

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 22:30
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 1 PPB
 ALS Vial : 24 Sample Multiplier: 1

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

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:36:37 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	220.5E6	62400517	21.942	21.870
28)	SA Decachlor...	7.980	8.960	255.2E6	67858630	25.204	23.996
Target Compounds							
2)	A alpha-BHC	3.745	4.318	18705326	3221895	1.116	0.781 #
3)	MA gamma-BHC...	4.021	4.601	12837313	3369799	0.835	0.870
4)	MA Heptachlor	4.304	5.103	14959528	4812301	0.912	1.161 #
5)	MB Aldrin	4.542	5.406	15499522	3563912	1.001	0.946
6)	B beta-BHC	4.275	4.779	6096748	3041061	0.930	1.759m#
7)	B delta-BHC	4.468	4.987	13048020	9005769	0.795	2.329m#
8)	B Heptachlor...	4.979	5.799	14111914	9034071	0.955	2.362 #
9)	A Endosulfan I	5.309	6.147	16407178	3658007	1.128	1.064
10)	B gamma-Chl...	5.201	6.026	18534830	3528536	1.174	0.955
11)	B alpha-Chl...	5.256	6.097	14432642	3860099	0.946m	1.053
12)	B 4,4'-DDE	5.424	6.258	14263204	3488040	0.952	0.968
13)	MA Dieldrin	5.547	6.403	16013370	3356053	1.033	0.948
14)	MA Endrin	5.799	6.619	13708724	2877643	0.931m	0.928m
15)	B Endosulfa...	6.075	6.833	15925951	3803771	1.138	1.196
16)	A 4,4'-DDD	5.936	6.747	12417809	2258285	1.036	0.848m
17)	MA 4,4'-DDT	6.169	7.043	10418990	2166618	0.841	0.803m
18)	B Endrin al...	6.242	6.955	11478117	3059314	0.995	1.126m
19)	B Endosulfa...	6.453	7.179	14558294	3541141	1.143	1.226
20)	A Methoxychlor	6.713	7.504	5686955	1475253	0.912m	1.005m
21)	B Endrin ke...	6.935	7.646	12302981	2929276	0.900	1.013m
22)	Mirex	7.108	8.095	10424778	2618380	1.063	1.140m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 22:30
Operator : SM\AJ
Sample : K3591-01
Misc : LOD 1 PPB
ALS Vial : 24 Sample Multiplier: 1

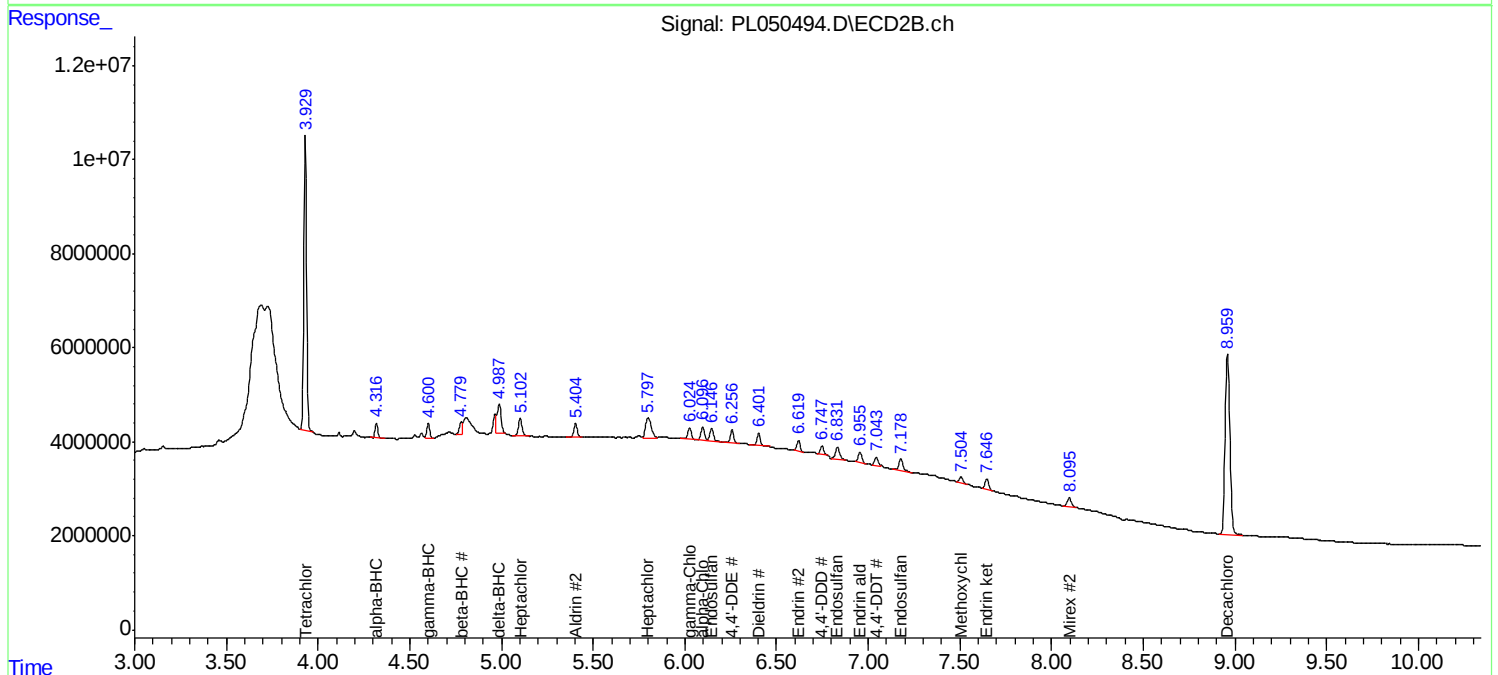
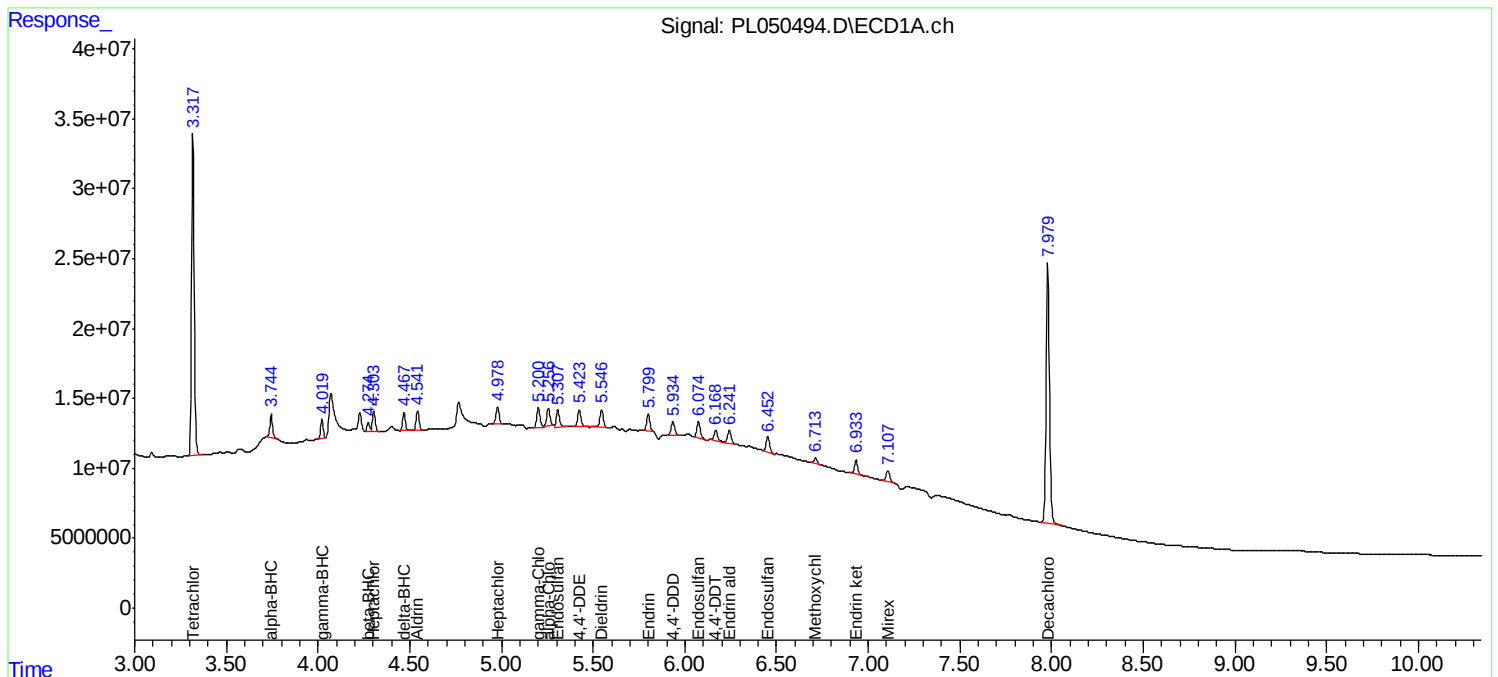
Instrument :
ECD_L
ClientSampled :
LOD-MDL-SOIL-01-QT3-2019

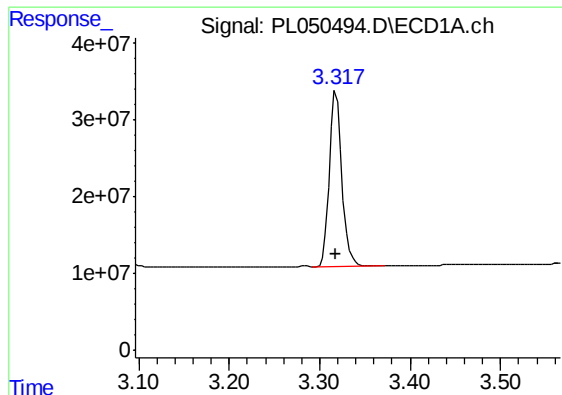
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 06:36:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Thu Jul 18 04:12:31 2019
Response 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





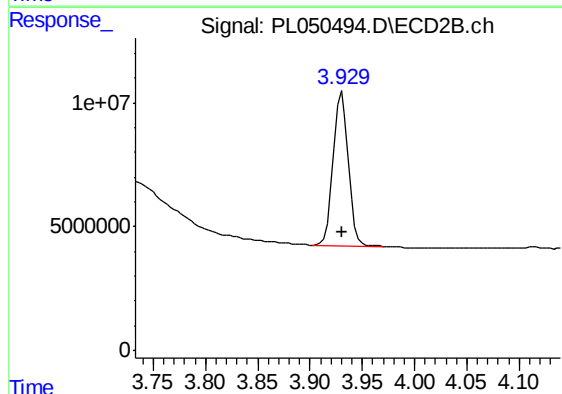
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 220465390
Conc: 21.94 ng/ml

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

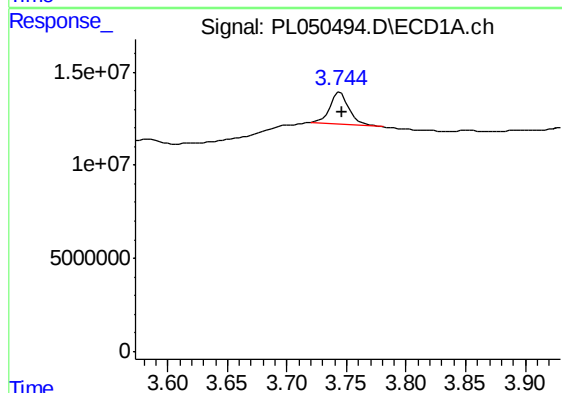
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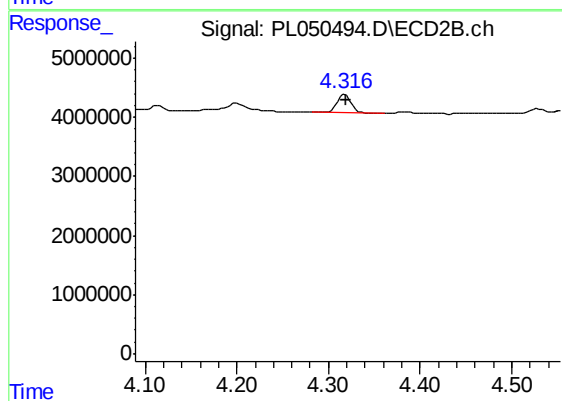
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 62400517
Conc: 21.87 ng/ml



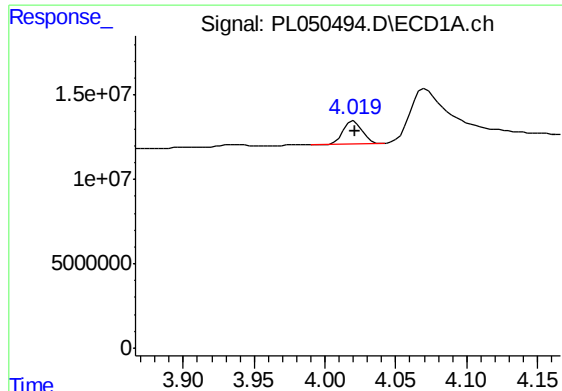
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 18705326
Conc: 1.12 ng/ml



#2 alpha-BHC

R.T.: 4.318 min
Delta R.T.: -0.001 min
Response: 3221895
Conc: 0.78 ng/ml



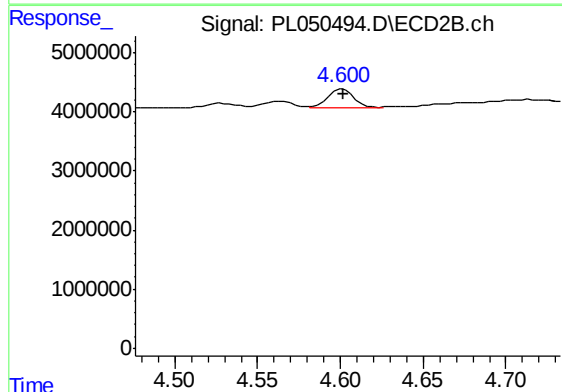
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 12837313
Conc: 0.83 ng/ml

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

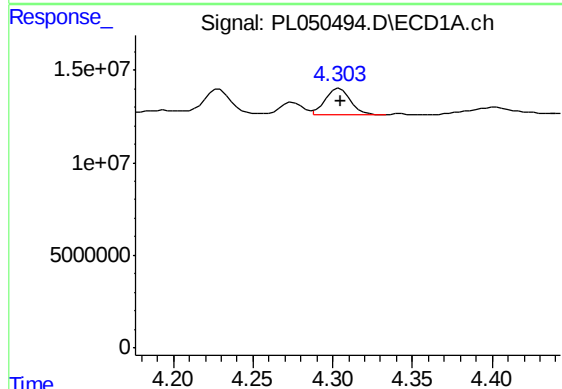
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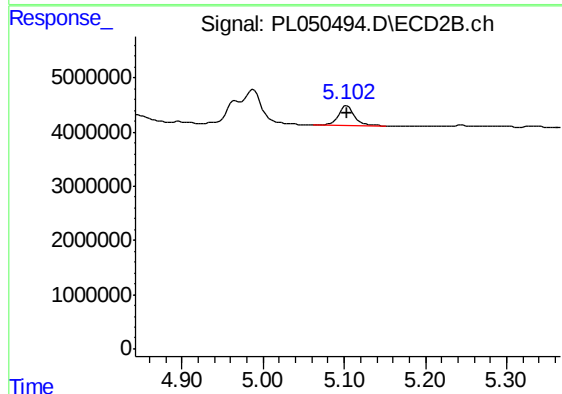
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3369799
Conc: 0.87 ng/ml



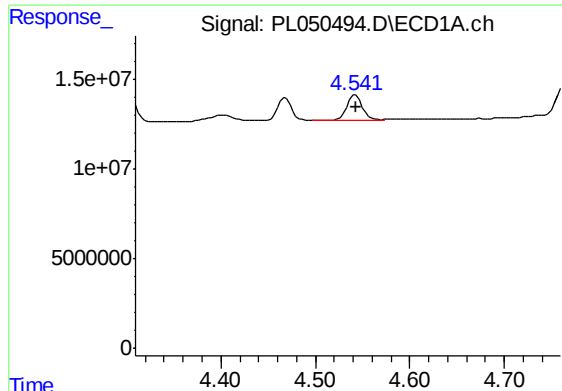
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 14959528
Conc: 0.91 ng/ml



#4 Heptachlor

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 4812301
Conc: 1.16 ng/ml



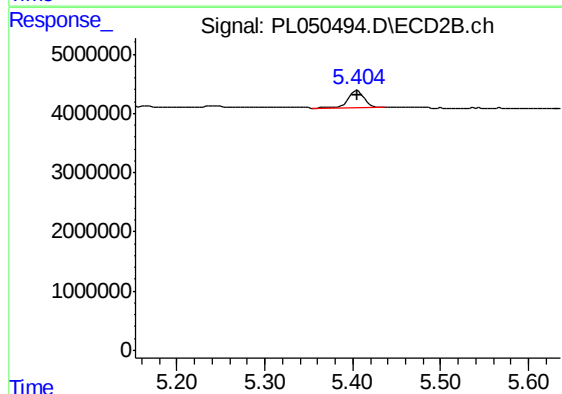
#5 Aldrin

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 15499522
Conc: 1.00 ng/ml

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

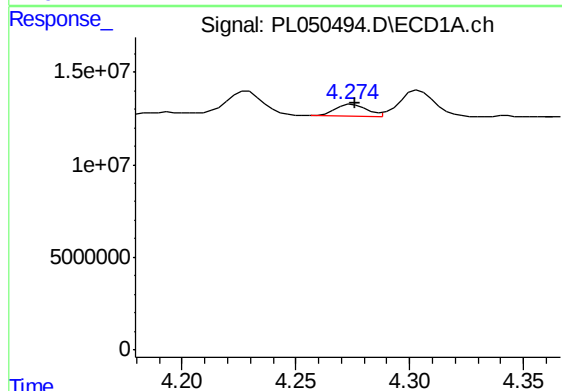
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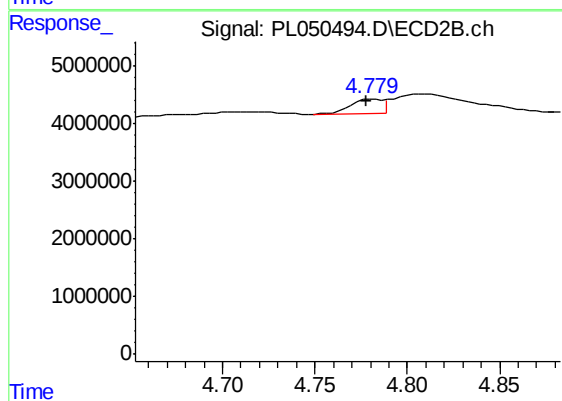
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 3563912
Conc: 0.95 ng/ml



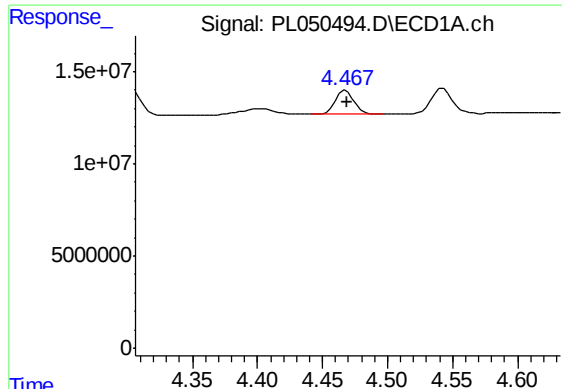
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 6096748
Conc: 0.93 ng/ml



#6 beta-BHC

R.T.: 4.779 min
Delta R.T.: 0.001 min
Response: 3041061
Conc: 1.76 ng/ml m



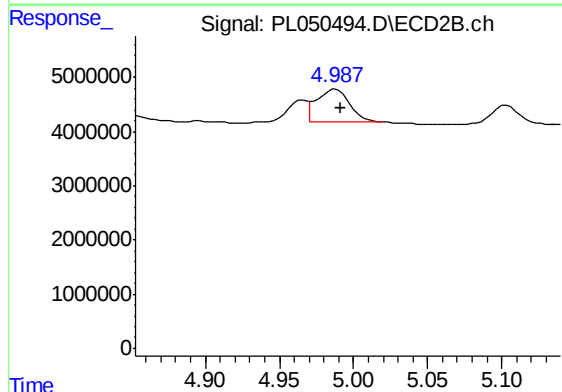
#7 delta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 13048020
Conc: 0.80 ng/ml

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

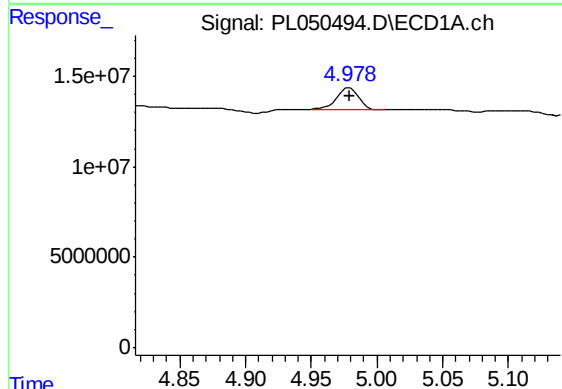
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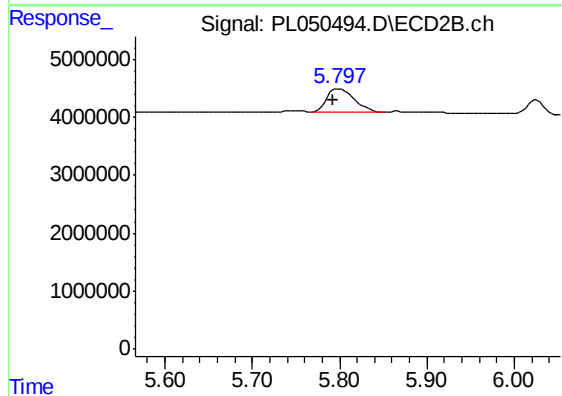
#7 delta-BHC

R.T.: 4.987 min
Delta R.T.: -0.005 min
Response: 9005769
Conc: 2.33 ng/ml m



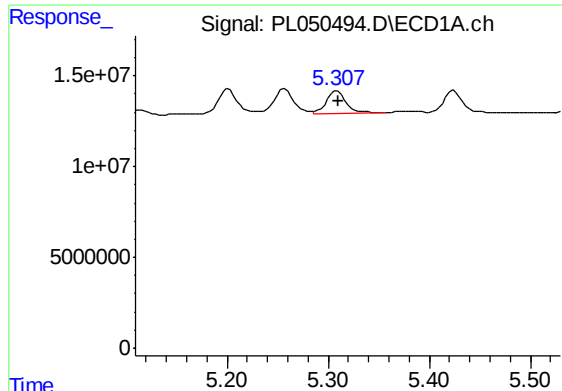
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 14111914
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.799 min
Delta R.T.: 0.006 min
Response: 9034071
Conc: 2.36 ng/ml



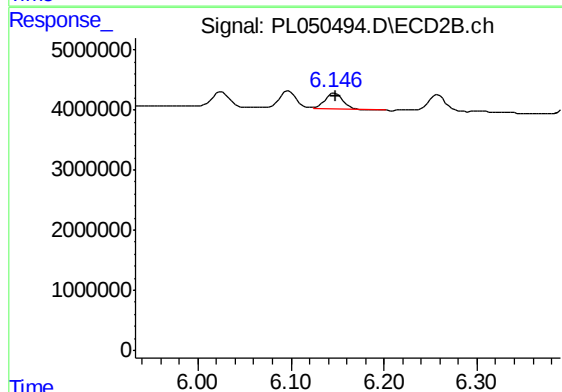
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 16407178
Conc: 1.13 ng/ml

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

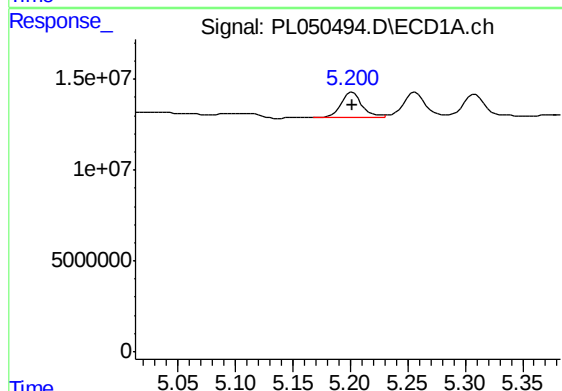
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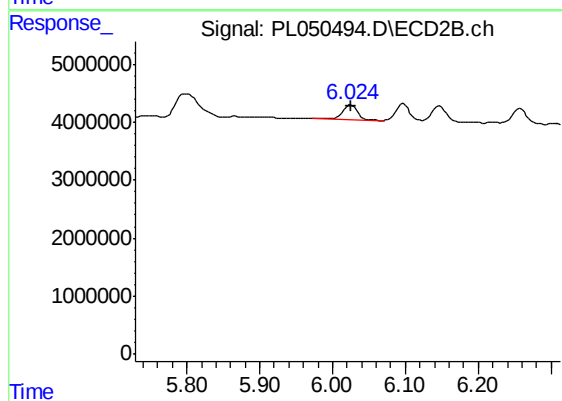
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3658007
Conc: 1.06 ng/ml



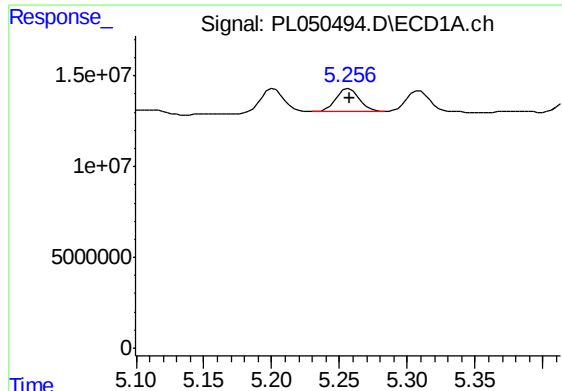
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 18534830
Conc: 1.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3528536
Conc: 0.95 ng/ml



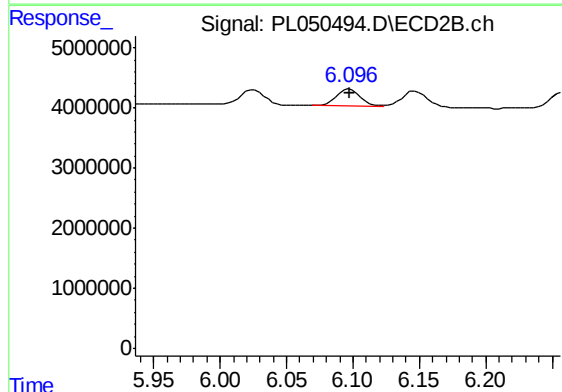
#11 alpha-Chlordane

R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 14432642
Conc: 0.95 ng/ml m

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

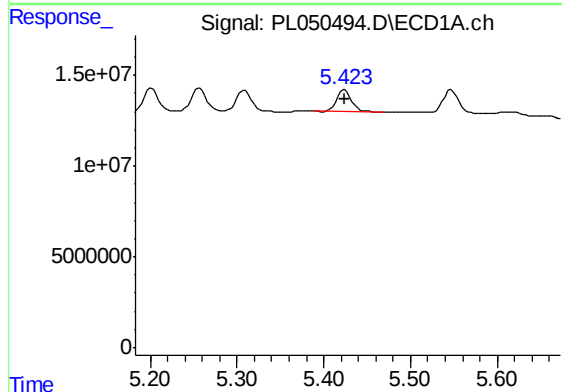
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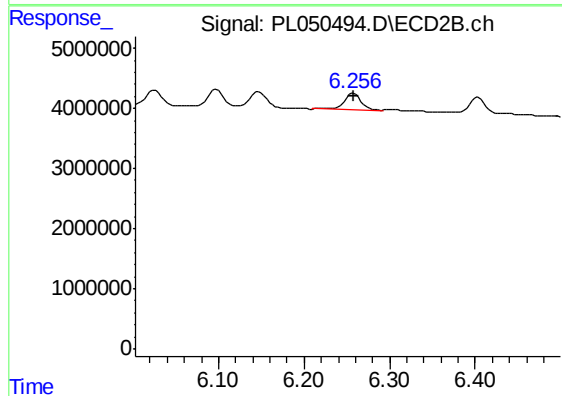
#11 alpha-Chlordane

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 3860099
Conc: 1.05 ng/ml



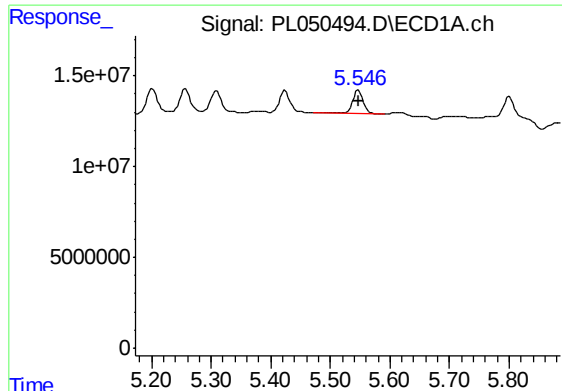
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 14263204
Conc: 0.95 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3488040
Conc: 0.97 ng/ml



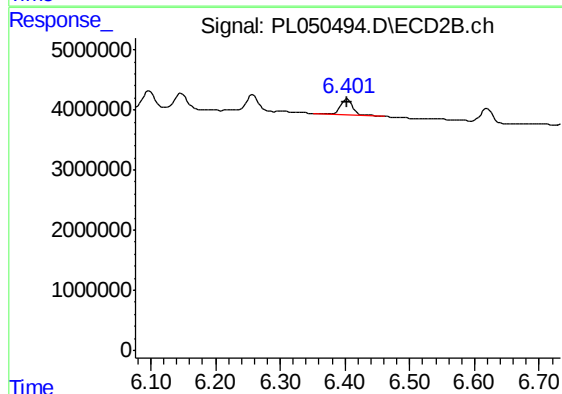
#13 Dieldrin

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 16013370
Conc: 1.03 ng/ml

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

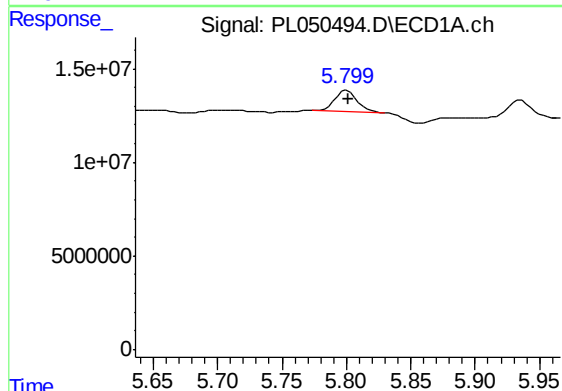
Manual Integrations
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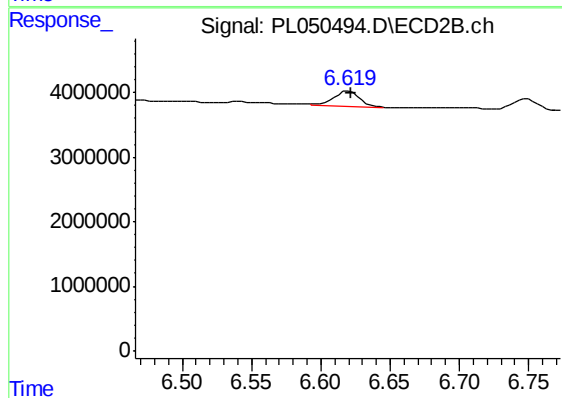
#13 Dieldrin

R.T.: 6.403 min
Delta R.T.: -0.001 min
Response: 3356053
Conc: 0.95 ng/ml



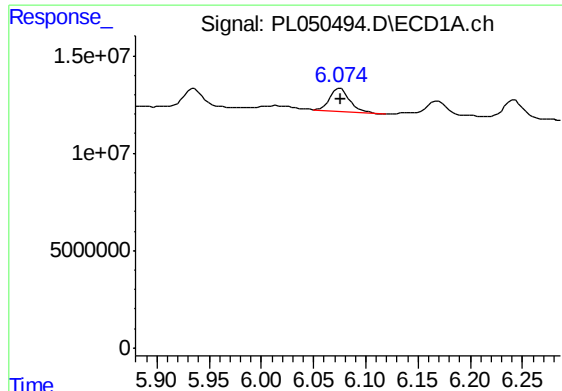
#14 Endrin

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 13708724
Conc: 0.93 ng/ml m



#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 2877643
Conc: 0.93 ng/ml m



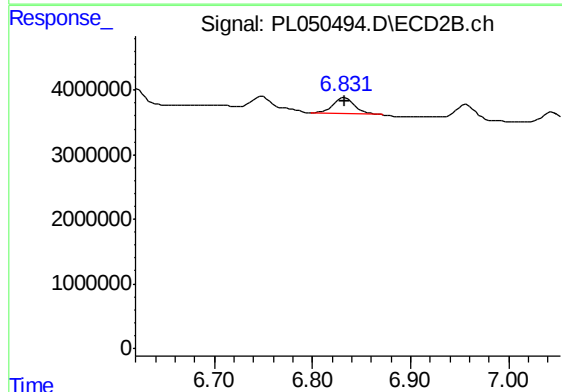
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 15925951
Conc: 1.14 ng/ml

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

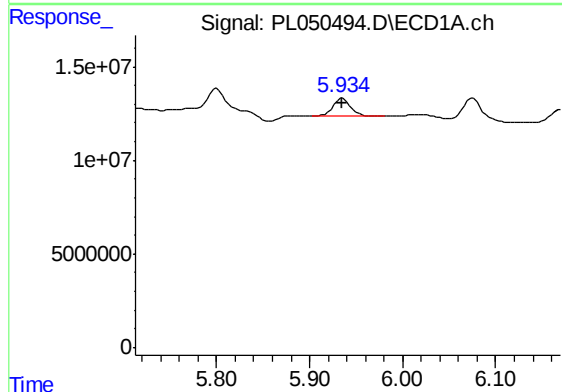
Manual Integrations
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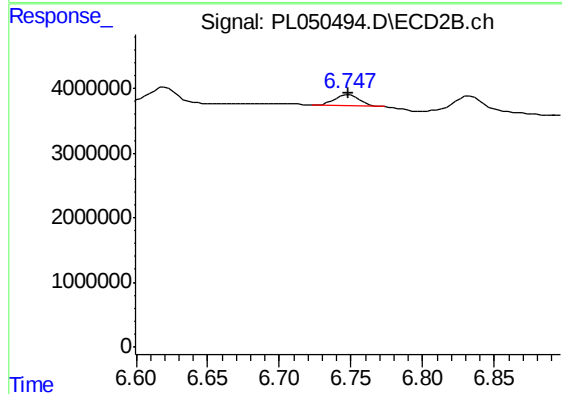
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 3803771
Conc: 1.20 ng/ml



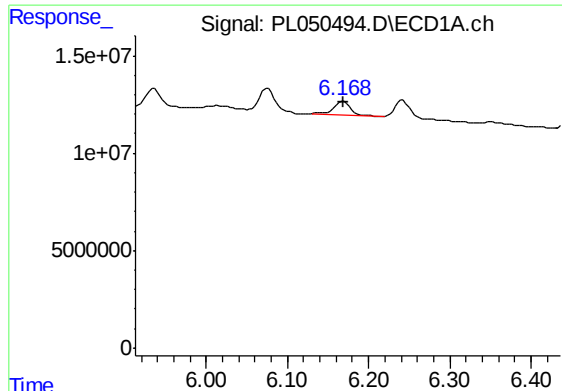
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 12417809
Conc: 1.04 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2258285
Conc: 0.85 ng/ml m



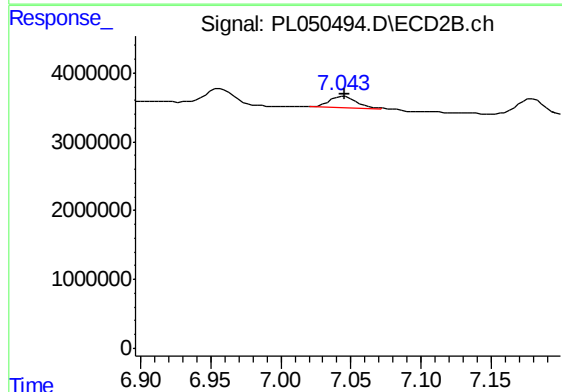
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 10418990
Conc: 0.84 ng/ml

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

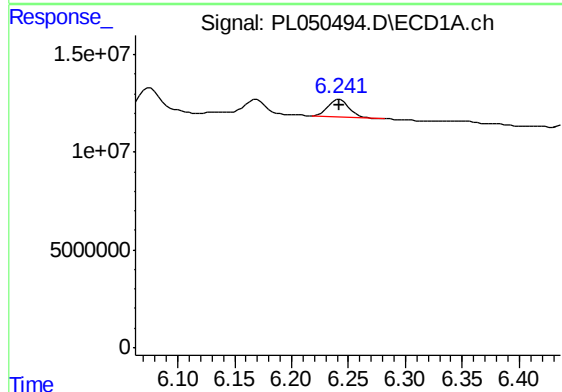
Manual Integrations
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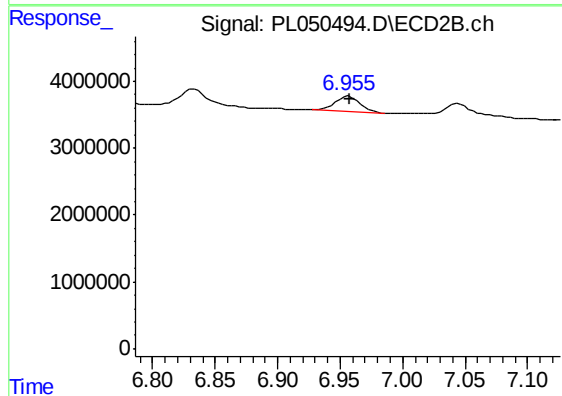
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 2166618
Conc: 0.80 ng/ml m



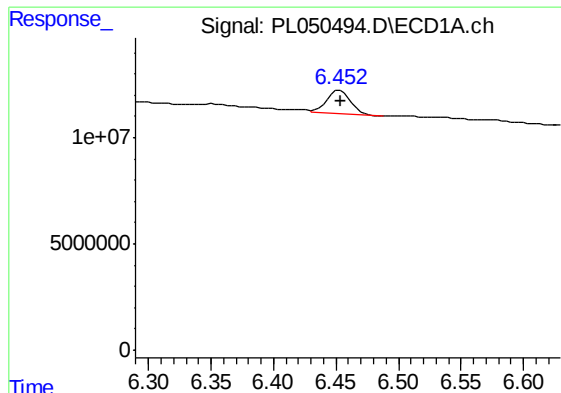
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 11478117
Conc: 0.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.955 min
Delta R.T.: -0.002 min
Response: 3059314
Conc: 1.13 ng/ml m



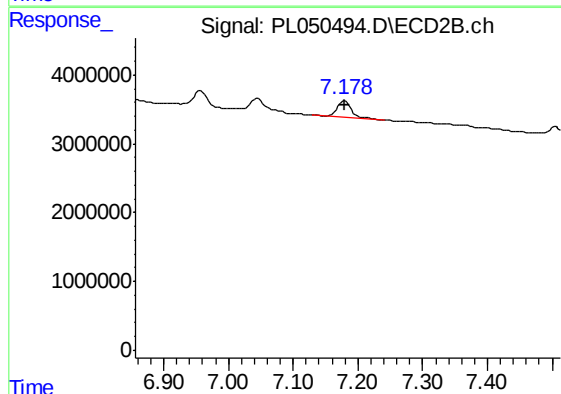
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 14558294
Conc: 1.14 ng/ml

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

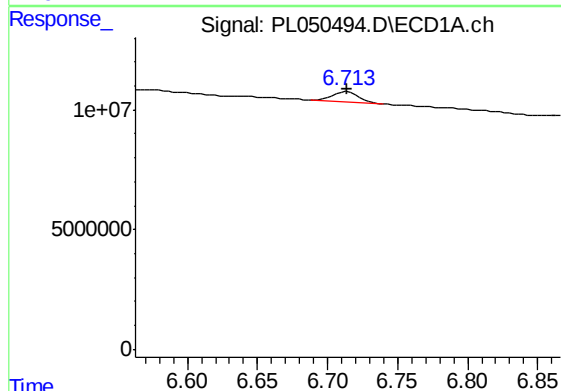
Manual Integrations
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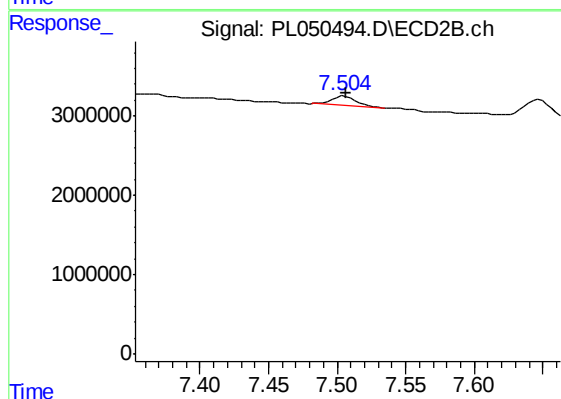
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 3541141
Conc: 1.23 ng/ml



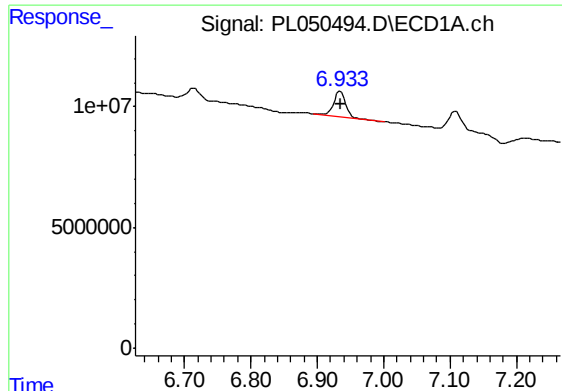
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 5686955
Conc: 0.91 ng/ml m



#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 1475253
Conc: 1.01 ng/ml m



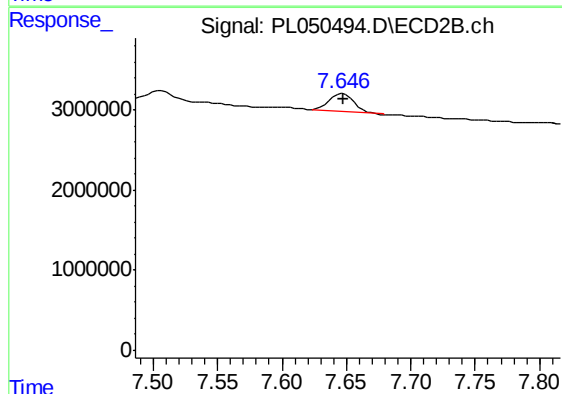
#21 Endrin ketone

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 12302981
Conc: 0.90 ng/ml

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

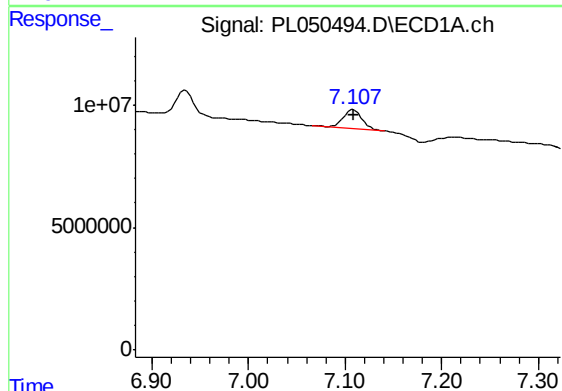
Manual Integrations
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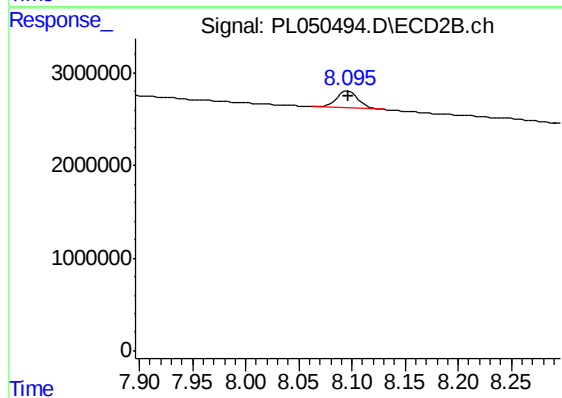
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 2929276
Conc: 1.01 ng/ml m



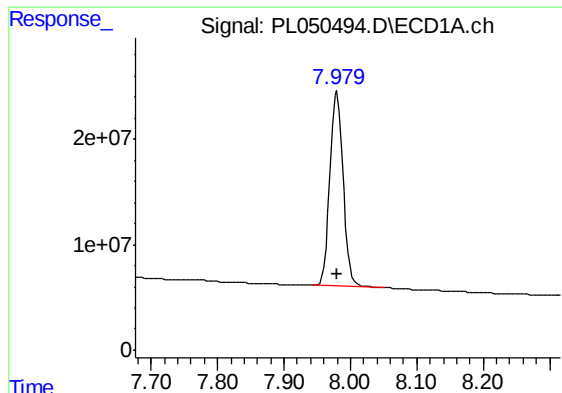
#22 Mirex

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 10424778
Conc: 1.06 ng/ml



#22 Mirex

R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 2618380
Conc: 1.14 ng/ml m



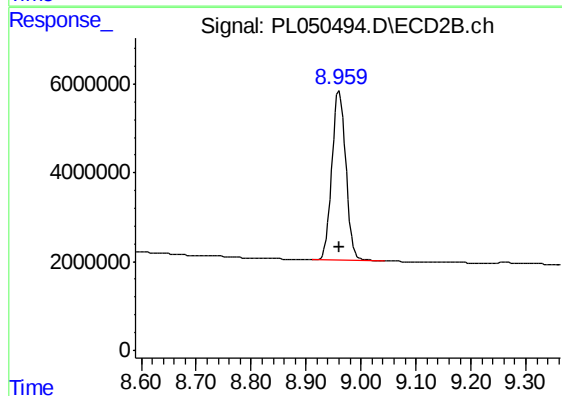
#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 255203902
Conc: 25.20 ng/ml

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

Manual Integrations
APPROVED

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7/18/2019 2:56:23 PM



#28 Decachlorobiphenyl

R.T.: 8.960 min
Delta R.T.: -0.001 min
Response: 67858630
Conc: 24.00 ng/ml