

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 22:44
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 2.5 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:36:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 18 04:12:31 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...	3.318	3.931	204.0E6	57605250	20.305	20.190
28)	SA Decachlor...	7.980	8.961	237.7E6	62973607	23.477	22.269
Target Compounds							
2)	A alpha-BHC	3.745	4.318	39366882	8492657	2.349	2.058
3)	MA gamma-BHC...	4.021	4.601	34051470	8510648	2.214	2.197
4)	MA Heptachlor	4.304	5.103	39745998	10810914	2.422	2.607
5)	MB Aldrin	4.543	5.405	38236245	9057904	2.468	2.404
6)	B beta-BHC	4.275	4.778	15793482	2508305	2.409	1.451 #
7)	B delta-BHC	4.468	4.990	32448315	8650153	1.978	2.237
8)	B Heptachlor...	4.979	5.794	36388464	14548843	2.463	3.804 #
9)	A Endosulfan I	5.309	6.147	38176327	8567084	2.625	2.491
10)	B gamma-Chl...	5.201	6.026	42390626	9002574	2.686	2.436
11)	B alpha-Chl...	5.257	6.098	40787248	9260140	2.674	2.527
12)	B 4,4'-DDE	5.424	6.258	38357815	8685533	2.560	2.410
13)	MA Dieldrin	5.548	6.403	37533854	8262626	2.422	2.333
14)	MA Endrin	5.800	6.621	38555597	7320716	2.619	2.360
15)	B Endosulfa...	6.075	6.833	36553334	8576795	2.612	2.698
16)	A 4,4'-DDD	5.935	6.748	30119727	6469921	2.513	2.430
17)	MA 4,4'-DDT	6.169	7.045	26259877	5982793	2.120	2.216
18)	B Endrin al...	6.242	6.957	28242591	6825485	2.448	2.512
19)	B Endosulfa...	6.453	7.179	33611819	7479929	2.638	2.590
20)	A Methoxychlor	6.714	7.506	14885726	4926968	2.386	3.358 #
21)	B Endrin ke...	6.935	7.648	32446645	7660289	2.372	2.649
22)	Mirex	7.108	8.097	26439135	6779094	2.697	2.951
24)	Chlordane-2	0.000	5.405f	0	9057904	N.D.	77.120 #
25)	Chlordane-3	5.201	6.026	42390626	9002574	30.284	18.717 #
26)	Chlordane-4	5.257	6.098	40787248	9260140	30.923	15.941 #
27)	Chlordane-5	6.075	0.000	36553334	0	71.964	N.D. #

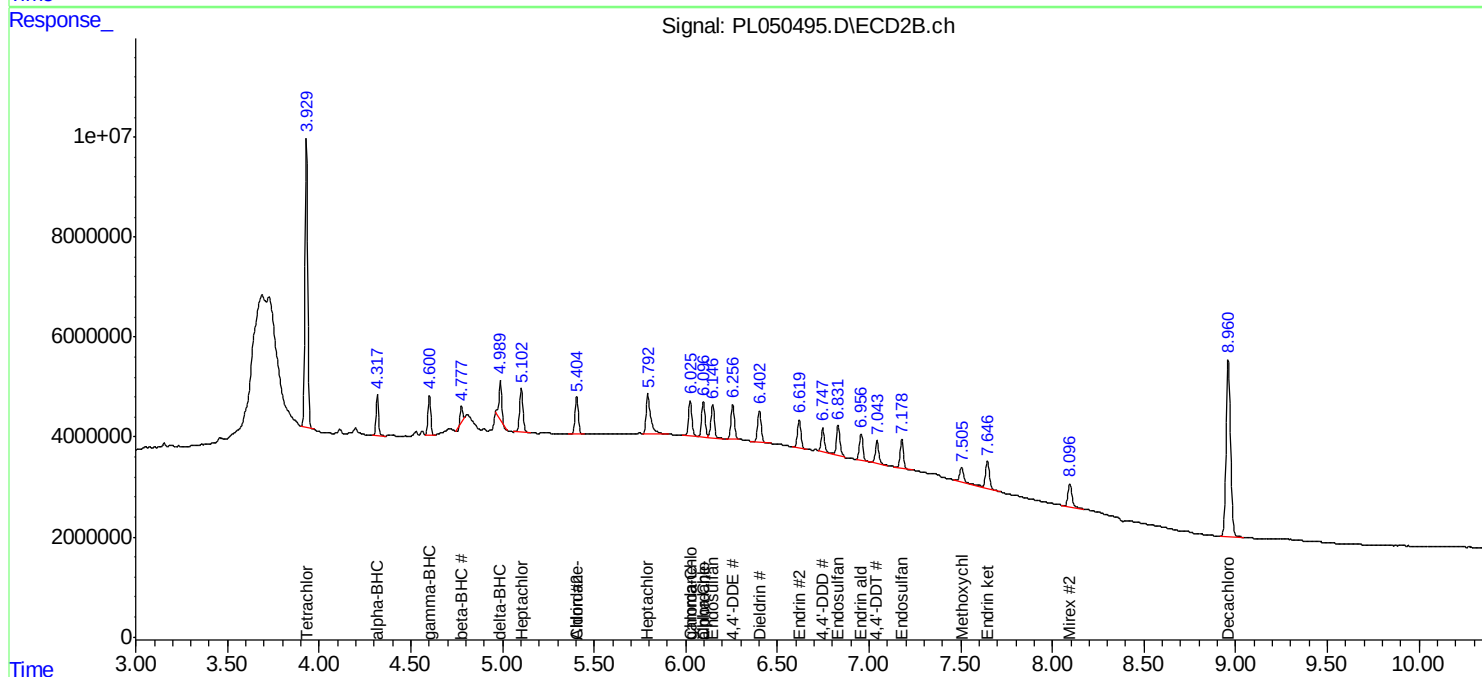
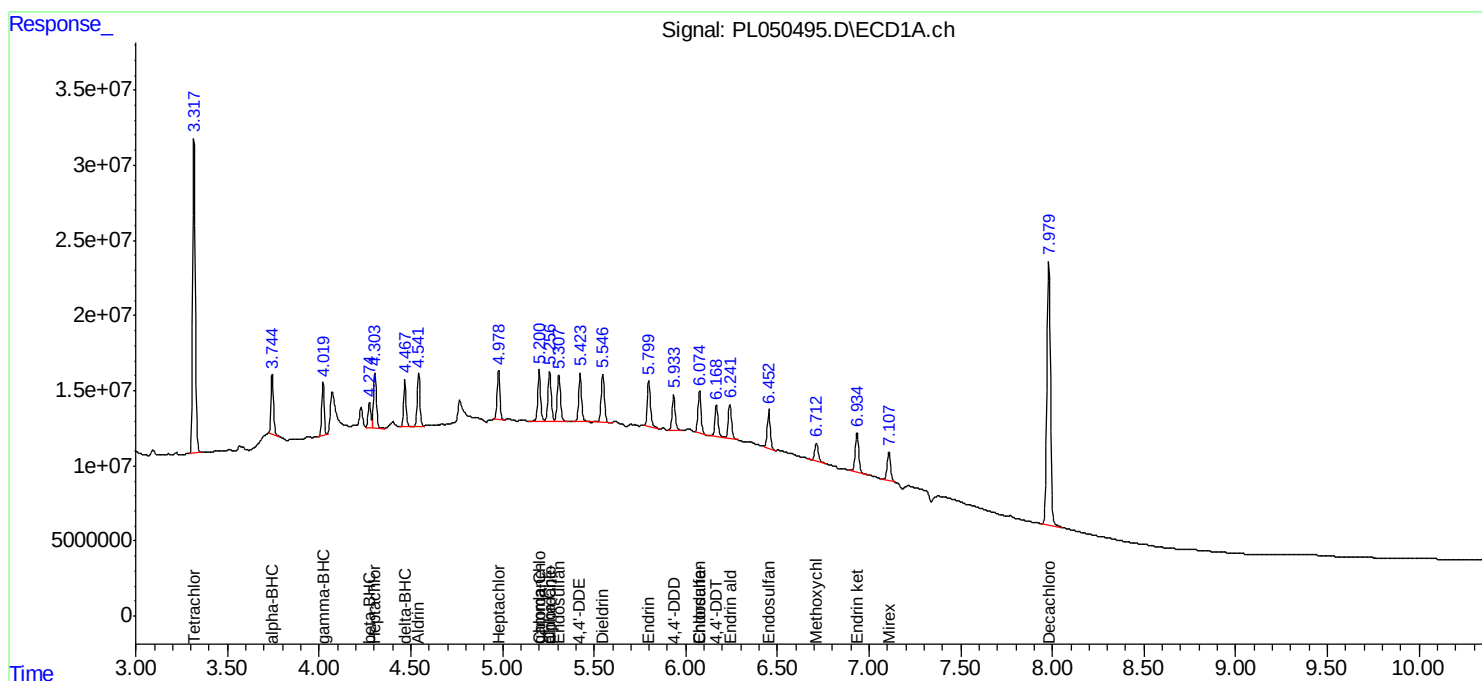
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

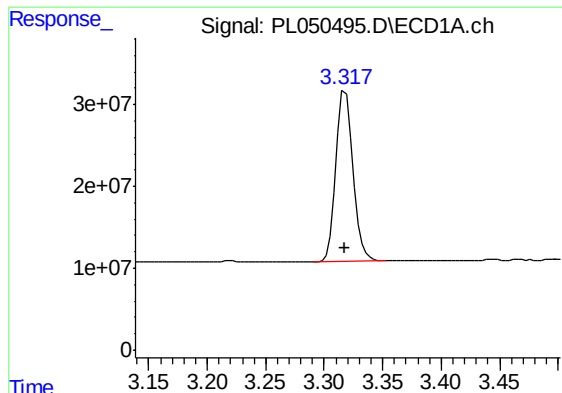
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 22:44
Operator : SM\AJ
Sample : K3591-01
Misc : LOD 2.5 PPB
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 06:36:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Thu Jul 18 04:12:31 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

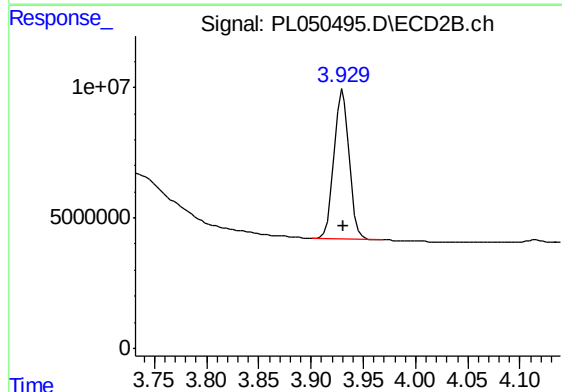




#1 Tetrachloro-m-xylene

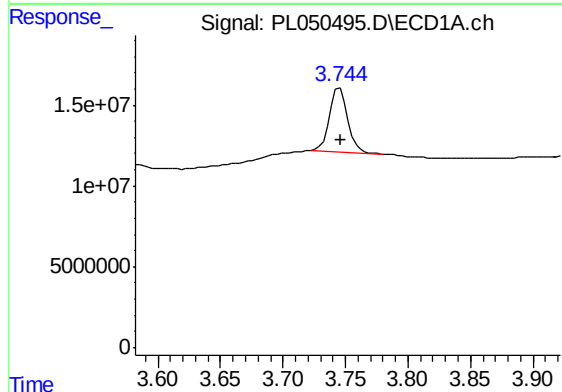
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 204023268
Conc: 20.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



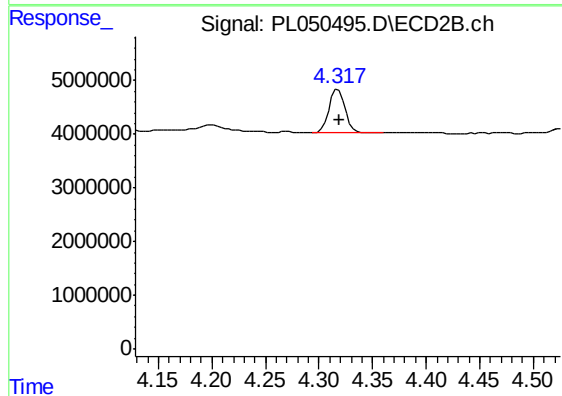
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 57605250
Conc: 20.19 ng/ml



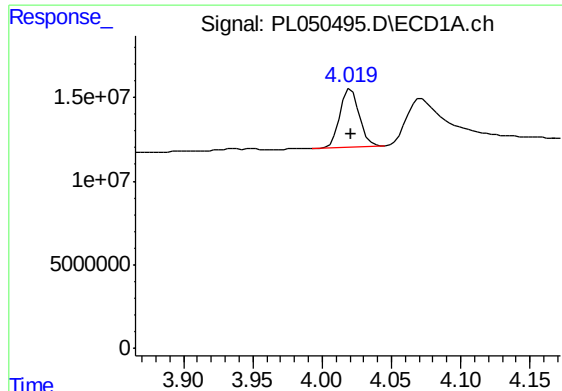
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 39366882
Conc: 2.35 ng/ml



#2 alpha-BHC

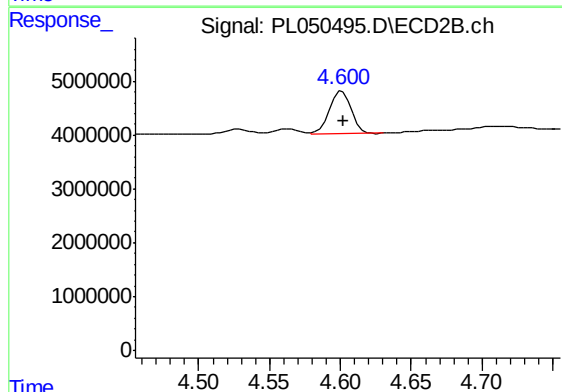
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 8492657
Conc: 2.06 ng/ml



#3 gamma-BHC (Lindane)

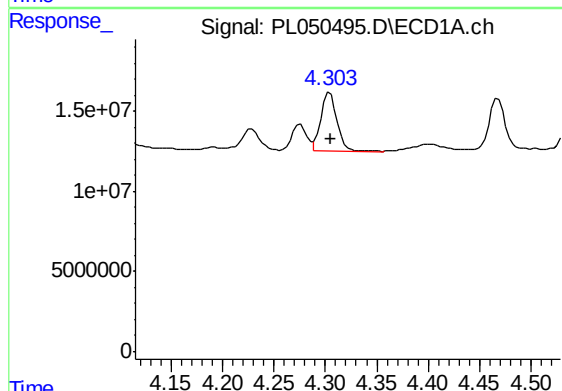
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 34051470
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



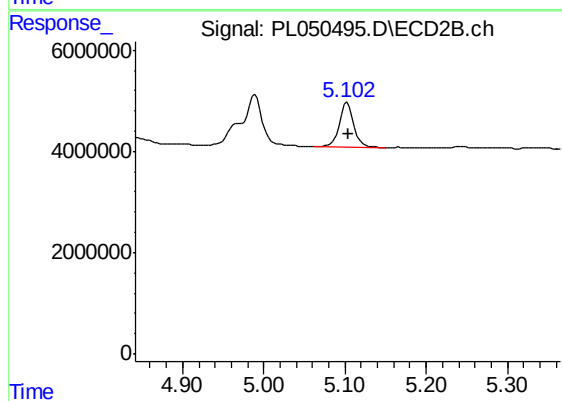
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 8510648
Conc: 2.20 ng/ml



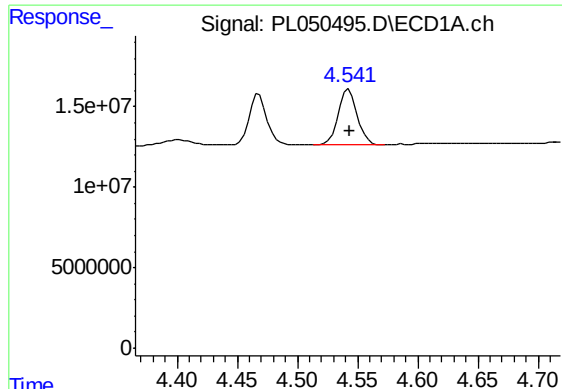
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 39745998
Conc: 2.42 ng/ml



#4 Heptachlor

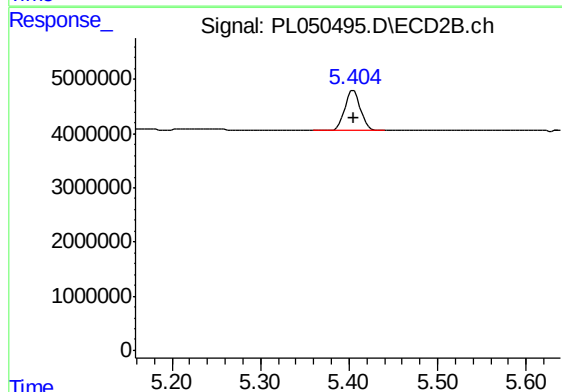
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 10810914
Conc: 2.61 ng/ml



#5 Aldrin

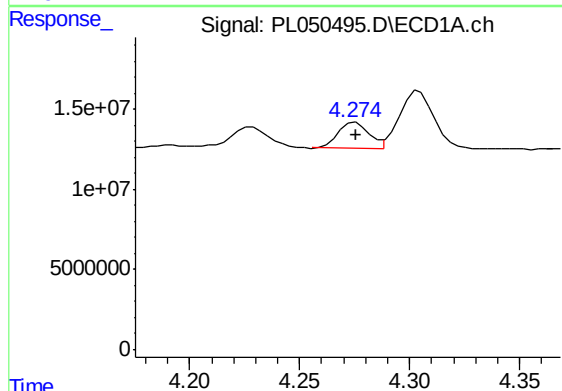
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 38236245
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



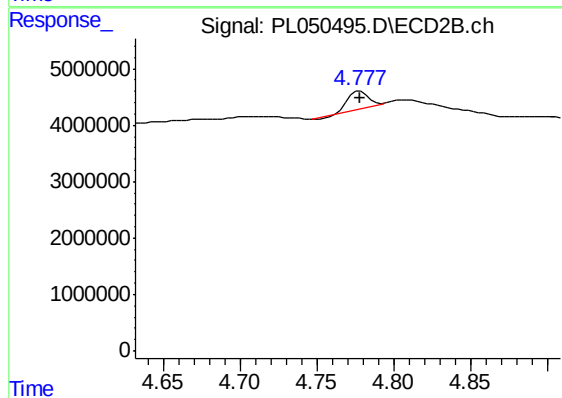
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 9057904
Conc: 2.40 ng/ml



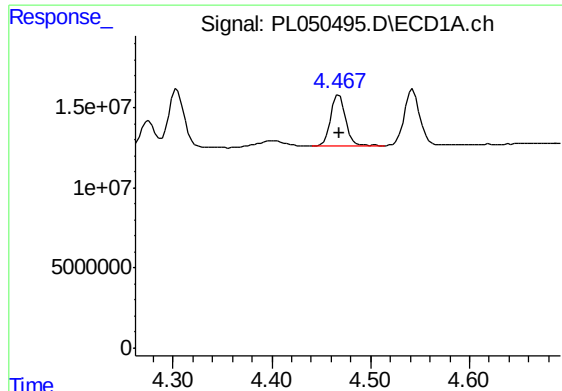
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 15793482
Conc: 2.41 ng/ml



#6 beta-BHC

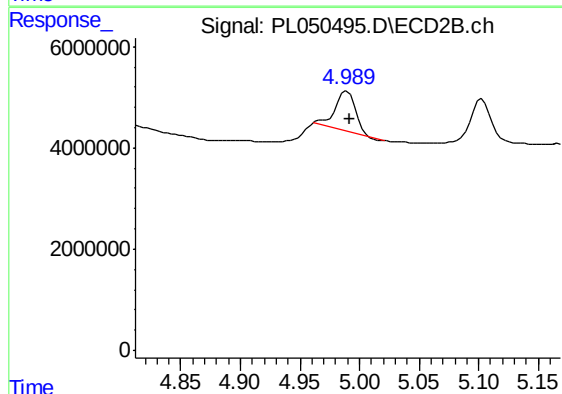
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 2508305
Conc: 1.45 ng/ml



#7 delta-BHC

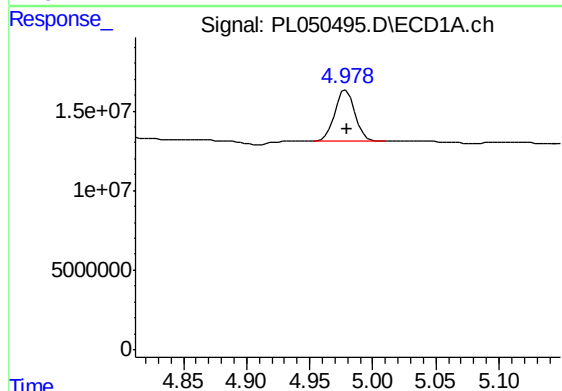
R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 32448315
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



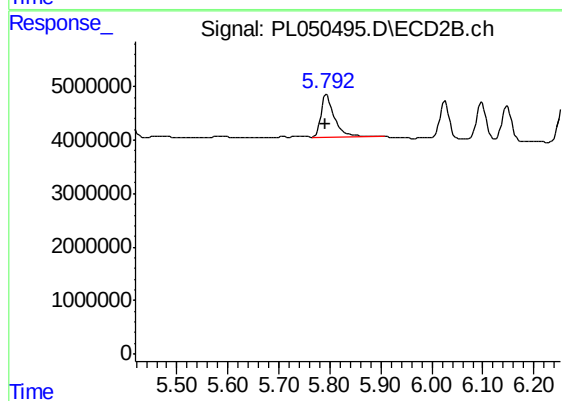
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 8650153
Conc: 2.24 ng/ml



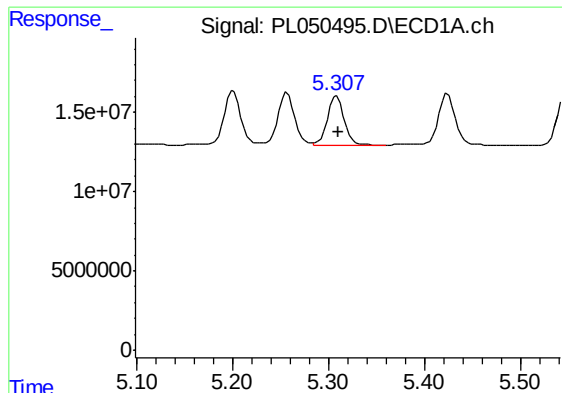
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 36388464
Conc: 2.46 ng/ml



#8 Heptachlor epoxide

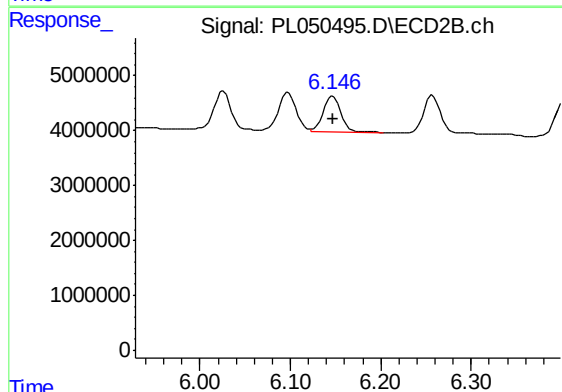
R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 14548843
Conc: 3.80 ng/ml



#9 Endosulfan I

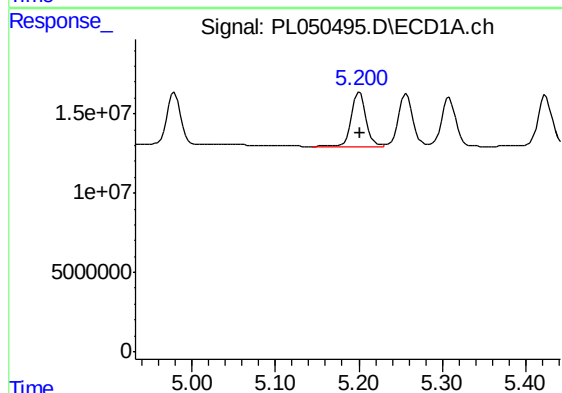
R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 38176327
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



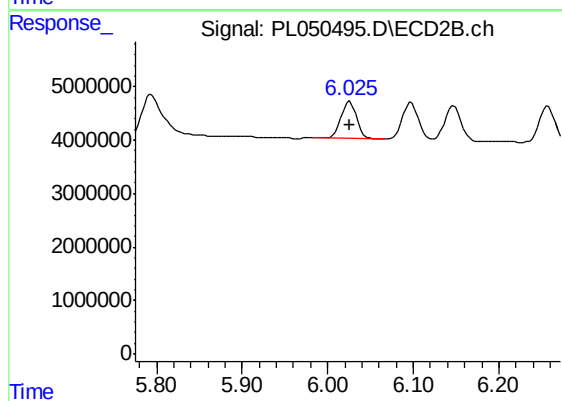
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 8567084
Conc: 2.49 ng/ml



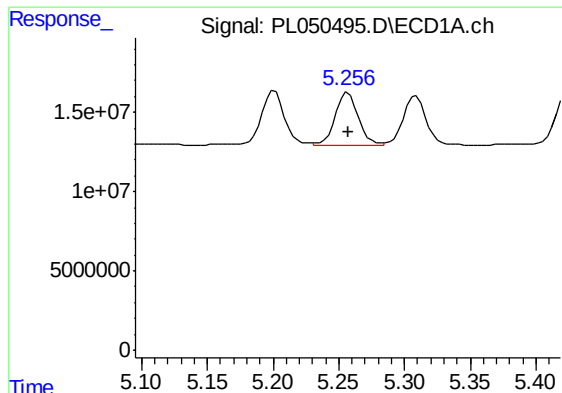
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 42390626
Conc: 2.69 ng/ml



#10 gamma-Chlordane

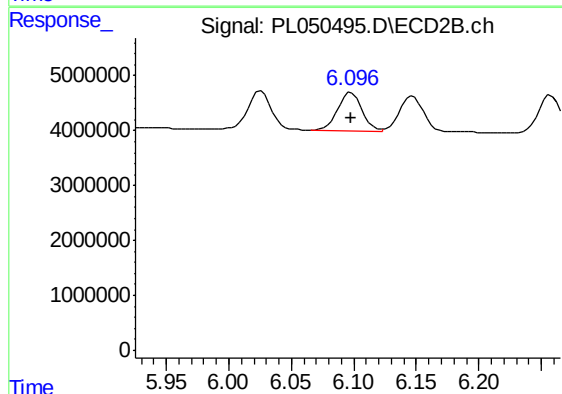
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 9002574
Conc: 2.44 ng/ml



#11 alpha-Chlordane

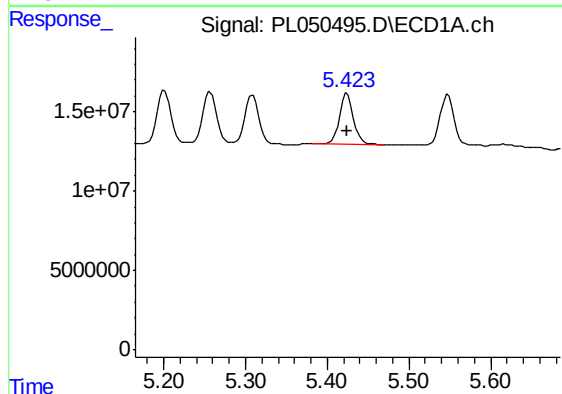
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 40787248
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



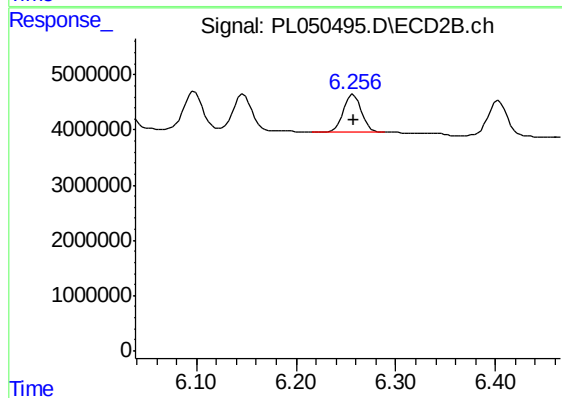
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 9260140
Conc: 2.53 ng/ml



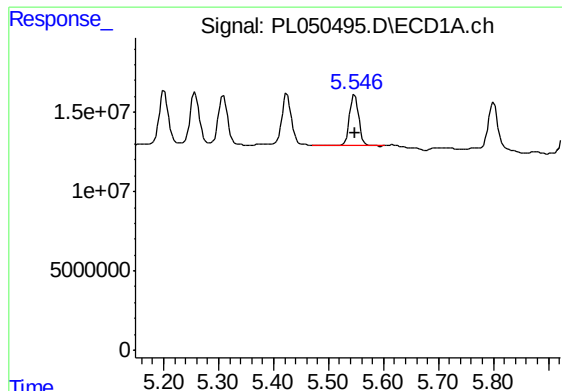
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 38357815
Conc: 2.56 ng/ml



#12 4,4'-DDE

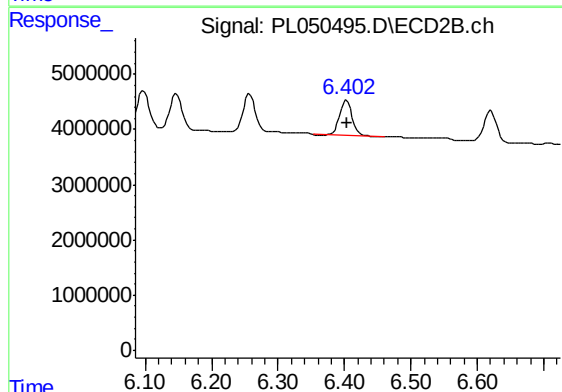
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 8685533
Conc: 2.41 ng/ml



#13 Dielddrin

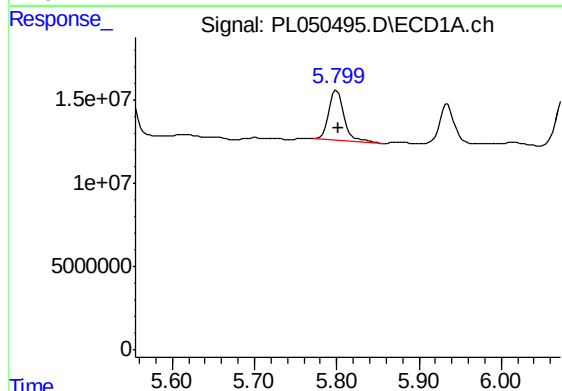
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 37533854
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



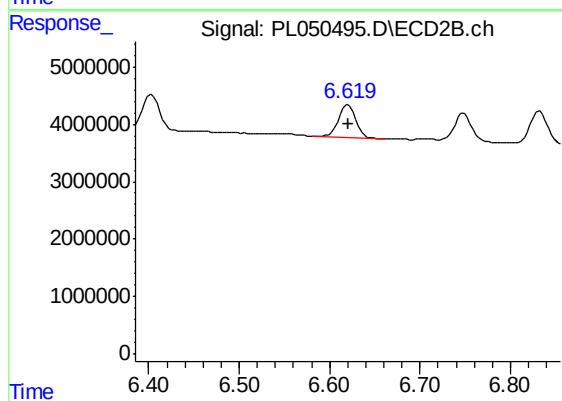
#13 Dielddrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 8262626
Conc: 2.33 ng/ml



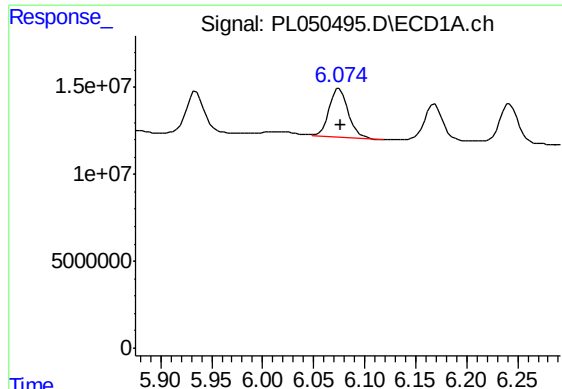
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 38555597
Conc: 2.62 ng/ml



#14 Endrin

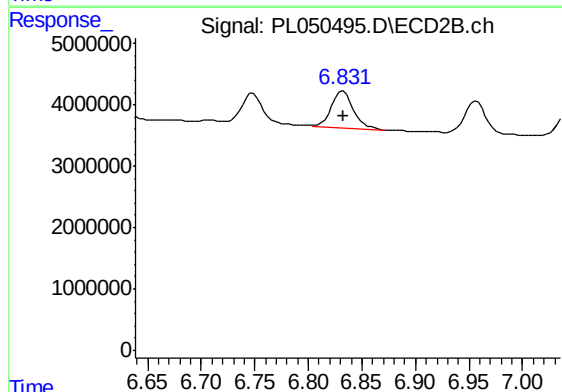
R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 7320716
Conc: 2.36 ng/ml



#15 Endosulfan II

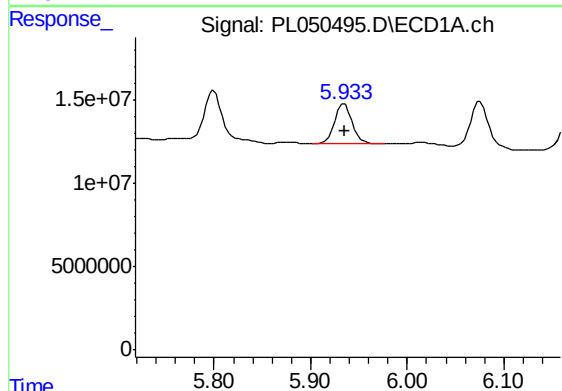
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 3655334
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



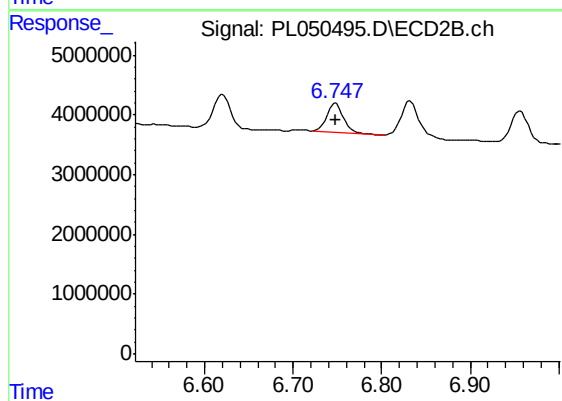
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 8576795
Conc: 2.70 ng/ml



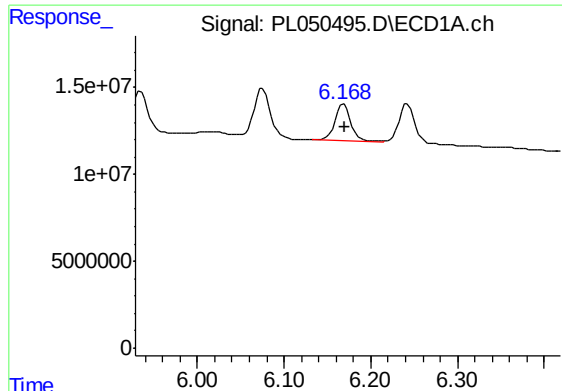
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 30119727
Conc: 2.51 ng/ml



#16 4,4'-DDD

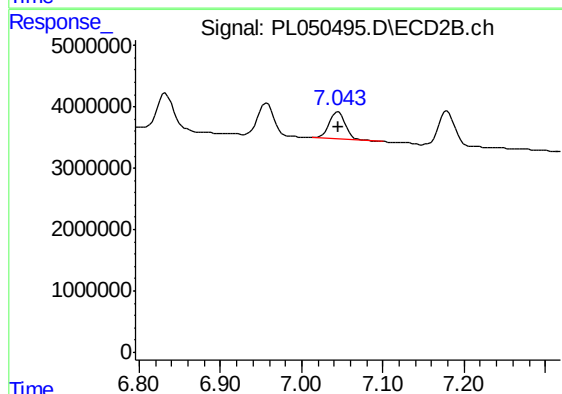
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 6469921
Conc: 2.43 ng/ml



#17 4,4'-DDT

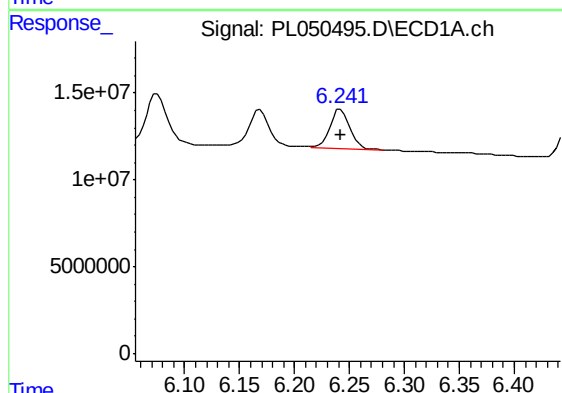
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 26259877
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



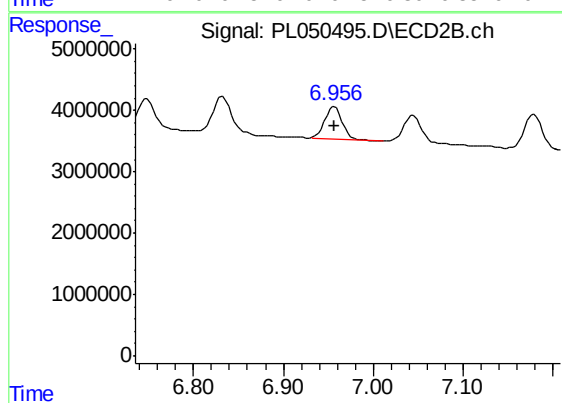
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 5982793
Conc: 2.22 ng/ml



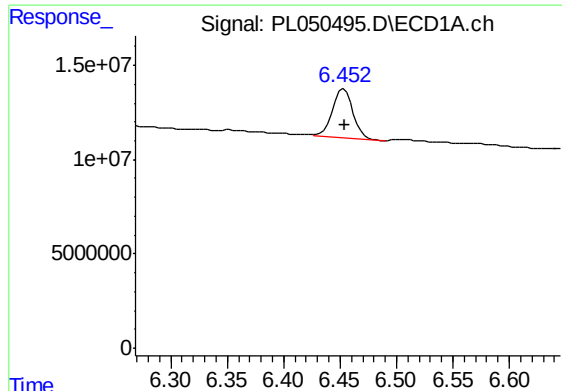
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 28242591
Conc: 2.45 ng/ml



#18 Endrin aldehyde

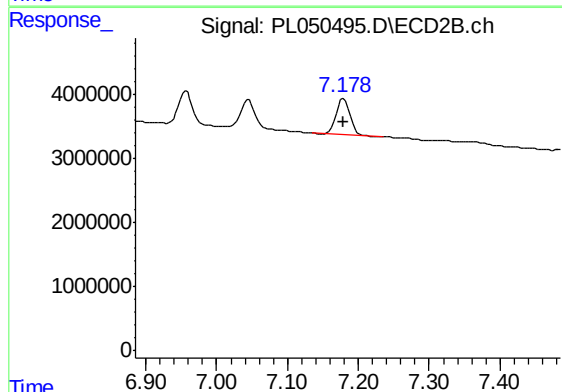
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 6825485
Conc: 2.51 ng/ml



#19 Endosulfan Sulfate

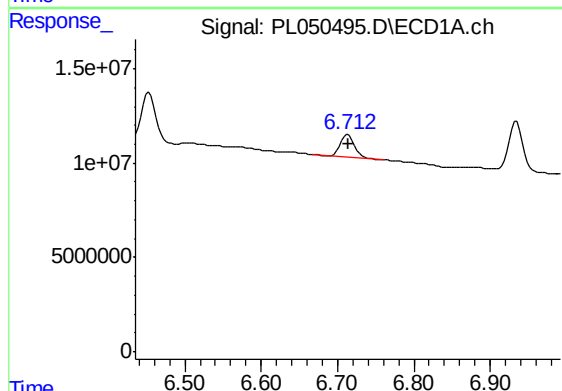
R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 33611819
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



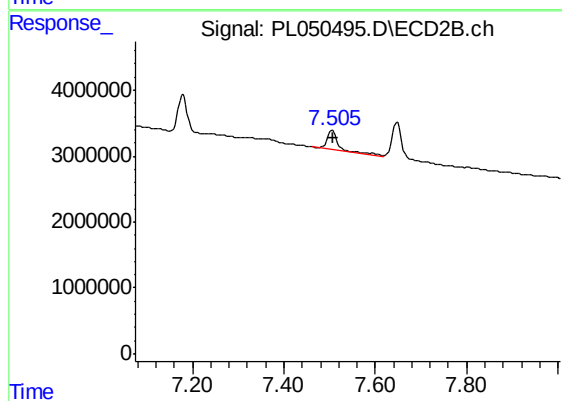
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 7479929
Conc: 2.59 ng/ml



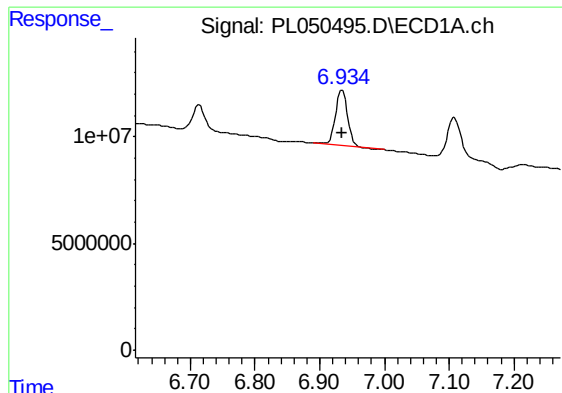
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 14885726
Conc: 2.39 ng/ml



#20 Methoxychlor

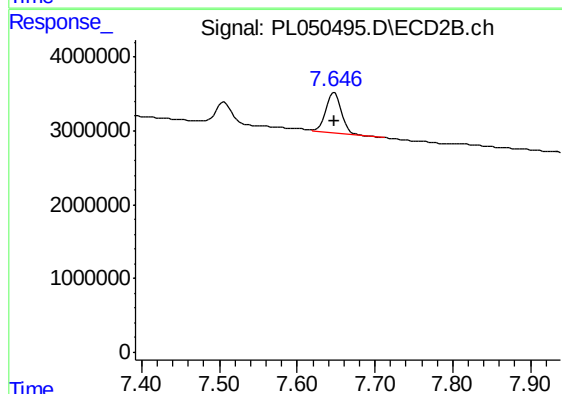
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 4926968
Conc: 3.36 ng/ml



#21 Endrin ketone

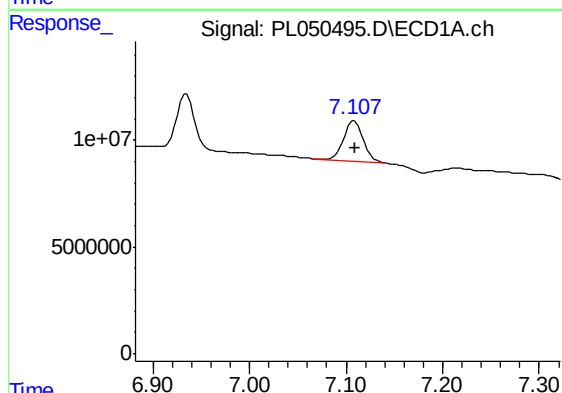
R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 32446645
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



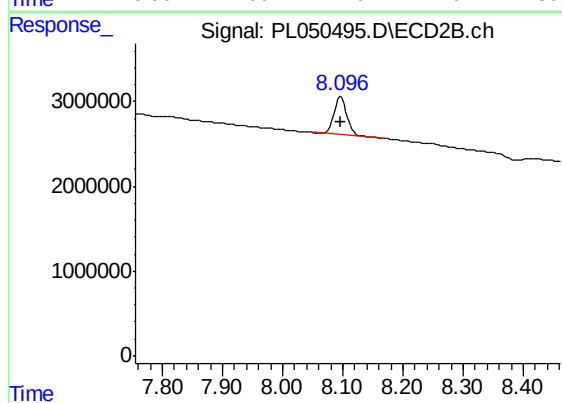
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 7660289
Conc: 2.65 ng/ml



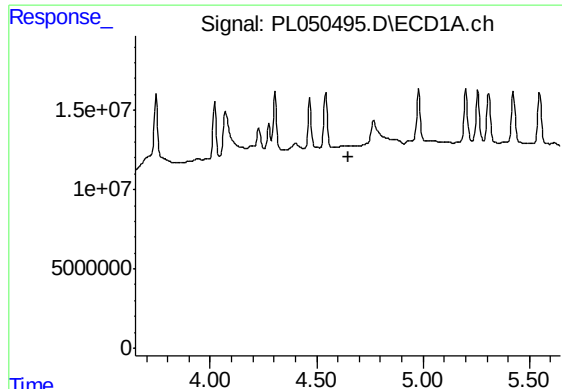
#22 Mirex

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 26439135
Conc: 2.70 ng/ml



#22 Mirex

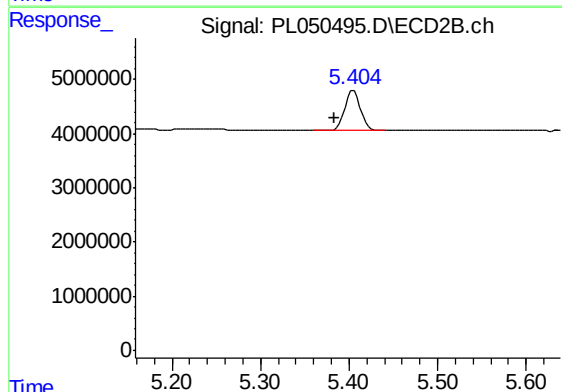
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 6779094
Conc: 2.95 ng/ml



#24 Chlordane-2

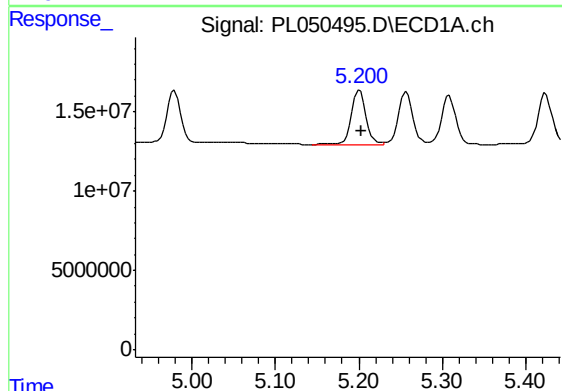
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



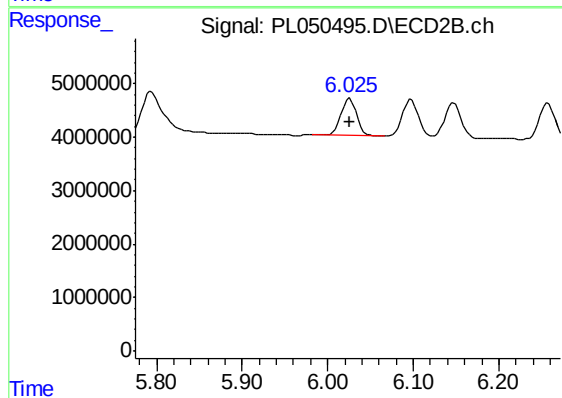
#24 Chlordane-2

R.T.: 5.405 min
Delta R.T.: 0.022 min
Response: 9057904
Conc: 77.12 ng/ml



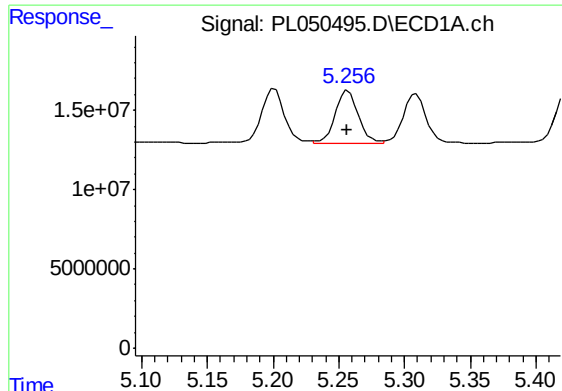
#25 Chlordane-3

R.T.: 5.201 min
Delta R.T.: -0.001 min
Response: 42390626
Conc: 30.28 ng/ml



#25 Chlordane-3

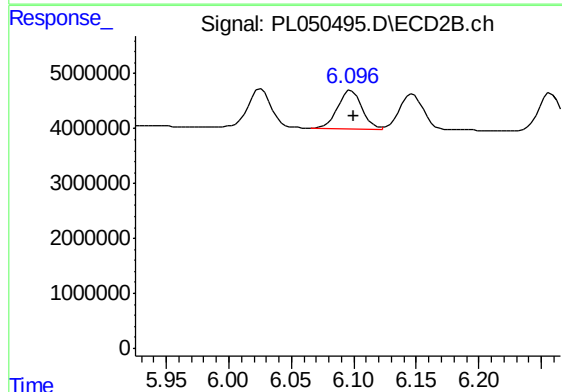
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 9002574
Conc: 18.72 ng/ml



#26 Chlordane-4

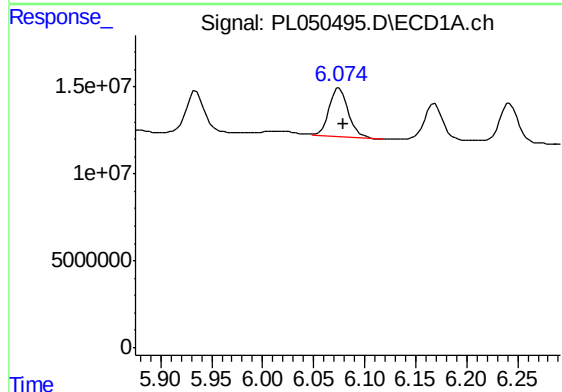
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 40787248
Conc: 30.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



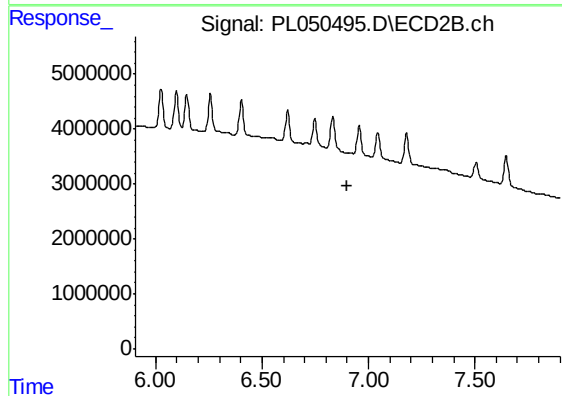
#26 Chlordane-4

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 9260140
Conc: 15.94 ng/ml



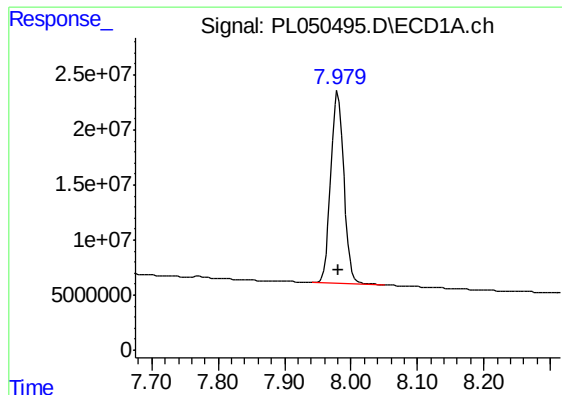
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 36553334
Conc: 71.96 ng/ml



#27 Chlordane-5

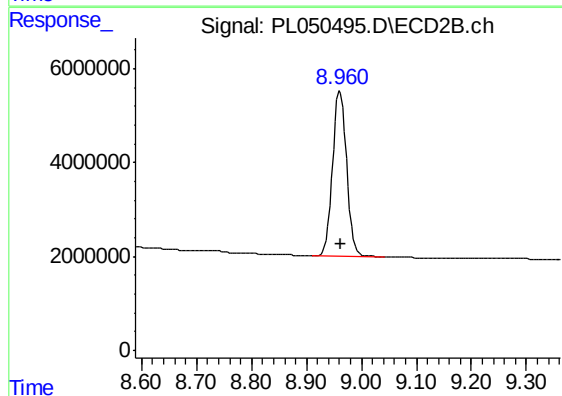
R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 237717165
Conc: 23.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 62973607
Conc: 22.27 ng/ml