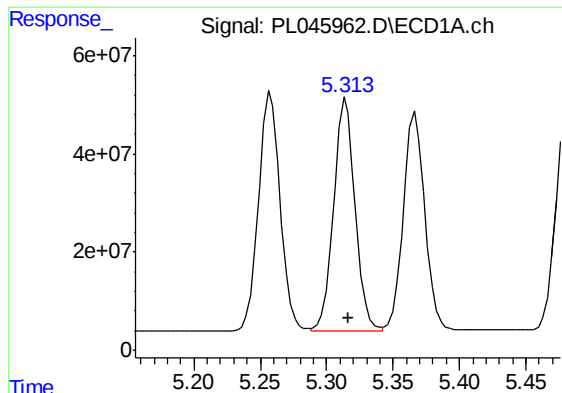
#25 Chlordane-3

R.T.: 5.258 min
Delta R.T.: -0.004 min
Response: 541428604
Conc: 472.03 ng/ml



#25 Chlordane-3

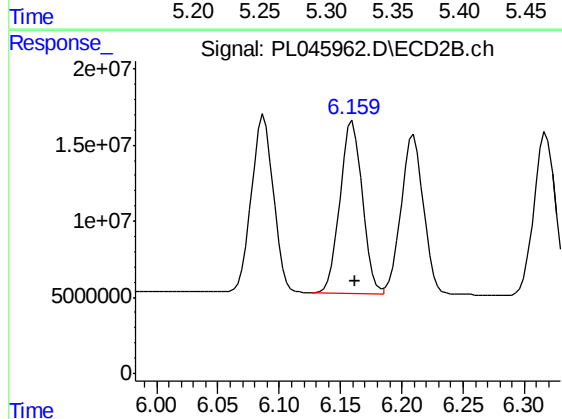
R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 145977619
Conc: 374.66 ng/ml



#26 Chlordane-4

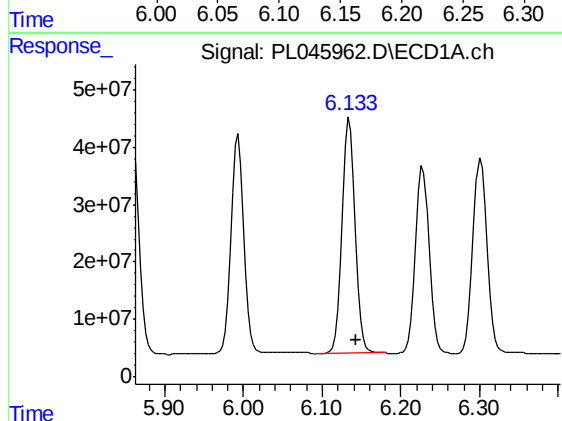
R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 531410154
Conc: 501.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



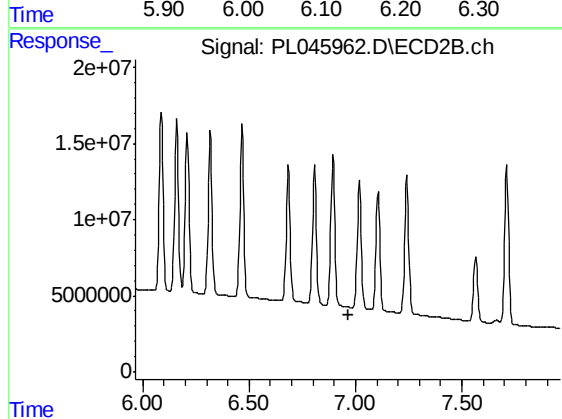
#26 Chlordane-4

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 143820488
Conc: 307.42 ng/ml



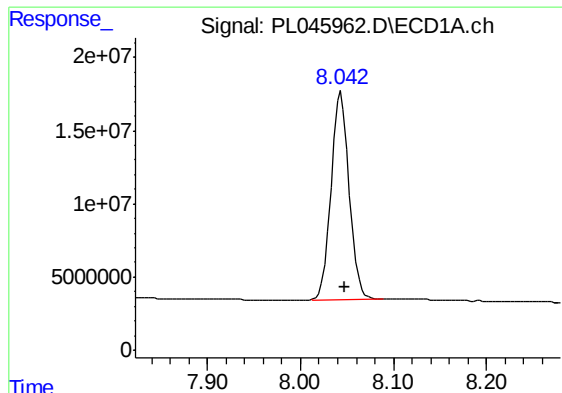
#27 Chlordane-5

R.T.: 6.135 min
Delta R.T.: -0.008 min
Response: 484316507
Conc: 1402.41 ng/ml



#27 Chlordane-5

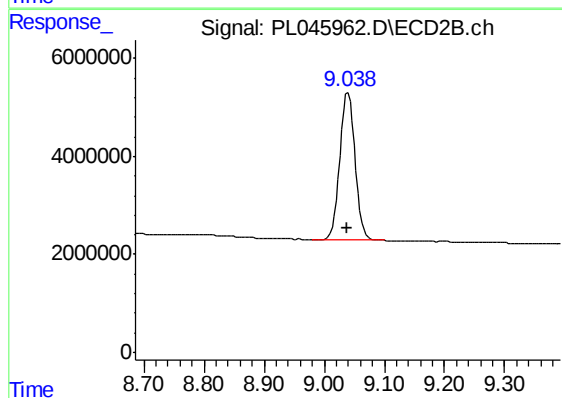
R.T.: 0.000 min
Exp R.T.: 6.966 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.044 min
Delta R.T.: -0.004 min
Response: 190251164
Conc: 22.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MIREX IDOC SOIL 03



#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 53023371
Conc: 23.21 ng/ml