

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041619\
 Data File : PL047425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2019 11:58
 Operator : AJ\SJ
 Sample : K1560-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:48:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.361	3.973	168.5E6	52350198	23.160	22.864
28)	SA Decachlor...	8.038	9.029	207.0E6	60937307	24.612	26.283
Target Compounds							
2)	A alpha-BHC	3.789	4.363	9282377	2611995	0.796	0.813
3)	MA gamma-BHC...	4.067	4.648	8529072	3554488	0.794	1.188 #
4)	MA Heptachlor	4.354	5.155	10450413	3382384	0.948	1.100
5)	MB Aldrin	4.594	5.458	9297664	2753993	0.901	0.961
6)	B beta-BHC	4.322	4.821	4486546	2509185	0.996	1.893 #
7)	B delta-BHC	4.516	5.038	7378732	883417	0.729	0.381m#
8)	B Heptachlor...	5.032	5.843	9965489	1859274	1.022	0.705 #
9)	A Endosulfan I	5.364	6.201	8967420	2912468	0.954	1.116
10)	B gamma-Chl...	5.254	6.079	10688088	3317786	1.040	1.169
11)	B alpha-Chl...	5.311	6.151	10118672	3131125	0.998	1.104
12)	B 4,4'-DDE	5.478	6.309	8073167	2419926	0.877	0.975
13)	MA Dieldrin	5.603	6.458	9117614	2713976	0.909	1.001
14)	MA Endrin	5.856	6.675	8824626	2315921	0.937	0.969
15)	B Endosulfa...	6.130	6.886	9402007	3275764	1.049	1.358 #
16)	A 4,4'-DDD	5.989	6.800	6958816	1981311	0.921	0.985
17)	MA 4,4'-DDT	6.224	7.097	5502572	1992106	0.726	0.950 #
18)	B Endrin al...	6.298	7.009	7661135	2436056	1.022	1.147
19)	B Endosulfa...	6.509	7.233	9123598	2767473	1.111	1.173
20)	A Methoxychlor	6.767	7.556	3941716	1379793	0.927m	1.082m
21)	B Endrin ke...	6.992	7.700	8710665	2654625	0.942	1.068m
22)	Mirex	7.168	8.155	9052515	2736169	1.243	1.368

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041619\
 Data File : PL047425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2019 11:58
 Operator : AJ\SJ
 Sample : K1560-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

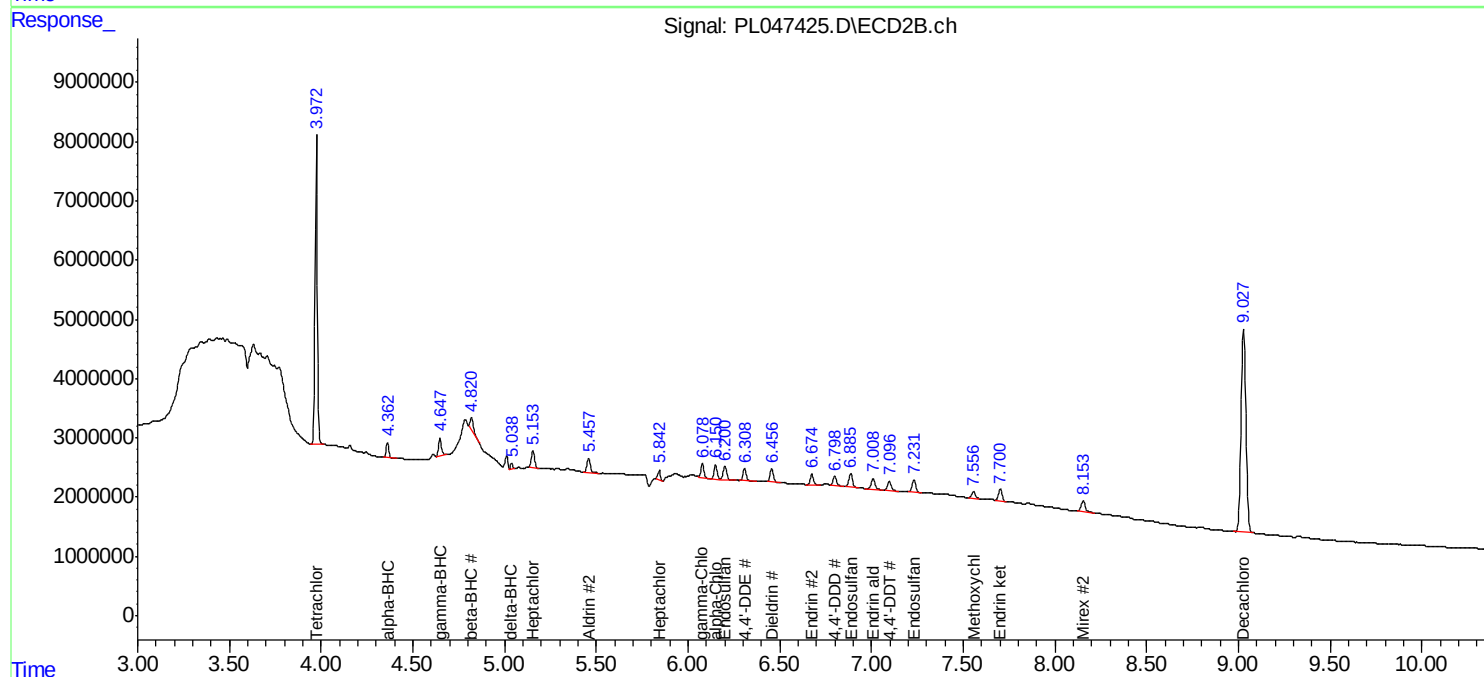
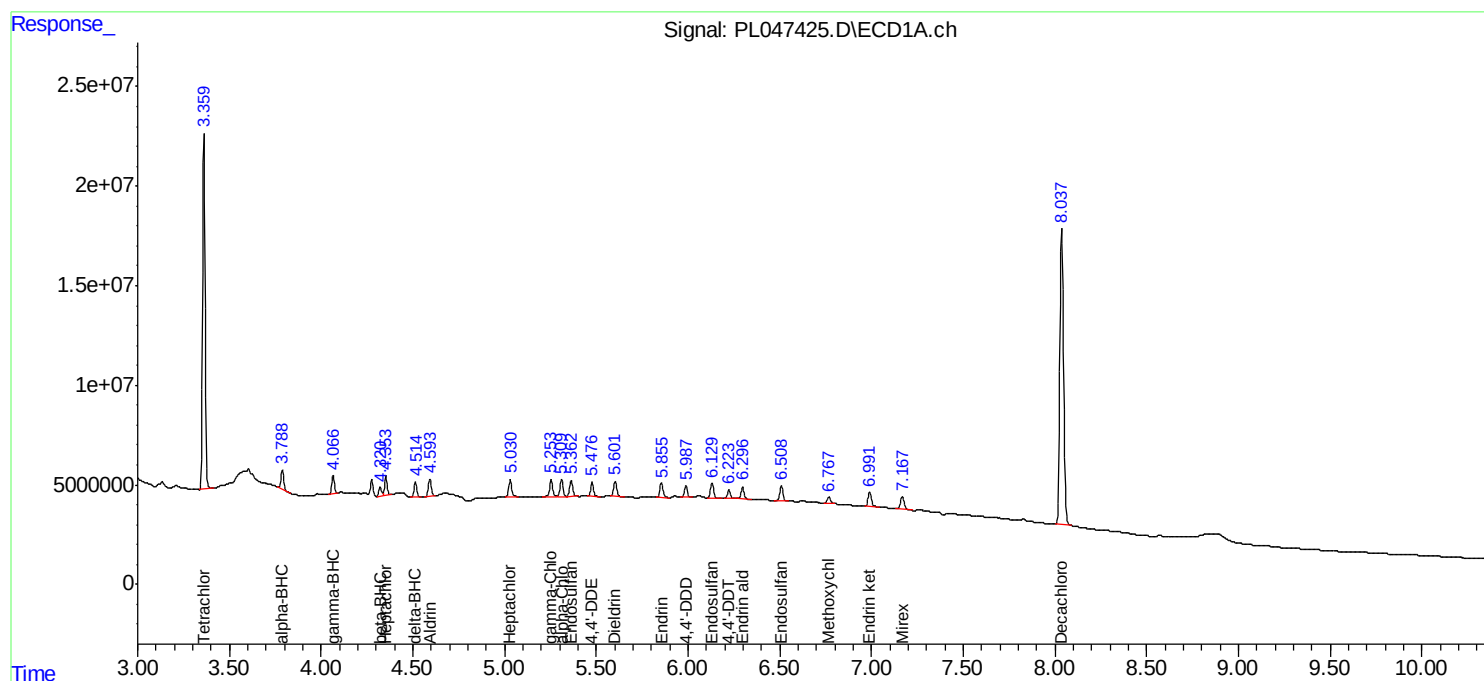
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

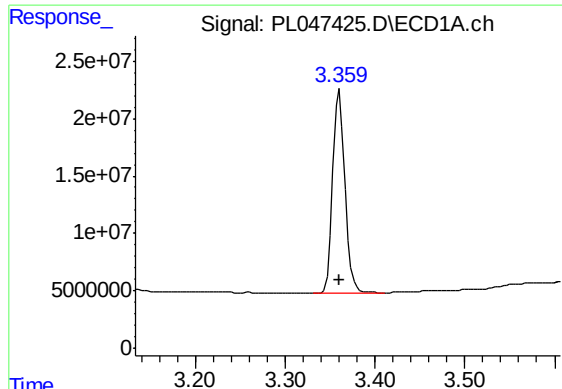
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:48:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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





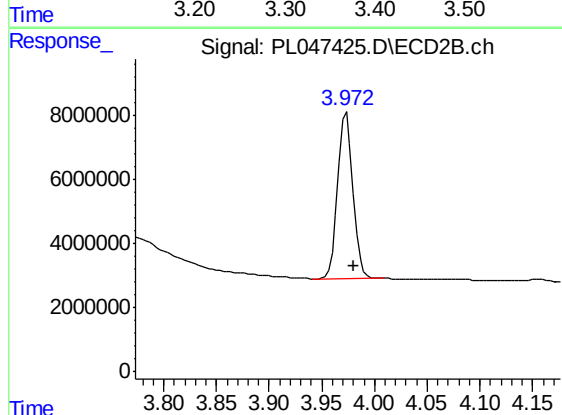
#1 Tetrachloro-m-xylene

R.T.: 3.361 min
Delta R.T.: 0.000 min
Response: 168483332
Conc: 23.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

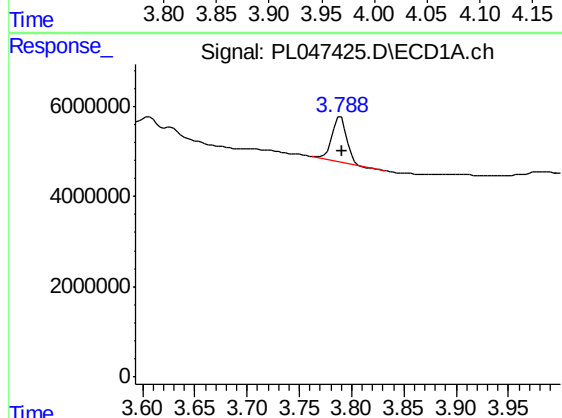
Manual Integrations
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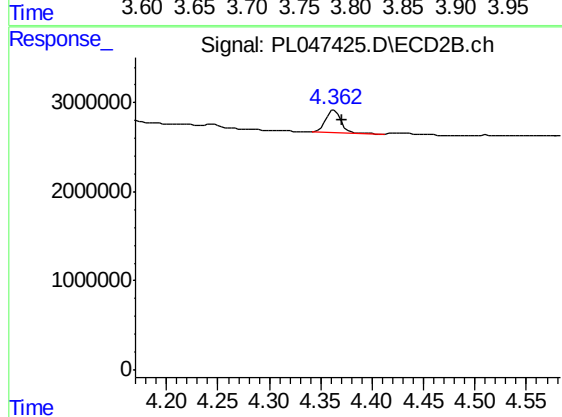
#1 Tetrachloro-m-xylene

R.T.: 3.973 min
Delta R.T.: -0.007 min
Response: 52350198
Conc: 22.86 ng/ml



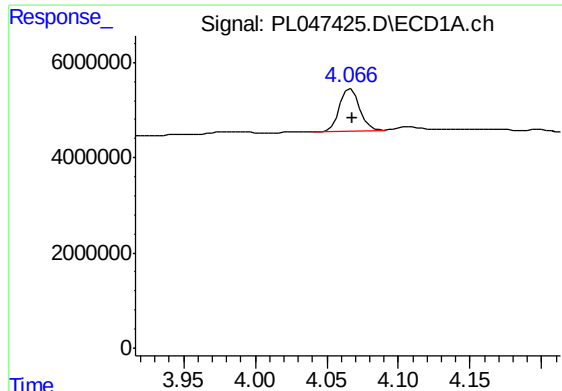
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.001 min
Response: 9282377
Conc: 0.80 ng/ml



#2 alpha-BHC

R.T.: 4.363 min
Delta R.T.: -0.008 min
Response: 2611995
Conc: 0.81 ng/ml



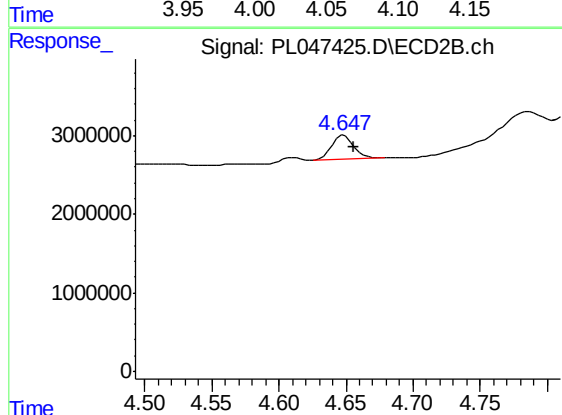
#3 gamma-BHC (Lindane)

R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 8529072
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

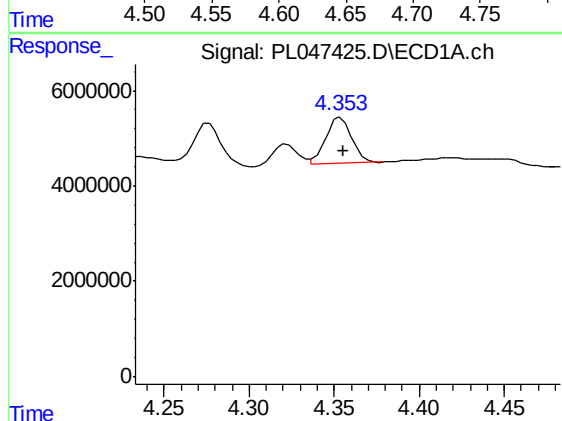
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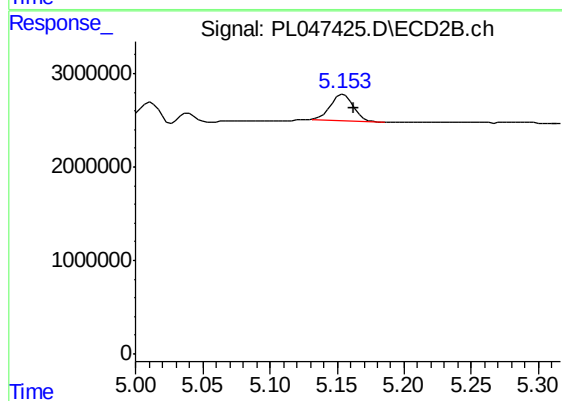
#3 gamma-BHC (Lindane)

R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 3554488
Conc: 1.19 ng/ml



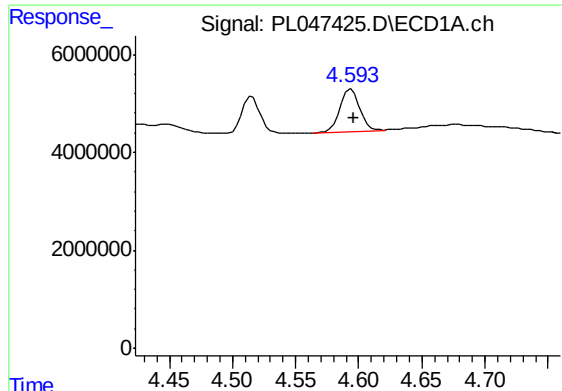
#4 Heptachlor

R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 10450413
Conc: 0.95 ng/ml



#4 Heptachlor

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 3382384
Conc: 1.10 ng/ml



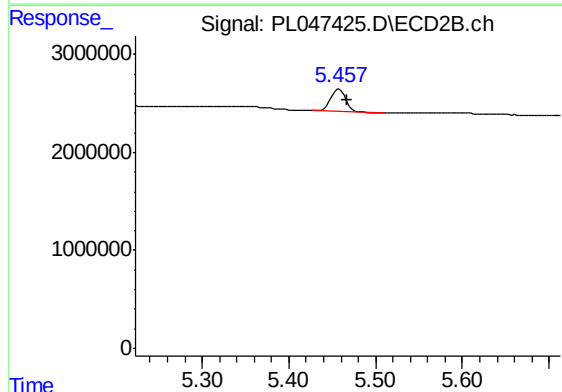
#5 Aldrin

R.T.: 4.594 min
Delta R.T.: -0.002 min
Response: 9297664
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

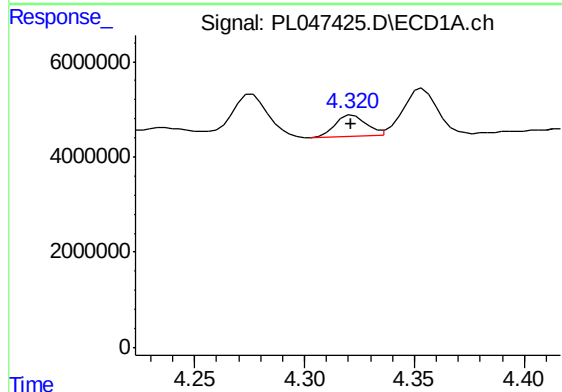
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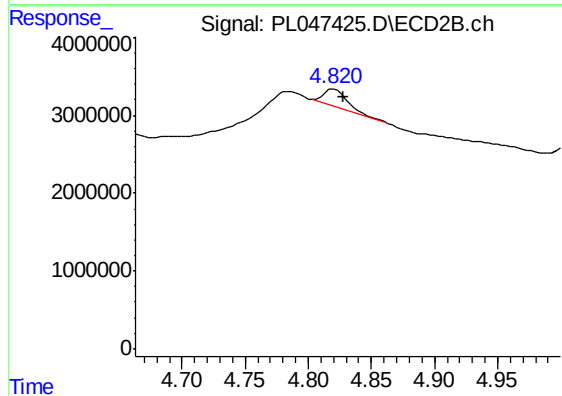
#5 Aldrin

R.T.: 5.458 min
Delta R.T.: -0.009 min
Response: 2753993
Conc: 0.96 ng/ml



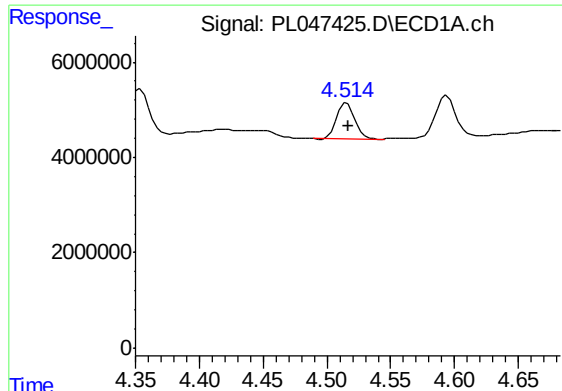
#6 beta-BHC

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 4486546
Conc: 1.00 ng/ml



#6 beta-BHC

R.T.: 4.821 min
Delta R.T.: -0.007 min
Response: 2509185
Conc: 1.89 ng/ml



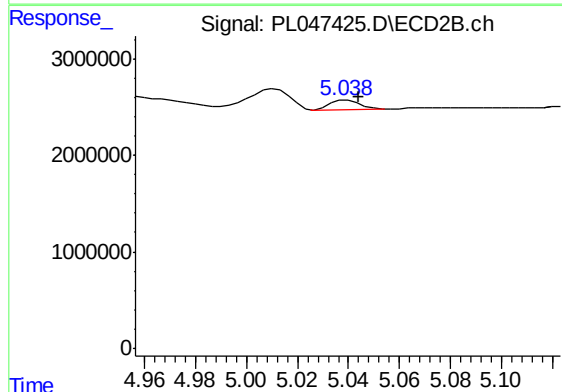
#7 delta-BHC

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 7378732
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

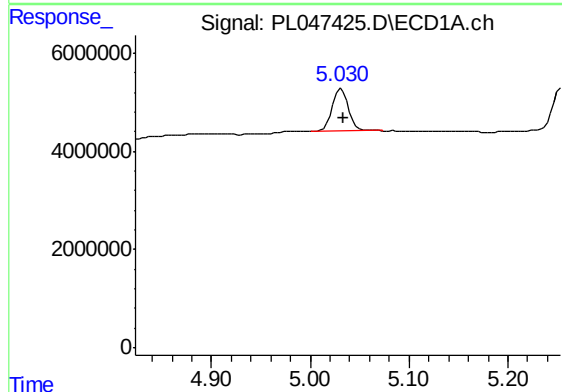
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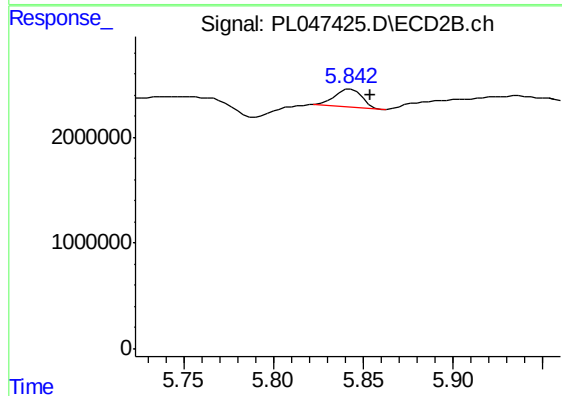
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 883417
Conc: 0.38 ng/ml m



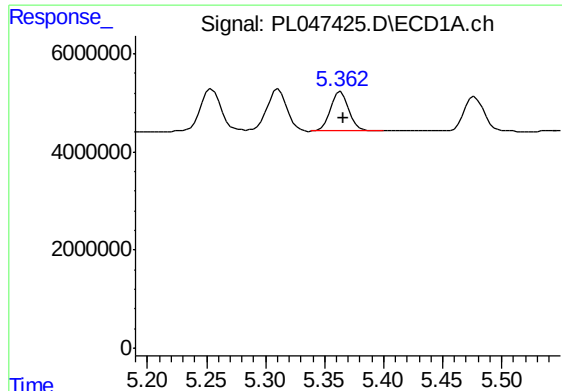
#8 Heptachlor epoxide

R.T.: 5.032 min
Delta R.T.: -0.002 min
Response: 9965489
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min
Delta R.T.: -0.010 min
Response: 1859274
Conc: 0.71 ng/ml



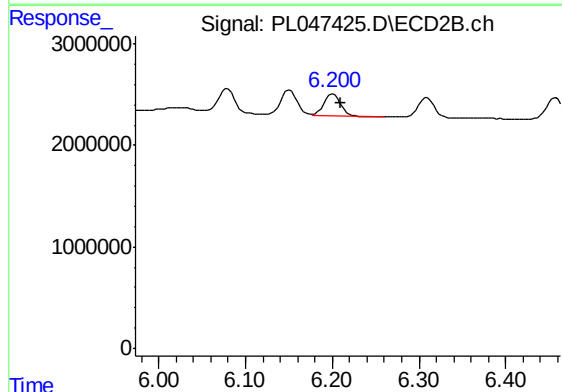
#9 Endosulfan I

R.T.: 5.364 min
Delta R.T.: -0.003 min
Response: 8967420
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

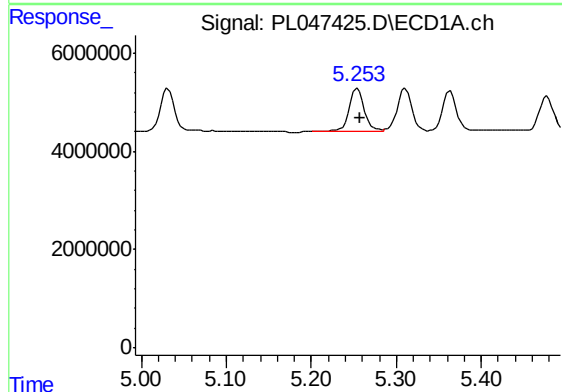
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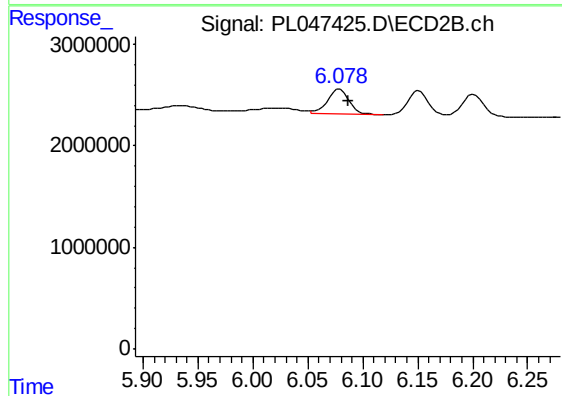
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 2912468
Conc: 1.12 ng/ml



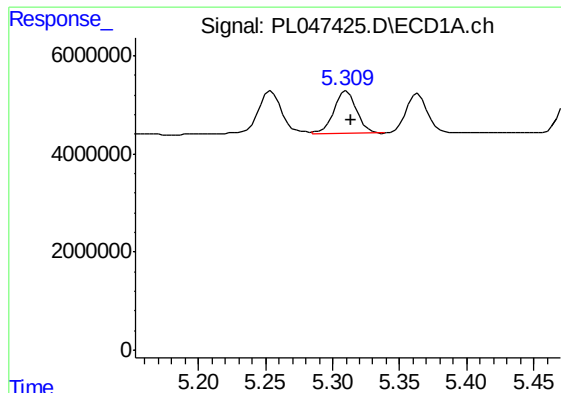
#10 gamma-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 10688088
Conc: 1.04 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 3317786
Conc: 1.17 ng/ml



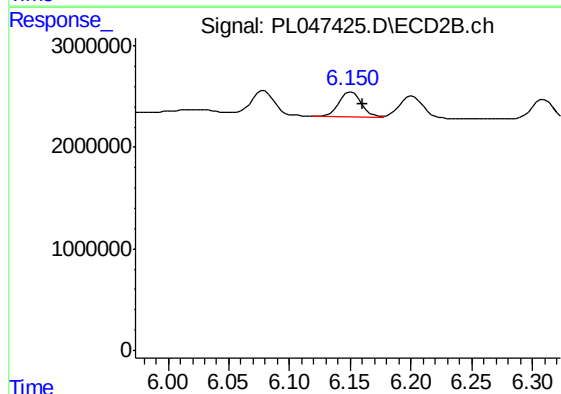
#11 alpha-Chlordane

R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 10118672
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

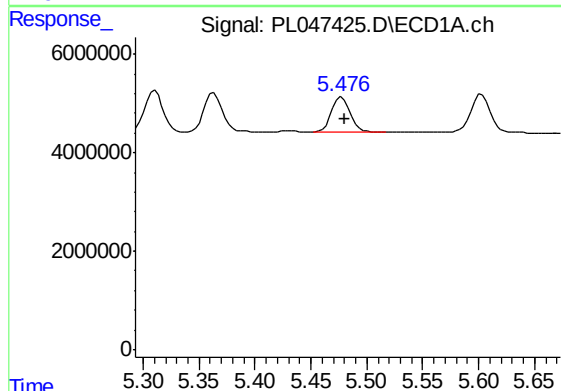
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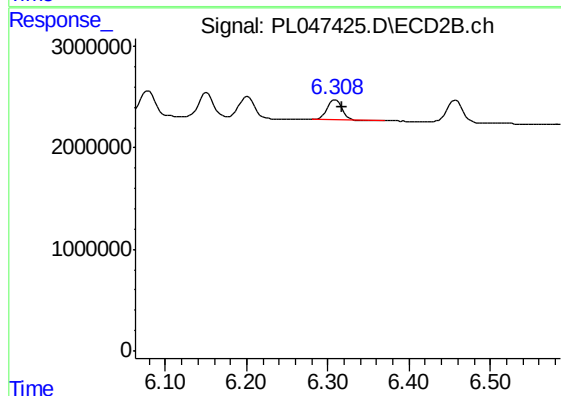
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 3131125
Conc: 1.10 ng/ml



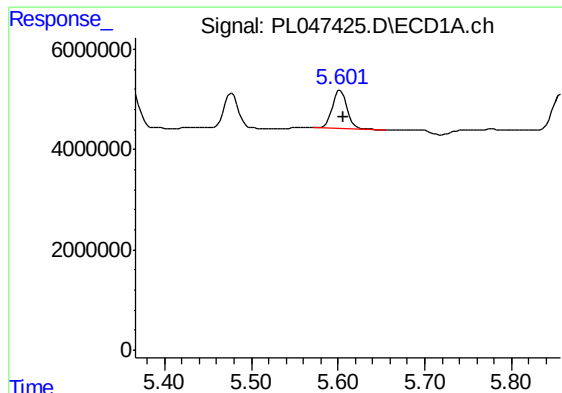
#12 4,4'-DDE

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 8073167
Conc: 0.88 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 2419926
Conc: 0.97 ng/ml



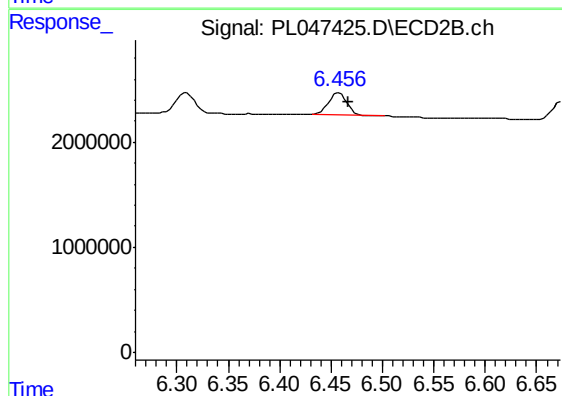
#13 Dieldrin

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 9117614
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

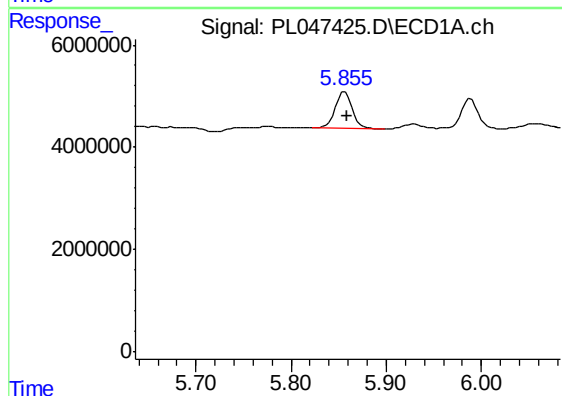
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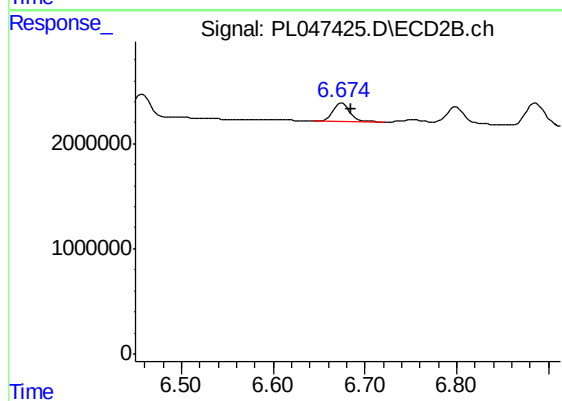
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 2713976
Conc: 1.00 ng/ml



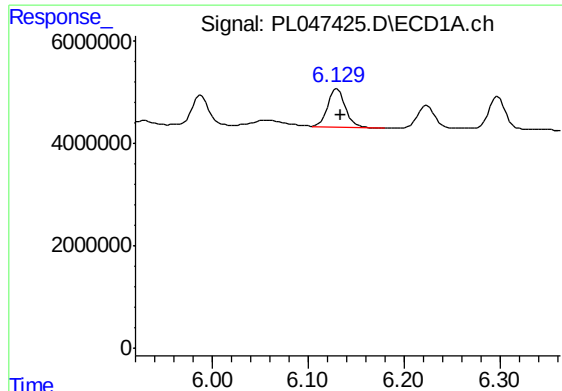
#14 Endrin

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 8824626
Conc: 0.94 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 2315921
Conc: 0.97 ng/ml



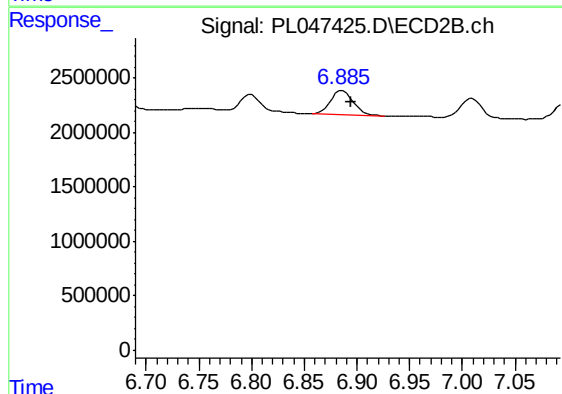
#15 Endosulfan II

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 9402007
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

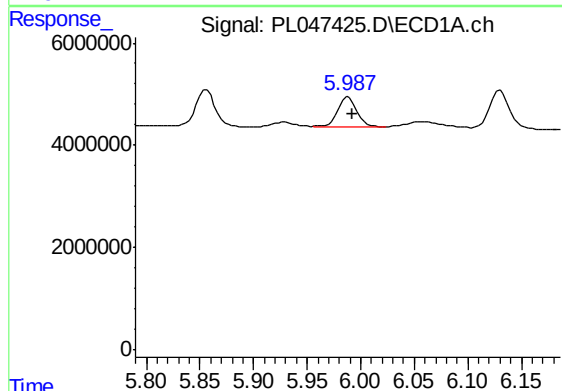
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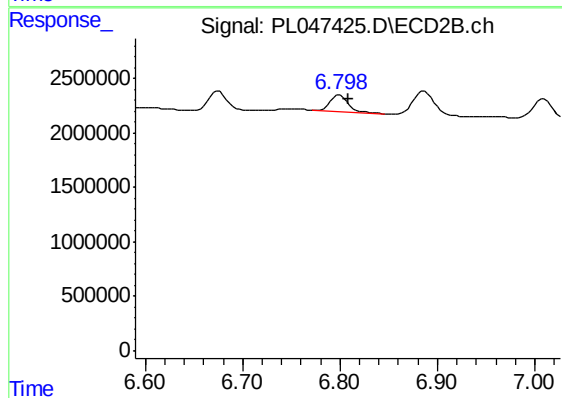
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.008 min
Response: 3275764
Conc: 1.36 ng/ml



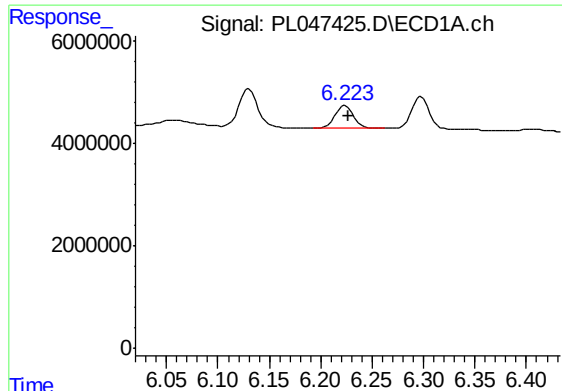
#16 4,4'-DDD

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 6958816
Conc: 0.92 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 1981311
Conc: 0.98 ng/ml



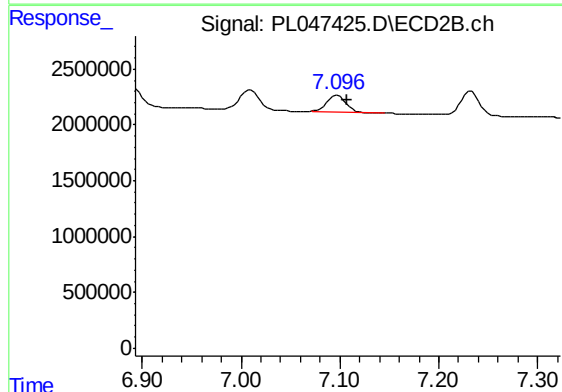
#17 4,4'-DDT

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5502572
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

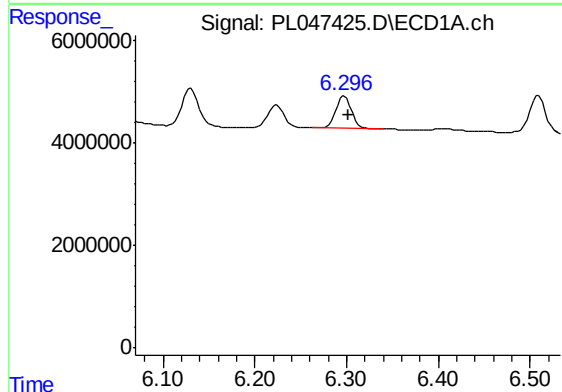
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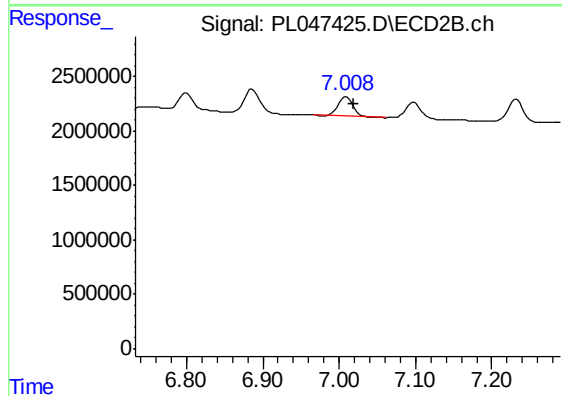
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 1992106
Conc: 0.95 ng/ml



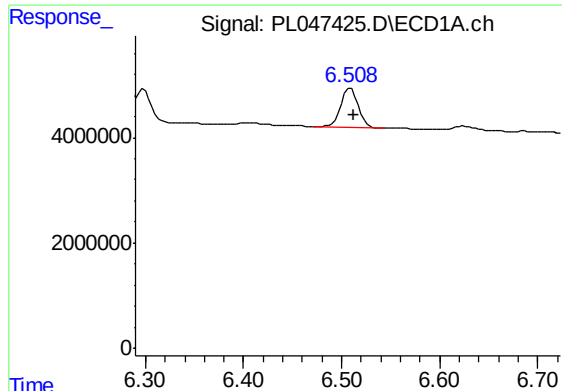
#18 Endrin aldehyde

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 7661135
Conc: 1.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 2436056
Conc: 1.15 ng/ml



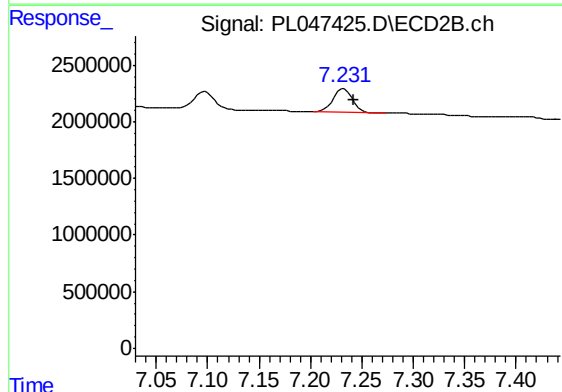
#19 Endosulfan Sulfate

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 9123598
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

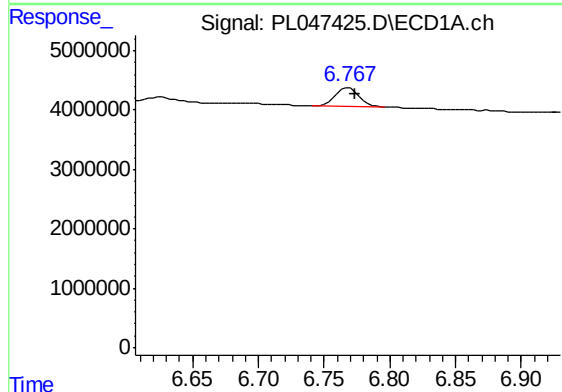
Manual Integrations
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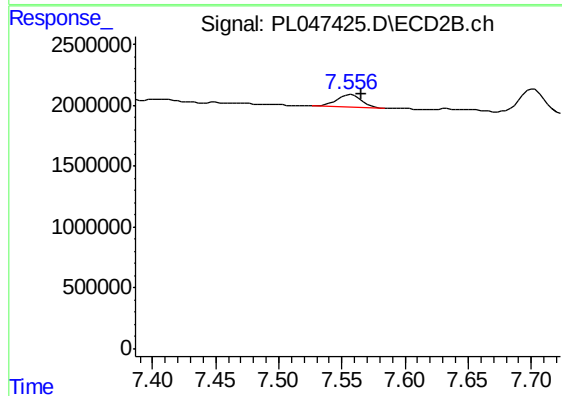
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 2767473
Conc: 1.17 ng/ml



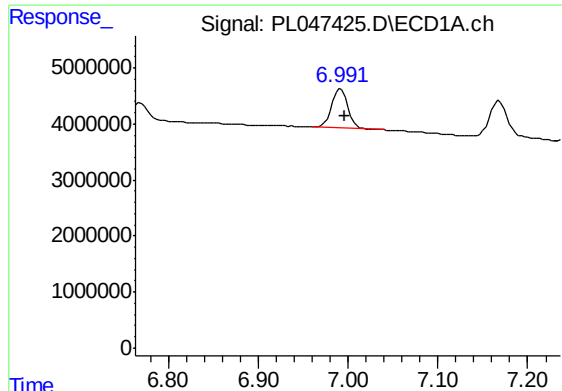
#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.006 min
Response: 3941716
Conc: 0.93 ng/ml m



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.010 min
Response: 1379793
Conc: 1.08 ng/ml m



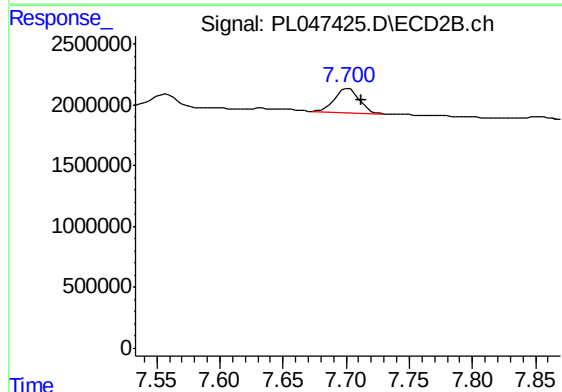
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 8710665
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

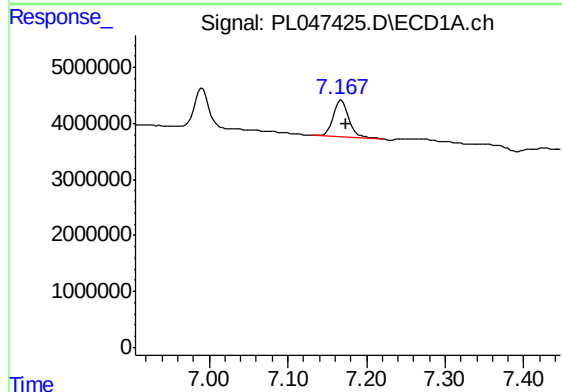
Manual Integrations
APPROVED

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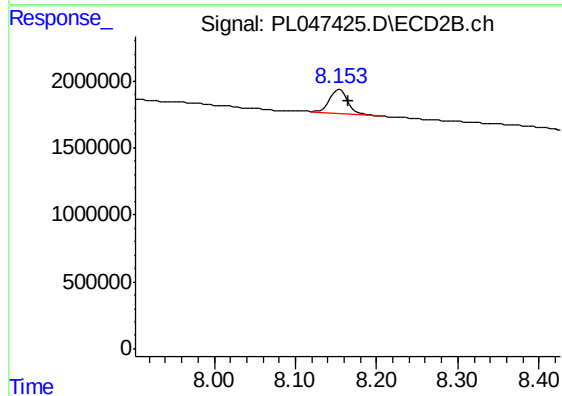
#21 Endrin ketone

R.T.: 7.700 min
Delta R.T.: -0.011 min
Response: 2654625
Conc: 1.07 ng/ml m



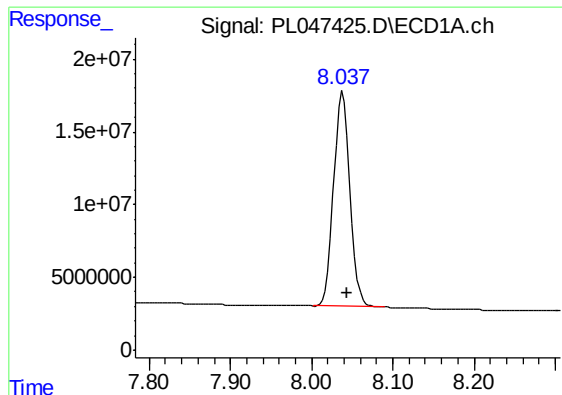
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 9052515
Conc: 1.24 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 2736169
Conc: 1.37 ng/ml



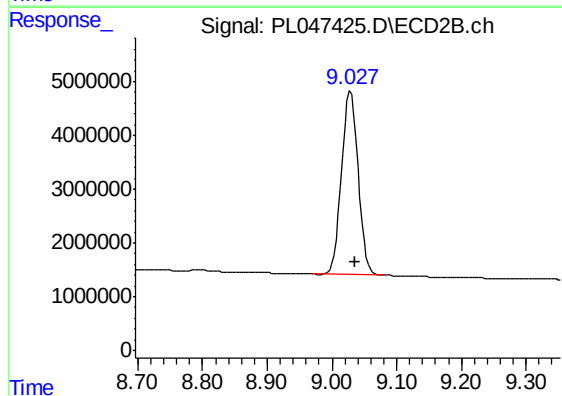
#28 Decachlorobiphenyl

R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 207010787
Conc: 24.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Manual Integrations
APPROVED

Sohil
4/17/2019 4:52:45 PM



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 60937307
Conc: 26.28 ng/ml