

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054003.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 22:20
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 2.5 PPB
 ALS Vial : 43 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 05:55:53 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	11481974	17842970	19.950	20.483
28)	SA Decachlor...	8.009	9.025	14482826	20750130	21.514	22.383
Target Compounds							
2)	A alpha-BHC	3.742	4.369	1964966	2980450	2.269	2.363
3)	MA gamma-BHC...	4.019	4.652	1992767	2933026	2.429	2.391
4)	MA Heptachlor	4.308	5.160	1607269	3305924	2.206	2.639
5)	MB Aldrin	4.548	5.464	1888559	2880667	2.376	2.343
6)	B beta-BHC	4.268	4.819	789365	1496165	2.241m	2.672
7)	B delta-BHC	4.465	5.033	1658766	2844119	1.978m	2.197m
8)	B Heptachlor...	4.987	5.847	1866783	3340490	2.461	2.762
9)	A Endosulfan I	5.319	6.202	1740795	3286133	2.343	2.830
10)	B gamma-Chl...	5.209	6.078	1933361	3329887	2.377	2.528m
11)	B alpha-Chl...	5.267	6.151	1915772	3385355	2.365	2.607m
12)	B 4,4'-DDE	5.436	6.308	1826744	3136179	2.305	2.552
13)	MA Dieldrin	5.560	6.458	1823728	3317386	2.246	2.640
14)	MA Endrin	5.814	6.675	1784917	2762026	2.383	2.635
15)	B Endosulfa...	6.085	6.882	1739477	3304257	2.325m	2.858
16)	A 4,4'-DDD	5.947	6.795	1374929	2604132	2.297	2.578
17)	MA 4,4'-DDT	6.185	7.093	991943	2330730	1.722	2.366 #
18)	B Endrin al...	6.256	7.005	1633405	2859534	2.572	2.875
19)	B Endosulfa...	6.467	7.227	1807715	3175423	2.572	2.922
20)	A Methoxychlor	6.735	7.549	745516	1440360	2.609	2.684
21)	B Endrin ke...	6.954	7.696	1667450	3535777	2.081	2.908 #
22)	Mirex	7.130	8.152	1620577	2723476	2.491	2.955

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054003.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 22:20
Operator : SM\AJ
Sample : K3591-01
Misc : LOD 2.5 PPB
ALS Vial : 43 Sample Multiplier: 1

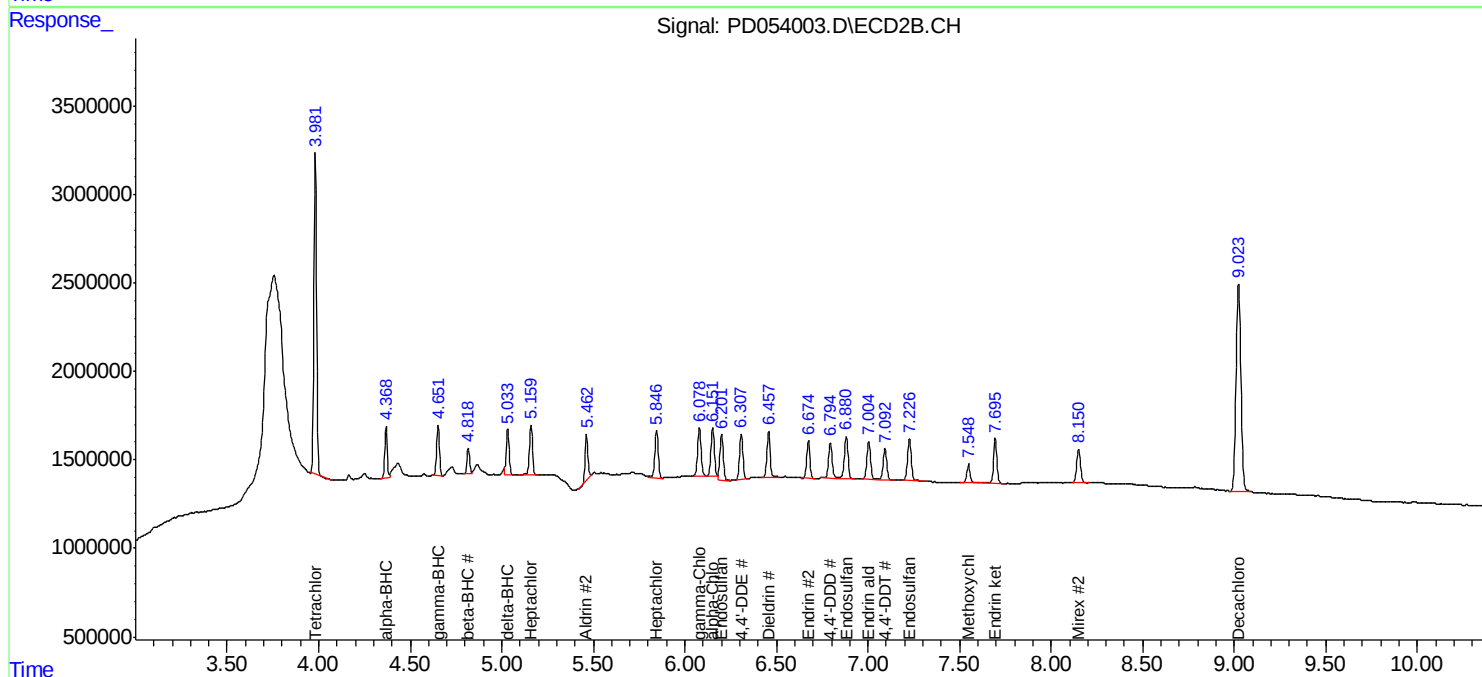
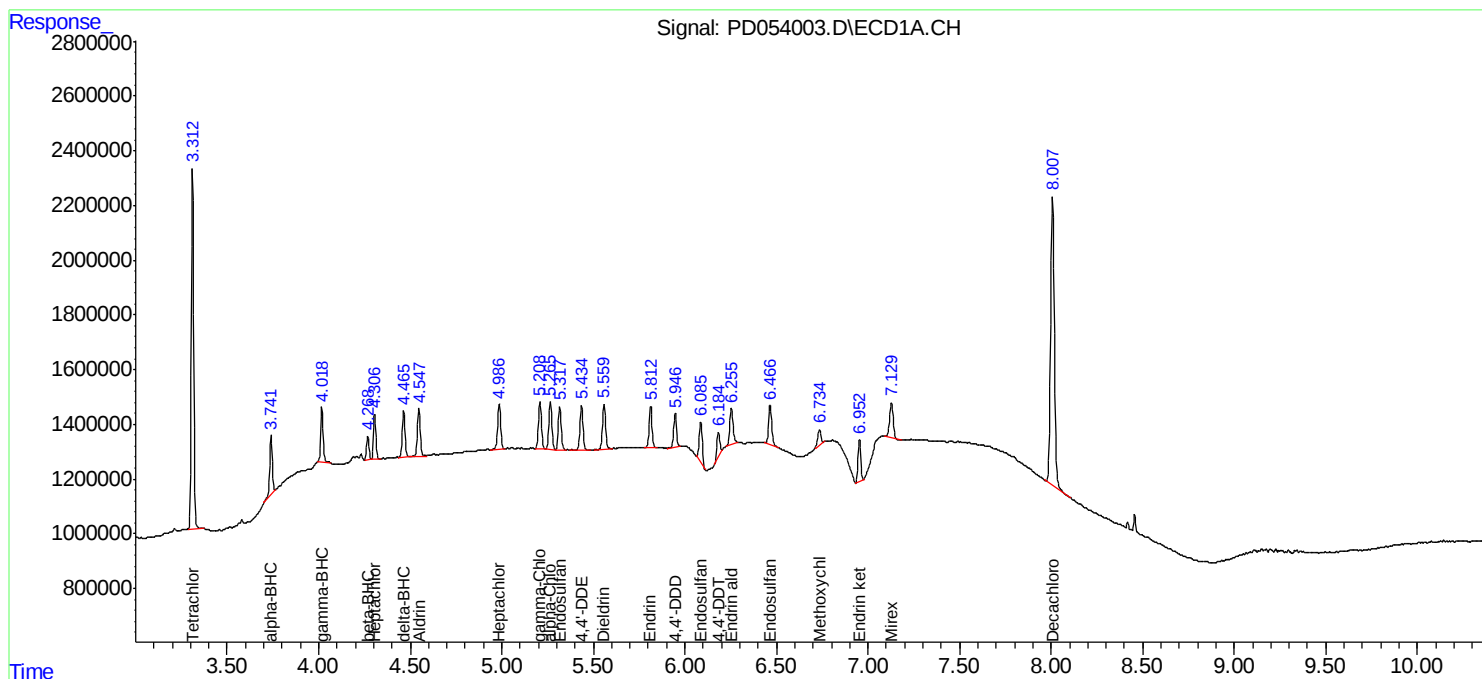
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

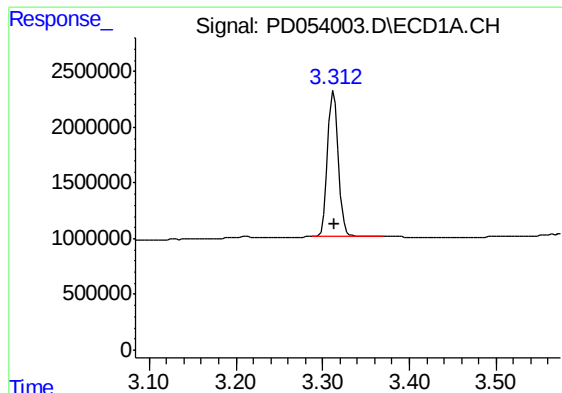
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:55:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response 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





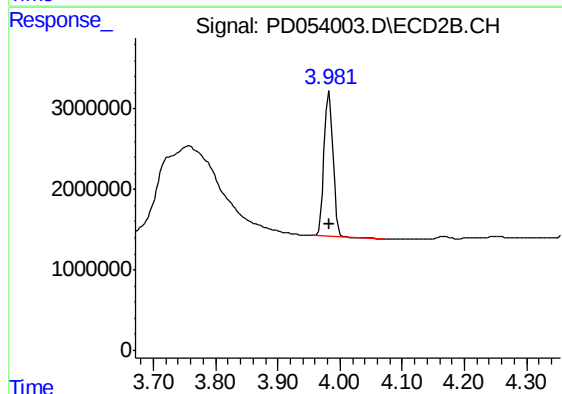
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 11481974
Conc: 19.95 ng/ml

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

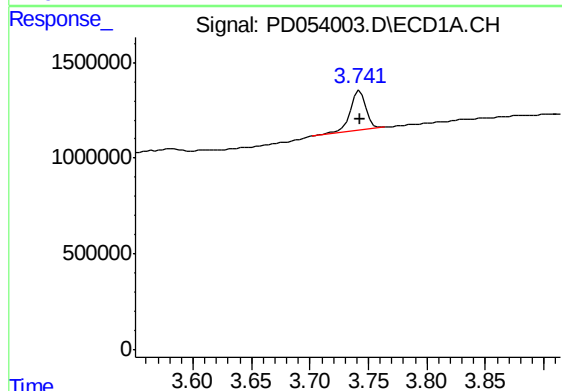
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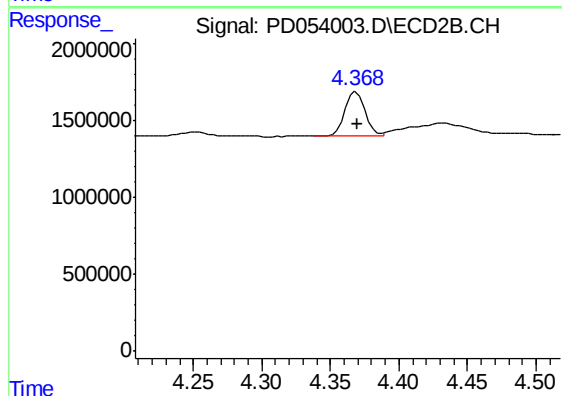
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 17842970
Conc: 20.48 ng/ml



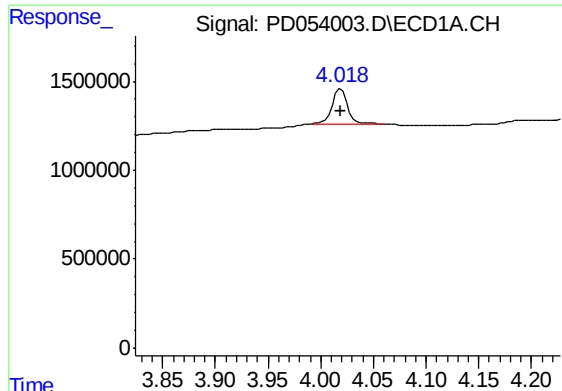
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 1964966
Conc: 2.27 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 2980450
Conc: 2.36 ng/ml



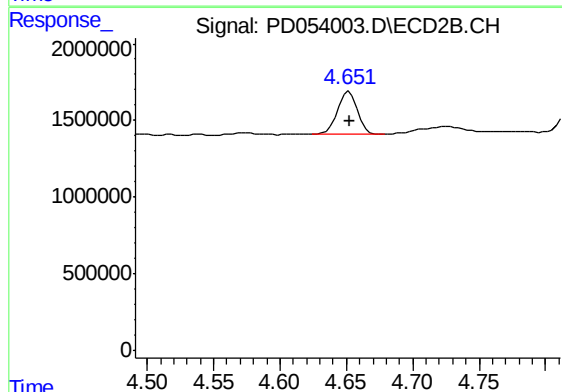
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 1992767
Conc: 2.43 ng/ml

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

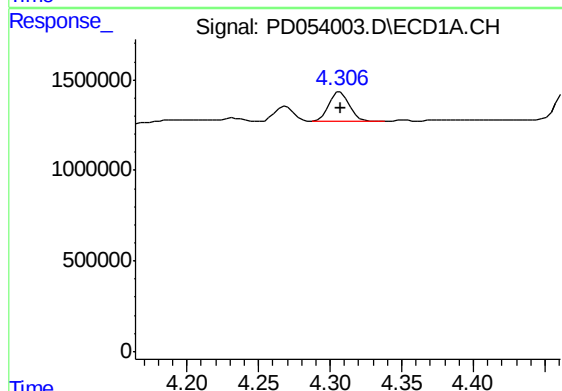
Manual Integrations
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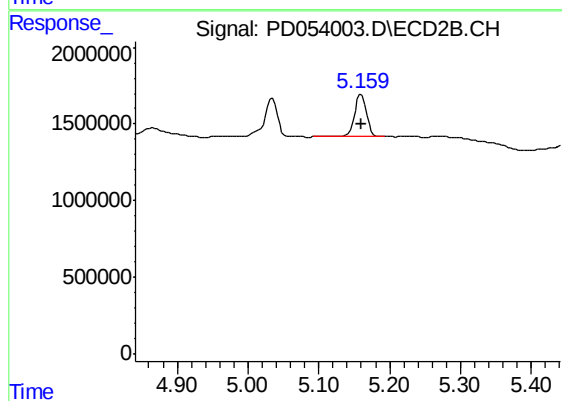
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 2933026
Conc: 2.39 ng/ml



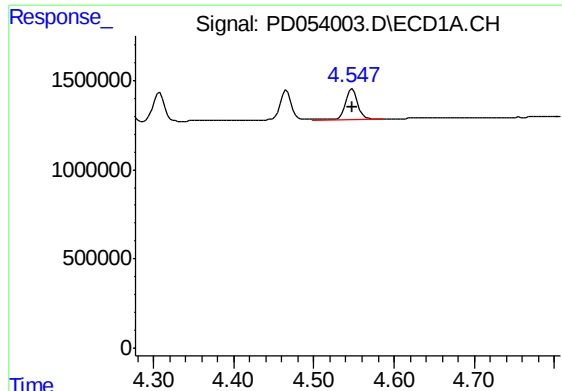
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 1607269
Conc: 2.21 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 3305924
Conc: 2.64 ng/ml



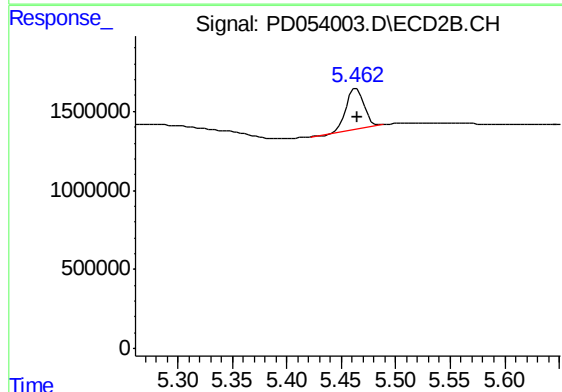
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 1888559
Conc: 2.38 ng/ml

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

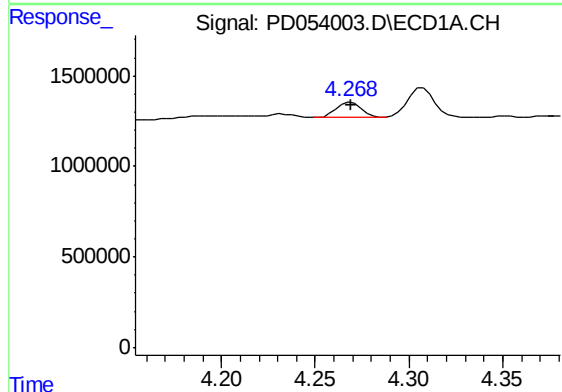
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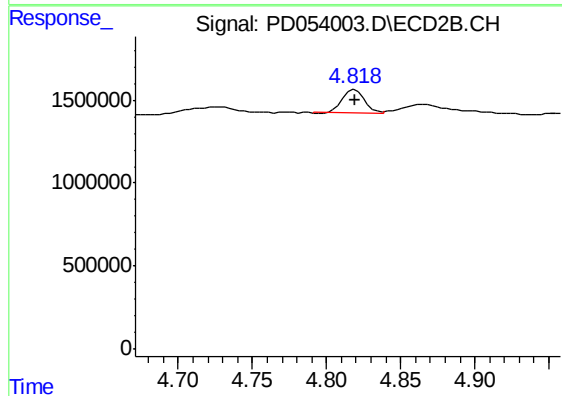
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 2880667
Conc: 2.34 ng/ml



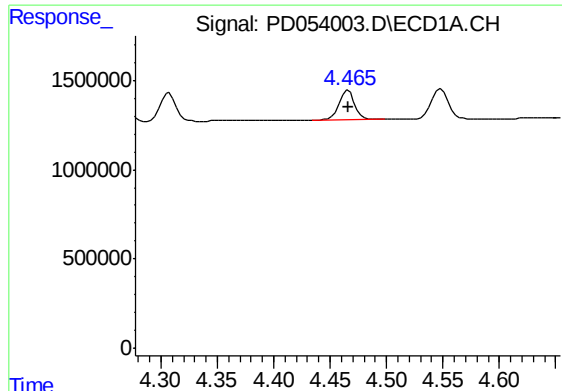
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: -0.001 min
Response: 789365
Conc: 2.24 ng/ml m



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 1496165
Conc: 2.67 ng/ml



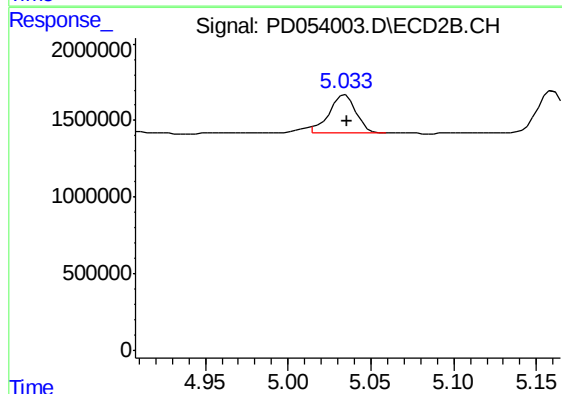
#7 delta-BHC

R.T.: 4.465 min
Delta R.T.: -0.002 min
Response: 1658766
Conc: 1.98 ng/ml m

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

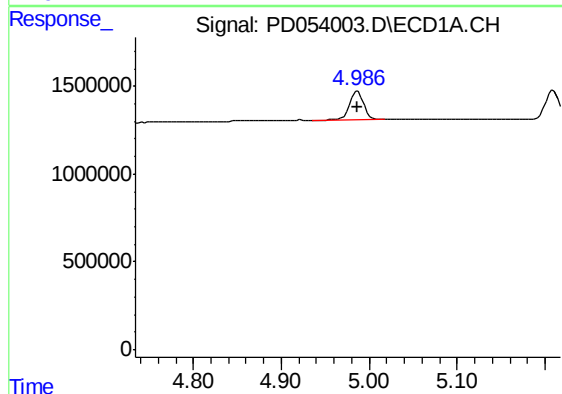
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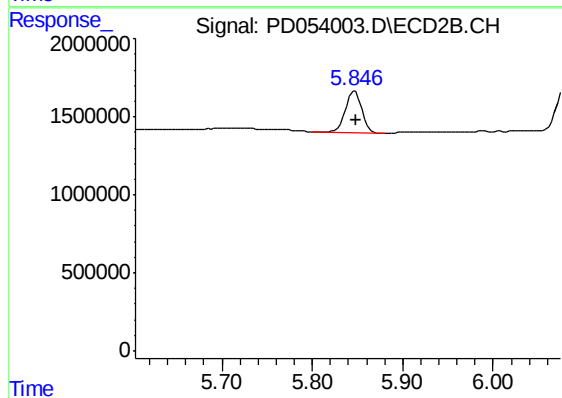
#7 delta-BHC

R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 2844119
Conc: 2.20 ng/ml m



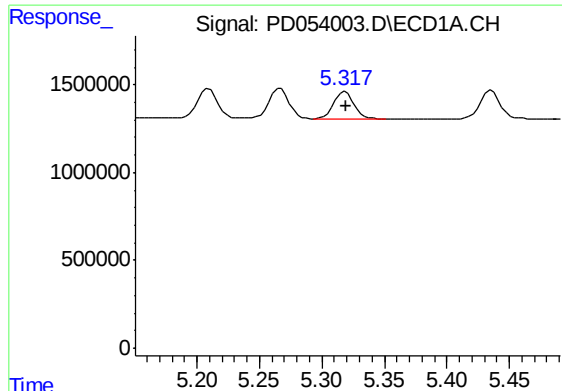
#8 Heptachlor epoxide

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 1866783
Conc: 2.46 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 3340490
Conc: 2.76 ng/ml



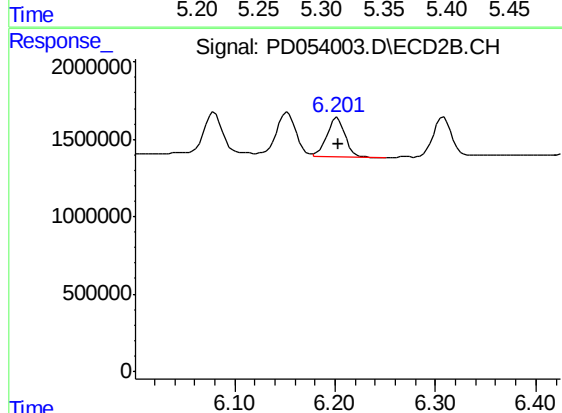
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 1740795
Conc: 2.34 ng/ml

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

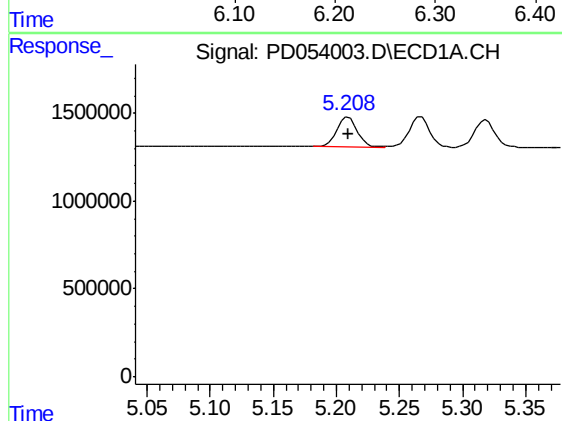
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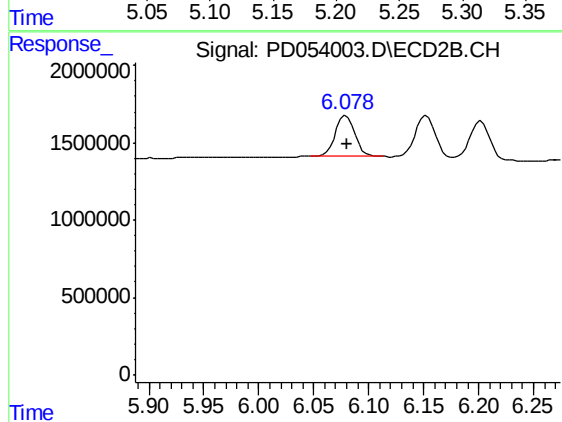
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 3286133
Conc: 2.83 ng/ml



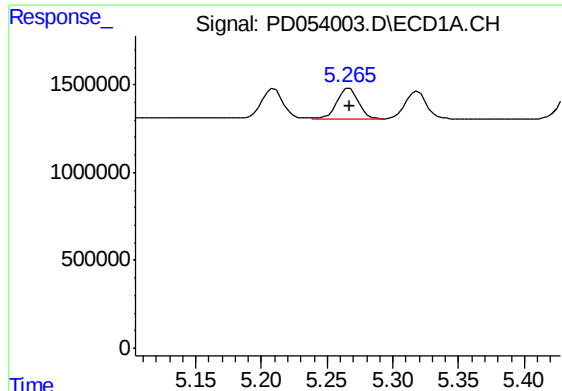
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 1933361
Conc: 2.38 ng/ml



#10 gamma-Chlordane

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 3329887
Conc: 2.53 ng/ml m



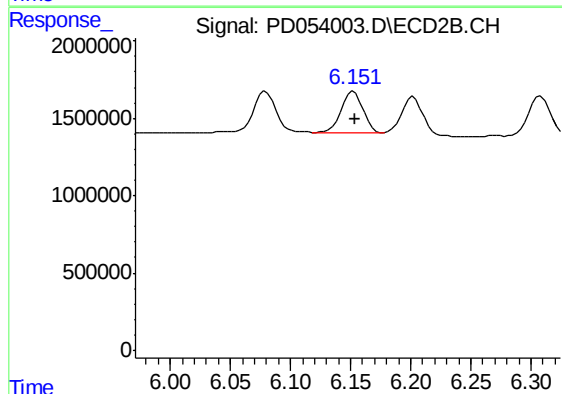
#11 alpha-Chlordane

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 1915772
Conc: 2.36 ng/ml

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

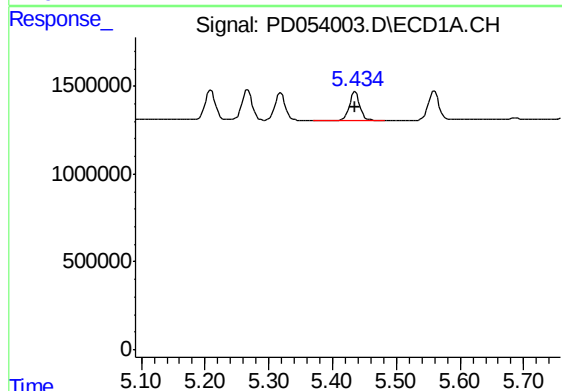
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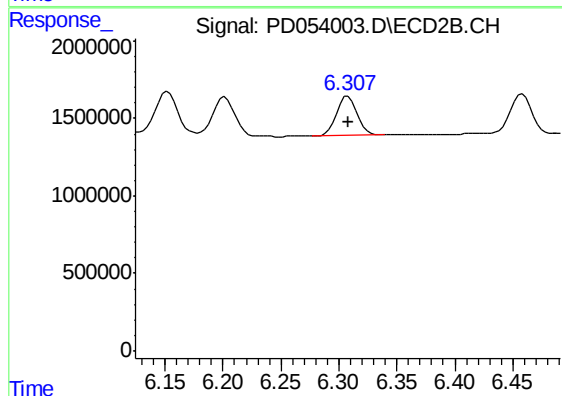
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 3385355
Conc: 2.61 ng/ml m



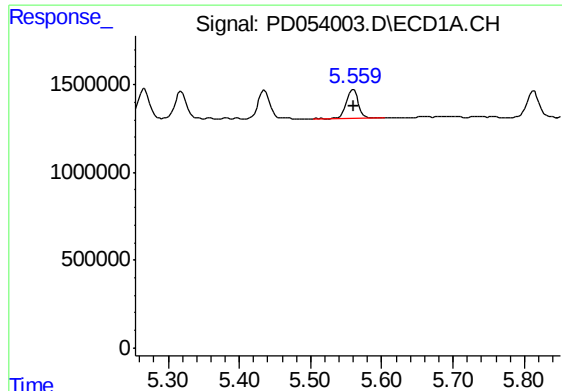
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 1826744
Conc: 2.31 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3136179
Conc: 2.55 ng/ml



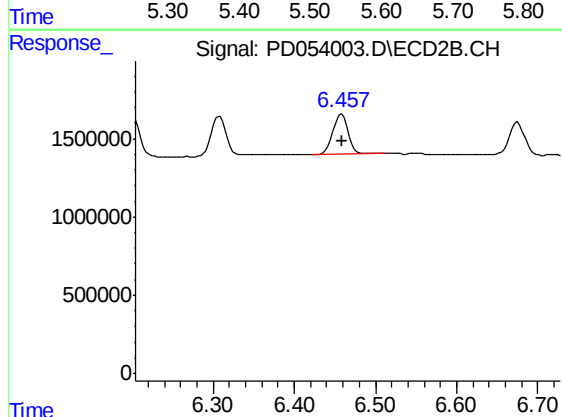
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 1823728
Conc: 2.25 ng/ml

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

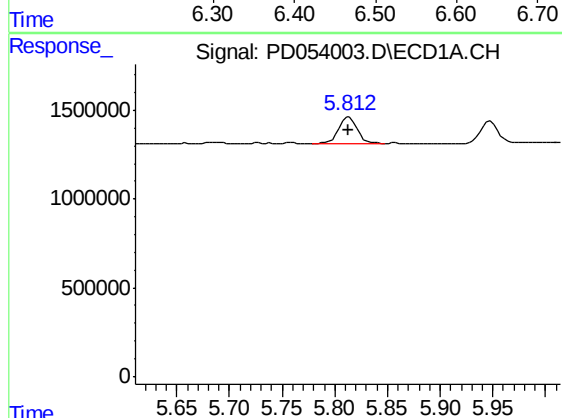
Manual Integrations
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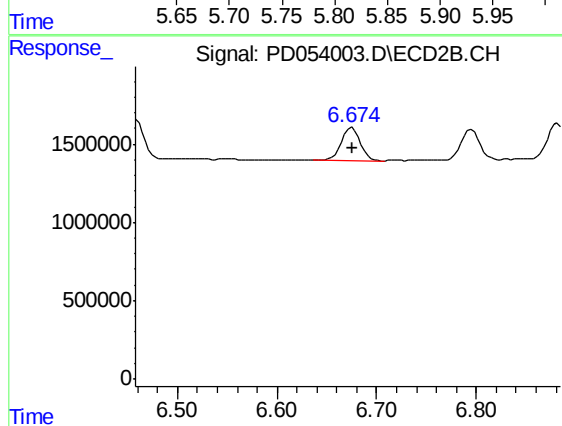
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 3317386
Conc: 2.64 ng/ml



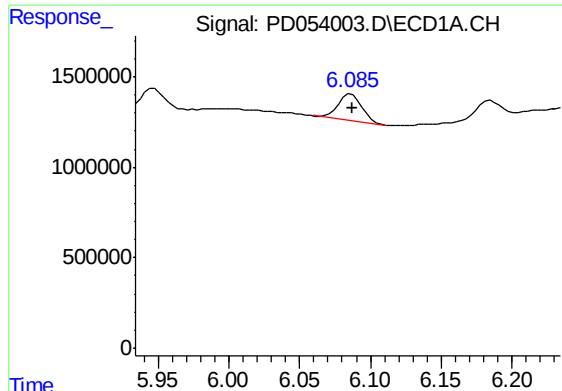
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1784917
Conc: 2.38 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2762026
Conc: 2.64 ng/ml



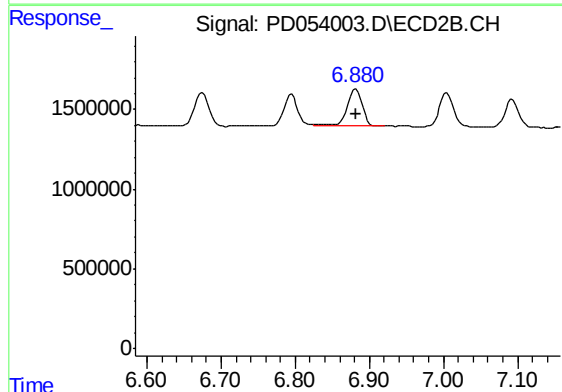
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 1739477
Conc: 2.32 ng/ml m

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

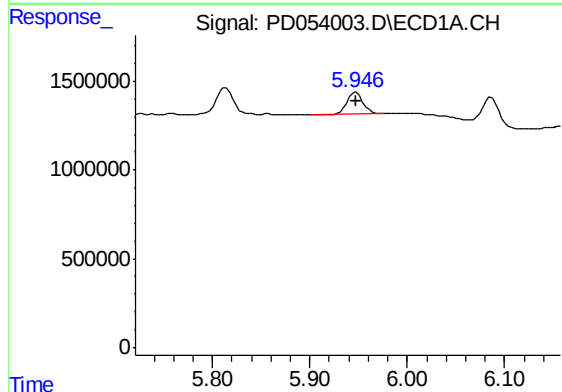
Manual Integrations
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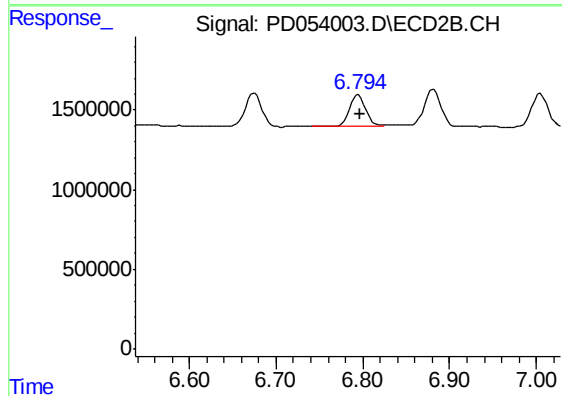
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 3304257
Conc: 2.86 ng/ml



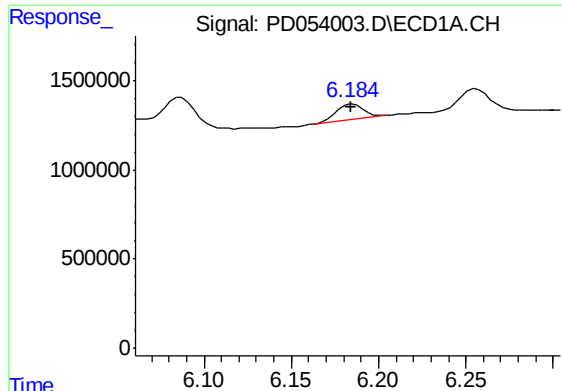
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1374929
Conc: 2.30 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 2604132
Conc: 2.58 ng/ml



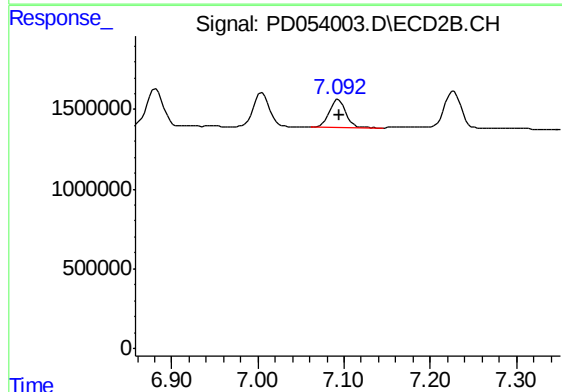
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 991943
Conc: 1.72 ng/ml

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

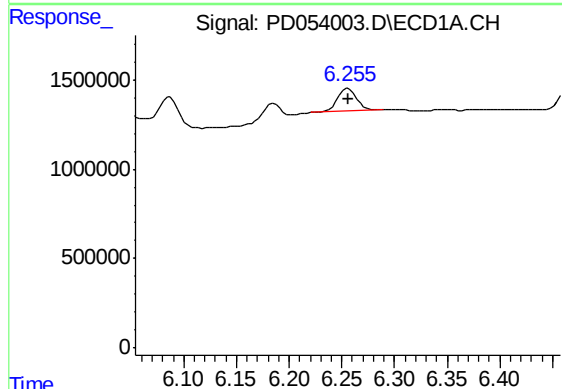
Manual Integrations
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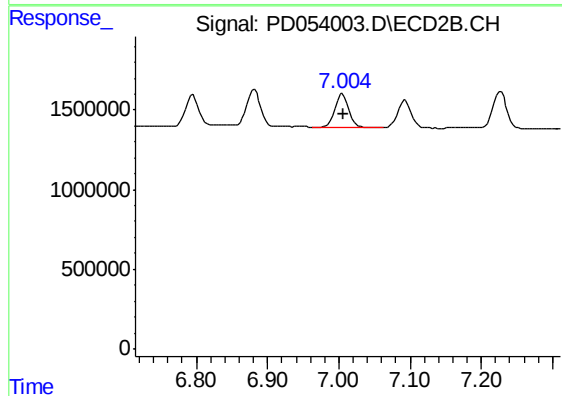
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 2330730
Conc: 2.37 ng/ml



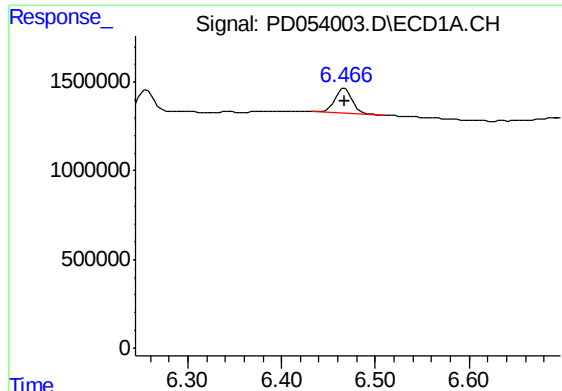
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1633405
Conc: 2.57 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 2859534
Conc: 2.88 ng/ml



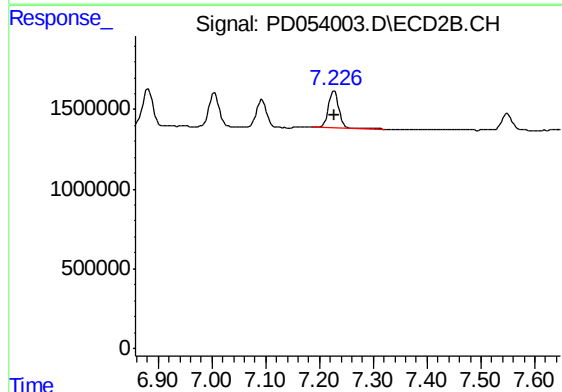
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 1807715
Conc: 2.57 ng/ml

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

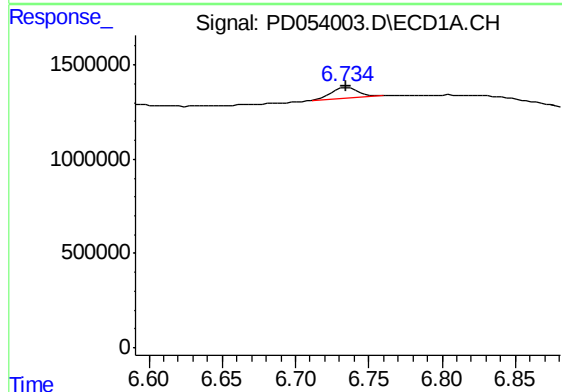
Manual Integrations
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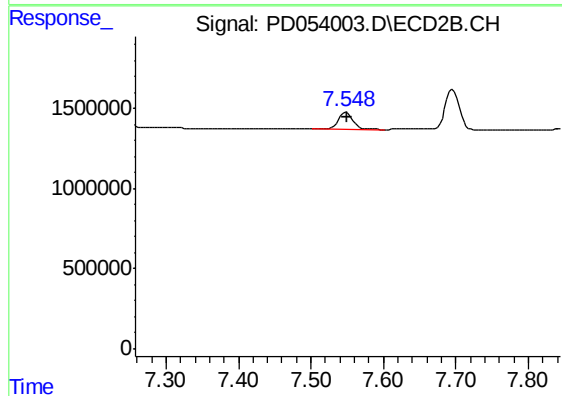
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 3175423
Conc: 2.92 ng/ml



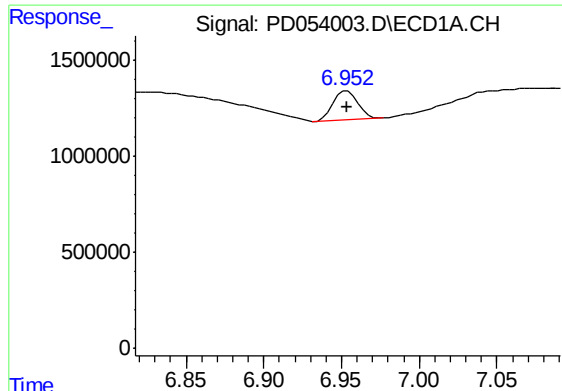
#20 Methoxychlor

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 745516
Conc: 2.61 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 1440360
Conc: 2.68 ng/ml



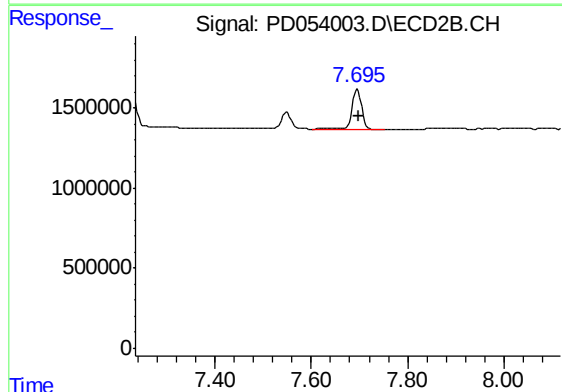
#21 Endrin ketone

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 1667450
Conc: 2.08 ng/ml

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

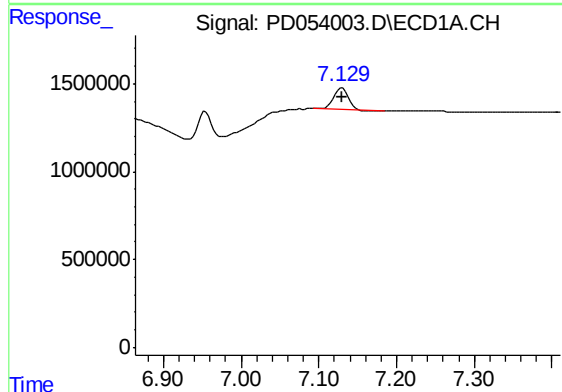
Manual Integrations
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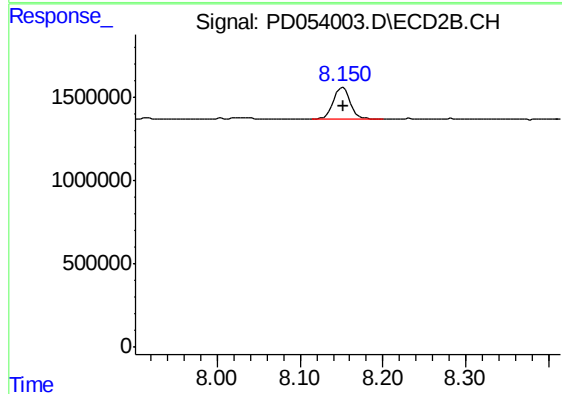
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: -0.002 min
Response: 3535777
Conc: 2.91 ng/ml



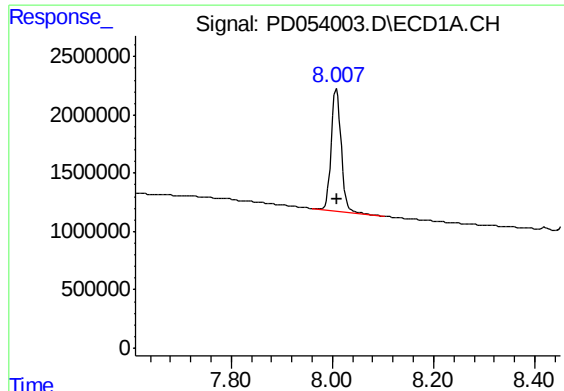
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 1620577
Conc: 2.49 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2723476
Conc: 2.95 ng/ml



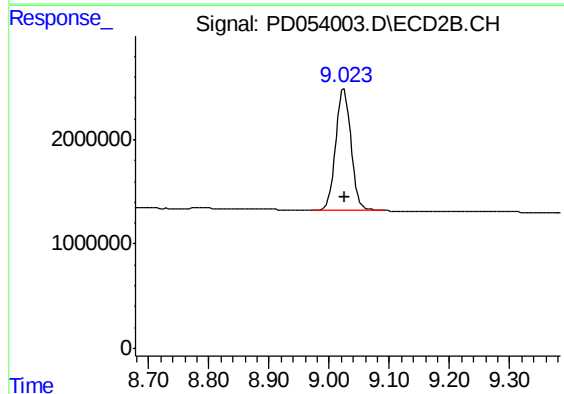
#28 Decachlorobiphenyl

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 14482826
Conc: 21.51 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 20750130
Conc: 22.38 ng/ml