

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
 Data File : PD052968.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Apr 2019 9:52
 Operator : AJ\SJ
 Sample : K2241-03
 Misc : MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 02:04:47 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	4.041	29249037	608.4E6	20.961	20.991
2)	SA Decachlor...	7.813	9.159	30502463	386.5E6	22.887	24.851
Target Compounds							
2)	A alpha-BHC	3.638	4.433	1799430	49635476	0.792	1.103 #
3)	MA gamma-BHC...	3.906	4.720	2924909	54229912	1.338m	1.348
4)	MA Heptachlor	4.183	5.231	2096533	46724442	0.987	1.178m
5)	MB Aldrin	4.412	5.540	1931903	46324449	0.959m	1.251 #
6)	B beta-BHC	4.153	4.891	952237	29156232	1.079	1.611 #
7)	B delta-BHC	4.340	5.109	1671592	20389096	0.820	0.620m
8)	B Heptachlor...	4.841	5.927	2018141	40370724	1.062	1.251
9)	A Endosulfan I	5.163	6.288	1754151	37853630	0.982	1.296 #
10)	B gamma-Chl...	5.057	6.164	1952293	44464487	1.001m	1.390 #
11)	B alpha-Chl...	5.114	6.237	1992504	40223822	1.032	1.281
12)	B 4,4'-DDE	5.283	6.393	1617862	36585266	0.868	1.198 #
13)	MA Dieldrin	5.397	6.546	1854896	35797635	0.959	1.197
14)	MA Endrin	5.644	6.765	1601585	29268187	0.870	1.168 #
15)	B Endosulfa...	5.914	6.975	1595891	31753173	0.930	1.274 #
16)	A 4,4'-DDD	5.784	6.886	1495788	31693708	0.979	1.325 #
17)	MA 4,4'-DDT	6.014	7.186	502307	11480864	0.349m	0.616 #
18)	B Endrin al...	6.081	7.099	1704324	28649609	1.189	1.392
19)	B Endosulfa...	6.289	7.324	1513135	30396224	0.987	1.382 #
20)	A Methoxychlor	6.560	7.647	518645	9381974	0.614m	0.938 #
21)	B Endrin ke...	6.764	7.798	1696283	23669535	0.933	1.155
22)	Mirex	6.930	8.257	904788	23537973	0.739	1.825 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
Data File : PD052968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Apr 2019 9:52
Operator : AJ\SJ
Sample : K2241-03
Misc : MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

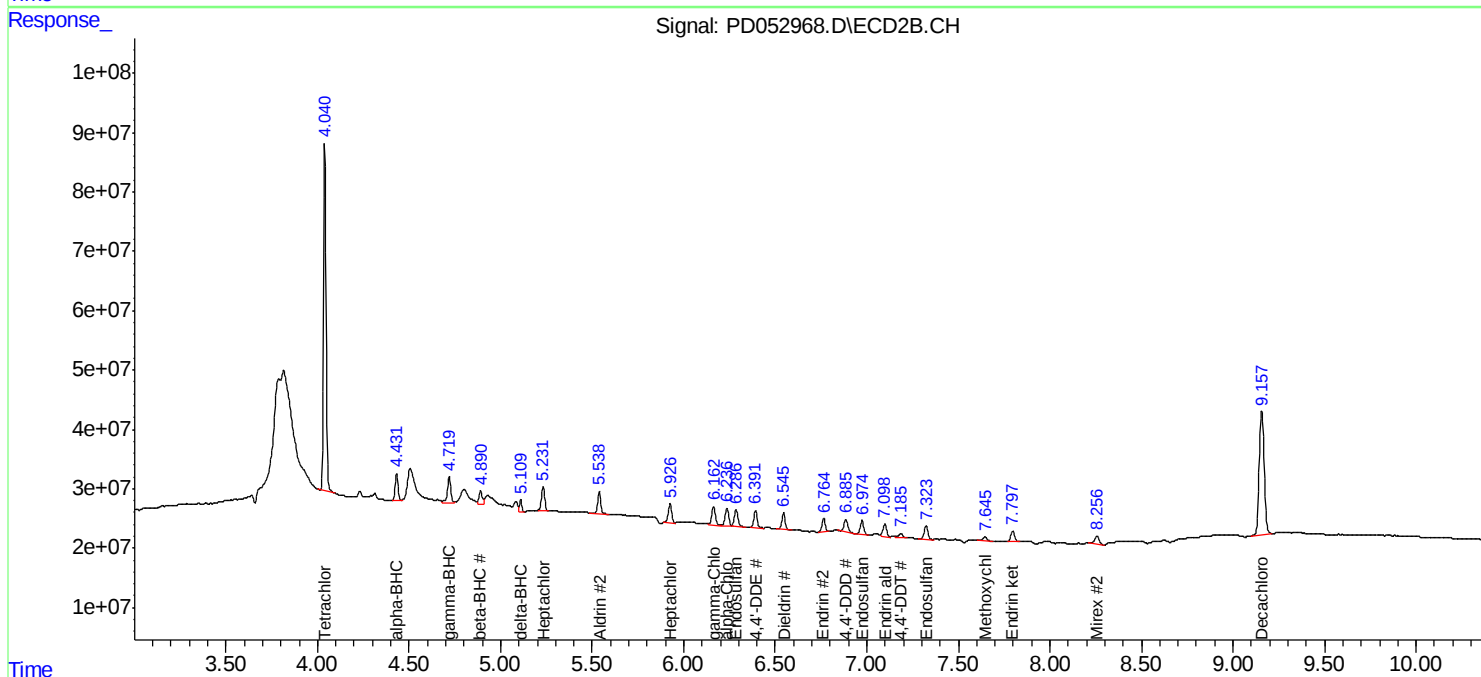
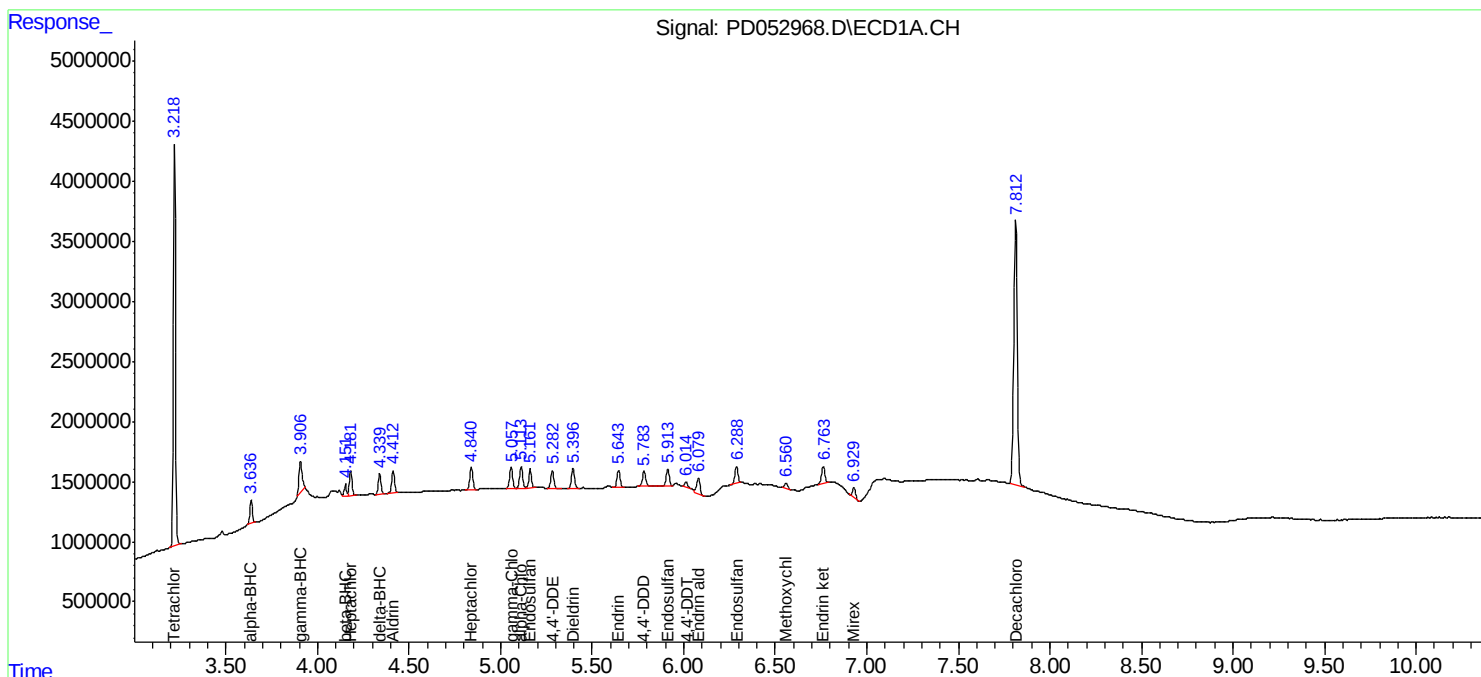
Instrument :
ECD_D
ClientSampled :
MDL-MDL-SOIL-03-QT2-2019

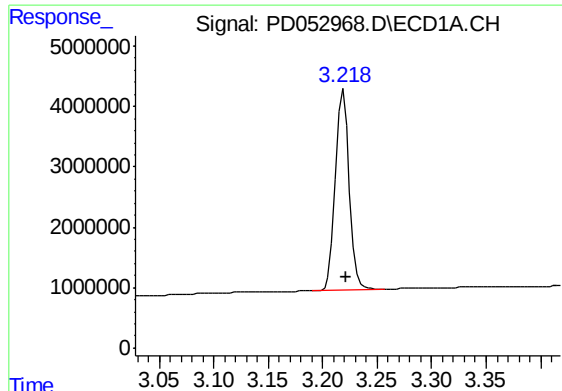
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 02:04:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response 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





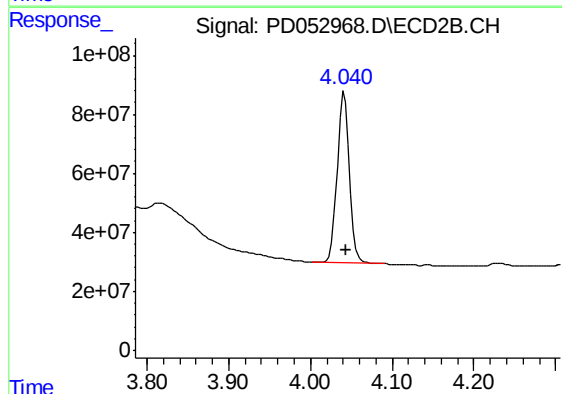
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 29249037
Conc: 20.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

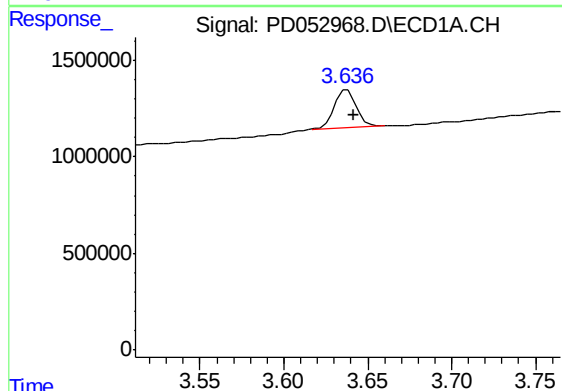
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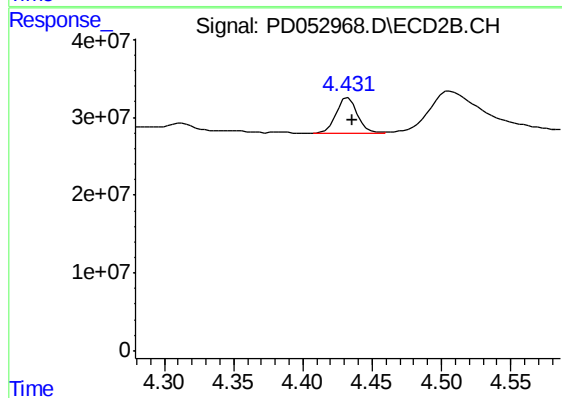
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 608395294
Conc: 20.99 ng/ml



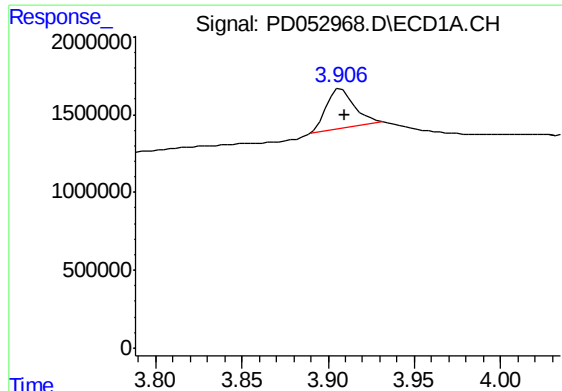
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.004 min
Response: 1799430
Conc: 0.79 ng/ml



#2 alpha-BHC

R.T.: 4.433 min
Delta R.T.: -0.003 min
Response: 49635476
Conc: 1.10 ng/ml



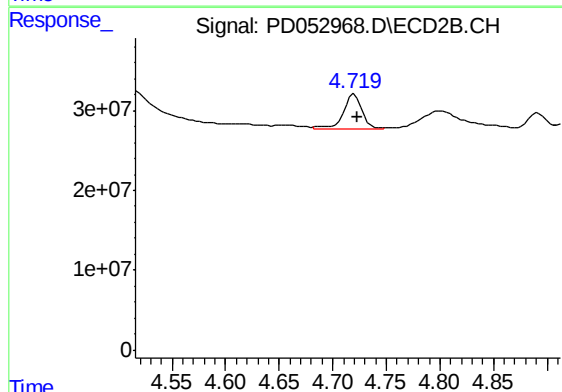
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.004 min
Response: 2924909
Conc: 1.34 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

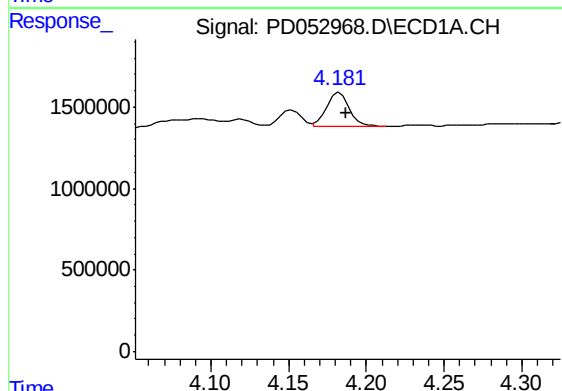
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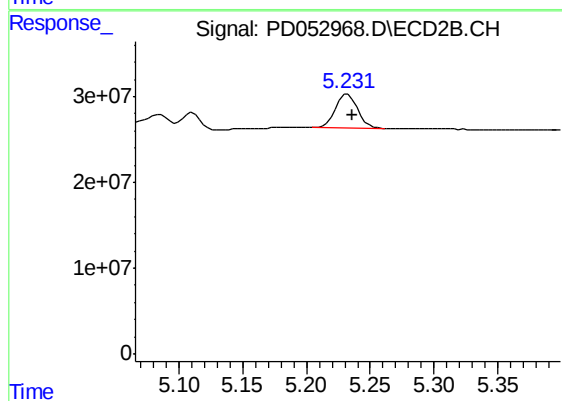
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 54229912
Conc: 1.35 ng/ml



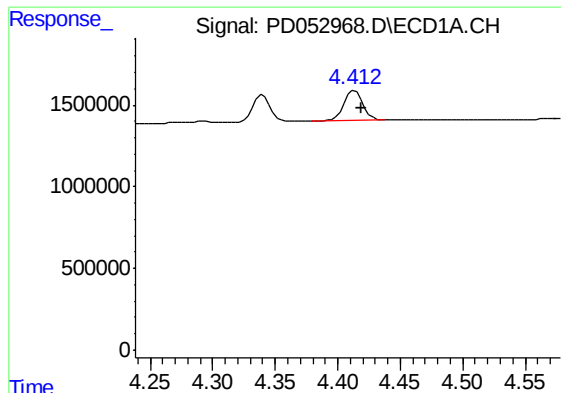
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 2096533
Conc: 0.99 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 46724442
Conc: 1.18 ng/ml m



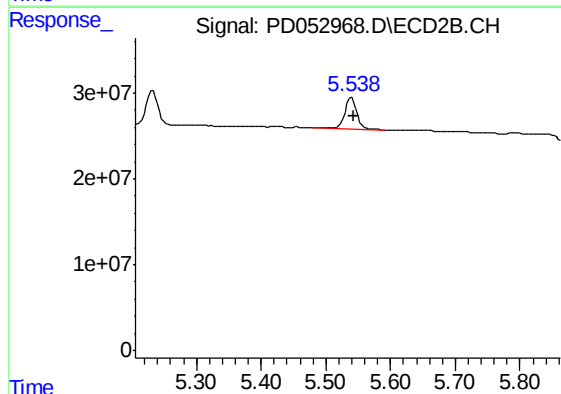
#5 Aldrin

R.T.: 4.412 min
Delta R.T.: -0.006 min
Response: 1931903
Conc: 0.96 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

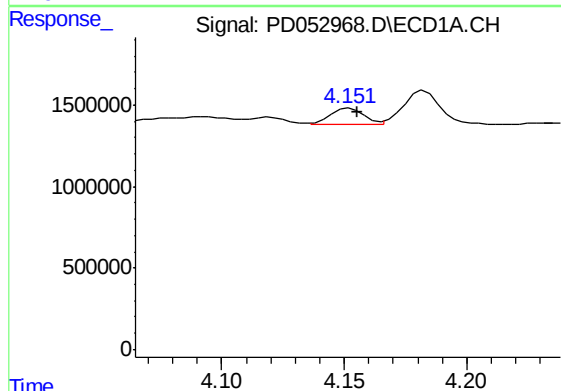
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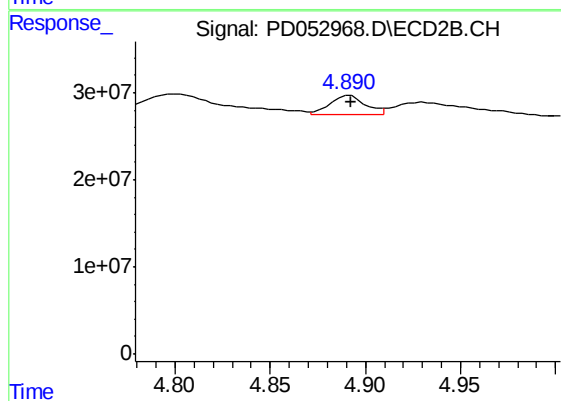
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 46324449
Conc: 1.25 ng/ml



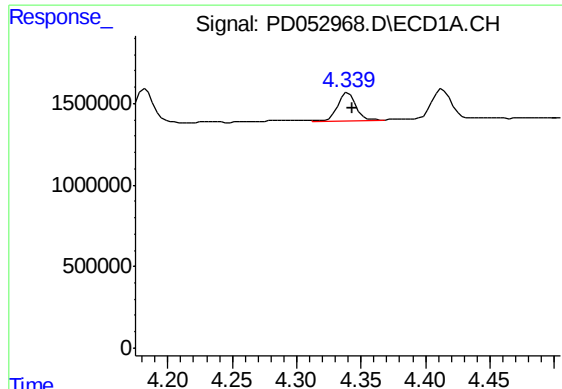
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 952237
Conc: 1.08 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: -0.001 min
Response: 29156232
Conc: 1.61 ng/ml



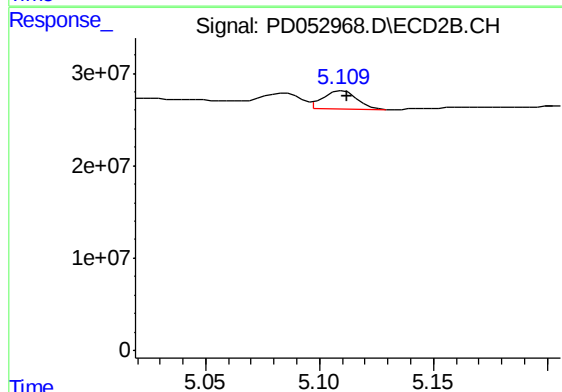
#7 delta-BHC

R.T.: 4.340 min
Delta R.T.: -0.004 min
Response: 1671592
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

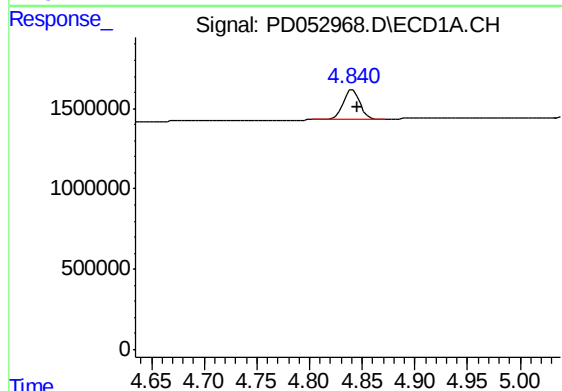
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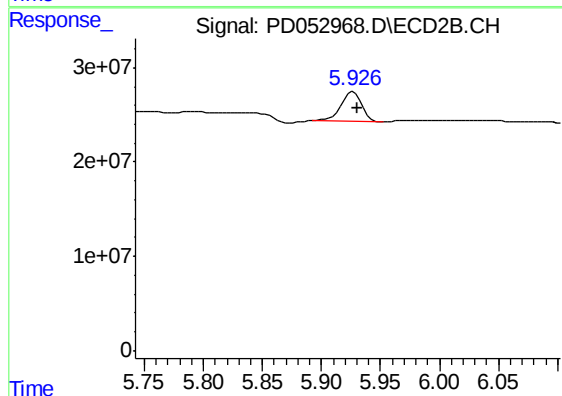
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 20389096
Conc: 0.62 ng/ml m



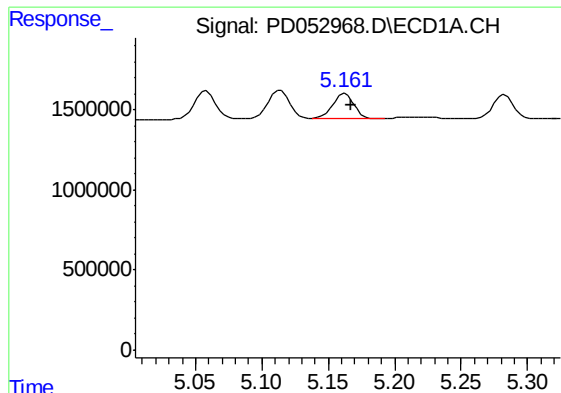
#8 Heptachlor epoxide

R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 2018141
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 40370724
Conc: 1.25 ng/ml



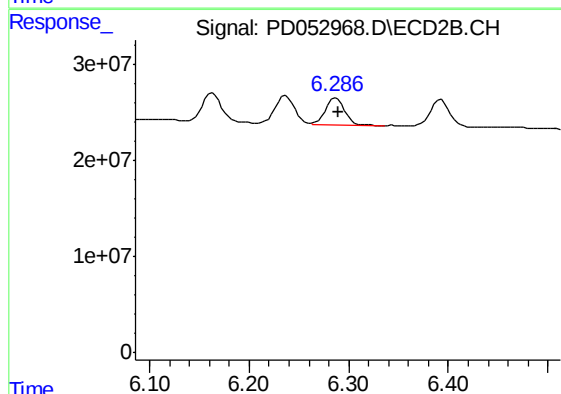
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 1754151
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

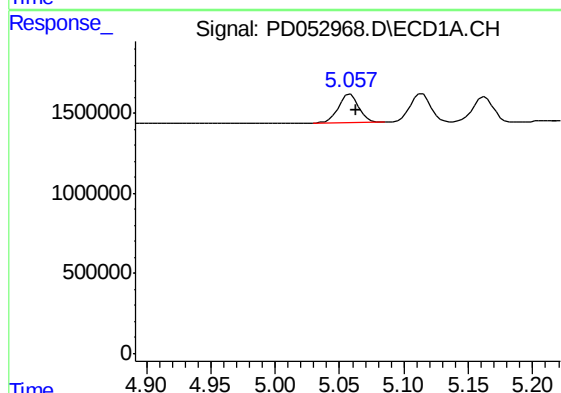
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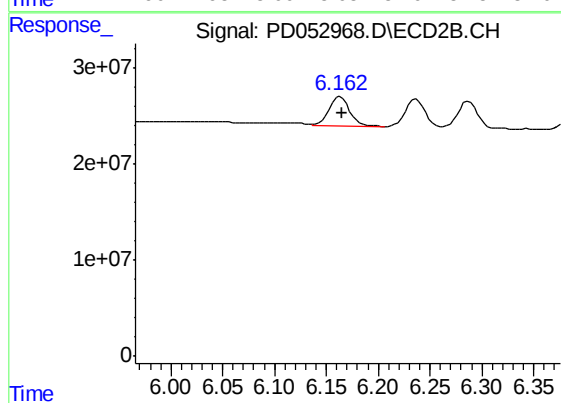
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 37853630
Conc: 1.30 ng/ml



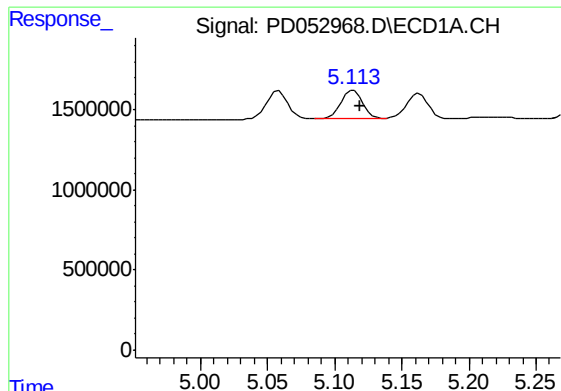
#10 gamma-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.006 min
Response: 1952293
Conc: 1.00 ng/ml m



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 44464487
Conc: 1.39 ng/ml



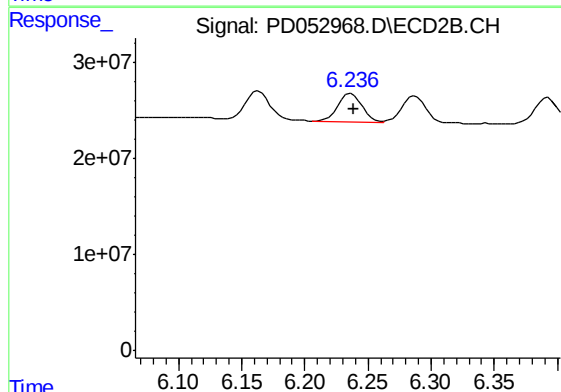
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 1992504
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

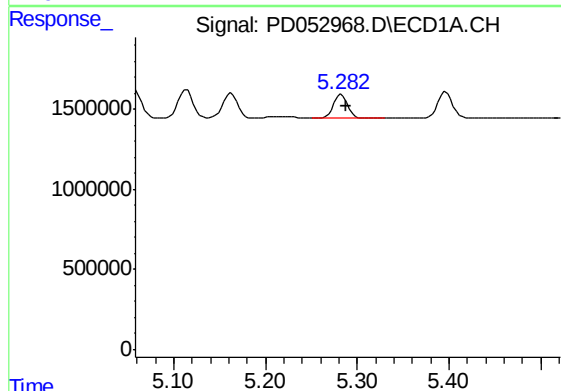
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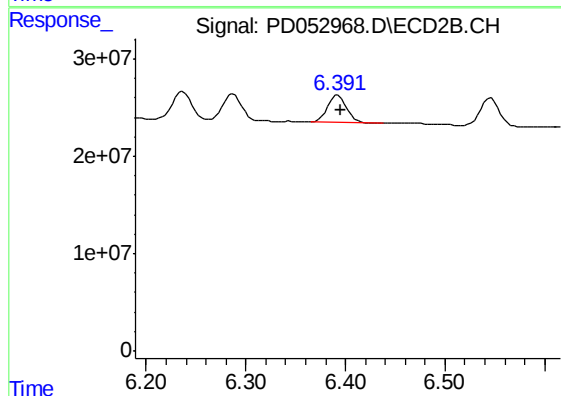
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 40223822
Conc: 1.28 ng/ml



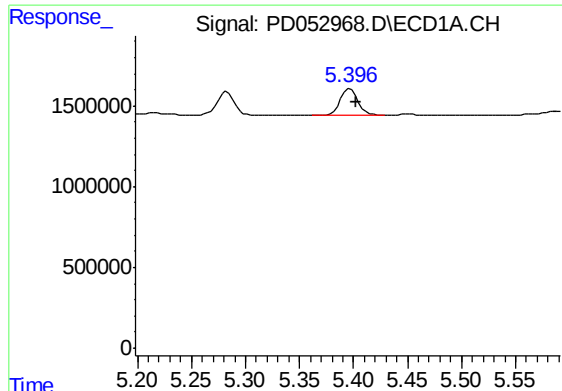
#12 4,4'-DDE

R.T.: 5.283 min
Delta R.T.: -0.005 min
Response: 1617862
Conc: 0.87 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 36585266
Conc: 1.20 ng/ml



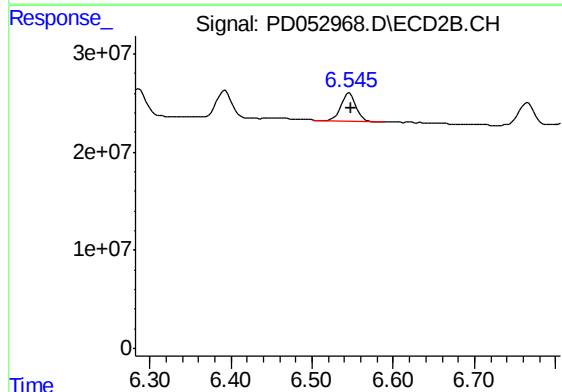
#13 Dielddrin

R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 1854896
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

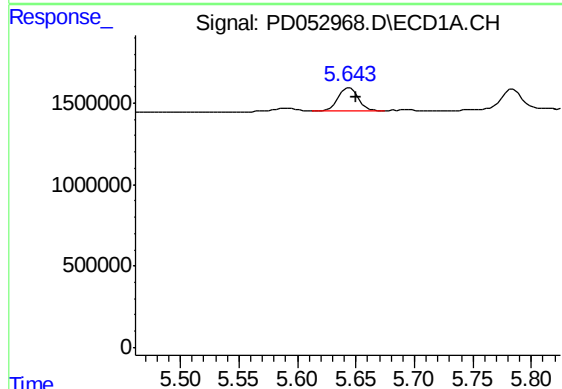
Manual Integrations
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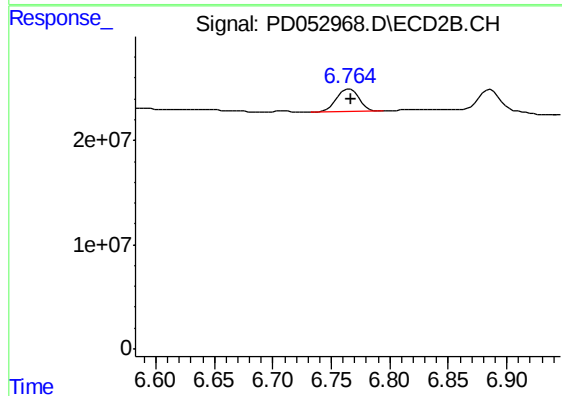
#13 Dielddrin

R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 35797635
Conc: 1.20 ng/ml



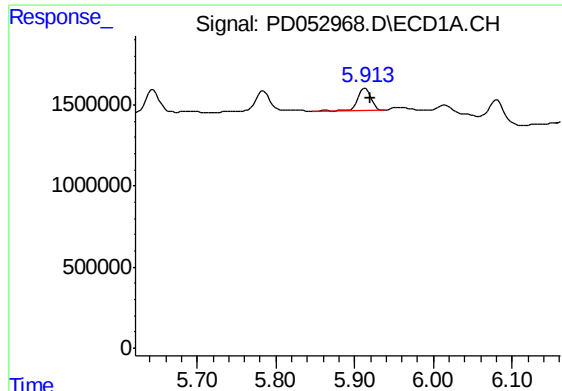
#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.006 min
Response: 1601585
Conc: 0.87 ng/ml



#14 Endrin

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 29268187
Conc: 1.17 ng/ml



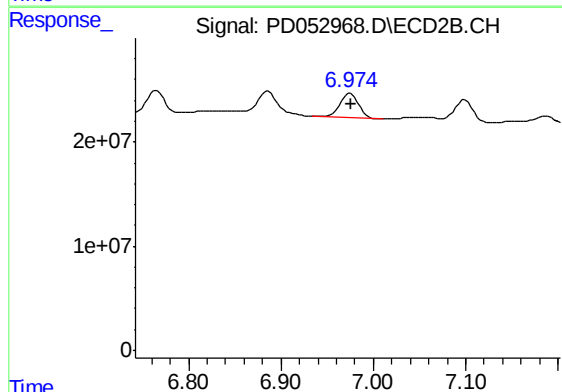
#15 Endosulfan II

R.T.: 5.914 min
Delta R.T.: -0.005 min
Response: 1595891
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

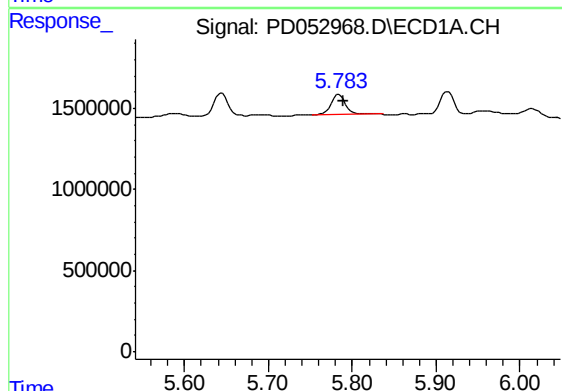
Manual Integrations
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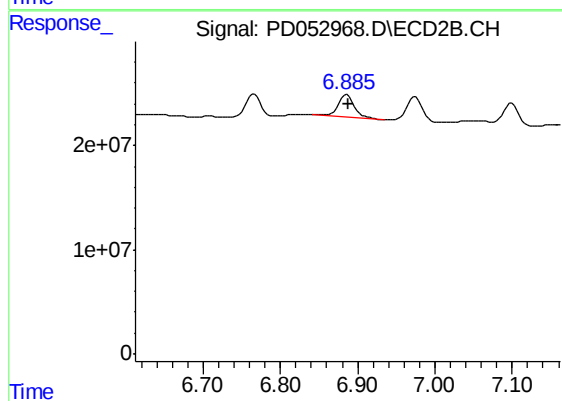
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 31753173
Conc: 1.27 ng/ml



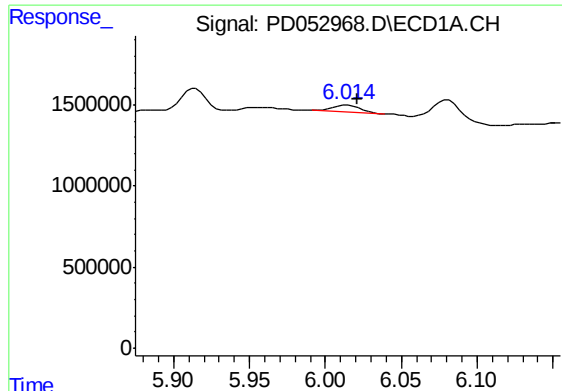
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.005 min
Response: 1495788
Conc: 0.98 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 31693708
Conc: 1.33 ng/ml



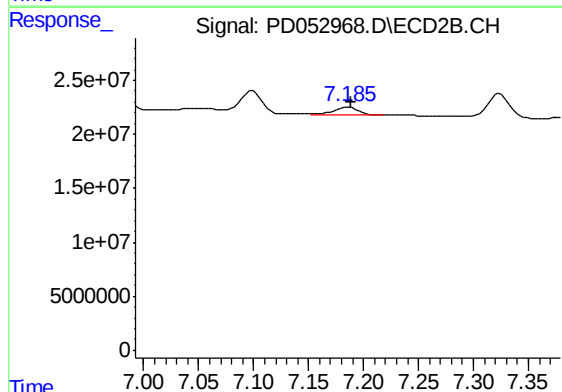
#17 4,4'-DDT

R.T.: 6.014 min
Delta R.T.: -0.007 min
Response: 502307
Conc: 0.35 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

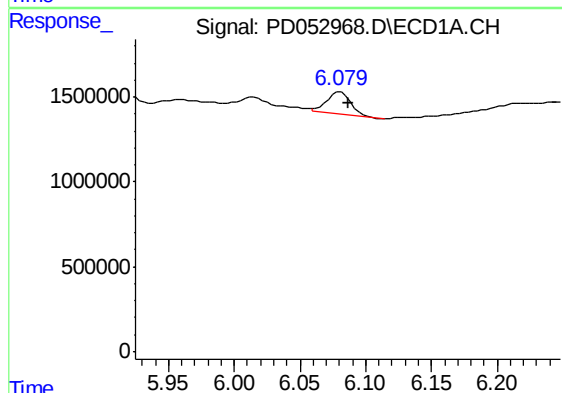
Manual Integrations
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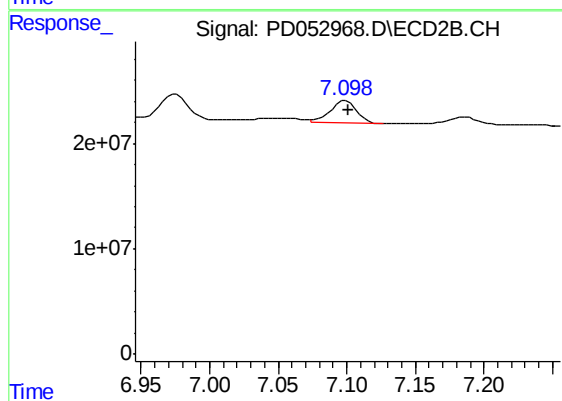
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 11480864
Conc: 0.62 ng/ml



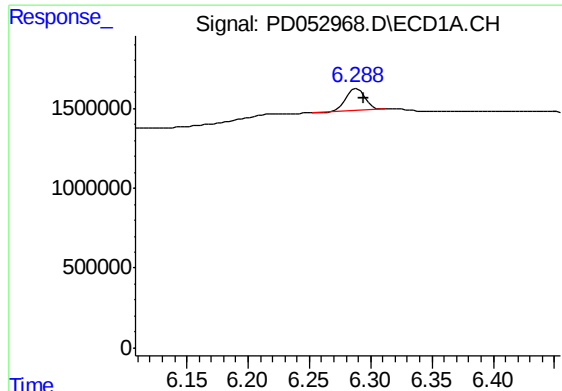
#18 Endrin aldehyde

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 1704324
Conc: 1.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 28649609
Conc: 1.39 ng/ml



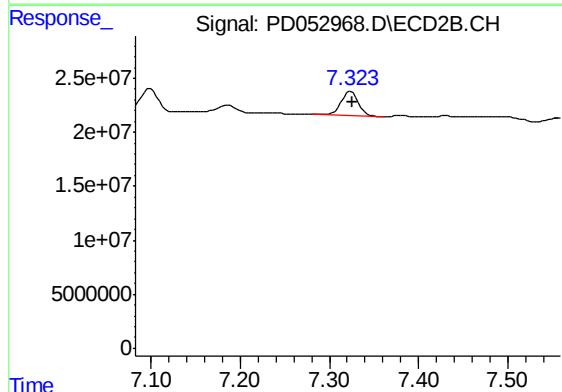
#19 Endosulfan Sulfate

R.T.: 6.289 min
Delta R.T.: -0.006 min
Response: 1513135
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

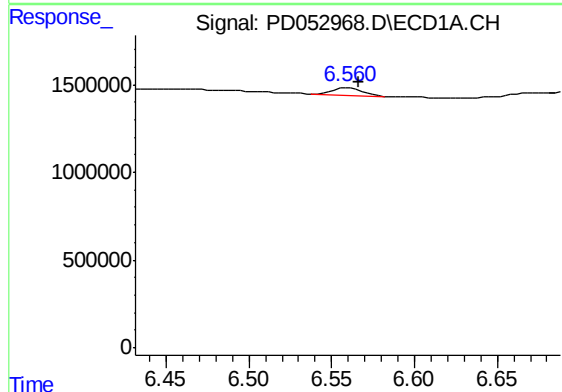
Manual Integrations
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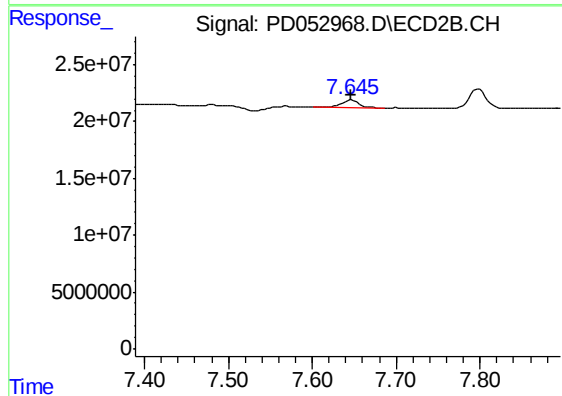
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 30396224
Conc: 1.38 ng/ml



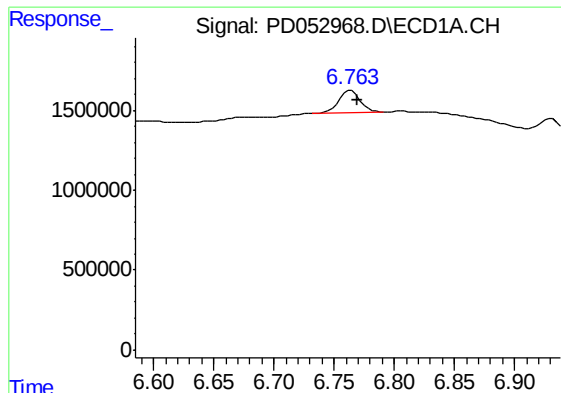
#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 518645
Conc: 0.61 ng/ml m



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 9381974
Conc: 0.94 ng/ml



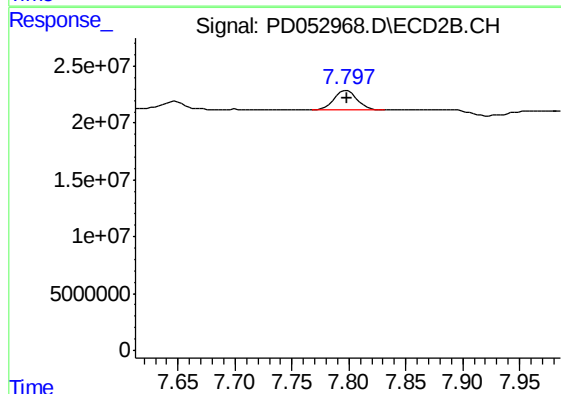
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.006 min
Response: 1696283
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

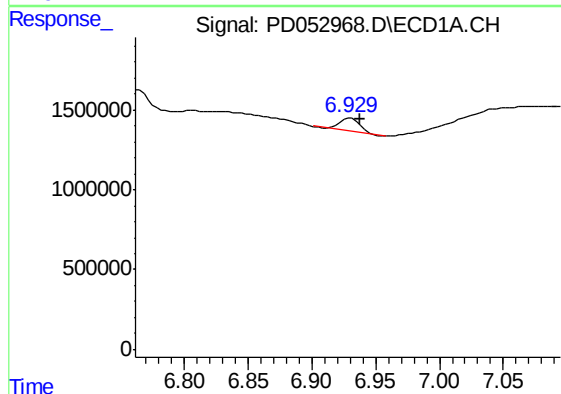
Manual Integrations
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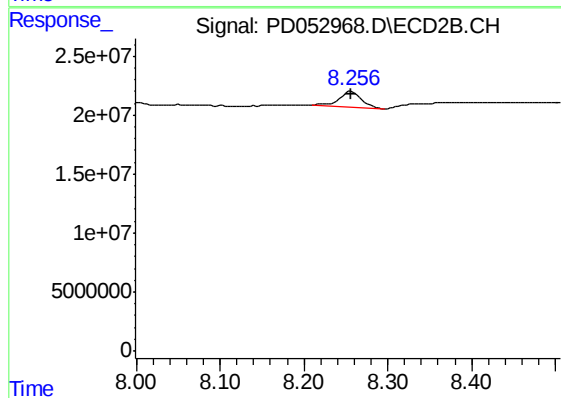
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 23669535
Conc: 1.16 ng/ml



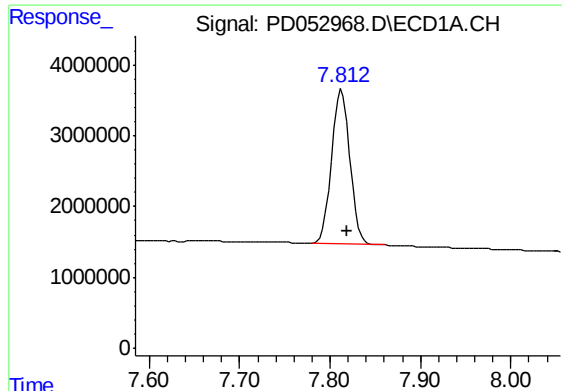
#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.007 min
Response: 904788
Conc: 0.74 ng/ml



#22 Mirex

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 23537973
Conc: 1.83 ng/ml



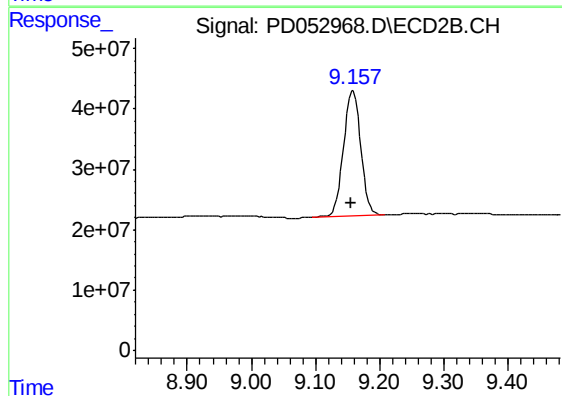
#28 Decachlorobiphenyl

R.T.: 7.813 min
Delta R.T.: -0.005 min
Response: 30502463
Conc: 22.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Manual Integrations
APPROVED

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4/18/2019 10:46:17 AM



#28 Decachlorobiphenyl

R.T.: 9.159 min
Delta R.T.: 0.002 min
Response: 386471835
Conc: 24.85 ng/ml