

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121019\
 Data File : PL054893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2019 11:20
 Operator : SG\AJ
 Sample : K6188-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMP-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 00:38:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 01:19:55 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...	3.538	4.050	197.1E6	53846050	16.940	21.101
28)	SA Decachlor...	8.320	9.150	201.6E6	52438806	21.048	21.873
Target Compounds							
2)	A alpha-BHC	3.981	4.442	966.1E6	224.9E6	50.890	63.481
3)	MA gamma-BHC...	4.268	4.727	903.5E6	208.5E6	53.006	63.945
4)	MA Heptachlor	4.573	5.237	913.4E6	188.1E6	51.801	62.331
5)	MB Aldrin	4.823	5.543	770.0E6	171.1E6	47.239	61.404 #
6)	B beta-BHC	4.518	4.898	378.6E6	89126626	51.041	63.290
7)	B delta-BHC	4.726	5.115	843.6E6	186.8E6	51.897	70.049 #
8)	B Heptachlo...	5.269	5.929	837.1E6	167.9E6	55.339	67.224
9)	A Endosulfan I	5.612	6.287	745.9E6	154.3E6	54.696	62.361
10)	B gamma-Chl...	5.498	6.163	846.9E6	166.6E6	55.848	63.239
11)	B alpha-Chl...	5.557	6.237	815.9E6	162.9E6	55.328	62.055
12)	B 4,4'-DDE	5.719	6.393	765.2E6	157.7E6	57.510	63.689
13)	MA Dieldrin	5.856	6.545	821.7E6	163.5E6	57.942	64.230
14)	MA Endrin	6.114	6.764	747.9E6	142.8E6	58.732	64.452
15)	B Endosulfa...	6.388	6.973	655.9E6	145.5E6	54.205	61.880
16)	A 4,4'-DDD	6.237	6.885	583.4E6	125.6E6	59.732	65.418
17)	MA 4,4'-DDT	6.479	7.184	622.1E6	130.4E6	59.382	65.791
18)	B Endrin al...	6.555	7.097	461.1E6	102.6E6	46.563	52.319
19)	B Endosulfa...	6.769	7.321	597.1E6	131.1E6	55.760	61.813
20)	A Methoxychlor	7.024	7.644	308.6E6	69889464	61.577	61.270
21)	B Endrin ke...	7.264	7.796	663.8E6	143.6E6	61.073	63.800
22)	Mirex	7.456	8.253	485.8E6	112.7E6	59.837	65.208
24)	Chlordane-2	4.895f	5.543f	36638964	171.1E6	84.372	1909.106 #
25)	Chlordane-3	5.498	6.163	846.9E6	166.6E6	659.505	536.710
26)	Chlordane-4	5.557	6.237	815.9E6	162.9E6	772.381	433.007 #
27)	Chlordane-5	6.388	0.000	655.9E6	0	1742.051	N.D. #

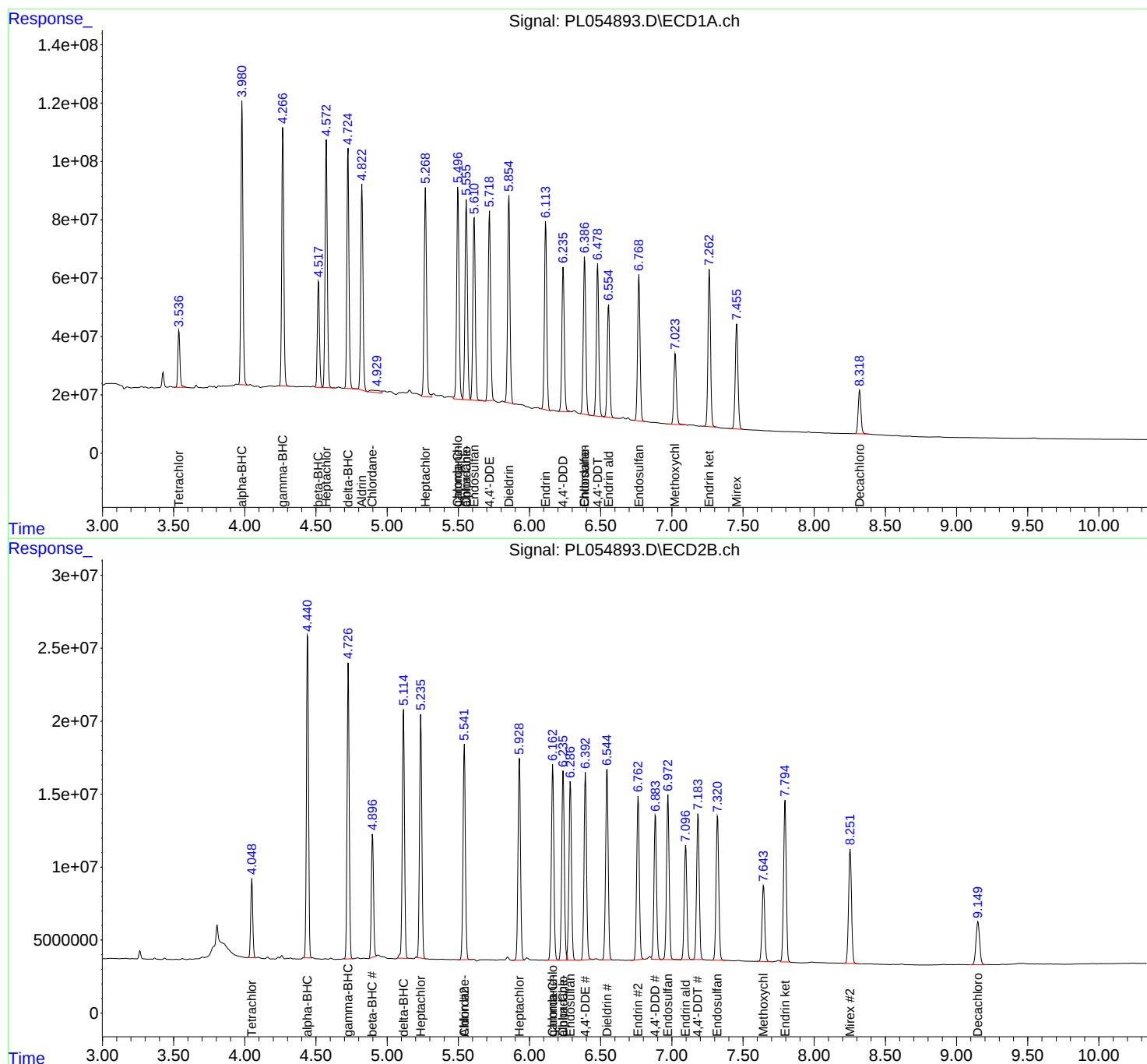
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

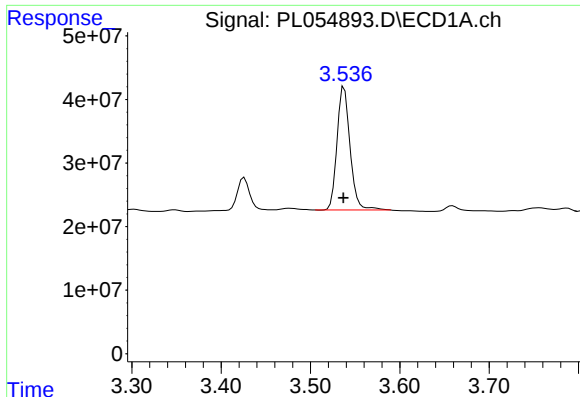
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121019\
Data File : PL054893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2019 11:20
Operator : SG\AJ
Sample : K6188-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 00:38:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 01:19:55 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

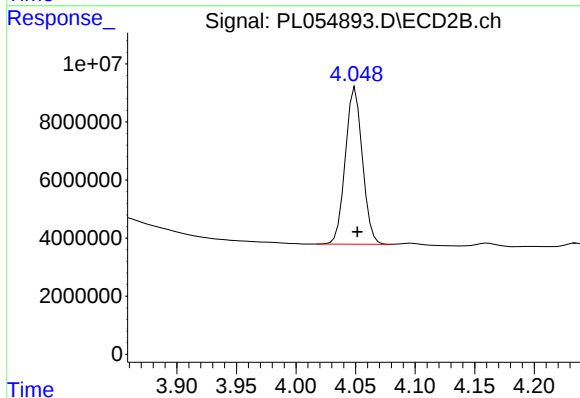




#1 Tetrachloro-m-xylene

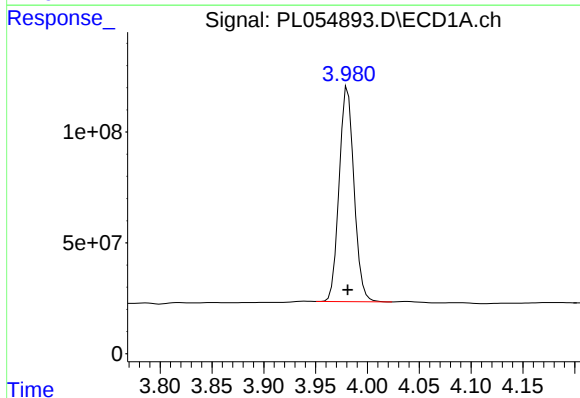
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 197085702
Conc: 16.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



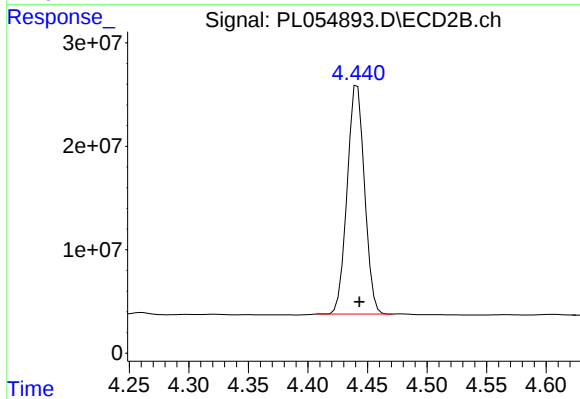
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 53846050
Conc: 21.10 ng/ml



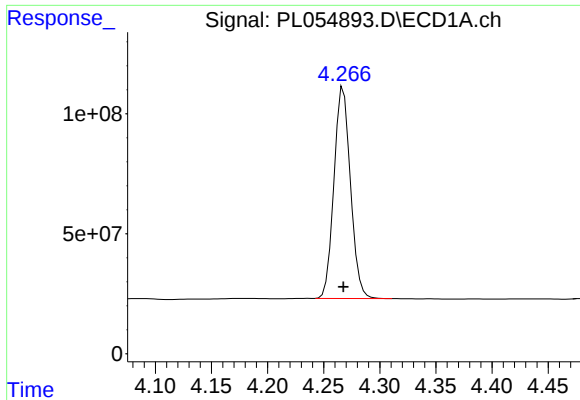
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 966097999
Conc: 50.89 ng/ml



#2 alpha-BHC

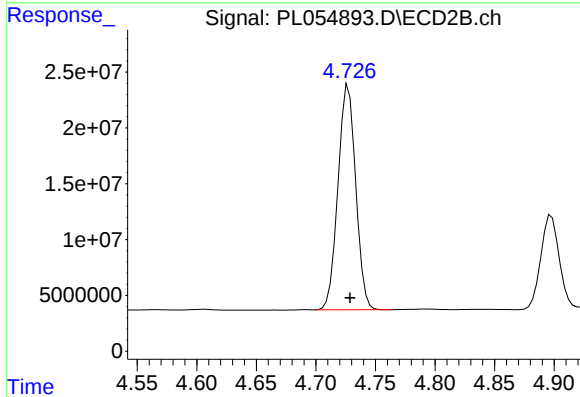
R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 224897521
Conc: 63.48 ng/ml



#3 gamma-BHC (Lindane)

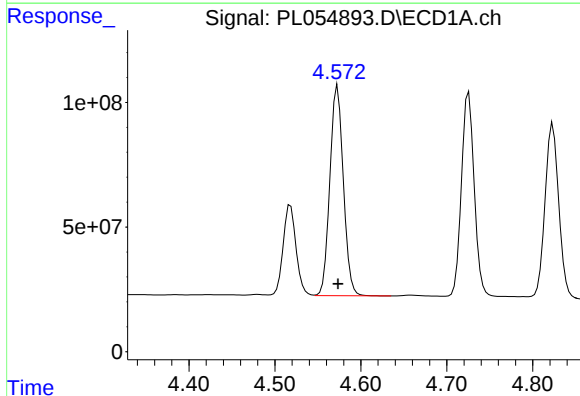
R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 903529429
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



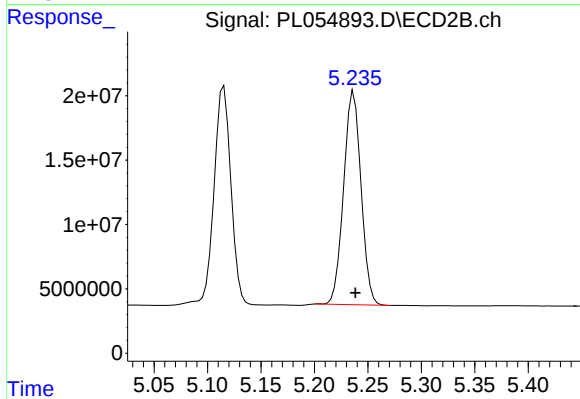
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 208495619
Conc: 63.95 ng/ml



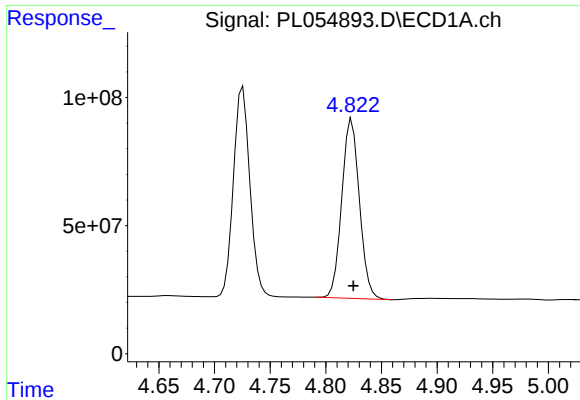
#4 Heptachlor

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 913434848
Conc: 51.80 ng/ml



#4 Heptachlor

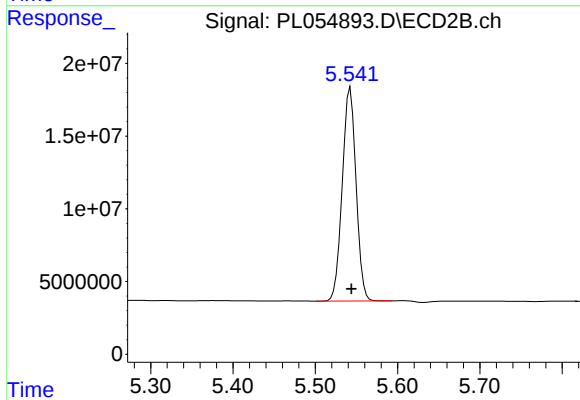
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 188114061
Conc: 62.33 ng/ml



#5 Aldrin

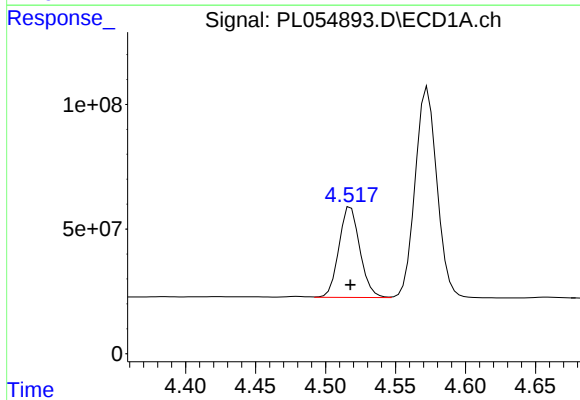
R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 770001337
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



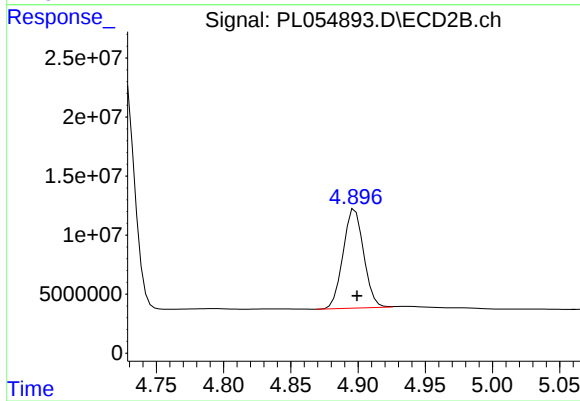
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 171101794
Conc: 61.40 ng/ml



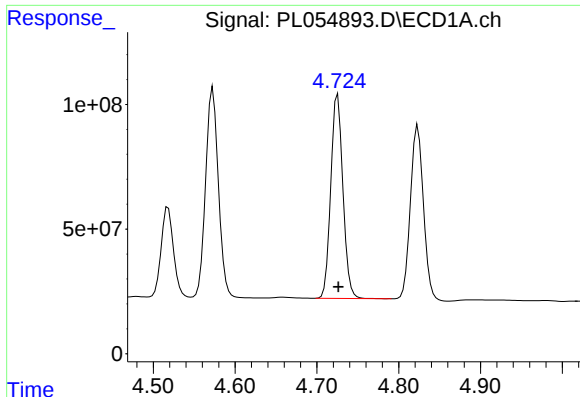
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 378562035
Conc: 51.04 ng/ml



#6 beta-BHC

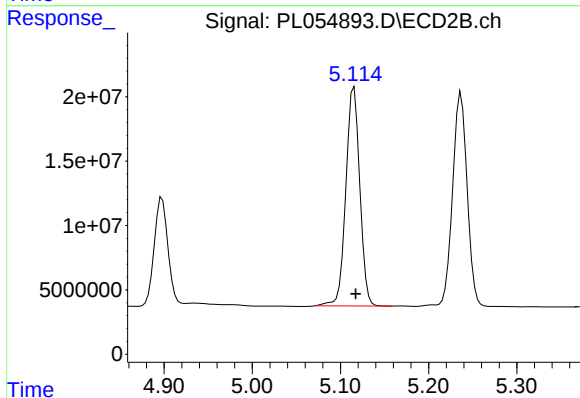
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 89126626
Conc: 63.29 ng/ml



#7 delta-BHC

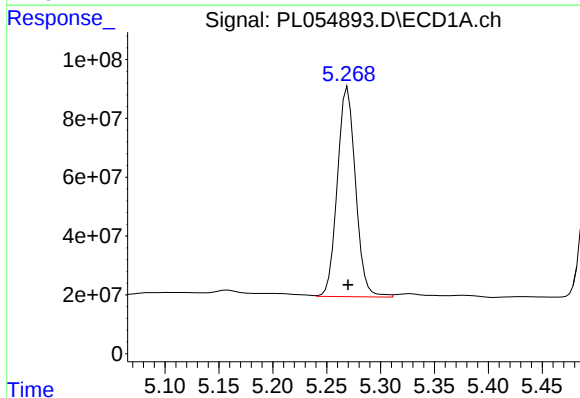
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 843599666
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



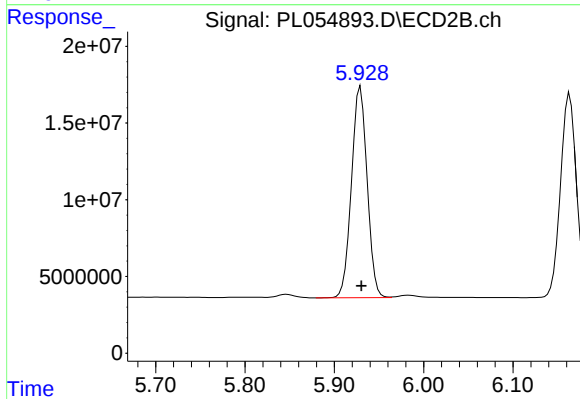
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 186765827
Conc: 70.05 ng/ml



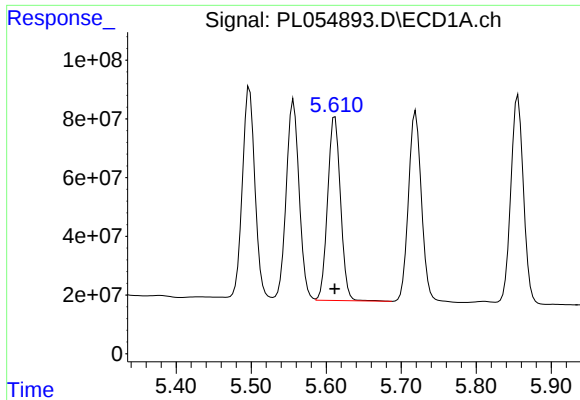
#8 Heptachlor epoxide

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 837075172
Conc: 55.34 ng/ml



#8 Heptachlor epoxide

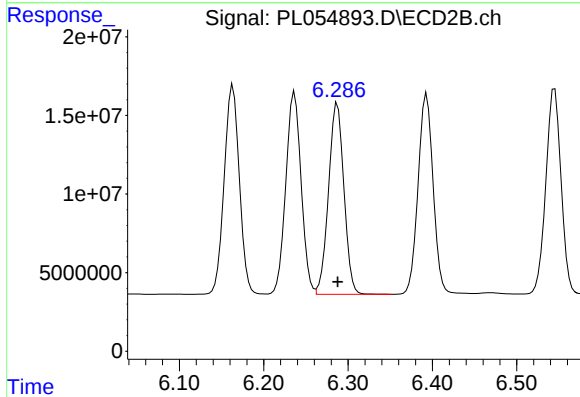
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 167939383
Conc: 67.22 ng/ml



#9 Endosulfan I

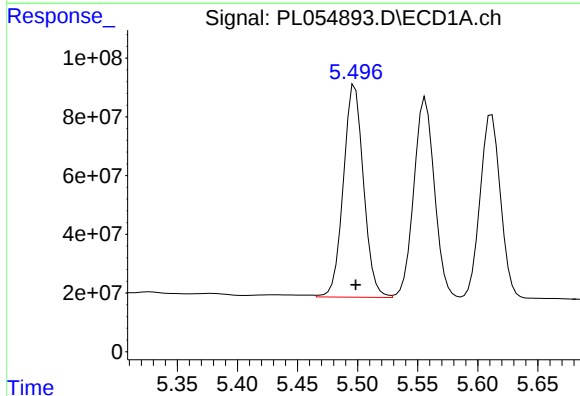
R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 745879671
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



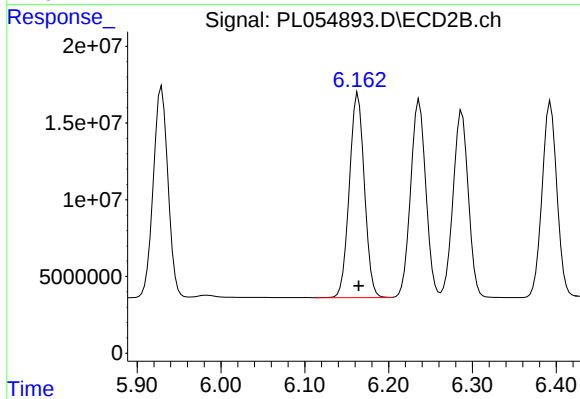
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 154250394
Conc: 62.36 ng/ml



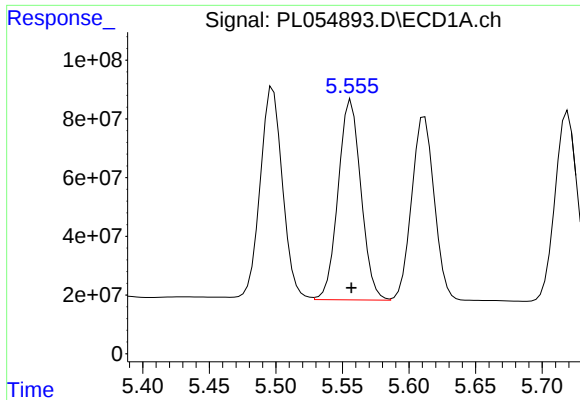
#10 gamma-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 846890986
Conc: 55.85 ng/ml



#10 gamma-Chlordane

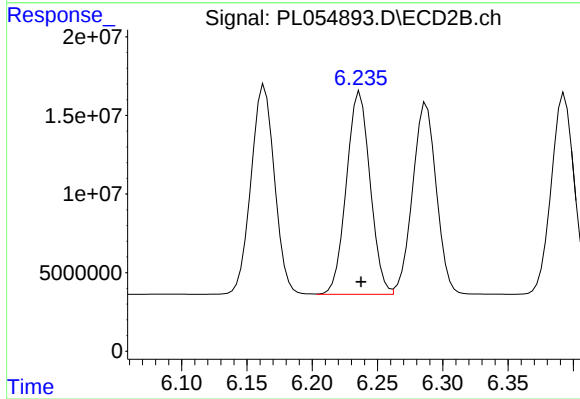
R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 166595275
Conc: 63.24 ng/ml



#11 alpha-Chlordane

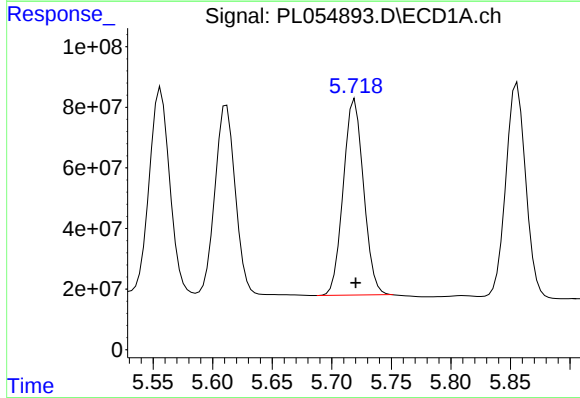
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 815857747
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



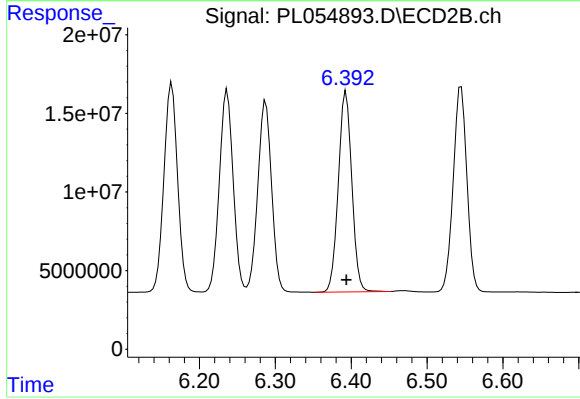
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 162935935
Conc: 62.06 ng/ml



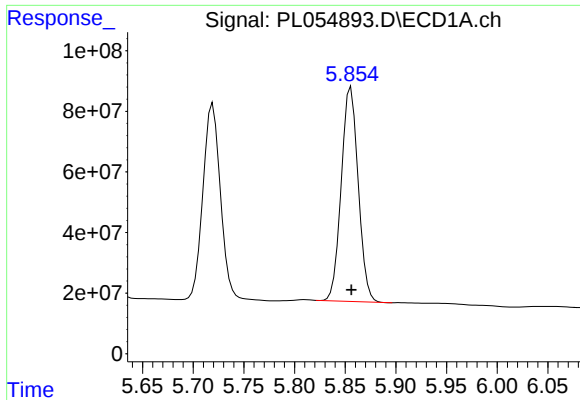
#12 4,4'-DDE

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 765153017
Conc: 57.51 ng/ml



#12 4,4'-DDE

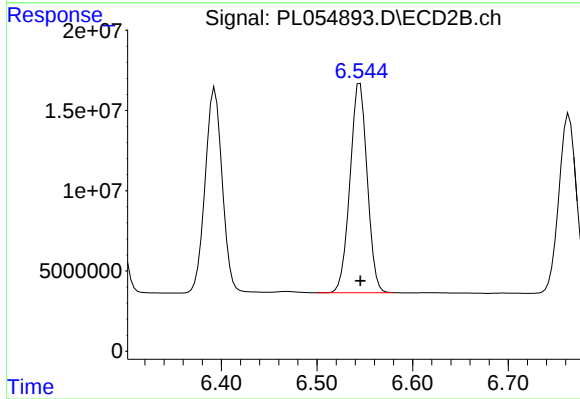
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 157656033
Conc: 63.69 ng/ml



#13 Dieldrin

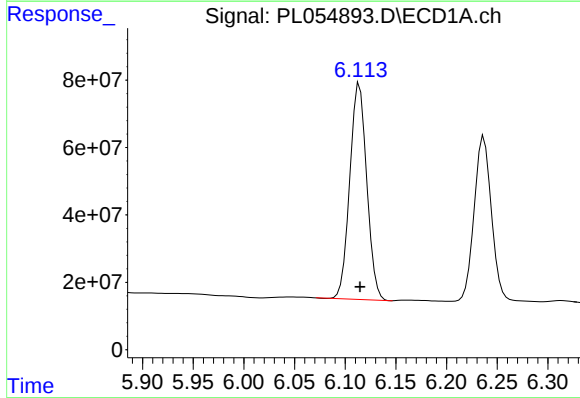
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 821658848
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



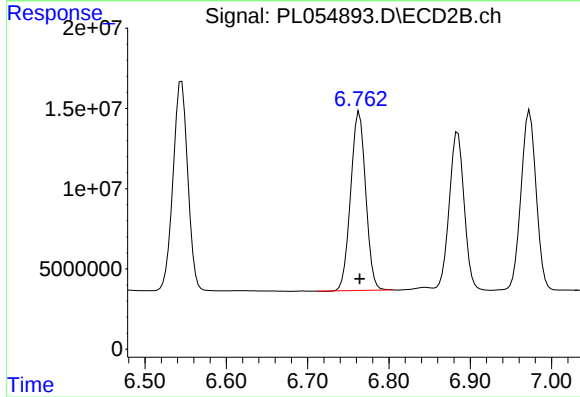
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 163484996
Conc: 64.23 ng/ml



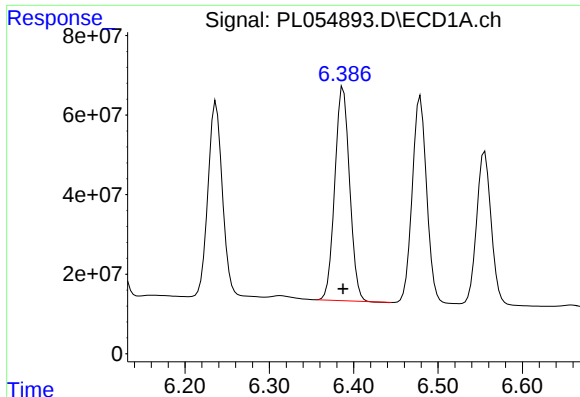
#14 Endrin

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 747874786
Conc: 58.73 ng/ml



#14 Endrin

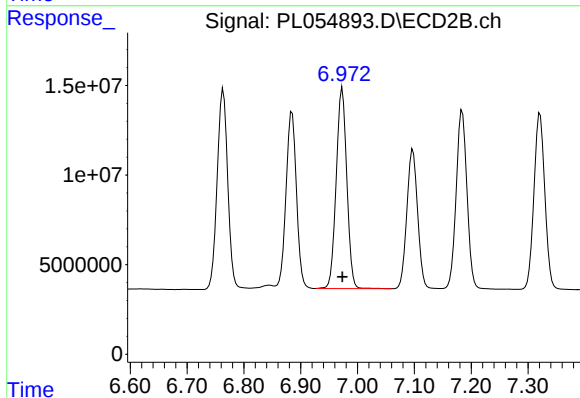
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 142785896
Conc: 64.45 ng/ml



#15 Endosulfan II

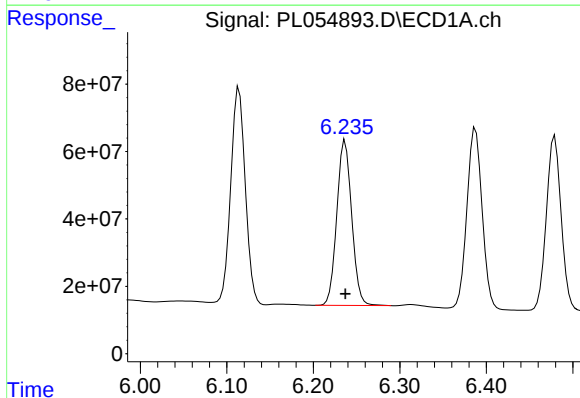
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 655885311
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



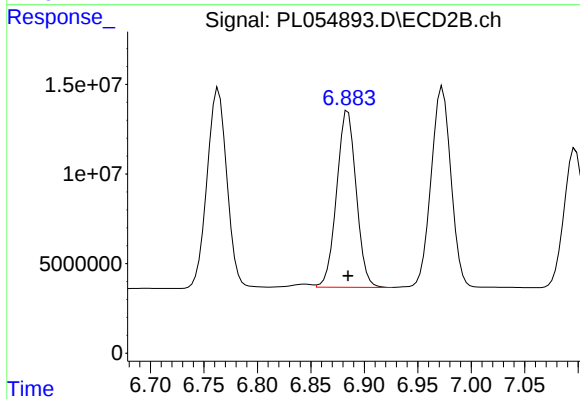
#15 Endosulfan II

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 145478919
Conc: 61.88 ng/ml



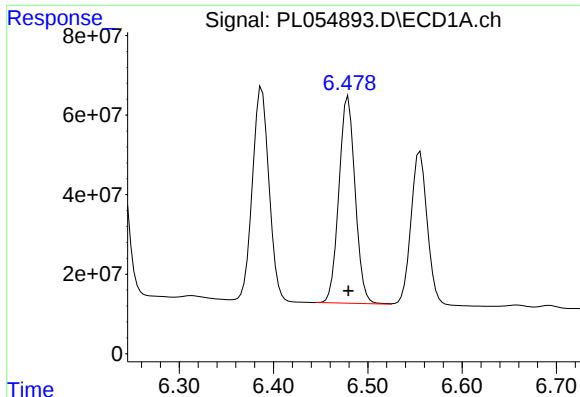
#16 4,4'-DDD

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 583423357
Conc: 59.73 ng/ml



#16 4,4'-DDD

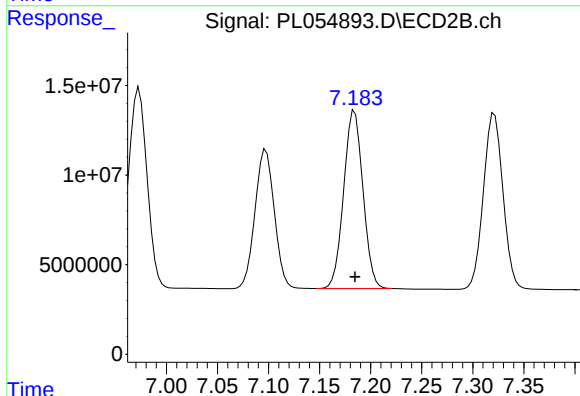
R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 125606682
Conc: 65.42 ng/ml



#17 4,4'-DDT

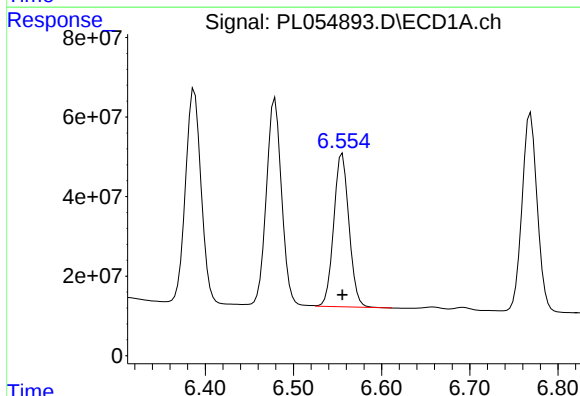
R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 622105860
Conc: 59.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



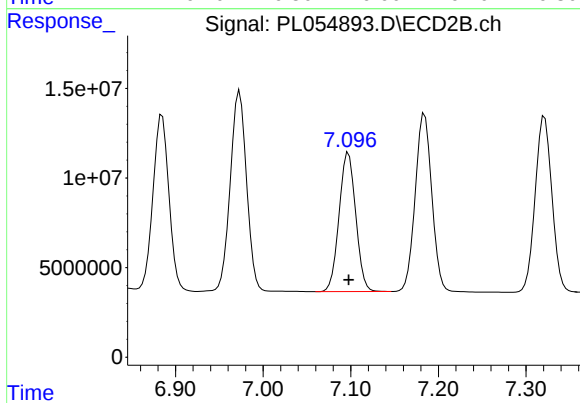
#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 130354913
Conc: 65.79 ng/ml



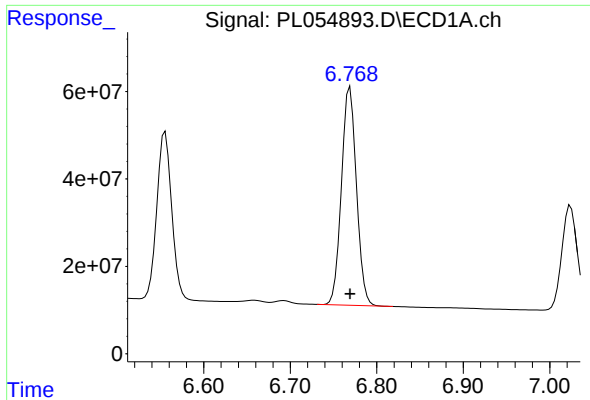
#18 Endrin aldehyde

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 461108987
Conc: 46.56 ng/ml



#18 Endrin aldehyde

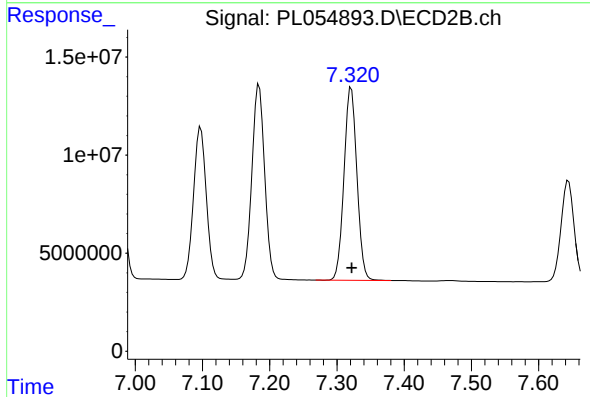
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 102554945
Conc: 52.32 ng/ml



#19 Endosulfan Sulfate

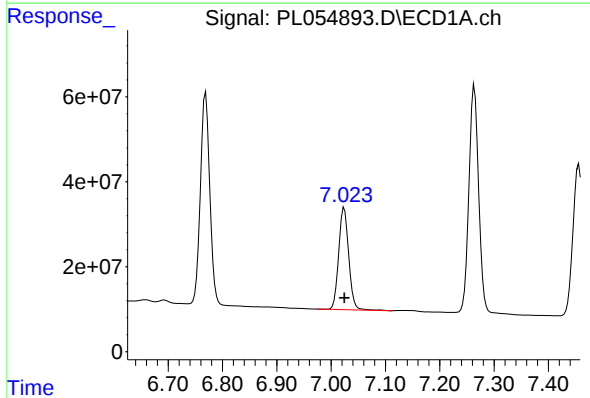
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 597126279
Conc: 55.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



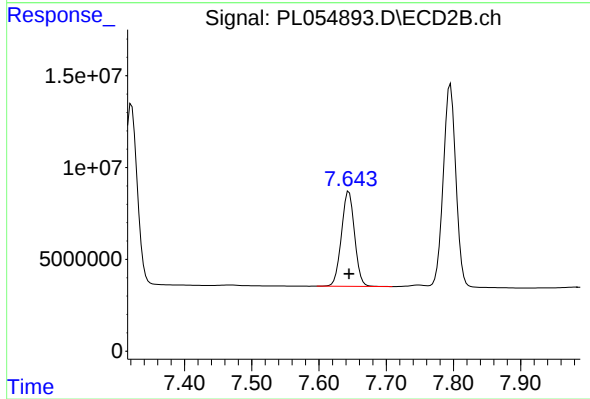
#19 Endosulfan Sulfate

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 131074724
Conc: 61.81 ng/ml



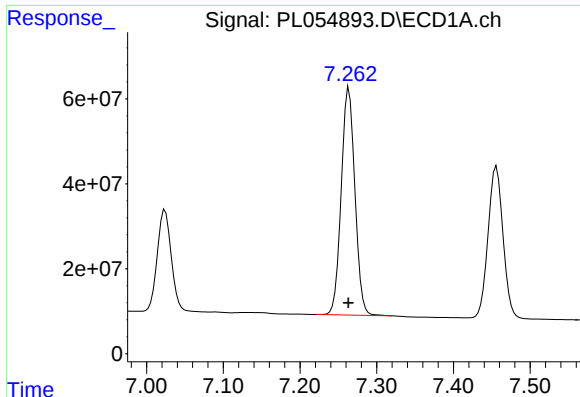
#20 Methoxychlor

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 308607676
Conc: 61.58 ng/ml



#20 Methoxychlor

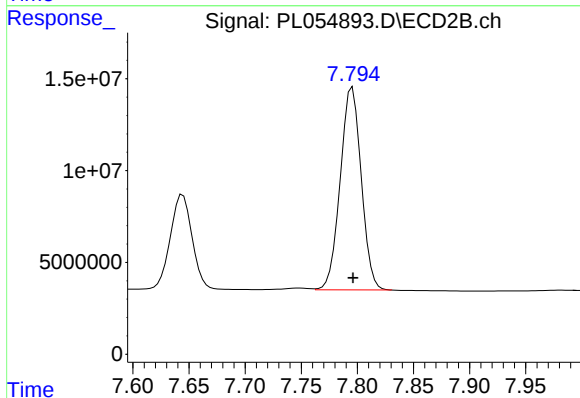
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 69889464
Conc: 61.27 ng/ml



#21 Endrin ketone

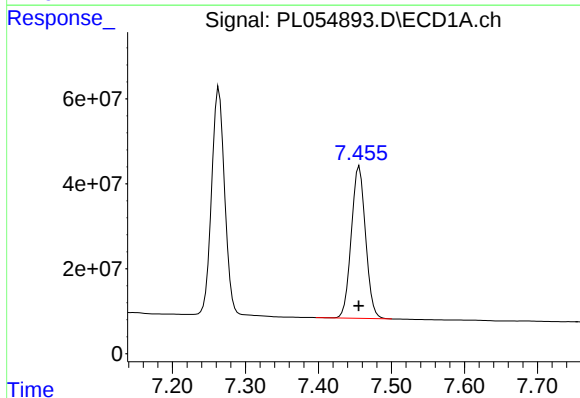
R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 663808951
Conc: 61.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



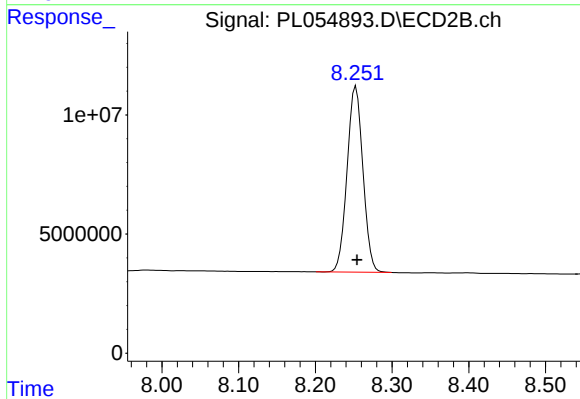
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 143609524
Conc: 63.80 ng/ml



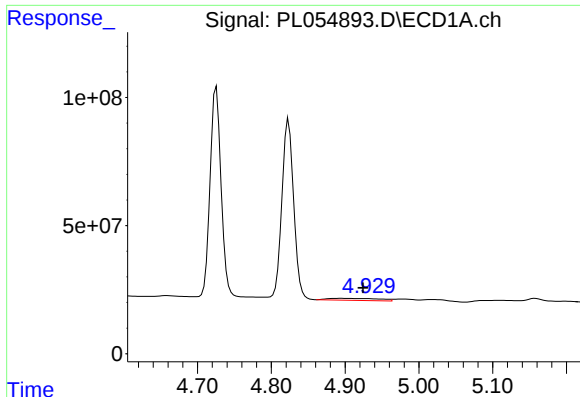
#22 Mirex

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 485786747
Conc: 59.84 ng/ml



#22 Mirex

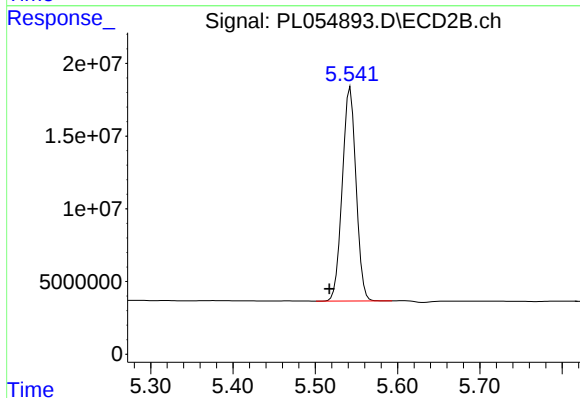
R.T.: 8.253 min
Delta R.T.: -0.001 min
Response: 112700135
Conc: 65.21 ng/ml



#24 Chlordane-2

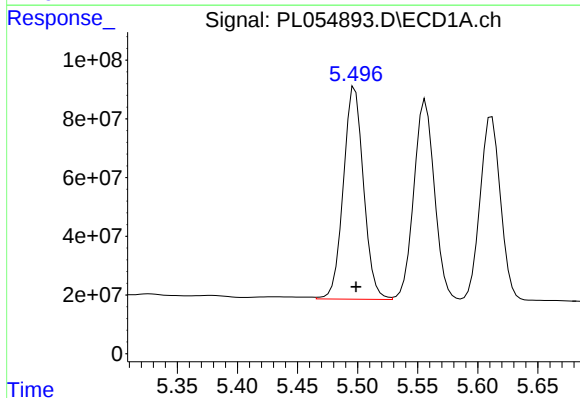
R.T.: 4.895 min
Delta R.T.: -0.029 min
Response: 36638964
Conc: 84.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



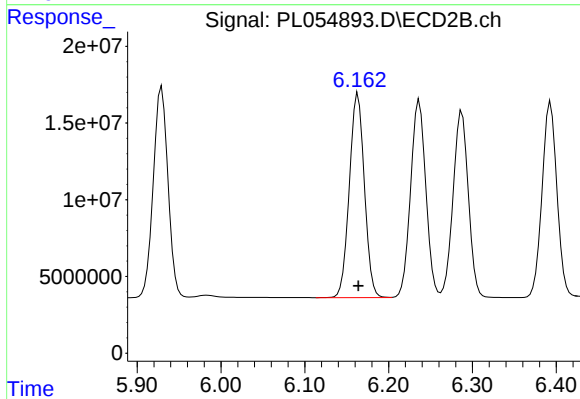
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.025 min
Response: 171101794
Conc: 1909.11 ng/ml



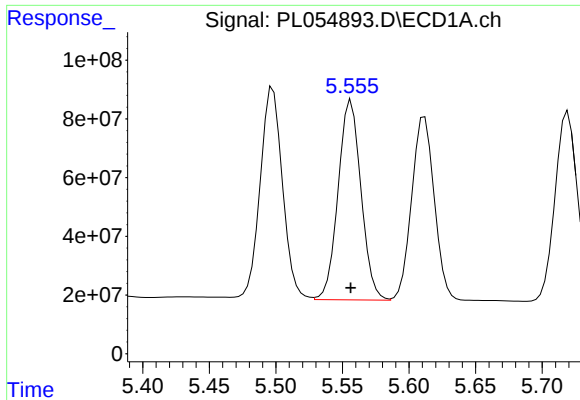
#25 Chlordane-3

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 846890986
Conc: 659.51 ng/ml



#25 Chlordane-3

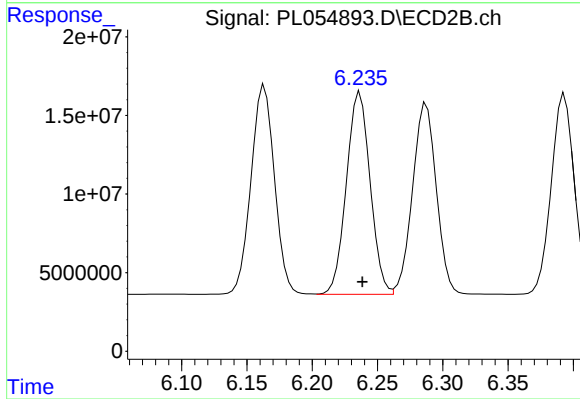
R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 166595275
Conc: 536.71 ng/ml



#26 Chlordane-4

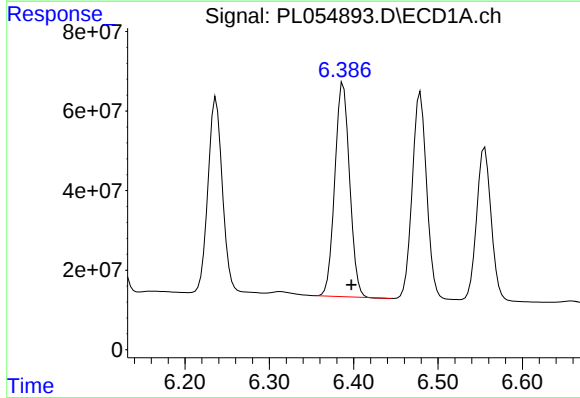
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 815857747
Conc: 772.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



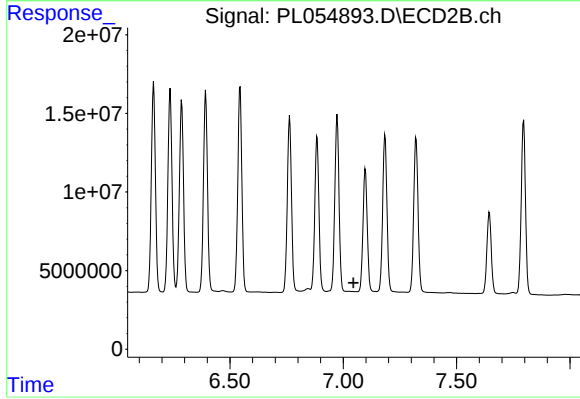
#26 Chlordane-4

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 162935935
Conc: 433.01 ng/ml



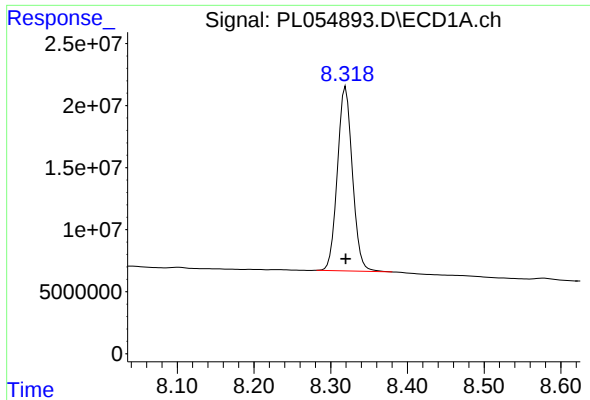
#27 Chlordane-5

R.T.: 6.388 min
Delta R.T.: -0.010 min
Response: 655885311
Conc: 1742.05 ng/ml



#27 Chlordane-5

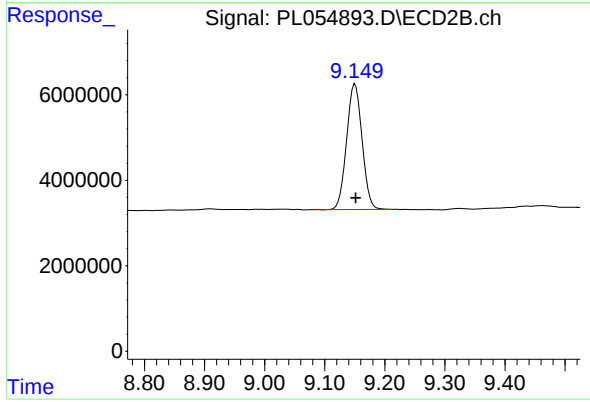
R.T.: 0.000 min
Exp R.T.: 7.045 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 201557166
Conc: 21.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-1MSD



#28 Decachlorobiphenyl

R.T.: 9.150 min
Delta R.T.: -0.001 min
Response: 52438806
Conc: 21.87 ng/ml