

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072718\
 Data File : PL038677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2018 19:01
 Operator : AJ\SJ
 Sample : J4152-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LA-SOIL-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 22:54:15 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 14 00:12:12 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

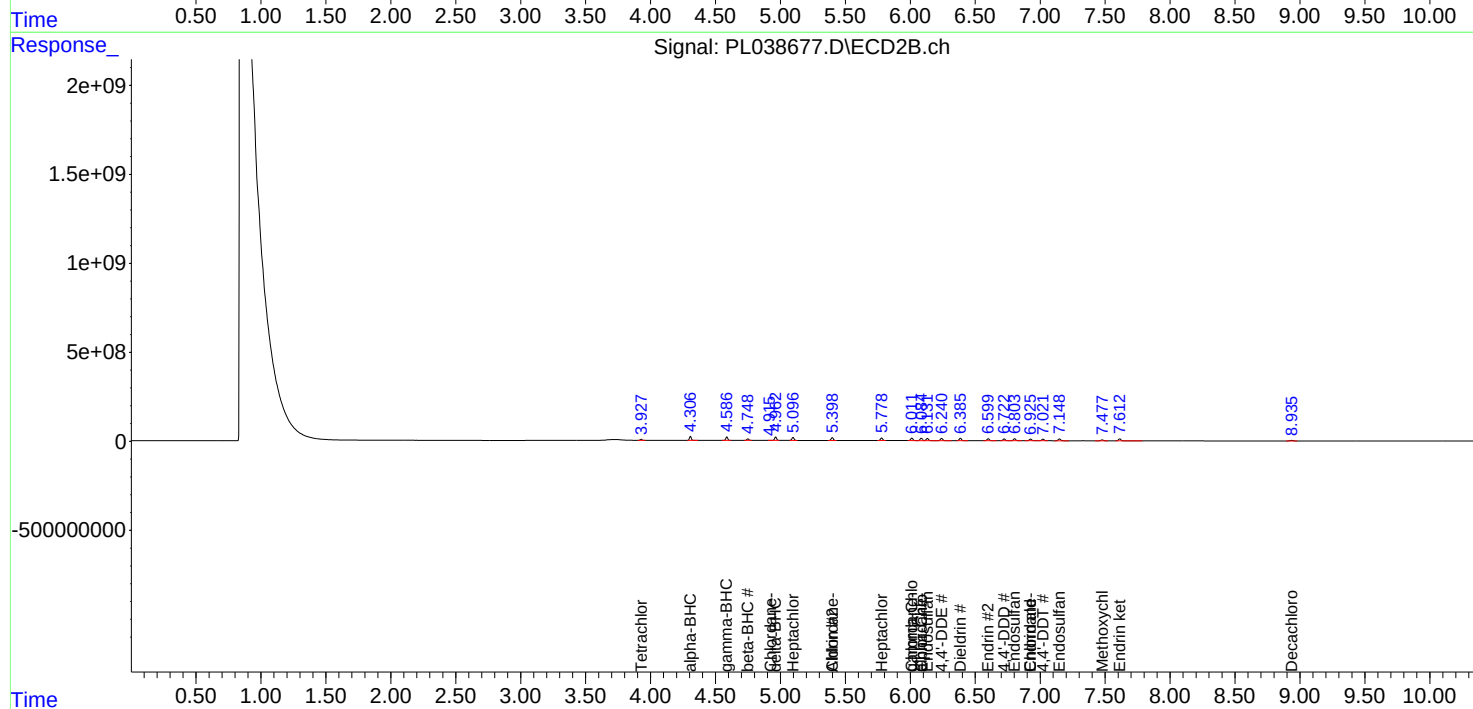
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

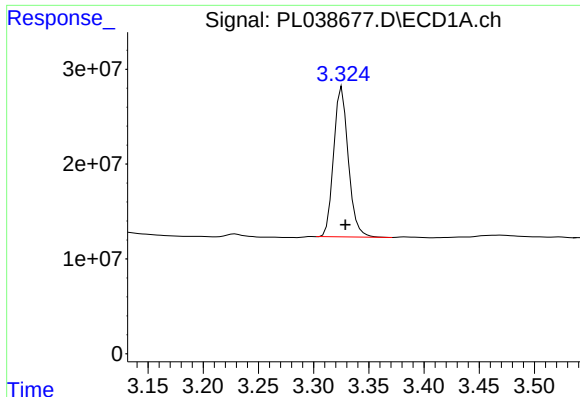
System Monitoring Compounds							
1)	SA Tetrachlo...	3.326	3.928	145.9E6	58933523	19.599	22.451
28)	SA Decachlor...	7.994	8.937	152.8E6	56175024	20.140	22.981
Target Compounds							
2)	A alpha-BHC	3.755	4.308	606.8E6	235.9E6	51.361	60.957
3)	MA gamma-BHC...	4.031	4.587	534.7E6	208.4E6	51.000	57.698
4)	MA Heptachlor	4.314	5.098	529.8E6	202.2E6	49.808	63.276 #
5)	MB Aldrin	4.553	5.400	527.3E6	188.2E6	50.380	60.990
6)	B beta-BHC	4.285	4.750	238.9E6	93068056	50.608	61.355
7)	B delta-BHC	4.479	4.964	562.1E6	208.7E6	51.791	62.935
8)	B Heptachlo...	4.990	5.780	496.5E6	173.3E6	52.659	60.998
9)	A Endosulfan I	5.320	6.132	464.3E6	155.3E6	53.682	60.397
10)	B gamma-Chl...	5.212	6.012	518.4E6	171.7E6	52.452	59.237
11)	B alpha-Chl...	5.269	6.086	502.0E6	171.7E6	53.038	59.907
12)	B 4,4'-DDE	5.437	6.242	504.3E6	163.8E6	52.595	61.269
13)	MA Dieldrin	5.560	6.386	491.1E6	166.4E6	51.099	61.139
14)	MA Endrin	5.813	6.601	480.1E6	145.2E6	55.260	60.799
15)	B Endosulfa...	6.088	6.804	445.2E6	143.6E6	56.146	59.802
16)	A 4,4'-DDD	5.948	6.724	436.8E6	128.5E6	59.549	60.020
17)	MA 4,4'-DDT	6.182	7.022	397.6E6	123.9E6	53.516	58.104
18)	B Endrin al...	6.256	6.927	361.4E6	123.0E6	56.752	63.008
19)	B Endosulfa...	6.467	7.149	437.6E6	136.3E6	57.931	62.511
20)	A Methoxychlor	6.731	7.478	214.5E6	70715533	55.756	62.104
21)	B Endrin ke...	6.950	7.613	473.4E6	147.9E6	60.336	62.059
23)	Chlordane-1	4.100	4.917	29221068	13408	84.393	0.116 #
24)	Chlordane-2	0.000	5.400	0	188.2E6	N.D.	1571.848 #
25)	Chlordane-3	5.212	6.012	518.4E6	171.7E6	445.650	421.039
26)	Chlordane-4	5.269	6.086	502.0E6	171.7E6	477.508	349.486 #
27)	Chlordane-5	5.948	6.927	436.8E6	123.0E6	2727.904	1372.554 #

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

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

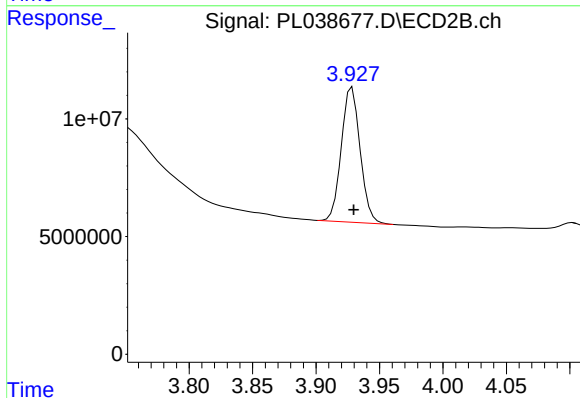




#1 Tetrachloro-m-xylene

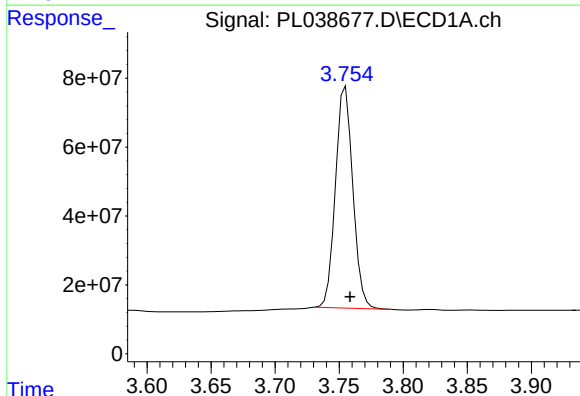
R.T.: 3.326 min
Delta R.T.: -0.003 min
Response: 145940573
Conc: 19.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



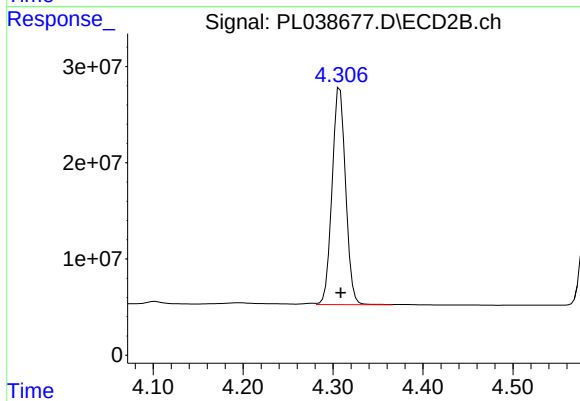
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 58933523
Conc: 22.45 ng/ml



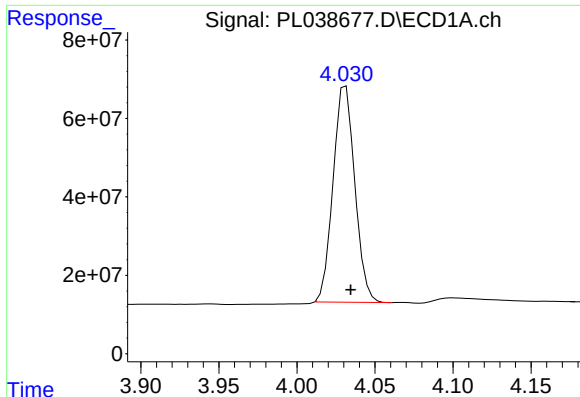
#2 alpha-BHC

R.T.: 3.755 min
Delta R.T.: -0.003 min
Response: 606844653
Conc: 51.36 ng/ml



#2 alpha-BHC

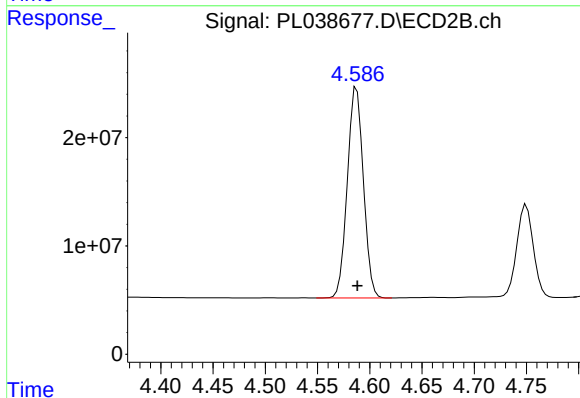
R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 235913550
Conc: 60.96 ng/ml



#3 gamma-BHC (Lindane)

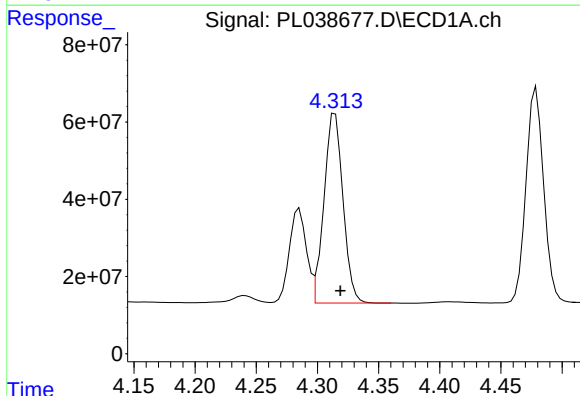
R.T.: 4.031 min
Delta R.T.: -0.003 min
Response: 534675332
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



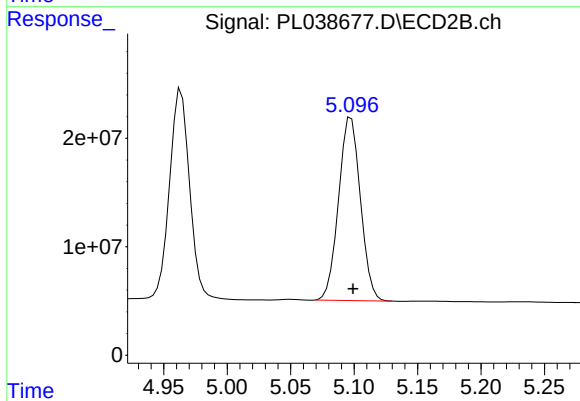
#3 gamma-BHC (Lindane)

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 208394291
Conc: 57.70 ng/ml



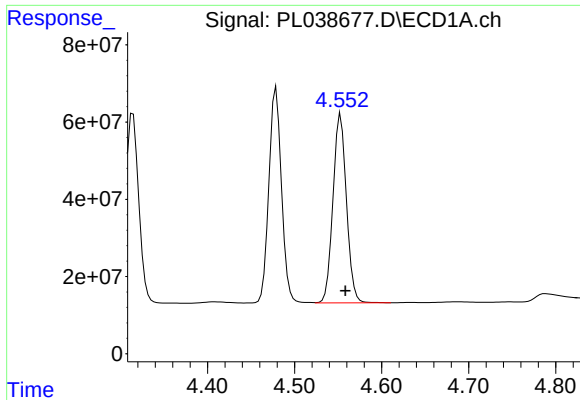
#4 Heptachlor

R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 529825402
Conc: 49.81 ng/ml



#4 Heptachlor

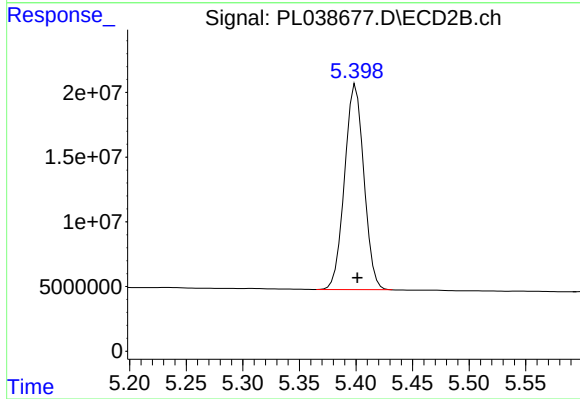
R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 202245692
Conc: 63.28 ng/ml



#5 Aldrin

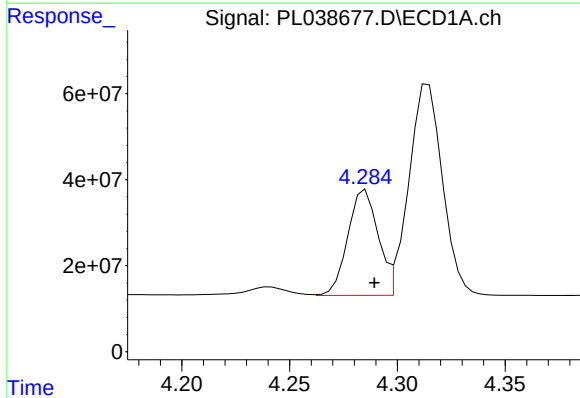
R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 527339832
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



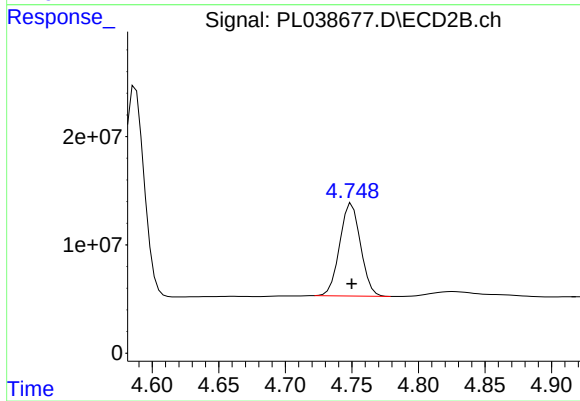
#5 Aldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 188228950
Conc: 60.99 ng/ml



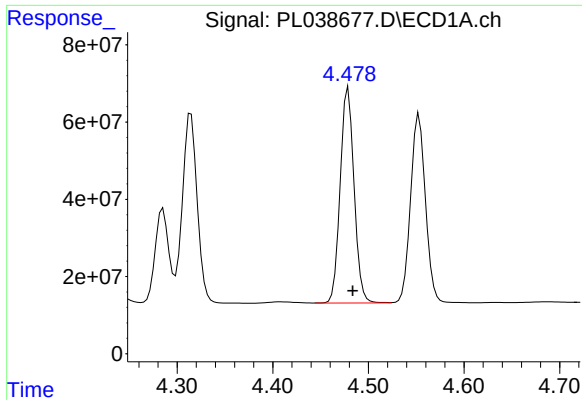
#6 beta-BHC

R.T.: 4.285 min
Delta R.T.: -0.004 min
Response: 238885188
Conc: 50.61 ng/ml



#6 beta-BHC

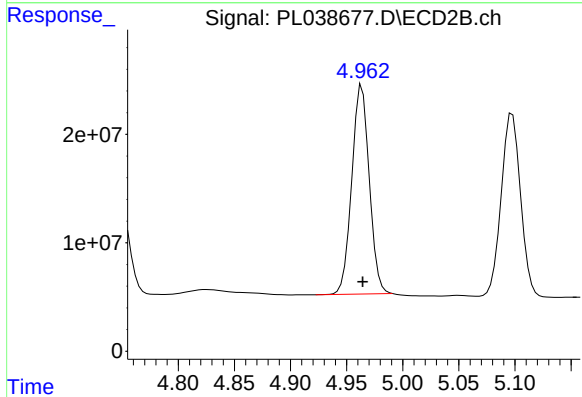
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 93068056
Conc: 61.35 ng/ml



#7 delta-BHC

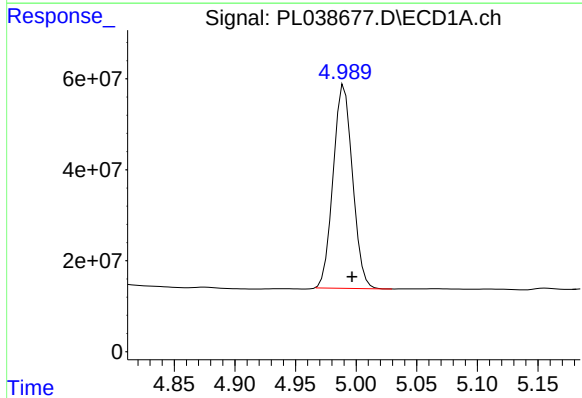
R.T.: 4.479 min
Delta R.T.: -0.005 min
Response: 562143267
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



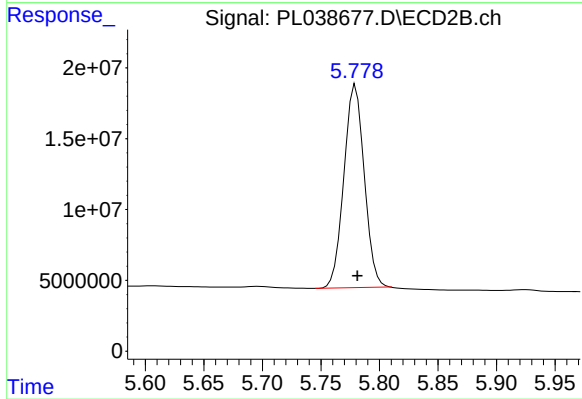
#7 delta-BHC

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 208731454
Conc: 62.94 ng/ml



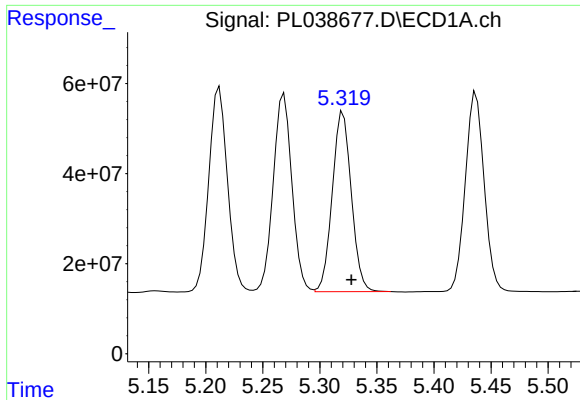
#8 Heptachlor epoxide

R.T.: 4.990 min
Delta R.T.: -0.007 min
Response: 496492205
Conc: 52.66 ng/ml



#8 Heptachlor epoxide

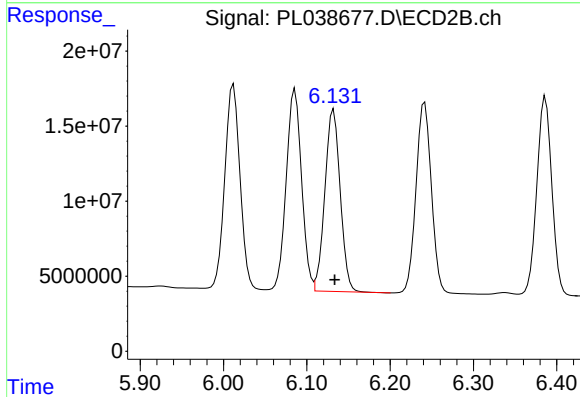
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 173349704
Conc: 61.00 ng/ml



#9 Endosulfan I

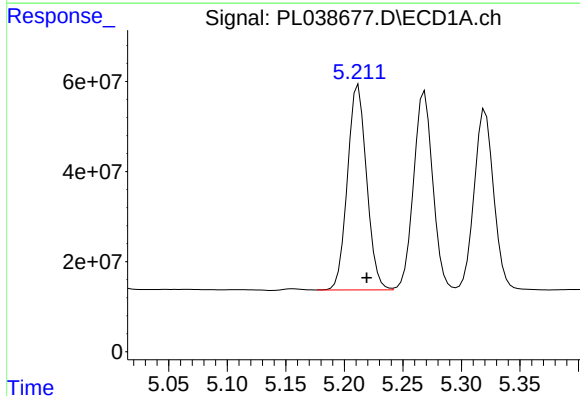
R.T.: 5.320 min
Delta R.T.: -0.007 min
Response: 464332200
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



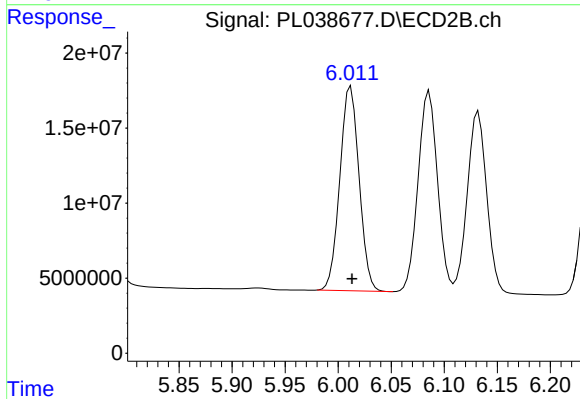
#9 Endosulfan I

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 155328135
Conc: 60.40 ng/ml



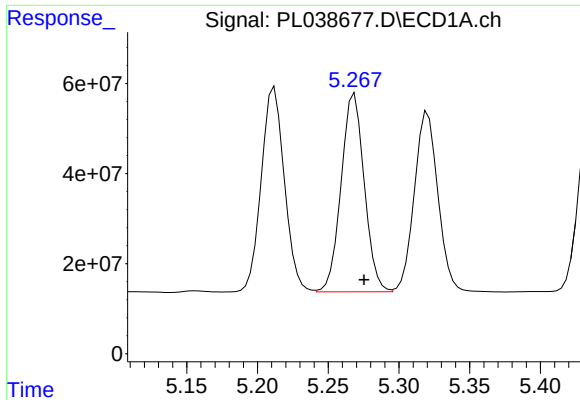
#10 gamma-Chlordane

R.T.: 5.212 min
Delta R.T.: -0.007 min
Response: 518438139
Conc: 52.45 ng/ml



#10 gamma-Chlordane

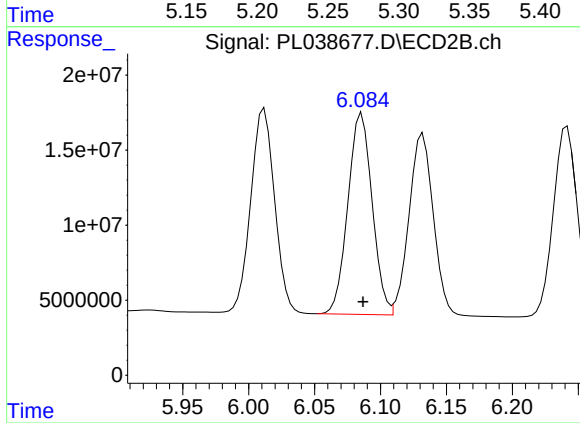
R.T.: 6.012 min
Delta R.T.: -0.001 min
Response: 171741878
Conc: 59.24 ng/ml



#11 alpha-Chlordane

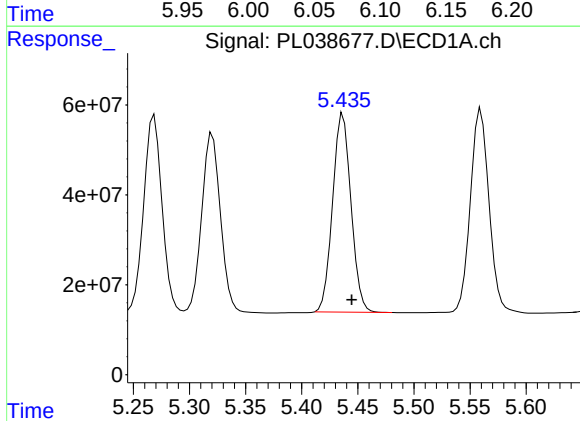
R.T.: 5.269 min
Delta R.T.: -0.007 min
Response: 502042735
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



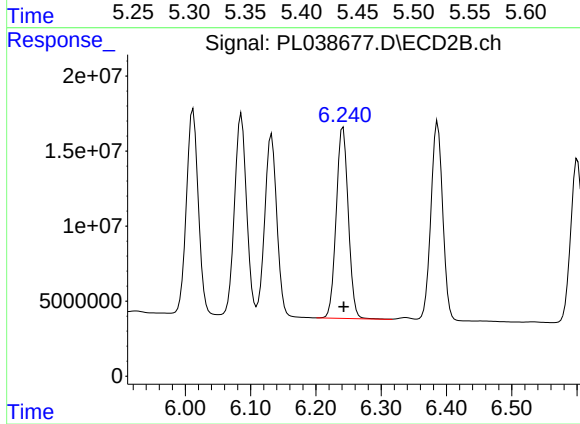
#11 alpha-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 171707108
Conc: 59.91 ng/ml



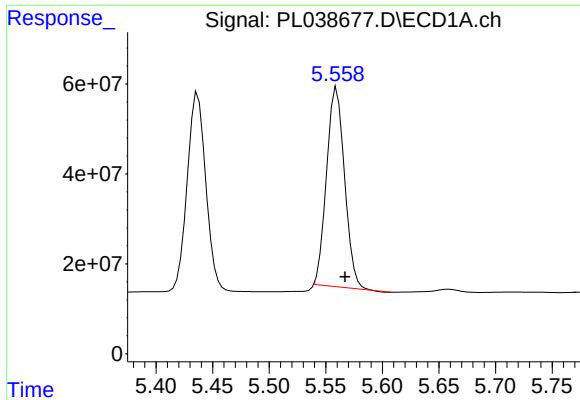
#12 4,4'-DDE

R.T.: 5.437 min
Delta R.T.: -0.008 min
Response: 504268547
Conc: 52.59 ng/ml



#12 4,4'-DDE

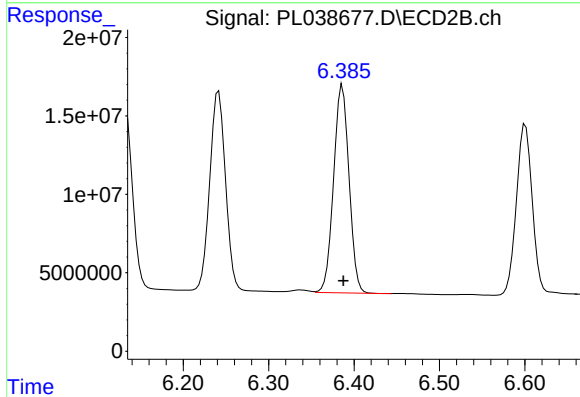
R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 163838499
Conc: 61.27 ng/ml



#13 Dieldrin

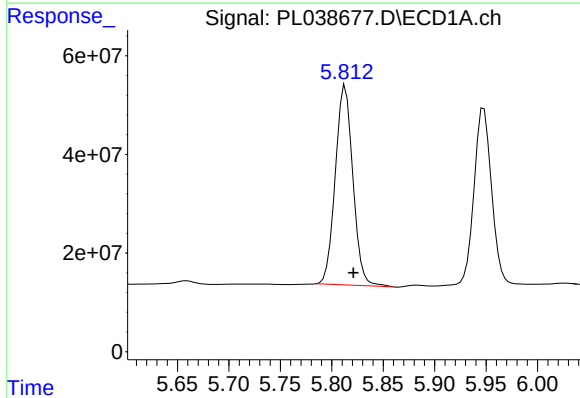
R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 491071164
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



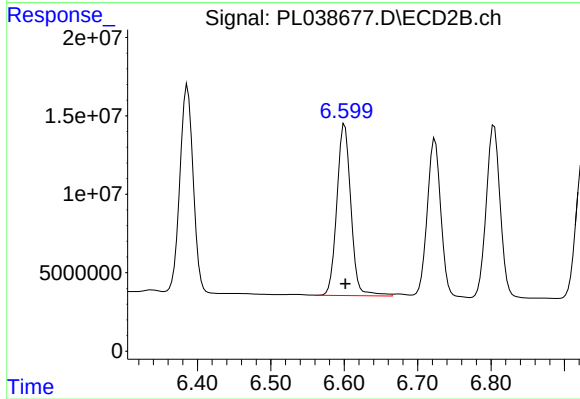
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 166406945
Conc: 61.14 ng/ml



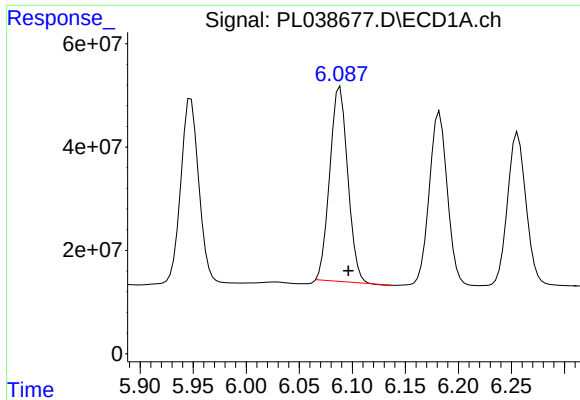
#14 Endrin

R.T.: 5.813 min
Delta R.T.: -0.008 min
Response: 480118245
Conc: 55.26 ng/ml



#14 Endrin

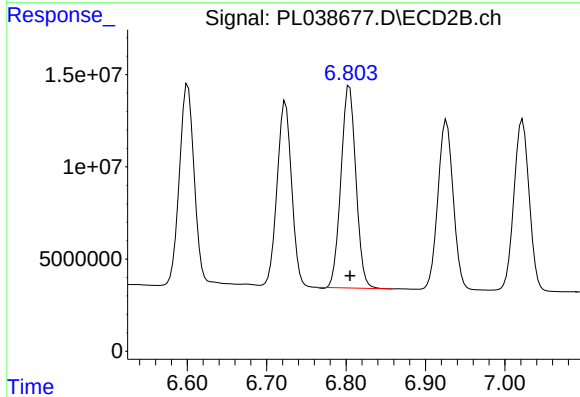
R.T.: 6.601 min
Delta R.T.: -0.001 min
Response: 145195890
Conc: 60.80 ng/ml



#15 Endosulfan II

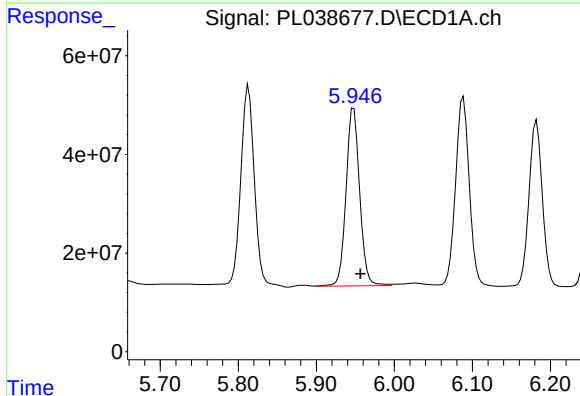
R.T.: 6.088 min
Delta R.T.: -0.008 min
Response: 445241230
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



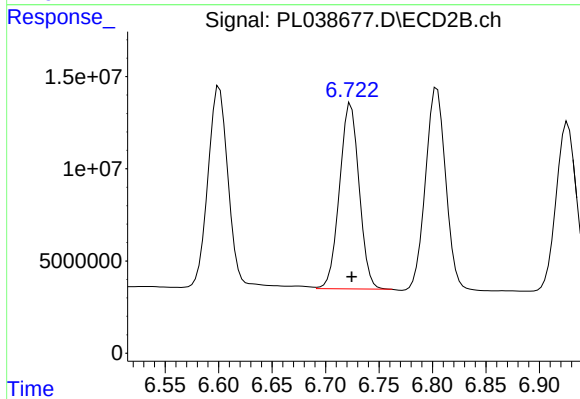
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 143608653
Conc: 59.80 ng/ml



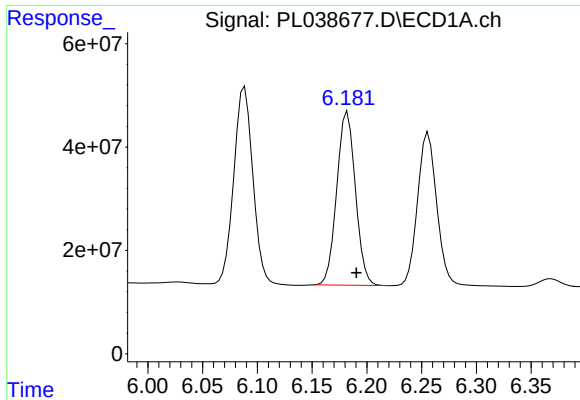
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.009 min
Response: 436827903
Conc: 59.55 ng/ml



#16 4,4'-DDD

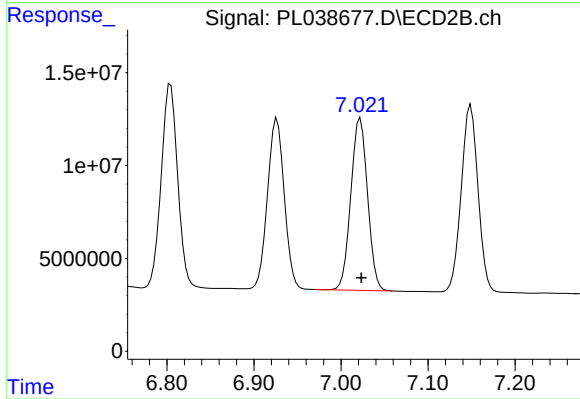
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 128467709
Conc: 60.02 ng/ml



#17 4,4'-DDT

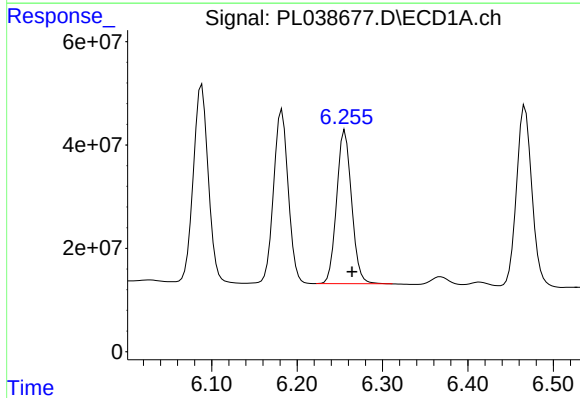
R.T.: 6.182 min
Delta R.T.: -0.008 min
Response: 397556117
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



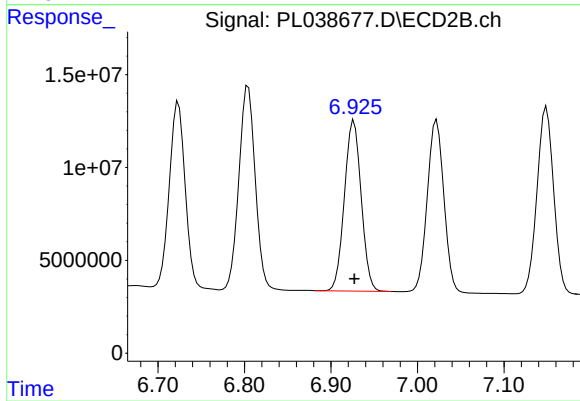
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 123880715
Conc: 58.10 ng/ml



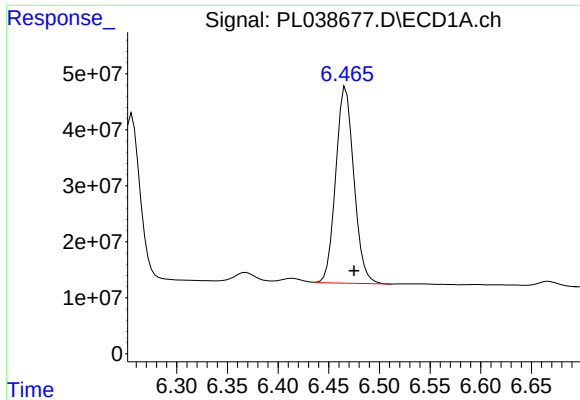
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: -0.008 min
Response: 361375577
Conc: 56.75 ng/ml



#18 Endrin aldehyde

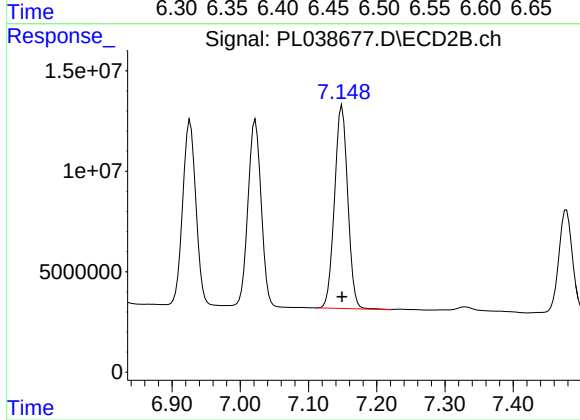
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 122952677
Conc: 63.01 ng/ml



#19 Endosulfan Sulfate

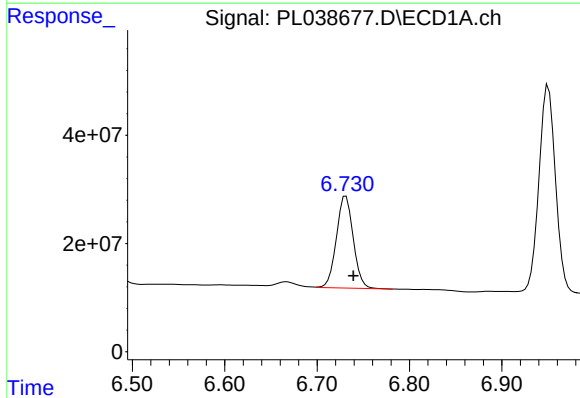
R.T.: 6.467 min
Delta R.T.: -0.008 min
Response: 437570211
Conc: 57.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



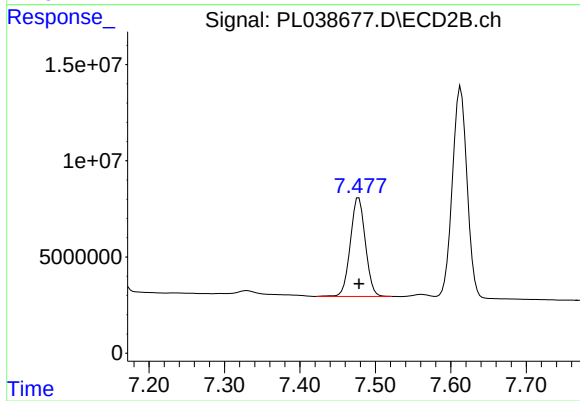
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 136260391
Conc: 62.51 ng/ml



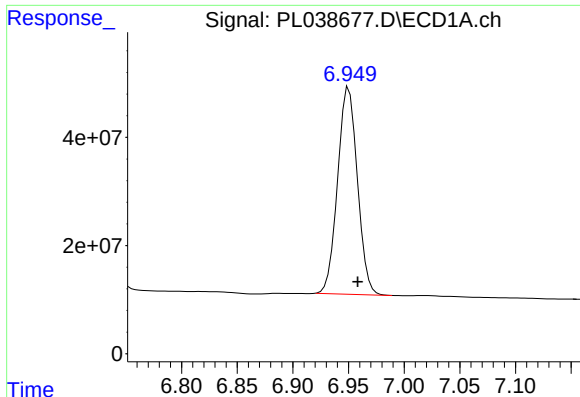
#20 Methoxychlor

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 214518401
Conc: 55.76 ng/ml



#20 Methoxychlor

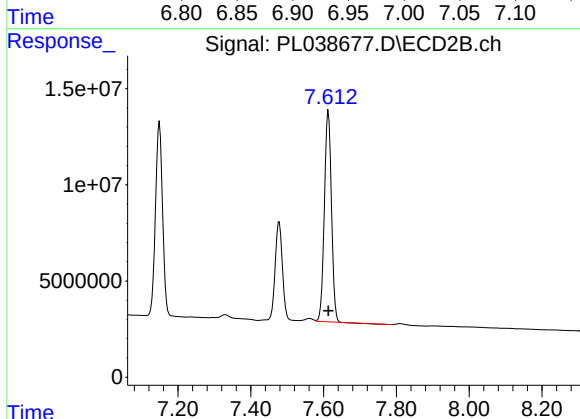
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 70715533
Conc: 62.10 ng/ml



#21 Endrin ketone

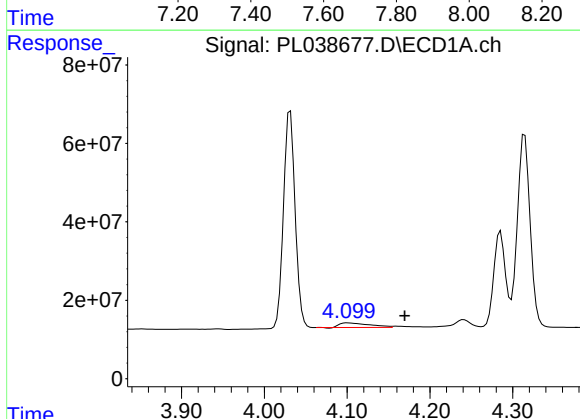
R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 473388523
Conc: 60.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



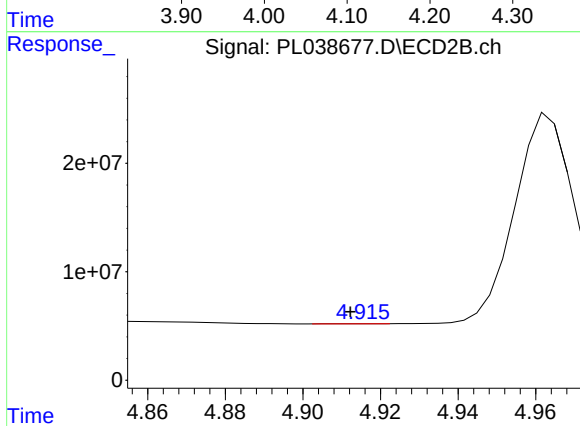
#21 Endrin ketone

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 147920274
Conc: 62.06 ng/ml



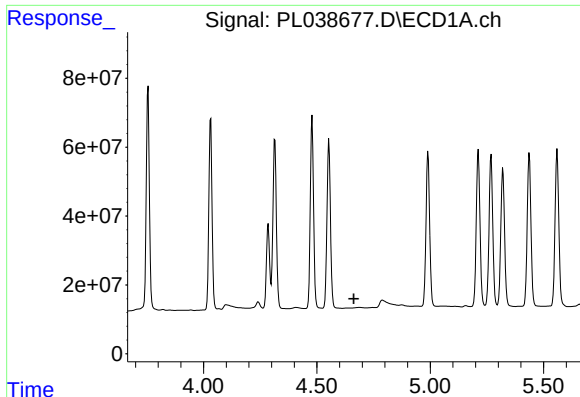
#23 Chlordane-1

R.T.: 4.100 min
Delta R.T.: -0.069 min
Response: 29221068
Conc: 84.39 ng/ml



#23 Chlordane-1

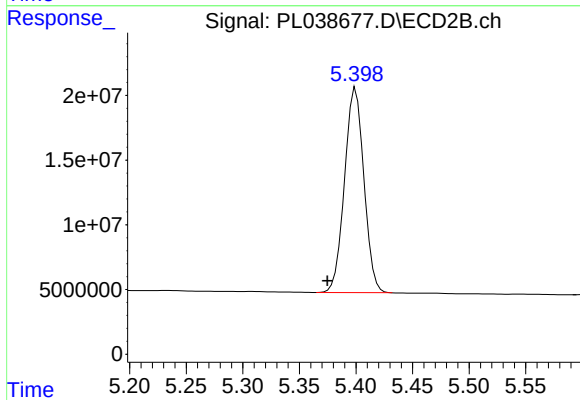
R.T.: 4.917 min
Delta R.T.: 0.005 min
Response: 13408
Conc: 0.12 ng/ml



#24 Chlordane-2

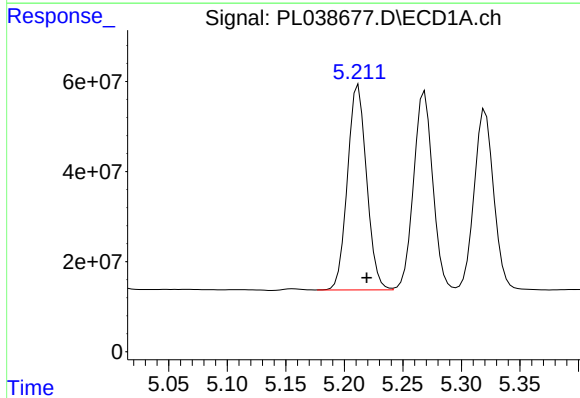
R.T.: 0.000 min
Exp R.T.: 4.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



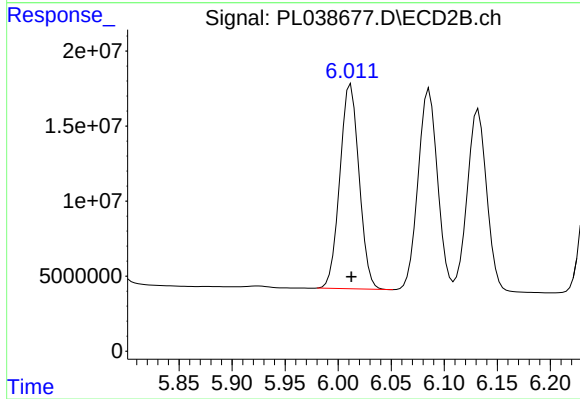
#24 Chlordane-2

R.T.: 5.400 min
Delta R.T.: 0.025 min
Response: 188228950
Conc: 1571.85 ng/ml



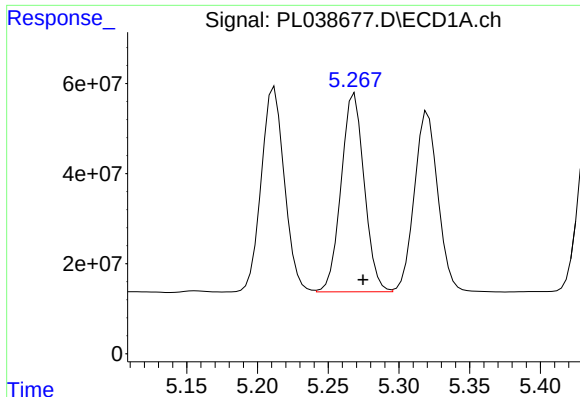
#25 Chlordane-3

R.T.: 5.212 min
Delta R.T.: -0.007 min
Response: 518438139
Conc: 445.65 ng/ml



#25 Chlordane-3

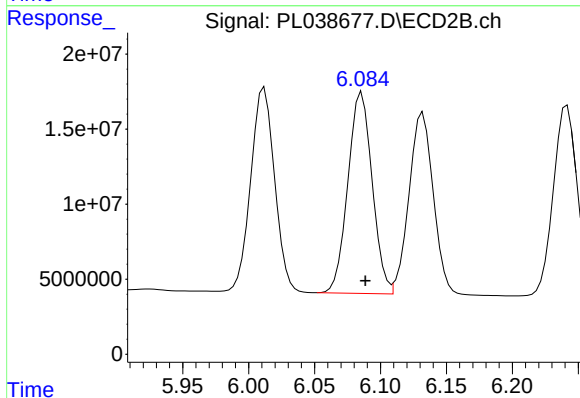
R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 171741878
Conc: 421.04 ng/ml



#26 Chlordane-4

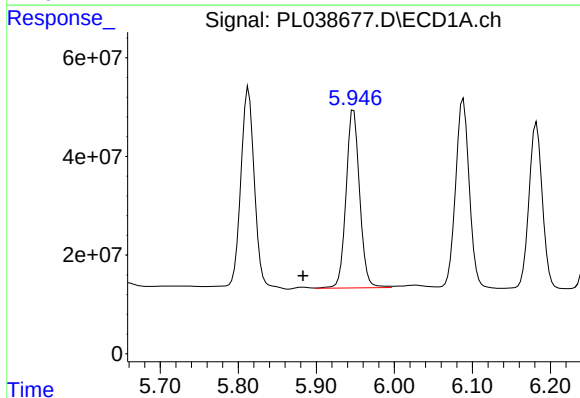
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 502042735
Conc: 477.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



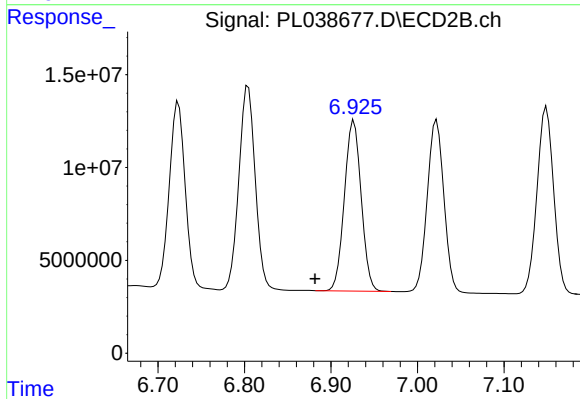
#26 Chlordane-4

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 171707108
Conc: 349.49 ng/ml



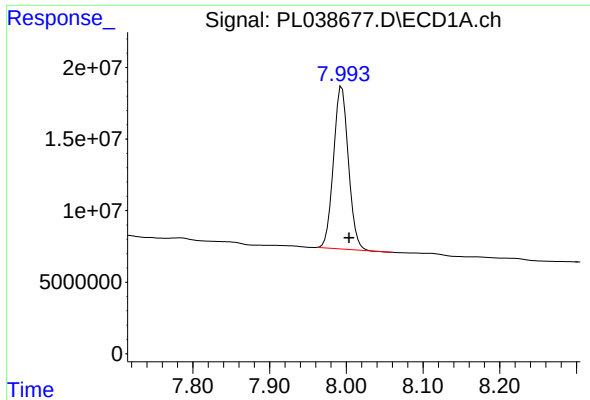
#27 Chlordane-5

R.T.: 5.948 min
Delta R.T.: 0.065 min
Response: 436827903
Conc: 2727.90 ng/ml



#27 Chlordane-5

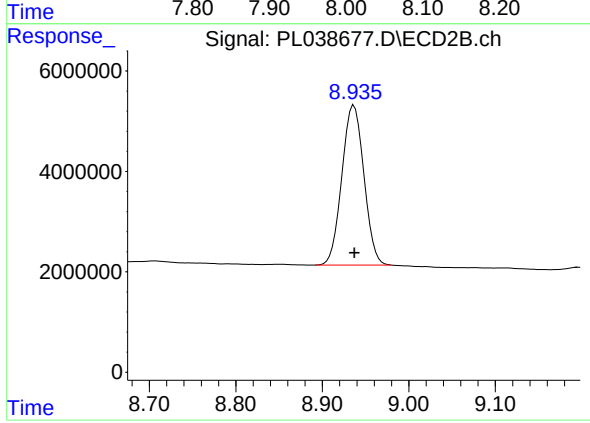
R.T.: 6.927 min
Delta R.T.: 0.045 min
Response: 122952677
Conc: 1372.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.009 min
Response: 152782027
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LA-SOIL-1MSD



#28 Decachlorobiphenyl

R.T.: 8.937 min
Delta R.T.: 0.000 min
Response: 56175024
Conc: 22.98 ng/ml