

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
 Data File : PL047498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2019 14:37
 Operator : AJ\SJ
 Sample : SOIL IDOC-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 01:11:12 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	3.975	137.6E6	43529640	18.918	19.012
28)	SA Decachlor...	8.034	9.028	178.0E6	50499985	21.159	21.782
Target Compounds							
2)	A alpha-BHC	3.787	4.365	655.9E6	173.8E6	56.239	54.086
3)	MA gamma-BHC...	4.064	4.649	599.0E6	161.4E6	55.747	53.932
4)	MA Heptachlor	4.351	5.155	628.9E6	165.2E6	57.046	53.716
5)	MB Aldrin	4.591	5.459	605.2E6	159.4E6	58.669	55.624
6)	B beta-BHC	4.317	4.823	245.4E6	70379441	54.506	53.089
7)	B delta-BHC	4.513	5.038	562.5E6	127.6E6	55.567	54.978
8)	B Heptachlor...	5.028	5.845	552.1E6	136.6E6	56.610	51.791
9)	A Endosulfan I	5.359	6.202	527.5E6	139.6E6	56.105	53.473
10)	B gamma-Chl...	5.251	6.079	571.4E6	151.7E6	55.627	53.437
11)	B alpha-Chl...	5.307	6.151	559.1E6	150.6E6	55.142	53.097
12)	B 4,4'-DDE	5.474	6.310	522.2E6	135.7E6	56.715	54.650
13)	MA Dieldrin	5.599	6.458	567.2E6	144.3E6	56.518	53.220
14)	MA Endrin	5.852	6.676	484.6E6	119.5E6	51.450	50.008
15)	B Endosulfa...	6.127	6.886	485.8E6	126.5E6	54.223	52.438
16)	A 4,4'-DDD	5.985	6.801	432.3E6	110.5E6	57.187	54.929
17)	MA 4,4'-DDT	6.221	7.098	414.2E6	108.3E6	54.686	51.658
18)	B Endrin al...	6.294	7.010	415.5E6	112.1E6	55.431	52.765
19)	B Endosulfa...	6.505	7.233	466.3E6	126.2E6	56.790	53.493
20)	A Methoxychlor	6.765	7.557	221.5E6	64010726	52.121	50.213
21)	B Endrin ke...	6.988	7.703	539.9E6	136.9E6	58.390	55.119
22)	Mirex	7.164	8.155	384.9E6	105.4E6	52.831	52.699
24)	Chlordane-2	0.000	5.459f	0	159.4E6	N.D.	1364.295 #
25)	Chlordane-3	5.251	6.079	571.4E6	151.7E6	513.110	397.776
26)	Chlordane-4	5.307	6.151	559.1E6	150.6E6	540.669	326.423 #
27)	Chlordane-5	6.127	0.000	485.8E6	0	1423.560	N.D. #

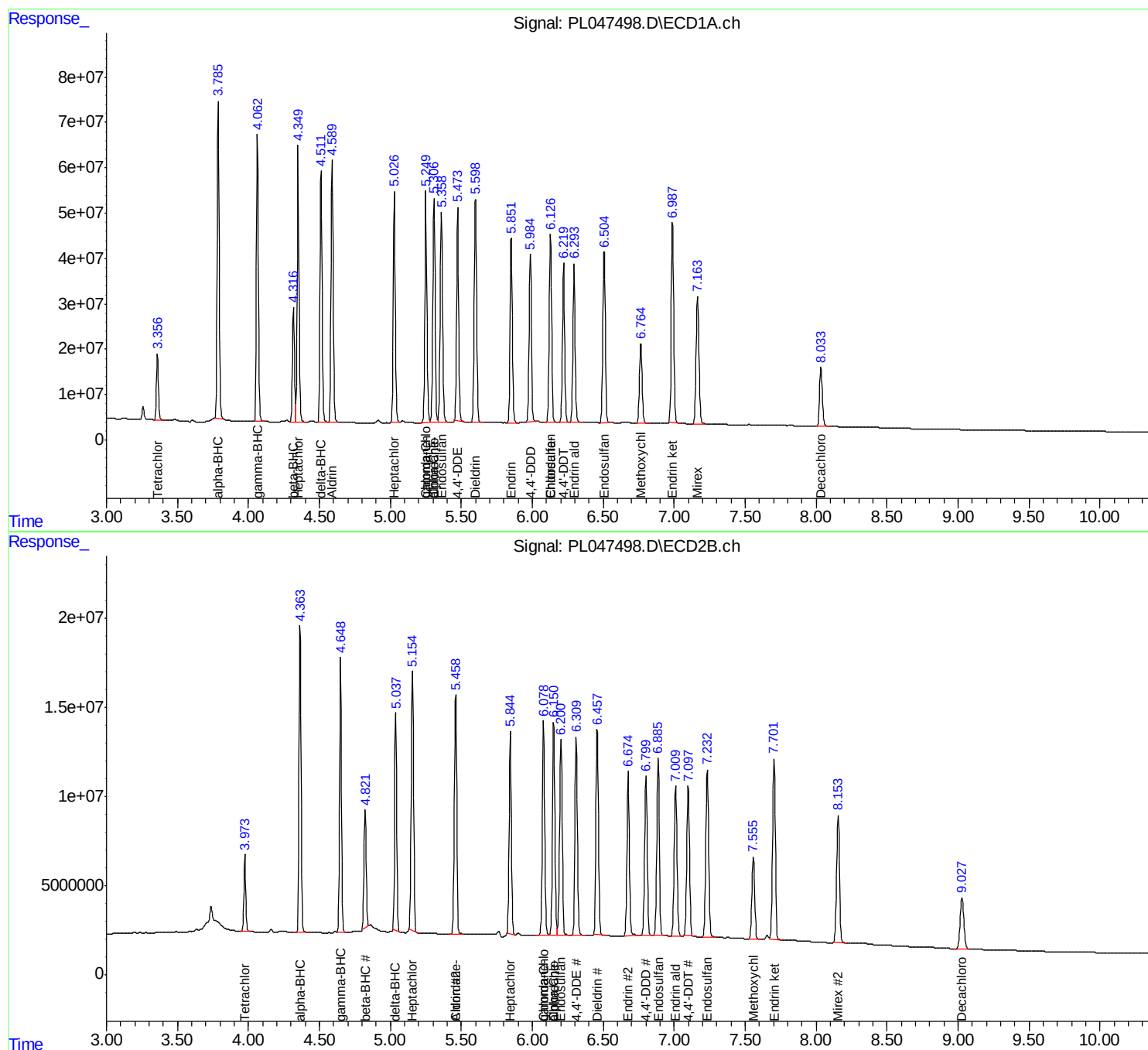
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

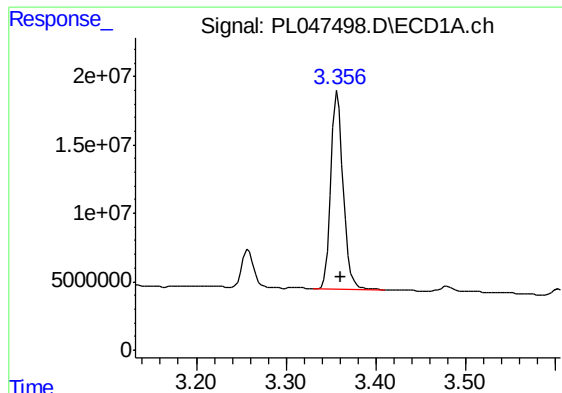
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
Data File : PL047498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2019 14:37
Operator : AJ\SJ
Sample : SOIL IDOC-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:11:12 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

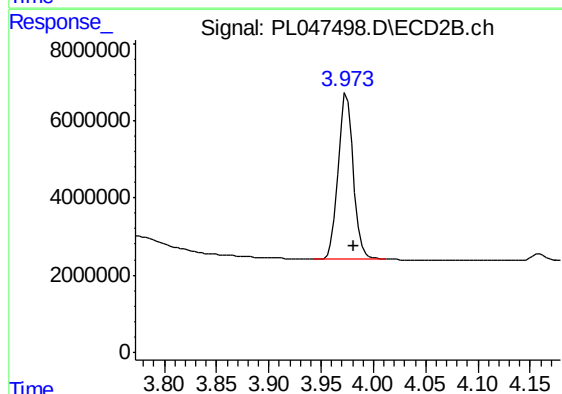




#1 Tetrachloro-m-xylene

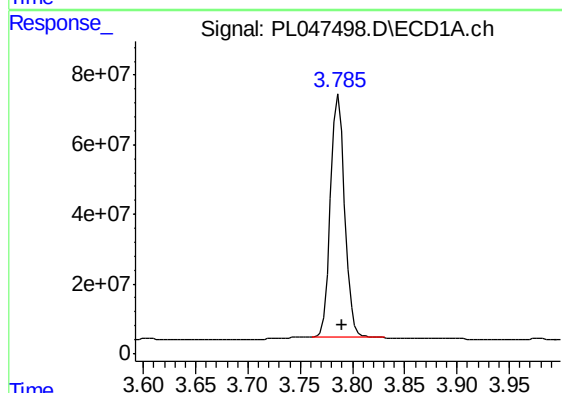
R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 137619322
Conc: 18.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



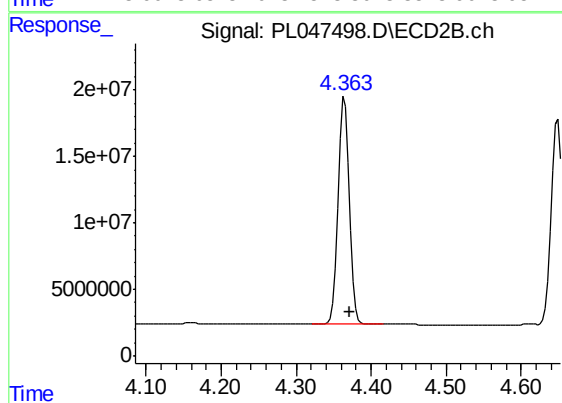
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 43529640
Conc: 19.01 ng/ml



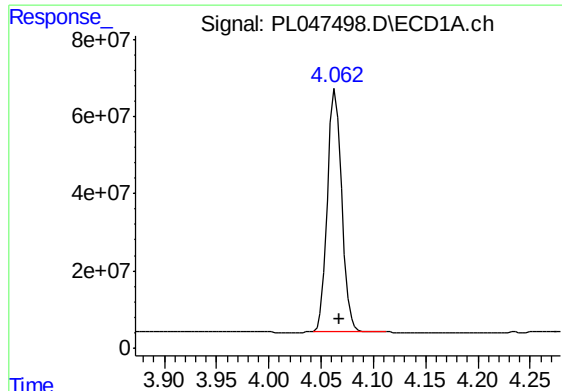
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.004 min
Response: 655857307
Conc: 56.24 ng/ml



#2 alpha-BHC

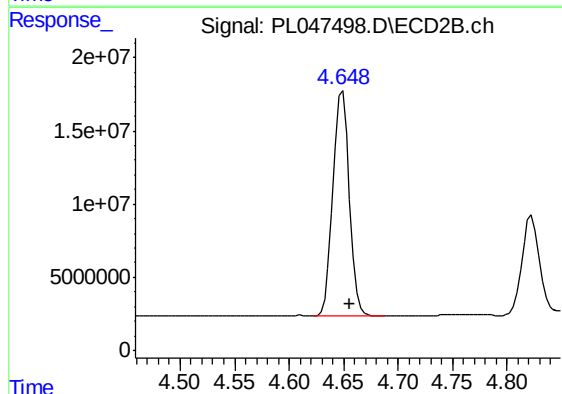
R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 173793526
Conc: 54.09 ng/ml



#3 gamma-BHC (Lindane)

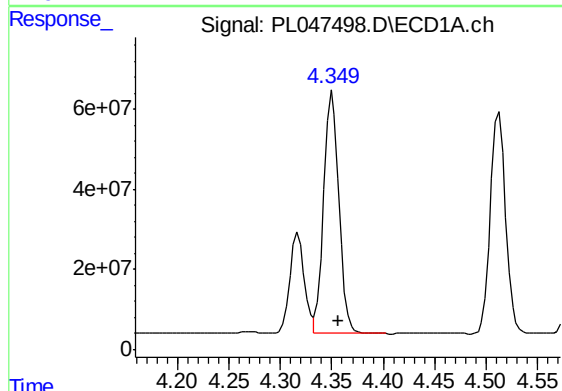
R.T.: 4.064 min
Delta R.T.: -0.004 min
Response: 598972215
Conc: 55.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



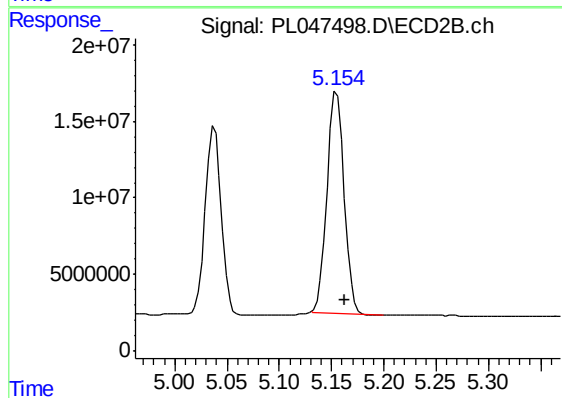
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 161419005
Conc: 53.93 ng/ml



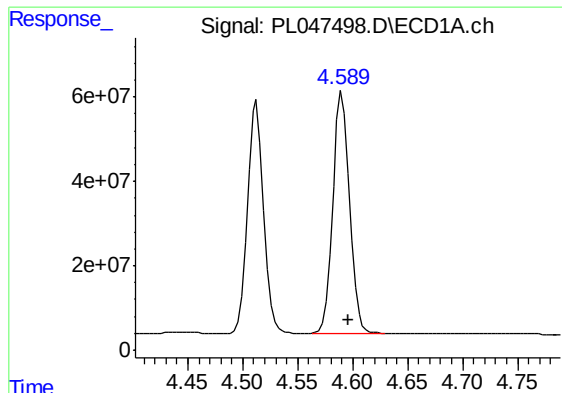
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 628940934
Conc: 57.05 ng/ml



#4 Heptachlor

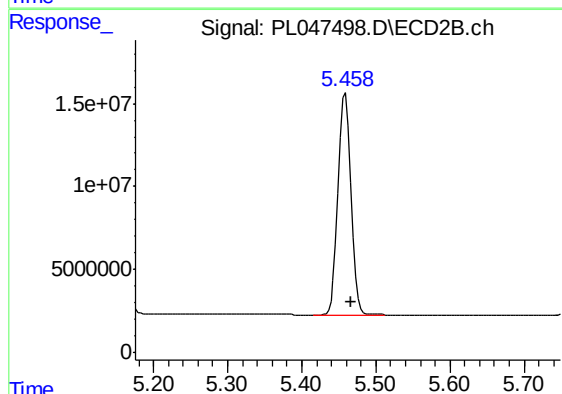
R.T.: 5.155 min
Delta R.T.: -0.007 min
Response: 165224841
Conc: 53.72 ng/ml



#5 Aldrin

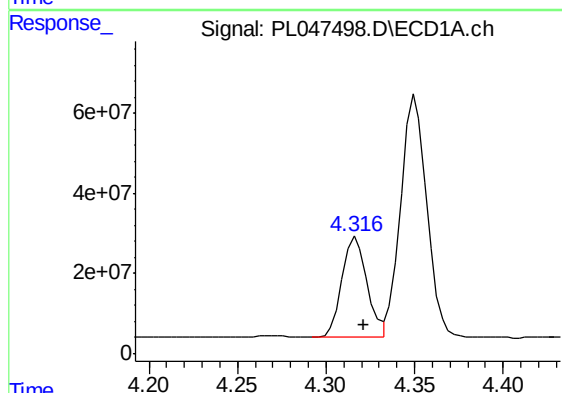
R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 605169500
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



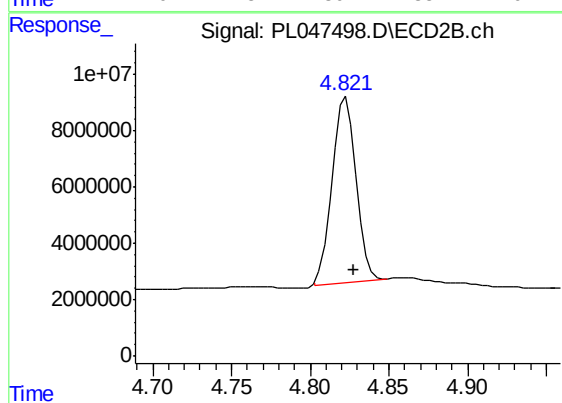
#5 Aldrin

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 159362254
Conc: 55.62 ng/ml



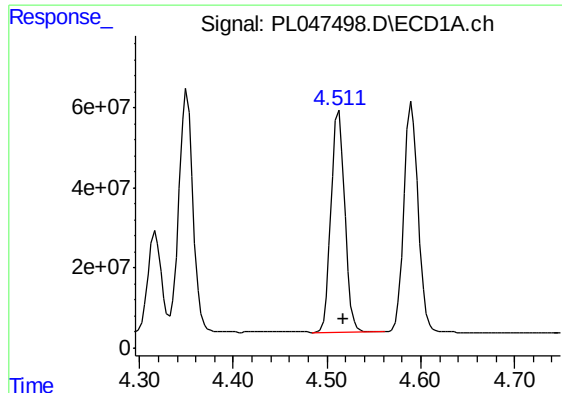
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 245409055
Conc: 54.51 ng/ml



#6 beta-BHC

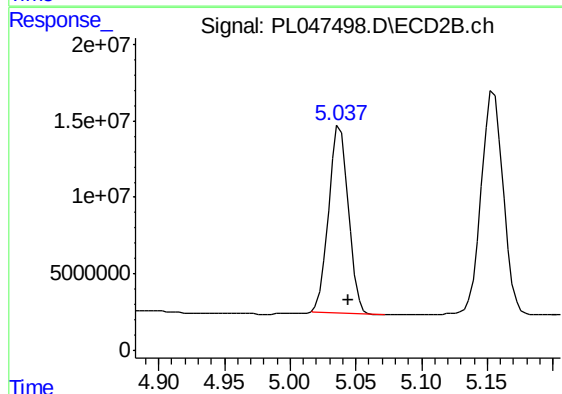
R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 70379441
Conc: 53.09 ng/ml



#7 delta-BHC

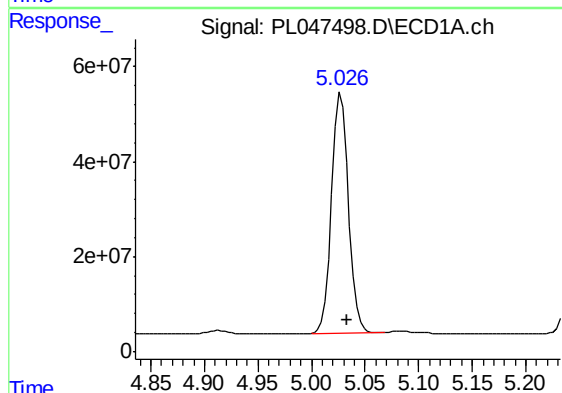
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 562507457
Conc: 55.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



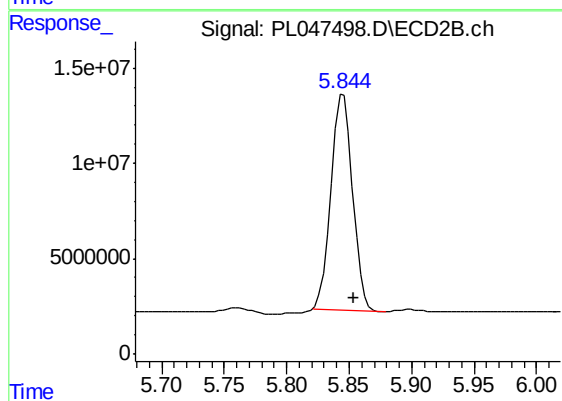
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 127559073
Conc: 54.98 ng/ml



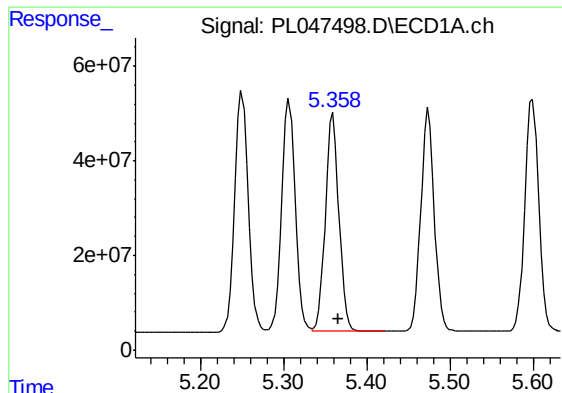
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 552146306
Conc: 56.61 ng/ml



#8 Heptachlor epoxide

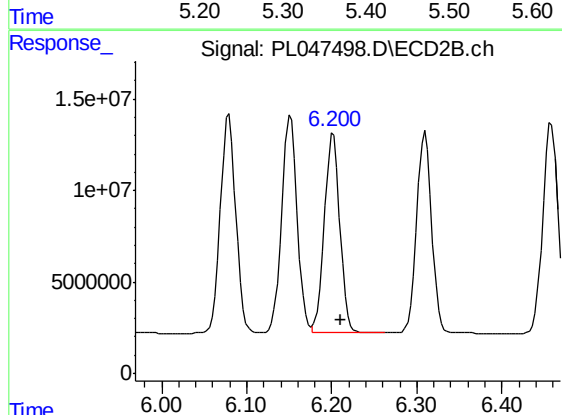
R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 136583292
Conc: 51.79 ng/ml



#9 Endosulfan I

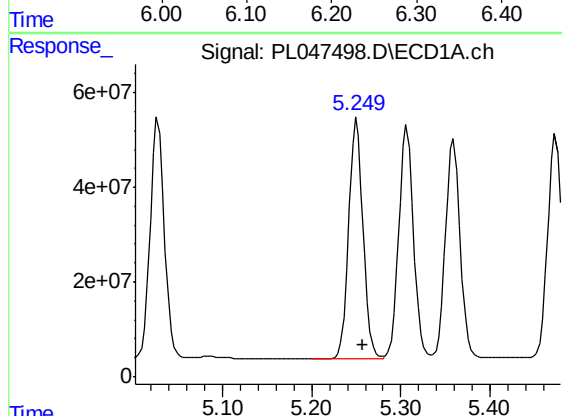
R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 527518965
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



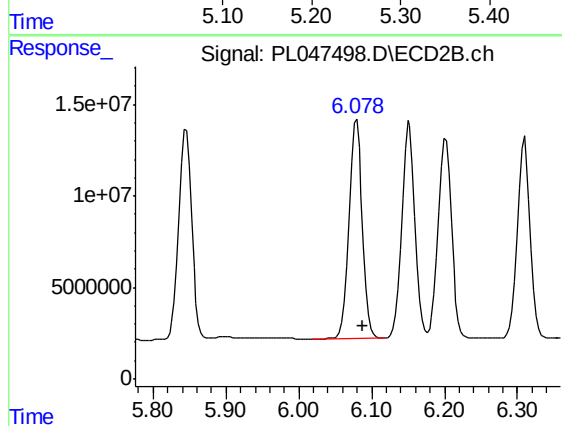
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 139558730
Conc: 53.47 ng/ml



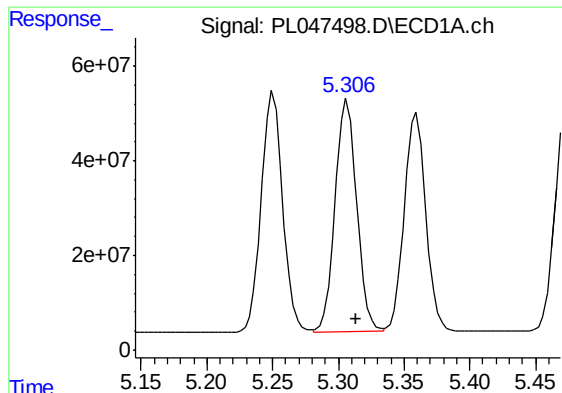
#10 gamma-Chlordane

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 571437177
Conc: 55.63 ng/ml



#10 gamma-Chlordane

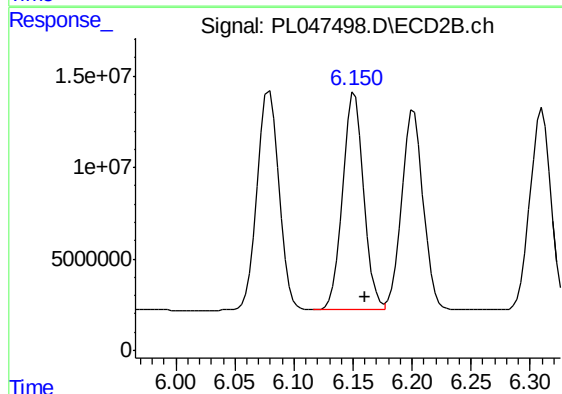
R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 151659015
Conc: 53.44 ng/ml



#11 alpha-Chlordane

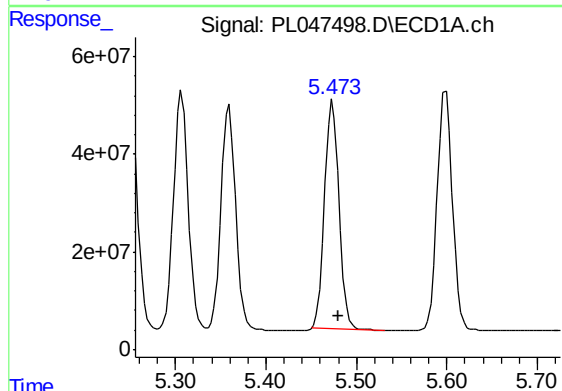
R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 559083408
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



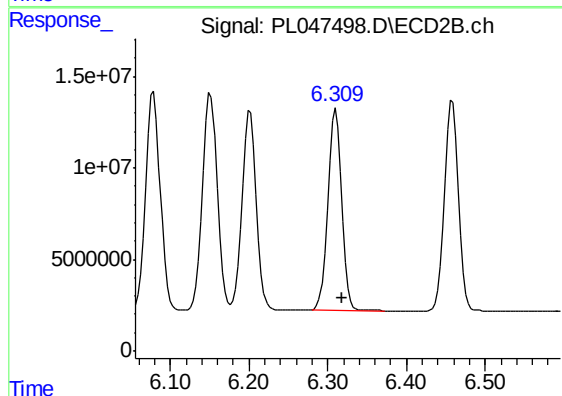
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 150619519
Conc: 53.10 ng/ml



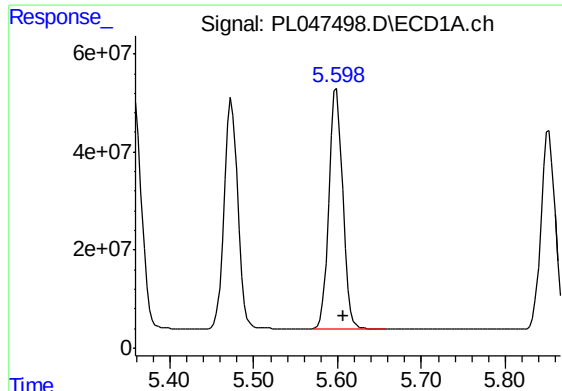
#12 4,4'-DDE

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 522175759
Conc: 56.72 ng/ml



#12 4,4'-DDE

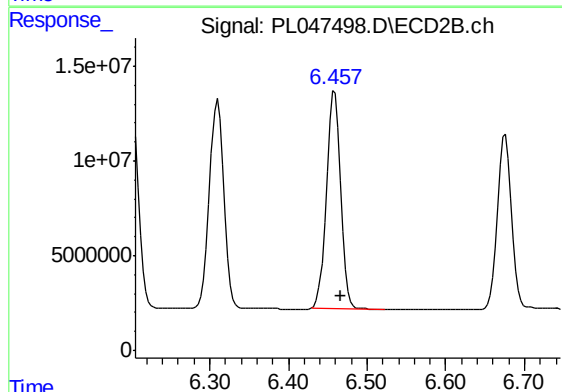
R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 135660646
Conc: 54.65 ng/ml



#13 Dielldrin

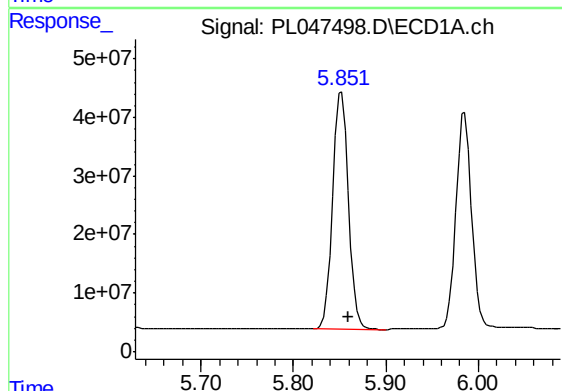
R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 567191065
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



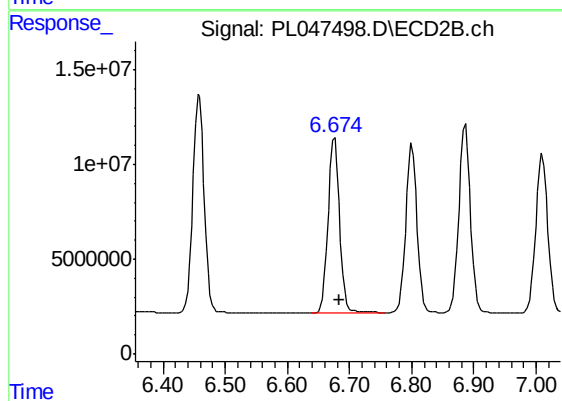
#13 Dielldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 144260887
Conc: 53.22 ng/ml



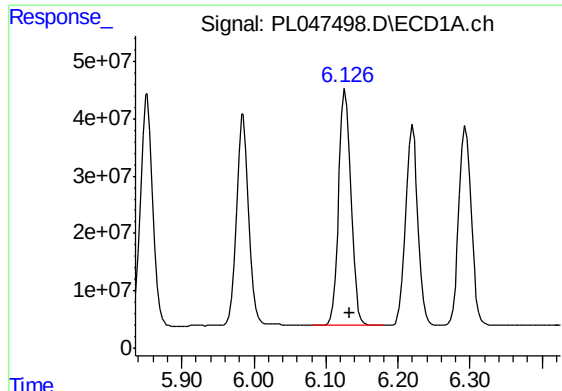
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 484616702
Conc: 51.45 ng/ml



#14 Endrin

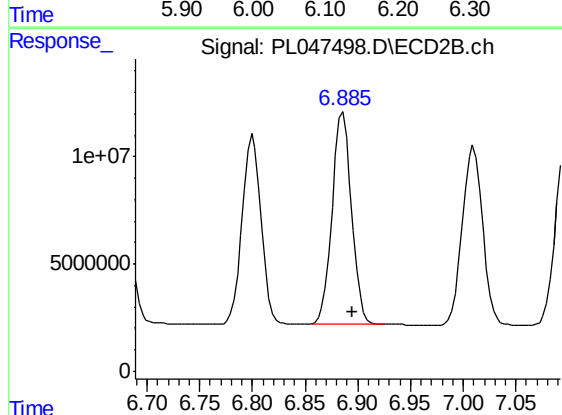
R.T.: 6.676 min
Delta R.T.: -0.009 min
Response: 119507749
Conc: 50.01 ng/ml



#15 Endosulfan II

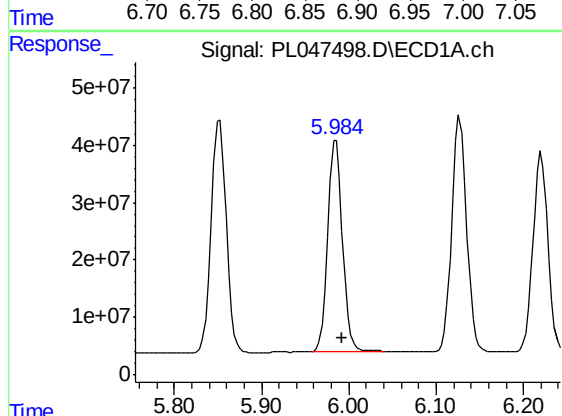
R.T.: 6.127 min
Delta R.T.: -0.007 min
Response: 485814054
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



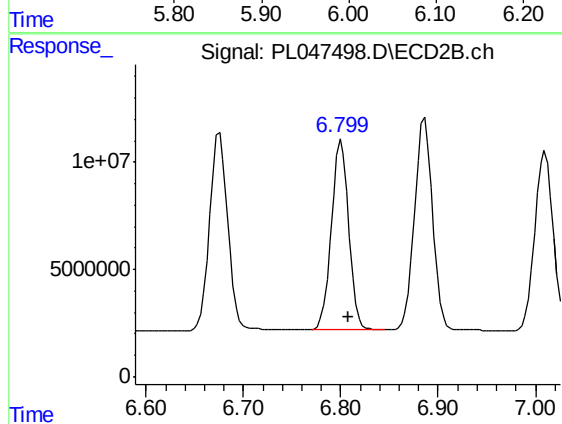
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 126527773
Conc: 52.44 ng/ml



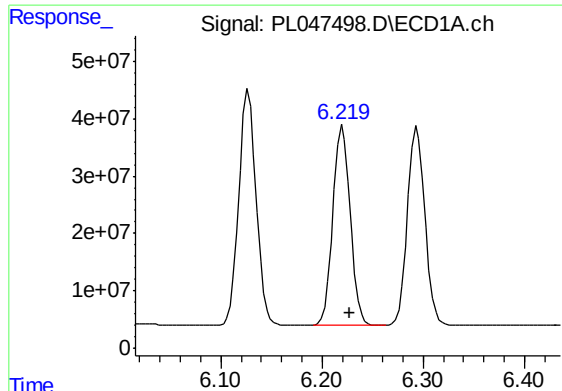
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.007 min
Response: 432280707
Conc: 57.19 ng/ml



#16 4,4'-DDD

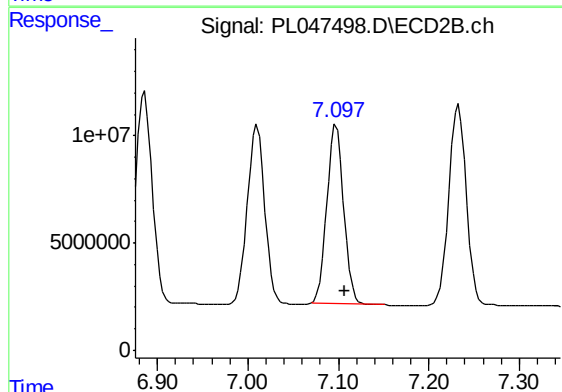
R.T.: 6.801 min
Delta R.T.: -0.008 min
Response: 110519789
Conc: 54.93 ng/ml



#17 4,4'-DDT

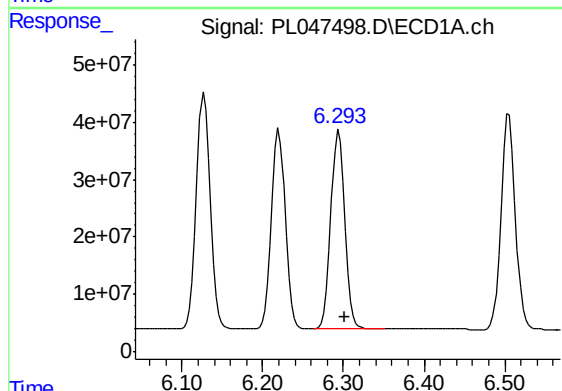
R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 414213306
Conc: 54.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



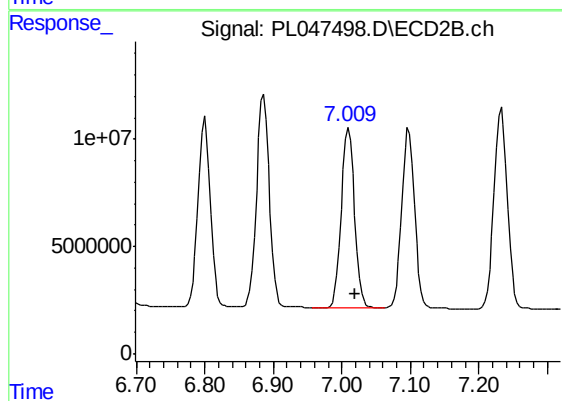
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: -0.009 min
Response: 108323523
Conc: 51.66 ng/ml



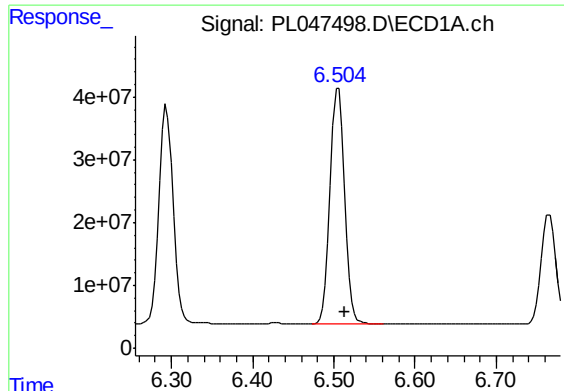
#18 Endrin aldehyde

R.T.: 6.294 min
Delta R.T.: -0.007 min
Response: 415464718
Conc: 55.43 ng/ml



#18 Endrin aldehyde

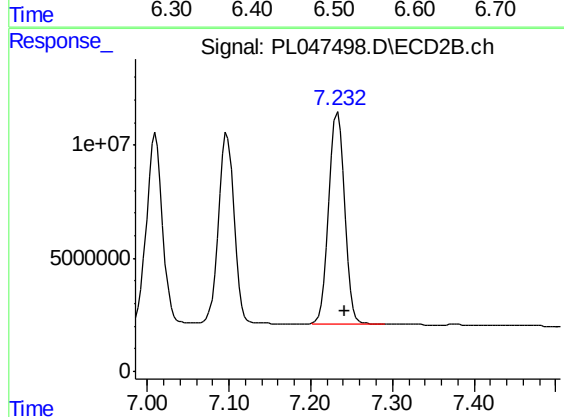
R.T.: 7.010 min
Delta R.T.: -0.009 min
Response: 112073641
Conc: 52.77 ng/ml



#19 Endosulfan Sulfate

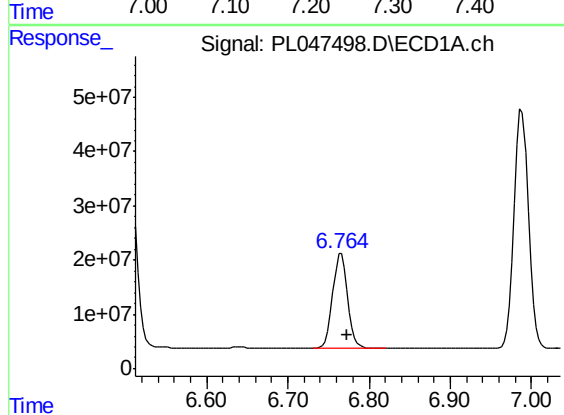
R.T.: 6.505 min
Delta R.T.: -0.007 min
Response: 466309926
Conc: 56.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



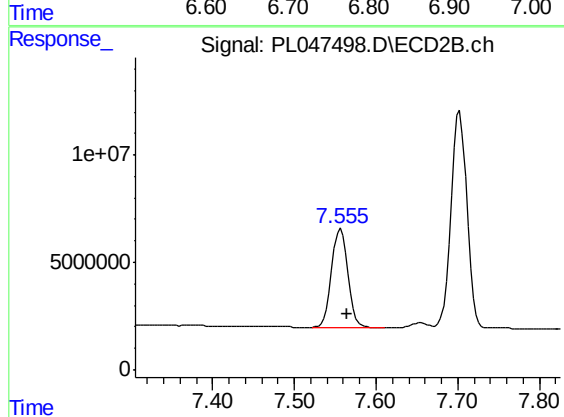
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 126190845
Conc: 53.49 ng/ml



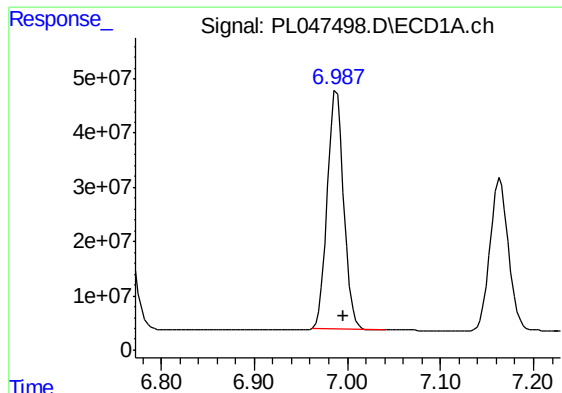
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 221509045
Conc: 52.12 ng/ml



#20 Methoxychlor

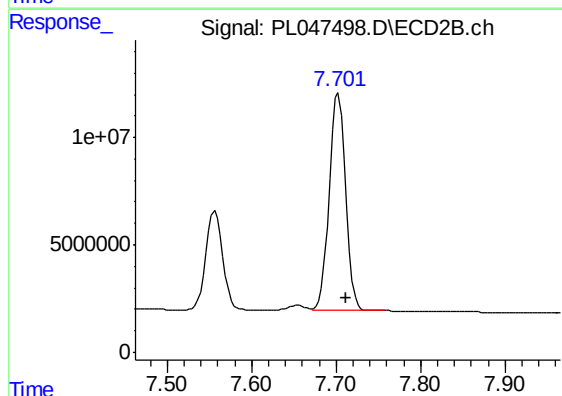
R.T.: 7.557 min
Delta R.T.: -0.009 min
Response: 64010726
Conc: 50.21 ng/ml



#21 Endrin ketone

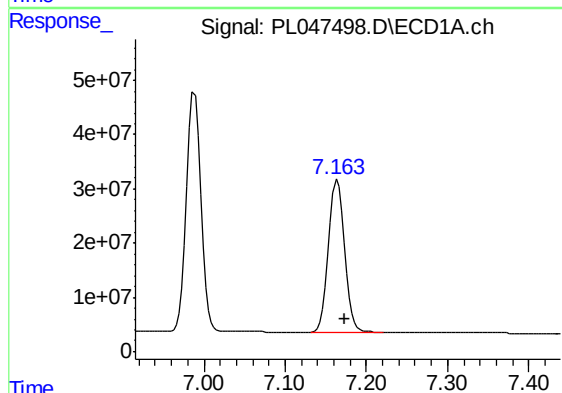
R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 539918566
Conc: 58.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



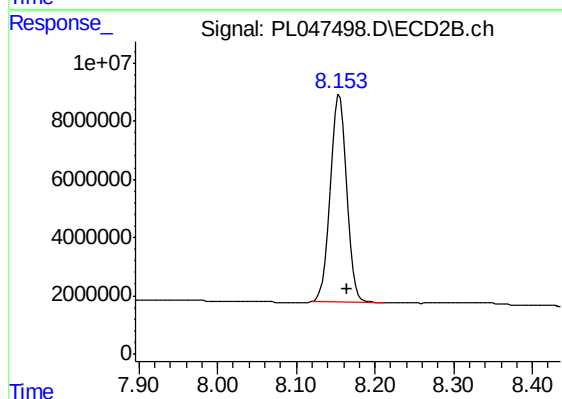
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: -0.009 min
Response: 136946246
Conc: 55.12 ng/ml



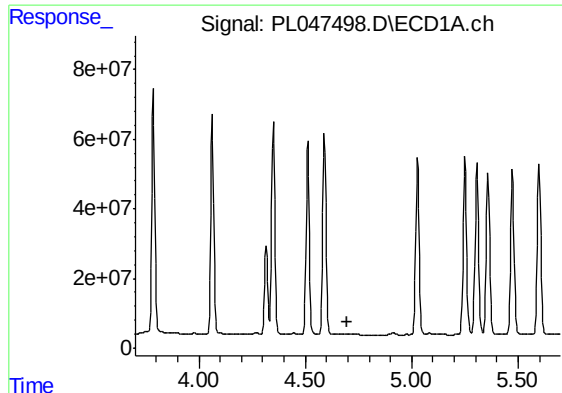
#22 Mirex

R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 384902802
Conc: 52.83 ng/ml



#22 Mirex

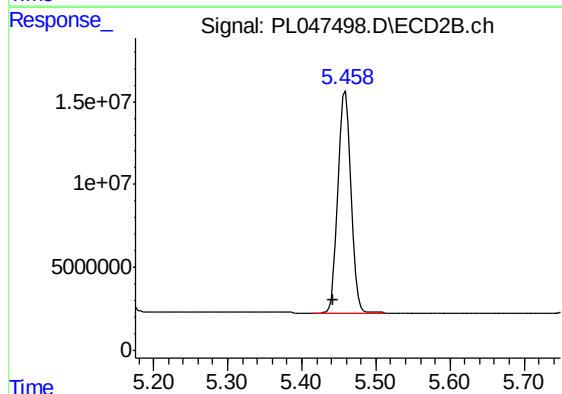
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 105406632
Conc: 52.70 ng/ml



#24 Chlordane-2

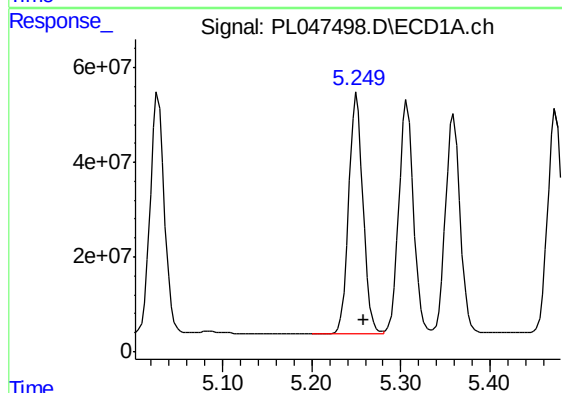
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



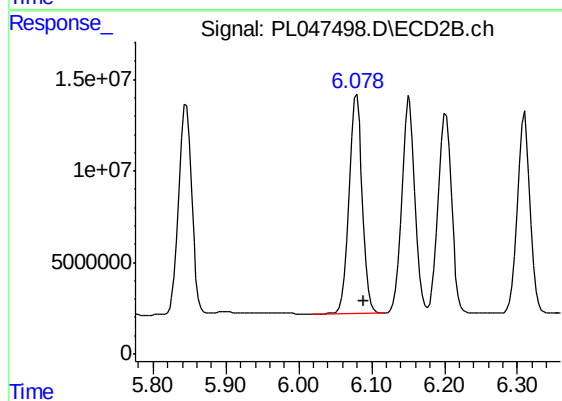
#24 Chlordane-2

R.T.: 5.459 min
Delta R.T.: 0.016 min
Response: 159362254
Conc: 1364.29 ng/ml



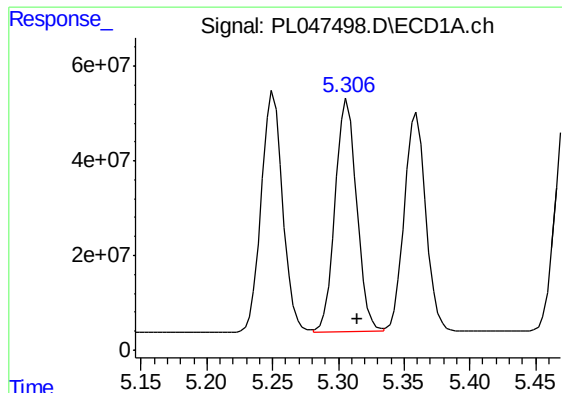
#25 Chlordane-3

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 571437177
Conc: 513.11 ng/ml



#25 Chlordane-3

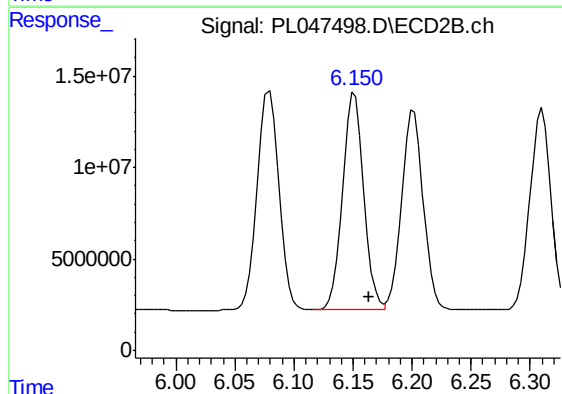
R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 151659015
Conc: 397.78 ng/ml



#26 Chlordane-4

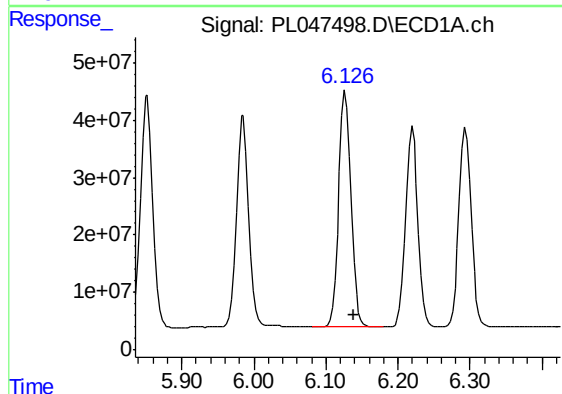
R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 559083408
Conc: 540.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



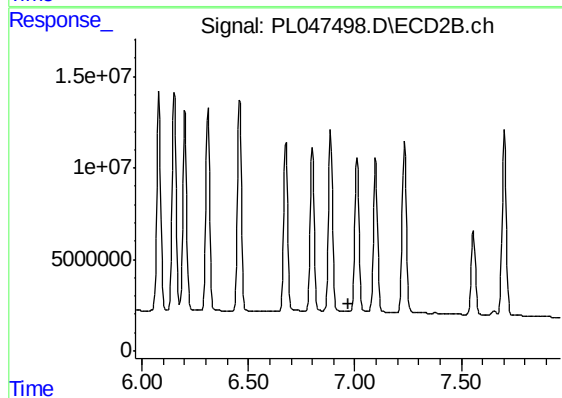
#26 Chlordane-4

R.T.: 6.151 min
Delta R.T.: -0.012 min
Response: 150619519
Conc: 326.42 ng/ml



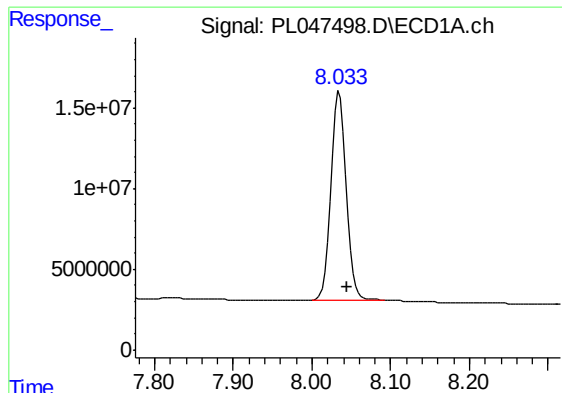
#27 Chlordane-5

R.T.: 6.127 min
Delta R.T.: -0.012 min
Response: 485814054
Conc: 1423.56 ng/ml



#27 Chlordane-5

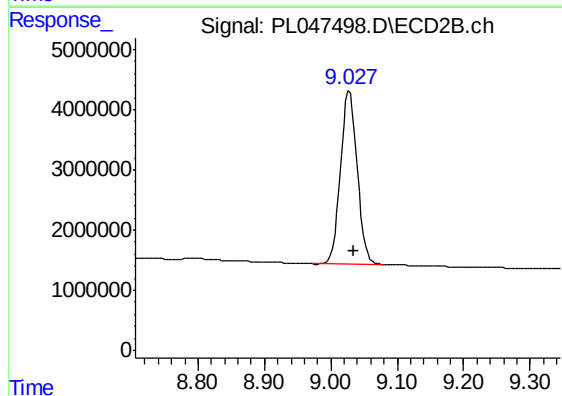
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.034 min
Delta R.T.: -0.010 min
Response: 177969254
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-02



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: -0.007 min
Response: 50499985
Conc: 21.78 ng/ml