

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051519\
 Data File : PL048549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2019 15:23
 Operator : AJ\SJ
 Sample : K2851-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 00:57:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 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...	3.327	3.940	213.2E6	58107885	22.008	23.328
28)	SA Decachlor...	7.997	8.979	161.1E6	52187248	16.026	19.661
Target Compounds							
2)	A alpha-BHC	3.756	4.329	860.0E6	241.0E6	55.603	68.621
3)	MA gamma-BHC...	4.032	4.613	806.1E6	243.9E6	56.732	74.660 #
4)	MA Heptachlor	4.317	5.116	821.7E6	232.5E6	55.850	67.154
5)	MB Aldrin	4.555	5.419	868.5E6	190.7E6	63.387	61.592
6)	B beta-BHC	4.285	4.788	332.3E6	88508646	56.313	56.882
7)	B delta-BHC	4.479	5.002	751.9E6	152.3E6	53.254	53.843
8)	B Heptachlor...	4.992	5.806	668.9E6	164.6E6	51.911	56.437
9)	A Endosulfan I	5.324	6.161	476.9E6	150.1E6	39.644	53.076 #
10)	B gamma-Chl...	5.215	6.039	692.6E6	171.5E6	51.874	55.714
11)	B alpha-Chl...	5.271	6.112	629.1E6	165.3E6	48.119	53.888
12)	B 4,4'-DDE	5.439	6.270	650.1E6	140.3E6	51.250	50.821
13)	MA Dieldrin	5.563	6.418	683.7E6	167.4E6	52.511	57.075
14)	MA Endrin	5.815	6.635	626.8E6	148.6E6	51.488	56.979
15)	B Endosulfa...	6.090	6.846	566.1E6	150.7E6	49.057	55.894
16)	A 4,4'-DDD	5.950	6.762	454.1E6	140.4E6	46.653	62.564 #
17)	MA 4,4'-DDT	6.184	7.059	497.0E6	141.6E6	49.467	60.326
18)	B Endrin al...	6.257	6.970	448.9E6	125.4E6	46.191	53.492
19)	B Endosulfa...	6.468	7.193	507.2E6	142.2E6	47.257	54.942
20)	A Methoxychlor	6.730	7.519	262.2E6	77568818	48.161	56.820
21)	B Endrin ke...	6.950	7.661	520.4E6	153.3E6	44.653	58.660 #
22)	Mirex	7.125	8.111	512.8E6	153.7E6	57.212	72.867 #
23)	Chlordane-1	4.178	4.924	5991494	4119036	13.347	33.722 #
24)	Chlordane-2	0.000	5.419f	0	190.7E6	N.D.	1474.637 #
25)	Chlordane-3	5.215	6.039	692.6E6	171.5E6	439.898	391.398
26)	Chlordane-4	5.271	6.112	629.1E6	165.3E6	433.304	315.181 #
27)	Chlordane-5	6.090	0.000	566.1E6	0	1205.687	N.D. #

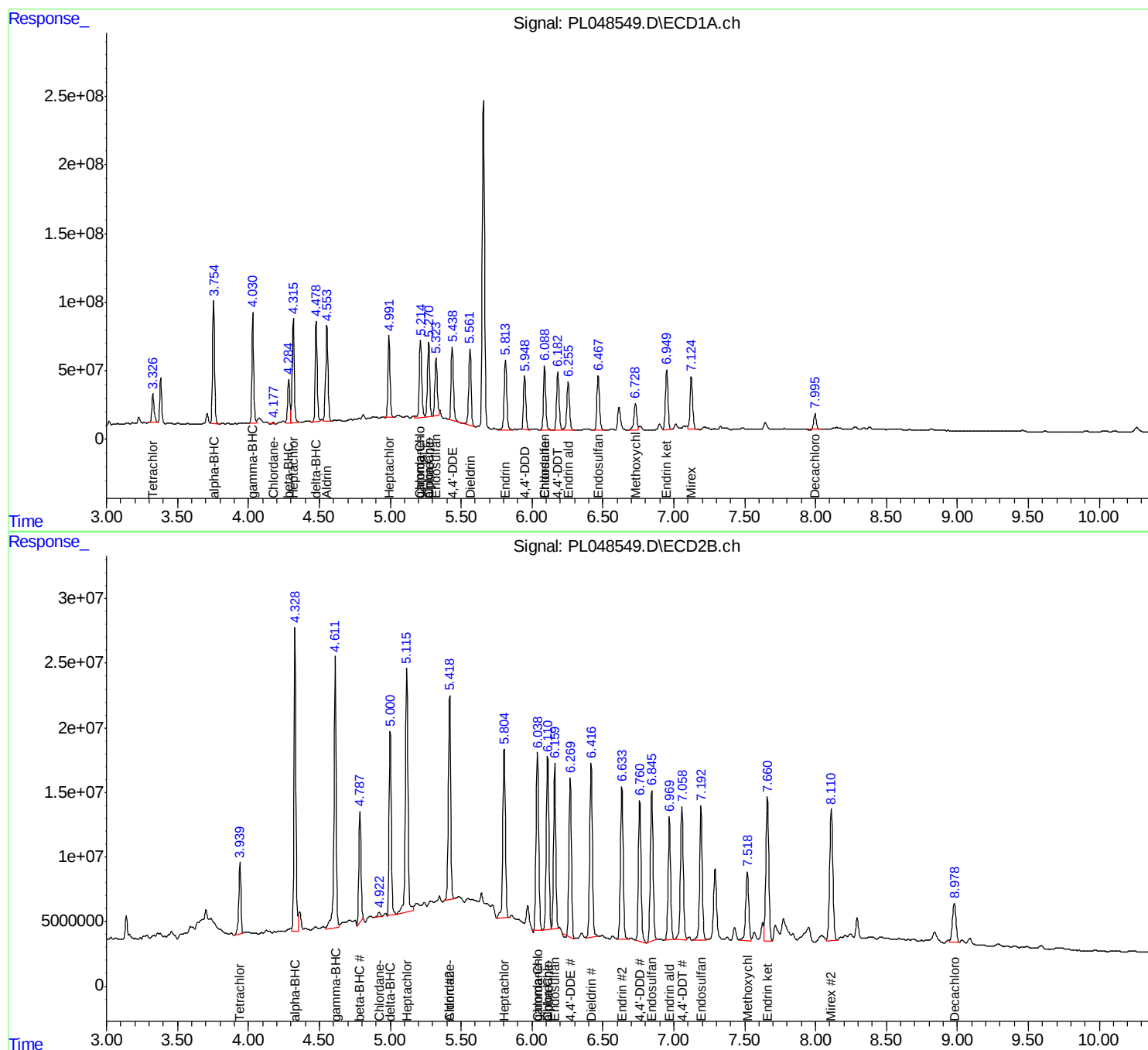
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

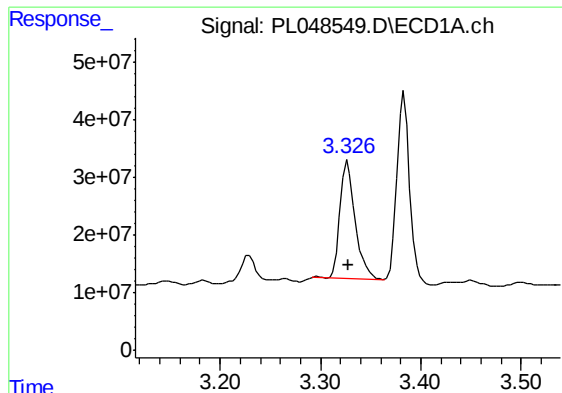
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051519\
Data File : PL048549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2019 15:23
Operator : AJ\SJ
Sample : K2851-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
SOIL-COMPMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 00:57:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
Quant Title : GC Extractables
QLast Update : Thu May 02 09:36:55 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

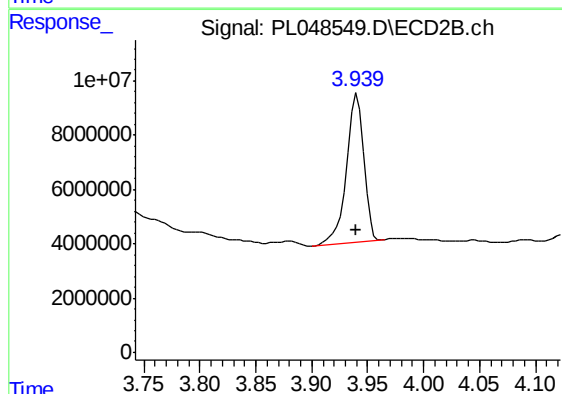




#1 Tetrachloro-m-xylene

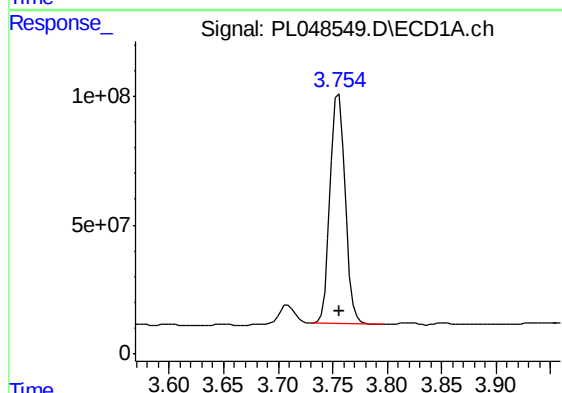
R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 213190285
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



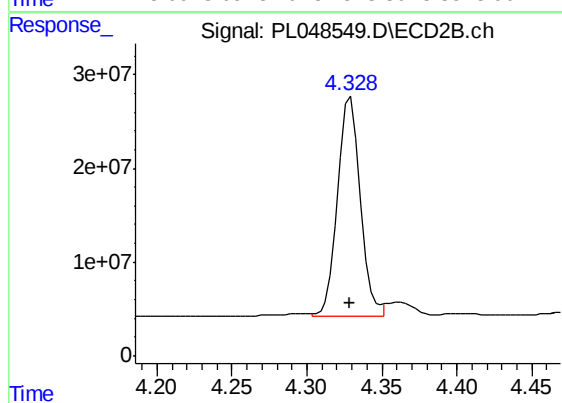
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 58107885
Conc: 23.33 ng/ml



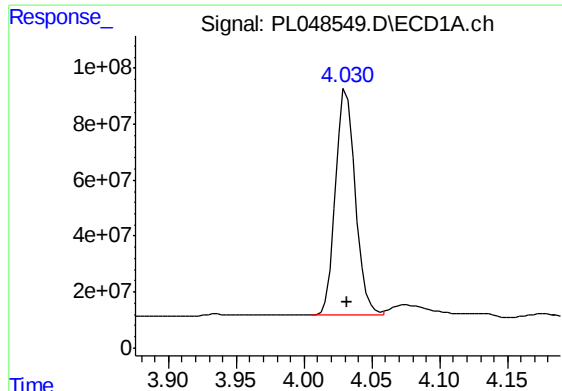
#2 alpha-BHC

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 860031366
Conc: 55.60 ng/ml



#2 alpha-BHC

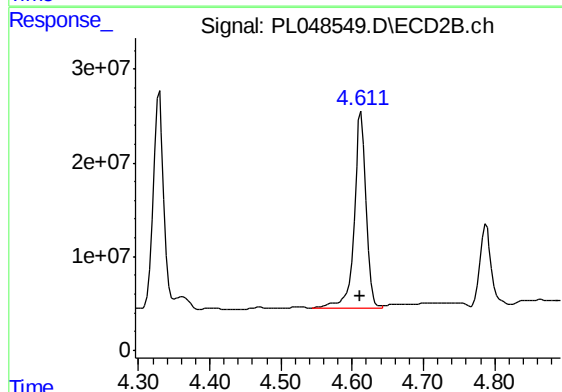
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 240997140
Conc: 68.62 ng/ml



#3 gamma-BHC (Lindane)

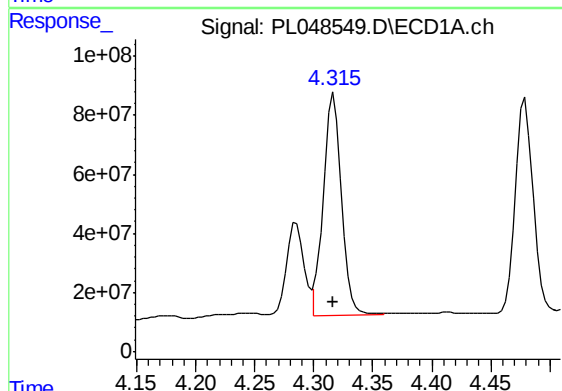
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 806110653
Conc: 56.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



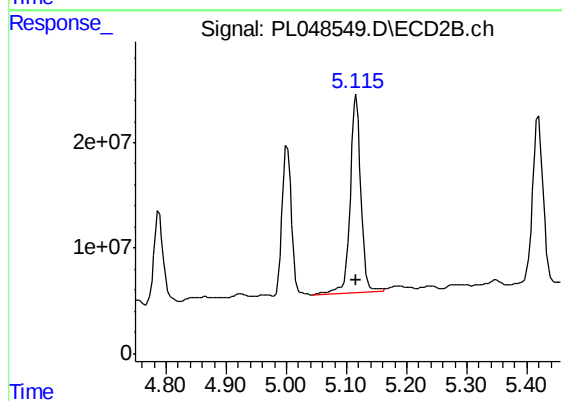
#3 gamma-BHC (Lindane)

R.T.: 4.613 min
Delta R.T.: 0.001 min
Response: 243850905
Conc: 74.66 ng/ml



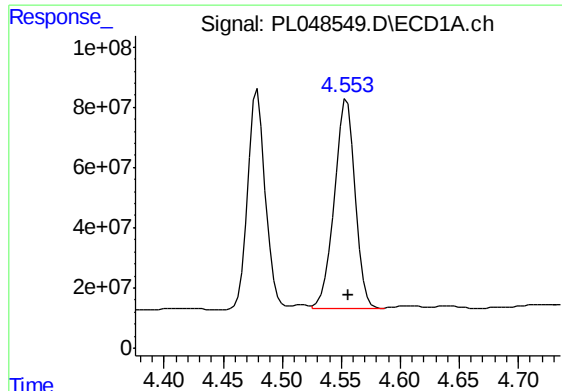
#4 Heptachlor

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 821669390
Conc: 55.85 ng/ml



#4 Heptachlor

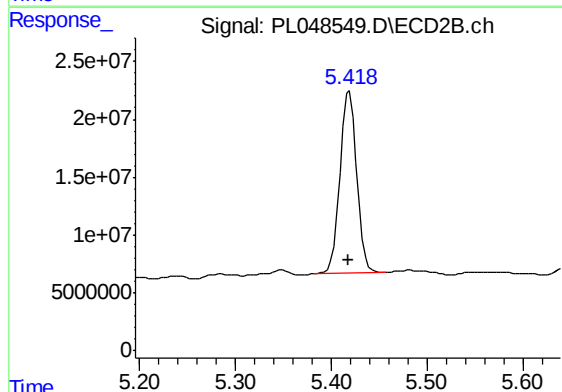
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 232476663
Conc: 67.15 ng/ml



#5 Aldrin

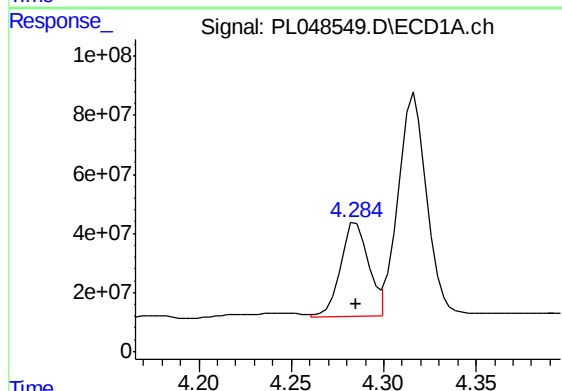
R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 868498489
Conc: 63.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



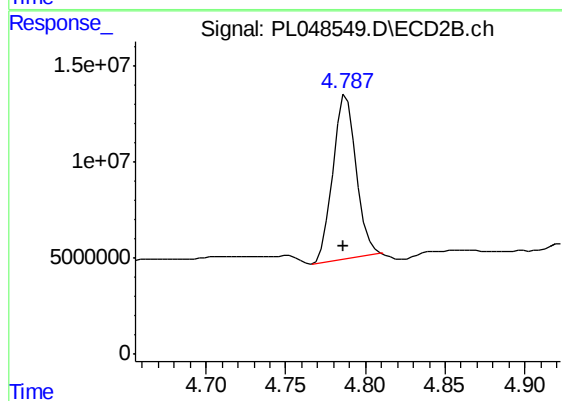
#5 Aldrin

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 190727639
Conc: 61.59 ng/ml



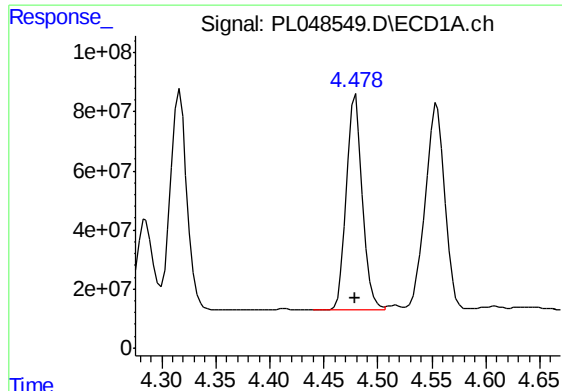
#6 beta-BHC

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 332337804
Conc: 56.31 ng/ml



#6 beta-BHC

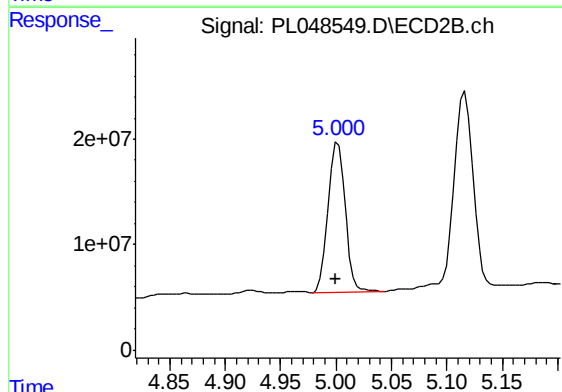
R.T.: 4.788 min
Delta R.T.: 0.002 min
Response: 88508646
Conc: 56.88 ng/ml



#7 delta-BHC

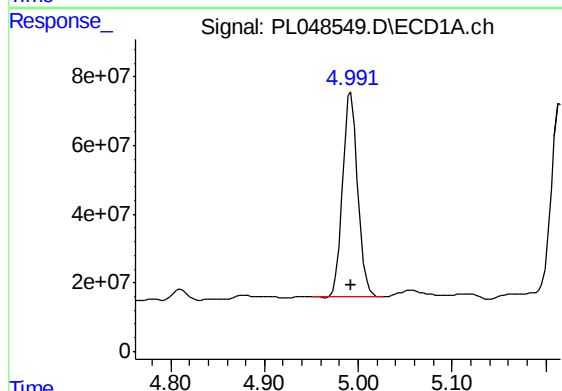
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 751874424
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



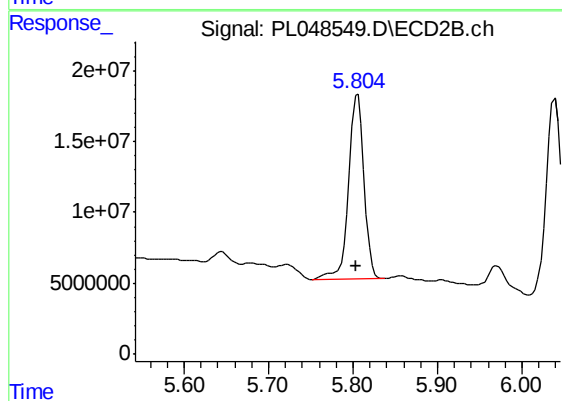
#7 delta-BHC

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 152261607
Conc: 53.84 ng/ml



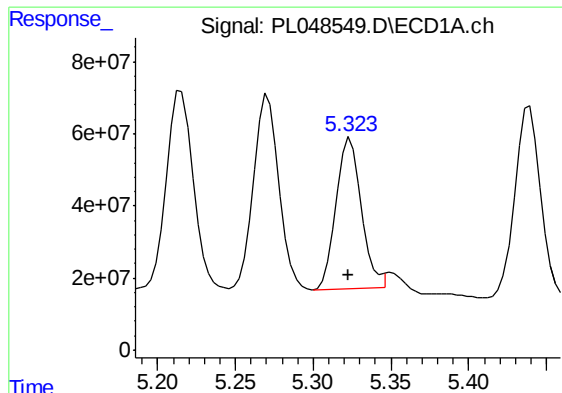
#8 Heptachlor epoxide

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 668858755
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

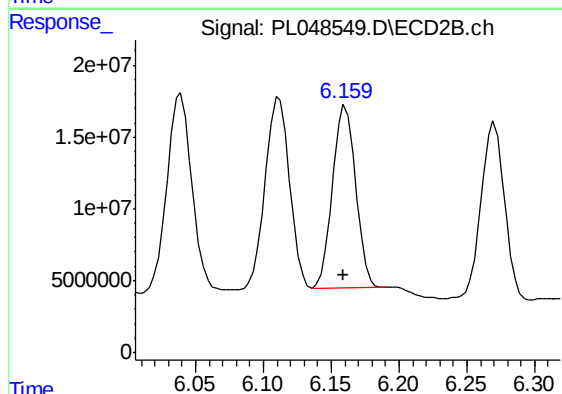
R.T.: 5.806 min
Delta R.T.: 0.001 min
Response: 164610046
Conc: 56.44 ng/ml



#9 Endosulfan I

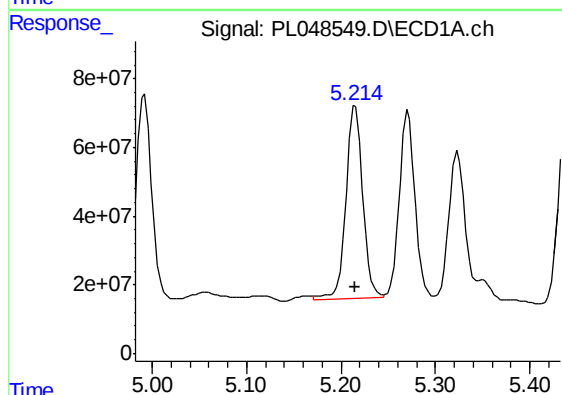
R.T.: 5.324 min
Delta R.T.: 0.001 min
Response: 476911053
Conc: 39.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



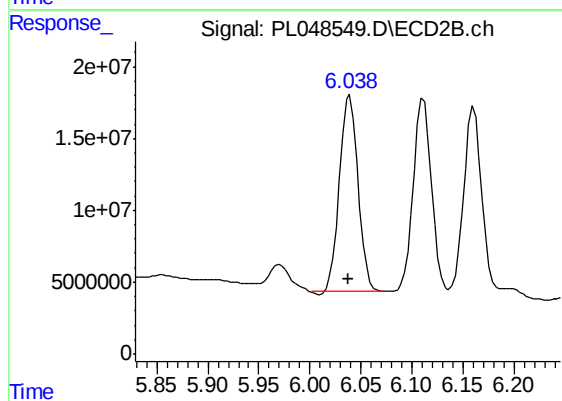
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: 0.002 min
Response: 150071333
Conc: 53.08 ng/ml



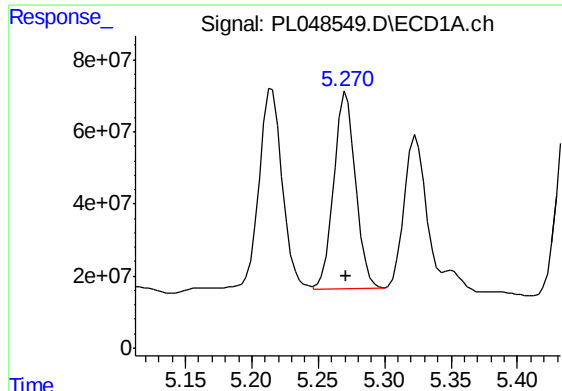
#10 gamma-Chlordane

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 692643584
Conc: 51.87 ng/ml



#10 gamma-Chlordane

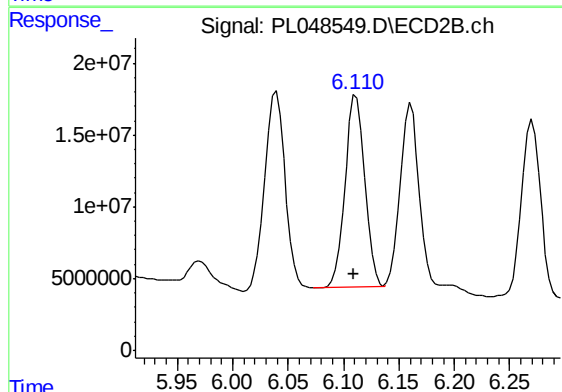
R.T.: 6.039 min
Delta R.T.: 0.001 min
Response: 171522804
Conc: 55.71 ng/ml



#11 alpha-Chlordane

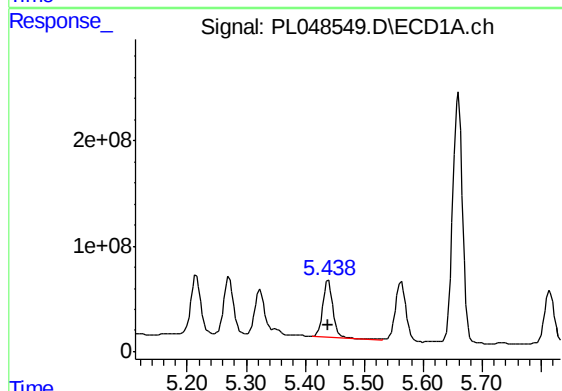
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 629081072
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



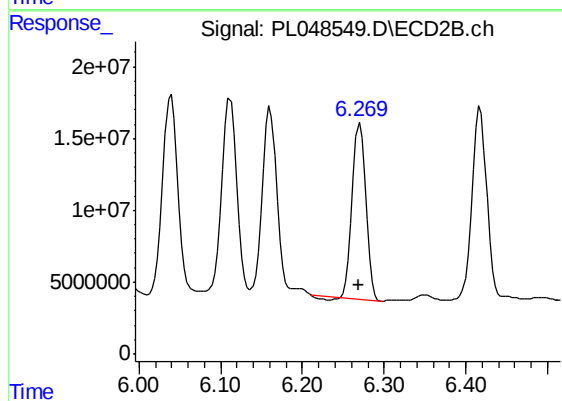
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 165344021
Conc: 53.89 ng/ml



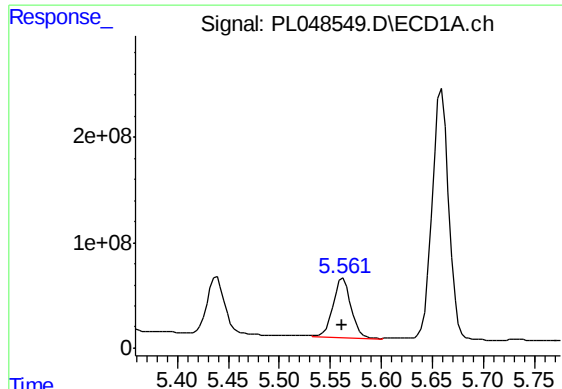
#12 4,4'-DDE

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 650122403
Conc: 51.25 ng/ml



#12 4,4'-DDE

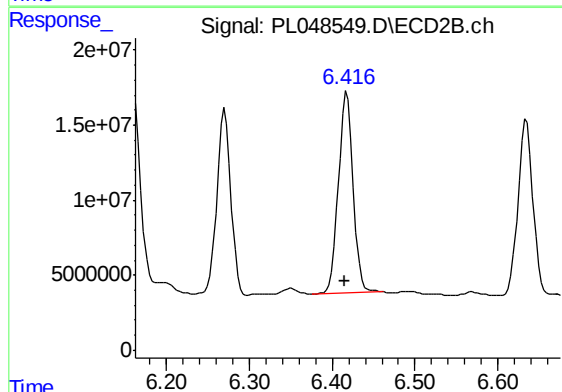
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 140312692
Conc: 50.82 ng/ml



#13 Dielddrin

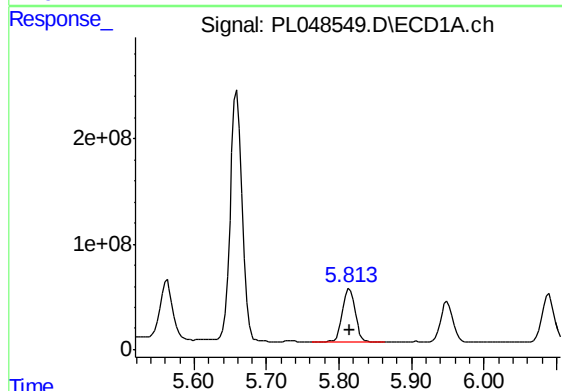
R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 683734844
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



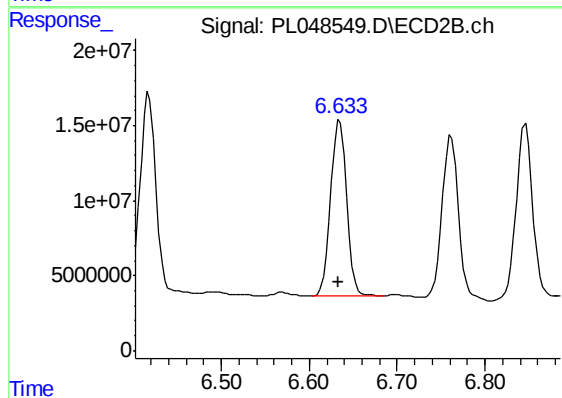
#13 Dielddrin

R.T.: 6.418 min
Delta R.T.: 0.002 min
Response: 167438738
Conc: 57.08 ng/ml



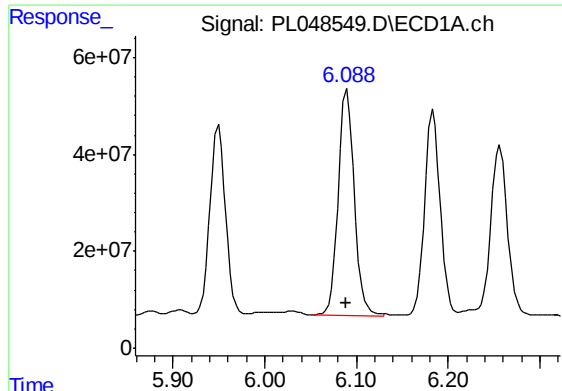
#14 Endrin

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 626805841
Conc: 51.49 ng/ml



#14 Endrin

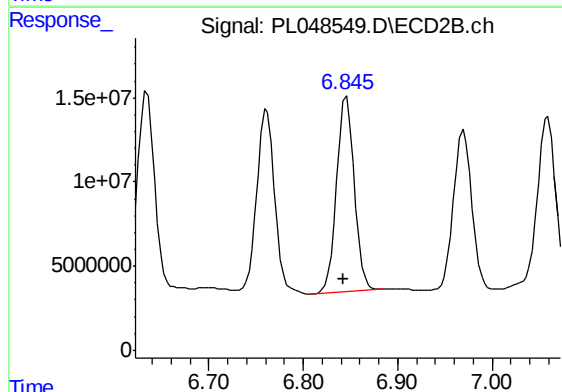
R.T.: 6.635 min
Delta R.T.: 0.002 min
Response: 148566395
Conc: 56.98 ng/ml



#15 Endosulfan II

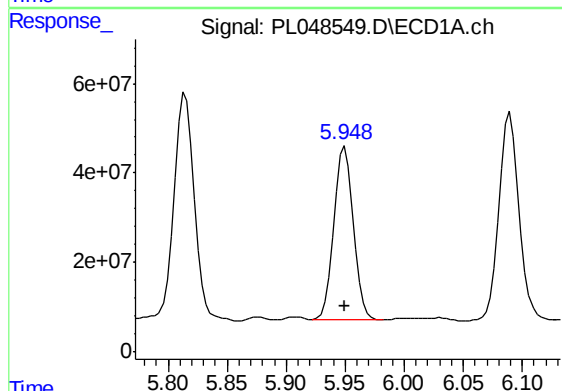
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 566137690
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



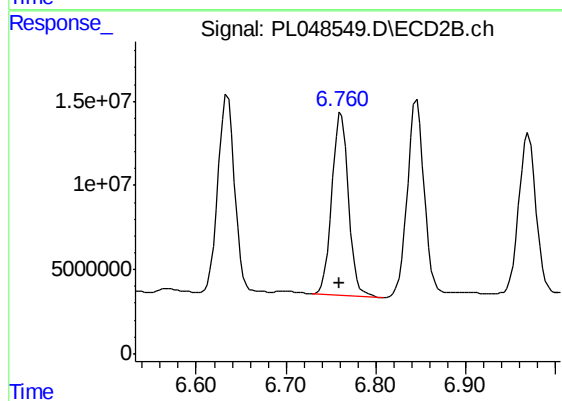
#15 Endosulfan II

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 150722599
Conc: 55.89 ng/ml



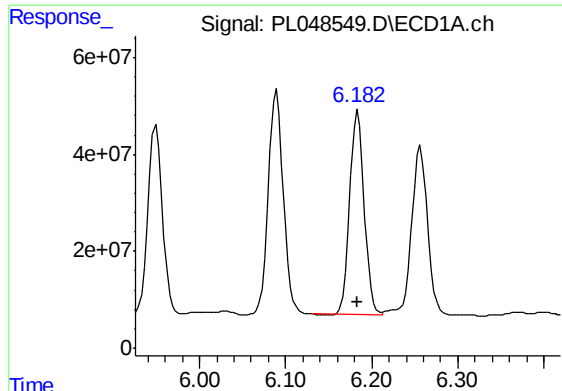
#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 454120387
Conc: 46.65 ng/ml



#16 4,4'-DDD

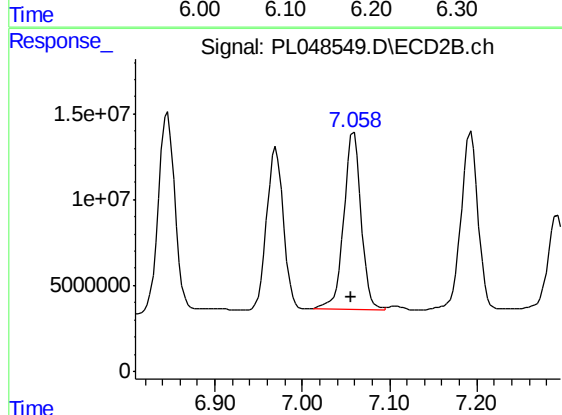
R.T.: 6.762 min
Delta R.T.: 0.002 min
Response: 140396085
Conc: 62.56 ng/ml



#17 4,4'-DDT

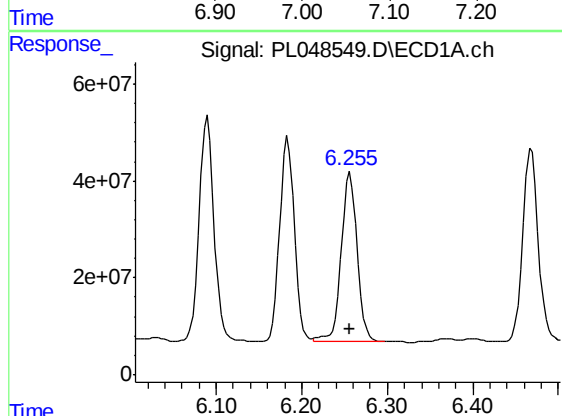
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 496971020
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



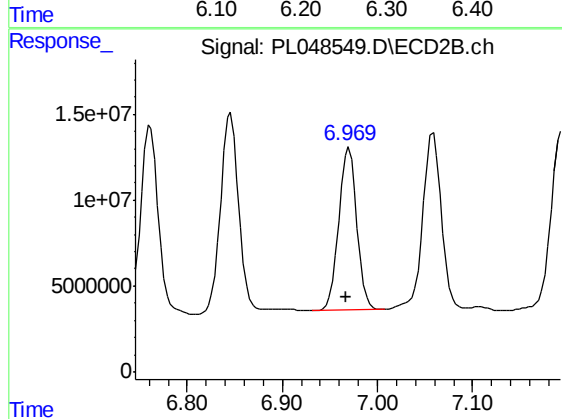
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 141562502
Conc: 60.33 ng/ml



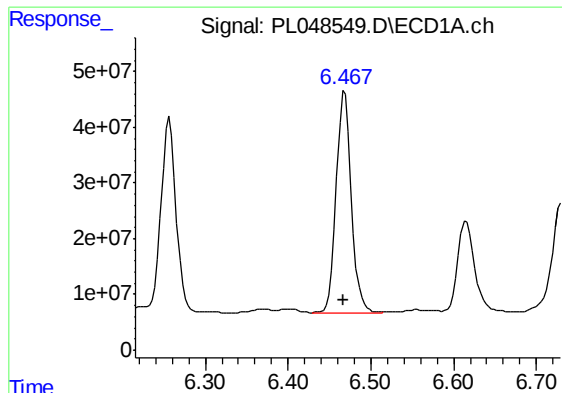
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 448900216
Conc: 46.19 ng/ml



#18 Endrin aldehyde

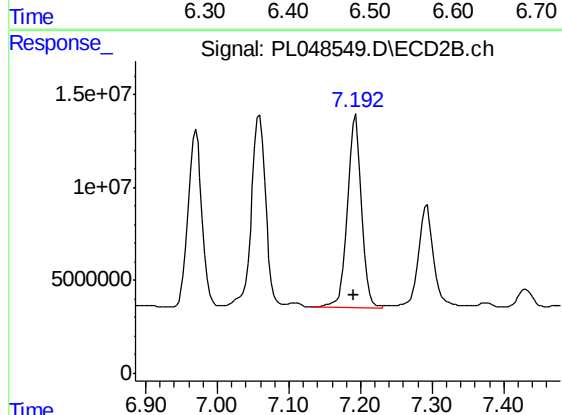
R.T.: 6.970 min
Delta R.T.: 0.003 min
Response: 125355497
Conc: 53.49 ng/ml



#19 Endosulfan Sulfate

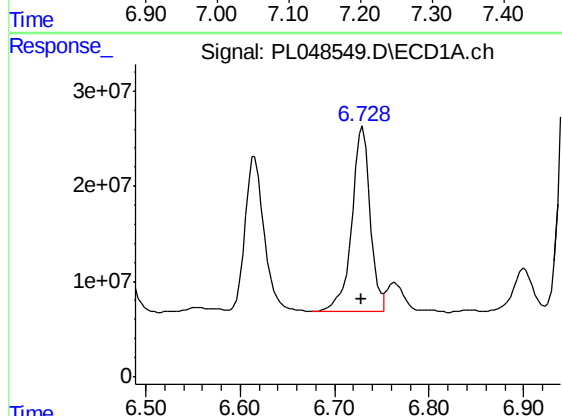
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 507188268
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



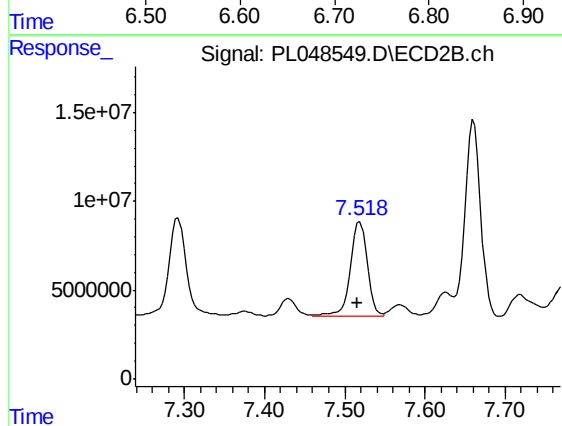
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.003 min
Response: 142202427
Conc: 54.94 ng/ml



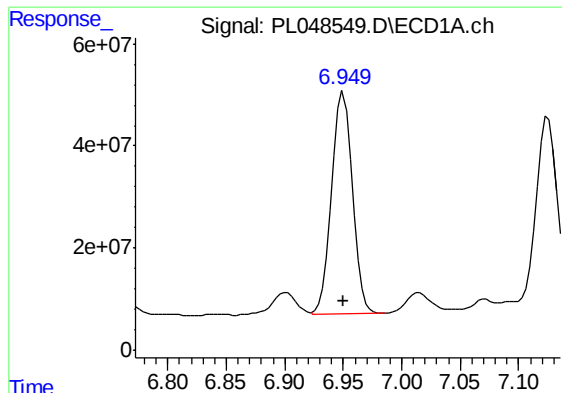
#20 Methoxychlor

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 262226130
Conc: 48.16 ng/ml



#20 Methoxychlor

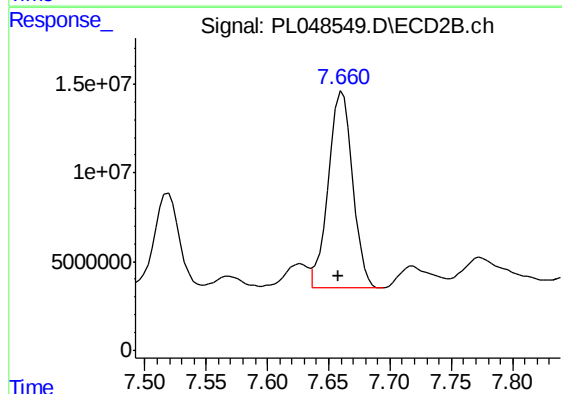
R.T.: 7.519 min
Delta R.T.: 0.003 min
Response: 77568818
Conc: 56.82 ng/ml



#21 Endrin ketone

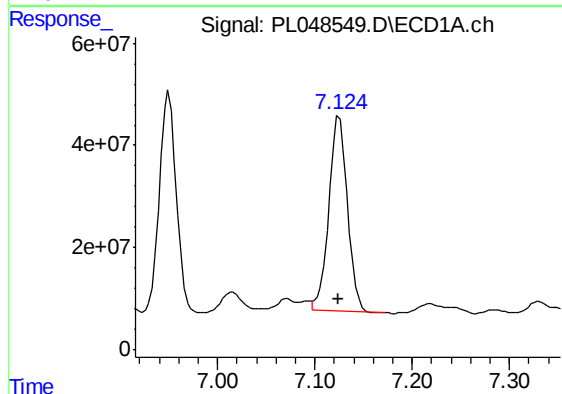
R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 520431711
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



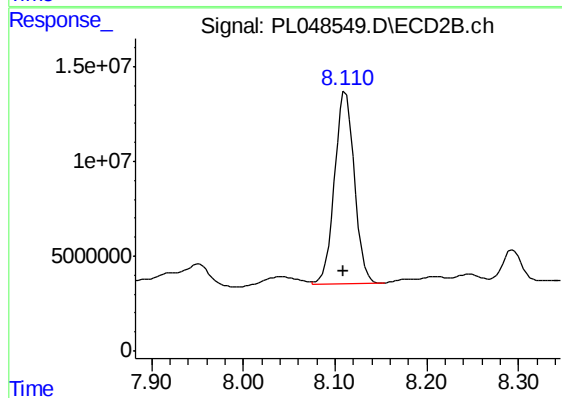
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.003 min
Response: 153265942
Conc: 58.66 ng/ml



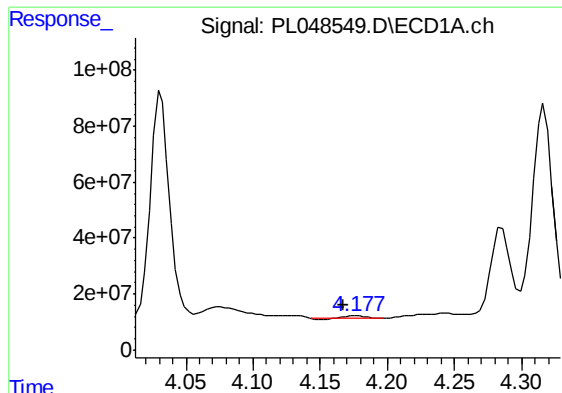
#22 Mirex

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 512844447
Conc: 57.21 ng/ml



#22 Mirex

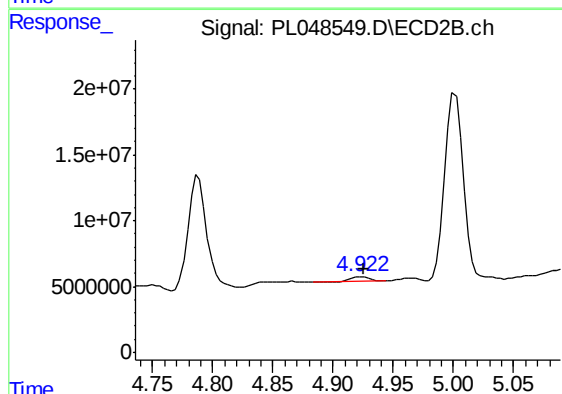
R.T.: 8.111 min
Delta R.T.: 0.003 min
Response: 153667547
Conc: 72.87 ng/ml



#23 Chlordane-1

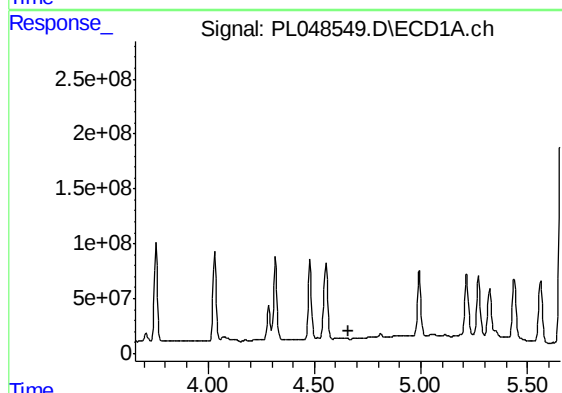
R.T.: 4.178 min
Delta R.T.: 0.010 min
Response: 5991494
Conc: 13.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



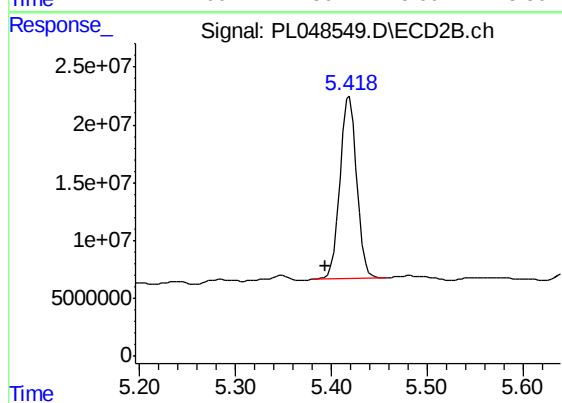
#23 Chlordane-1

R.T.: 4.924 min
Delta R.T.: -0.002 min
Response: 4119036
Conc: 33.72 ng/ml



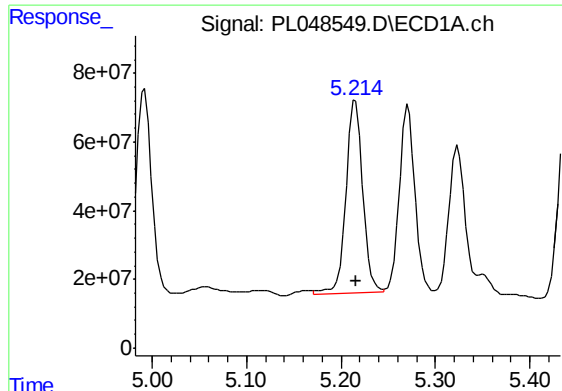
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



#24 Chlordane-2

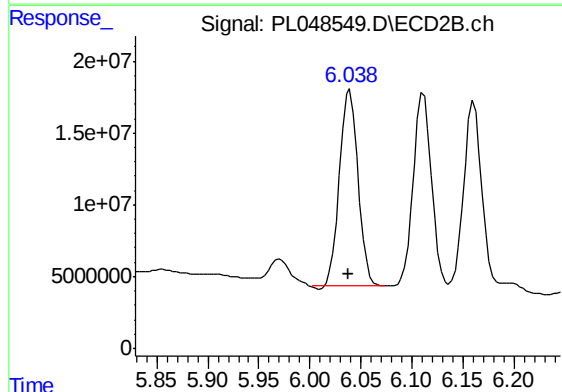
R.T.: 5.419 min
Delta R.T.: 0.025 min
Response: 190727639
Conc: 1474.64 ng/ml



#25 Chlordane-3

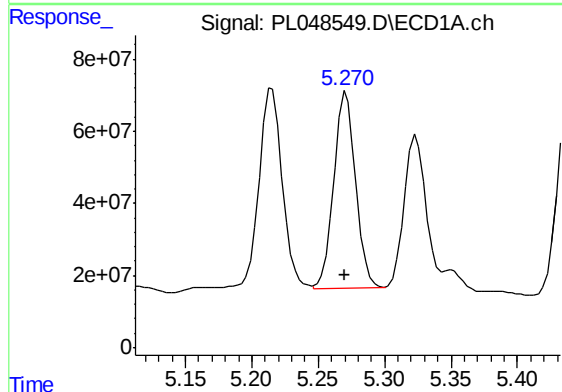
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 692643584
Conc: 439.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



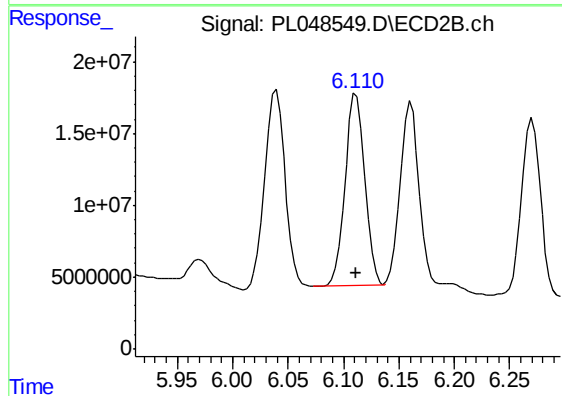
#25 Chlordane-3

R.T.: 6.039 min
Delta R.T.: 0.001 min
Response: 171522804
Conc: 391.40 ng/ml



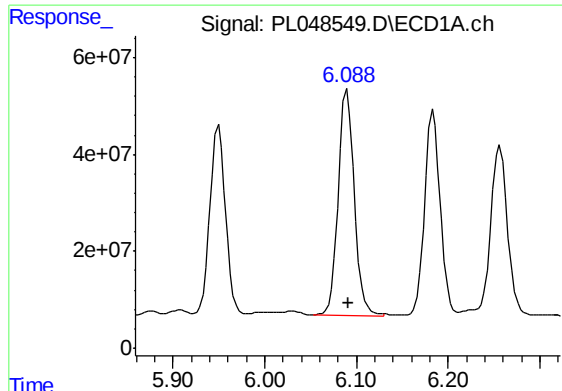
#26 Chlordane-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 629081072
Conc: 433.30 ng/ml



#26 Chlordane-4

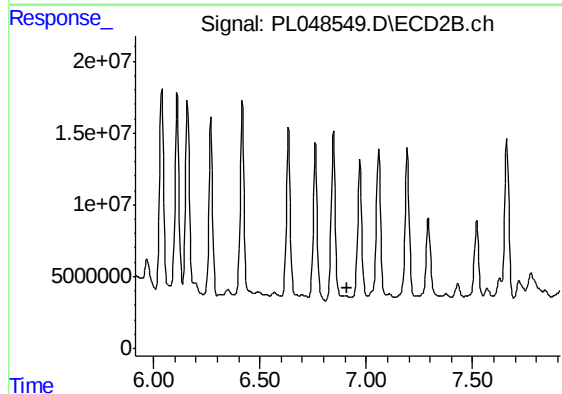
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 165344021
Conc: 315.18 ng/ml



#27 Chlordane-5

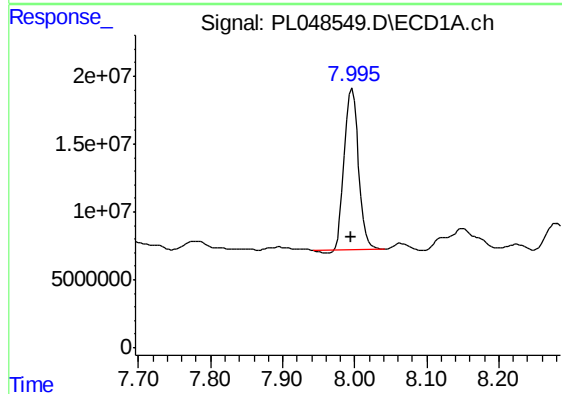
R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 566137690
Conc: 1205.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD



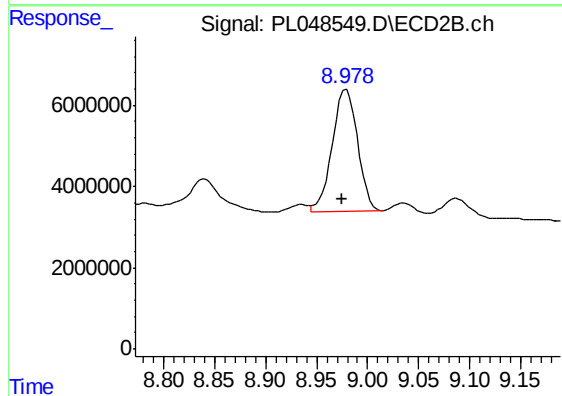
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 161133200
Conc: 16.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 52187248
Conc: 19.66 ng/ml