

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054002.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 22:06
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 1 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_D
 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 19 05:51:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.313	3.983	12599327	19550880	21.891	22.443
28)	SA Decachlor...	8.008	9.025	15500181	22185832	23.026	23.932
Target Compounds							
2)	A alpha-BHC	3.743	4.370	935506	1211939	1.080	0.961
3)	MA gamma-BHC...	4.019	4.652	972657	1198829	1.186	0.977
4)	MA Heptachlor	4.307	5.160	647412	1543141	0.888	1.232 #
5)	MB Aldrin	4.547	5.465	832135	989039	1.047m	0.804
6)	B beta-BHC	4.268	4.819	320810	623808	0.911m	1.114
7)	B delta-BHC	4.464	5.033	729199	1266767	0.870m	0.979m
8)	B Heptachlo...	4.985	5.848	810993	1320207	1.069m	1.092
9)	A Endosulfan I	5.319	6.202	815654	1177219	1.098	1.014m
10)	B gamma-Chl...	5.208	6.079	789387	1301971	0.970m	0.988m
11)	B alpha-Chl...	5.265	6.153	789910	1410122	0.975m	1.086m
12)	B 4,4'-DDE	5.436	6.309	729180	1330213	0.920	1.083
13)	MA Dieldrin	5.560	6.458	808884	1345711	0.996	1.071
14)	MA Endrin	5.814	6.675	818135	1120350	1.092	1.069m
15)	B Endosulfa...	6.085	6.881	683233	1223385	0.913m	1.058m
16)	A 4,4'-DDD	5.948	6.796	583818	1208590	0.975	1.196
17)	MA 4,4'-DDT	6.187	7.094	286937	871392	0.498	0.885 #
18)	B Endrin al...	6.257	7.006	891798	1178812	1.404	1.185
19)	B Endosulfa...	6.467	7.228	910845	1253155	1.296	1.153
20)	A Methoxychlor	6.736	7.550	323001	556948	1.130	1.038
21)	B Endrin ke...	6.953	7.697	613196	1332549	0.765m	1.096 #
22)	Mirex	7.129	8.152	682489	1164315	1.049	1.263

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054002.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 22:06
Operator : SM\AJ
Sample : K3591-01
Misc : LOD 1 PPB
ALS Vial : 42 Sample Multiplier: 1

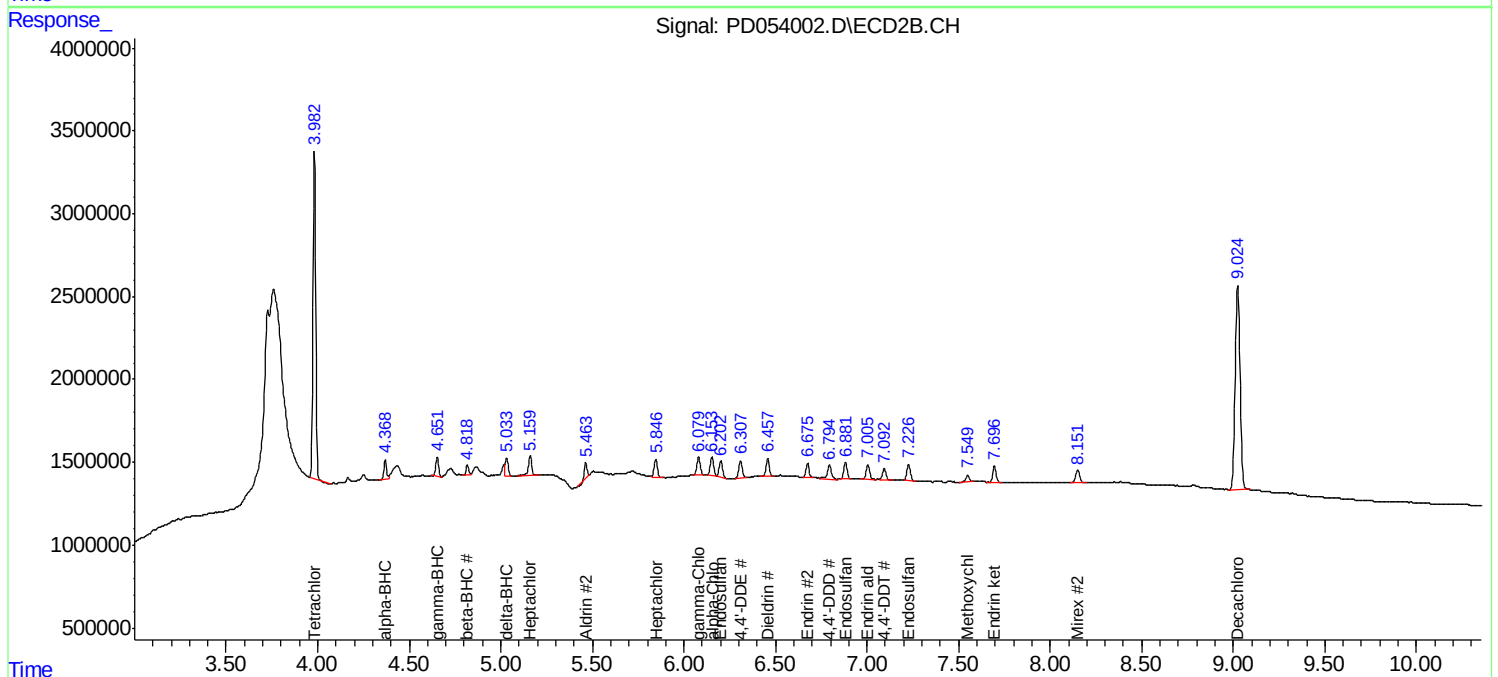
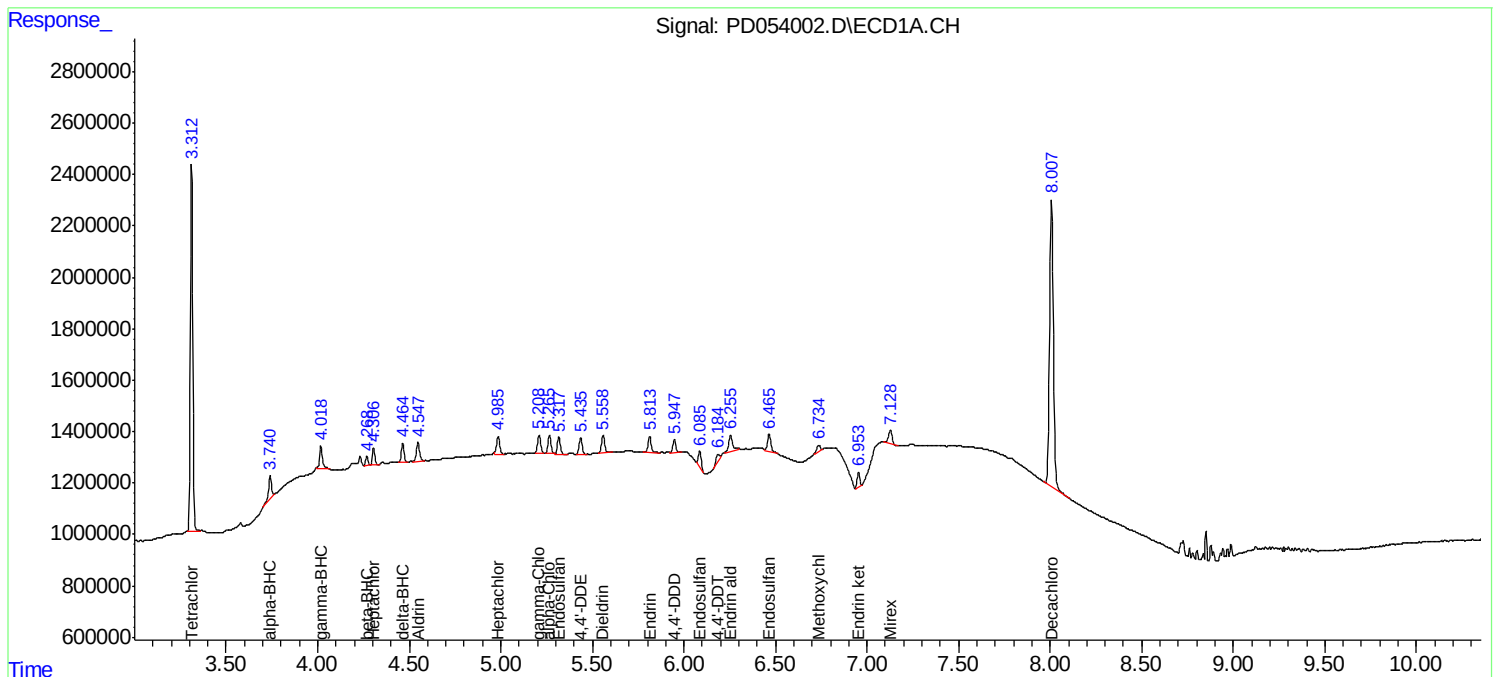
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

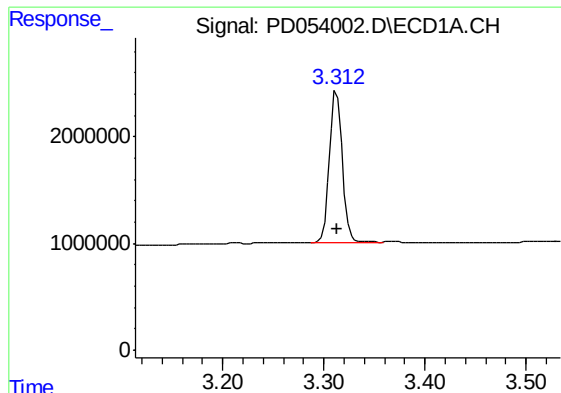
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:51:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm





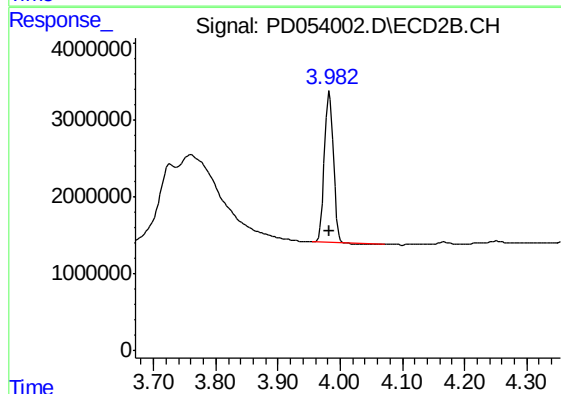
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 12599327
Conc: 21.89 ng/ml

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

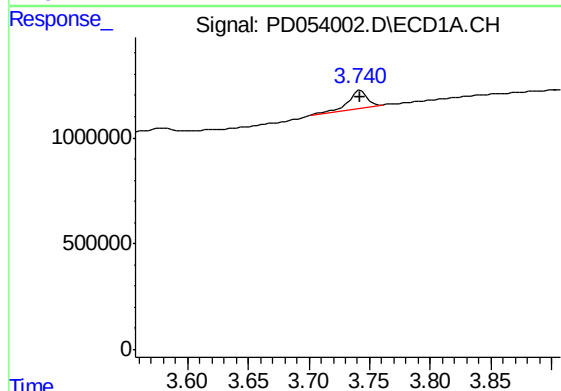
Manual Integrations
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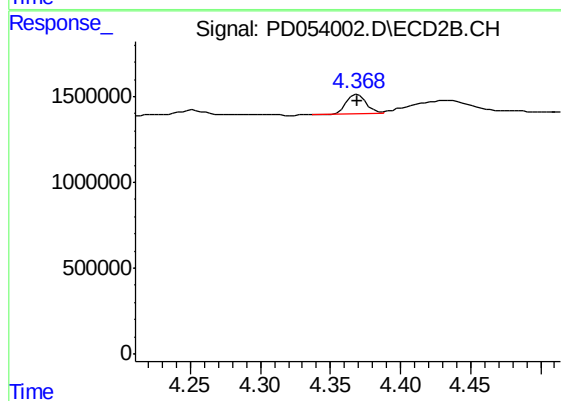
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 19550880
Conc: 22.44 ng/ml



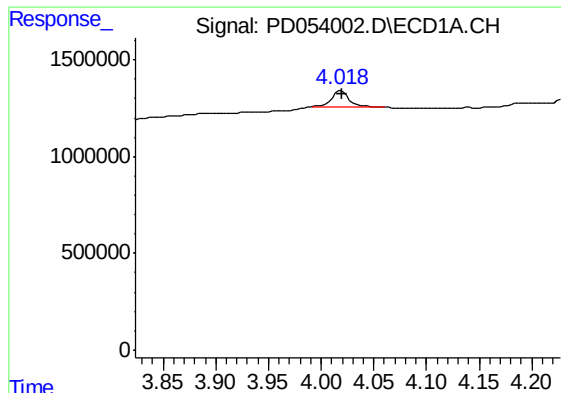
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 935506
Conc: 1.08 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 1211939
Conc: 0.96 ng/ml



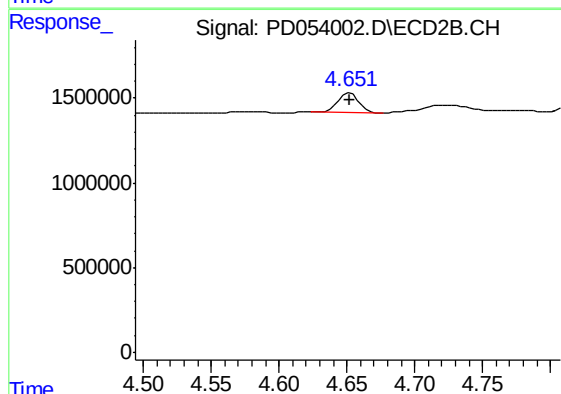
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 972657
Conc: 1.19 ng/ml

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

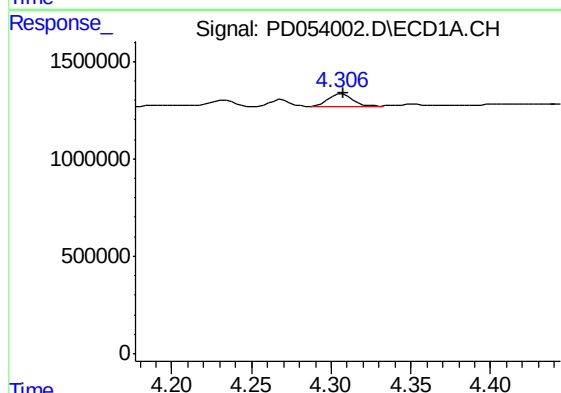
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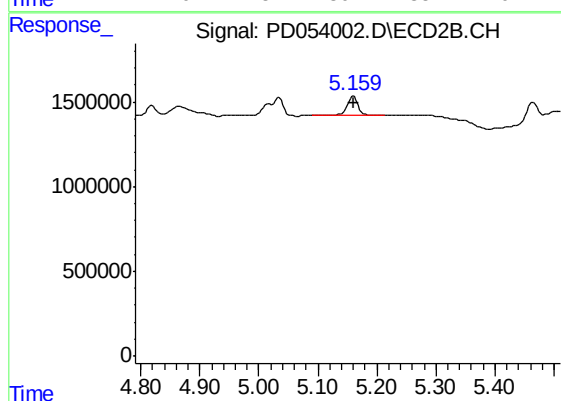
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1198829
Conc: 0.98 ng/ml



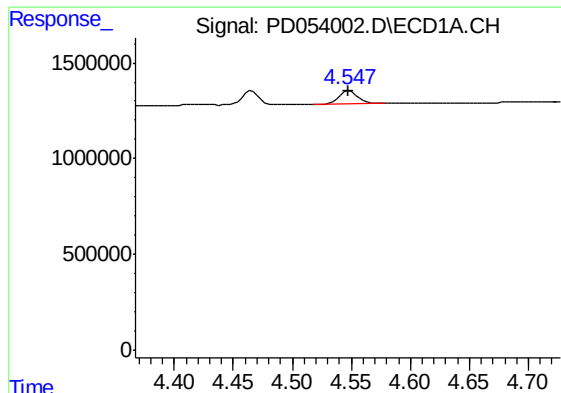
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 647412
Conc: 0.89 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 1543141
Conc: 1.23 ng/ml



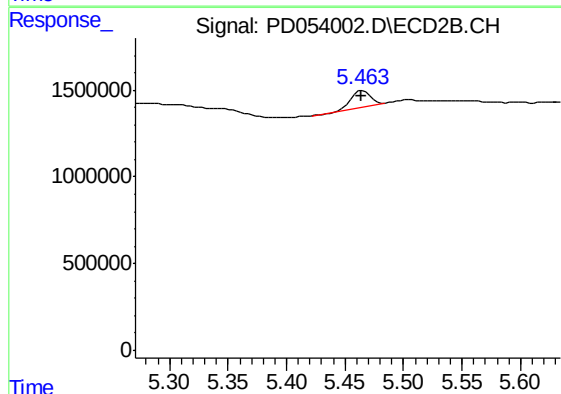
#5 Aldrin

R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 832135
Conc: 1.05 ng/ml m

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

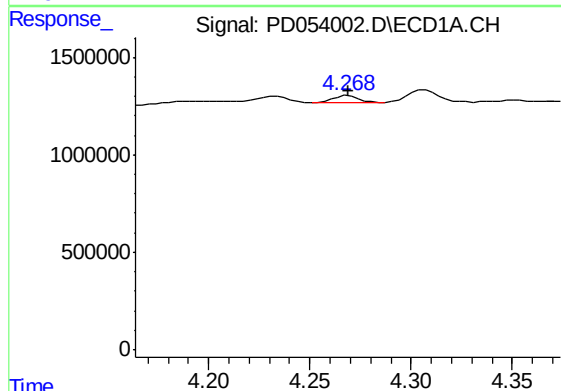
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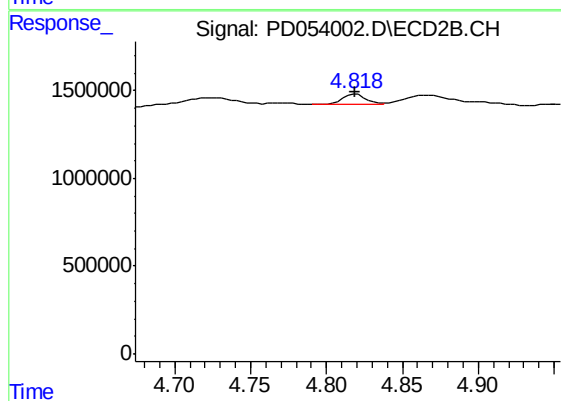
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 989039
Conc: 0.80 ng/ml



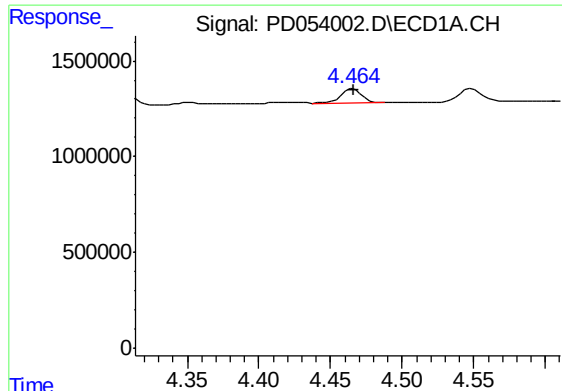
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: -0.001 min
Response: 320810
Conc: 0.91 ng/ml m



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 623808
Conc: 1.11 ng/ml



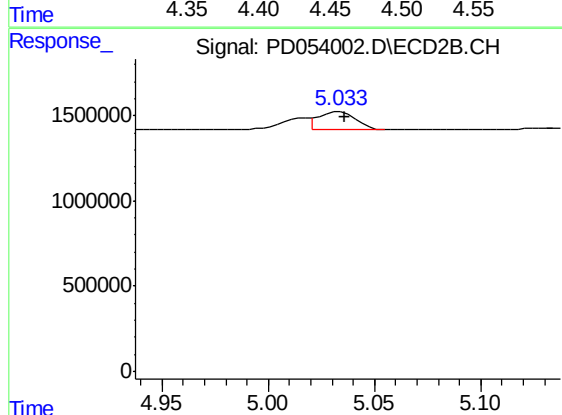
#7 delta-BHC

R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 729199
Conc: 0.87 ng/ml m

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

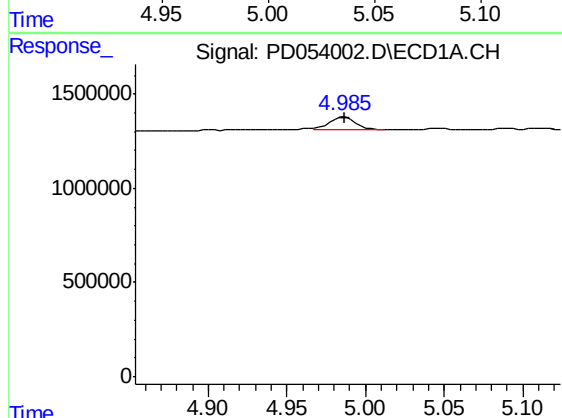
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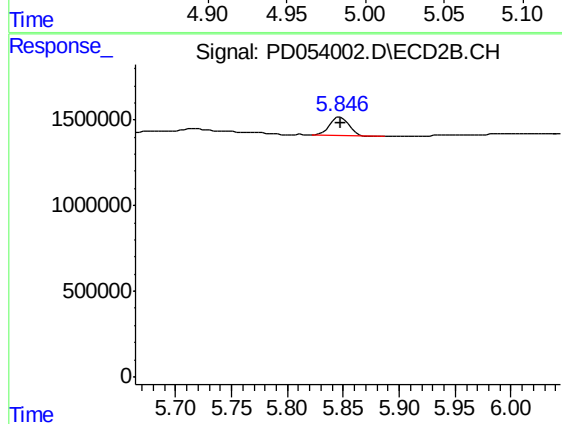
#7 delta-BHC

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 1266767
Conc: 0.98 ng/ml m



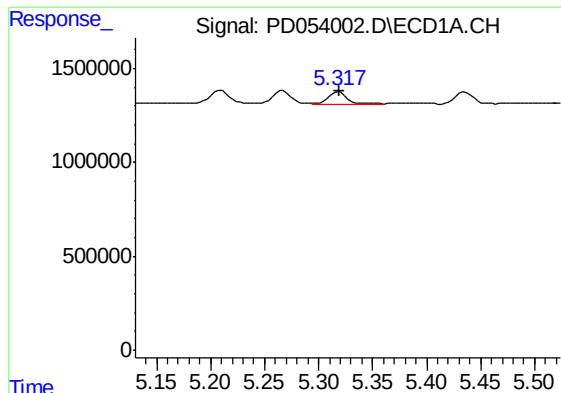
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: -0.001 min
Response: 810993
Conc: 1.07 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 1320207
Conc: 1.09 ng/ml



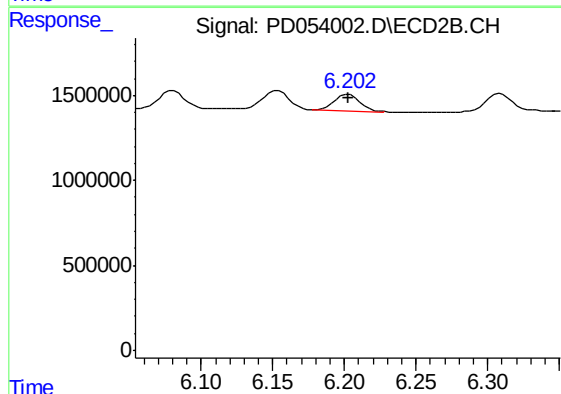
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 815654
Conc: 1.10 ng/ml

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

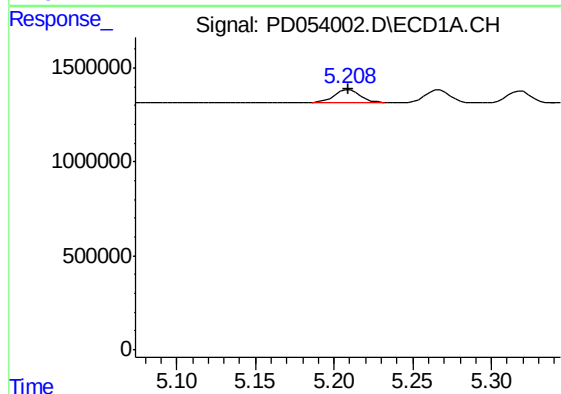
Manual Integrations
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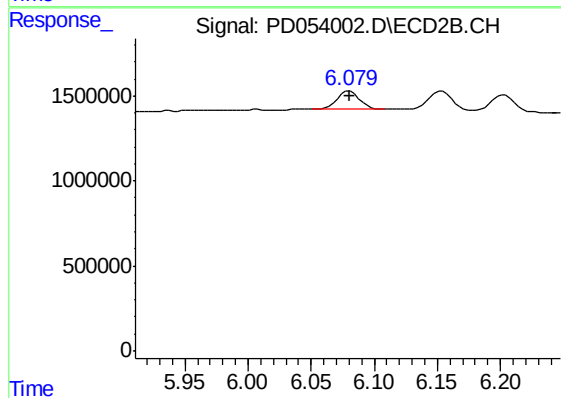
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 1177219
Conc: 1.01 ng/ml m



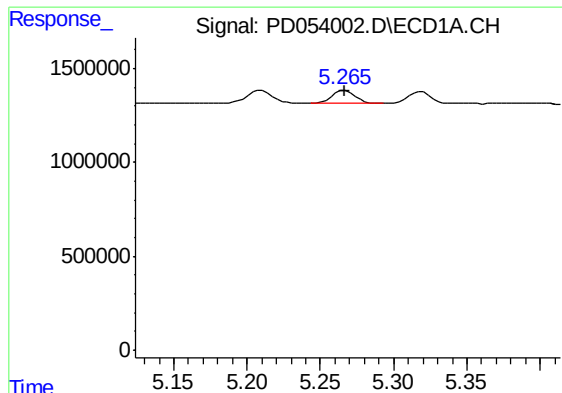
#10 gamma-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 789387
Conc: 0.97 ng/ml m



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 1301971
Conc: 0.99 ng/ml m



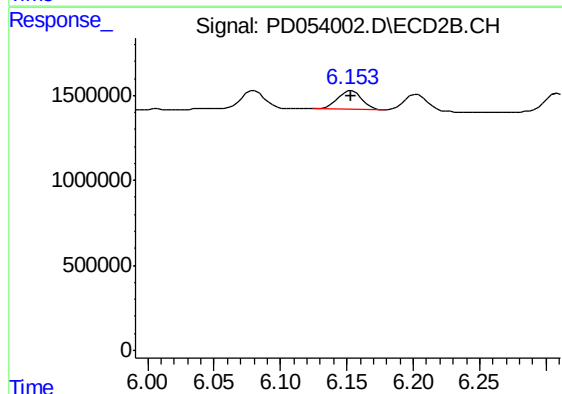
#11 alpha-Chlordane

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 789910
Conc: 0.98 ng/ml m

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

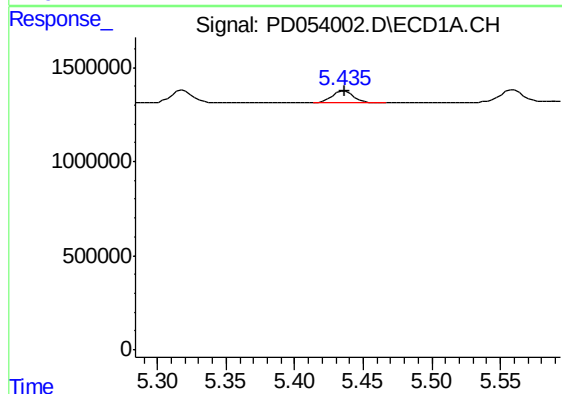
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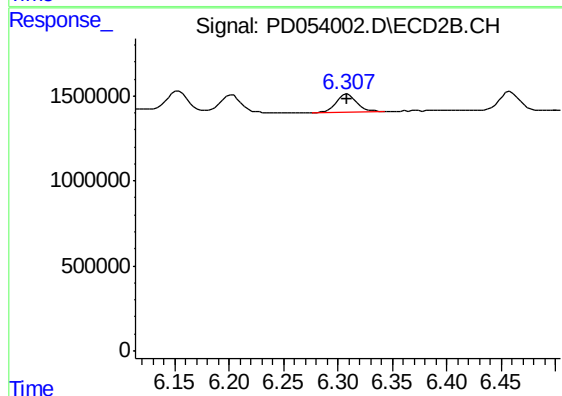
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 1410122
Conc: 1.09 ng/ml m



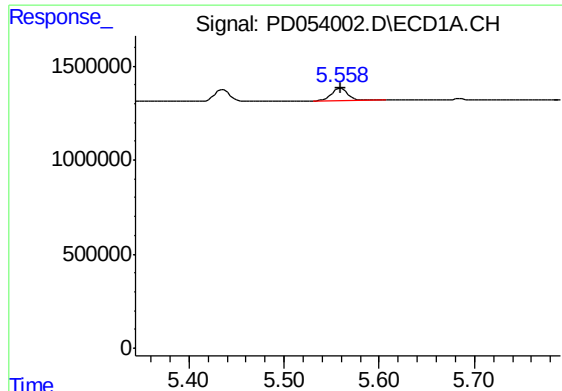
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 729180
Conc: 0.92 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1330213
Conc: 1.08 ng/ml



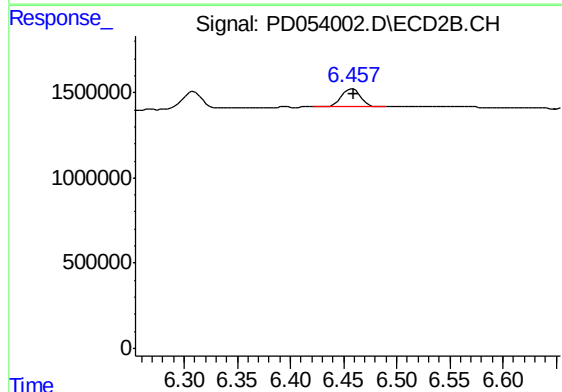
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 808884
Conc: 1.00 ng/ml

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

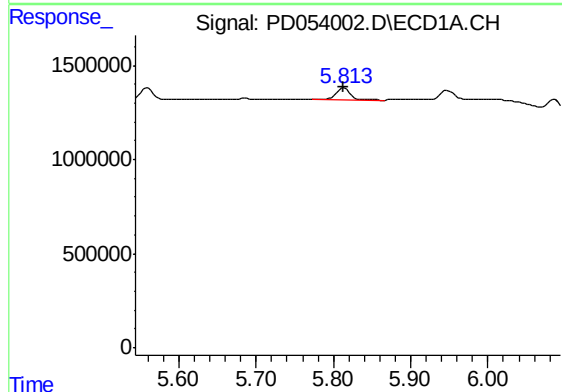
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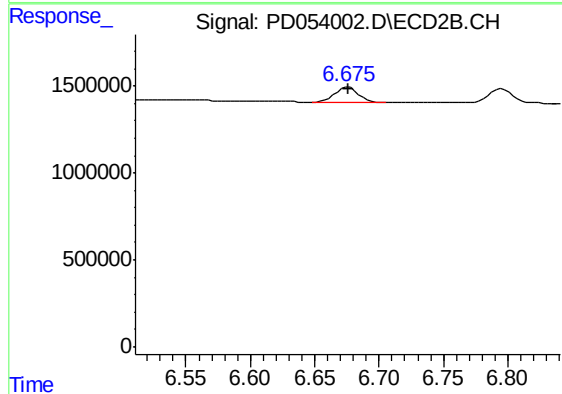
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 1345711
Conc: 1.07 ng/ml



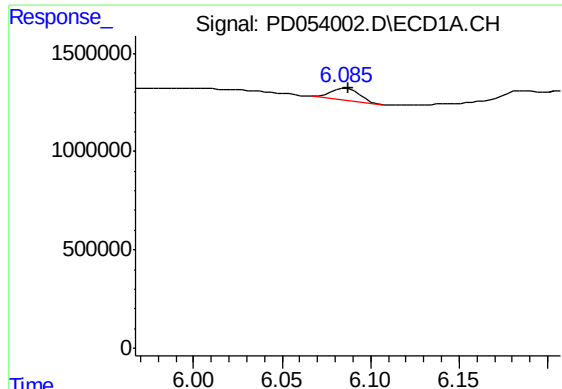
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 818135
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 1120350
Conc: 1.07 ng/ml m



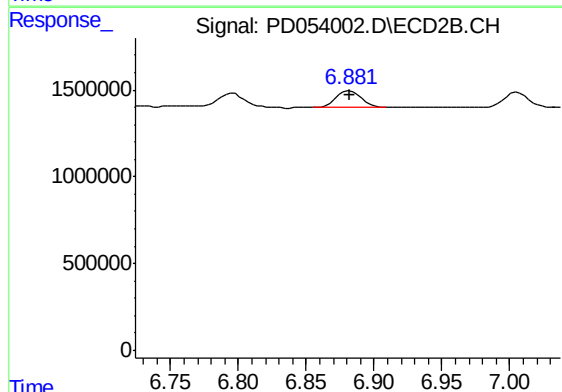
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 683233
Conc: 0.91 ng/ml m

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

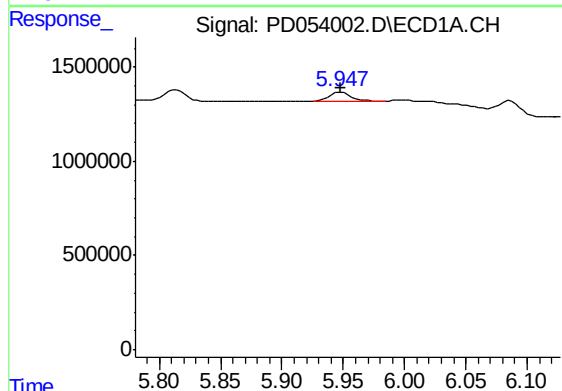
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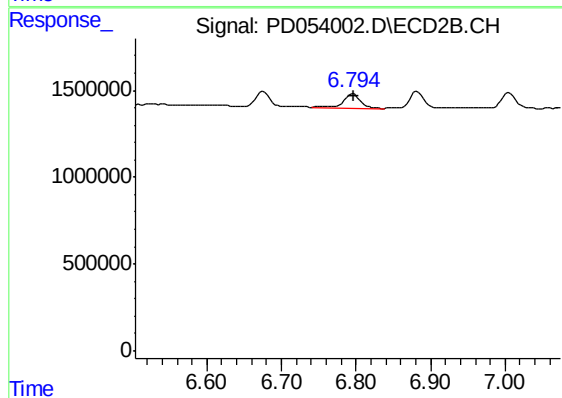
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: -0.002 min
Response: 1223385
Conc: 1.06 ng/ml m



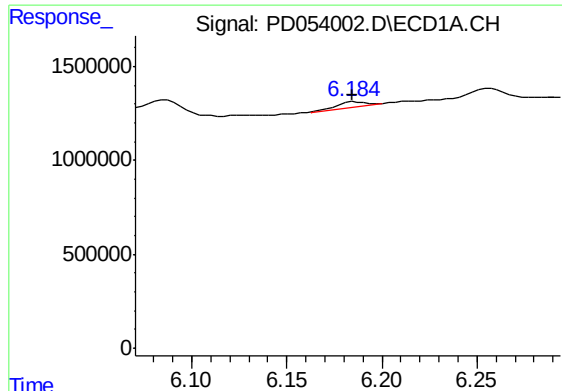
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 583818
Conc: 0.98 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 1208590
Conc: 1.20 ng/ml



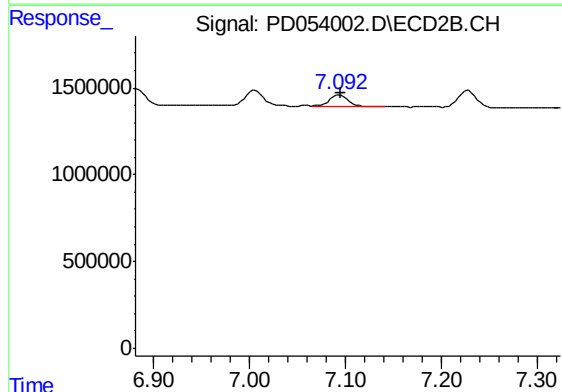
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 286937
Conc: 0.50 ng/ml

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

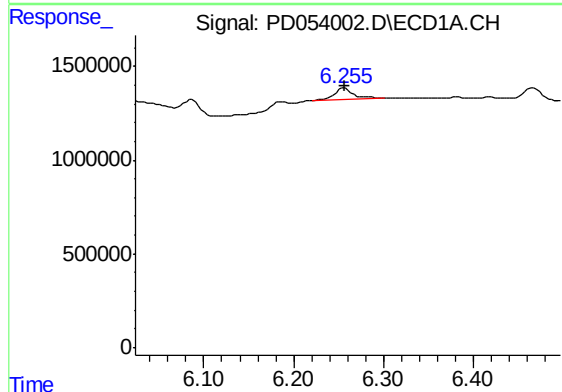
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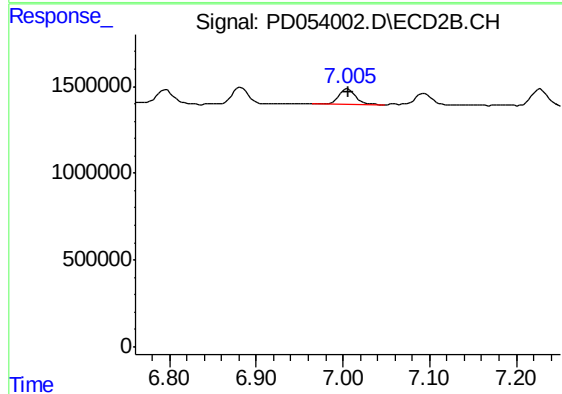
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 871392
Conc: 0.88 ng/ml



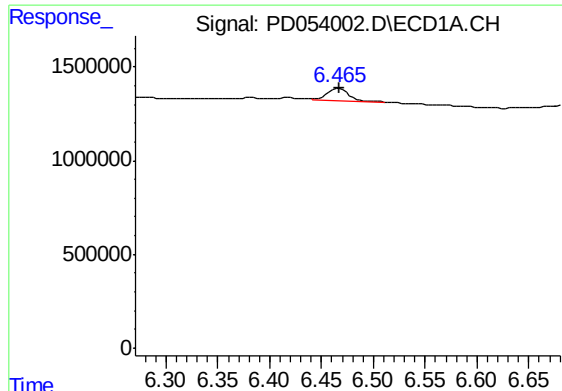
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 891798
Conc: 1.40 ng/ml



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 1178812
Conc: 1.19 ng/ml



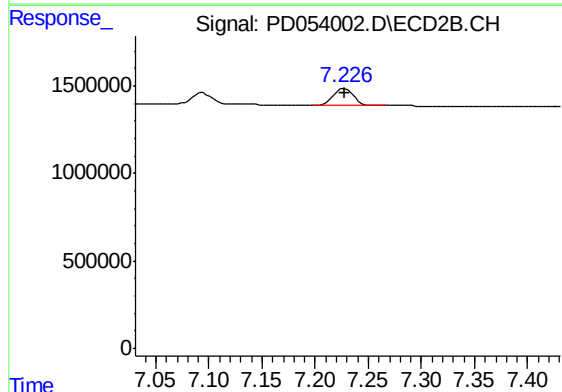
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 910845
Conc: 1.30 ng/ml

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

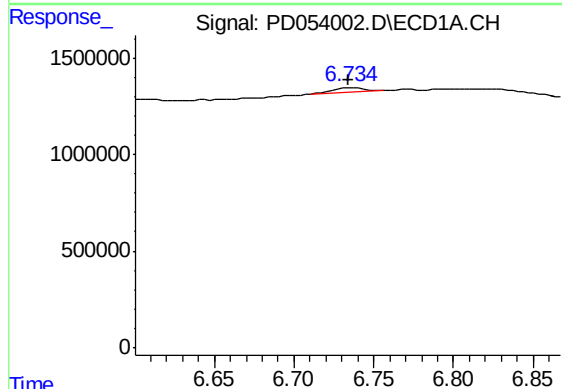
Manual Integrations
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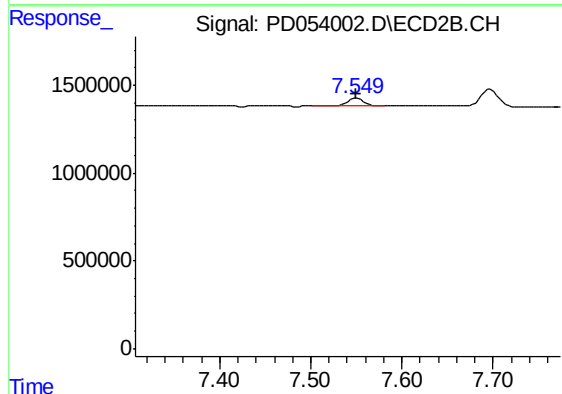
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 1253155
Conc: 1.15 ng/ml



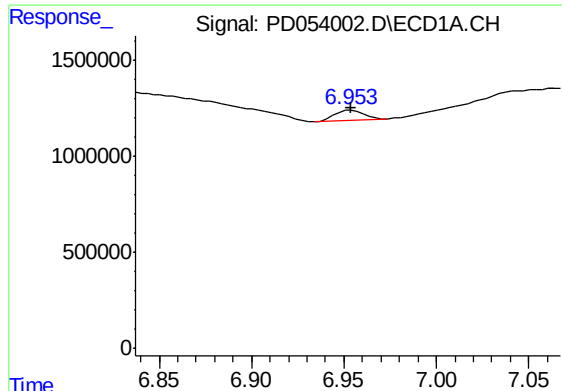
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 323001
Conc: 1.13 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 556948
Conc: 1.04 ng/ml



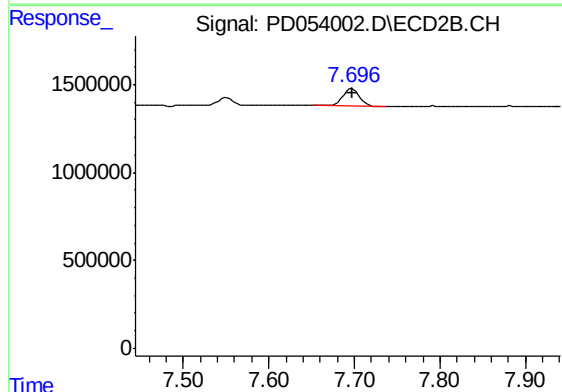
#21 Endrin ketone

R.T.: 6.953 min
Delta R.T.: -0.001 min
Response: 613196
Conc: 0.77 ng/ml m

Instrument :
ECD_D
ClientSampleId :
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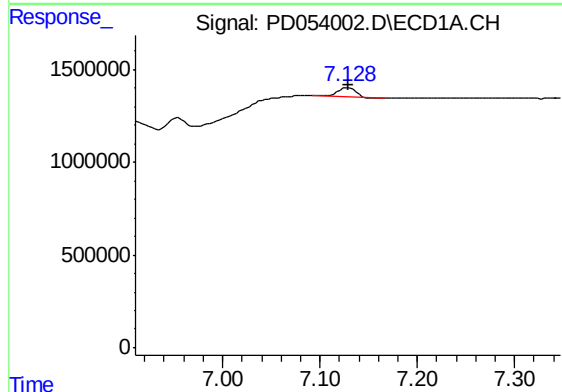
Manual Integrations
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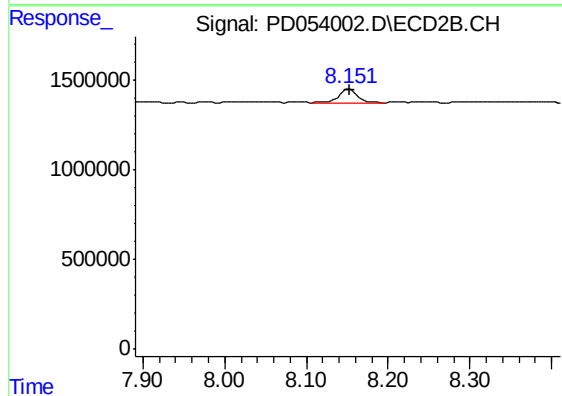
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 1332549
Conc: 1.10 ng/ml



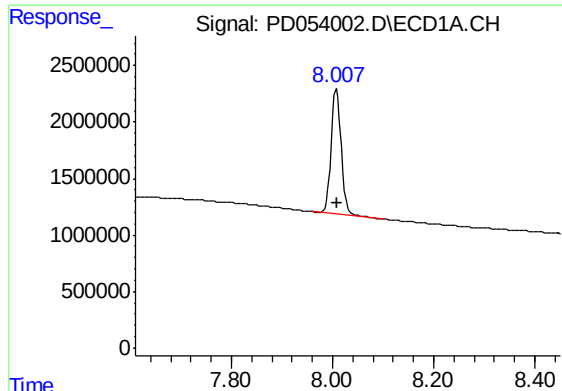
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 682489
Conc: 1.05 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 1164315
Conc: 1.26 ng/ml



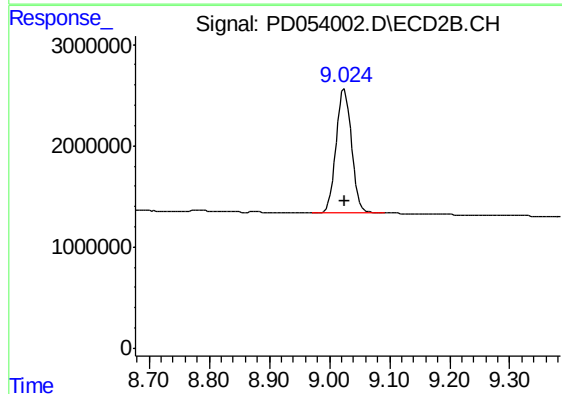
#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 15500181
Conc: 23.03 ng/ml

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

Manual Integrations
APPROVED

Ankita
7/19/2019 12:03:49 PM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 22185832
Conc: 23.93 ng/ml