

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
 Data File : PD052953.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2019 14:26
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 1 PPB
 ALS Vial : 17 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 02:18:00 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	4.043	28091278	583.9E6	20.131	20.145
28)	SA Decachlor...	7.815	9.163	30227130	377.2E6	22.680	24.258
Target Compounds							
2)	A alpha-BHC	3.638	4.435	1934225	45727029	0.851	1.016
3)	MA gamma-BHC...	3.906	4.722	2995302	44555720	1.370m	1.108
4)	MA Heptachlor	4.183	5.235	2107780	50799111	0.993	1.280 #
5)	MB Aldrin	4.414	5.541	2129908	44425308	1.058	1.200
6)	B beta-BHC	4.153	4.893	1007758	27627006	1.142	1.527 #
7)	B delta-BHC	4.341	5.112	1692055	13988476	0.830	0.425m#
8)	B Heptachlor...	4.842	5.929	1984249	37729733	1.044	1.169
9)	A Endosulfan I	5.163	6.289	1782602	37460257	0.997	1.282 #
10)	B gamma-Chl...	5.059	6.166	1984484	49537372	1.018	1.548 #
11)	B alpha-Chl...	5.115	6.238	2035954	40913395	1.055	1.303
12)	B 4,4'-DDE	5.284	6.394	1695580	36490439	0.909	1.195 #
13)	MA Dieldrin	5.398	6.547	1816022	34483717	0.939	1.153
14)	MA Endrin	5.645	6.767	1588414	27954923	0.863	1.116 #
15)	B Endosulfa...	5.915	6.977	1606541	30286465	0.936m	1.215 #
16)	A 4,4'-DDD	5.785	6.888	1456834	31439232	0.953	1.315 #
17)	MA 4,4'-DDT	6.016	7.189	614170	10416435	0.427m	0.559 #
18)	B Endrin al...	6.081	7.102	1650638	26997758	1.151m	1.312
19)	B Endosulfa...	6.289	7.327	1849284	28216258	1.206m	1.283
20)	A Methoxychlor	6.561	7.648	630721	8403642	0.747m	0.840
21)	B Endrin ke...	6.765	7.801	1751196	22984705	0.963	1.122
22)	Mirex	6.932	8.259	866964	22989530	0.708	1.783 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
Data File : PD052953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Apr 2019 14:26
Operator : AJ\SJ
Sample : K2241-01
Misc : LOD 1 PPB
ALS Vial : 17 Sample Multiplier: 1

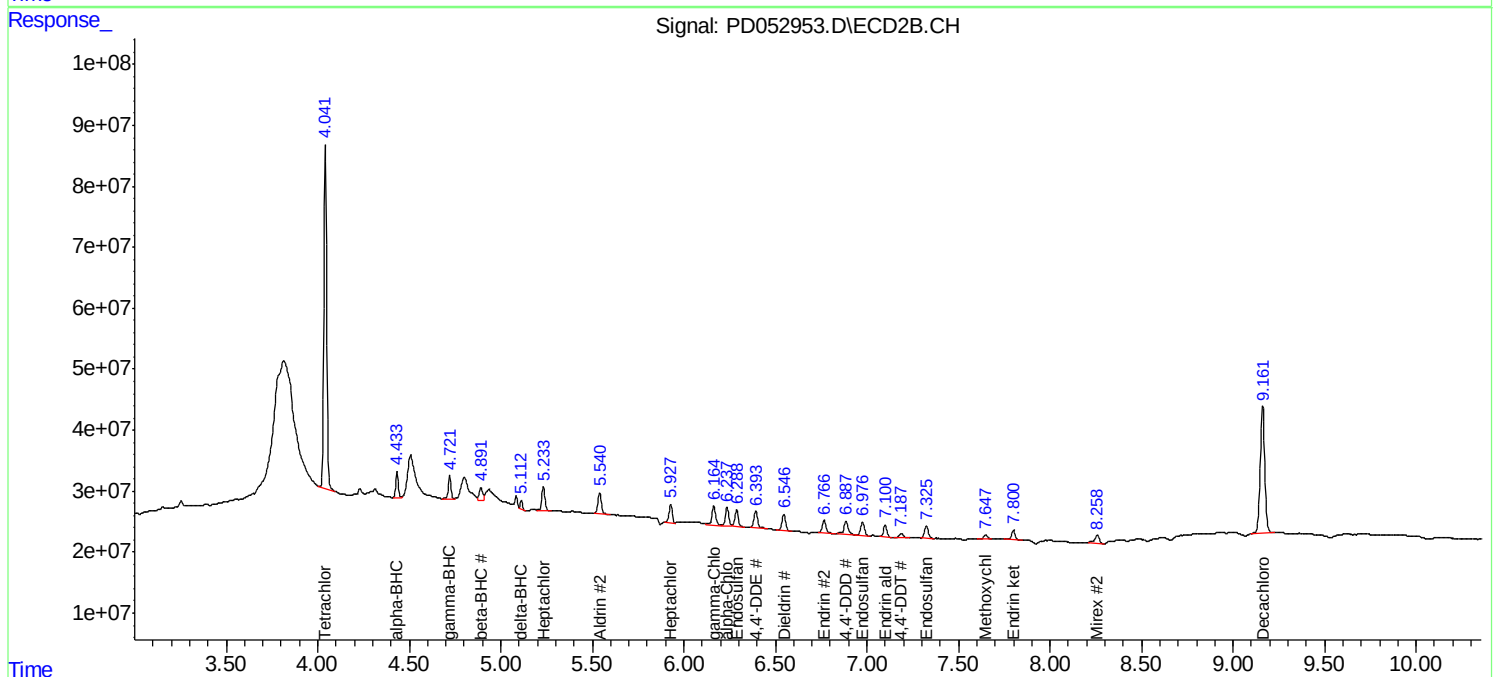
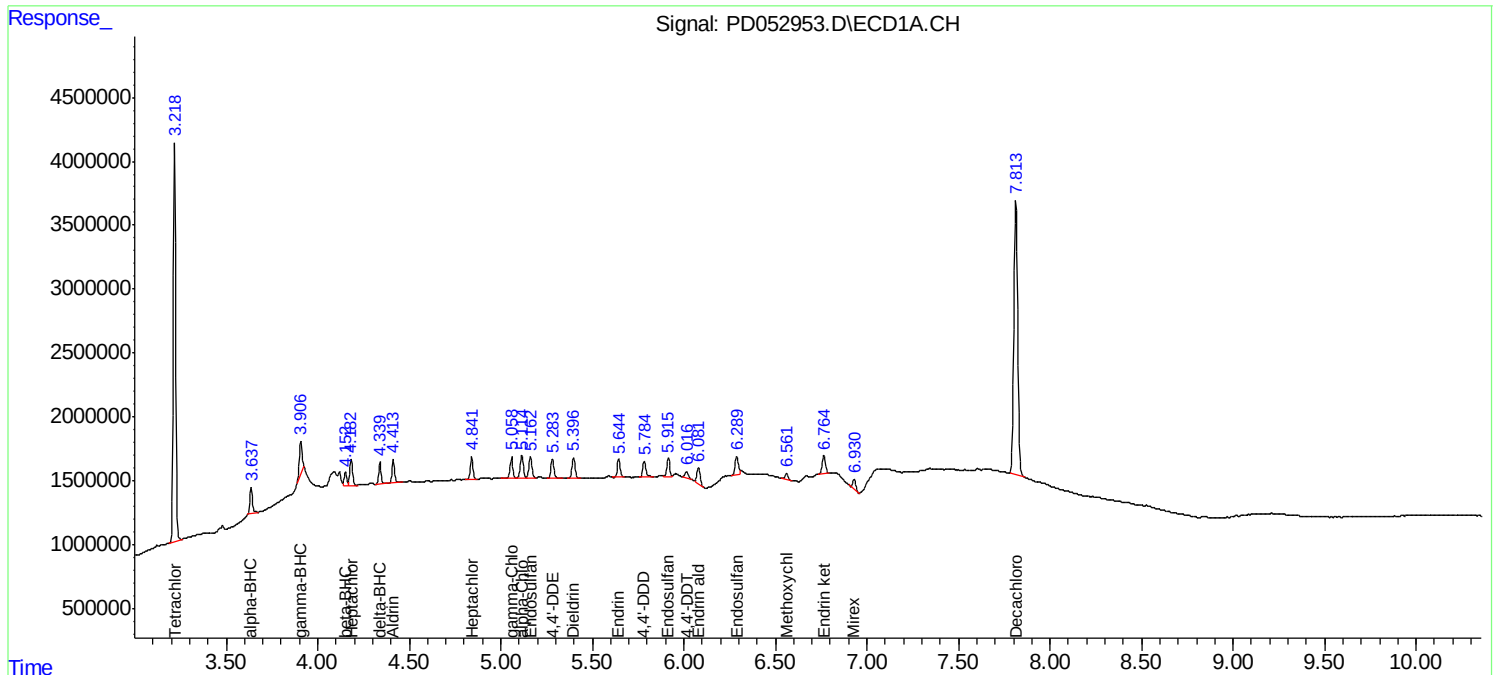
Instrument :
ECD_D
ClientSampled :
LOD-MDL-SOIL-01-QT2-2019

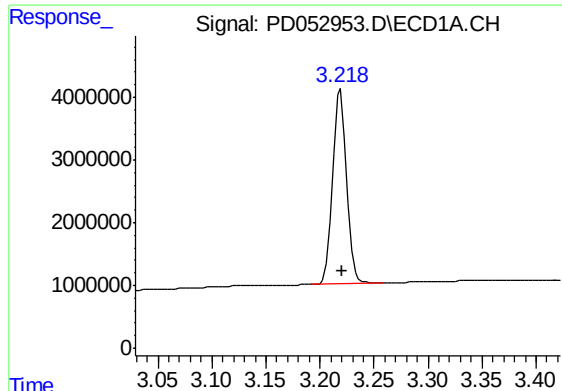
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 02:18:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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





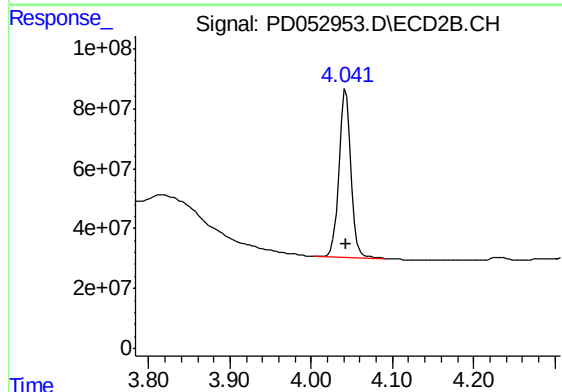
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28091278
Conc: 20.13 ng/ml

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

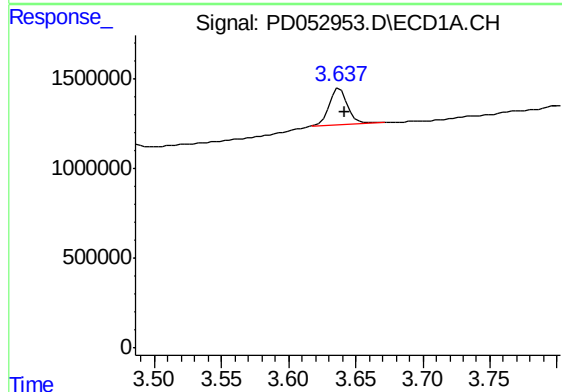
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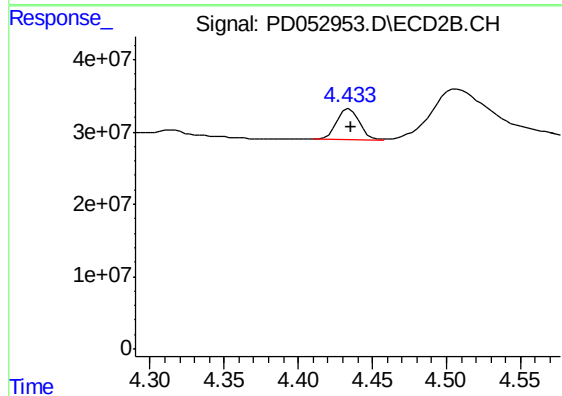
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 583896187
Conc: 20.15 ng/ml



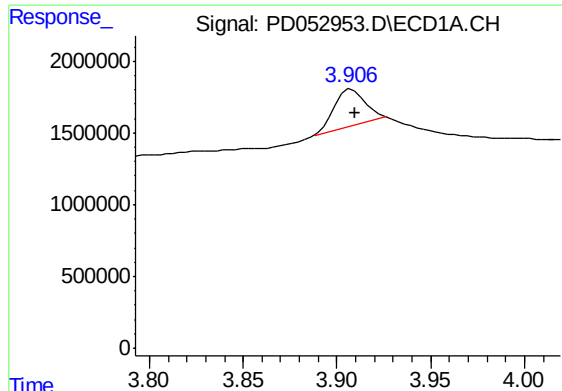
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.003 min
Response: 1934225
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 45727029
Conc: 1.02 ng/ml



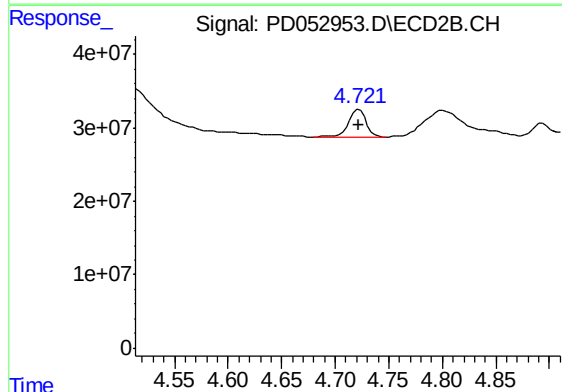
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.004 min
Response: 2995302
Conc: 1.37 ng/ml m

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

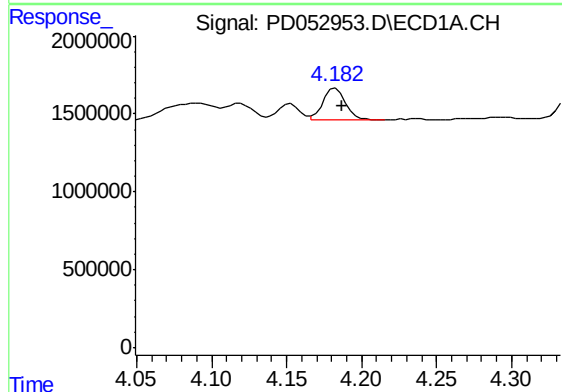
Manual Integrations
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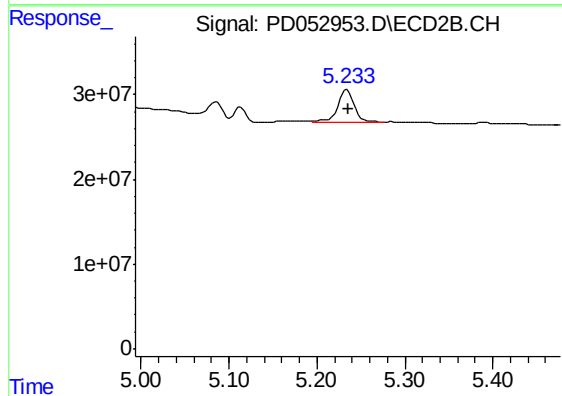
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 44555720
Conc: 1.11 ng/ml



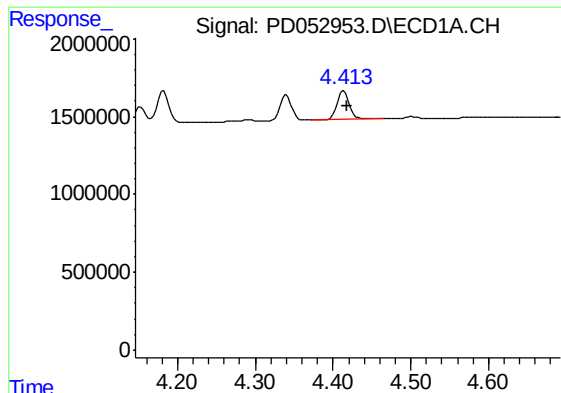
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 2107780
Conc: 0.99 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 50799111
Conc: 1.28 ng/ml



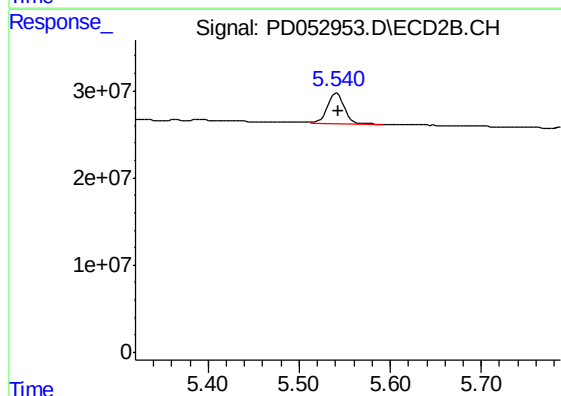
#5 Aldrin

R.T.: 4.414 min
Delta R.T.: -0.004 min
Response: 2129908
Conc: 1.06 ng/ml

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

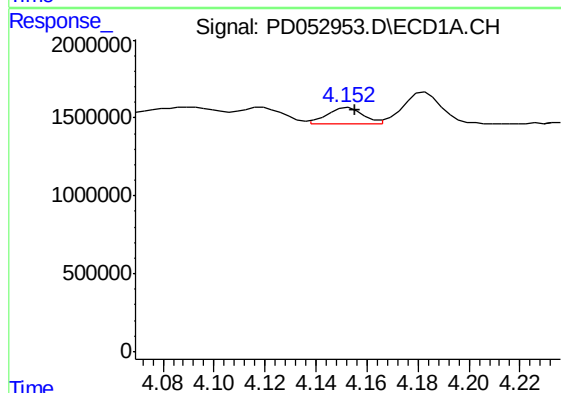
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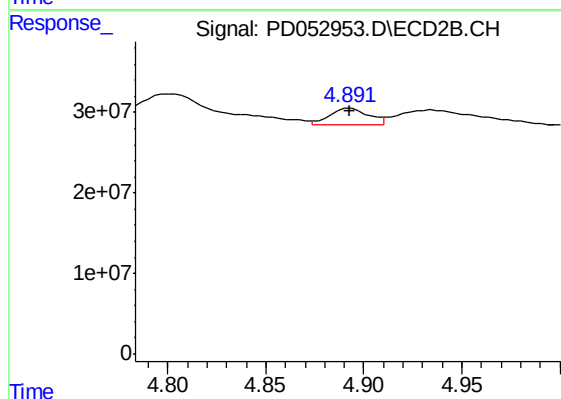
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 44425308
Conc: 1.20 ng/ml



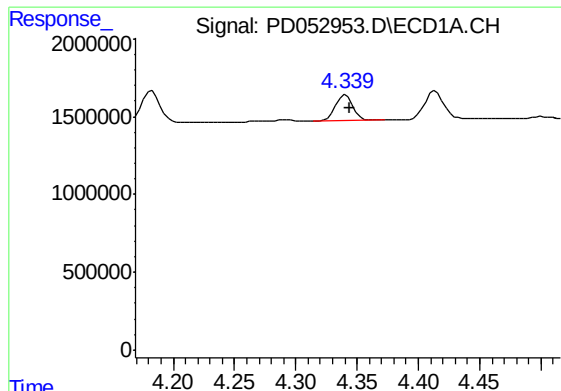
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 1007758
Conc: 1.14 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 27627006
Conc: 1.53 ng/ml



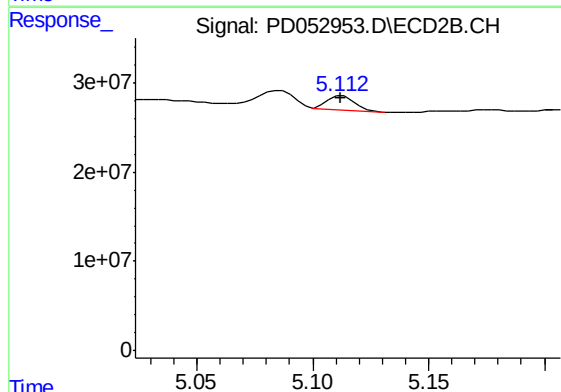
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 1692055
Conc: 0.83 ng/ml

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

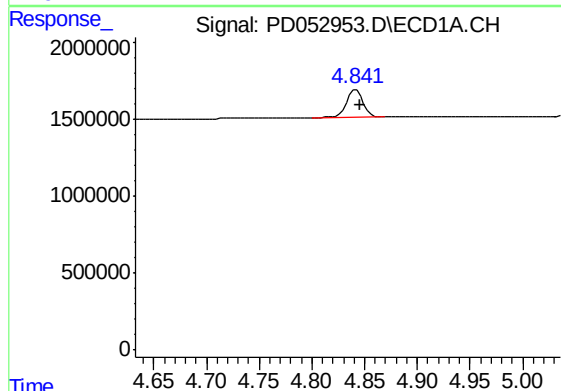
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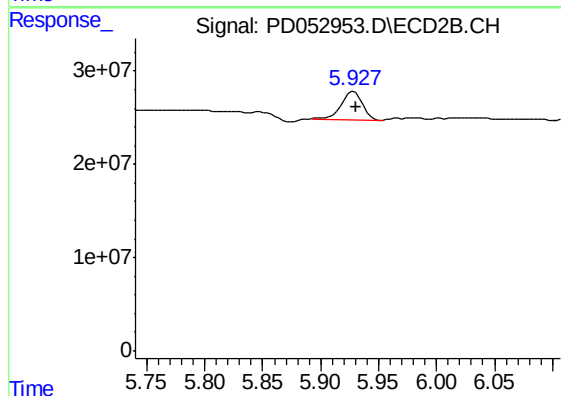
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 13988476
Conc: 0.43 ng/ml m



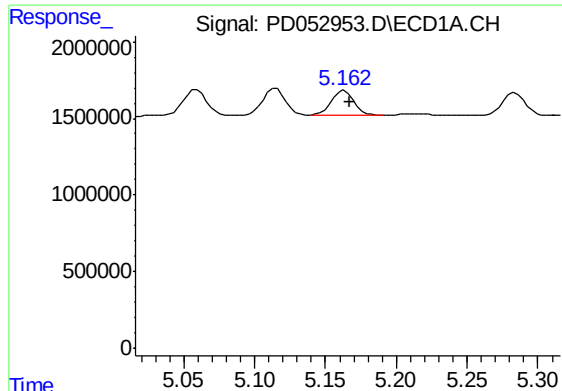
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 1984249
Conc: 1.04 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 37729733
Conc: 1.17 ng/ml



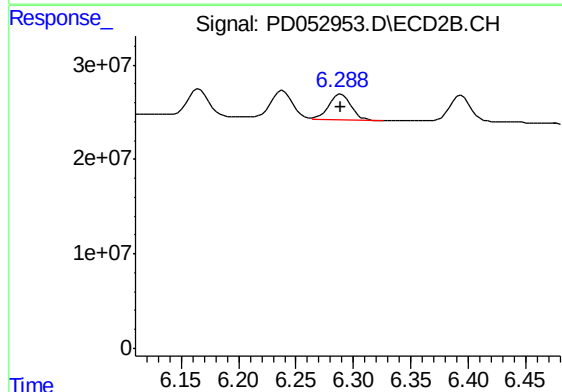
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 1782602
Conc: 1.00 ng/ml

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

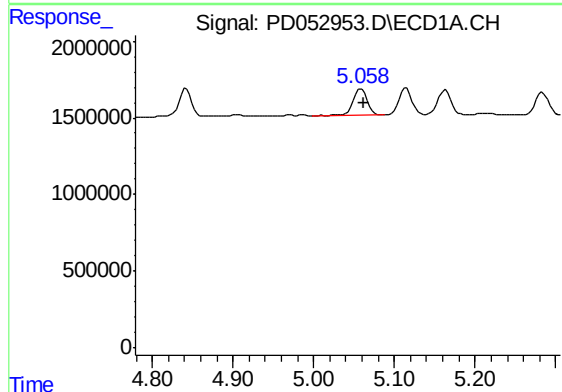
Manual Integrations
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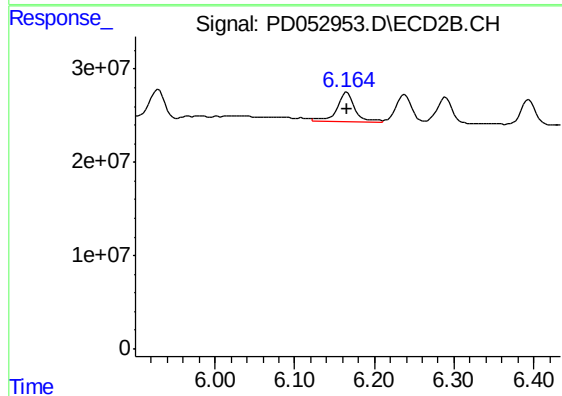
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 37460257
Conc: 1.28 ng/ml



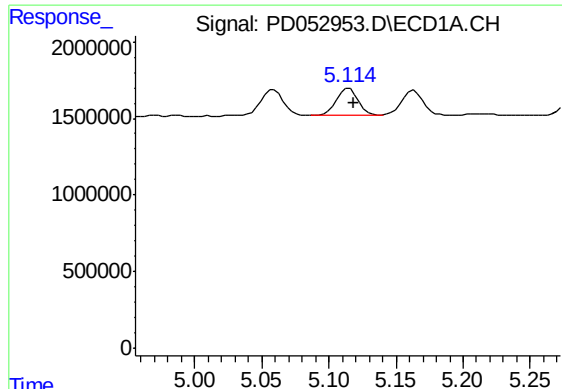
#10 gamma-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.004 min
Response: 1984484
Conc: 1.02 ng/ml



#10 gamma-Chlordane

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 49537372
Conc: 1.55 ng/ml



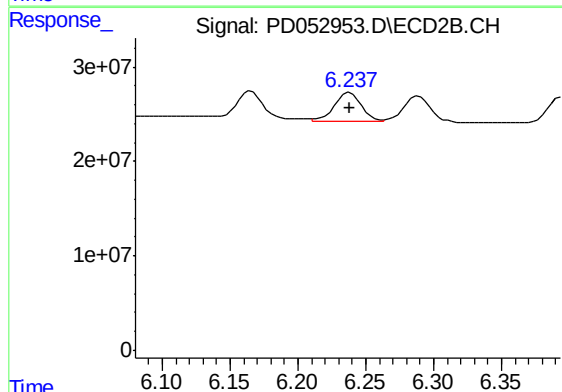
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 2035954
Conc: 1.05 ng/ml

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

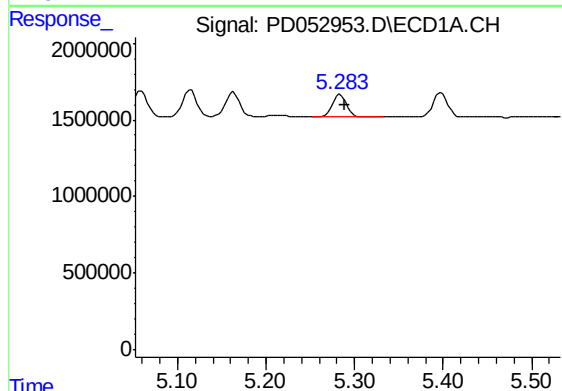
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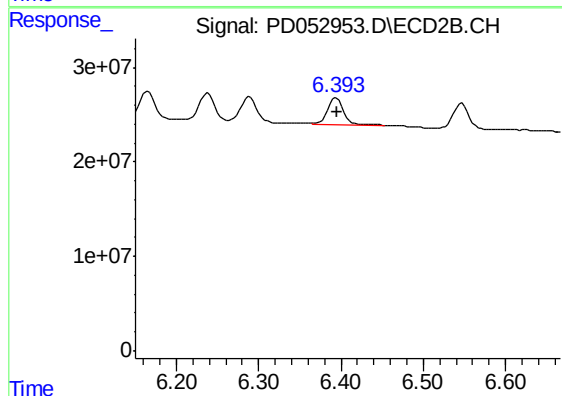
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 40913395
Conc: 1.30 ng/ml



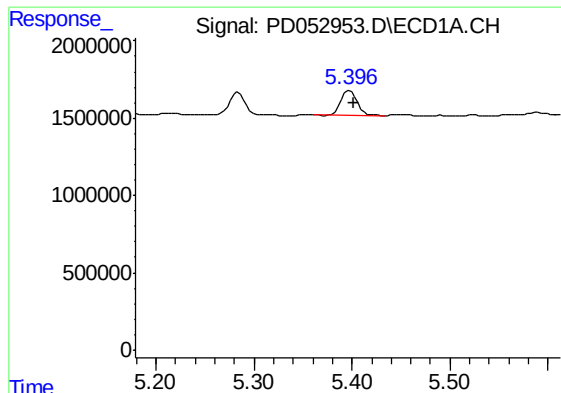
#12 4,4'-DDE

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 1695580
Conc: 0.91 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 36490439
Conc: 1.20 ng/ml



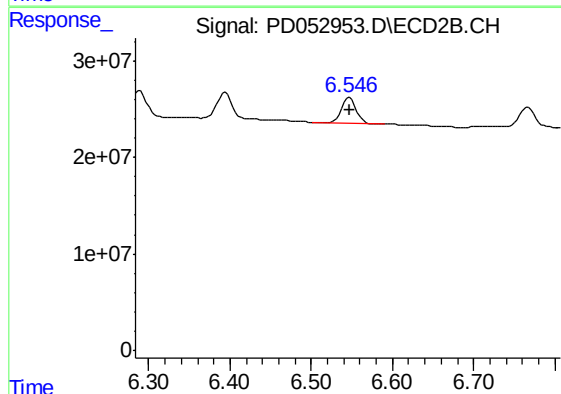
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 1816022
Conc: 0.94 ng/ml

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

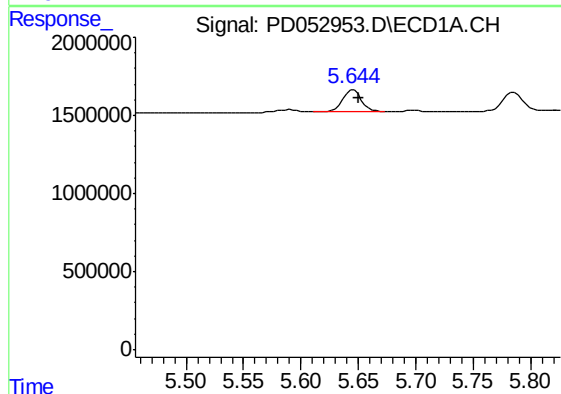
Manual Integrations
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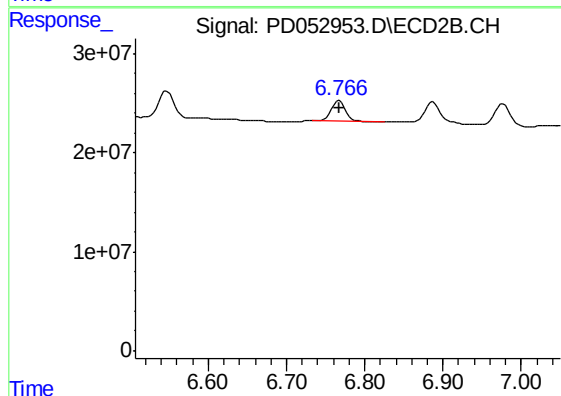
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 34483717
Conc: 1.15 ng/ml



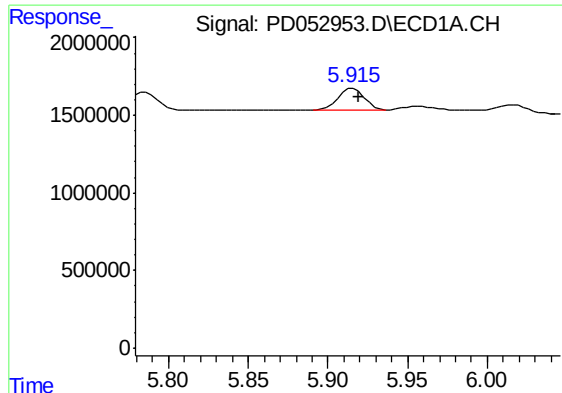
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 1588414
Conc: 0.86 ng/ml



#14 Endrin

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 27954923
Conc: 1.12 ng/ml



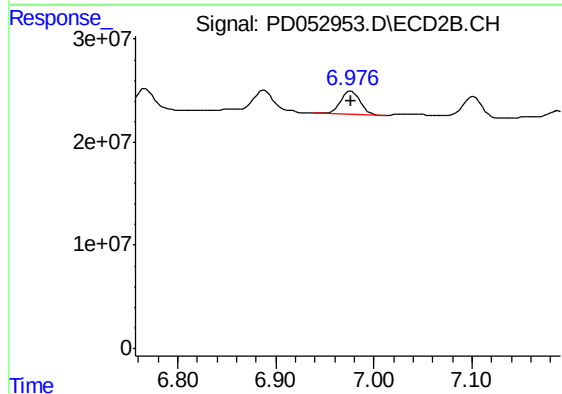
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.005 min
Response: 1606541
Conc: 0.94 ng/ml m

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

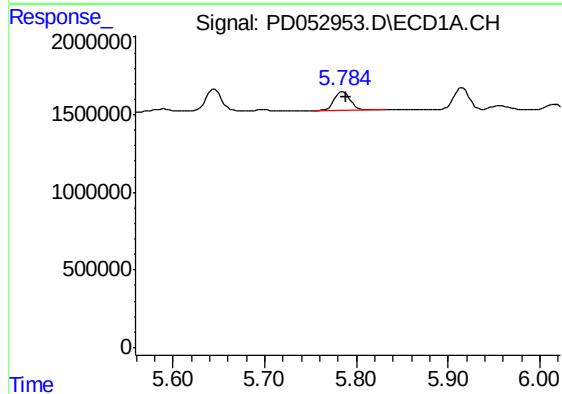
Manual Integrations
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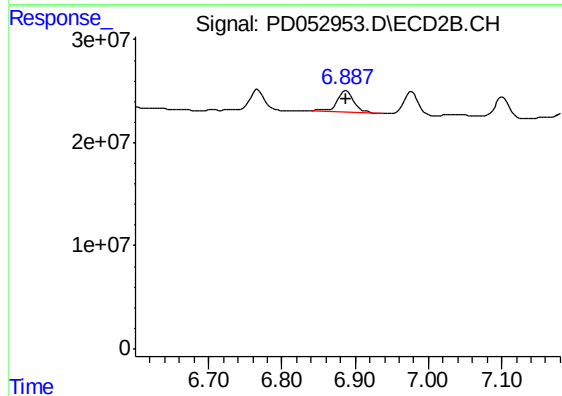
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 30286465
Conc: 1.22 ng/ml



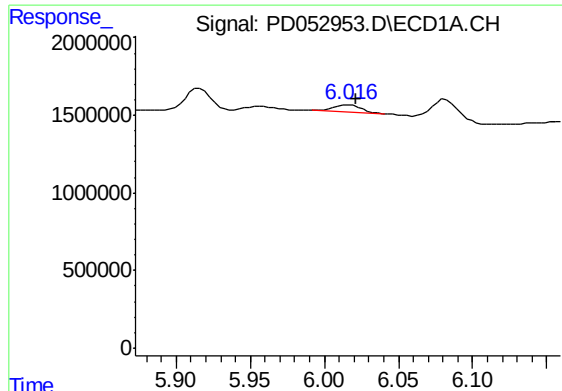
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 1456834
Conc: 0.95 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 31439232
Conc: 1.31 ng/ml



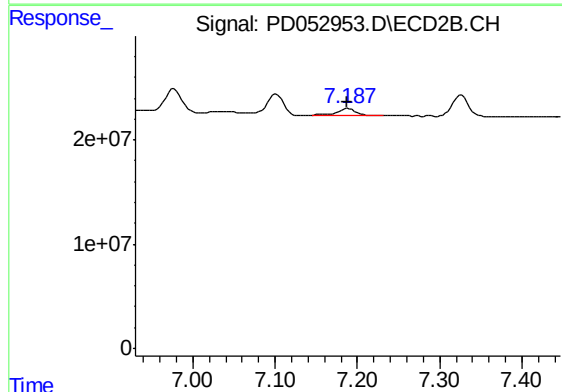
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 614170
Conc: 0.43 ng/ml m

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

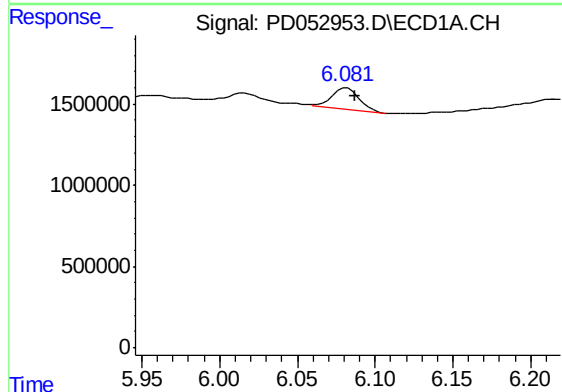
Manual Integrations
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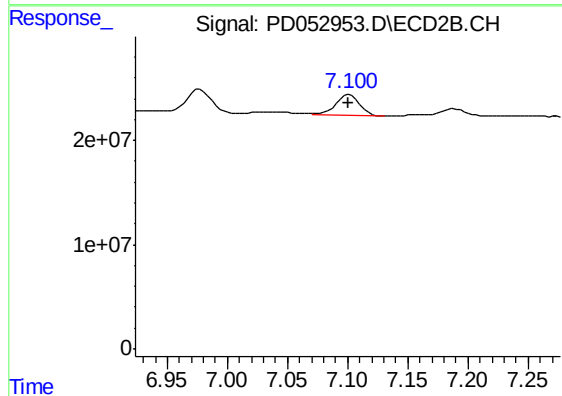
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 10416435
Conc: 0.56 ng/ml



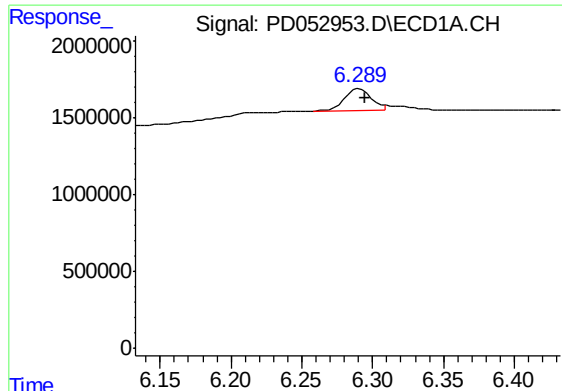
#18 Endrin aldehyde

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 1650638
Conc: 1.15 ng/ml m



#18 Endrin aldehyde

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 26997758
Conc: 1.31 ng/ml



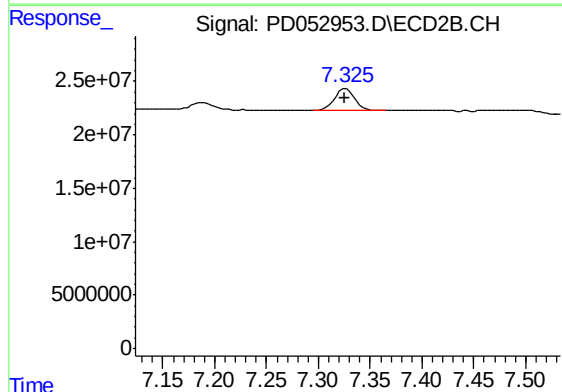
#19 Endosulfan Sulfate

R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 1849284
Conc: 1.21 ng/ml m

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

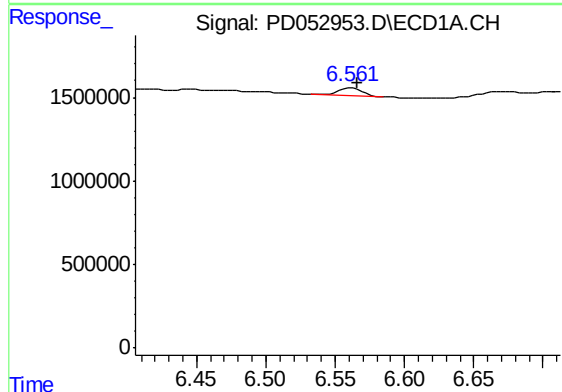
Manual Integrations
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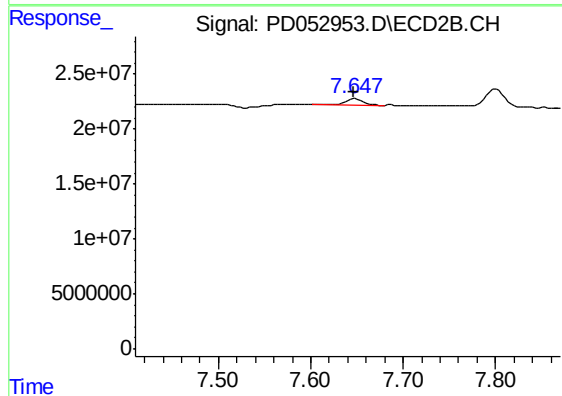
#19 Endosulfan Sulfate

R.T.: 7.327 min
Delta R.T.: 0.001 min
Response: 28216258
Conc: 1.28 ng/ml



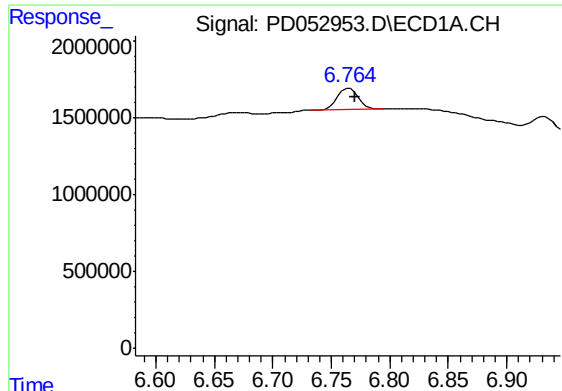
#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.006 min
Response: 630721
Conc: 0.75 ng/ml m



#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: 0.002 min
Response: 8403642
Conc: 0.84 ng/ml



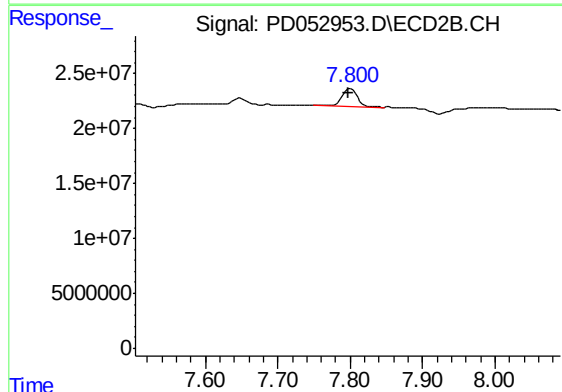
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.004 min
Response: 1751196
Conc: 0.96 ng/ml

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

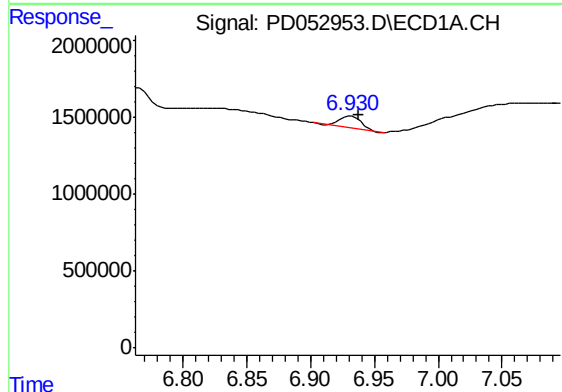
Manual Integrations
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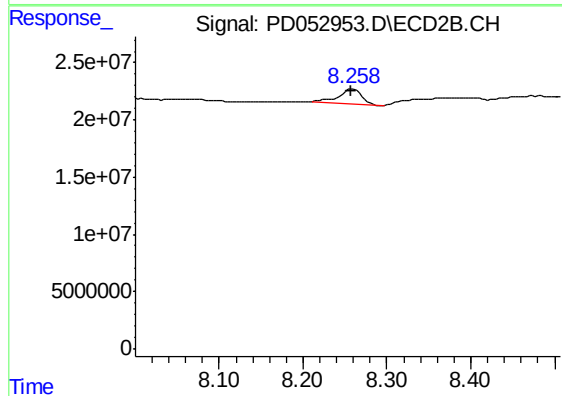
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 22984705
Conc: 1.12 ng/ml



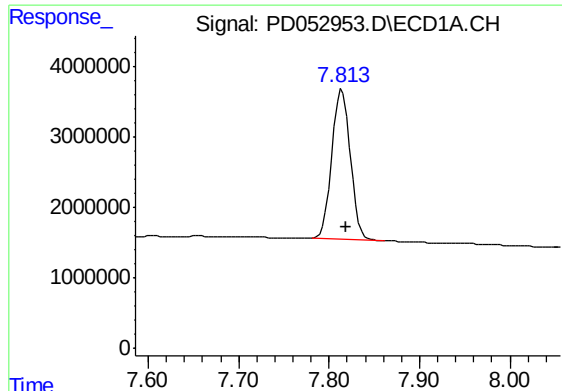
#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.006 min
Response: 866964
Conc: 0.71 ng/ml



#22 Mirex

R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 22989530
Conc: 1.78 ng/ml



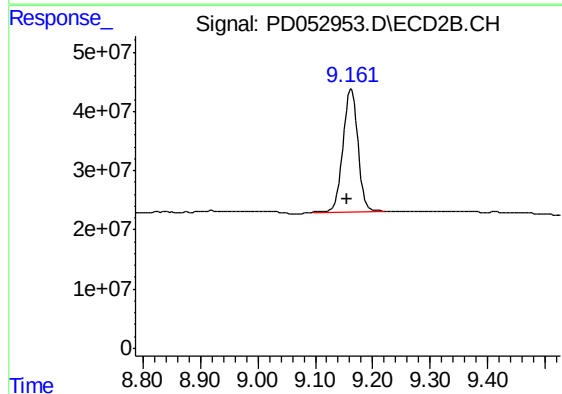
#28 Decachlorobiphenyl

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 30227130
Conc: 22.68 ng/ml

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

Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:25 PM



#28 Decachlorobiphenyl

R.T.: 9.163 min
Delta R.T.: 0.006 min
Response: 377237165
Conc: 24.26 ng/ml