

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072419\
 Data File : PD054084.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 10:55
 Operator : SM\AJ
 Sample : K3591-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 07:57:20 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	3.981	14321640	22452259	24.884	25.774m
28)	SA Decachlor...	8.008	9.024	15204706	21299321	22.587	22.975
Target Compounds							
2)	A alpha-BHC	3.742	4.369	939544	1404494	1.085	1.113
3)	MA gamma-BHC...	4.019	4.652	1162182	1341818	1.417	1.094
4)	MA Heptachlor	4.307	5.160	787069	1605460	1.080	1.282
5)	MB Aldrin	4.548	5.465	918605	1082274	1.156	0.880
6)	B beta-BHC	4.267	4.819	390758	620709	1.109m	1.109
7)	B delta-BHC	4.465	5.033	797095	1245260	0.951m	0.962m
8)	B Heptachlor...	4.985	5.847	919895	1419658	1.213m	1.174
9)	A Endosulfan I	5.319	6.202	856958	1405615	1.153	1.210
10)	B gamma-Chl...	5.209	6.079	955351	1442630	1.175	1.095m
11)	B alpha-Chl...	5.267	6.152	977249	1465660	1.206	1.129m
12)	B 4,4'-DDE	5.436	6.308	769856	1320440	0.972	1.075
13)	MA Dieldrin	5.560	6.459	944975	1382869	1.164	1.101
14)	MA Endrin	5.812	6.675	739234	1133488	0.987m	1.081
15)	B Endosulfa...	6.085	6.882	731257	1341017	0.977m	1.160
16)	A 4,4'-DDD	5.948	6.795	618273	1091287	1.033	1.080
17)	MA 4,4'-DDT	6.187	7.094	257954	913221	0.448	0.927 #
18)	B Endrin al...	6.256	7.005	877897	1183995	1.382	1.191
19)	B Endosulfa...	6.467	7.225	1061580	1333702	1.510	1.227m
20)	A Methoxychlor	6.736	7.549	245394	562512	0.859	1.048
21)	B Endrin ke...	6.954	7.697	521171	1346971	0.650	1.108 #
22)	Mirex	7.129	8.152	688614	1055965	1.058	1.146

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072419\
Data File : PD054084.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Jul 2019 10:55
Operator : SM\AJ
Sample : K3591-03
Misc : PEST MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

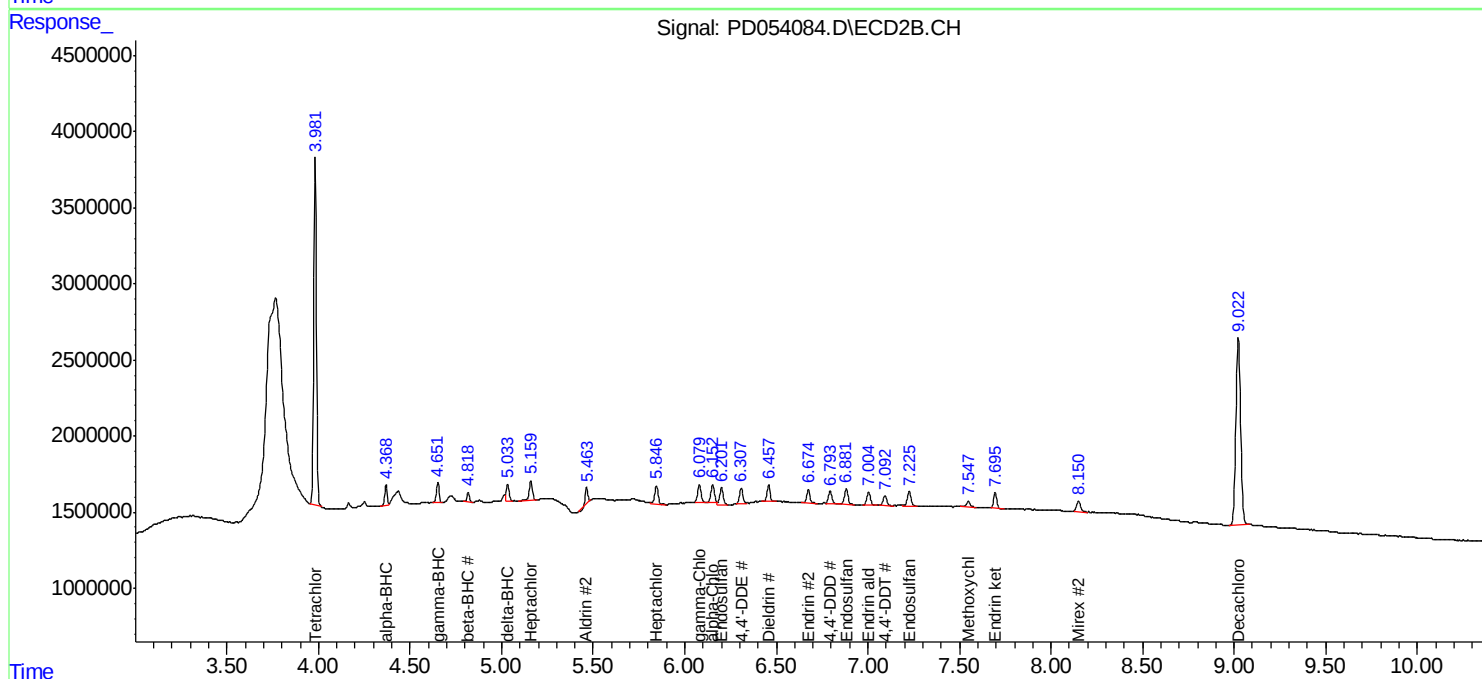
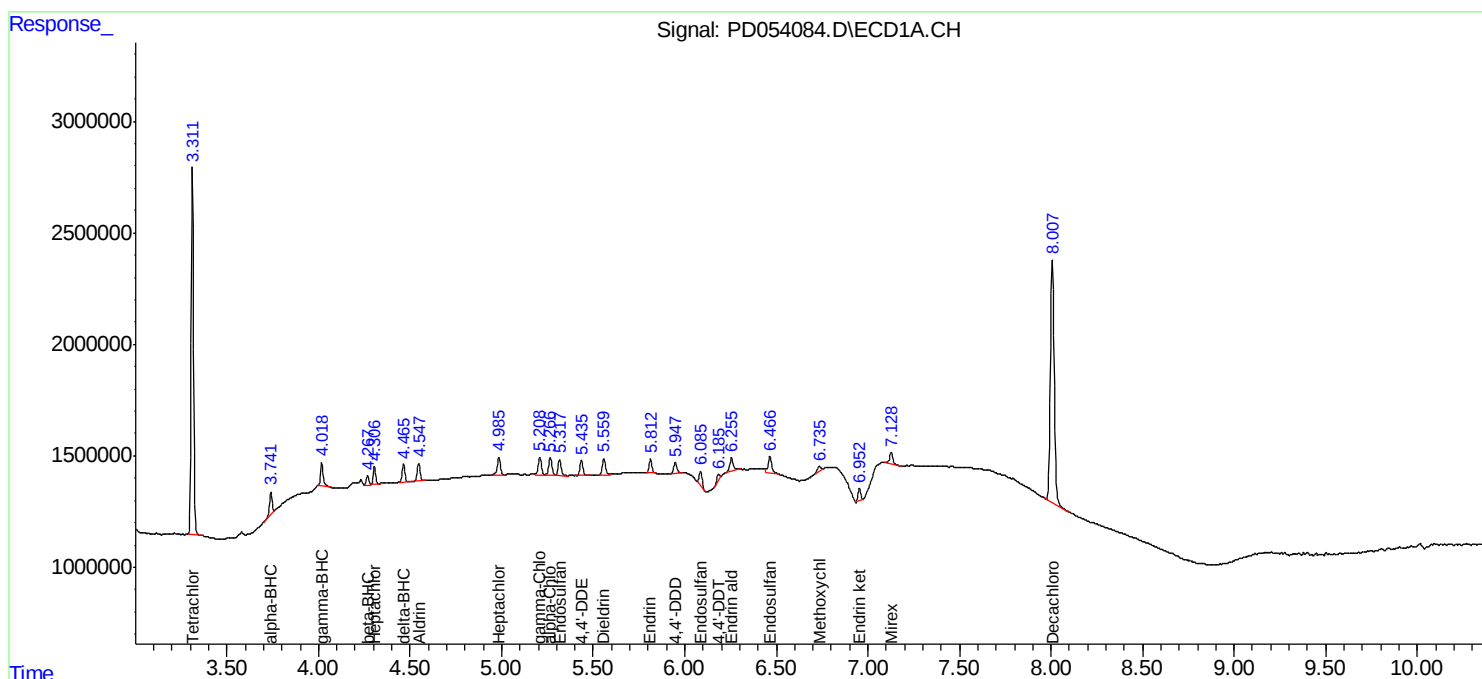
Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

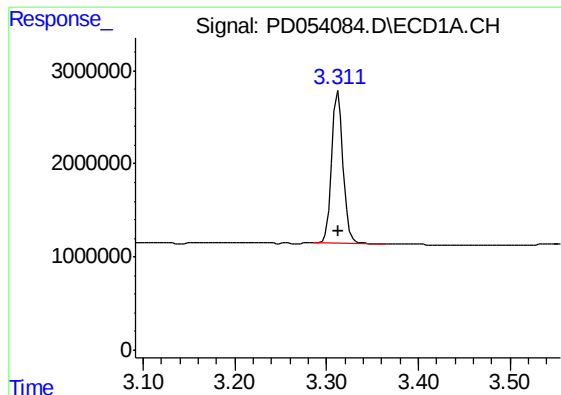
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:57:20 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response 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





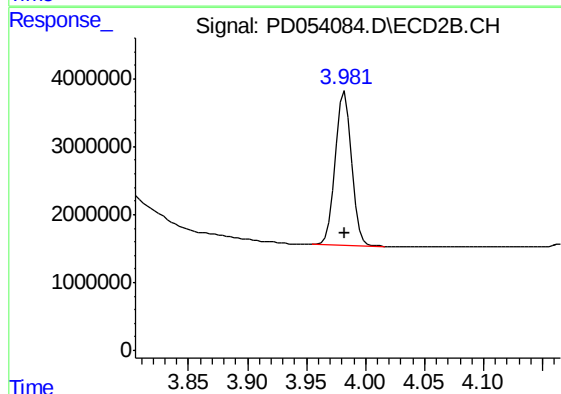
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 14321640
Conc: 24.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

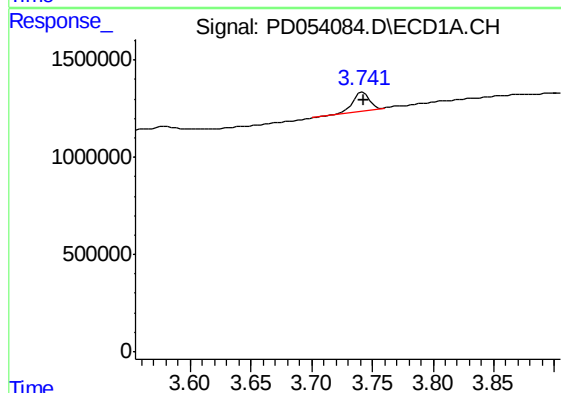
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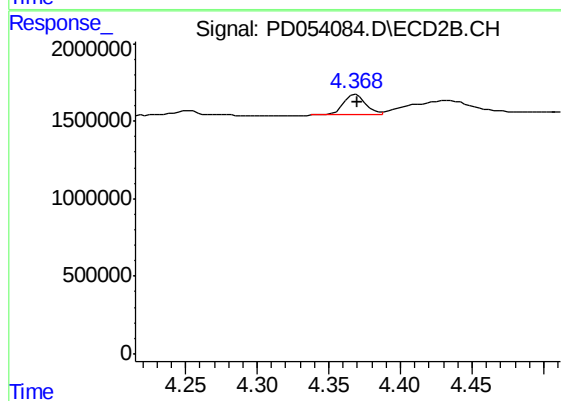
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 22452259
Conc: 25.77 ng/ml m



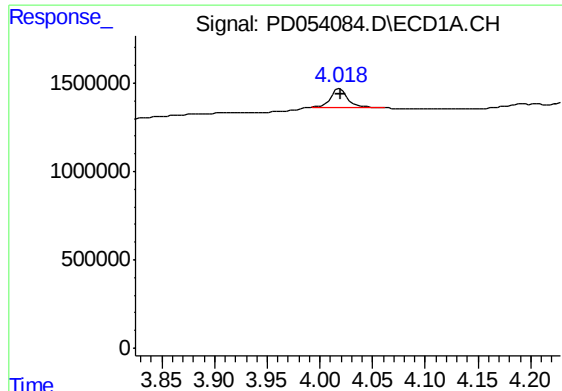
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 939544
Conc: 1.08 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1404494
Conc: 1.11 ng/ml



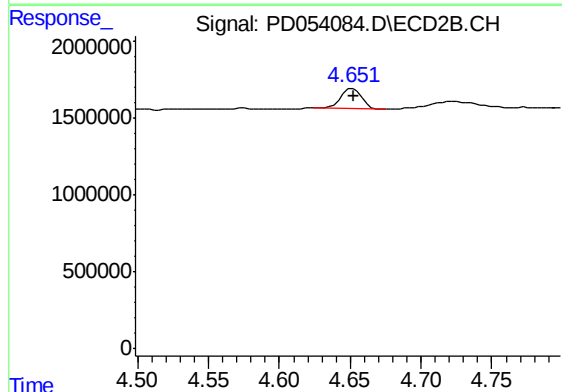
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 1162182
Conc: 1.42 ng/ml

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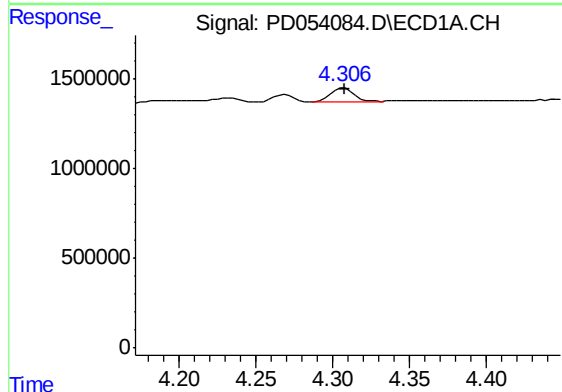
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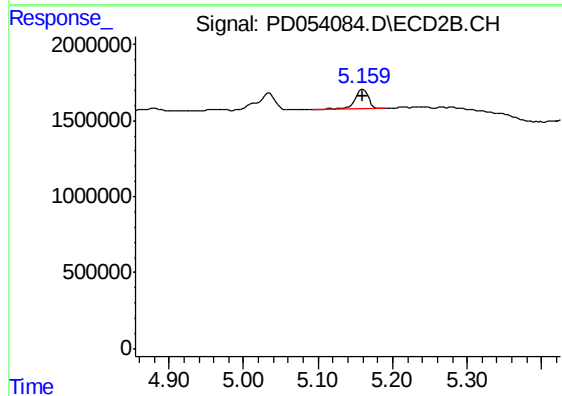
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1341818
Conc: 1.09 ng/ml



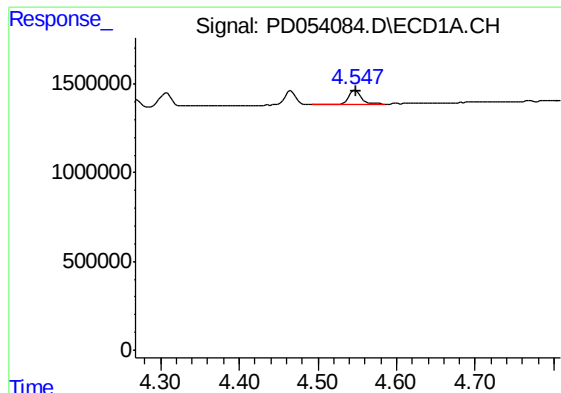
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 787069
Conc: 1.08 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 1605460
Conc: 1.28 ng/ml



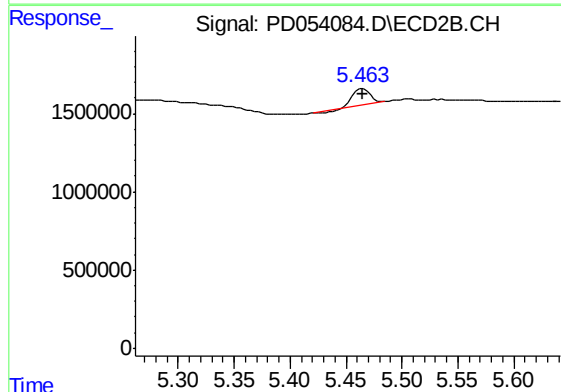
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 918605
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

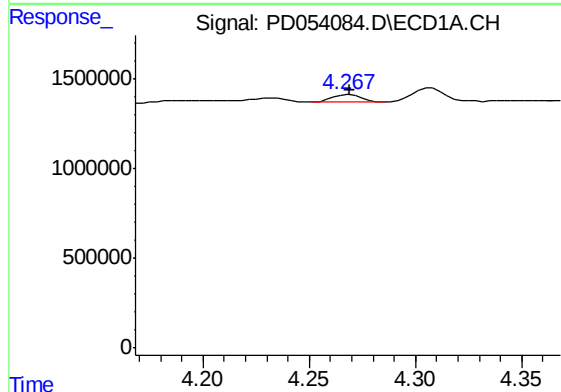
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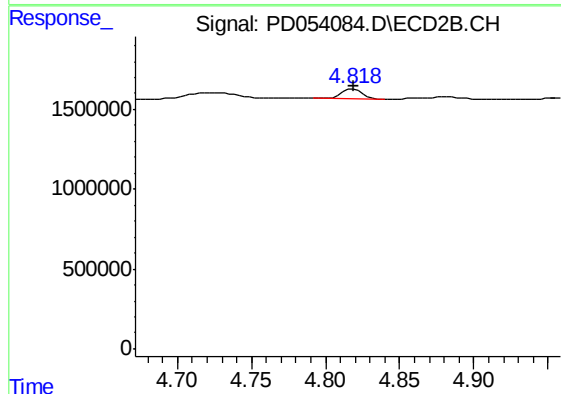
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 1082274
Conc: 0.88 ng/ml



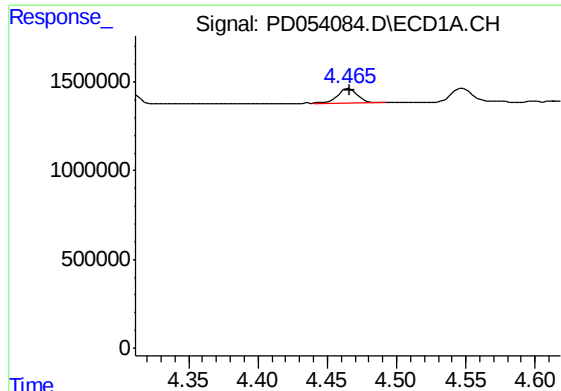
#6 beta-BHC

R.T.: 4.267 min
Delta R.T.: -0.002 min
Response: 390758
Conc: 1.11 ng/ml m



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 620709
Conc: 1.11 ng/ml



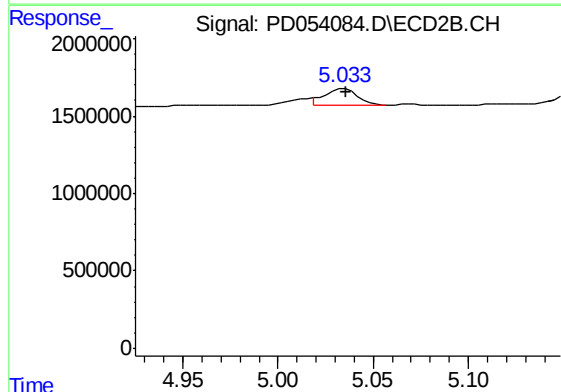
#7 delta-BHC

R.T.: 4.465 min
Delta R.T.: -0.002 min
Response: 797095
Conc: 0.95 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

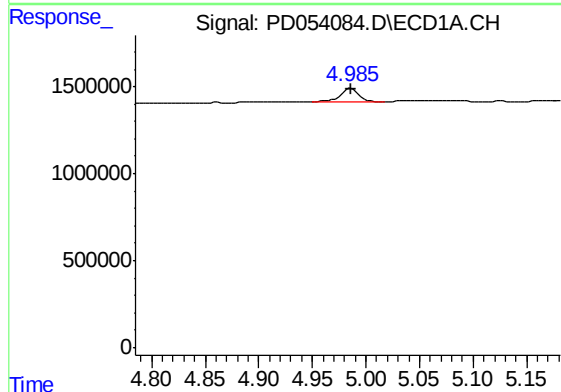
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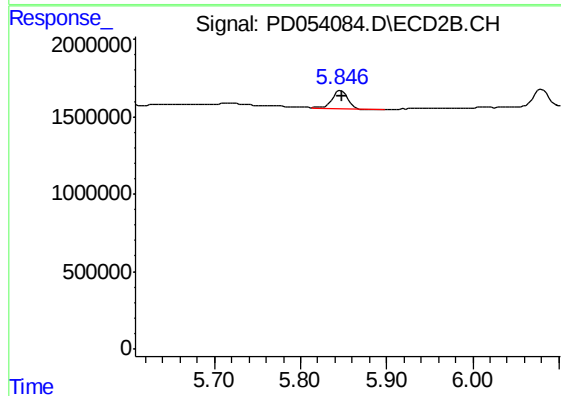
#7 delta-BHC

R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 1245260
Conc: 0.96 ng/ml m



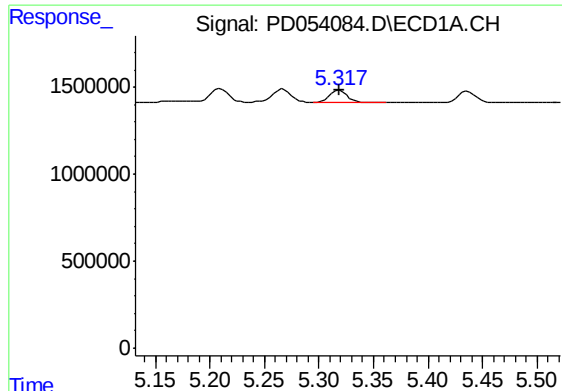
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: -0.002 min
Response: 919895
Conc: 1.21 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 1419658
Conc: 1.17 ng/ml



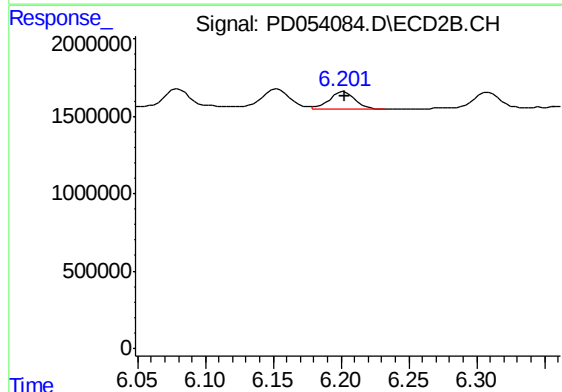
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 856958
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

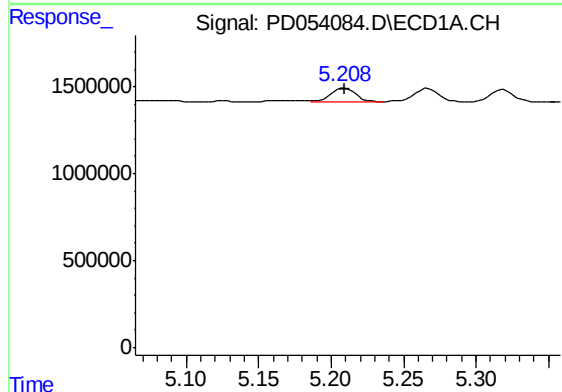
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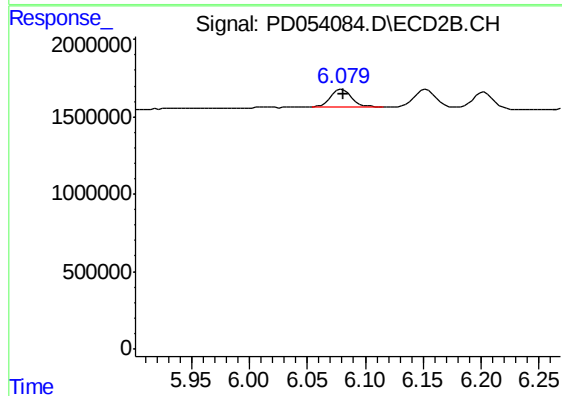
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1405615
Conc: 1.21 ng/ml



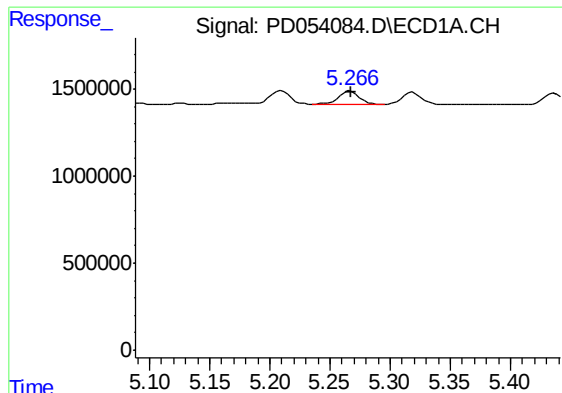
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 955351
Conc: 1.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 1442630
Conc: 1.10 ng/ml m



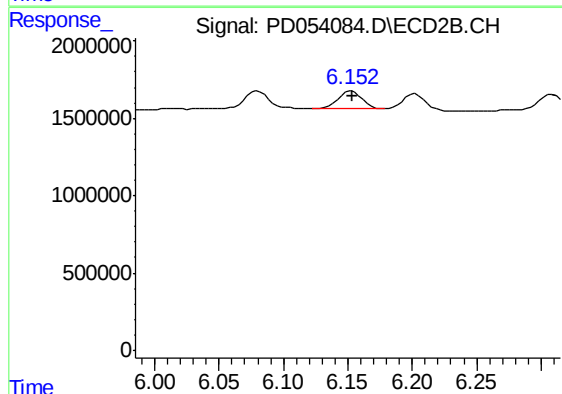
#11 alpha-Chlordane

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 977249
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

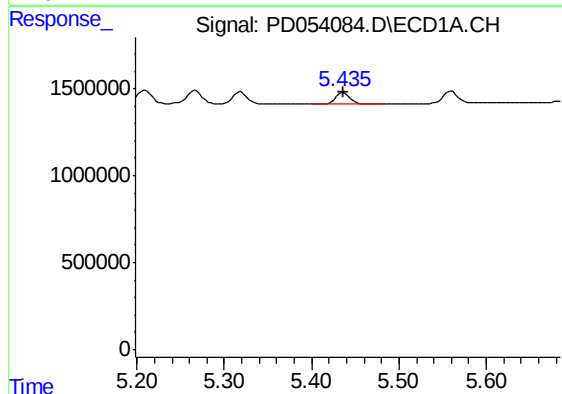
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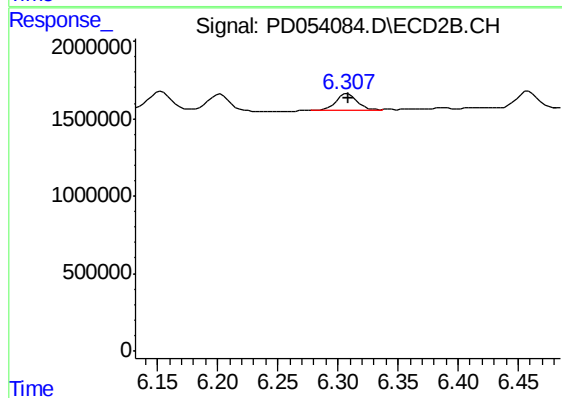
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 1465660
Conc: 1.13 ng/ml m



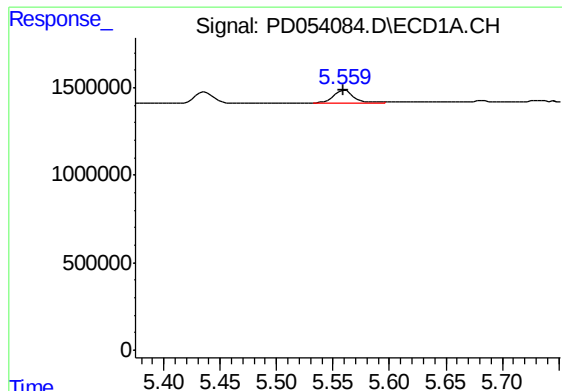
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 769856
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 1320440
Conc: 1.07 ng/ml



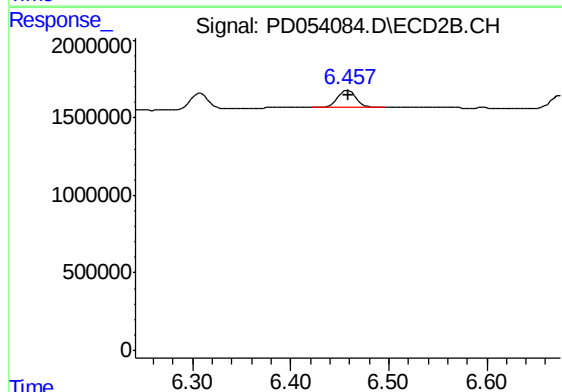
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 944975
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

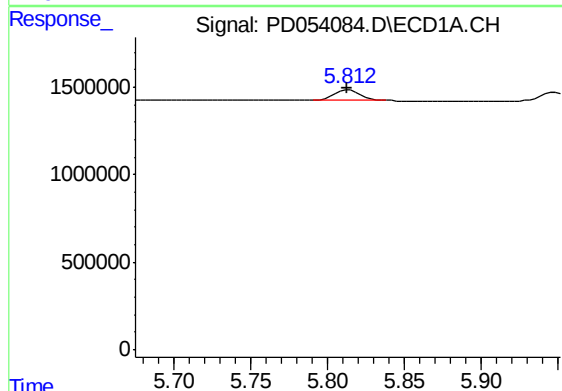
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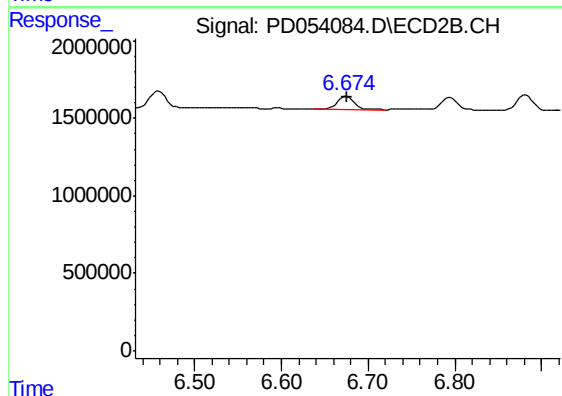
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 1382869
Conc: 1.10 ng/ml



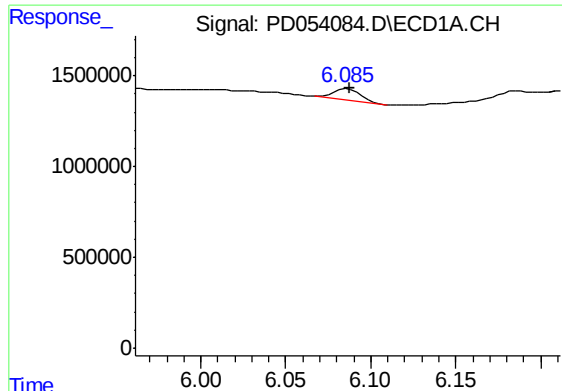
#14 Endrin

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 739234
Conc: 0.99 ng/ml m



#14 Endrin

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 1133488
Conc: 1.08 ng/ml



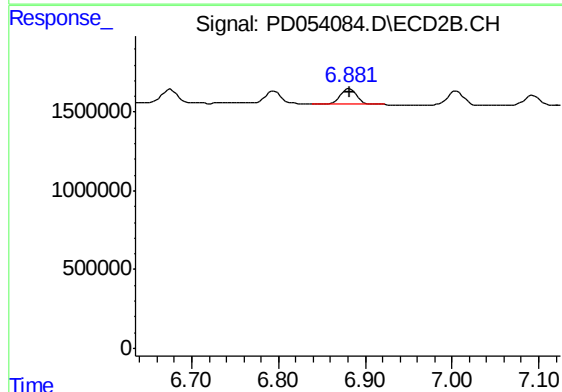
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 731257
Conc: 0.98 ng/ml m

Instrument :
ECD_D
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MDL-MDL-SOIL-03-QT3-2019

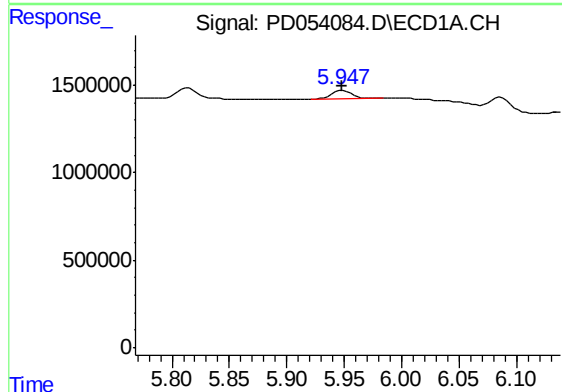
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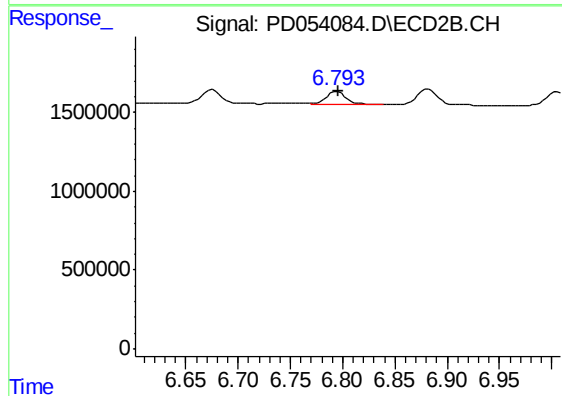
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 1341017
Conc: 1.16 ng/ml



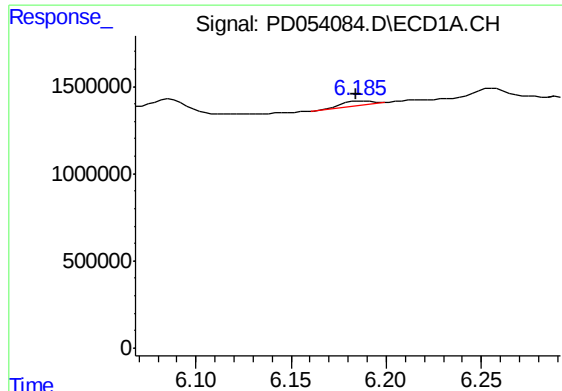
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 618273
Conc: 1.03 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 1091287
Conc: 1.08 ng/ml



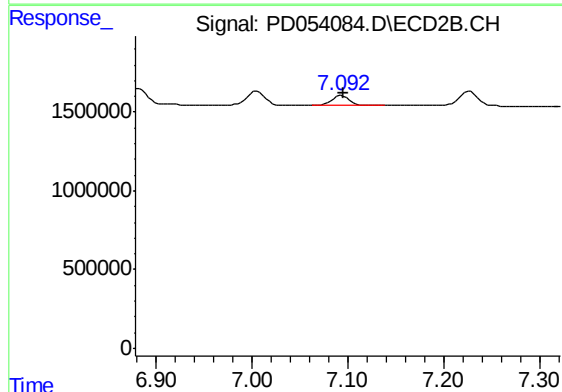
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 257954
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

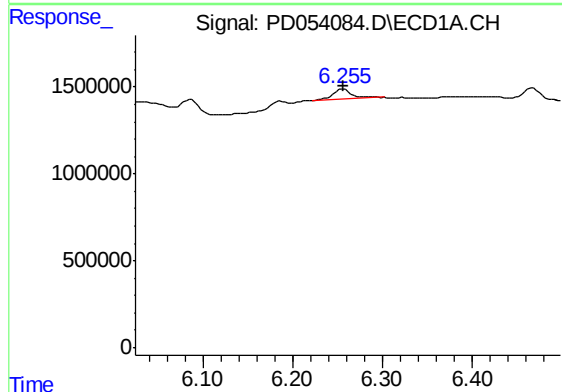
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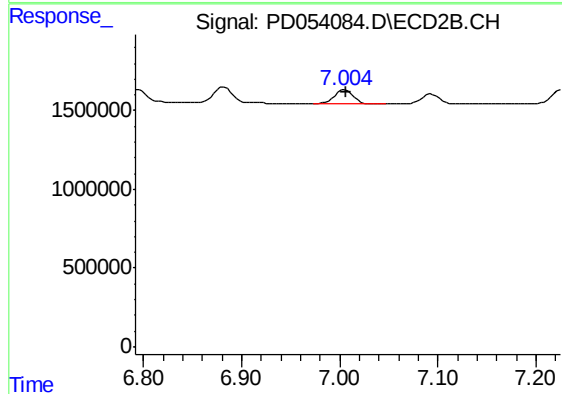
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 913221
Conc: 0.93 ng/ml



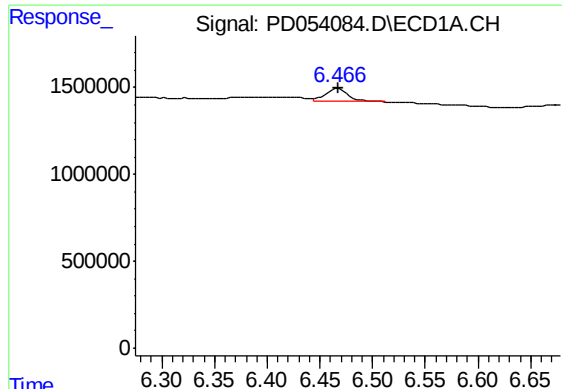
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 877897
Conc: 1.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 1183995
Conc: 1.19 ng/ml



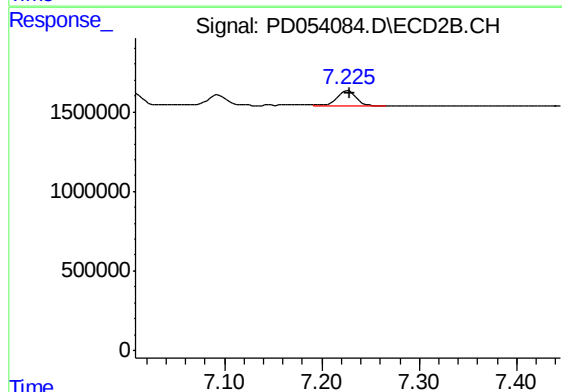
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 1061580
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

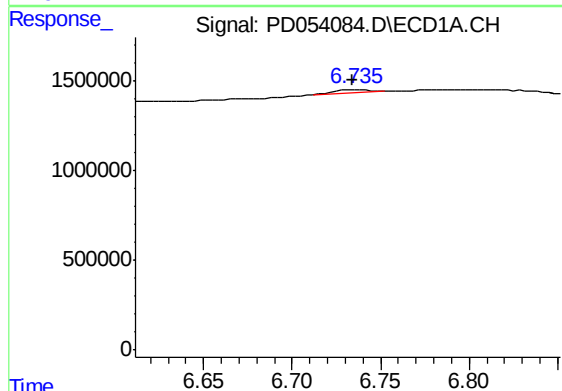
Manual Integrations
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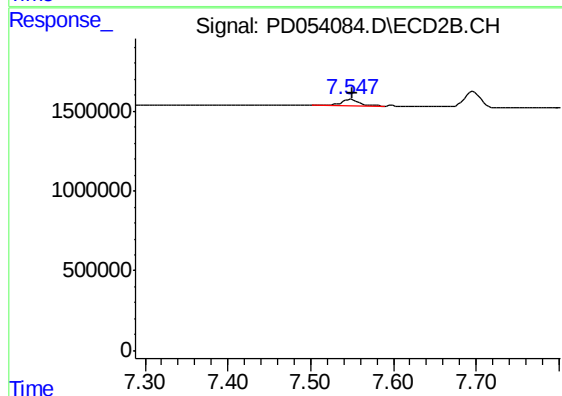
#19 Endosulfan Sulfate

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 1333702
Conc: 1.23 ng/ml m



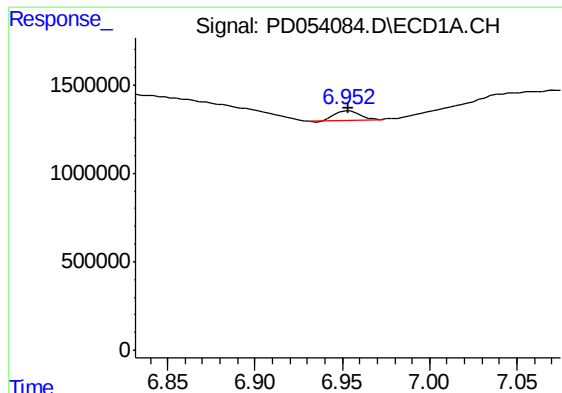
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 245394
Conc: 0.86 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 562512
Conc: 1.05 ng/ml



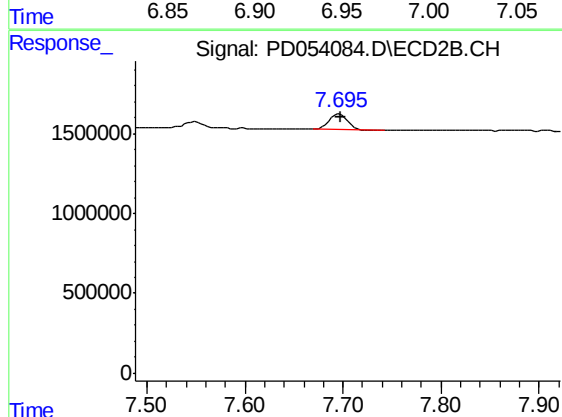
#21 Endrin ketone

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 521171
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

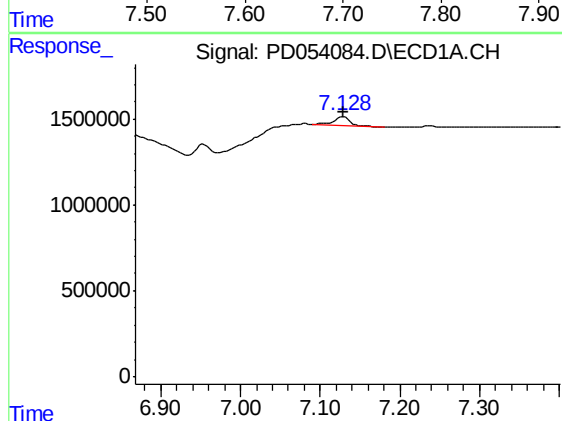
Manual Integrations
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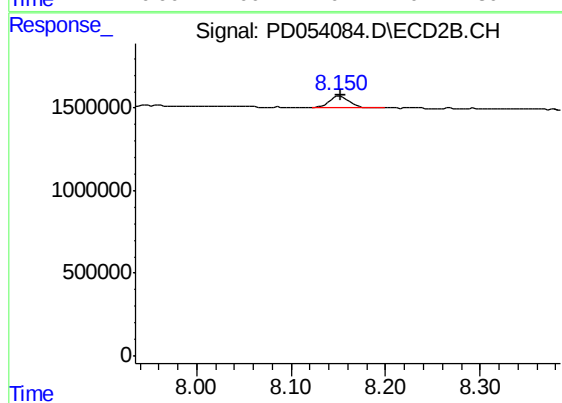
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 1346971
Conc: 1.11 ng/ml



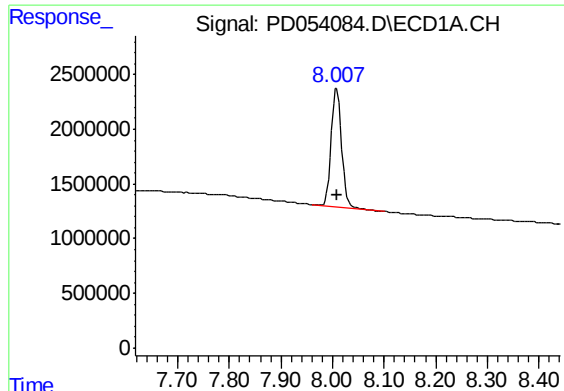
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 688614
Conc: 1.06 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 1055965
Conc: 1.15 ng/ml



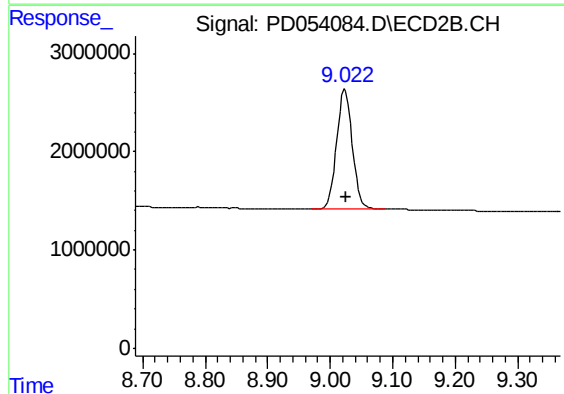
#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 15204706
Conc: 22.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 21299321
Conc: 22.98 ng/ml