

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
 Data File : PL047323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 15:00
 Operator : AJ\SJ
 Sample : K2241-02
 Misc : LOQ 10 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 23:25:05 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...	3.357	3.976	150.1E6	45926386	20.633	20.059
28)	SA Decachlor...	8.033	9.027	196.1E6	55404952	23.315	23.897
Target Compounds							
2)	A alpha-BHC	3.786	4.366	112.1E6	27994948	9.612	8.712
3)	MA gamma-BHC...	4.063	4.650	99945949	27113002	9.302	9.059
4)	MA Heptachlor	4.350	5.156	110.7E6	31266608	10.043	10.165
5)	MB Aldrin	4.591	5.460	99993251	28232629	9.694	9.854
6)	B beta-BHC	4.317	4.823	46043503	12957973	10.226	9.774
7)	B delta-BHC	4.512	5.039	88029374	17944507	8.696	7.734
8)	B Heptachlor...	5.027	5.846	98875748	26152998	10.137	9.917
9)	A Endosulfan I	5.359	6.202	93709242	26851246	9.967	10.288
10)	B gamma-Chl...	5.250	6.080	101.0E6	29085896	9.831	10.248
11)	B alpha-Chl...	5.306	6.152	101.1E6	29279497	9.976	10.322
12)	B 4,4'-DDE	5.473	6.310	86842235	24057342	9.432	9.691
13)	MA Dieldrin	5.598	6.459	95480962	26526940	9.514	9.786
14)	MA Endrin	5.852	6.676	89538118	23777485	9.506	9.950
15)	B Endosulfa...	6.126	6.887	87754358	25028025	9.794	10.373
16)	A 4,4'-DDD	5.985	6.801	71717527	19810403	9.488	9.846
17)	MA 4,4'-DDT	6.220	7.098	67775933	20148664	8.948	9.609
18)	B Endrin al...	6.294	7.011	76466822	22498568	10.202	10.593
19)	B Endosulfa...	6.505	7.233	87522256	25771867	10.659	10.925
20)	A Methoxychlor	6.764	7.557	44682244	13892759	10.514	10.898
21)	B Endrin ke...	6.988	7.702	94190573	26519238	10.186	10.674
22)	Mirex	7.163	8.154	81981275	24066321	11.253	12.032
24)	Chlordane-2	0.000	5.460f	0	28232629	N.D.	241.699 #
25)	Chlordane-3	5.250	6.080	101.0E6	29085896	90.679	76.287
26)	Chlordane-4	5.306	6.152	101.1E6	29279497	97.813	63.455 #
27)	Chlordane-5	6.126	0.000	87754358	0	257.143	N.D. #

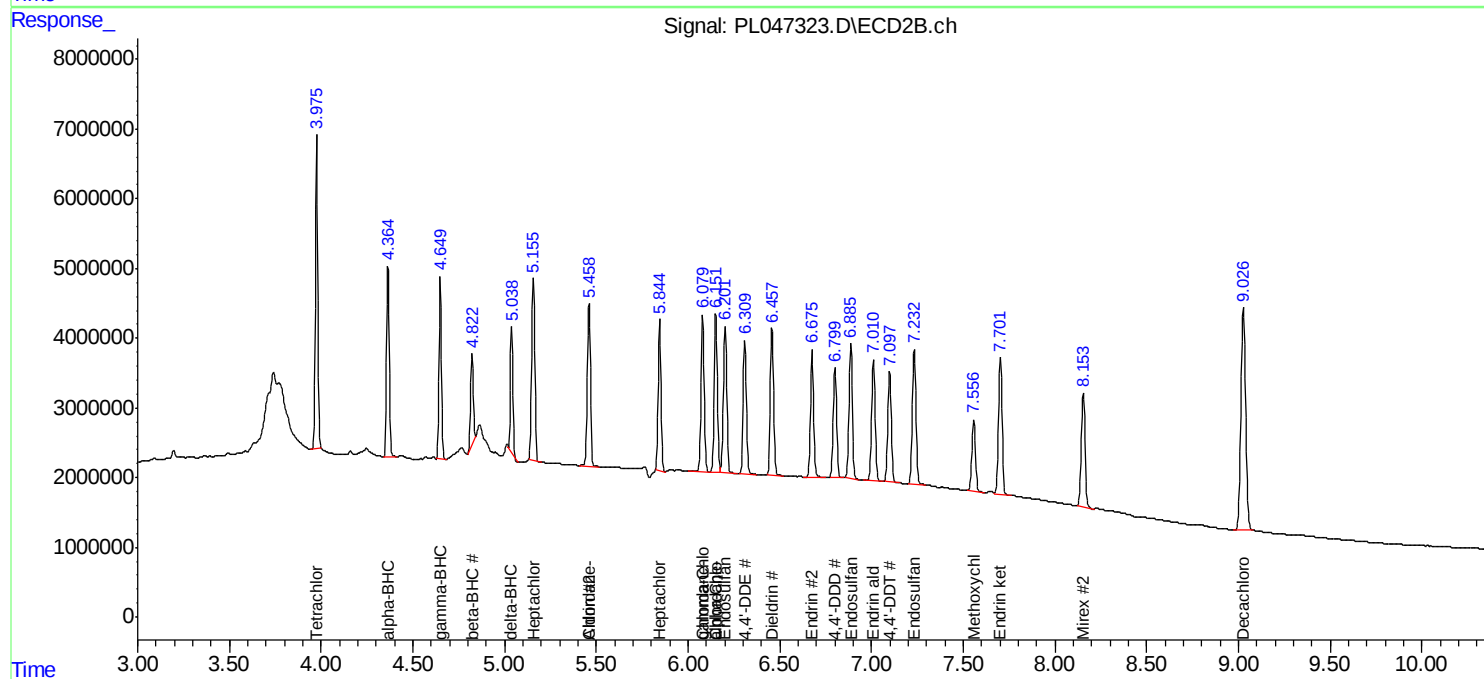
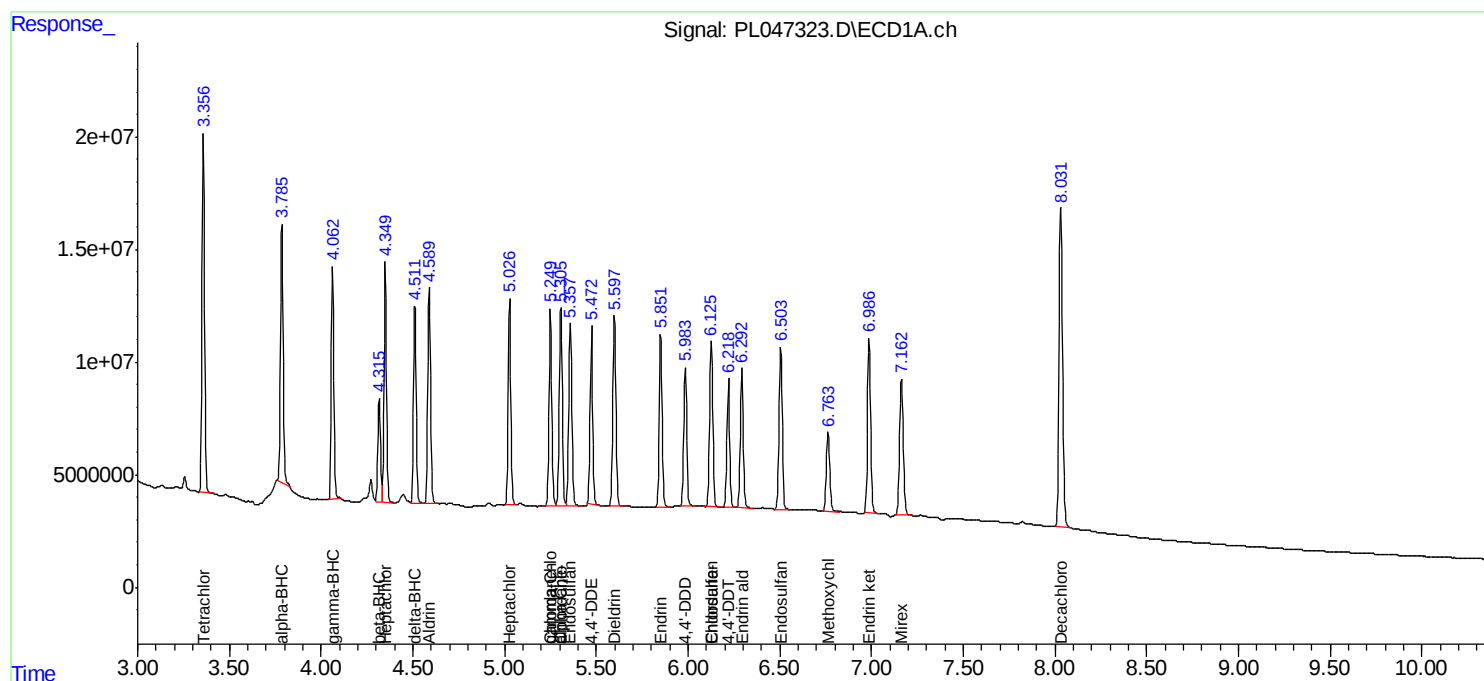
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

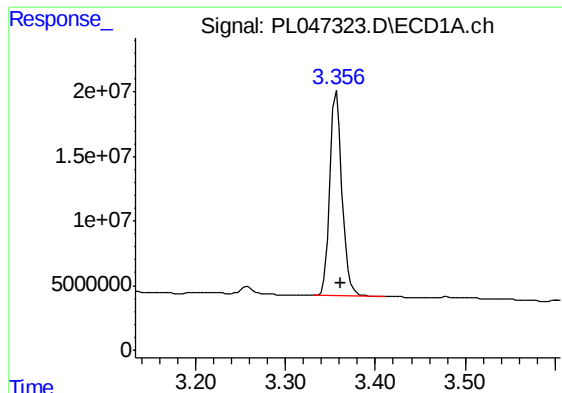
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
Data File : PL047323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 15:00
Operator : AJ\SJ
Sample : K2241-02
Misc : LOQ 10 PPB
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 23:25:05 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
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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

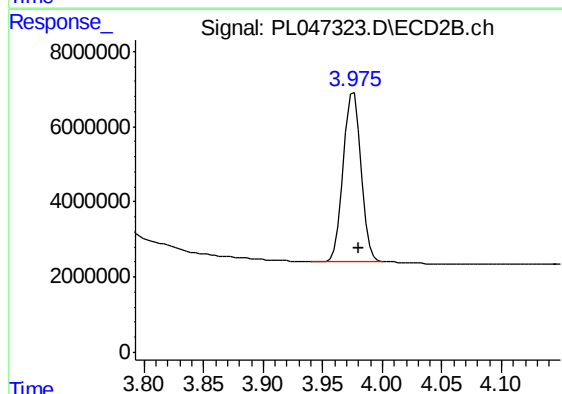




#1 Tetrachloro-m-xylene

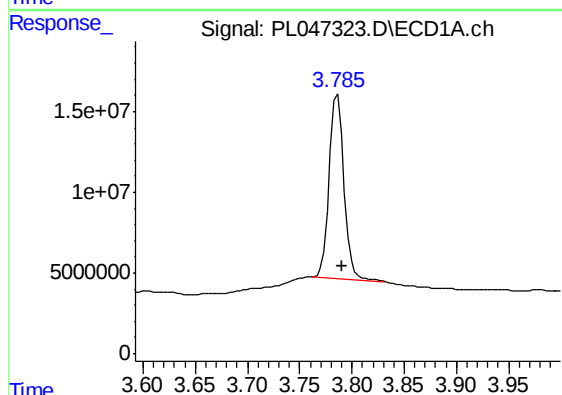
R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 150101371
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



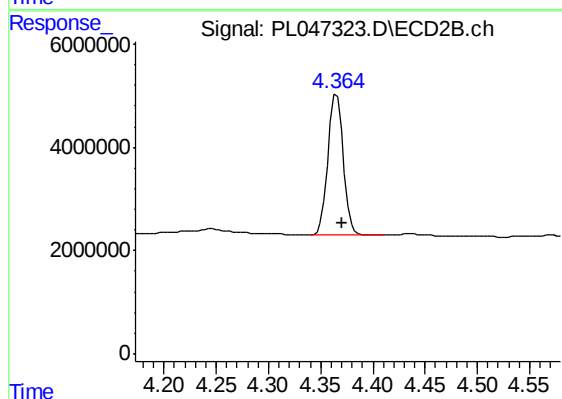
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 45926386
Conc: 20.06 ng/ml



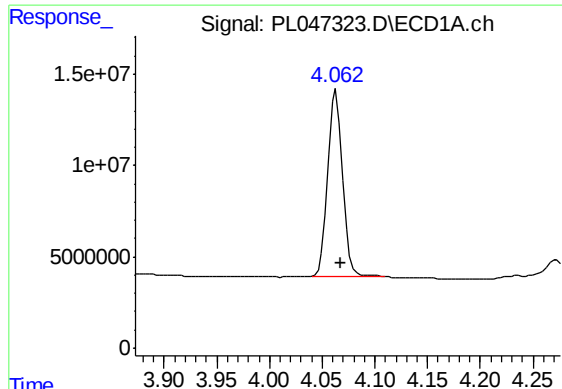
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.004 min
Response: 112096999
Conc: 9.61 ng/ml



#2 alpha-BHC

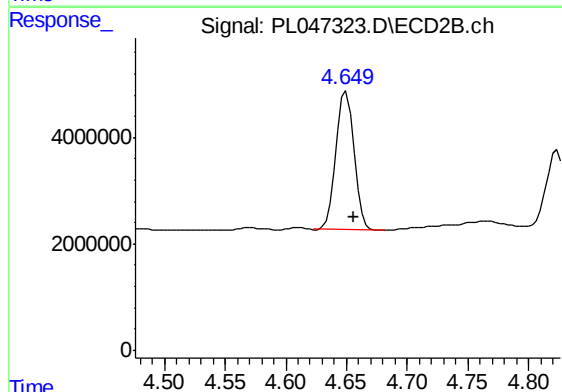
R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 27994948
Conc: 8.71 ng/ml



#3 gamma-BHC (Lindane)

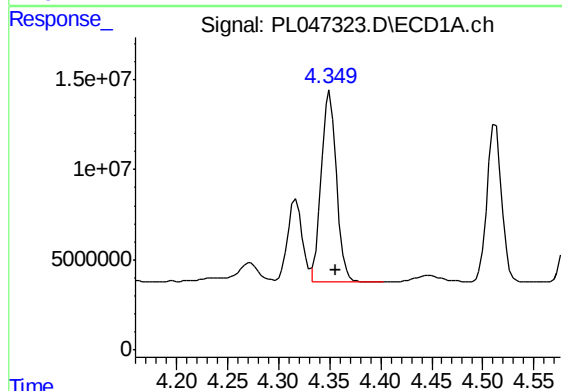
R.T.: 4.063 min
Delta R.T.: -0.005 min
Response: 99945949
Conc: 9.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



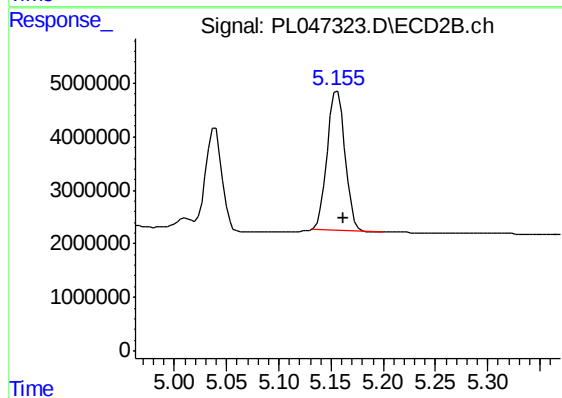
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.006 min
Response: 27113002
Conc: 9.06 ng/ml



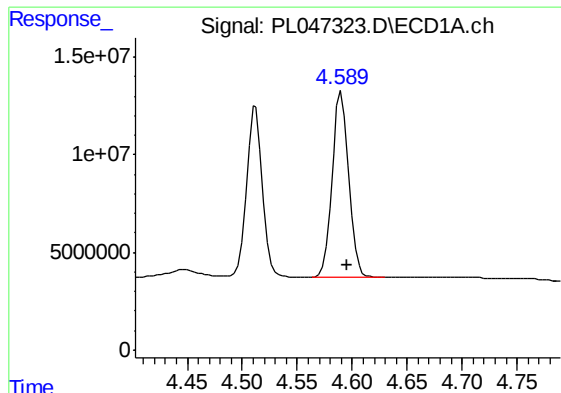
#4 Heptachlor

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 110725937
Conc: 10.04 ng/ml



#4 Heptachlor

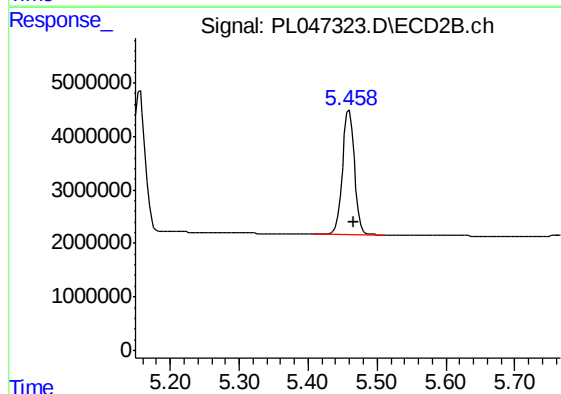
R.T.: 5.156 min
Delta R.T.: -0.006 min
Response: 31266608
Conc: 10.17 ng/ml



#5 Aldrin

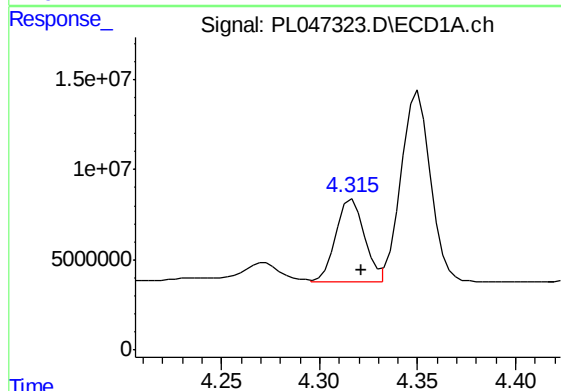
R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 99993251
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



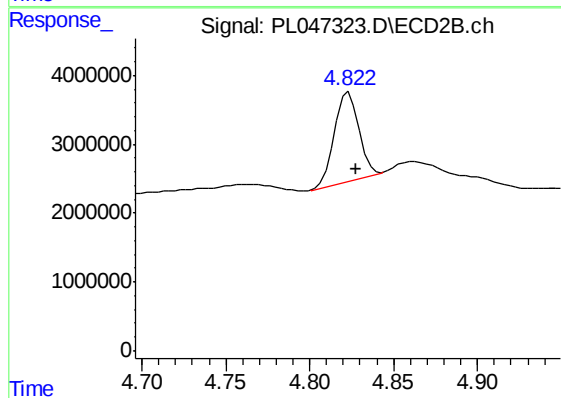
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 28232629
Conc: 9.85 ng/ml



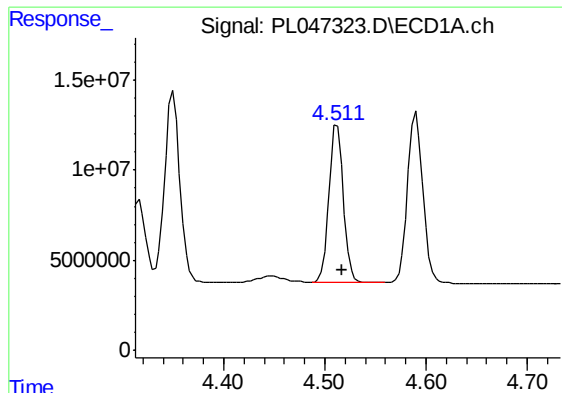
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 46043503
Conc: 10.23 ng/ml



#6 beta-BHC

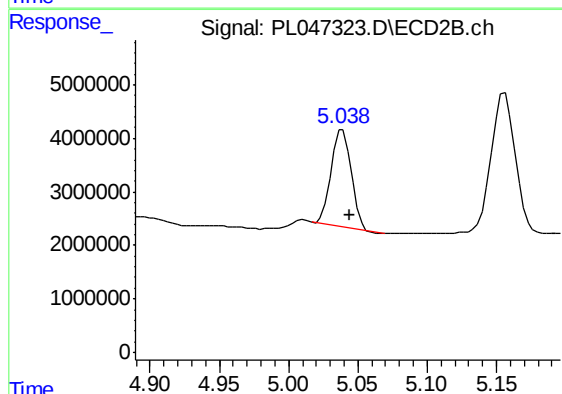
R.T.: 4.823 min
Delta R.T.: -0.004 min
Response: 12957973
Conc: 9.77 ng/ml



#7 delta-BHC

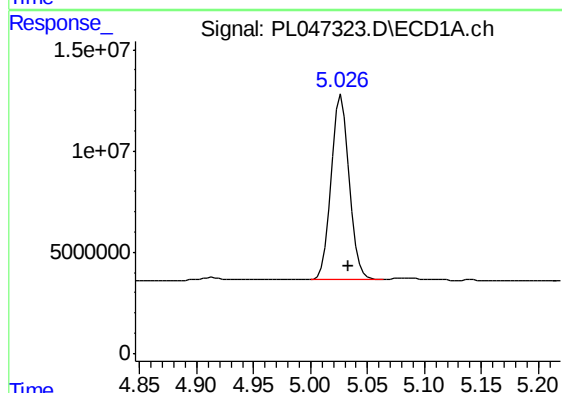
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 88029374
Conc: 8.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



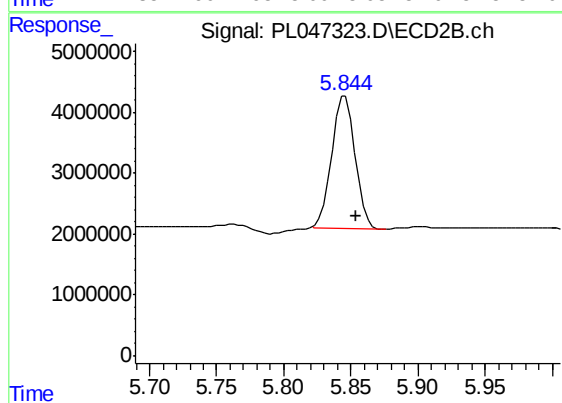
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 17944507
Conc: 7.73 ng/ml



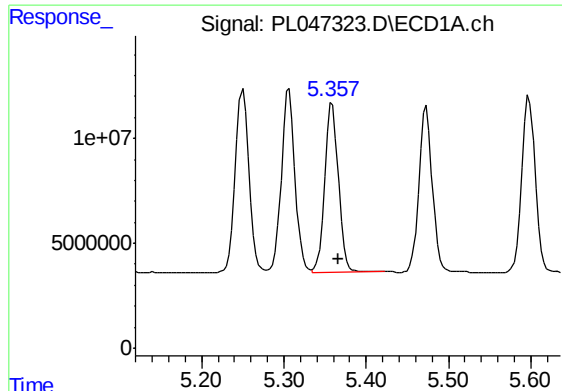
#8 Heptachlor epoxide

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 98875748
Conc: 10.14 ng/ml



#8 Heptachlor epoxide

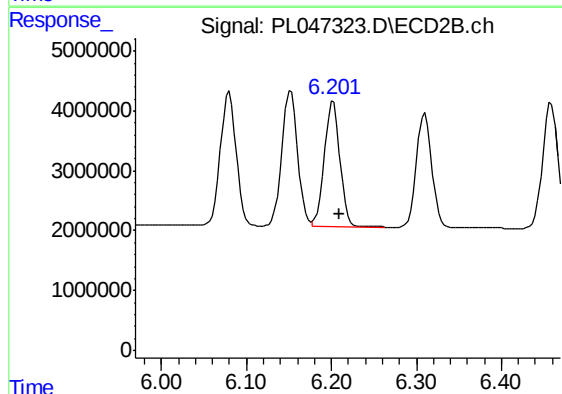
R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 26152998
Conc: 9.92 ng/ml



#9 Endosulfan I

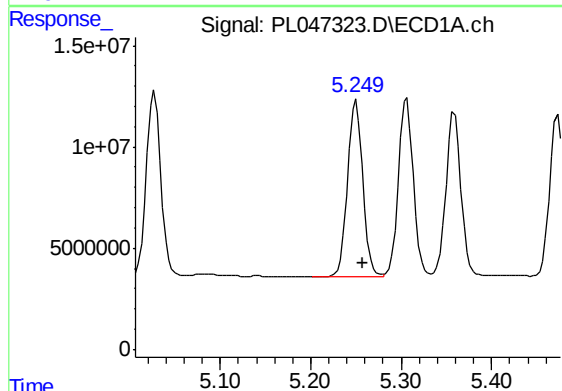
R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 93709242
Conc: 9.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



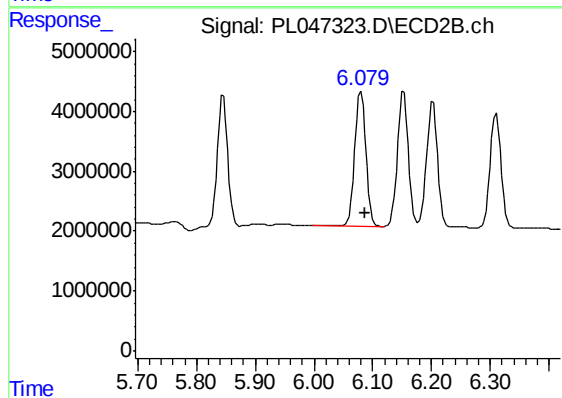
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 26851246
Conc: 10.29 ng/ml



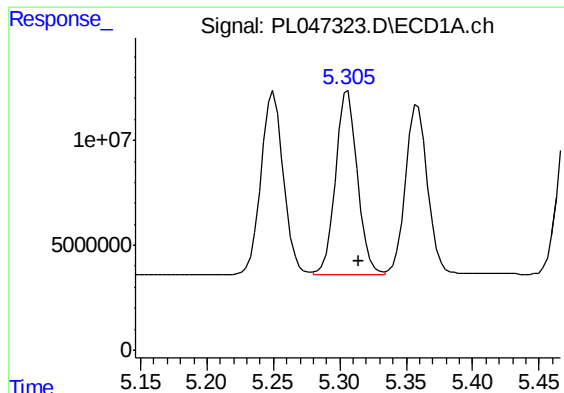
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 100986686
Conc: 9.83 ng/ml



#10 gamma-Chlordane

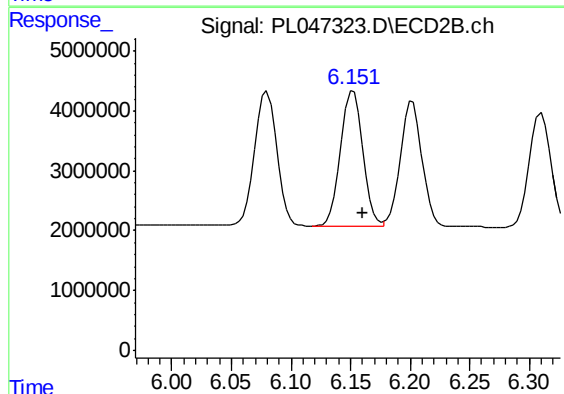
R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 29085896
Conc: 10.25 ng/ml



#11 alpha-Chlordane

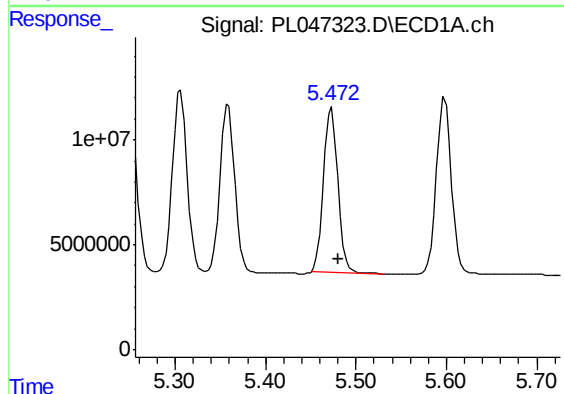
R.T.: 5.306 min
Delta R.T.: -0.008 min
Response: 101144707
Conc: 9.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



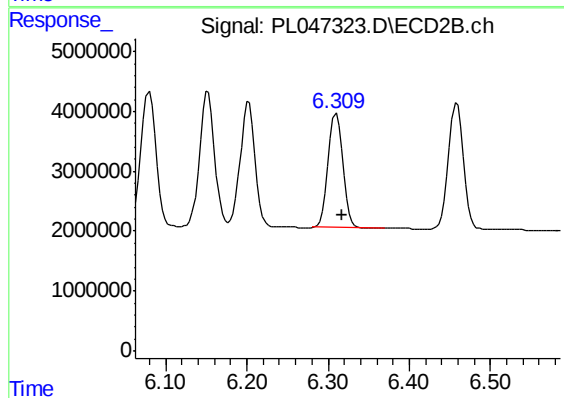
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 29279497
Conc: 10.32 ng/ml



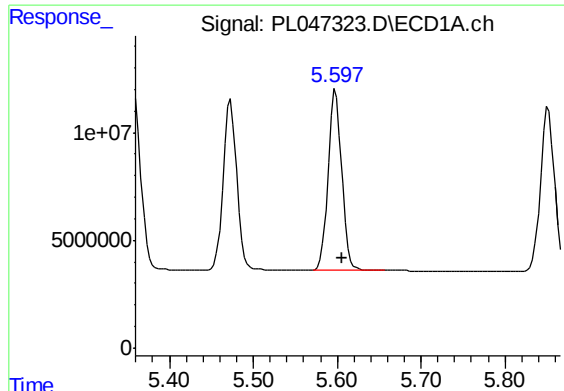
#12 4,4'-DDE

R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 86842235
Conc: 9.43 ng/ml



#12 4,4'-DDE

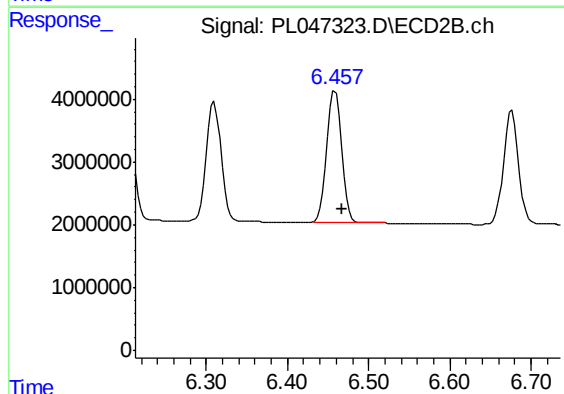
R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 24057342
Conc: 9.69 ng/ml



#13 Dielldrin

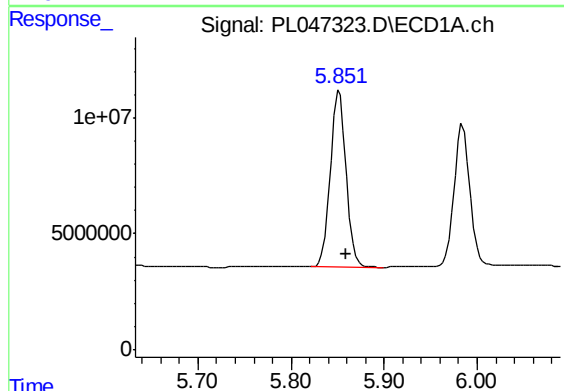
R.T.: 5.598 min
Delta R.T.: -0.008 min
Response: 95480962
Conc: 9.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



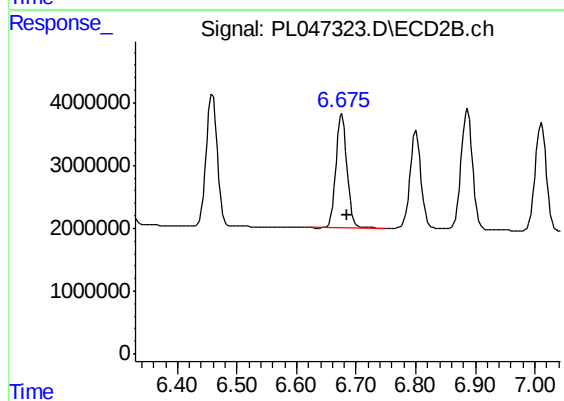
#13 Dielldrin

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 26526940
Conc: 9.79 ng/ml



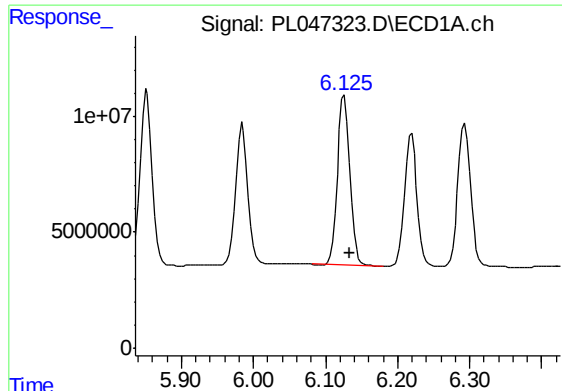
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.008 min
Response: 89538118
Conc: 9.51 ng/ml



#14 Endrin

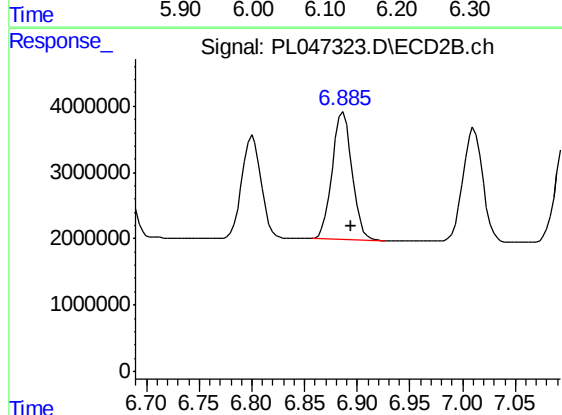
R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 23777485
Conc: 9.95 ng/ml



#15 Endosulfan II

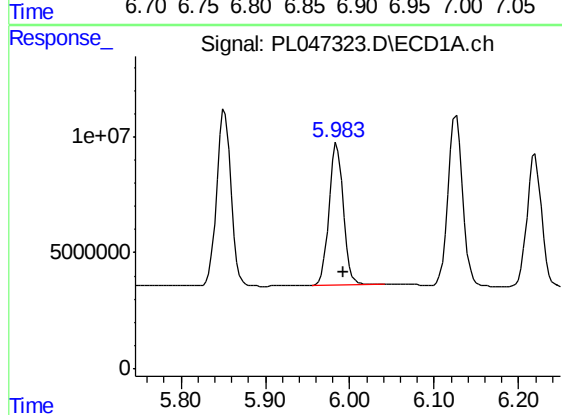
R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 87754358
Conc: 9.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



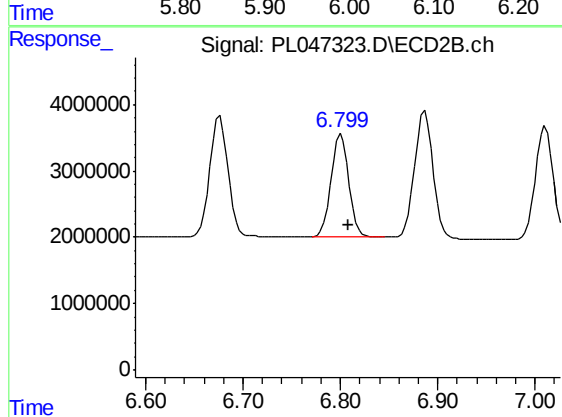
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: -0.008 min
Response: 25028025
Conc: 10.37 ng/ml



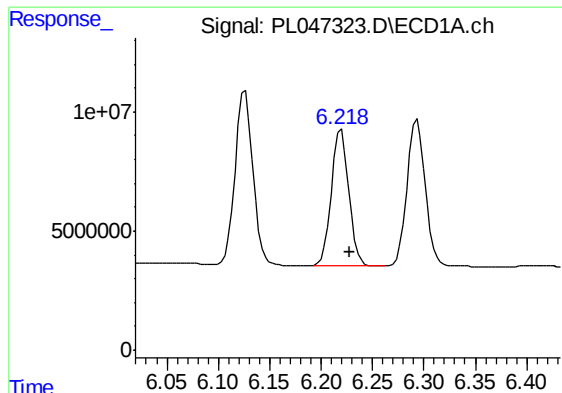
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 71717527
Conc: 9.49 ng/ml



#16 4,4'-DDD

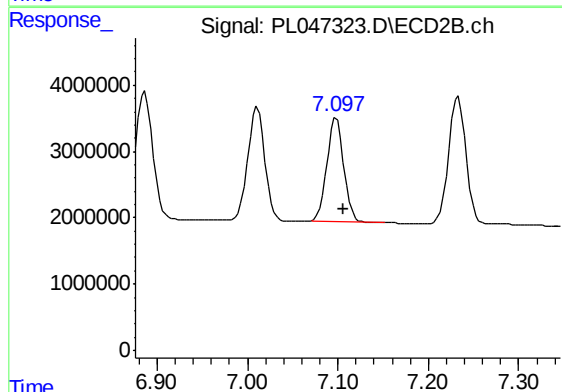
R.T.: 6.801 min
Delta R.T.: -0.008 min
Response: 19810403
Conc: 9.85 ng/ml



#17 4,4'-DDT

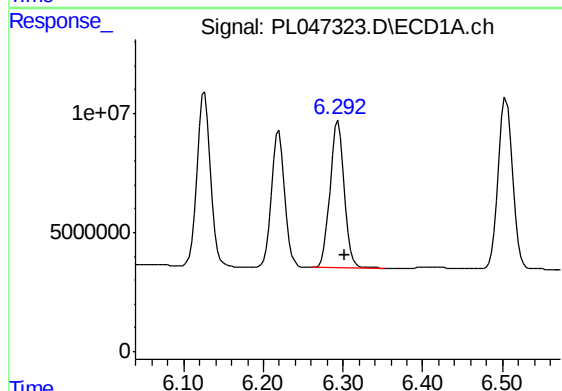
R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 67775933
Conc: 8.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



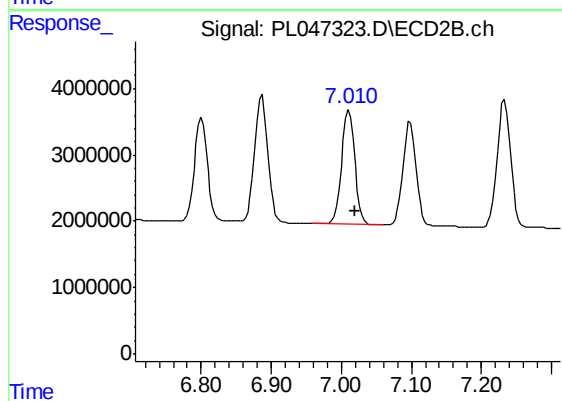
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: -0.008 min
Response: 20148664
Conc: 9.61 ng/ml



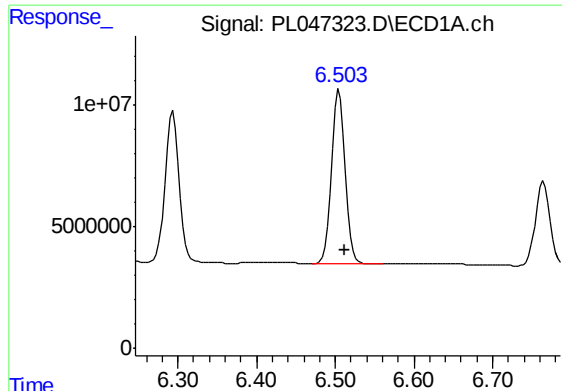
#18 Endrin aldehyde

R.T.: 6.294 min
Delta R.T.: -0.008 min
Response: 76466822
Conc: 10.20 ng/ml



#18 Endrin aldehyde

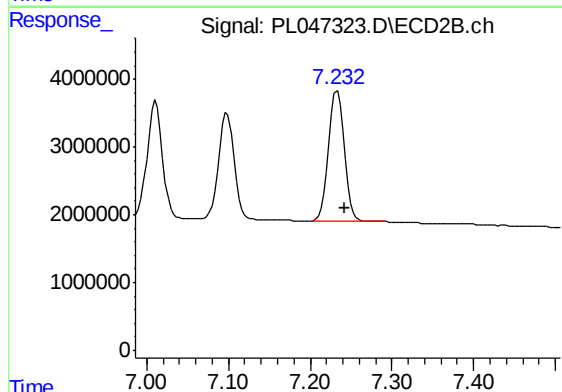
R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 22498568
Conc: 10.59 ng/ml



#19 Endosulfan Sulfate

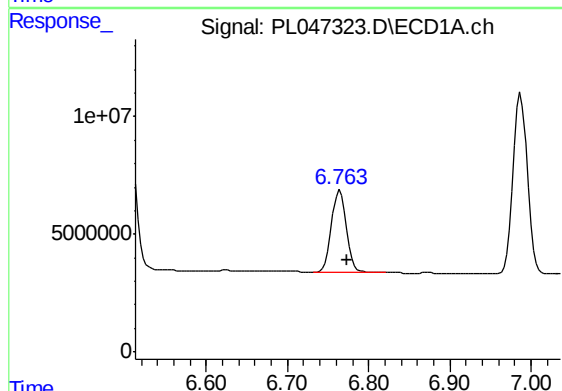
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 87522256
Conc: 10.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



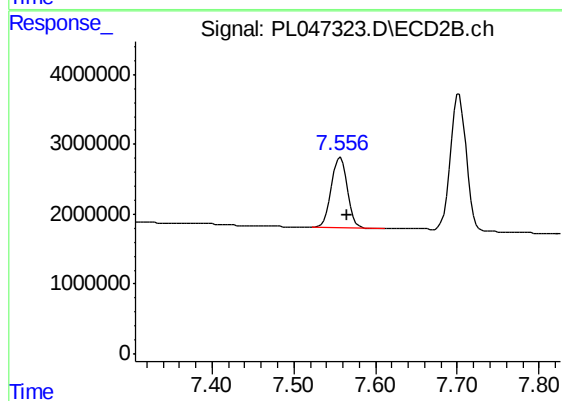
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.008 min
Response: 25771867
Conc: 10.92 ng/ml



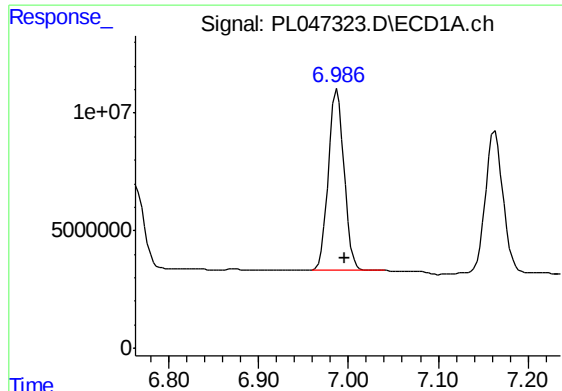
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 44682244
Conc: 10.51 ng/ml



#20 Methoxychlor

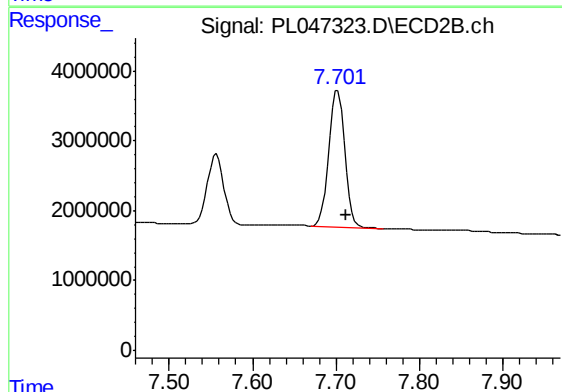
R.T.: 7.557 min
Delta R.T.: -0.008 min
Response: 13892759
Conc: 10.90 ng/ml



#21 Endrin ketone

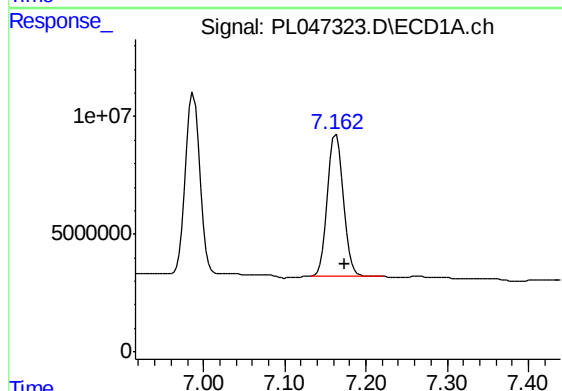
R.T.: 6.988 min
Delta R.T.: -0.009 min
Response: 94190573
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



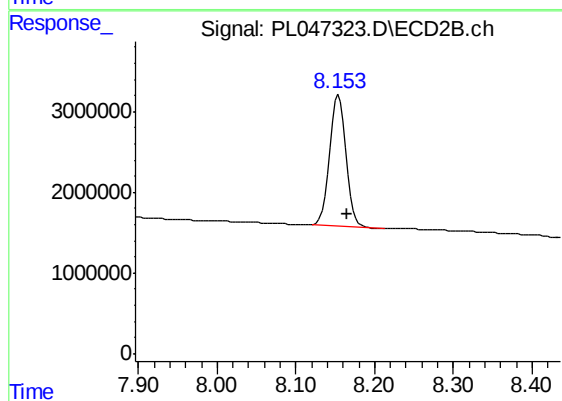
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.009 min
Response: 26519238
Conc: 10.67 ng/ml



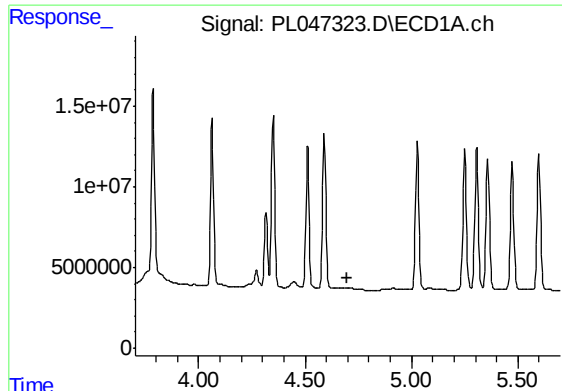
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 81981275
Conc: 11.25 ng/ml



#22 Mirex

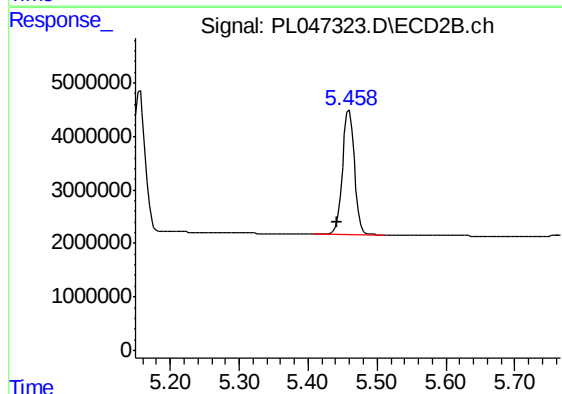
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 24066321
Conc: 12.03 ng/ml



#24 Chlordane-2

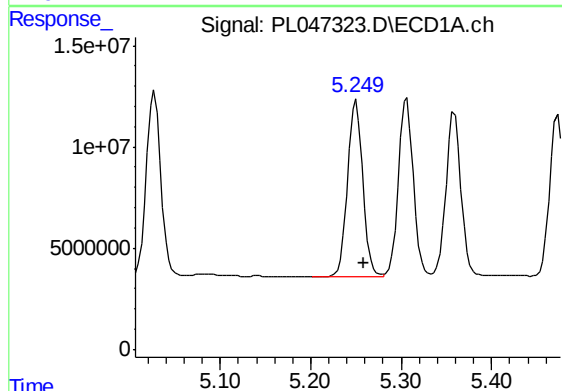
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



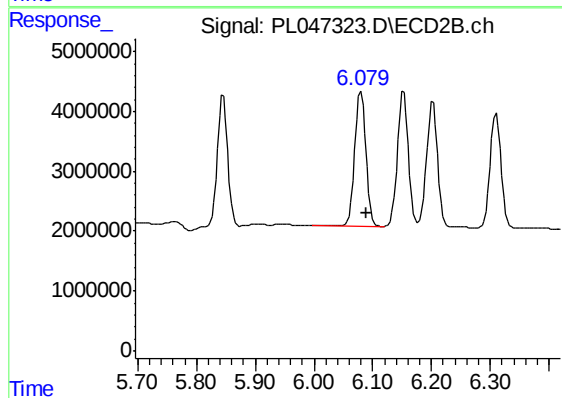
#24 Chlordane-2

R.T.: 5.460 min
Delta R.T.: 0.017 min
Response: 28232629
Conc: 241.70 ng/ml



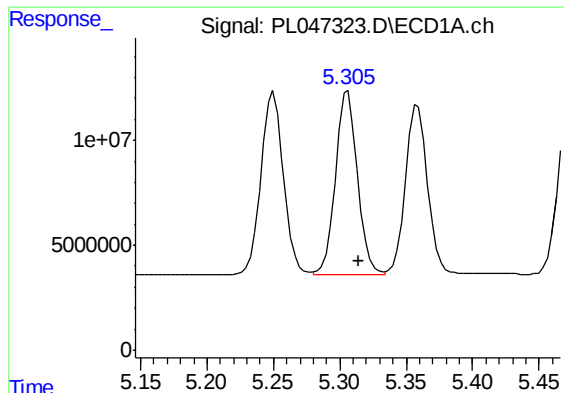
#25 Chlordane-3

R.T.: 5.250 min
Delta R.T.: -0.008 min
Response: 100986686
Conc: 90.68 ng/ml



#25 Chlordane-3

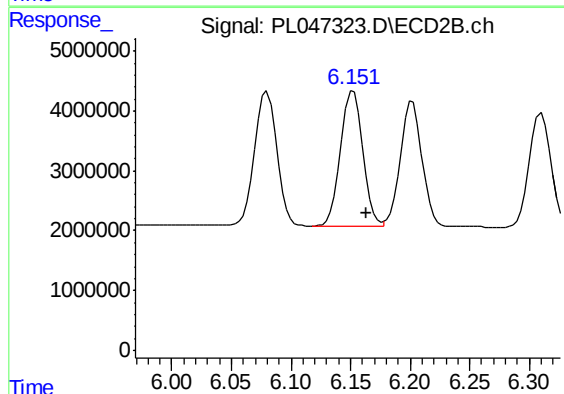
R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 29085896
Conc: 76.29 ng/ml



#26 Chlordane-4

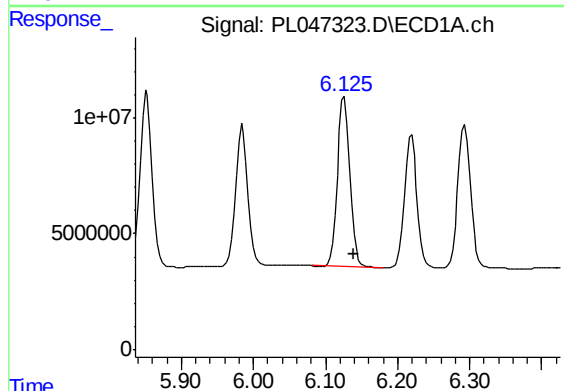
R.T.: 5.306 min
Delta R.T.: -0.008 min
Response: 101144707
Conc: 97.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



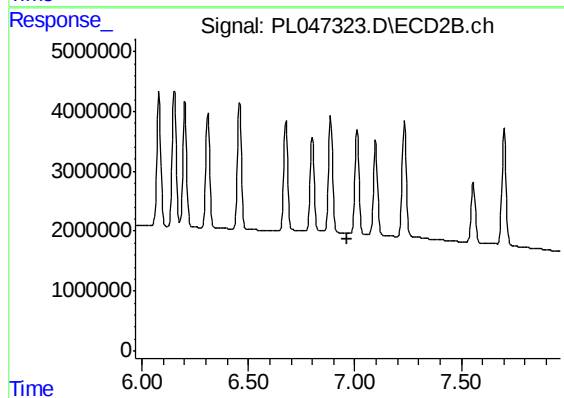
#26 Chlordane-4

R.T.: 6.152 min
Delta R.T.: -0.011 min
Response: 29279497
Conc: 63.45 ng/ml



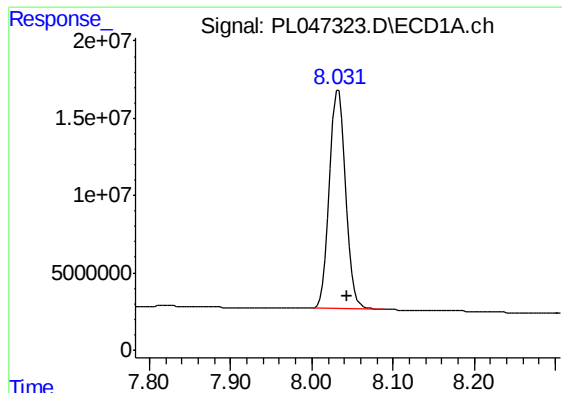
#27 Chlordane-5

R.T.: 6.126 min
Delta R.T.: -0.013 min
Response: 87754358
Conc: 257.14 ng/ml



#27 Chlordane-5

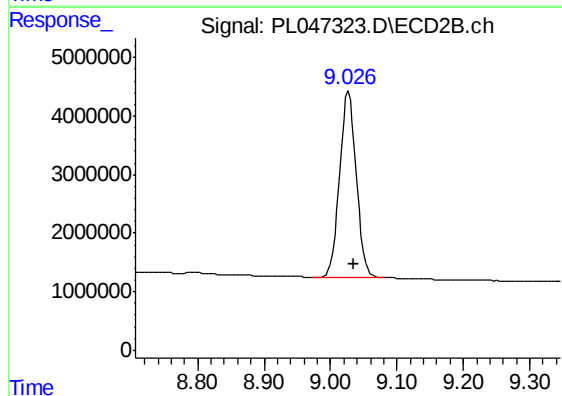
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 196101516
Conc: 23.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2019



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: -0.008 min
Response: 55404952
Conc: 23.90 ng/ml