

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
 Data File : PD052955.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2019 14:54
 Operator : AJ\SJ
 Sample : K2241-02
 Misc : LOQ 10 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 02:18:32 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	28679724	582.1E6	20.553	20.085
28)	SA Decachlor...	7.814	9.162	30206412	383.8E6	22.665	24.678
Target Compounds							
2)	A alpha-BHC	3.639	4.434	20725463	454.3E6	9.117	10.094
3)	MA gamma-BHC...	3.906	4.722	21391742	417.2E6	9.783m	10.370
4)	MA Heptachlor	4.183	5.234	21550516	424.8E6	10.150	10.706
5)	MB Aldrin	4.415	5.542	20675061	409.9E6	10.268	11.069
6)	B beta-BHC	4.153	4.893	9539188	200.9E6	10.808	11.101
7)	B delta-BHC	4.341	5.111	18132763	333.6E6	8.890	10.139m
8)	B Heptachlor...	4.842	5.930	19785787	356.6E6	10.411	11.047
9)	A Endosulfan I	5.163	6.290	18172248	330.9E6	10.168	11.328
10)	B gamma-Chl...	5.059	6.165	19812600	369.0E6	10.161	11.534
11)	B alpha-Chl...	5.115	6.239	19883819	350.7E6	10.302	11.173
12)	B 4,4'-DDE	5.284	6.395	17772811	336.3E6	9.531	11.015
13)	MA Dieldrin	5.398	6.548	19009435	334.0E6	9.831	11.166
14)	MA Endrin	5.645	6.768	16706349	270.4E6	9.073	10.790
15)	B Endosulfa...	5.915	6.978	16468242	278.5E6	9.594	11.176
16)	A 4,4'-DDD	5.785	6.889	15273287	275.9E6	9.993	11.535
17)	MA 4,4'-DDT	6.015	7.190	11243716	169.3E6	7.816m	9.085
18)	B Endrin al...	6.082	7.102	15230195	238.6E6	10.623	11.592
19)	B Endosulfa...	6.291	7.327	17287540	268.9E6	11.274	12.221
20)	A Methoxychlor	6.562	7.649	8286684	109.0E6	9.809	10.894
21)	B Endrin ke...	6.765	7.802	18924193	242.6E6	10.405	11.838
22)	Mirex	6.933	8.259	13868243	169.1E6	11.321	13.113

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
Data File : PD052955.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Apr 2019 14:54
Operator : AJ\SJ
Sample : K2241-02
Misc : LOQ 10 PPB
ALS Vial : 19 Sample Multiplier: 1

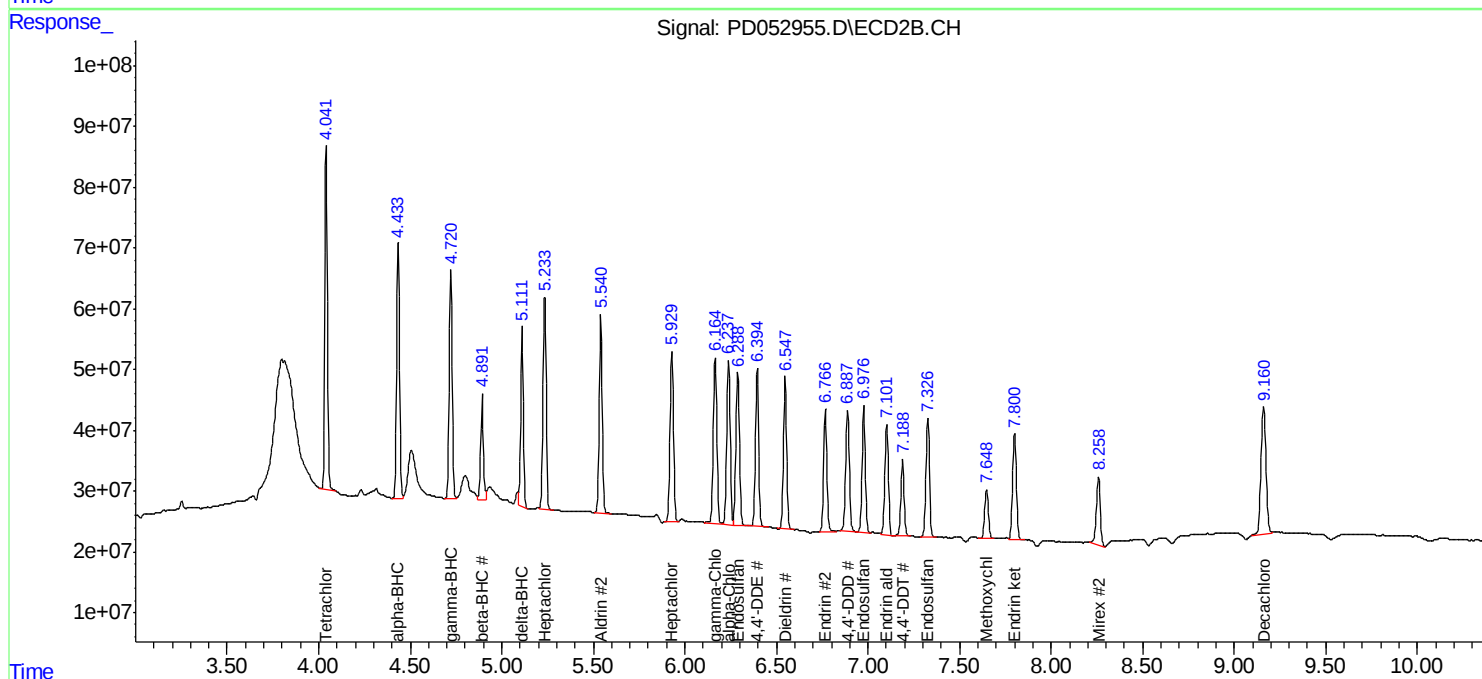
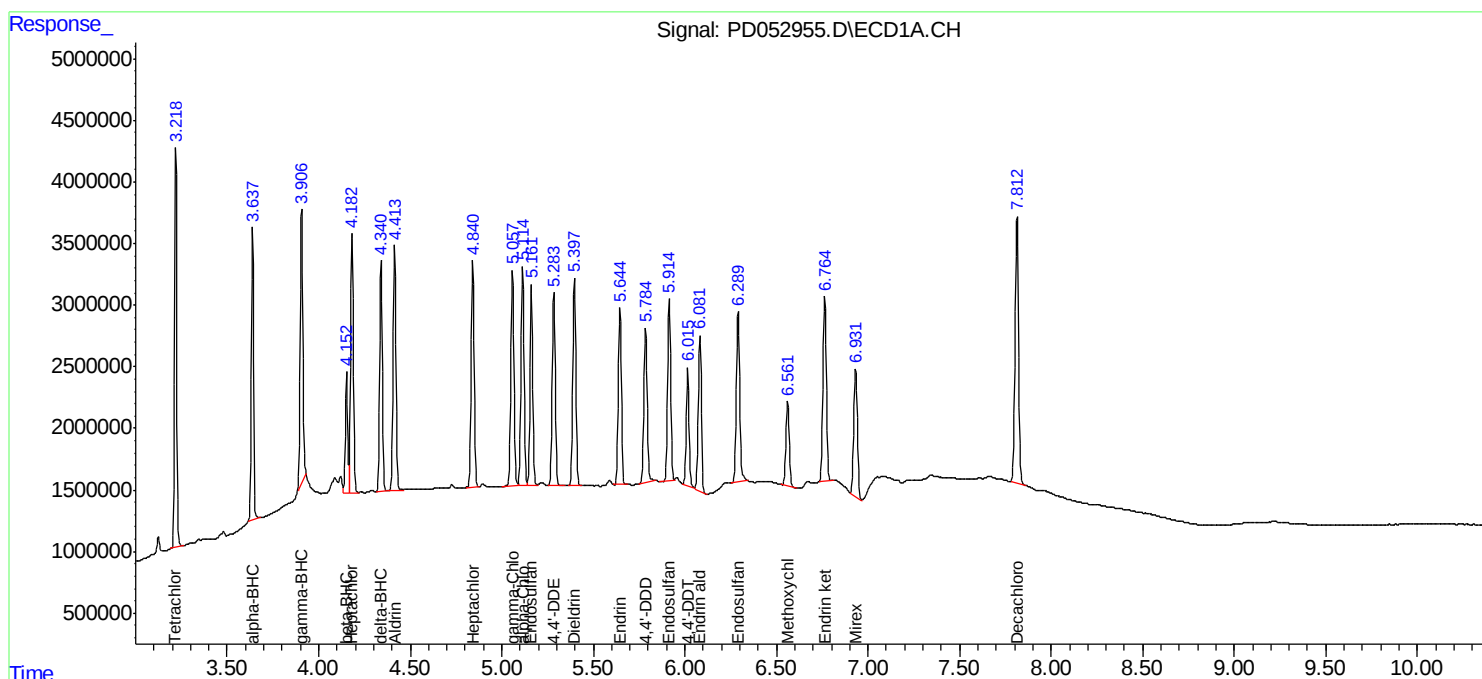
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

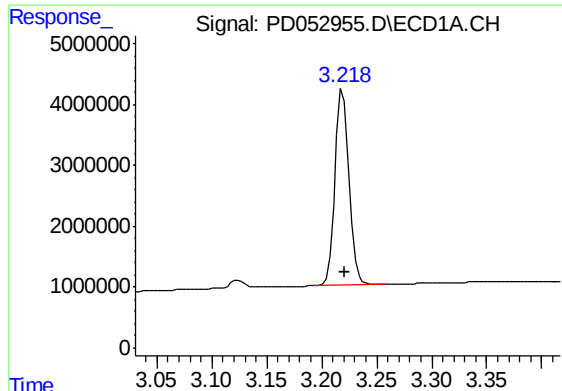
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 02:18:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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





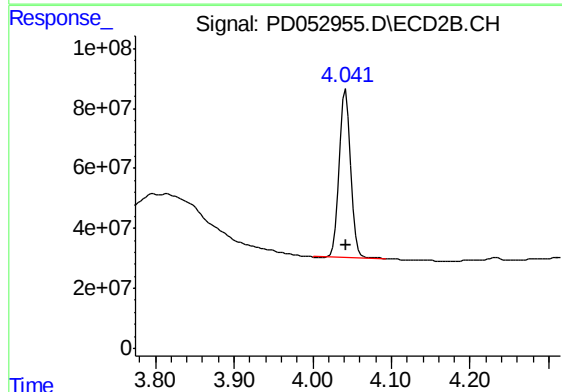
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28679724
Conc: 20.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

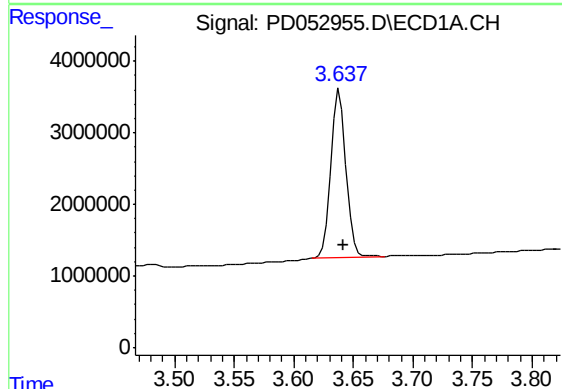
Manual Integrations
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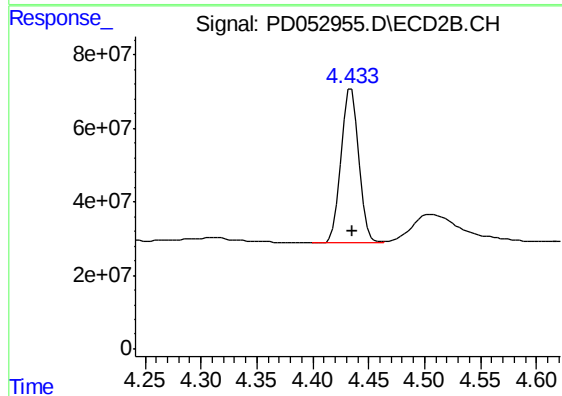
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 582130034
Conc: 20.08 ng/ml



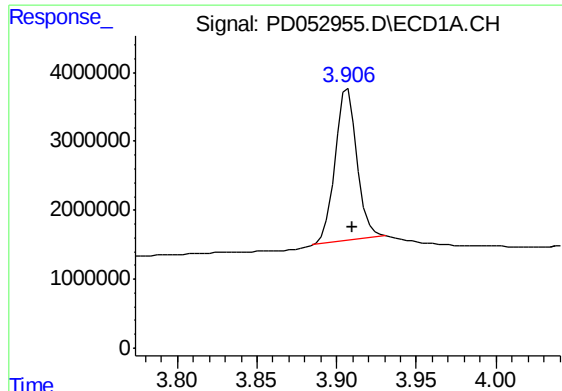
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.003 min
Response: 20725463
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 454330527
Conc: 10.09 ng/ml



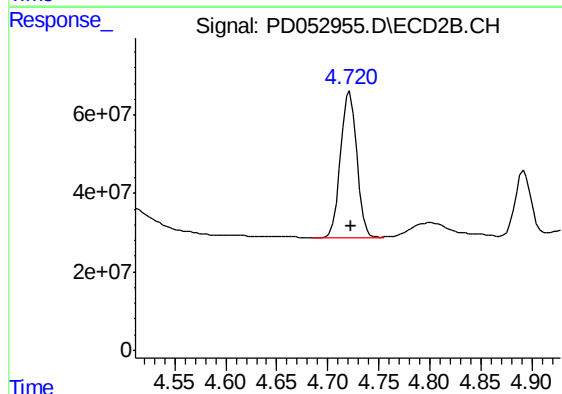
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.004 min
Response: 21391742
Conc: 9.78 ng/ml m

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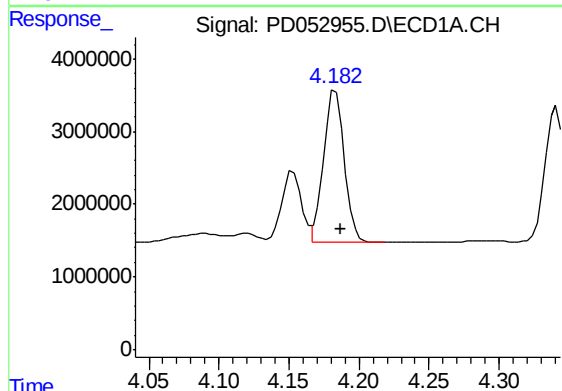
Manual Integrations
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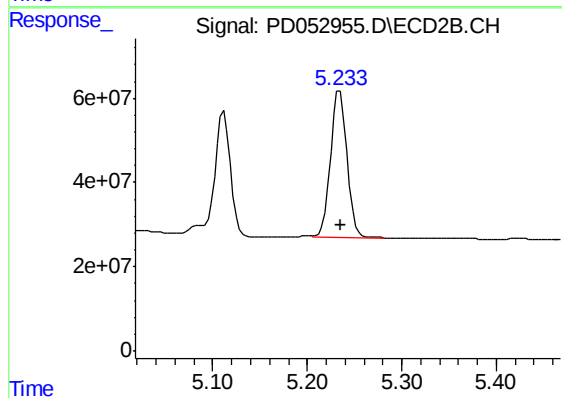
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 417180718
Conc: 10.37 ng/ml



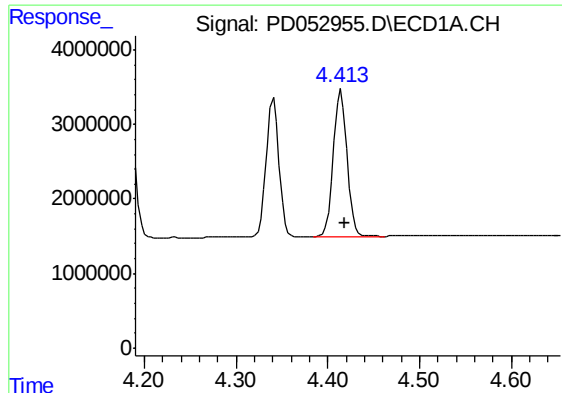
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 21550516
Conc: 10.15 ng/ml



#4 Heptachlor

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 424755772
Conc: 10.71 ng/ml



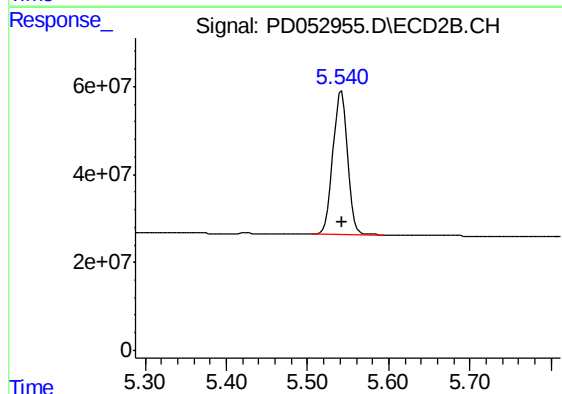
#5 Aldrin

R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 20675061
Conc: 10.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

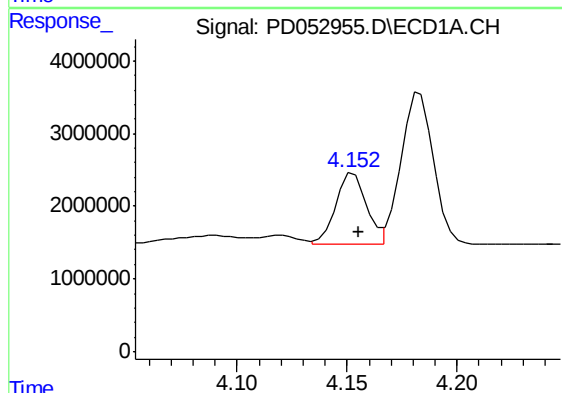
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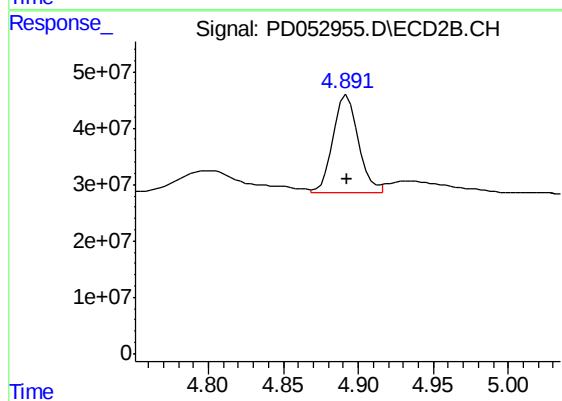
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 409859721
Conc: 11.07 ng/ml



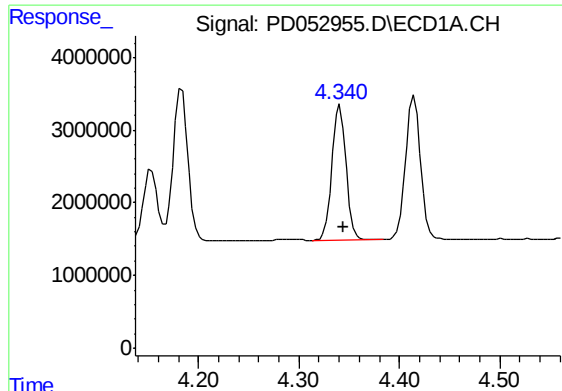
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 9539188
Conc: 10.81 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 200864284
Conc: 11.10 ng/ml



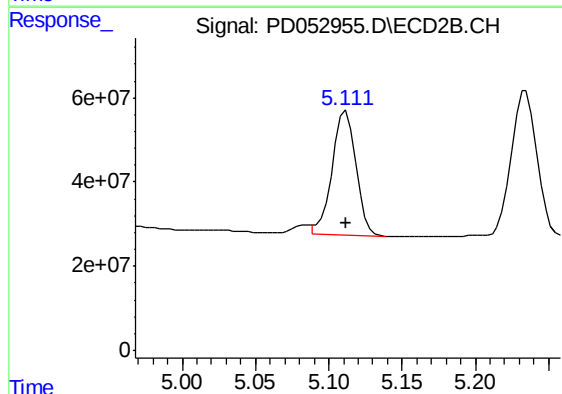
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 18132763
Conc: 8.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

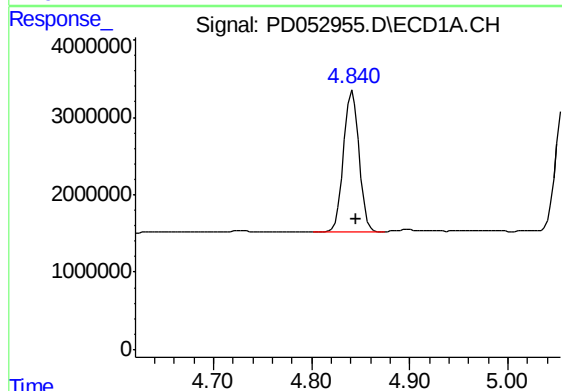
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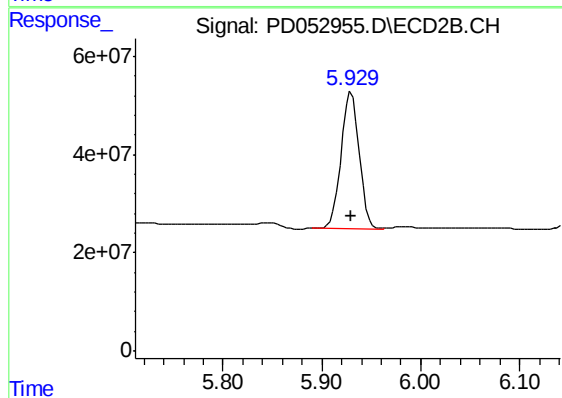
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 333649014
Conc: 10.14 ng/ml m



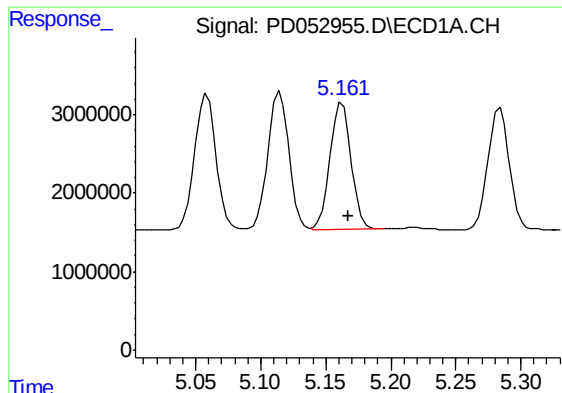
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 19785787
Conc: 10.41 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 356571067
Conc: 11.05 ng/ml



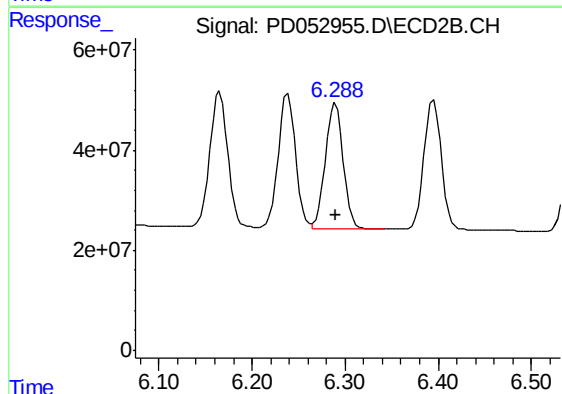
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.005 min
Response: 18172248
Conc: 10.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

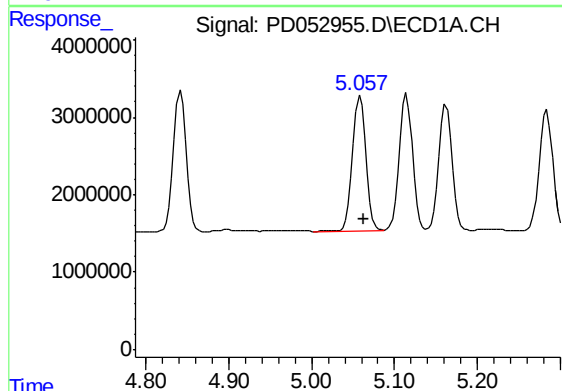
Manual Integrations
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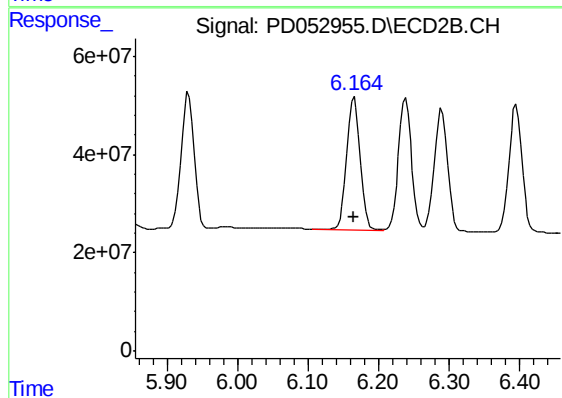
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 330919600
Conc: 11.33 ng/ml



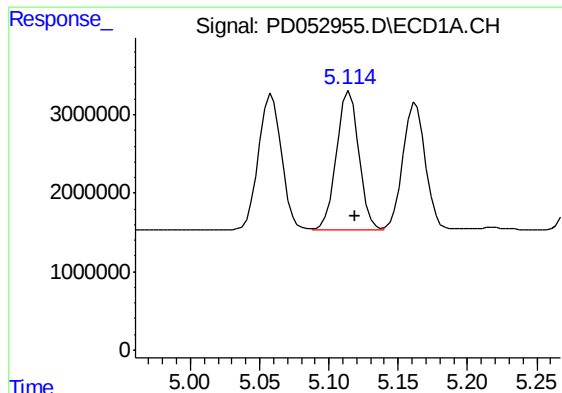
#10 gamma-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.004 min
Response: 19812600
Conc: 10.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 369012531
Conc: 11.53 ng/ml



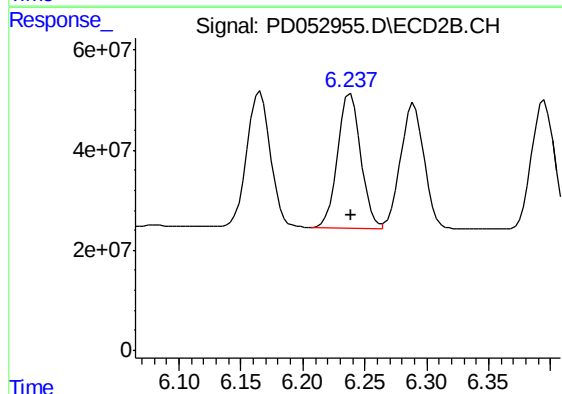
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 19883819
Conc: 10.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

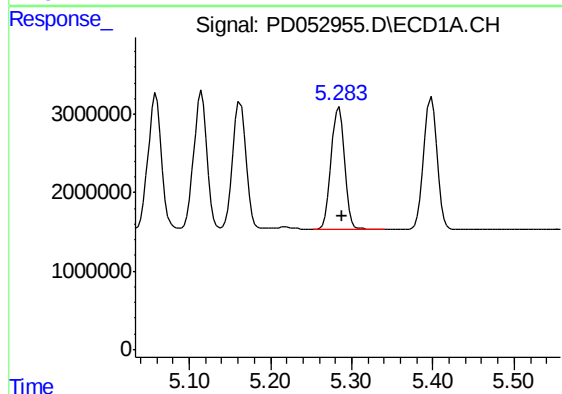
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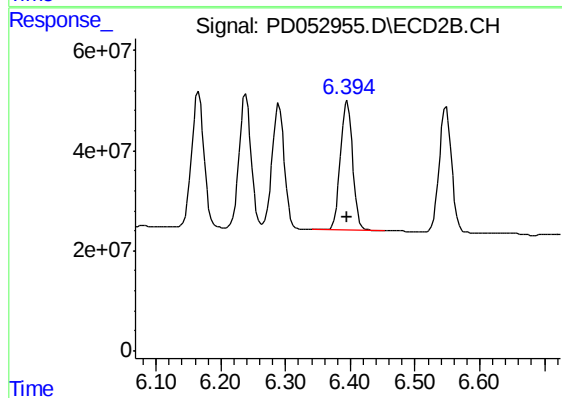
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 350701056
Conc: 11.17 ng/ml



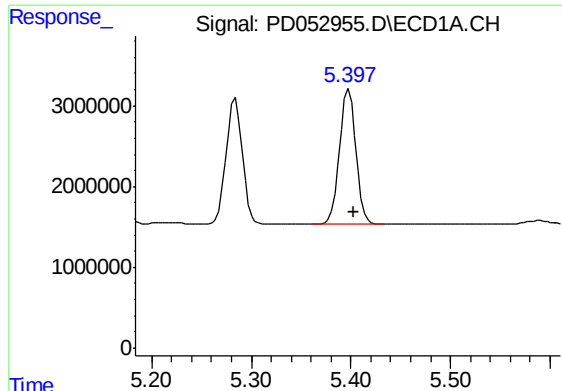
#12 4,4'-DDE

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 17772811
Conc: 9.53 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 336271203
Conc: 11.01 ng/ml



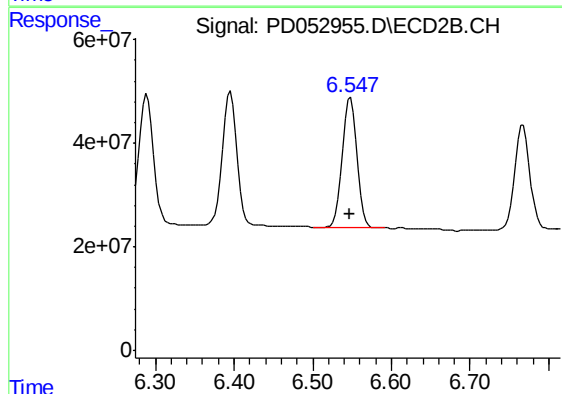
#13 Dielldrin

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 19009435
Conc: 9.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

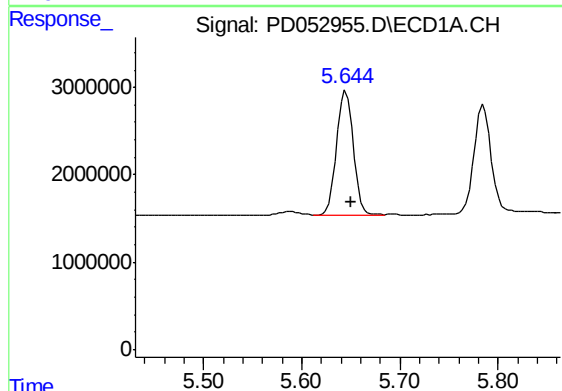
Manual Integrations
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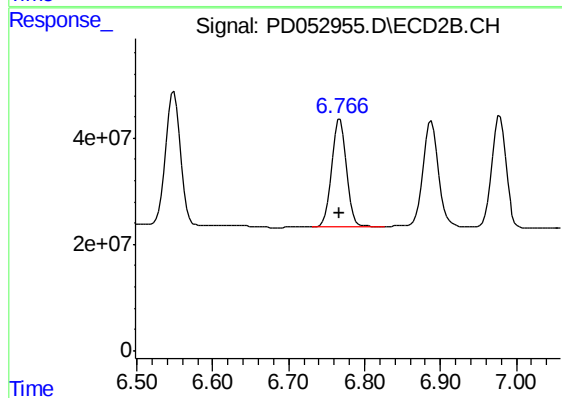
#13 Dielldrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 334007162
Conc: 11.17 ng/ml



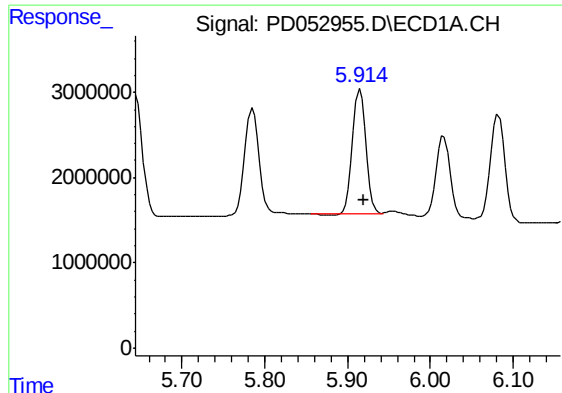
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 16706349
Conc: 9.07 ng/ml



#14 Endrin

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 270383248
Conc: 10.79 ng/ml



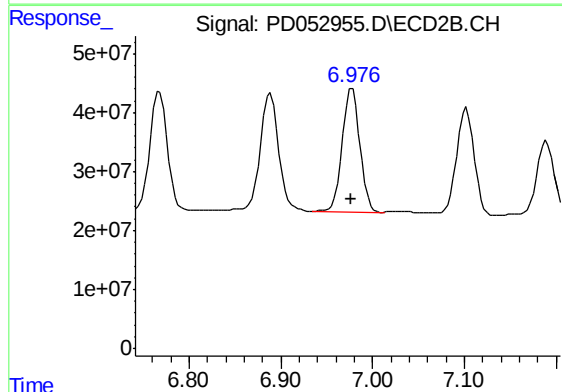
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 16468242
Conc: 9.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

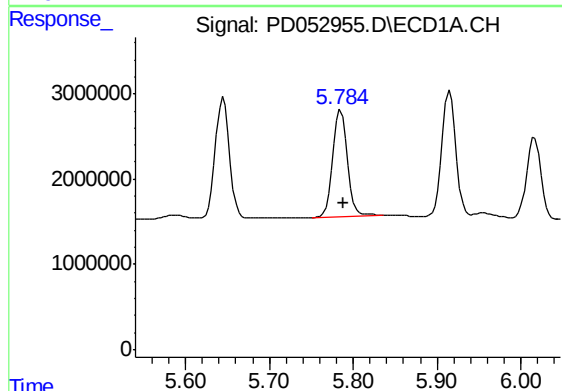
Manual Integrations
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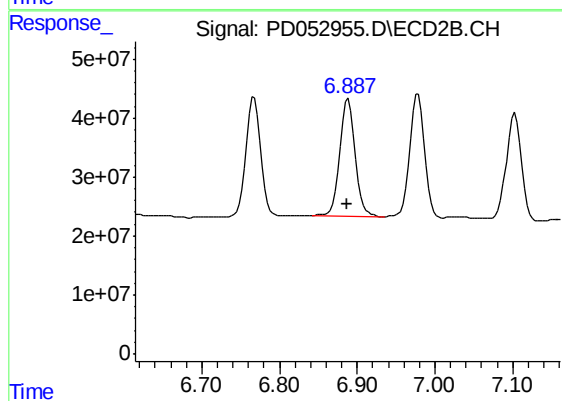
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 278484386
Conc: 11.18 ng/ml



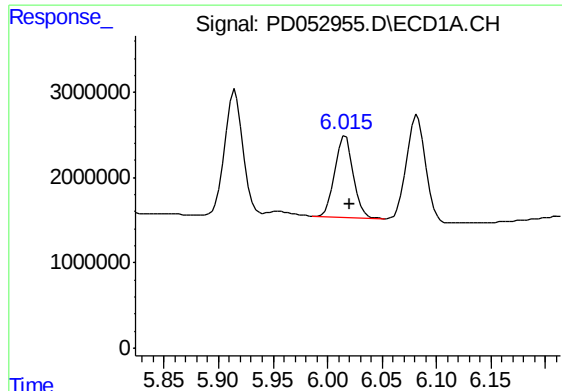
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 15273287
Conc: 9.99 ng/ml



#16 4,4'-DDD

R.T.: 6.889 min
Delta R.T.: 0.001 min
Response: 275869577
Conc: 11.53 ng/ml



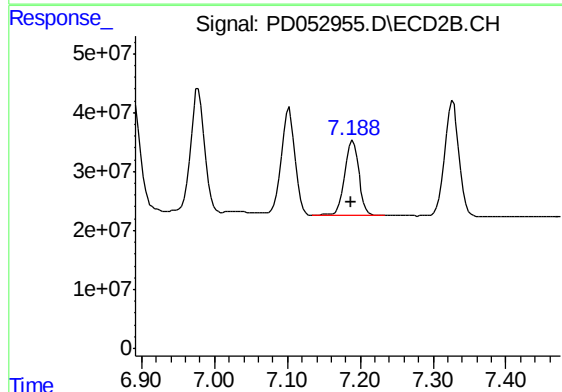
#17 4,4'-DDT

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 11243716
Conc: 7.82 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

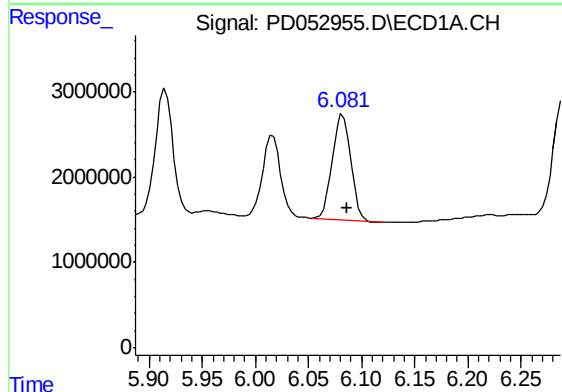
Manual Integrations
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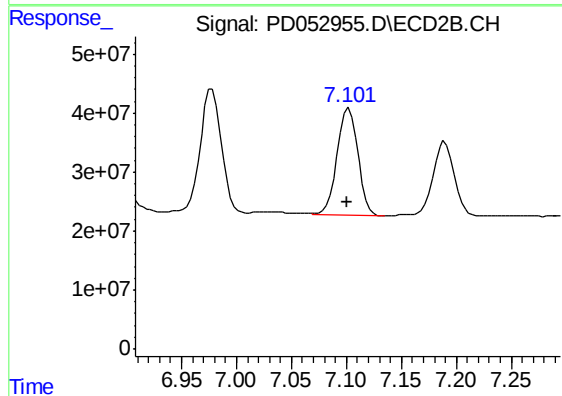
#17 4,4'-DDT

R.T.: 7.190 min
Delta R.T.: 0.002 min
Response: 169289723
Conc: 9.08 ng/ml



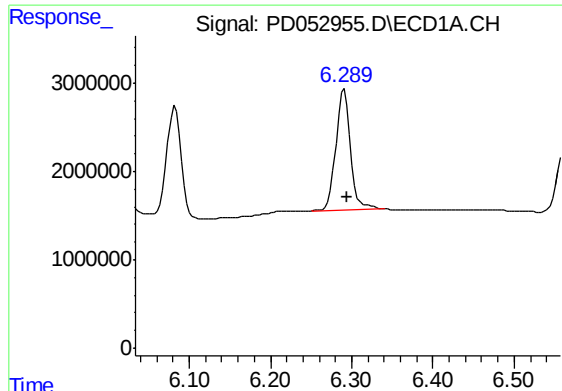
#18 Endrin aldehyde

R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 15230195
Conc: 10.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 238617890
Conc: 11.59 ng/ml



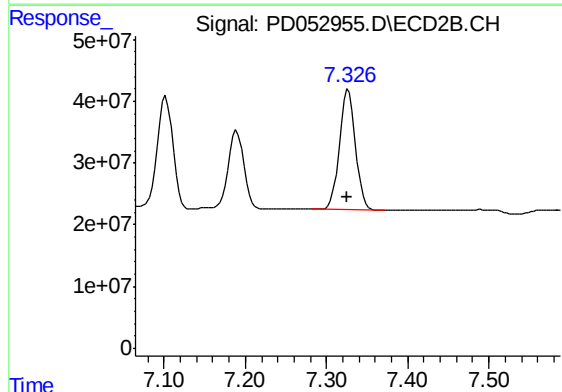
#19 Endosulfan Sulfate

R.T.: 6.291 min
Delta R.T.: -0.004 min
Response: 17287540
Conc: 11.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

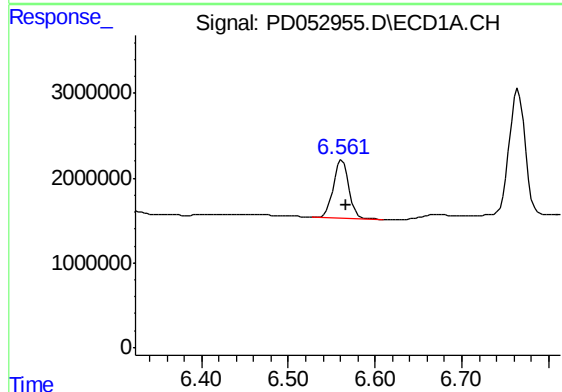
Manual Integrations
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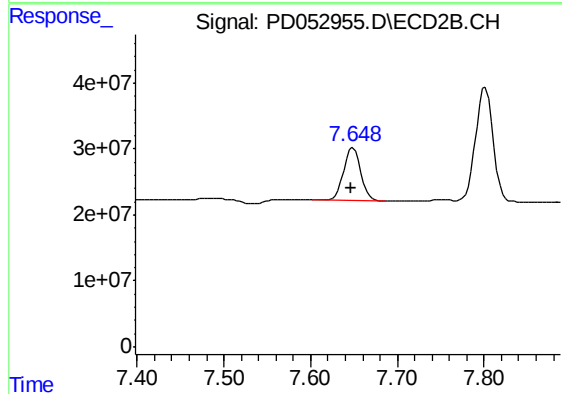
#19 Endosulfan Sulfate

R.T.: 7.327 min
Delta R.T.: 0.001 min
Response: 268867786
Conc: 12.22 ng/ml



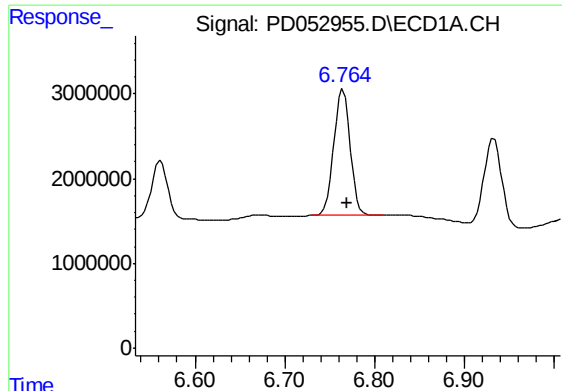
#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 8286684
Conc: 9.81 ng/ml



#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 108980328
Conc: 10.89 ng/ml



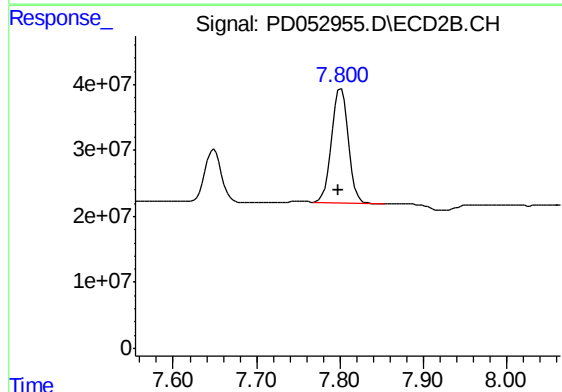
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.004 min
Response: 18924193
Conc: 10.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

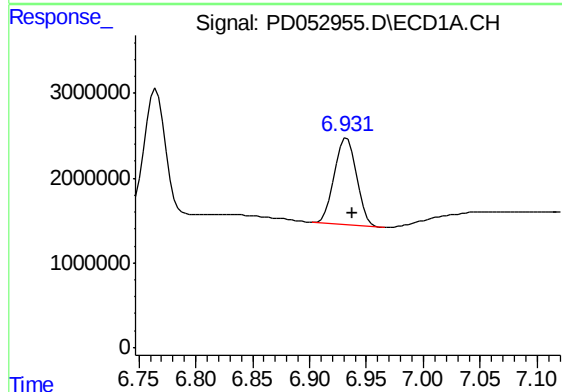
Manual Integrations
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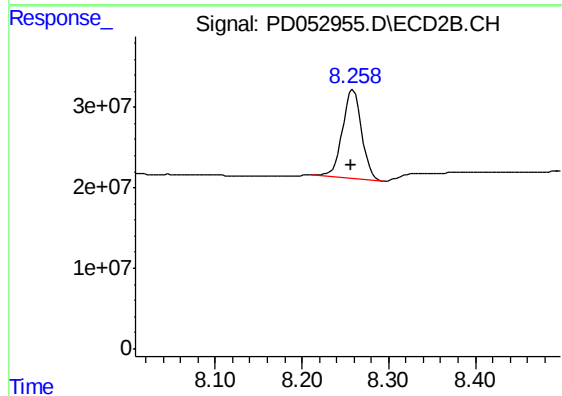
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.003 min
Response: 242561663
Conc: 11.84 ng/ml



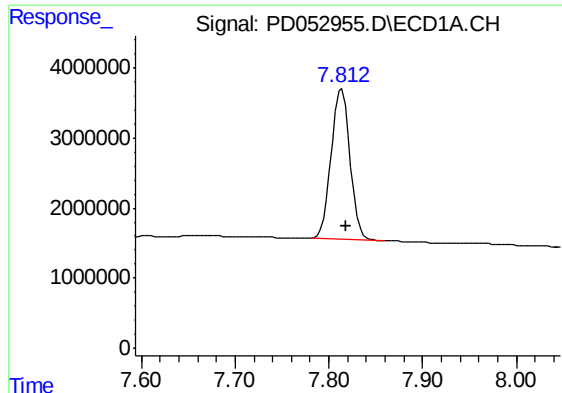
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.005 min
Response: 13868243
Conc: 11.32 ng/ml



#22 Mirex

R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 169094789
Conc: 13.11 ng/ml



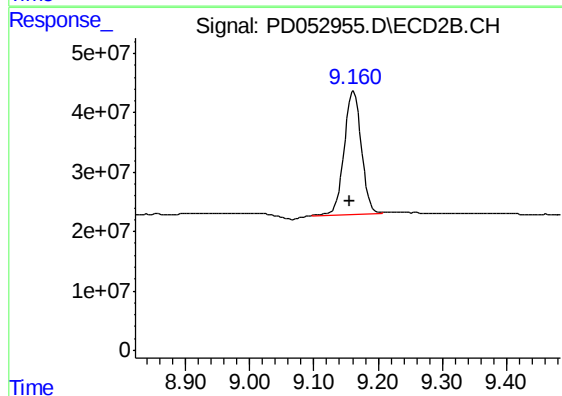
#28 Decachlorobiphenyl

R.T.: 7.814 min
Delta R.T.: -0.005 min
Response: 30206412
Conc: 22.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.162 min
Delta R.T.: 0.005 min
Response: 383772350
Conc: 24.68 ng/ml