

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
 Data File : PL055888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 00:55
 Operator : AJ\MA
 Sample : L1161-02
 Misc : LOQ 5 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:35:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 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...	3.490	3.967	210.6E6	64009271	21.969	22.648
28)	SA Decachlor...	8.233	8.952	252.3E6	55513750	24.134	24.232
Target Compounds							
2)	A alpha-BHC	3.927	4.350	84770146	20650116	5.109	4.869
3)	MA gamma-BHC...	4.210	4.630	69440640	20121120	4.577	5.072
4)	MA Heptachlor	4.511	5.129	74404408	19022822	4.983	5.626
5)	MB Aldrin	4.759	5.428	73315336	19224752	5.009	5.608
6)	B beta-BHC	4.459	4.798	35579766	10905949	5.544	6.872
7)	B delta-BHC	4.664	5.012	62644511	10308883	4.274	3.450
8)	B Heptachlor...	5.201	5.809	71357716	17251965	5.173	5.774
9)	A Endosulfan I	5.539	6.162	68331003	16887345	5.266	5.800
10)	B gamma-Chl...	5.427	6.041	72618288	17504178	5.176	5.676
11)	B alpha-Chl...	5.485	6.112	72374822	17749409	5.235	5.749
12)	B 4,4'-DDE	5.648	6.267	67214569	16152552	5.146	5.516
13)	MA Dieldrin	5.781	6.416	69734654	17247458	5.041	5.707
14)	MA Endrin	6.039	6.631	71399993	13935338	5.652	5.500
15)	B Endosulfa...	6.310	6.839	56934465	16026485	5.098	5.976
16)	A 4,4'-DDD	6.162	6.752	50545245	12544848	5.076	5.442
17)	MA 4,4'-DDT	6.402	7.047	45302188	12329286	4.476	5.461
18)	B Endrin al...	6.479	6.962	54453087	13750254	5.240	6.091
19)	B Endosulfa...	6.692	7.182	52132440	15181771	4.820	6.133 #
20)	A Methoxychlor	6.945	7.500	25489312	6792253	4.884	5.692
21)	B Endrin ke...	7.181	7.648	63679456	16082518	5.058	6.090
22)	Mirex	7.371	8.098	33109337	11232820	4.714	6.156 #
24)	Chlordane-2	0.000	5.428f	0	19224752	N.D.	174.380 #
25)	Chlordane-3	5.427	6.041	72618288	17504178	58.314	44.100
26)	Chlordane-4	5.485	6.112	72374822	17749409	70.189	37.811 #
27)	Chlordane-5	6.310	0.000	56934465	0	145.570	N.D. #

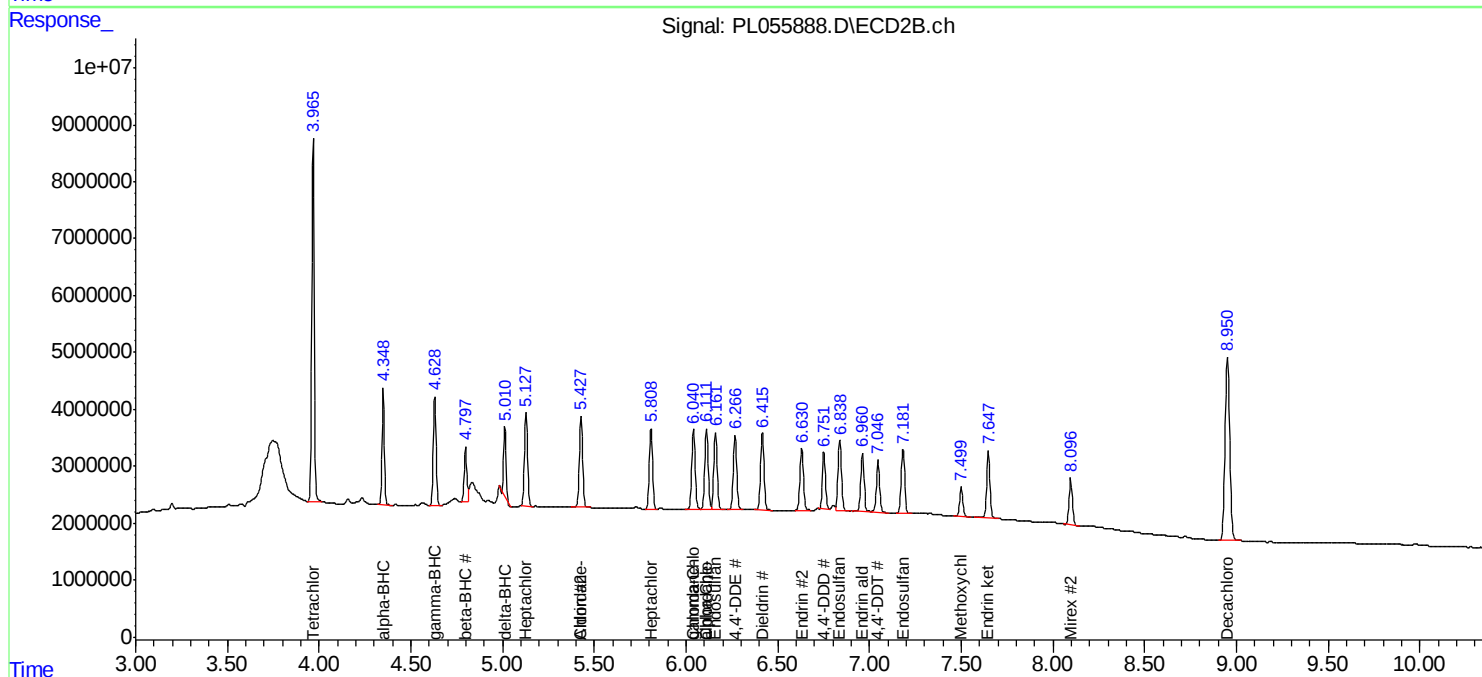
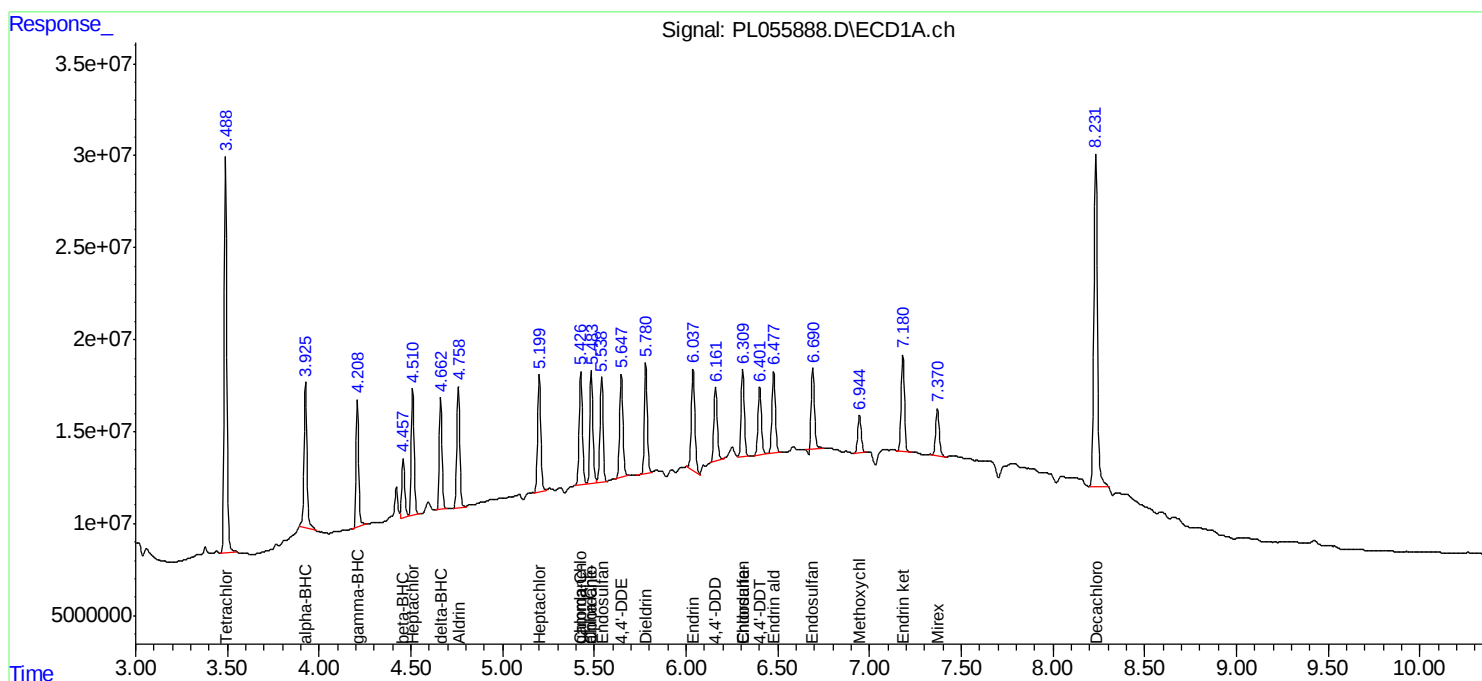
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

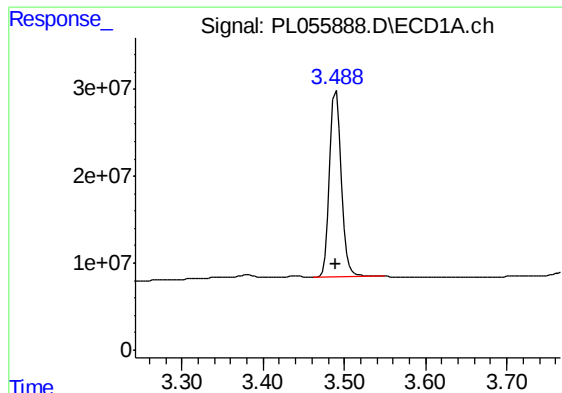
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
Data File : PL055888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 00:55
Operator : AJ\MA
Sample : L1161-02
Misc : LOQ 5 PPB
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 03:35:52 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
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

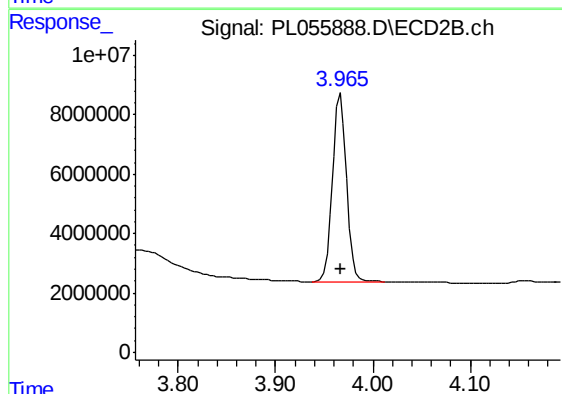




#1 Tetrachloro-m-xylene

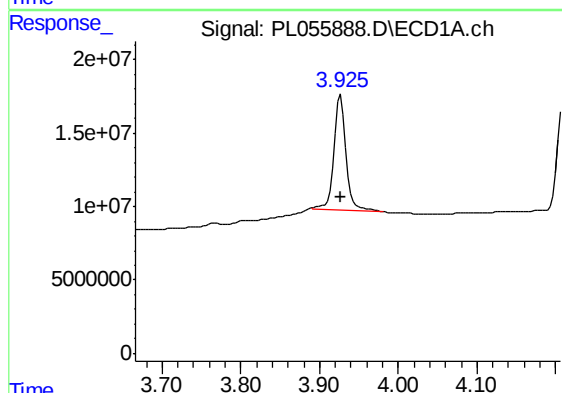
R.T.: 3.490 min
Delta R.T.: 0.000 min
Response: 210565880
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



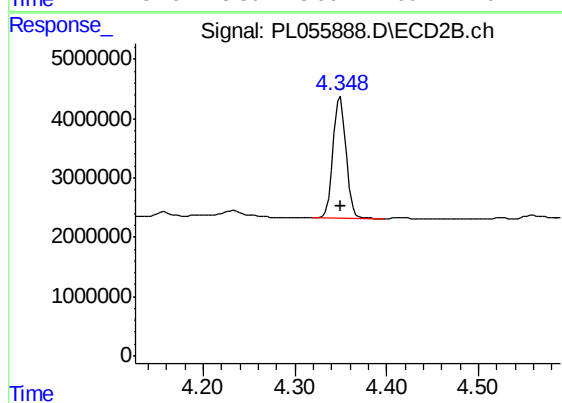
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 64009271
Conc: 22.65 ng/ml



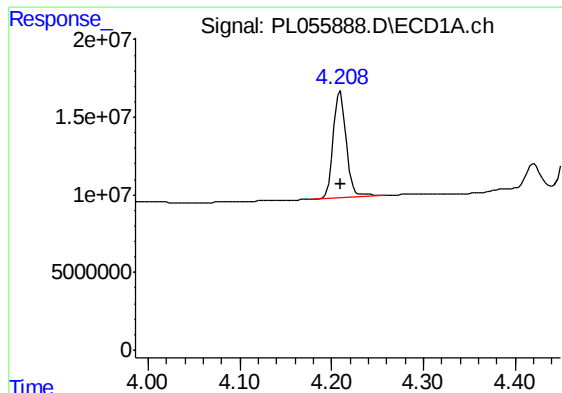
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 84770146
Conc: 5.11 ng/ml



#2 alpha-BHC

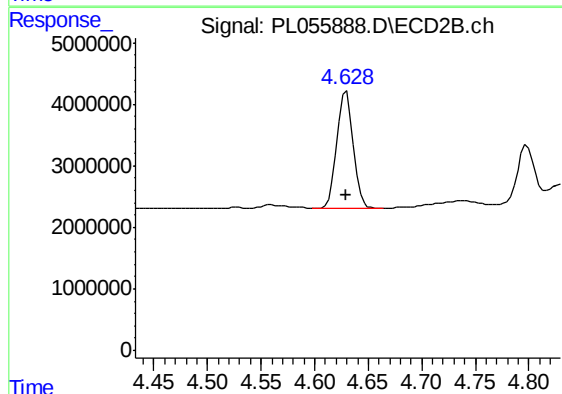
R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 20650116
Conc: 4.87 ng/ml



#3 gamma-BHC (Lindane)

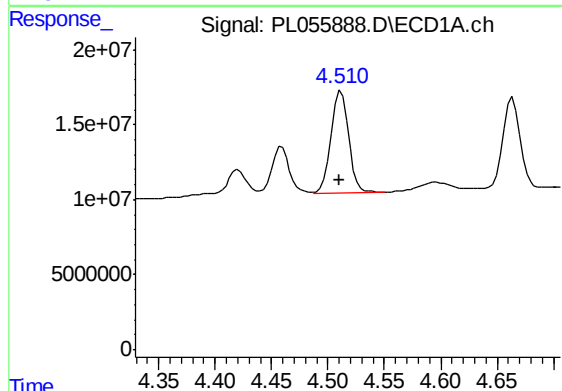
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 69440640
Conc: 4.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



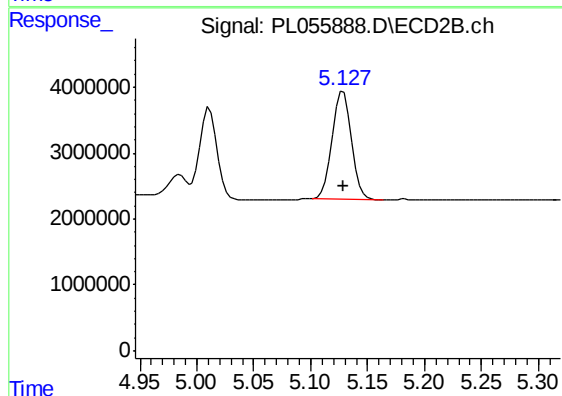
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 20121120
Conc: 5.07 ng/ml



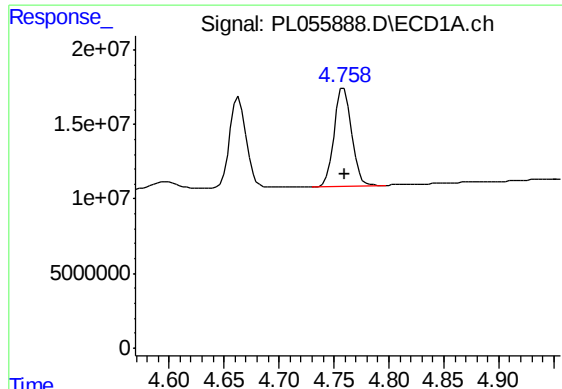
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 74404408
Conc: 4.98 ng/ml



#4 Heptachlor

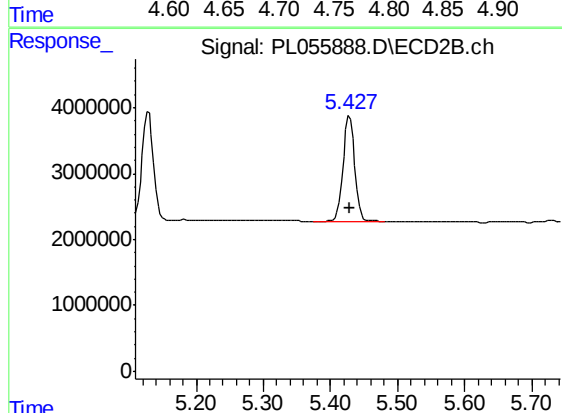
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 19022822
Conc: 5.63 ng/ml



#5 Aldrin

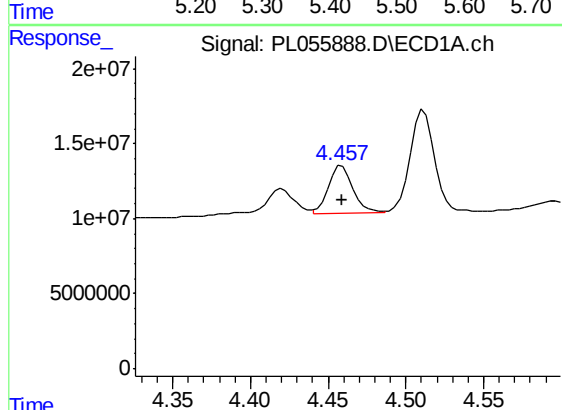
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 73315336
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



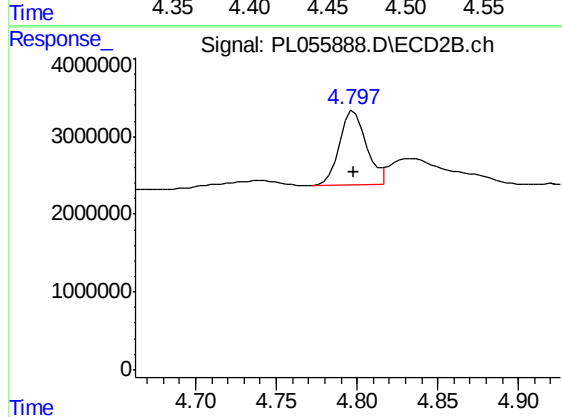
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 19224752
Conc: 5.61 ng/ml



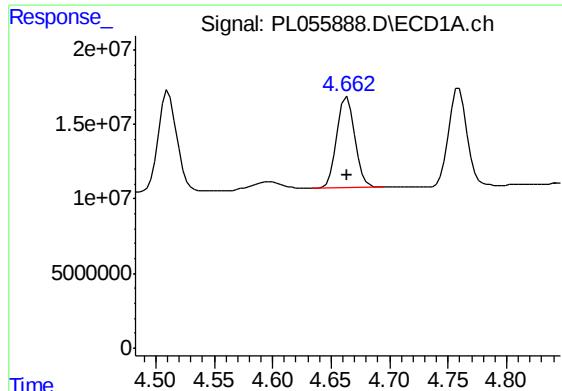
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 35579766
Conc: 5.54 ng/ml



#6 beta-BHC

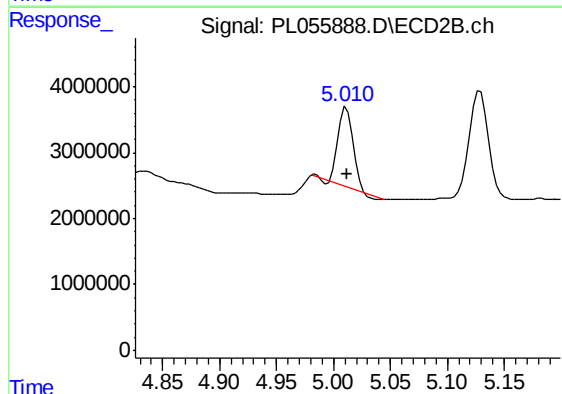
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 10905949
Conc: 6.87 ng/ml



#7 delta-BHC

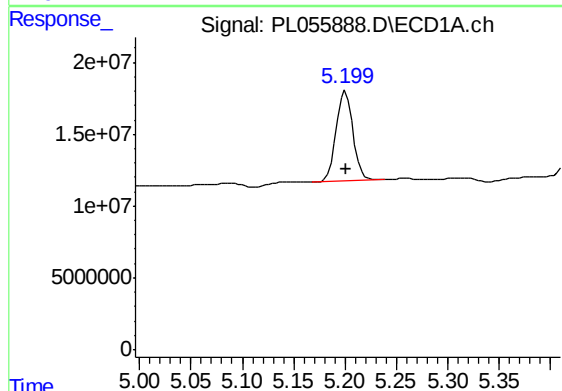
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 62644511
Conc: 4.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



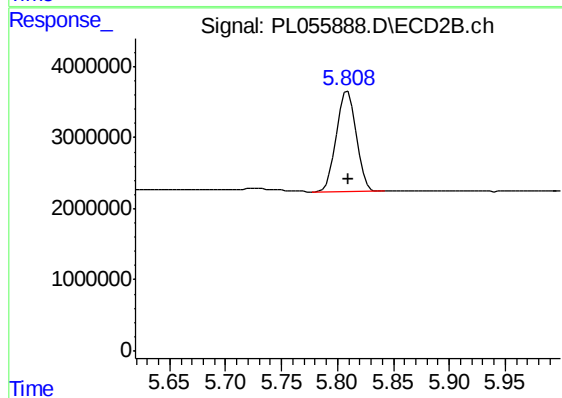
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 10308883
Conc: 3.45 ng/ml



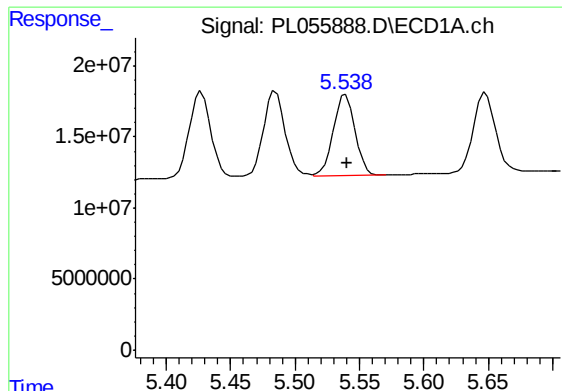
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 71357716
Conc: 5.17 ng/ml



#8 Heptachlor epoxide

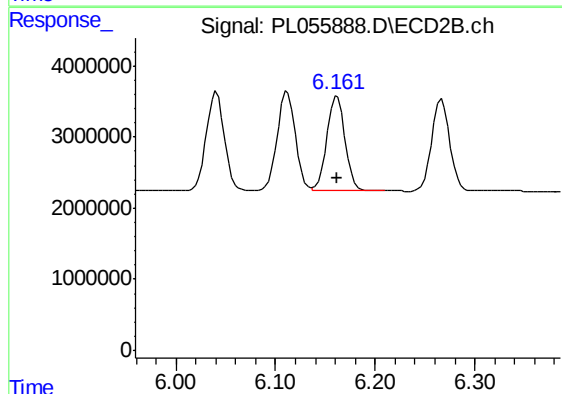
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 17251965
Conc: 5.77 ng/ml



#9 Endosulfan I

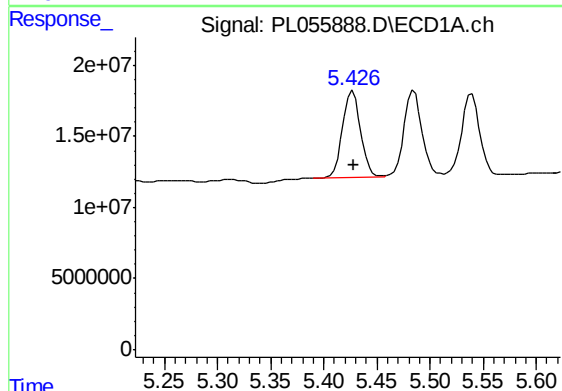
R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 68331003
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



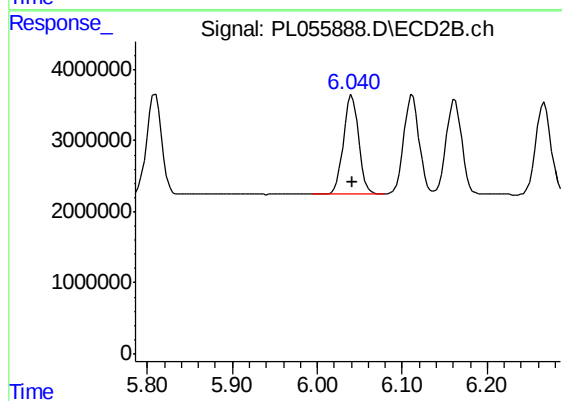
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 16887345
Conc: 5.80 ng/ml



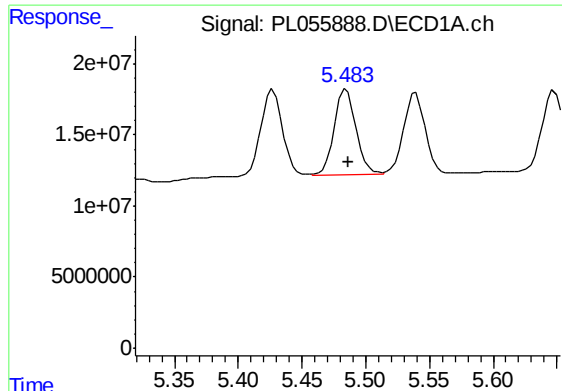
#10 gamma-Chlordane

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 72618288
Conc: 5.18 ng/ml



#10 gamma-Chlordane

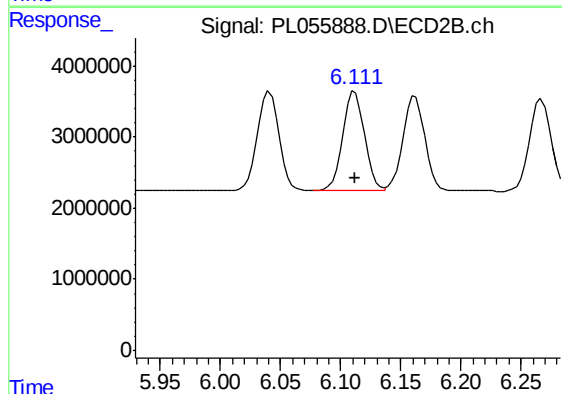
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 17504178
Conc: 5.68 ng/ml



#11 alpha-Chlordane

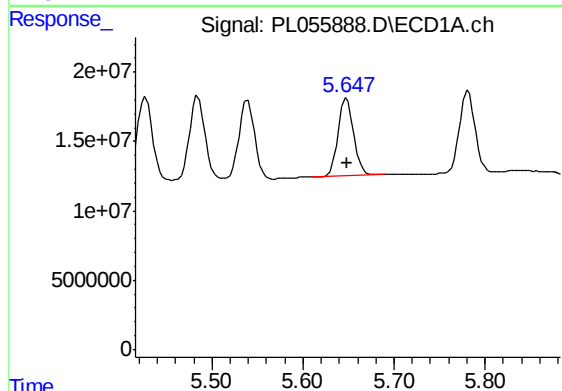
R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 72374822
Conc: 5.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



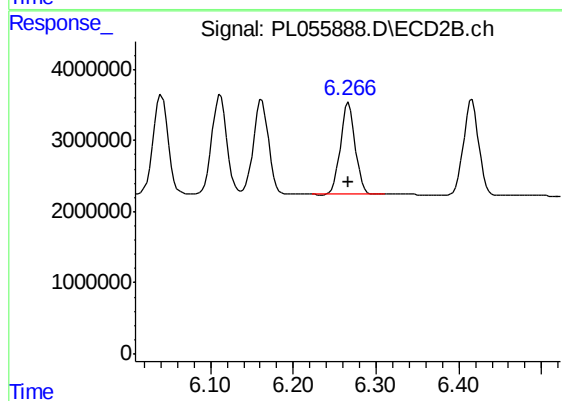
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 17749409
Conc: 5.75 ng/ml



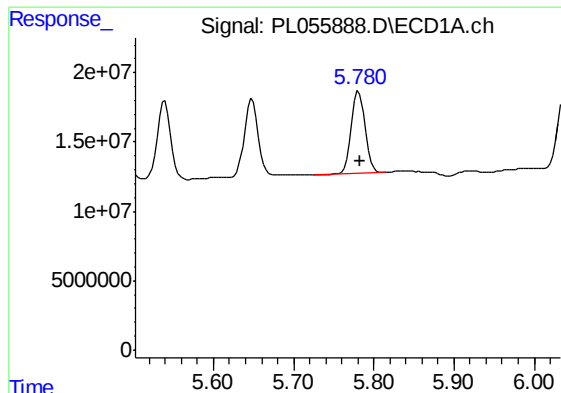
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.001 min
Response: 67214569
Conc: 5.15 ng/ml



#12 4,4'-DDE

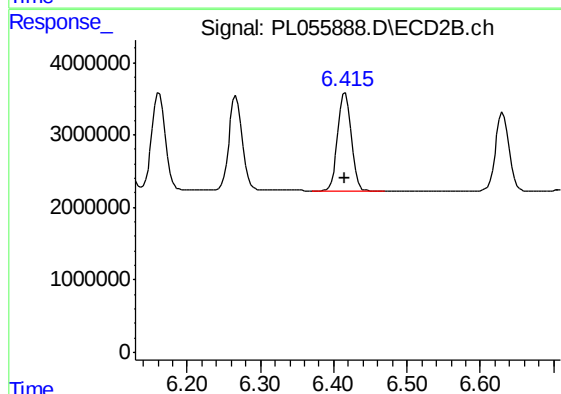
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 16152552
Conc: 5.52 ng/ml



#13 Dielddrin

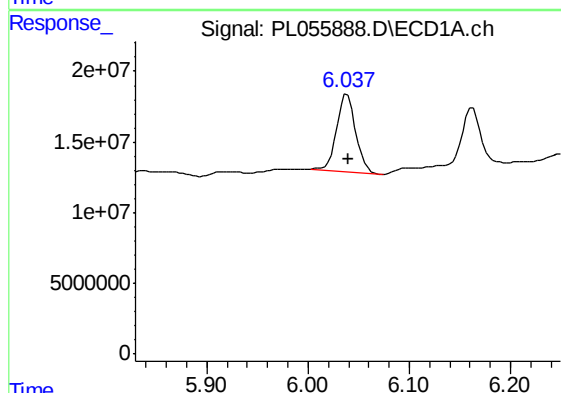
R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 69734654
Conc: 5.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



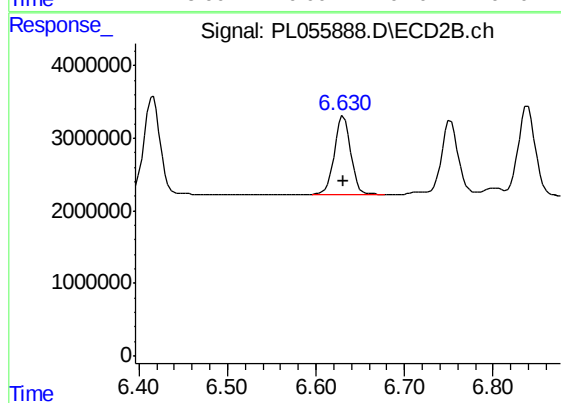
#13 Dielddrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 17247458
Conc: 5.71 ng/ml



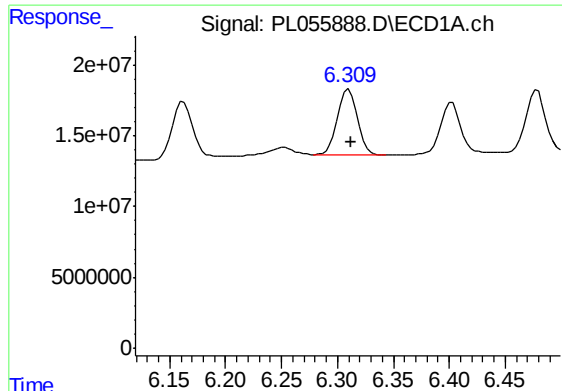
#14 Endrin

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 71399993
Conc: 5.65 ng/ml



#14 Endrin

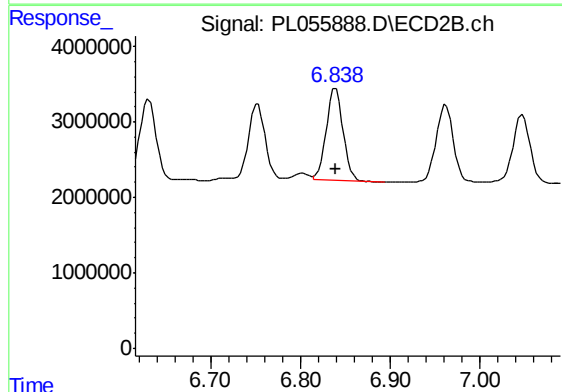
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 13935338
Conc: 5.50 ng/ml



#15 Endosulfan II

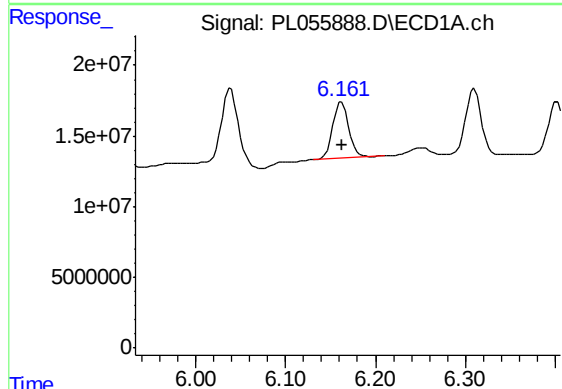
R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 56934465
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



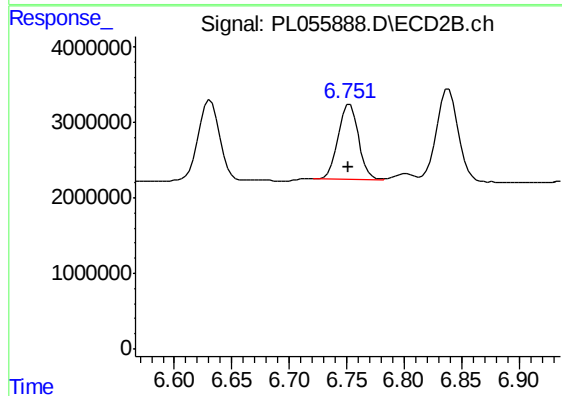
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 16026485
Conc: 5.98 ng/ml



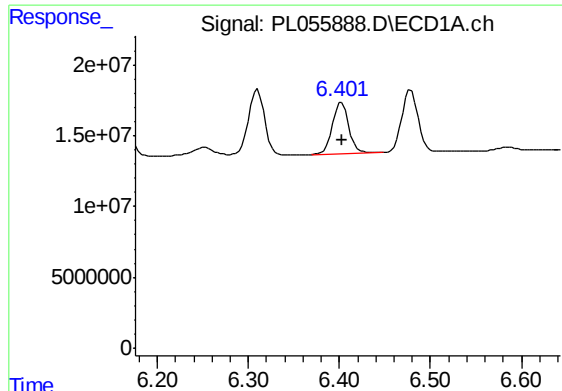
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 50545245
Conc: 5.08 ng/ml



#16 4,4'-DDD

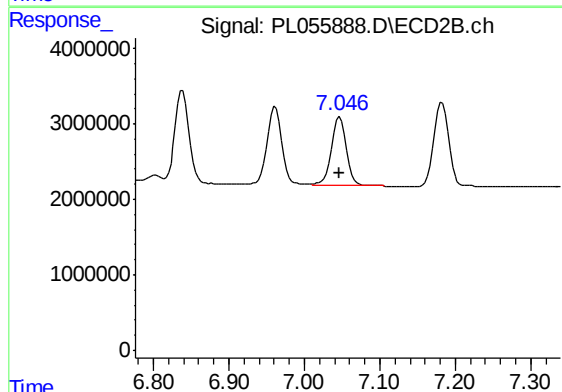
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 12544848
Conc: 5.44 ng/ml



#17 4,4'-DDT

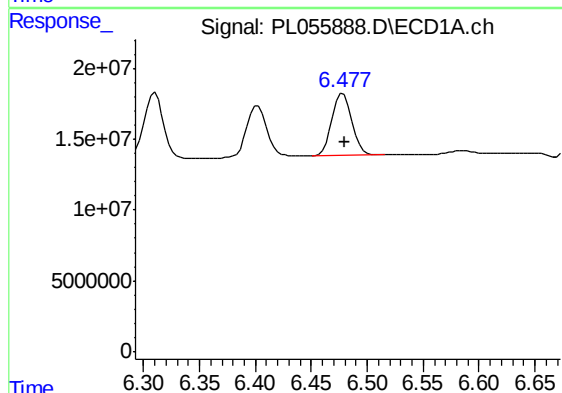
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 45302188
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



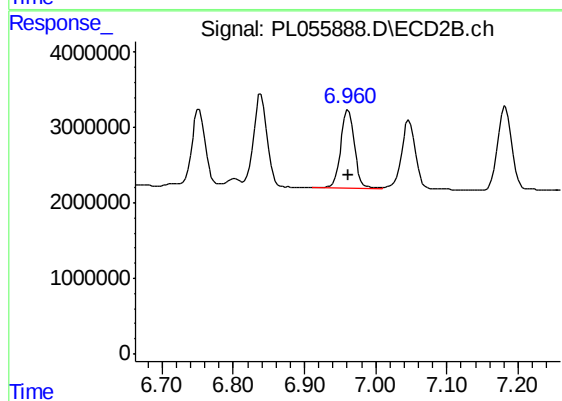
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 12329286
Conc: 5.46 ng/ml



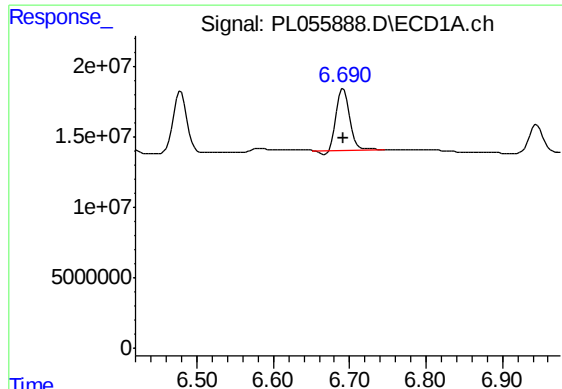
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 54453087
Conc: 5.24 ng/ml



#18 Endrin aldehyde

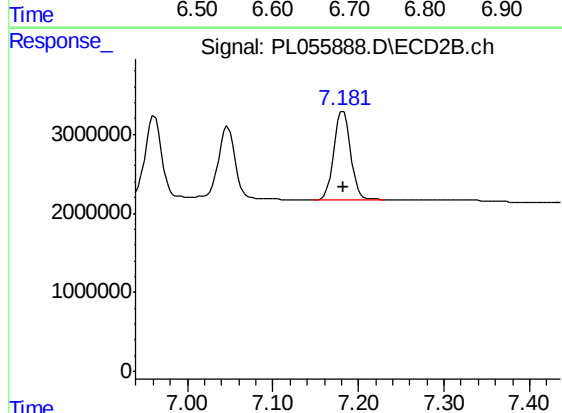
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 13750254
Conc: 6.09 ng/ml



#19 Endosulfan Sulfate

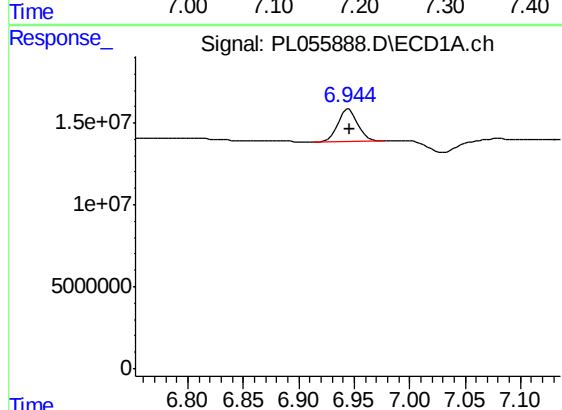
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 52132440
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



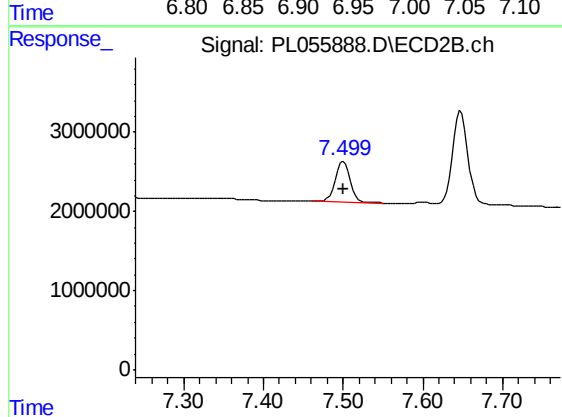
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 15181771
Conc: 6.13 ng/ml



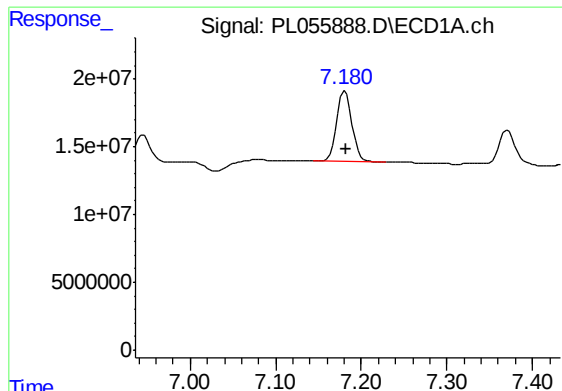
#20 Methoxychlor

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 25489312
Conc: 4.88 ng/ml



#20 Methoxychlor

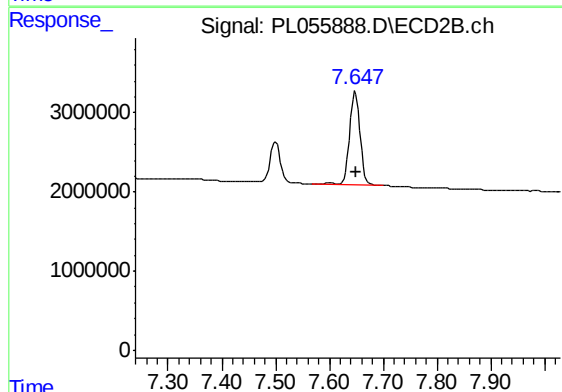
R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 6792253
Conc: 5.69 ng/ml



#21 Endrin ketone

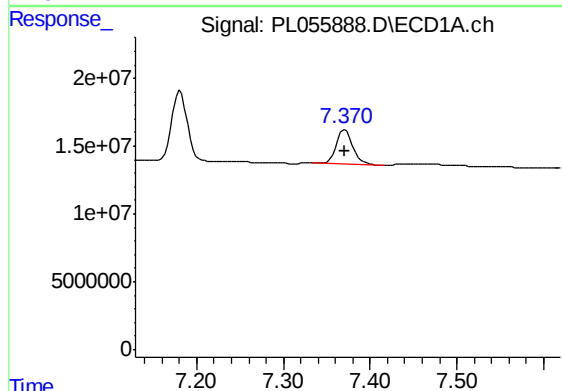
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 63679456
Conc: 5.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



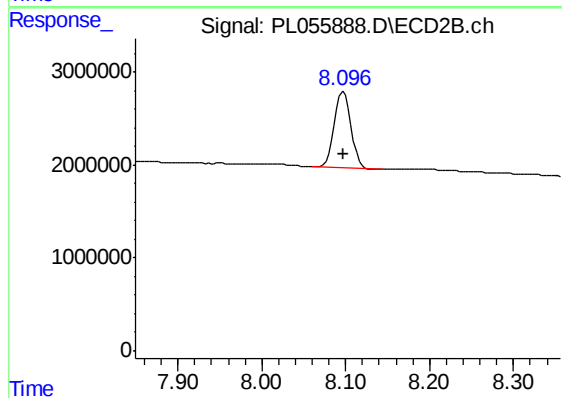
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 16082518
Conc: 6.09 ng/ml



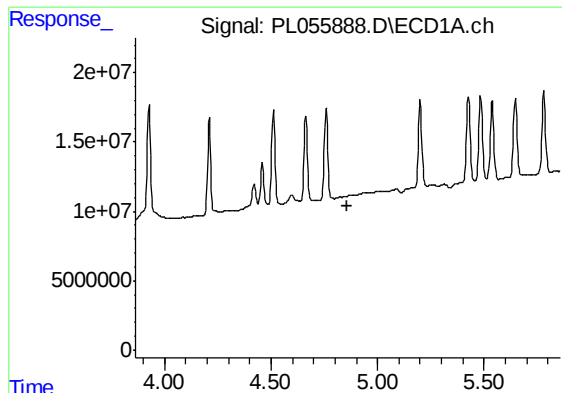
#22 Mirex

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 33109337
Conc: 4.71 ng/ml



#22 Mirex

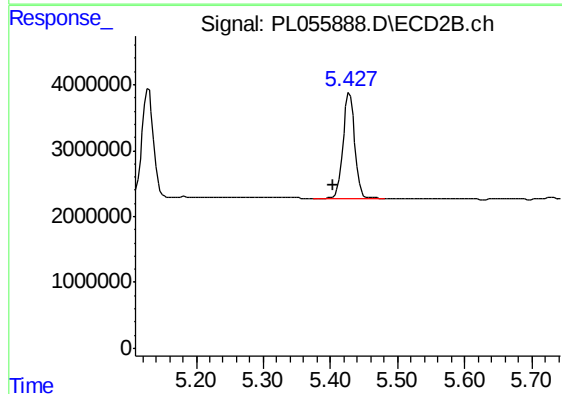
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 11232820
Conc: 6.16 ng/ml



#24 Chlordane-2

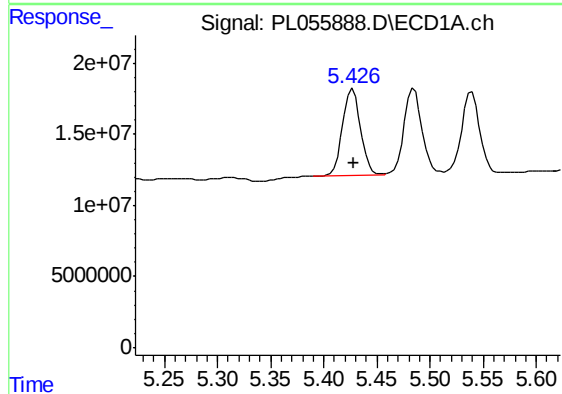
R.T.: 0.000 min
Exp R.T.: 4.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



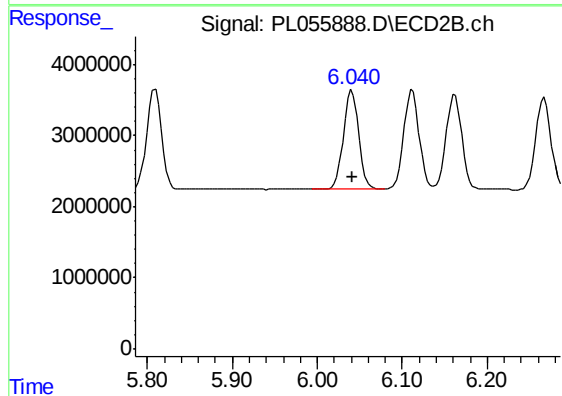
#24 Chlordane-2

R.T.: 5.428 min
Delta R.T.: 0.025 min
Response: 19224752
Conc: 174.38 ng/ml



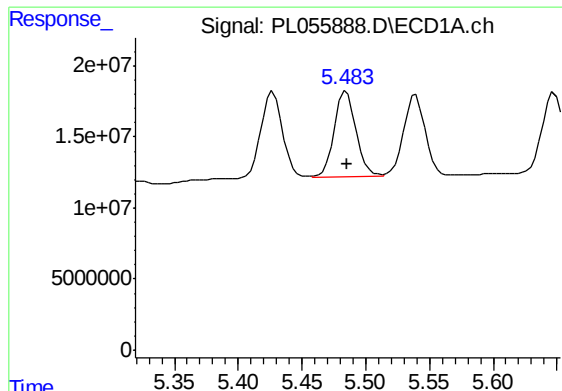
#25 Chlordane-3

R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 72618288
Conc: 58.31 ng/ml



#25 Chlordane-3

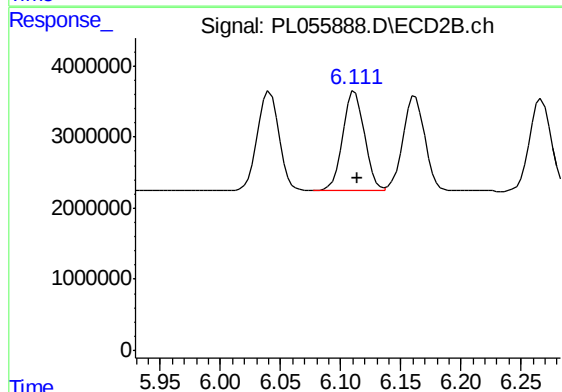
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 17504178
Conc: 44.10 ng/ml



#26 Chlordane-4

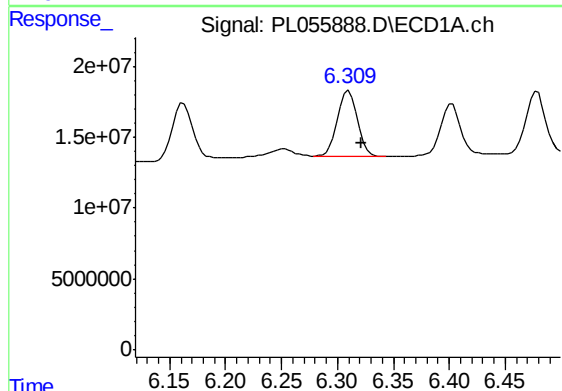
R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 72374822
Conc: 70.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



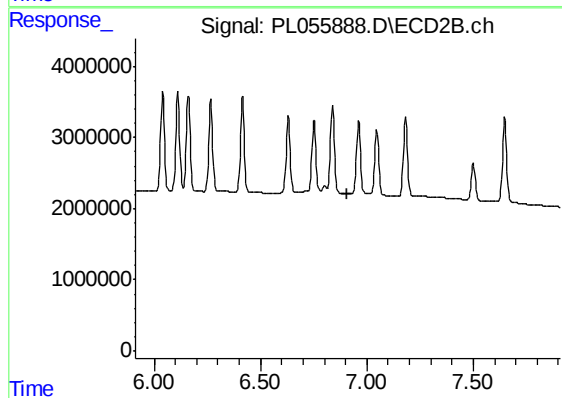
#26 Chlordane-4

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 17749409
Conc: 37.81 ng/ml



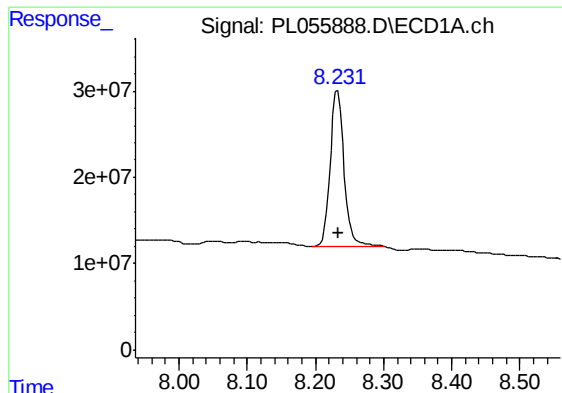
#27 Chlordane-5

R.T.: 6.310 min
Delta R.T.: -0.011 min
Response: 56934465
Conc: 145.57 ng/ml



#27 Chlordane-5

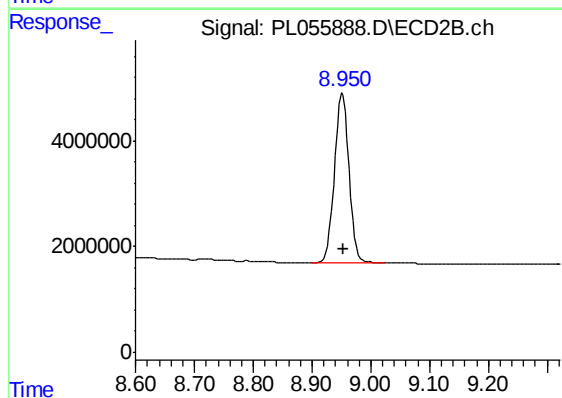
R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 252334477
Conc: 24.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2020



#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 55513750
Conc: 24.23 ng/ml