

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
 Data File : PD052954.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2019 14:40
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 2.5 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 02:18:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 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...	3.219	4.042	27719758	570.4E6	19.865	19.679
28)	SA Decachlor...	7.815	9.161	29745360	369.8E6	22.319	23.777
Target Compounds							
2)	A alpha-BHC	3.638	4.434	4872294	116.2E6	2.143	2.582
3)	MA gamma-BHC...	3.906	4.722	5880878	110.1E6	2.690m	2.738
4)	MA Heptachlor	4.183	5.234	5221759	113.8E6	2.459	2.869
5)	MB Aldrin	4.414	5.542	5065440	105.5E6	2.516	2.850
6)	B beta-BHC	4.153	4.893	2433391	59211531	2.757	3.272
7)	B delta-BHC	4.341	5.110	4132258	68381203	2.026	2.078m
8)	B Heptachlor...	4.841	5.929	4969683	92814279	2.615	2.875
9)	A Endosulfan I	5.163	6.289	4519115	87065917	2.529	2.980
10)	B gamma-Chl...	5.059	6.165	4955790	99313816	2.542	3.104
11)	B alpha-Chl...	5.115	6.238	5001430	94802572	2.591	3.020
12)	B 4,4'-DDE	5.284	6.395	4261139	86564984	2.285	2.836
13)	MA Dieldrin	5.398	6.547	4669987	85466941	2.415	2.857
14)	MA Endrin	5.645	6.767	4088684	69874043	2.221	2.788 #
15)	B Endosulfa...	5.915	6.977	4109284	72805729	2.394	2.922
16)	A 4,4'-DDD	5.786	6.888	3774515	72324480	2.470	3.024
17)	MA 4,4'-DDT	6.016	7.188	1974883	30055989	1.373m	1.613m
18)	B Endrin al...	6.081	7.102	3771949	63490684	2.631m	3.084
19)	B Endosulfa...	6.289	7.326	4409086	68359795	2.875m	3.107
20)	A Methoxychlor	6.562	7.649	1782146	23491485	2.109	2.348
21)	B Endrin ke...	6.765	7.801	4651427	59422387	2.557	2.900
22)	Mirex	6.933	8.259	3075556	45654132	2.511	3.540 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
Data File : PD052954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Apr 2019 14:40
Operator : AJ\SJ
Sample : K2241-01
Misc : LOD 2.5 PPB
ALS Vial : 18 Sample Multiplier: 1

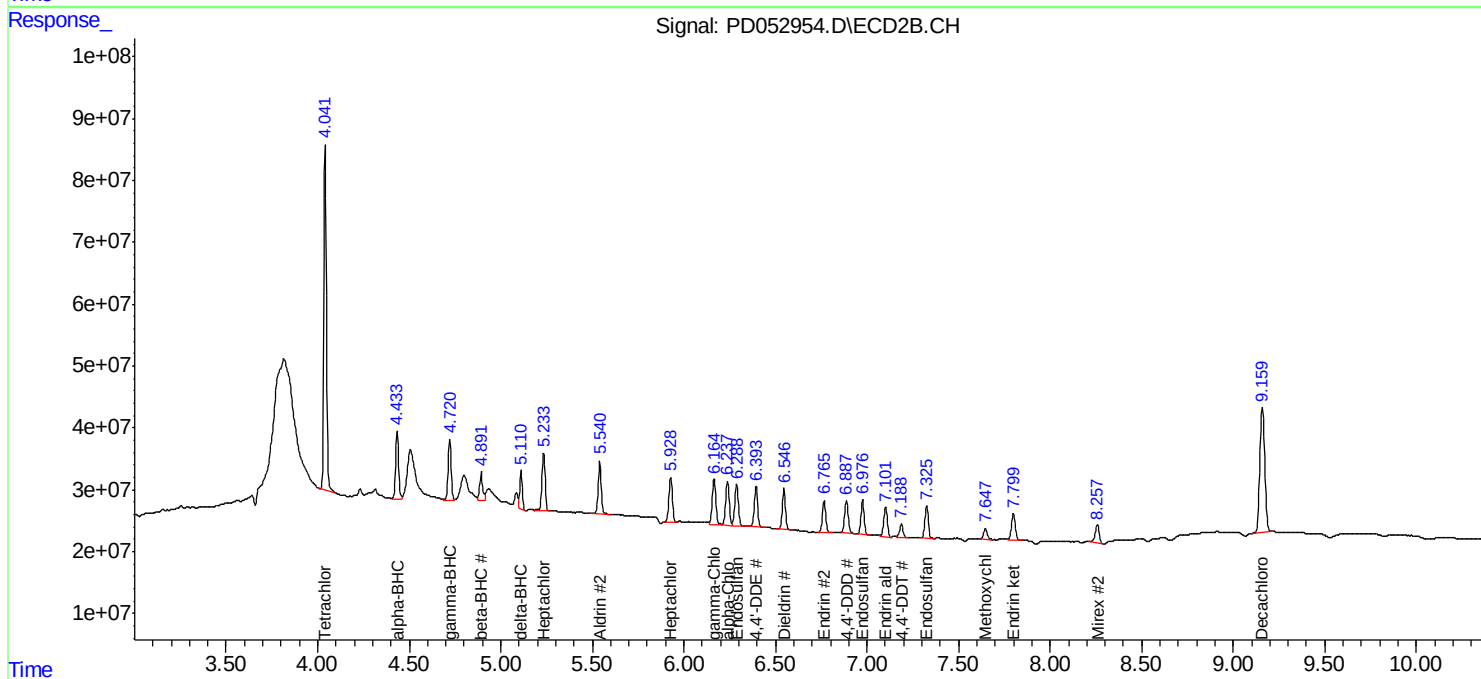
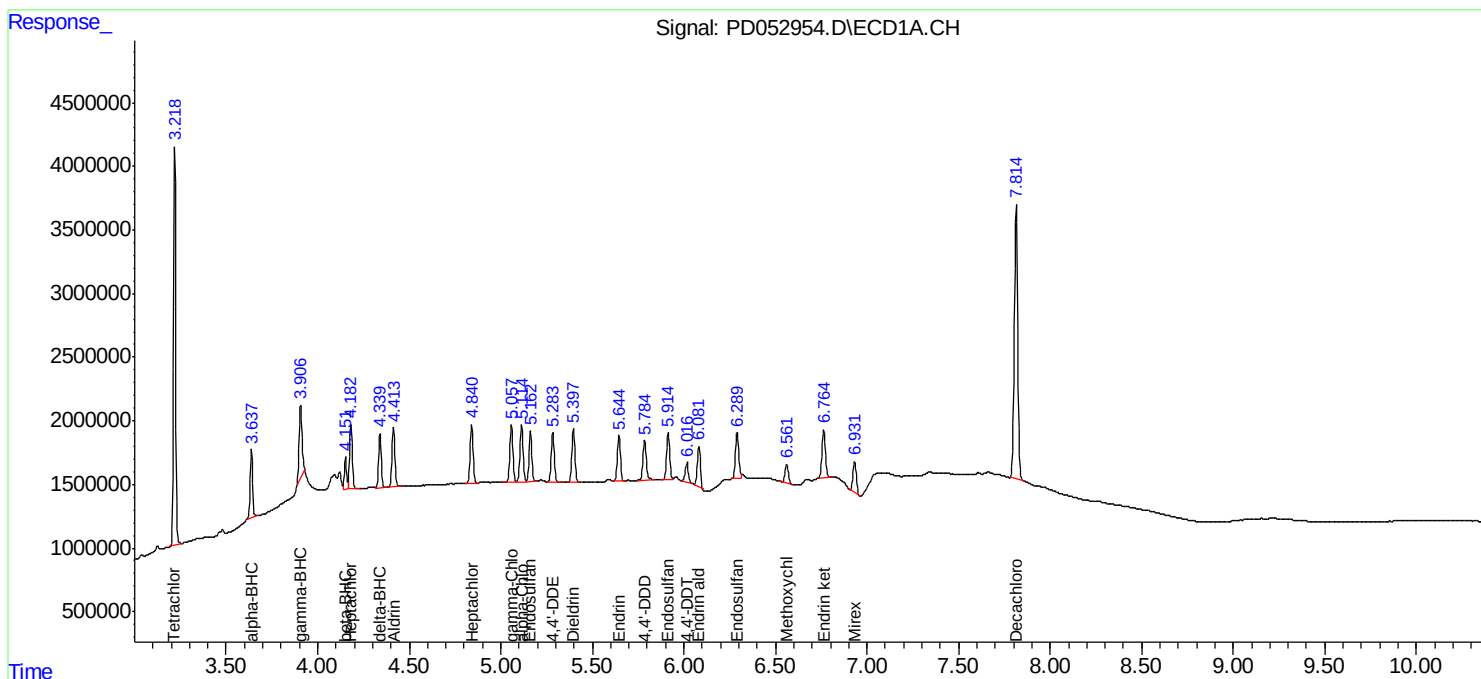
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

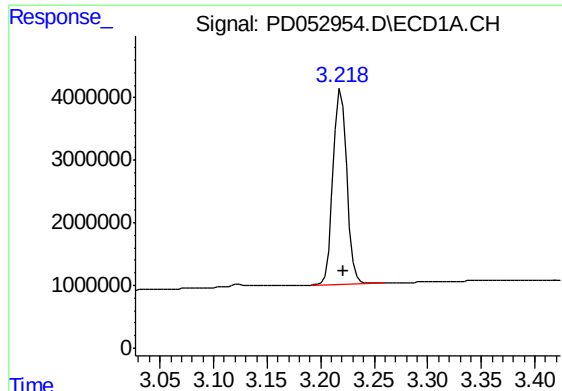
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 02:18:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response 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





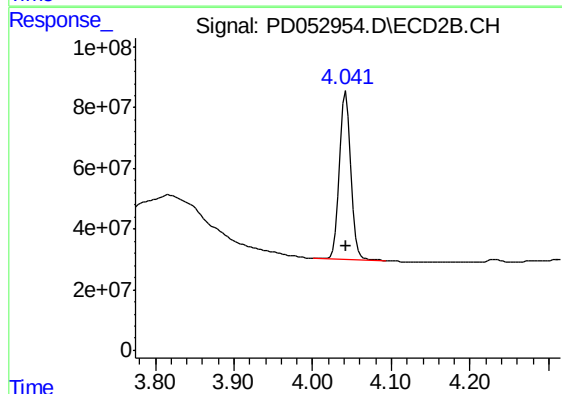
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 27719758
Conc: 19.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

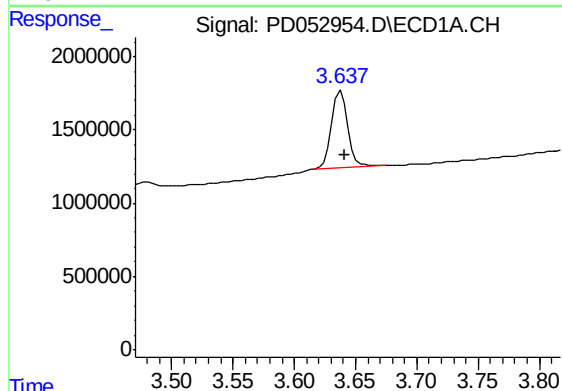
Manual Integrations
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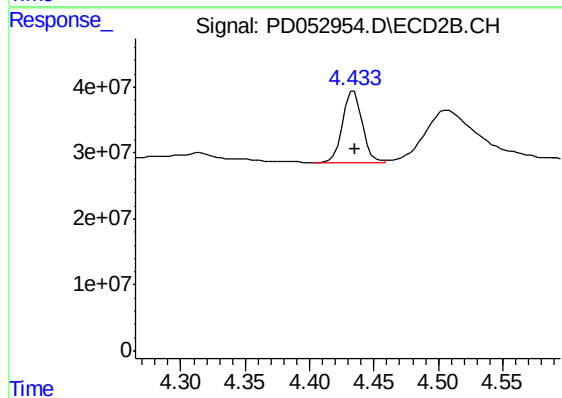
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 570386974
Conc: 19.68 ng/ml



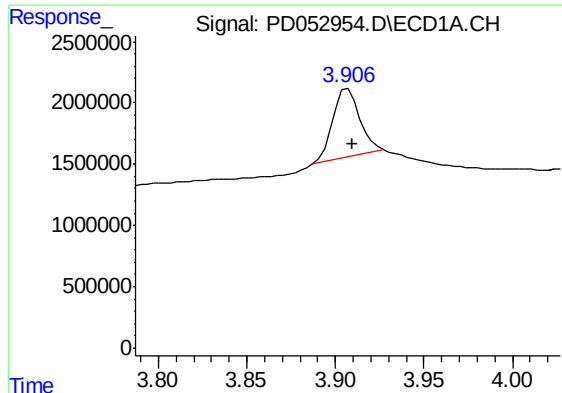
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.003 min
Response: 4872294
Conc: 2.14 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 116212242
Conc: 2.58 ng/ml



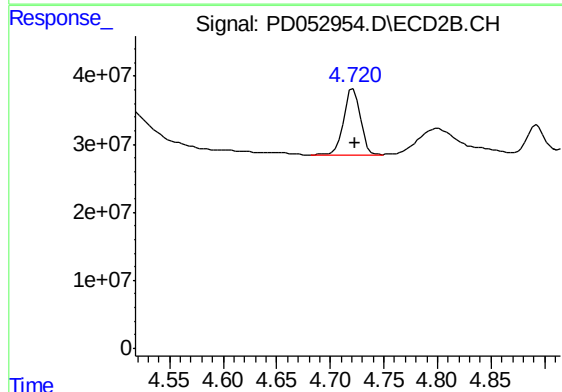
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.004 min
Response: 5880878
Conc: 2.69 ng/ml m

Instrument :
ECD_D
ClientSampleId :
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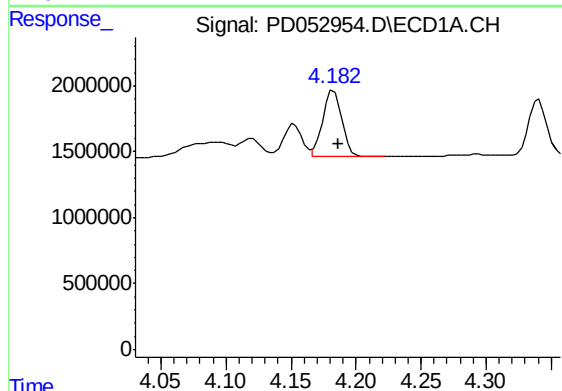
Manual Integrations
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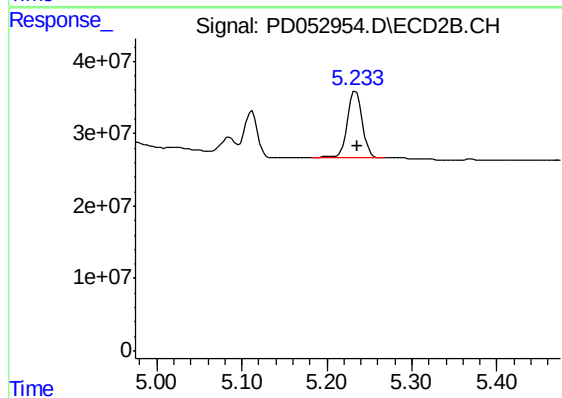
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 110131262
Conc: 2.74 ng/ml



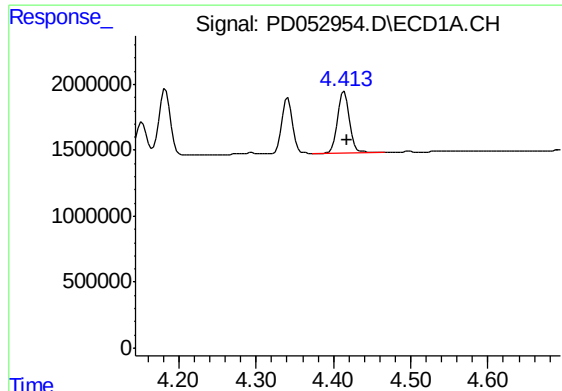
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 5221759
Conc: 2.46 ng/ml



#4 Heptachlor

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 113813847
Conc: 2.87 ng/ml



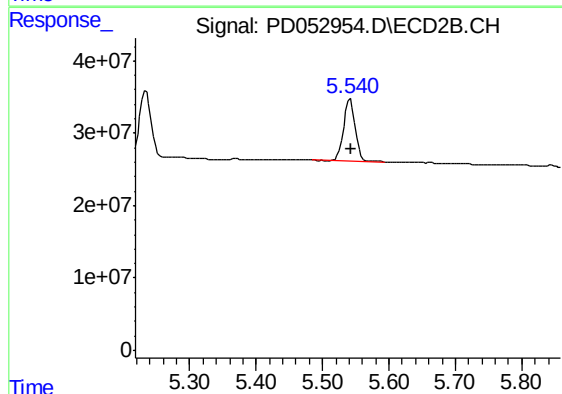
#5 Aldrin

R.T.: 4.414 min
Delta R.T.: -0.004 min
Response: 5065440
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

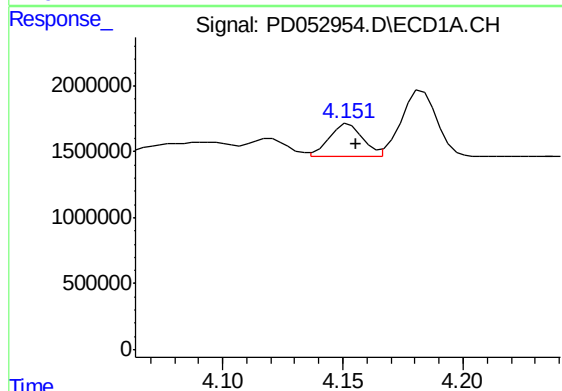
Manual Integrations
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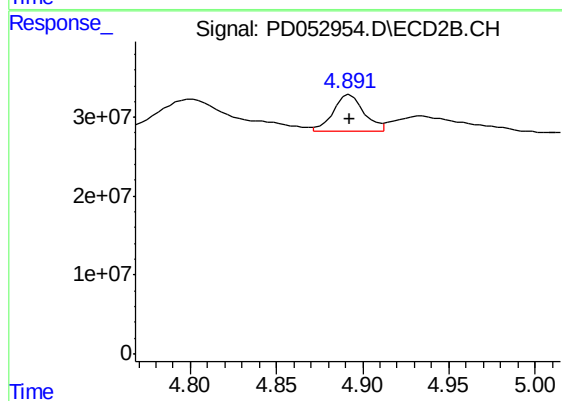
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 105513549
Conc: 2.85 ng/ml



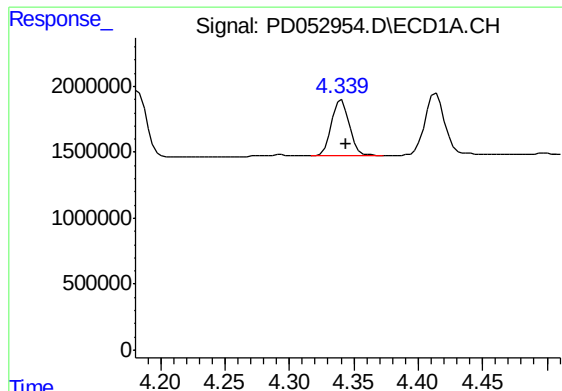
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 2433391
Conc: 2.76 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 59211531
Conc: 3.27 ng/ml



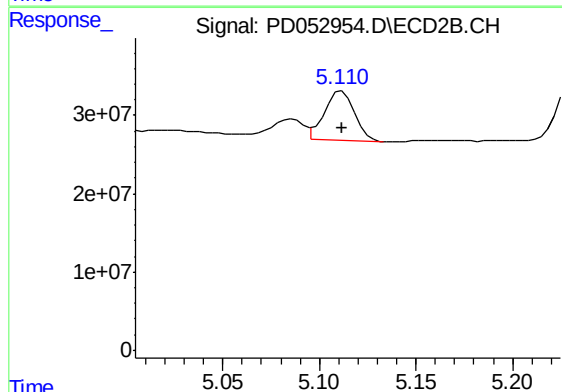
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 4132258
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

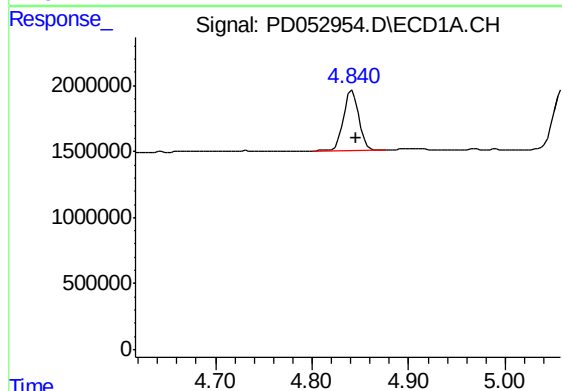
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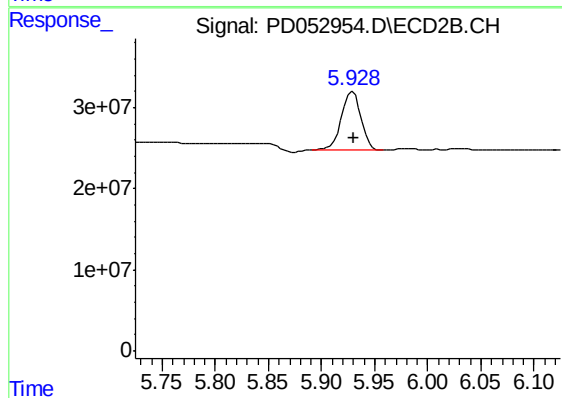
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 68381203
Conc: 2.08 ng/ml m



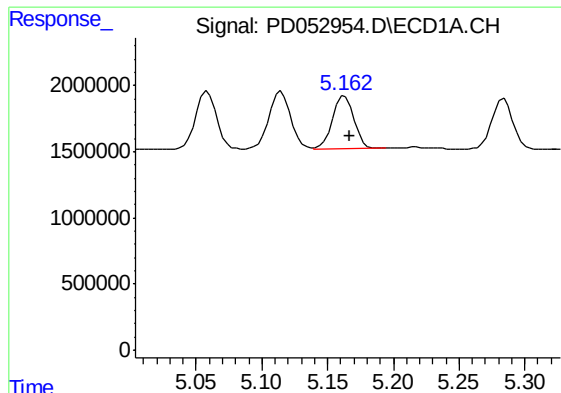
#8 Heptachlor epoxide

R.T.: 4.841 min
Delta R.T.: -0.004 min
Response: 4969683
Conc: 2.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 92814279
Conc: 2.88 ng/ml



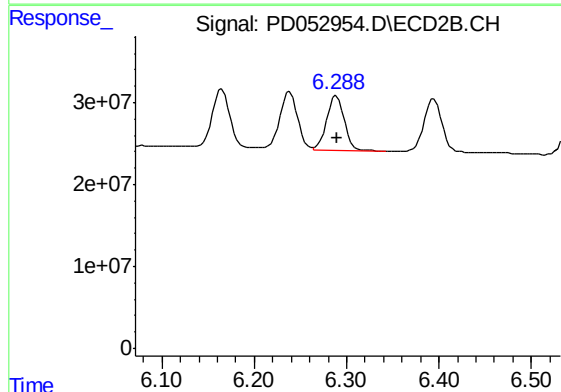
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 4519115
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

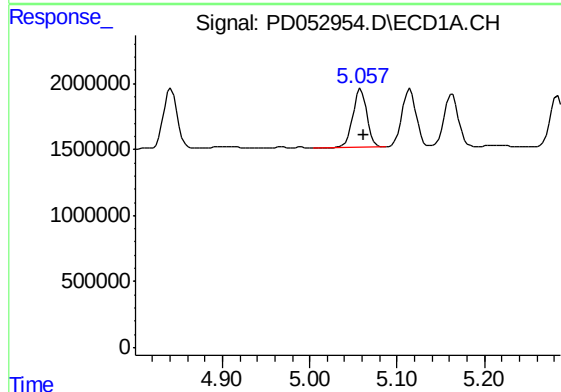
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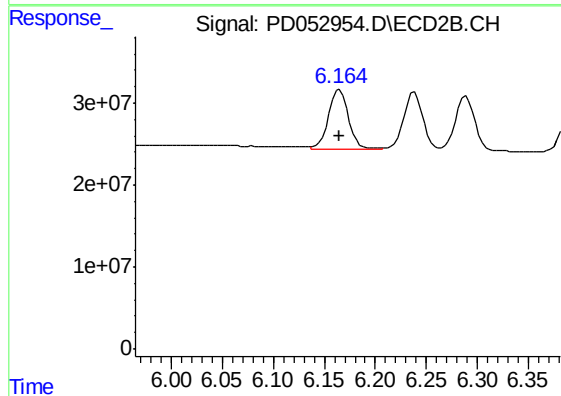
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 87065917
Conc: 2.98 ng/ml



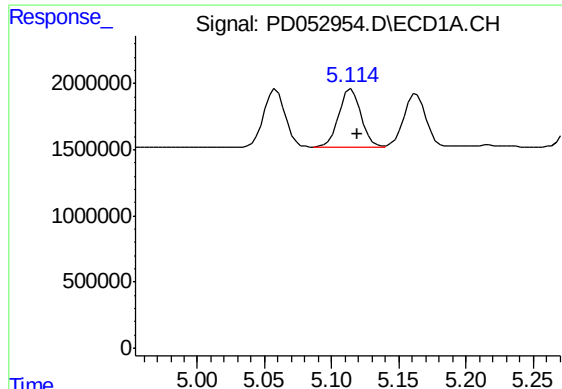
#10 gamma-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.004 min
Response: 4955790
Conc: 2.54 ng/ml



#10 gamma-Chlordane

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 99313816
Conc: 3.10 ng/ml



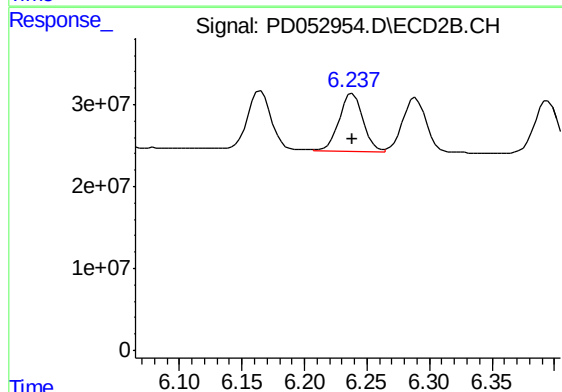
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 5001430
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

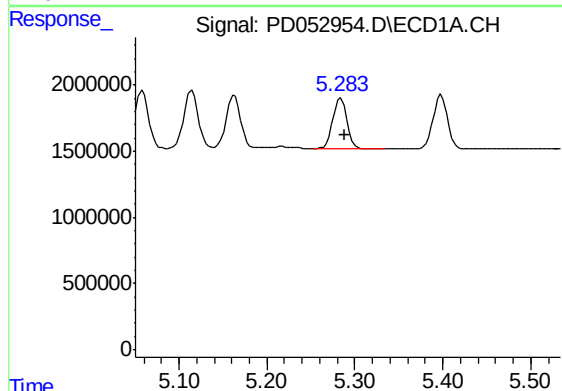
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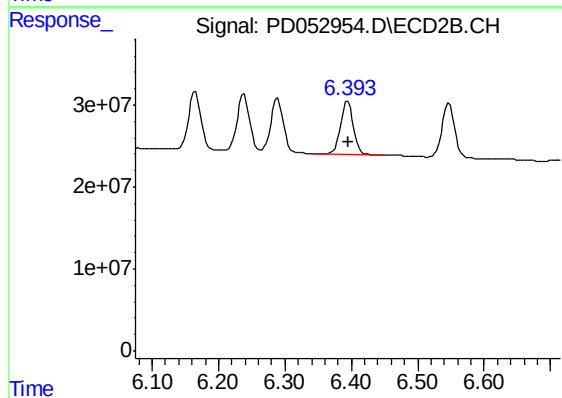
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 94802572
Conc: 3.02 ng/ml



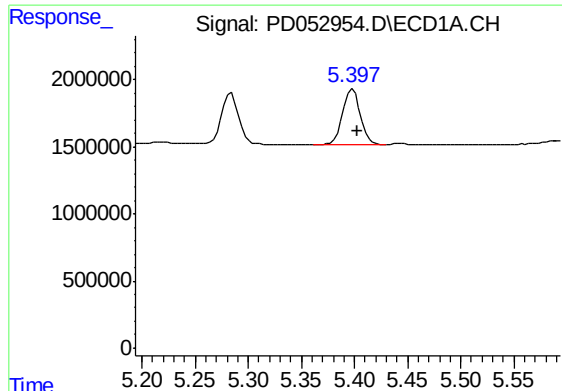
#12 4,4'-DDE

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 4261139
Conc: 2.29 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 86564984
Conc: 2.84 ng/ml



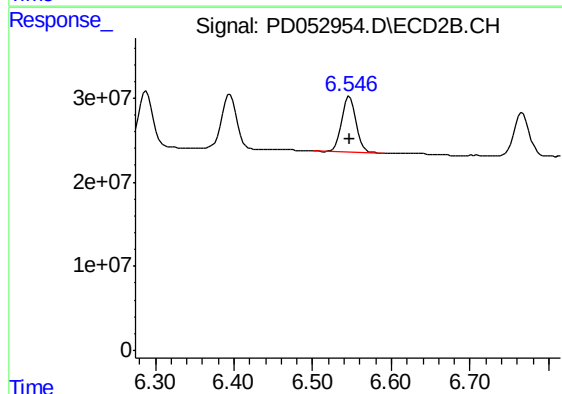
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 4669987
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

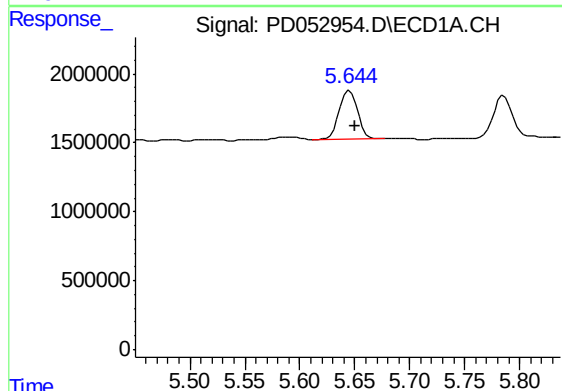
Manual Integrations
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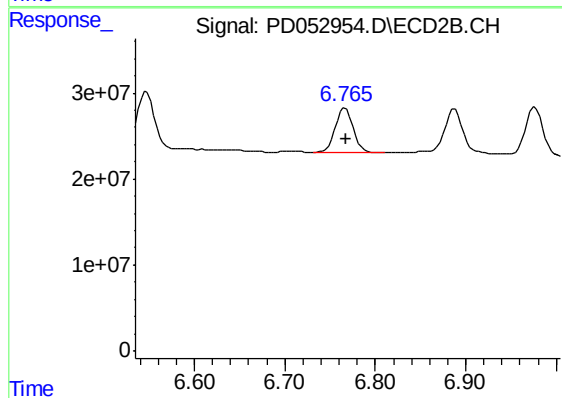
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 85466941
Conc: 2.86 ng/ml



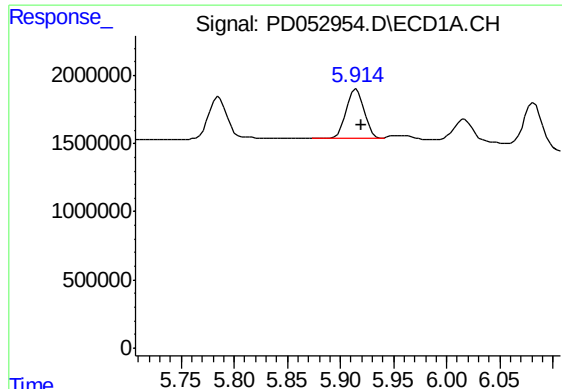
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 4088684
Conc: 2.22 ng/ml



#14 Endrin

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 69874043
Conc: 2.79 ng/ml



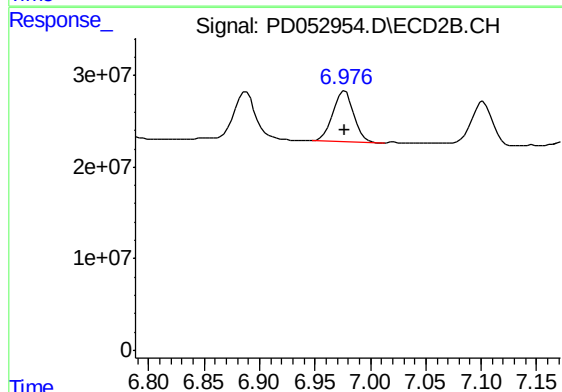
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 4109284
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

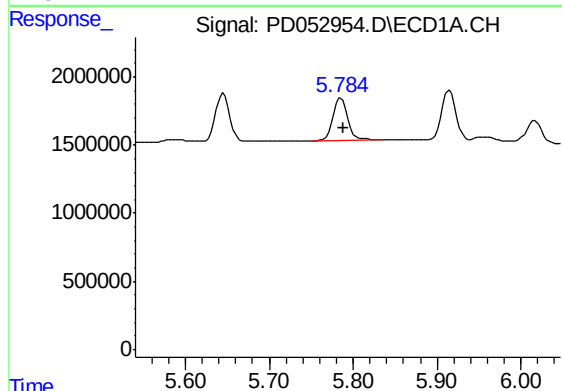
Manual Integrations
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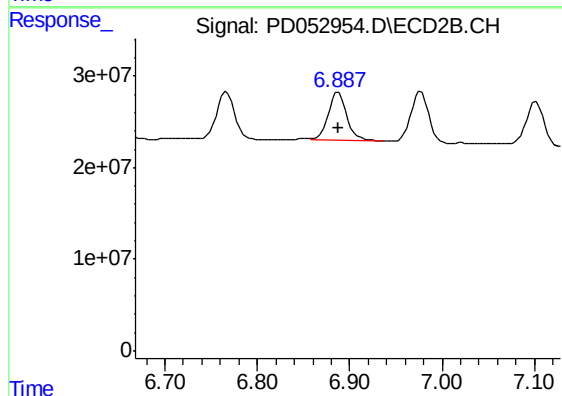
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 72805729
Conc: 2.92 ng/ml



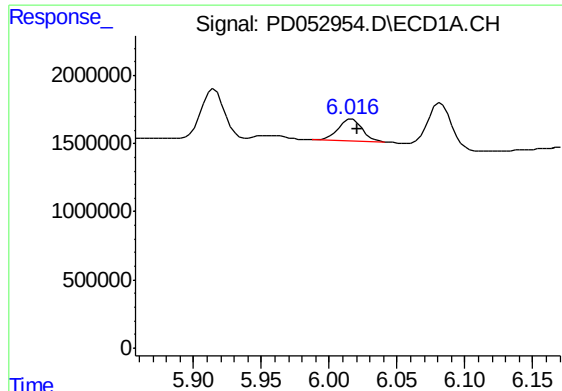
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 3774515
Conc: 2.47 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 72324480
Conc: 3.02 ng/ml



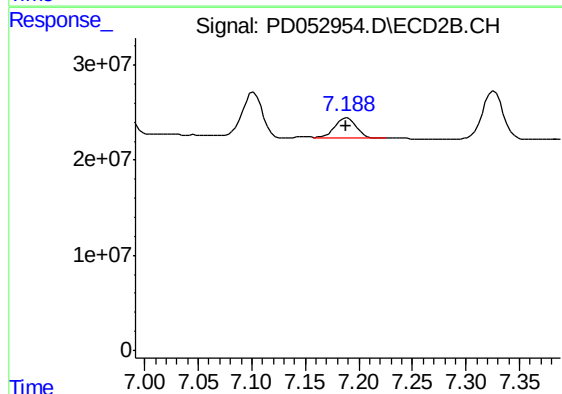
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: -0.006 min
Response: 1974883
Conc: 1.37 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

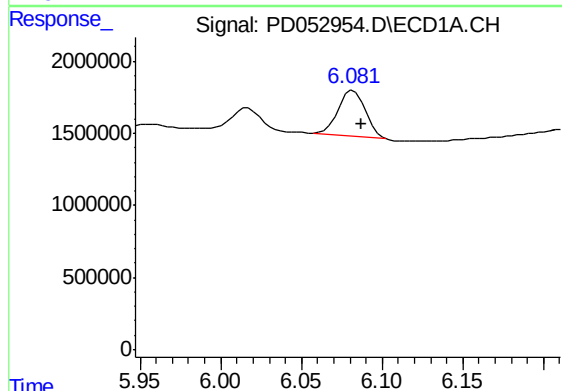
Manual Integrations
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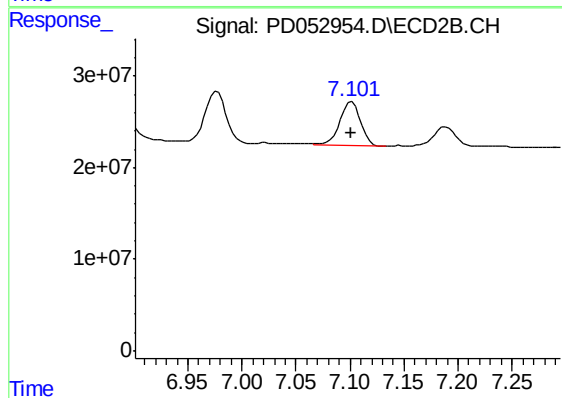
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 30055989
Conc: 1.61 ng/ml m



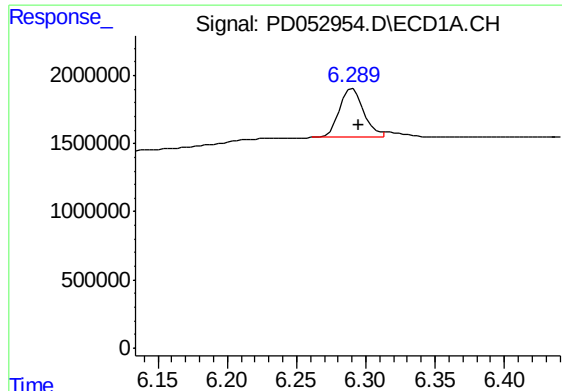
#18 Endrin aldehyde

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 3771949
Conc: 2.63 ng/ml m



#18 Endrin aldehyde

R.T.: 7.102 min
Delta R.T.: 0.001 min
Response: 63490684
Conc: 3.08 ng/ml



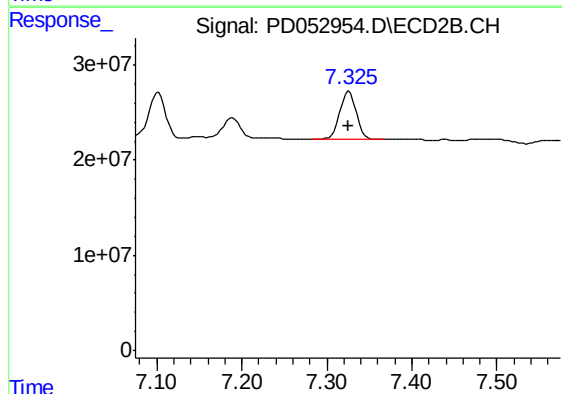
#19 Endosulfan Sulfate

R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 4409086
Conc: 2.88 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

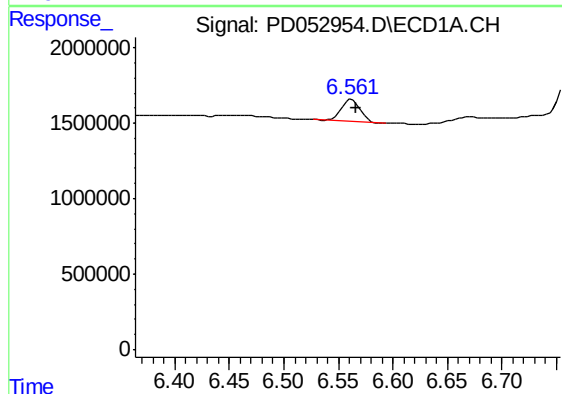
Manual Integrations
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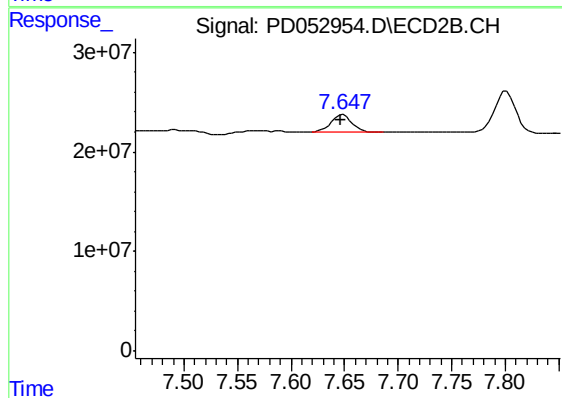
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 68359795
Conc: 3.11 ng/ml



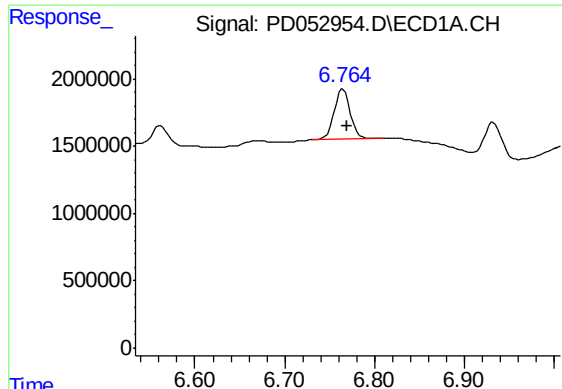
#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 1782146
Conc: 2.11 ng/ml



#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 23491485
Conc: 2.35 ng/ml



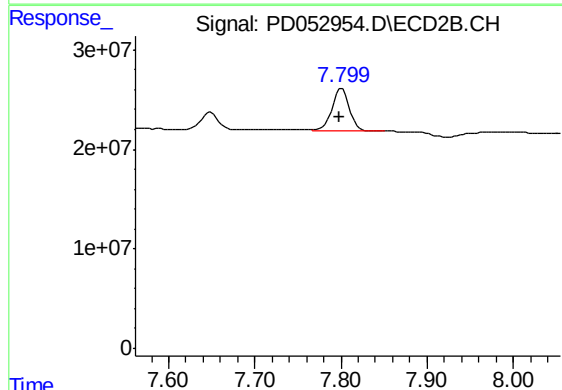
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.004 min
Response: 4651427
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

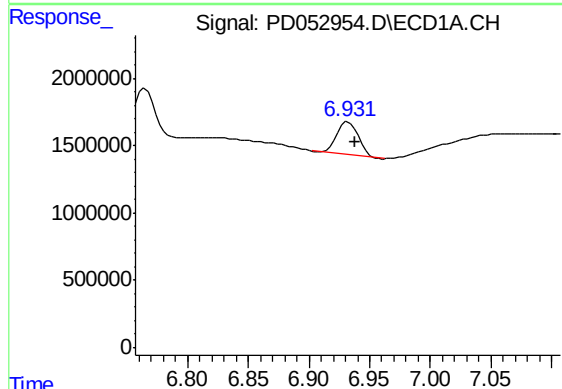
Manual Integrations
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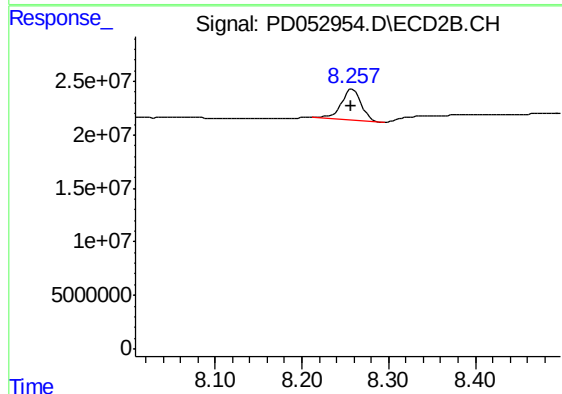
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 59422387
Conc: 2.90 ng/ml



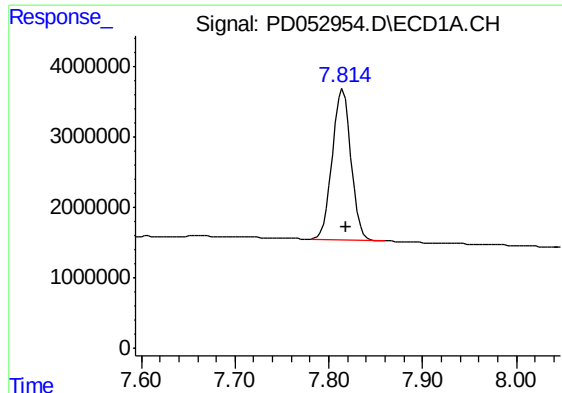
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.005 min
Response: 3075556
Conc: 2.51 ng/ml



#22 Mirex

R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 45654132
Conc: 3.54 ng/ml



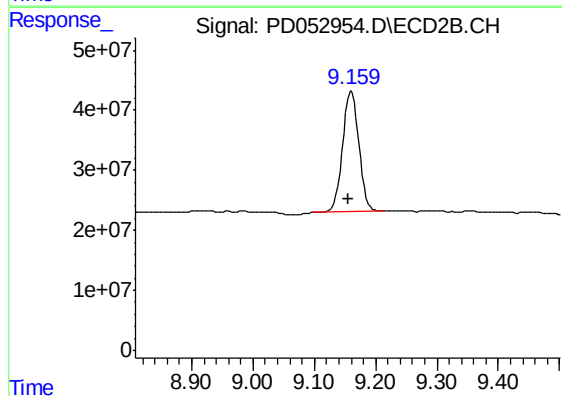
#28 Decachlorobiphenyl

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 29745360
Conc: 22.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.004 min
Response: 369761935
Conc: 23.78 ng/ml