

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040424\
 Data File : PL088928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2024 14:12
 Operator : AR\AJ
 Sample : P1974-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:27:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.633	2.850	54105968	28329031	20.418	21.256
28)	SA Decachlor...	9.305	8.079	32715154	21812943	13.235	16.087
Target Compounds							
2)	A alpha-BHC	4.098	3.364	239.0E6	126.1E6	59.868	62.764
3)	MA gamma-BHC...	4.437	3.702	226.4E6	119.3E6	58.372	62.175
4)	MA Heptachlor	5.037	4.049	220.7E6	117.6E6	58.118	65.318
5)	MB Aldrin	5.384	4.335	208.4E6	114.1E6	56.862	63.120
6)	B beta-BHC	4.635	4.003	98873479	52305468	55.752	61.016
7)	B delta-BHC	4.886	4.238	220.6E6	116.1E6	54.766	60.678
8)	B Heptachlo...	5.816	4.845	201.2E6	105.5E6	58.573	64.124
9)	A Endosulfan I	6.207	5.222	179.8E6	97360037	58.825	64.766
10)	B gamma-Chl...	6.076	5.100	210.8E6	111.3E6	63.298	67.169
11)	B alpha-Chl...	6.156	5.165	200.0E6	110.2E6	60.178	66.388
12)	B 4,4'-DDE	6.331	5.358	174.1E6	101.0E6	58.277	69.262
13)	MA Dieldrin	6.486	5.491	192.2E6	109.7E6	59.271	67.549
14)	MA Endrin	6.719	5.770	156.5E6	96199219	57.265	66.739
15)	B Endosulfa...	6.940	6.068	166.6E6	94520730	58.155	65.736
16)	A 4,4'-DDD	6.854	5.920	153.1E6	85034465	60.109	68.280
17)	MA 4,4'-DDT	7.172	6.175	155.4E6	89965264	58.313	67.028
18)	B Endrin al...	7.071	6.249	109.3E6	68761192	52.373	65.615 #
19)	B Endosulfa...	7.309	6.475	157.8E6	91210328	57.138	65.740
20)	A Methoxychlor	7.654	6.759	81877671	49906050	54.349	62.222
21)	B Endrin ke...	7.801	6.989	174.9E6	106.5E6	59.150	64.519
22)	Mirex	8.283	7.175	134.1E6	86660804	57.213	64.268
23)	Chlordane-1	0.000	3.873	0	155584	N.D.	3.204 #
24)	Chlordane-2	5.384f	4.474	208.4E6	446307	1584.927	7.351 #
25)	Chlordane-3	6.076	5.100	210.8E6	111.3E6	424.013	651.857 #
26)	Chlordane-4	6.156	5.165	200.0E6	110.2E6	333.464	690.738 #
27)	Chlordane-5	0.000	5.845	0	598386	N.D.	11.799 #

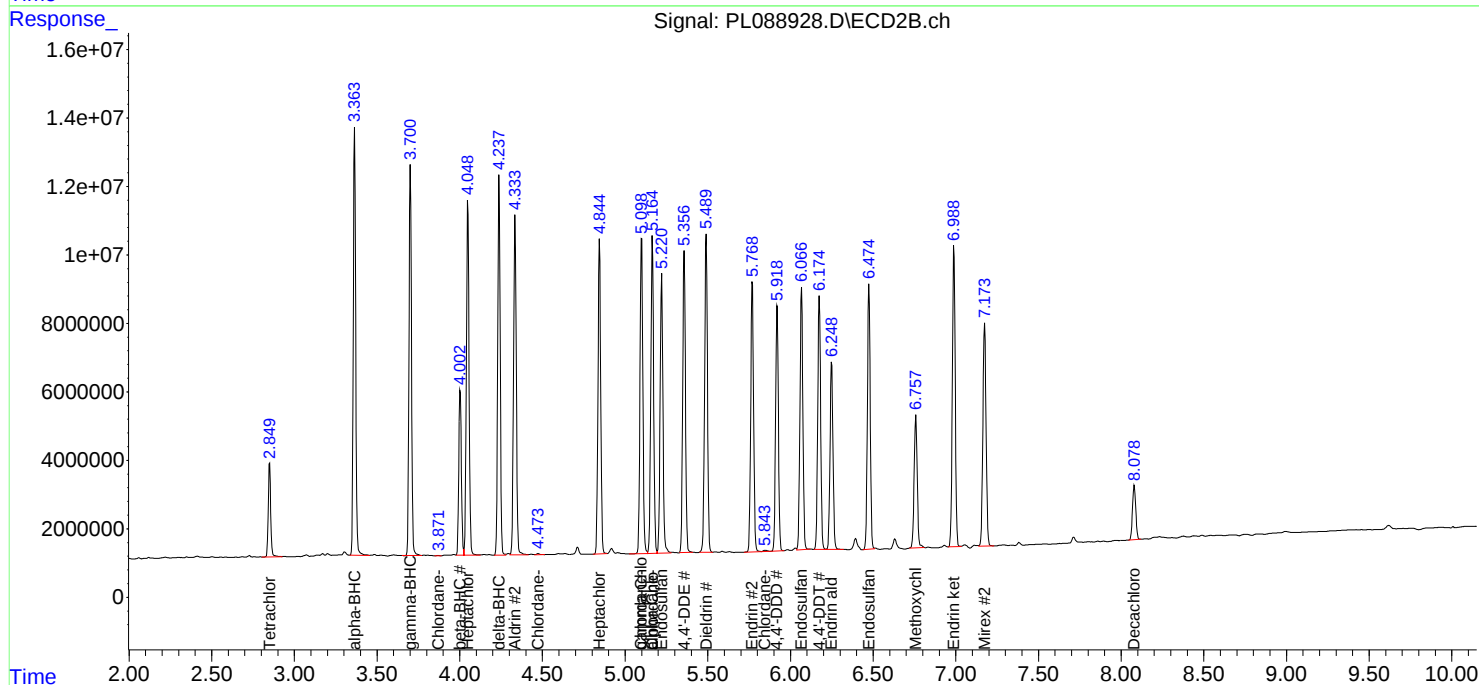
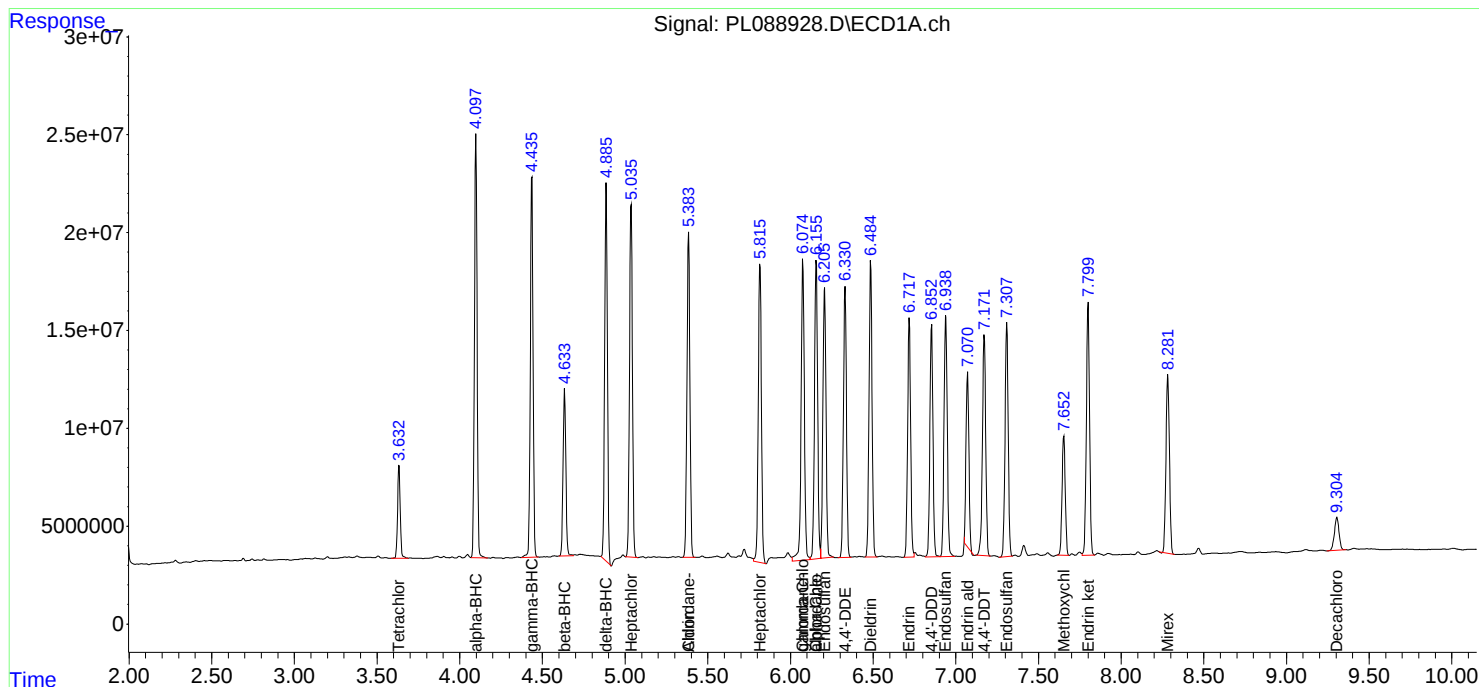
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

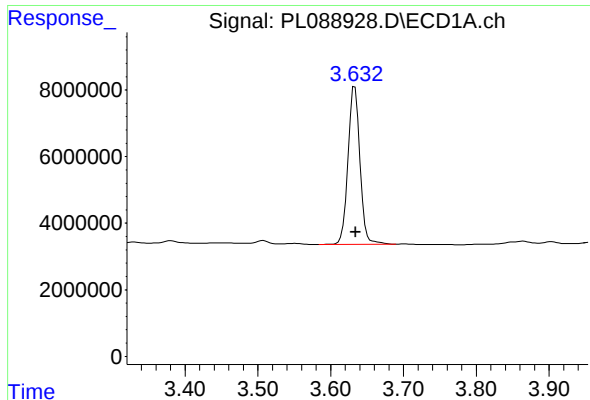
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040424\
Data File : PL088928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

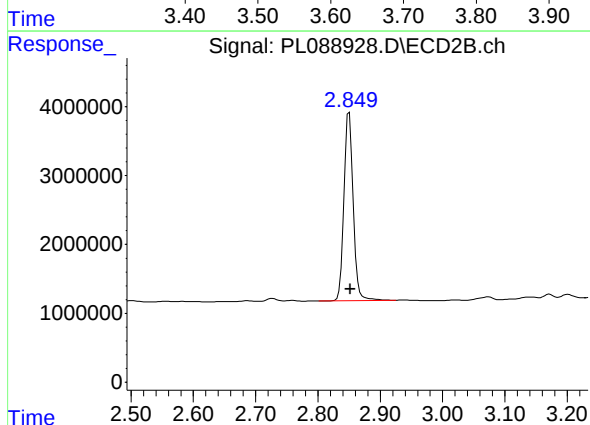




#1 Tetrachloro-m-xylene

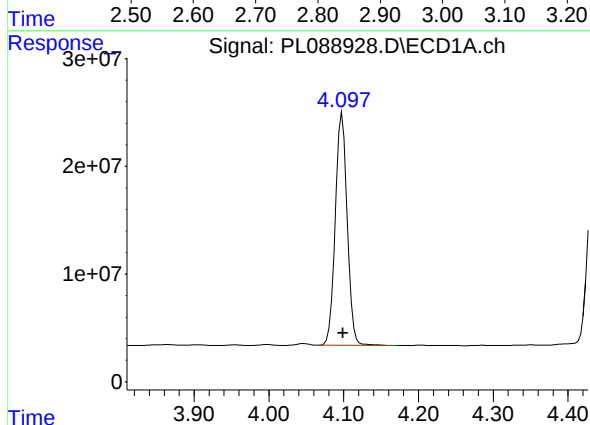
R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 54105968
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



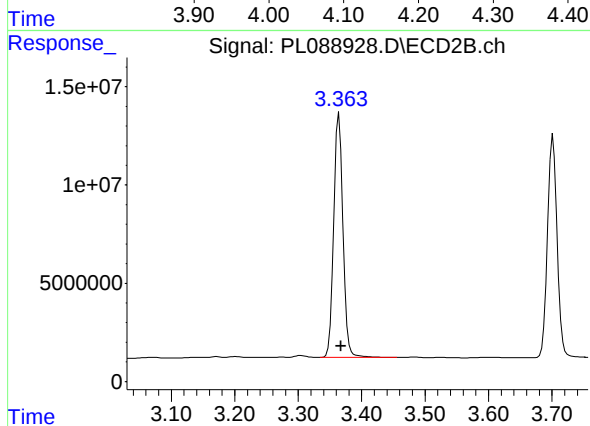
#1 Tetrachloro-m-xylene

R.T.: 2.850 min
Delta R.T.: -0.002 min
Response: 28329031
Conc: 21.26 ng/ml



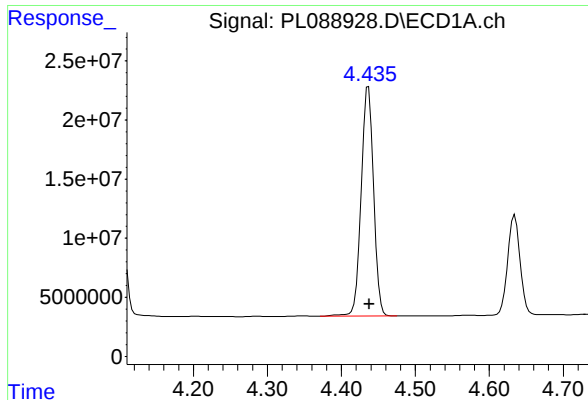
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 238974846
Conc: 59.87 ng/ml



#2 alpha-BHC

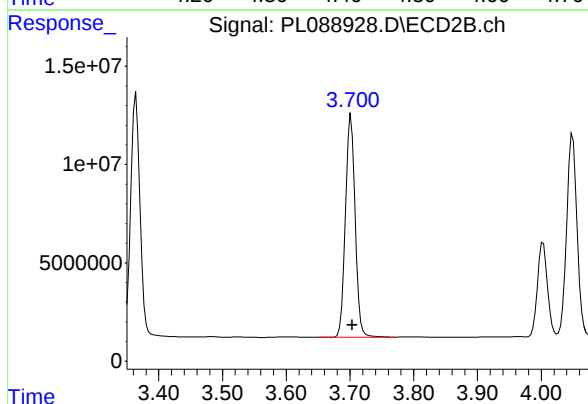
R.T.: 3.364 min
Delta R.T.: -0.003 min
Response: 126122348
Conc: 62.76 ng/ml



#3 gamma-BHC (Lindane)

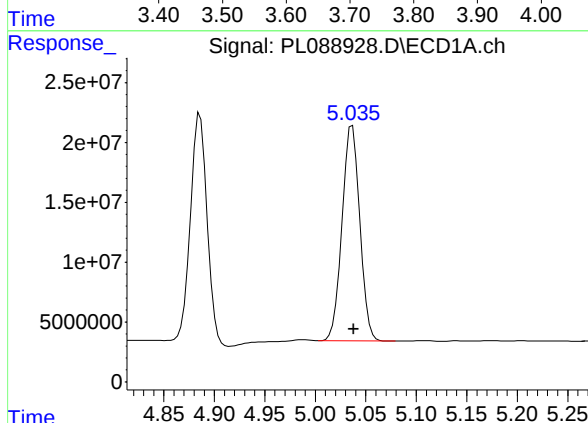
R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 226377596
Conc: 58.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



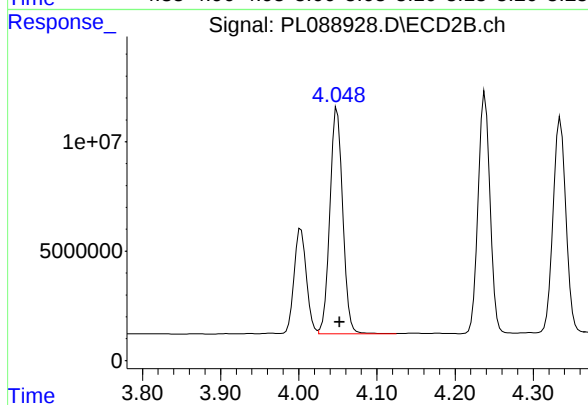
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 119322046
Conc: 62.18 ng/ml



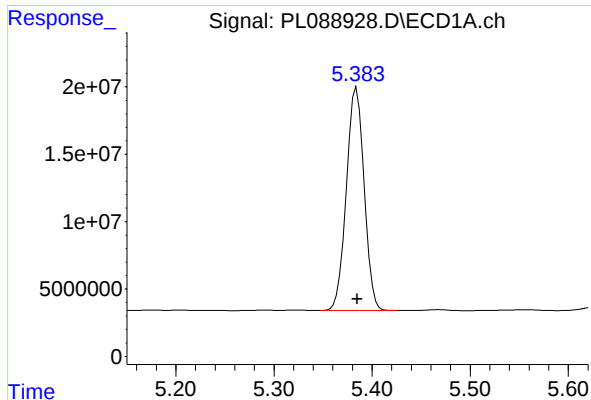
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 220698776
Conc: 58.12 ng/ml



#4 Heptachlor

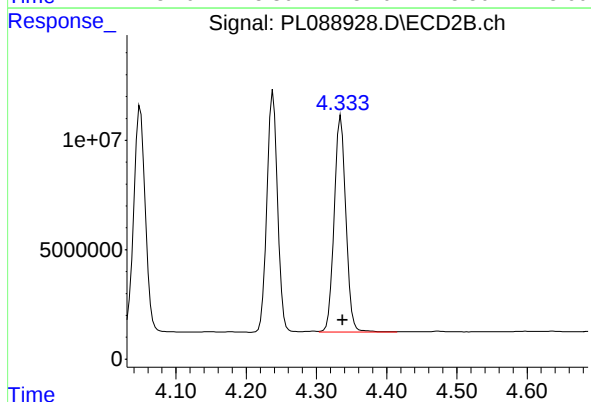
R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 117555632
Conc: 65.32 ng/ml



#5 Aldrin

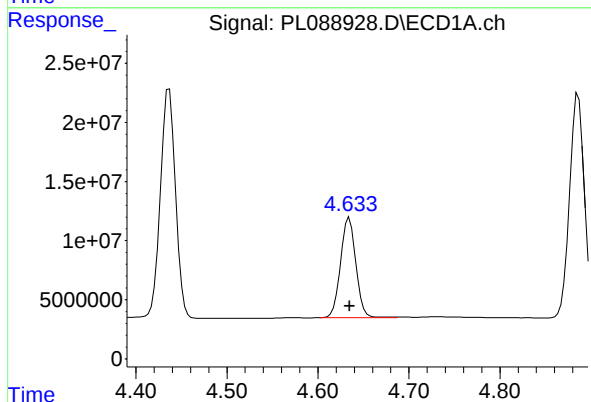
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 208367846
Conc: 56.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



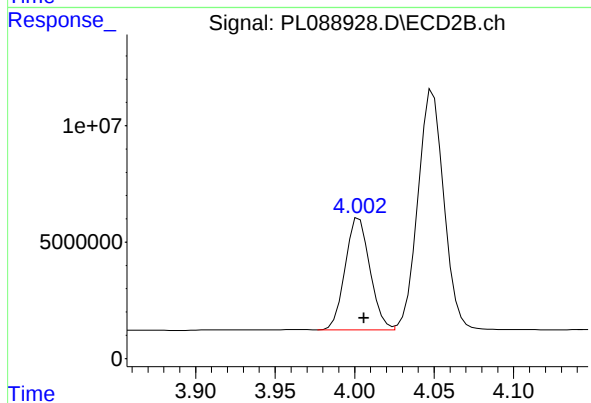
#5 Aldrin

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 114062277
Conc: 63.12 ng/ml



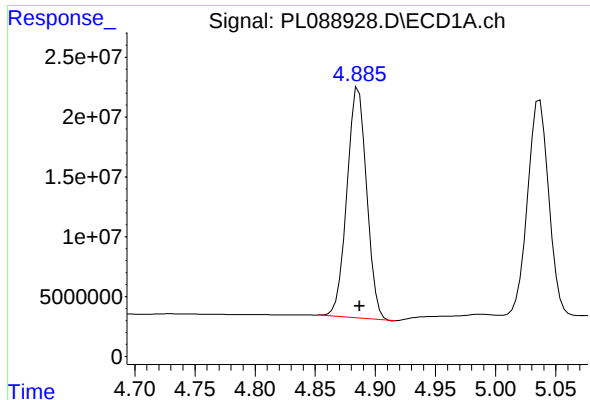
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 98873479
Conc: 55.75 ng/ml



#6 beta-BHC

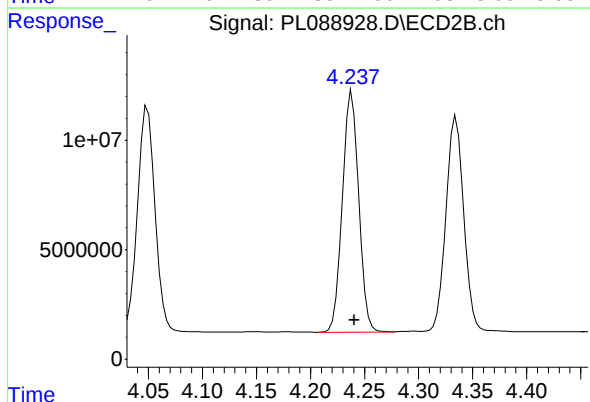
R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 52305468
Conc: 61.02 ng/ml



#7 delta-BHC

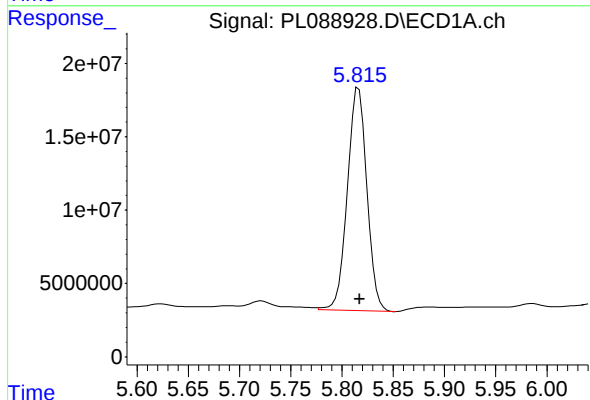
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 220608265
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



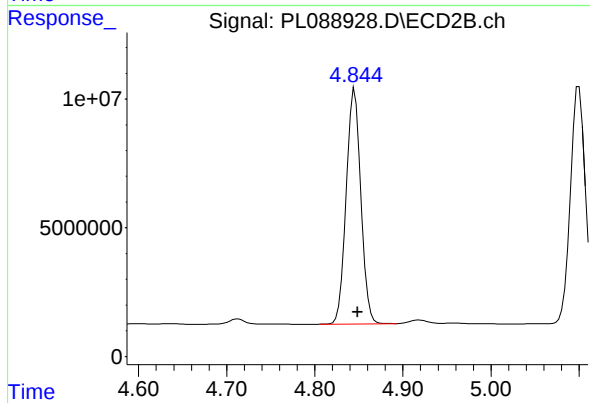
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 116081226
Conc: 60.68 ng/ml



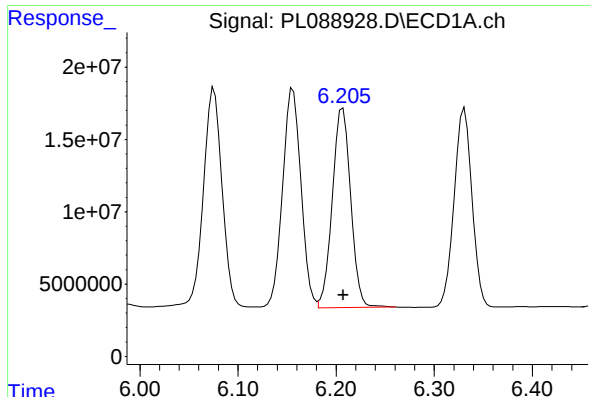
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 201197750
Conc: 58.57 ng/ml



#8 Heptachlor epoxide

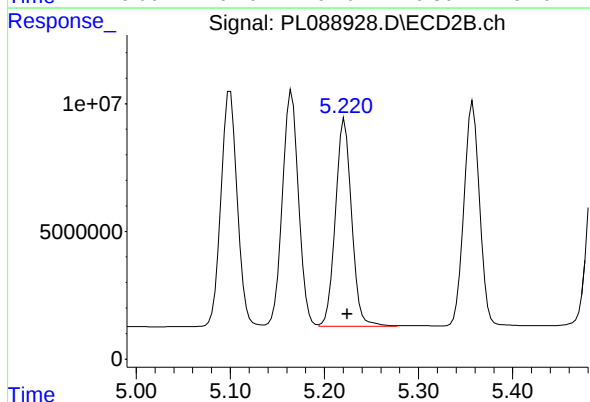
R.T.: 4.845 min
Delta R.T.: -0.004 min
Response: 105452132
Conc: 64.12 ng/ml



#9 Endosulfan I

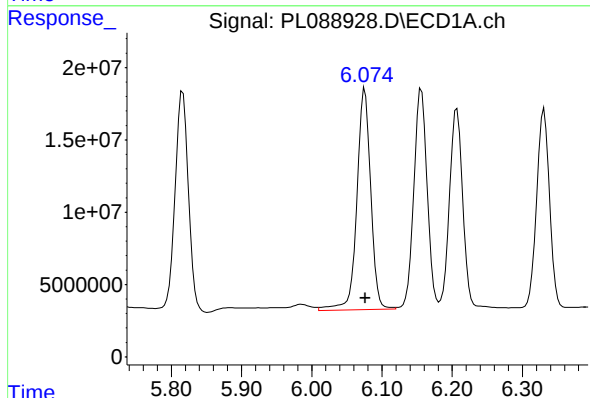
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 179795144
Conc: 58.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



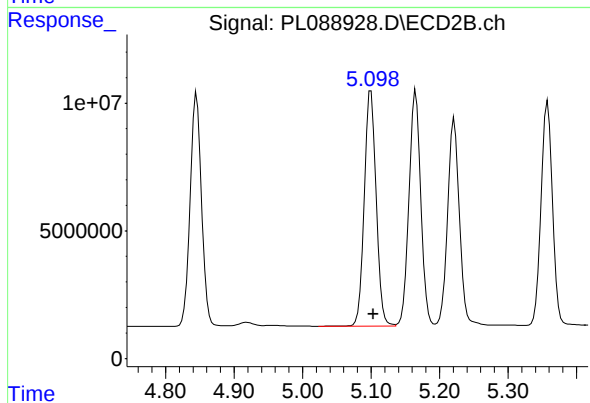
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 97360037
Conc: 64.77 ng/ml



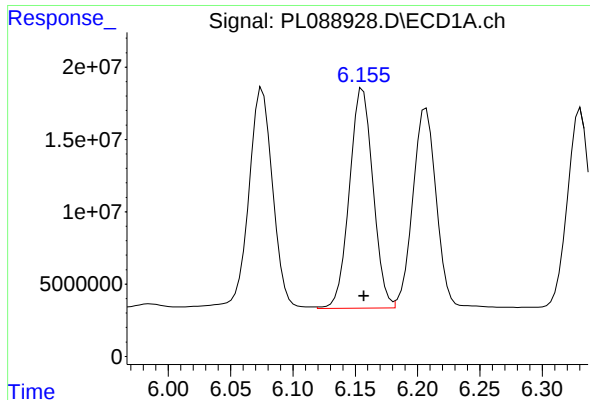
#10 gamma-Chlordane

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 210834445
Conc: 63.30 ng/ml



#10 gamma-Chlordane

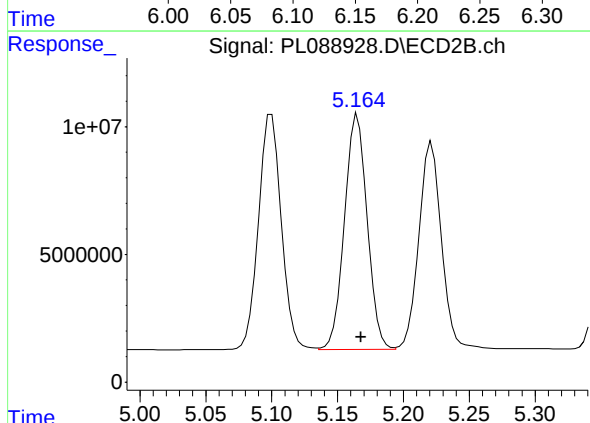
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 111252956
Conc: 67.17 ng/ml



#11 alpha-Chlordane

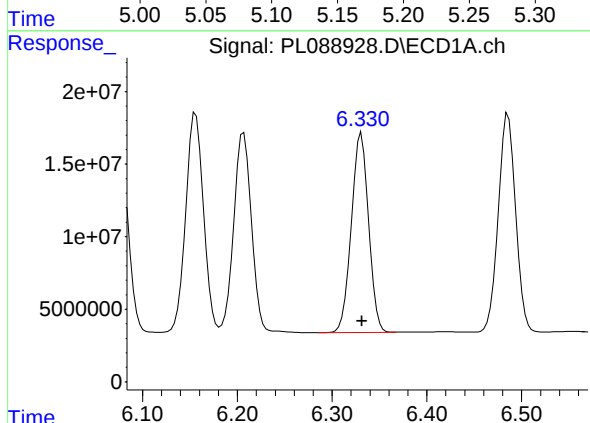
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 200034063
Conc: 60.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



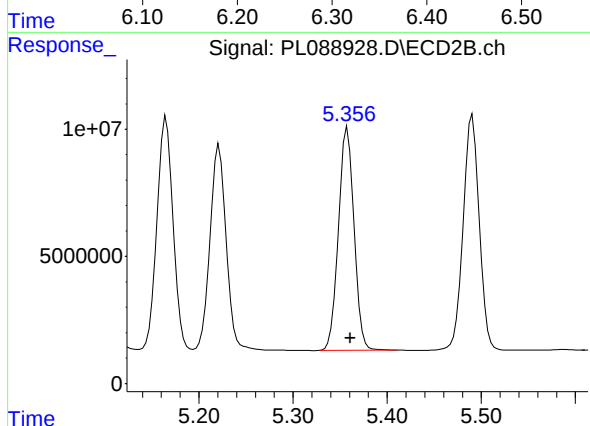
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 110200212
Conc: 66.39 ng/ml



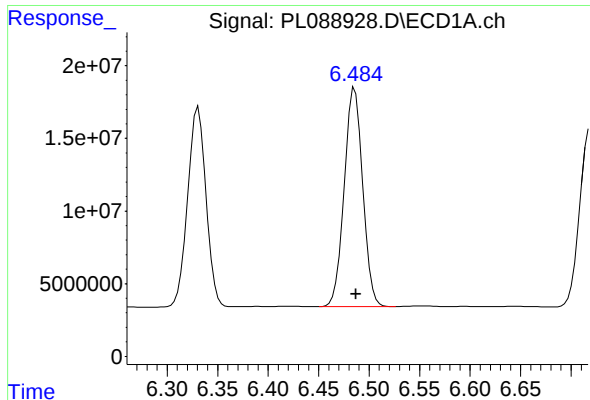
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 174114232
Conc: 58.28 ng/ml



#12 4,4'-DDE

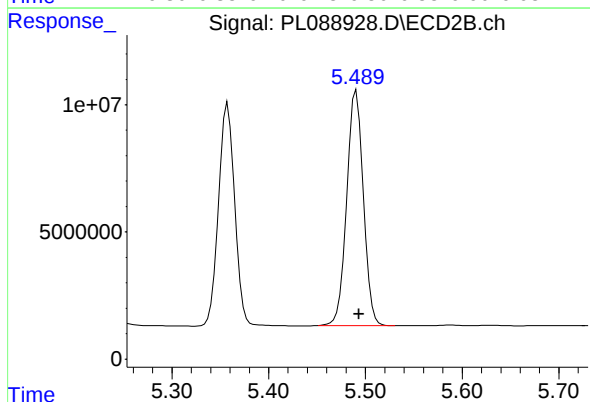
R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 101024701
Conc: 69.26 ng/ml



#13 Dieldrin

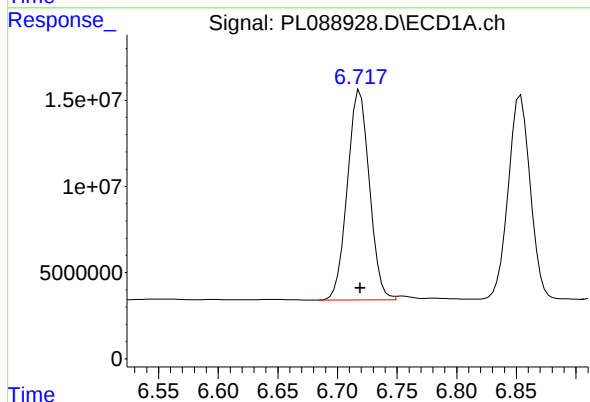
R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 192194580
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



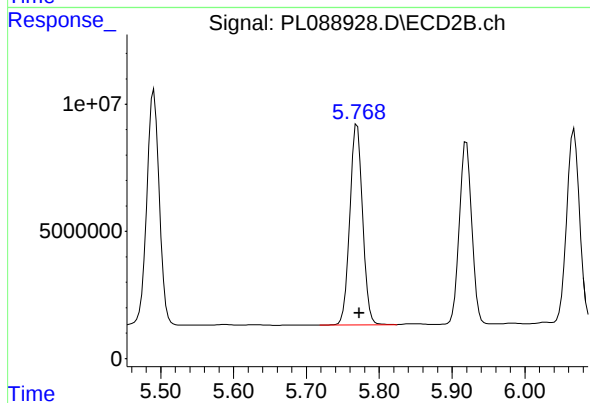
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 109710317
Conc: 67.55 ng/ml



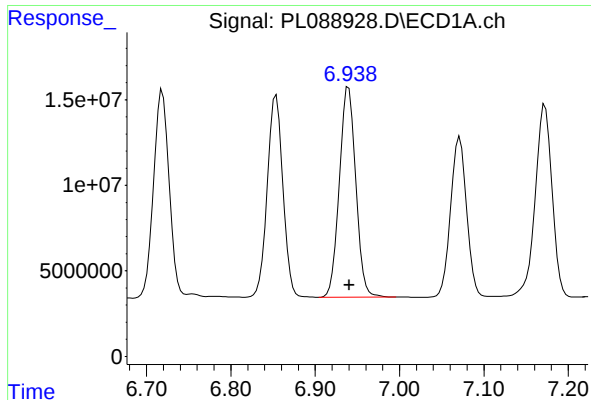
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 156545846
Conc: 57.26 ng/ml



#14 Endrin

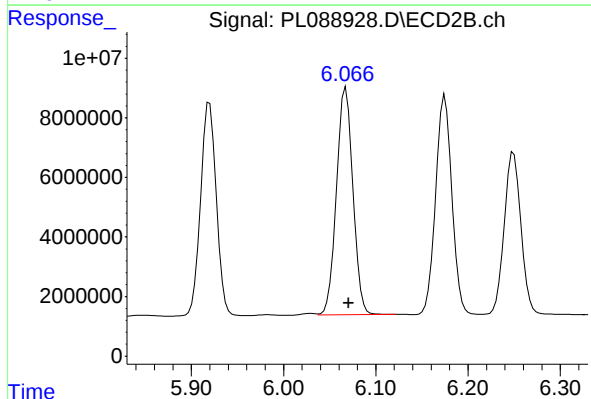
R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 96199219
Conc: 66.74 ng/ml



#15 Endosulfan II

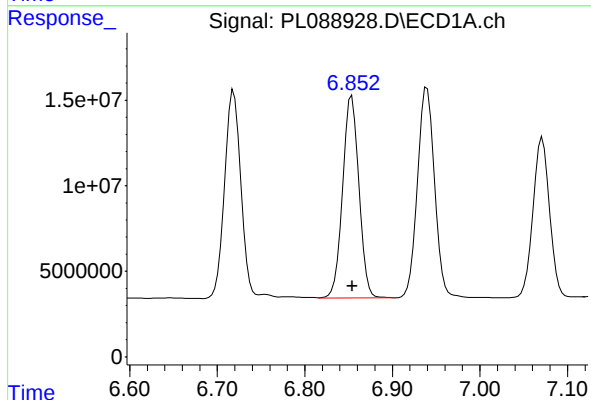
R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 166566564
Conc: 58.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



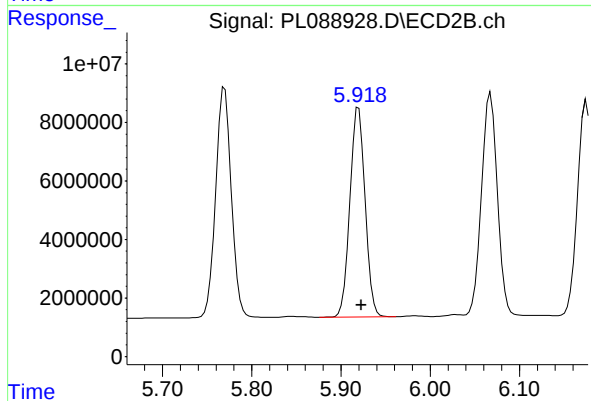
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 94520730
Conc: 65.74 ng/ml



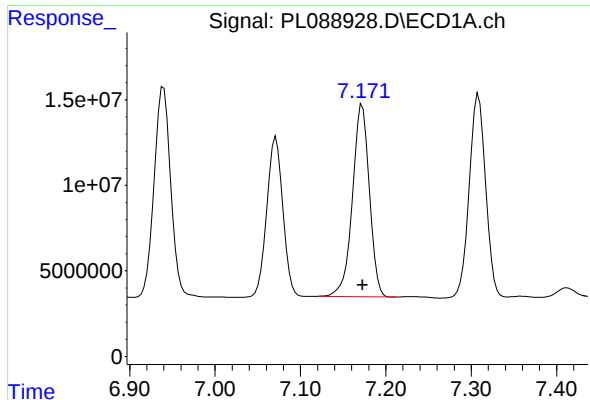
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 153083723
Conc: 60.11 ng/ml



#16 4,4'-DDD

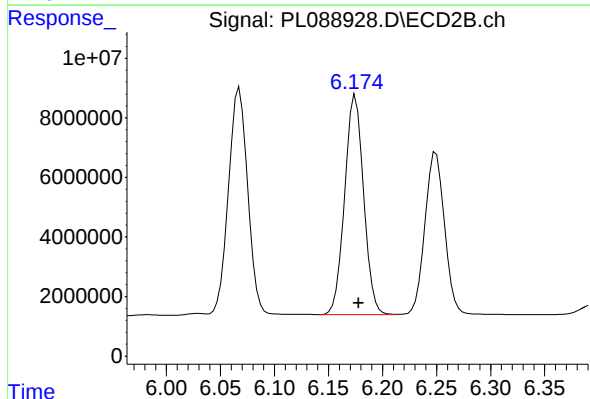
R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 85034465
Conc: 68.28 ng/ml



#17 4,4'-DDT

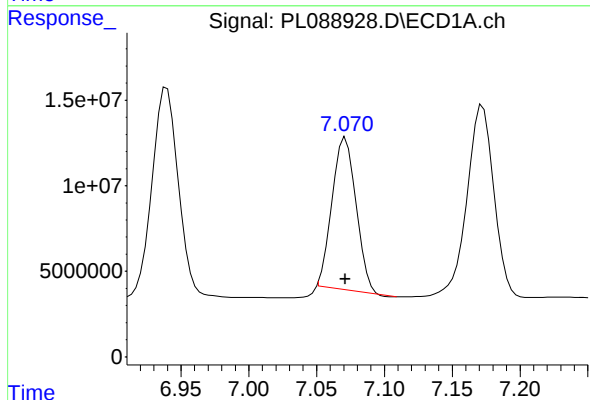
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 155432704
Conc: 58.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



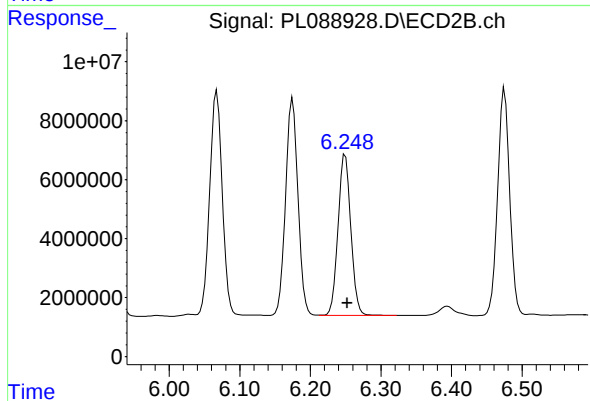
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 89965264
Conc: 67.03 ng/ml



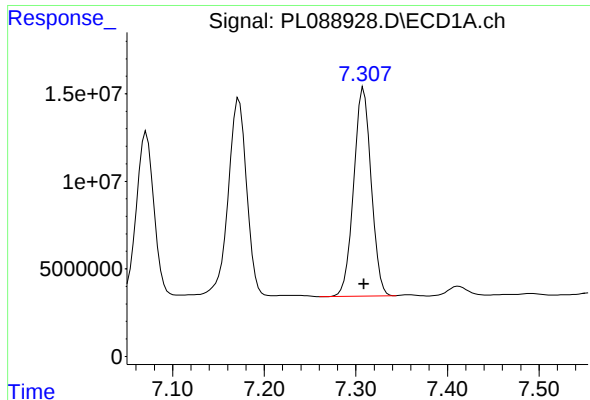
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 109346686
Conc: 52.37 ng/ml



#18 Endrin aldehyde

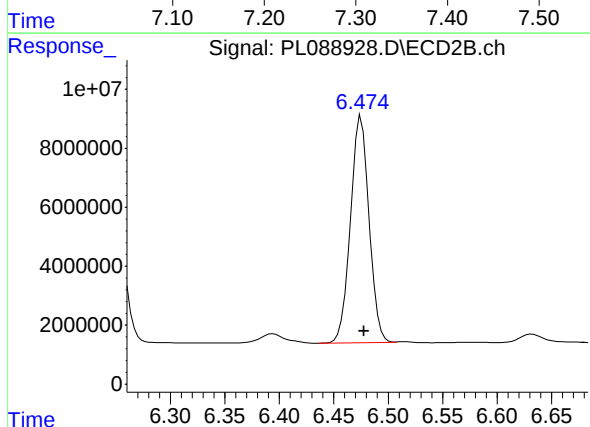
R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 68761192
Conc: 65.62 ng/ml



#19 Endosulfan Sulfate

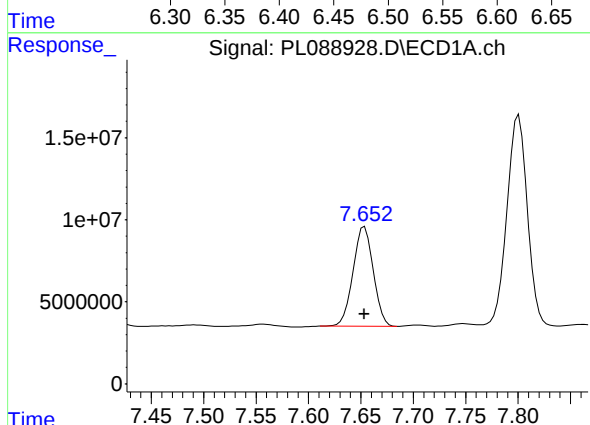
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 157774002
Conc: 57.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



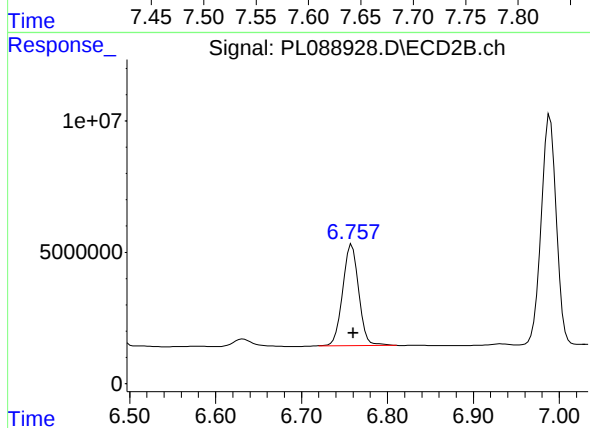
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 91210328
Conc: 65.74 ng/ml



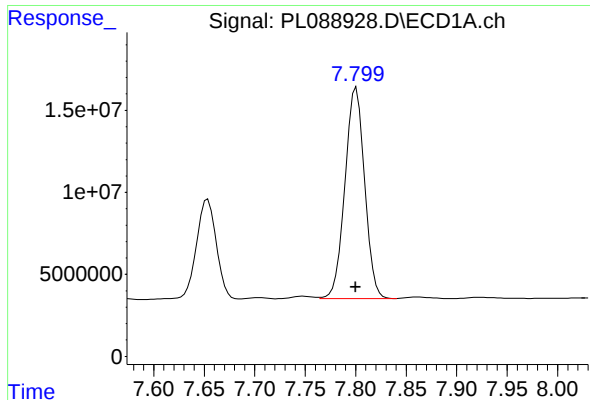
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 81877671
Conc: 54.35 ng/ml



#20 Methoxychlor

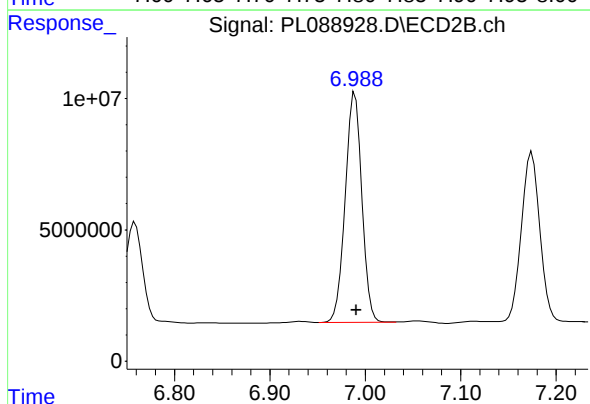
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 49906050
Conc: 62.22 ng/ml



#21 Endrin ketone

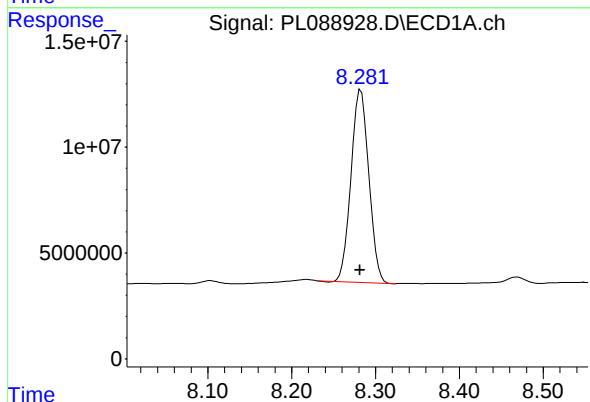
R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 174870546
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



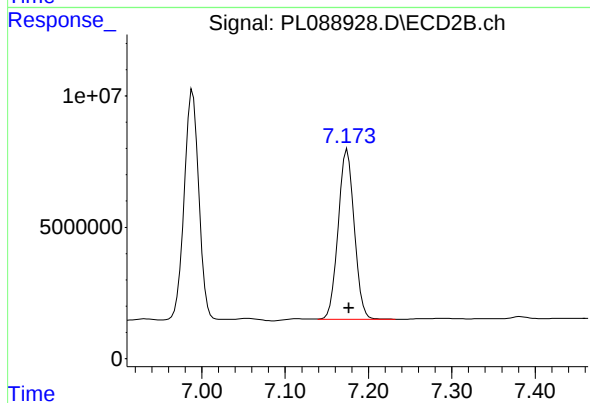
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.001 min
Response: 106502327
Conc: 64.52 ng/ml



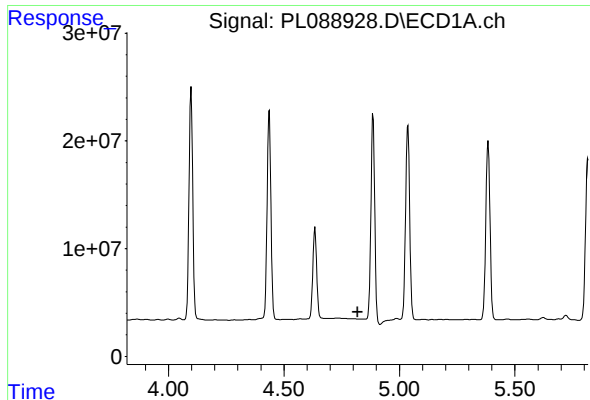
#22 Mirex

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 134136426
Conc: 57.21 ng/ml



#22 Mirex

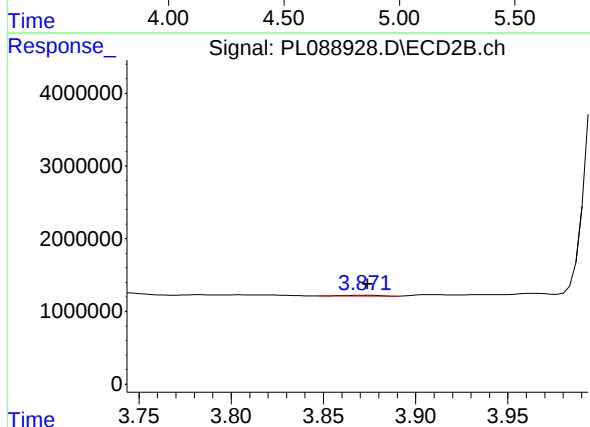
R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 86660804
Conc: 64.27 ng/ml



#23 Chlordane-1

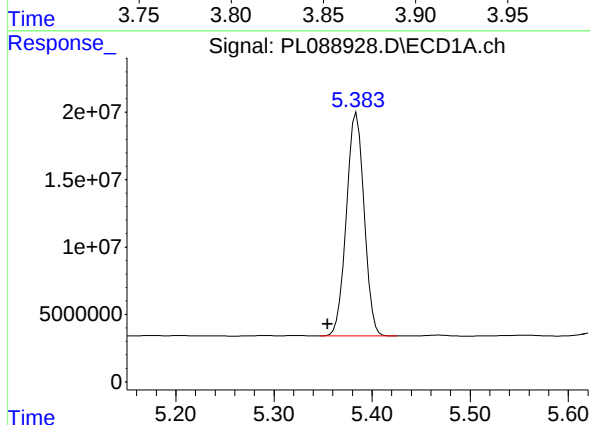
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



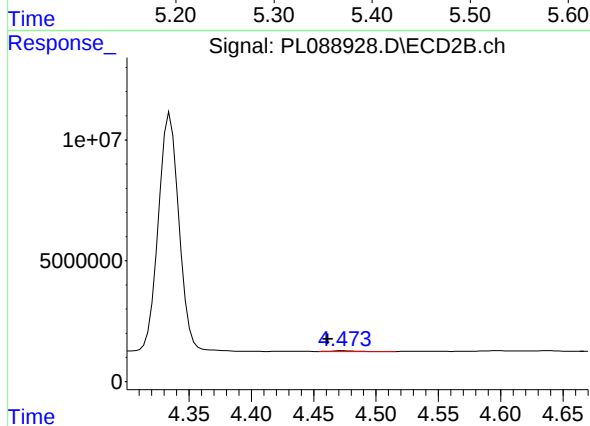
#23 Chlordane-1

R.T.: 3.873 min
Delta R.T.: -0.002 min
Response: 155584
Conc: 3.20 ng/ml



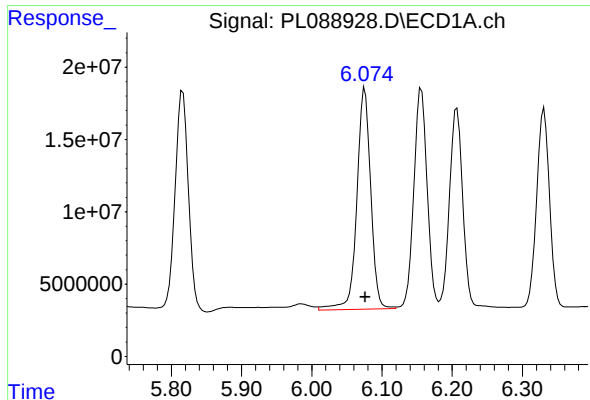
#24 Chlordane-2

R.T.: 5.384 min
Delta R.T.: 0.029 min
Response: 208367846
Conc: 1584.93 ng/ml



#24 Chlordane-2

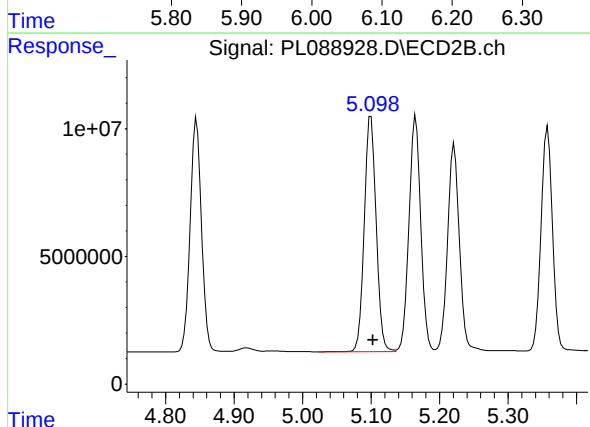
R.T.: 4.474 min
Delta R.T.: 0.013 min
Response: 446307
Conc: 7.35 ng/ml



#25 Chlordane-3

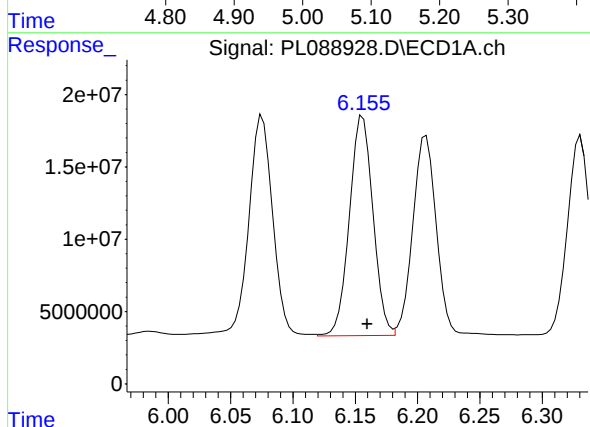
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 210834445
Conc: 424.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



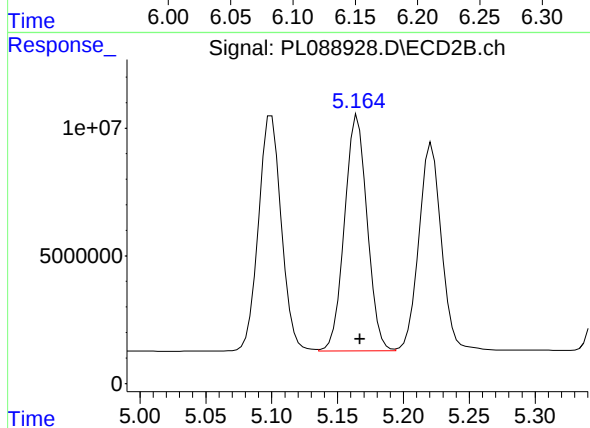
#25 Chlordane-3

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 111252956
Conc: 651.86 ng/ml



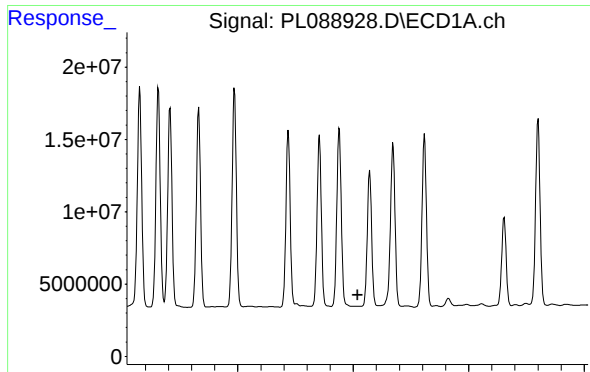
#26 Chlordane-4

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 200034063
Conc: 333.46 ng/ml



#26 Chlordane-4

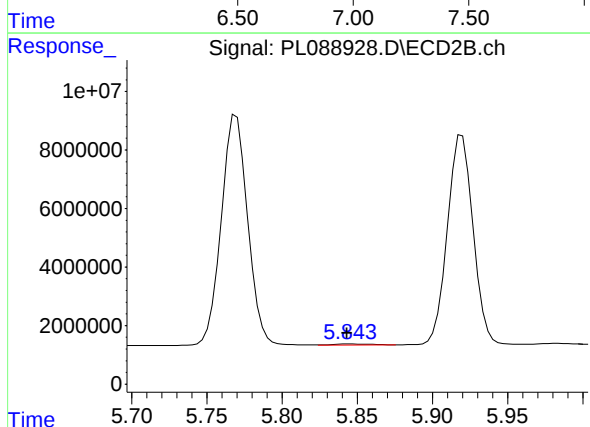
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 110200212
Conc: 690.74 ng/ml



#27 Chlordane-5

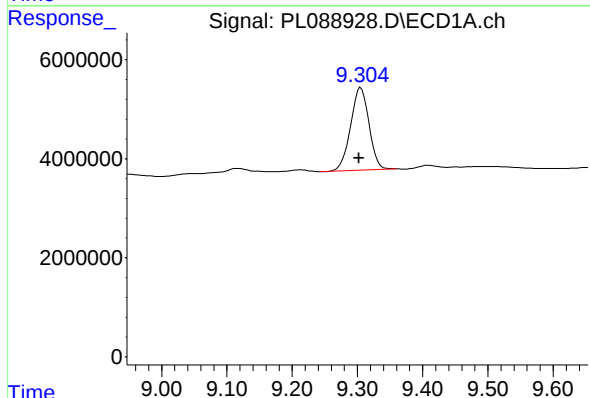
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL-2MSD



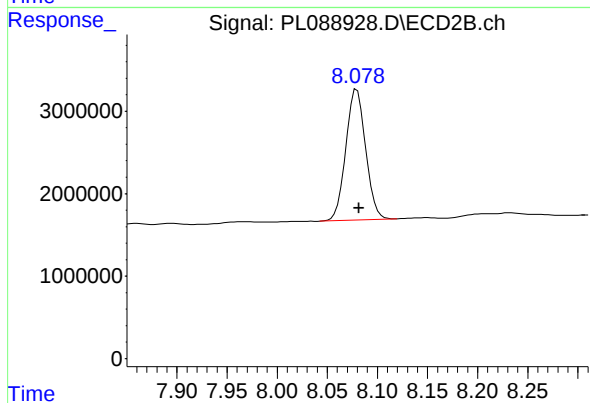
#27 Chlordane-5

R.T.: 5.845 min
Delta R.T.: 0.002 min
Response: 598386
Conc: 11.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.003 min
Response: 32715154
Conc: 13.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.002 min
Response: 21812943
Conc: 16.09 ng/ml