

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 09:04
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:57:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.289	3.962	17247570	25041720	20.232	20.793
28)	SA Decachlor...	7.966	8.997	19337246	28956493	20.440	20.808
Target Compounds							
2)	A alpha-BHC	3.717	4.349	2744732	4224758	2.161	2.397
3)	MA gamma-BHC...	3.992	4.632	2742878	4097938	2.290	2.387
4)	MA Heptachlor	4.277	5.138	2338458	4392770	2.195	2.535
5)	MB Aldrin	4.517	5.442	2530568	5028434	2.313	3.004 #
6)	B beta-BHC	4.242	4.800	1089954	2054737	2.162	2.585
7)	B delta-BHC	4.437	5.015	2312662	2922698	2.008	1.824
8)	B Heptachlor...	4.954	5.823	2453919	4280546	2.385	2.651m
9)	A Endosulfan I	5.285	6.181	2224437	4473307	2.282	2.848
10)	B gamma-Chl...	5.175	6.058	2494681	4485261	2.338m	2.602m
11)	B alpha-Chl...	5.233	6.130	2523215	4617818	2.391	2.688m
12)	B 4,4'-DDE	5.401	6.288	2118049	3841572	2.152	2.402
13)	MA Dieldrin	5.525	6.436	2432662	4383559	2.293	2.594
14)	MA Endrin	5.777	6.653	2269247	3554646	2.366	2.464
15)	B Endosulfa...	6.051	6.861	2222766	4013350	2.293	2.584
16)	A 4,4'-DDD	5.912	6.775	1782972	3346517	2.218	2.449
17)	MA 4,4'-DDT	6.149	7.074	1347257	2758354	1.883	2.067
18)	B Endrin al...	6.218	6.985	2943281	3543523	3.522m	2.643
19)	B Endosulfa...	6.429	7.207	2222529	3889872	2.481m	2.674
20)	A Methoxychlor	6.697	7.530	1260184	1990927	3.216	2.489
21)	B Endrin ke...	6.914	7.676	1925043	4392665	1.840	2.648 #
22)	Mirex	7.090	8.130	2516761	3518093	3.052	2.908

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 09:04
Operator : SG\AJ
Sample : K5111-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 8 Sample Multiplier: 1

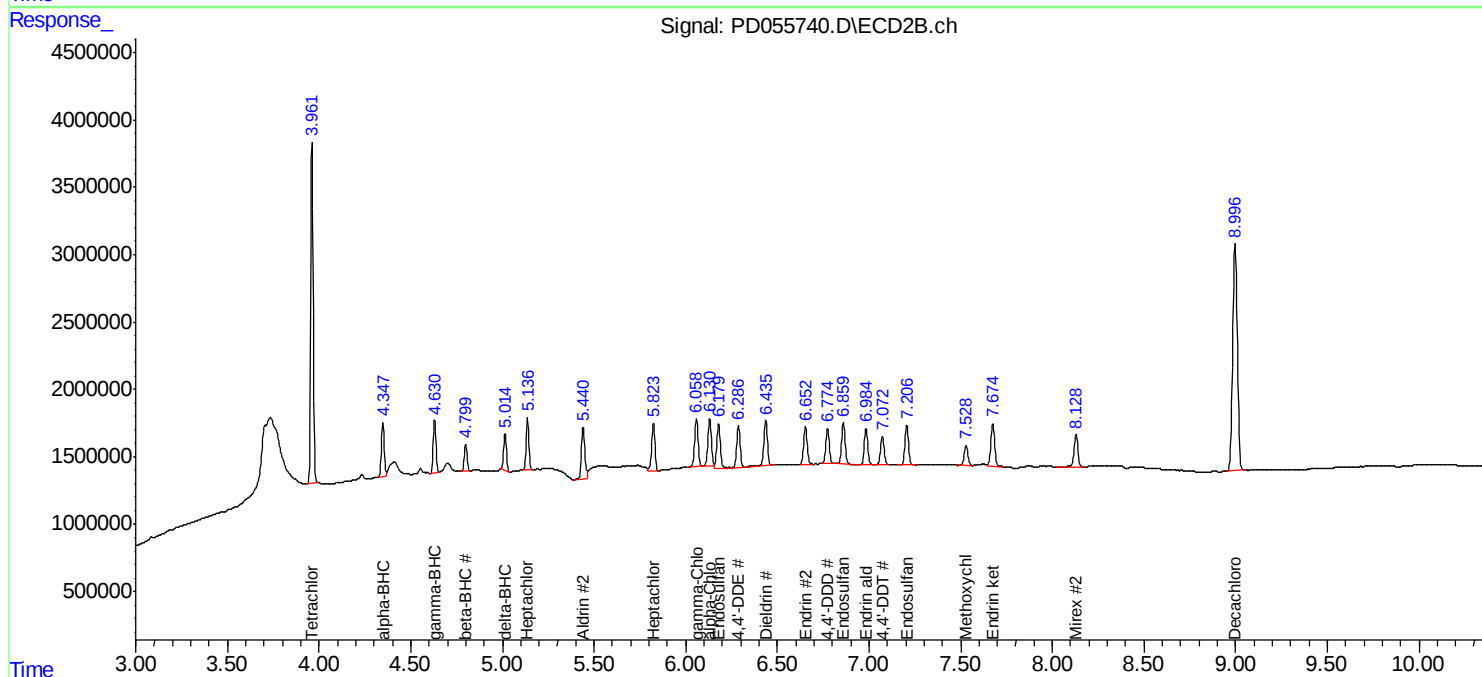
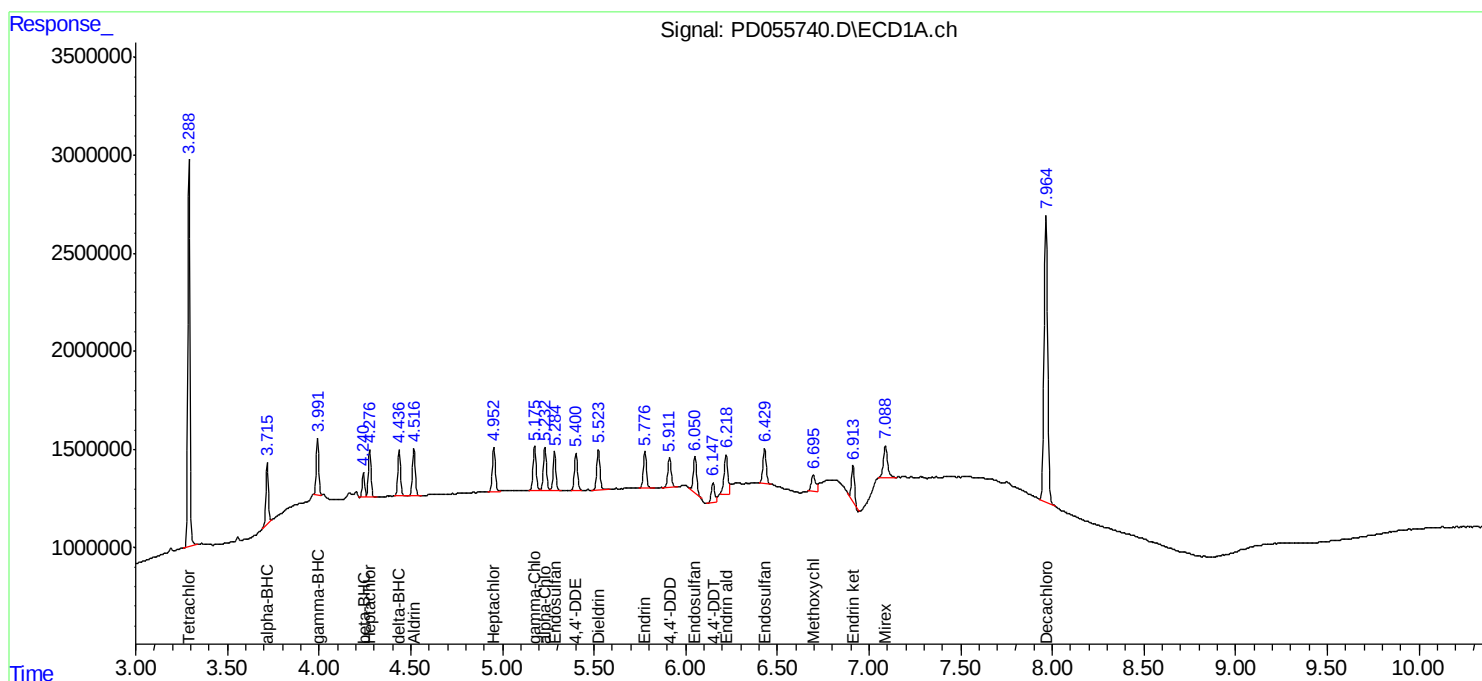
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

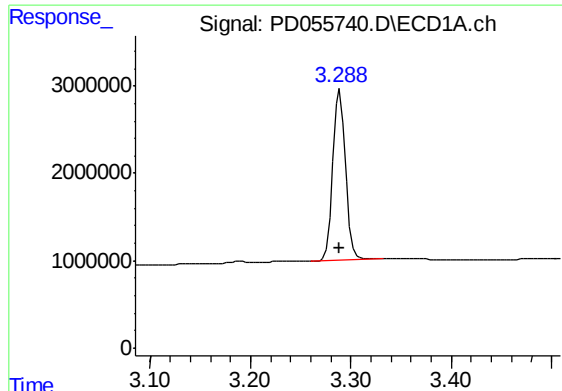
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:57:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
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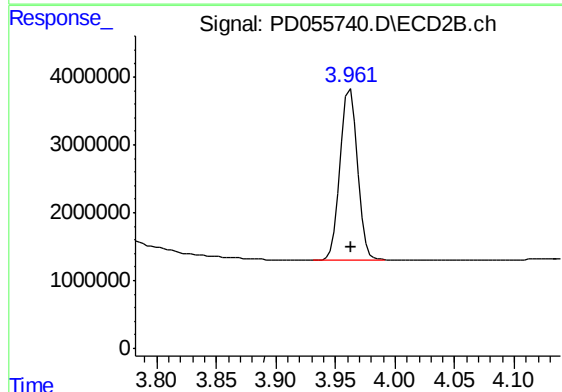
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17247570
Conc: 20.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

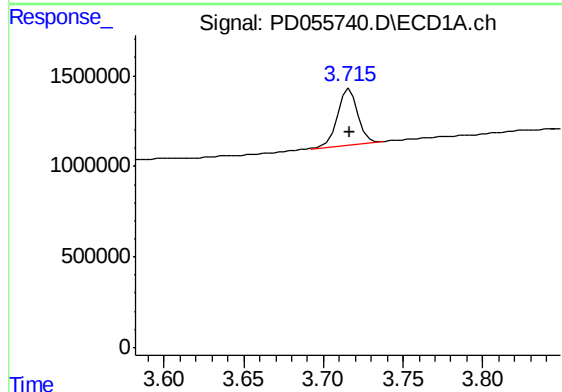
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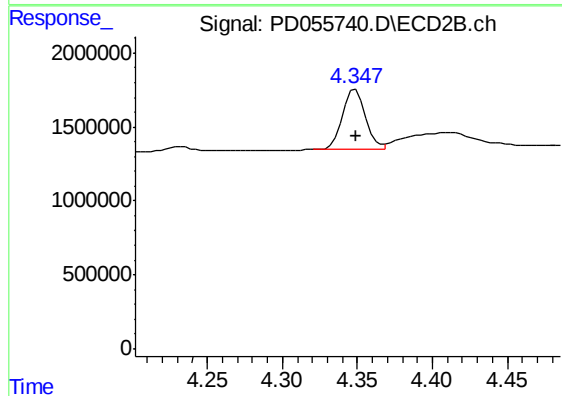
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 25041720
Conc: 20.79 ng/ml



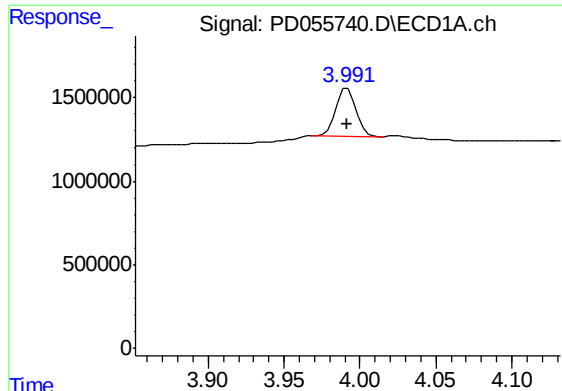
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 2744732
Conc: 2.16 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 4224758
Conc: 2.40 ng/ml



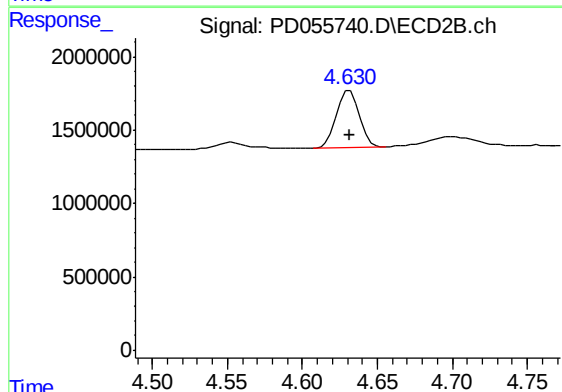
#3 gamma-BHC (Lindane)

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 2742878
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

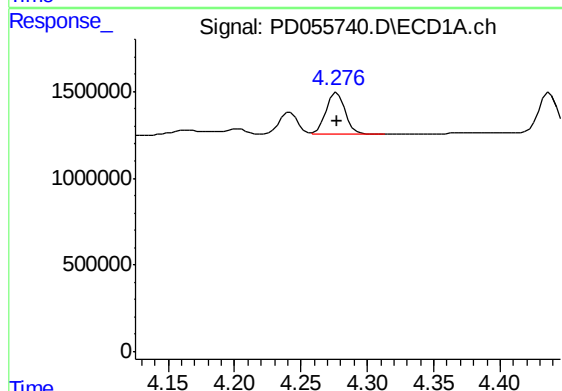
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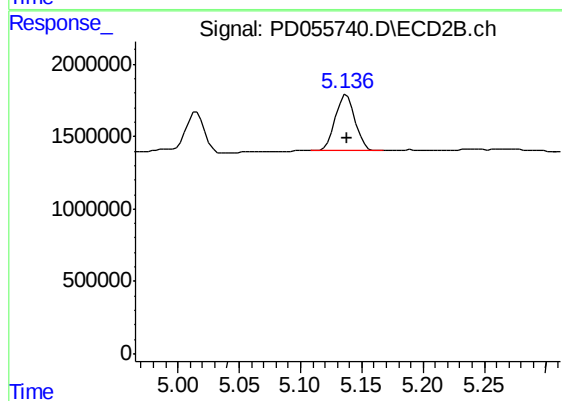
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 4097938
Conc: 2.39 ng/ml



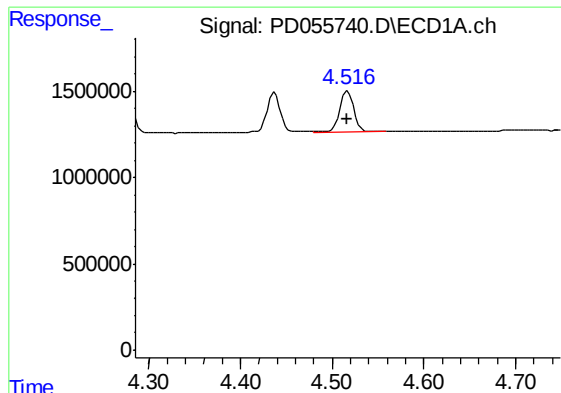
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 2338458
Conc: 2.20 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 4392770
Conc: 2.54 ng/ml



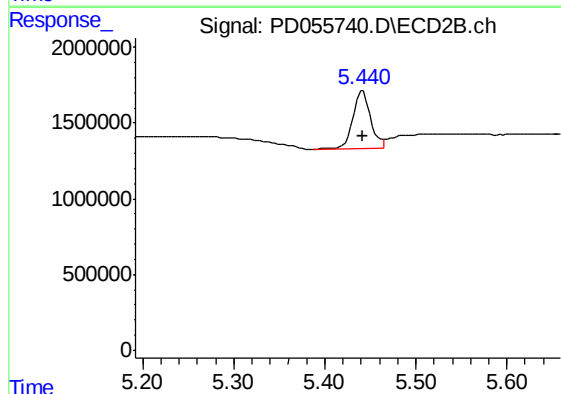
#5 Aldrin

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2530568
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

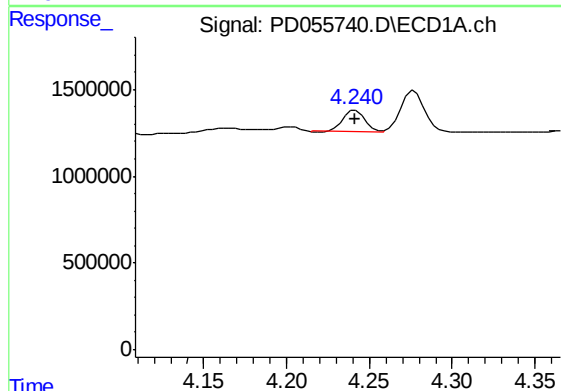
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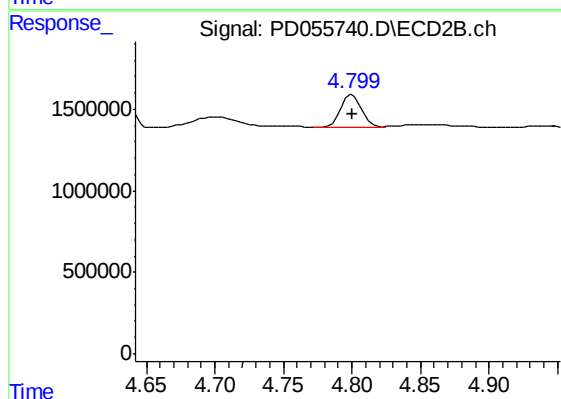
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 5028434
Conc: 3.00 ng/ml



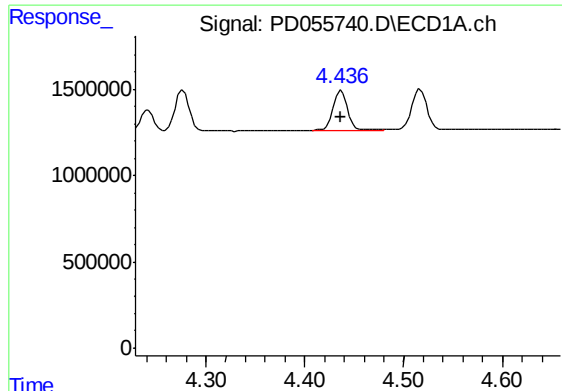
#6 beta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 1089954
Conc: 2.16 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 2054737
Conc: 2.59 ng/ml



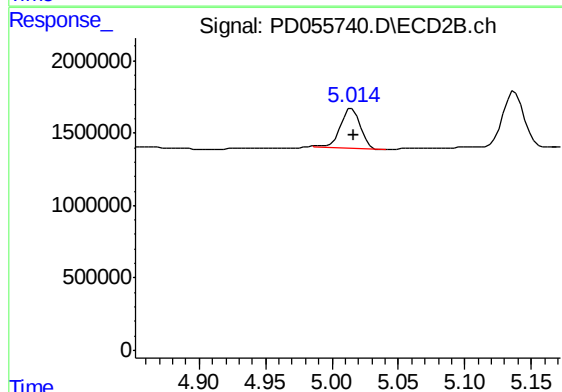
#7 delta-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2312662
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

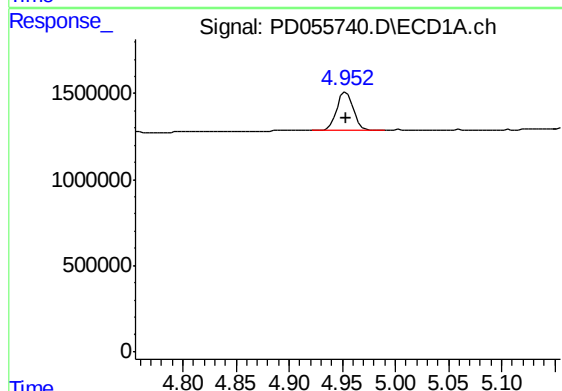
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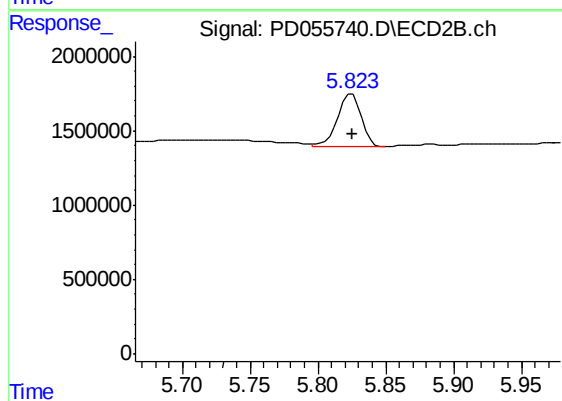
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 2922698
Conc: 1.82 ng/ml



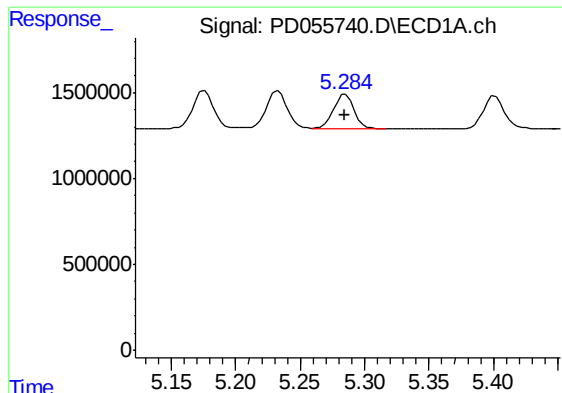
#8 Heptachlor epoxide

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 2453919
Conc: 2.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 4280546
Conc: 2.65 ng/ml m



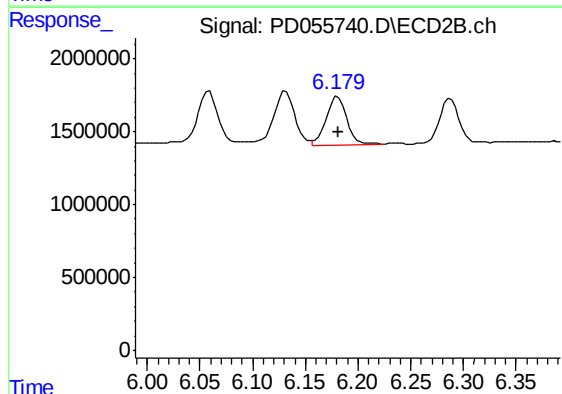
#9 Endosulfan I

R.T.: 5.285 min
Delta R.T.: 0.001 min
Response: 2224437
Conc: 2.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

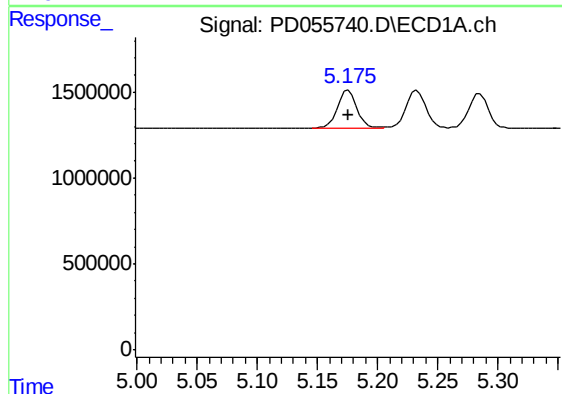
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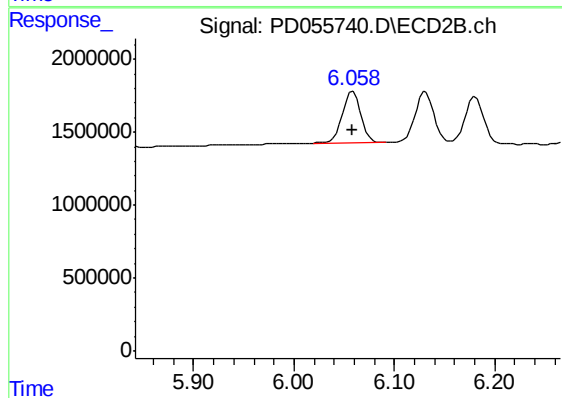
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4473307
Conc: 2.85 ng/ml



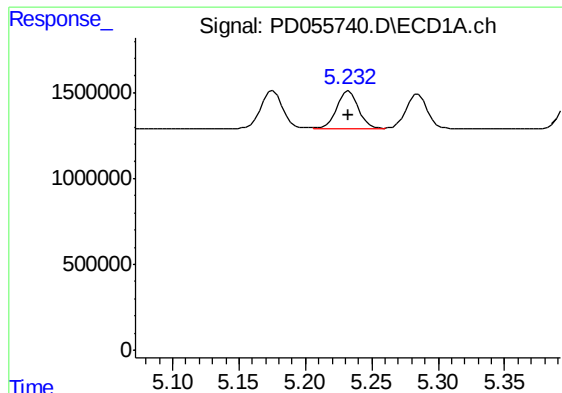
#10 gamma-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 2494681
Conc: 2.34 ng/ml m



#10 gamma-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 4485261
Conc: 2.60 ng/ml m



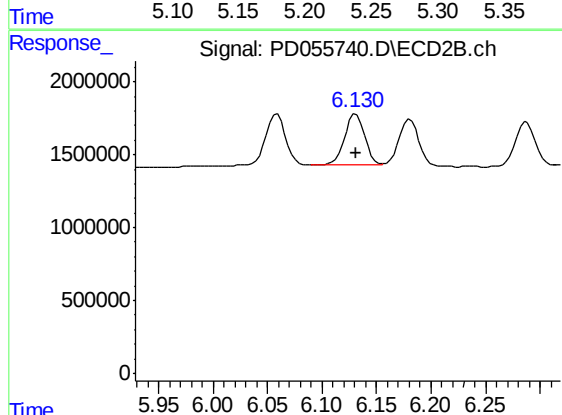
#11 alpha-Chlordane

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 2523215
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

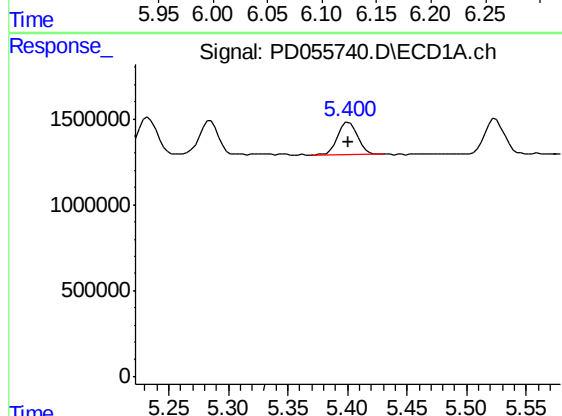
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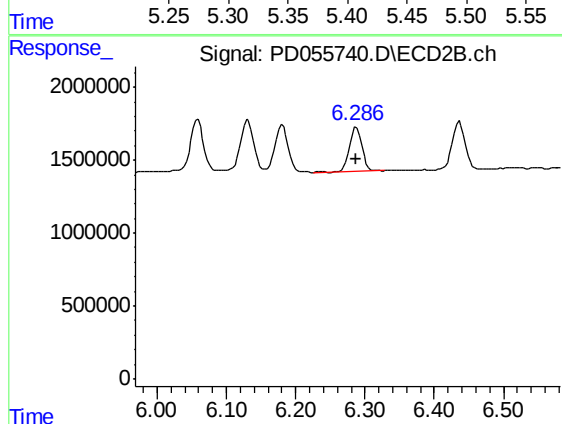
#11 alpha-Chlordane

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 4617818
Conc: 2.69 ng/ml m



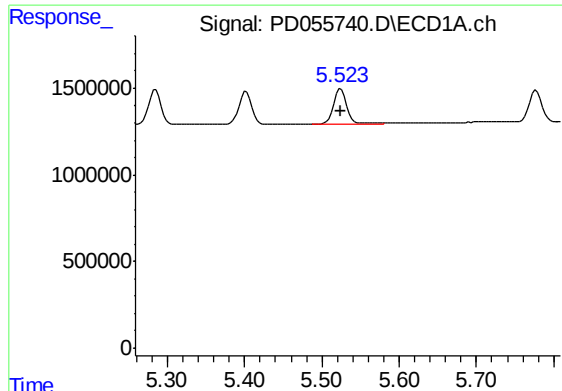
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 2118049
Conc: 2.15 ng/ml



#12 4,4'-DDE

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 3841572
Conc: 2.40 ng/ml



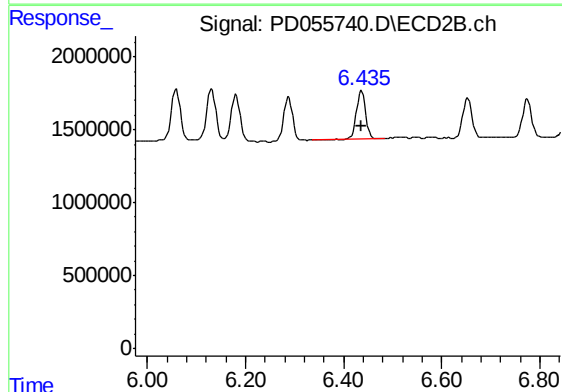
#13 Dieldrin

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 2432662
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

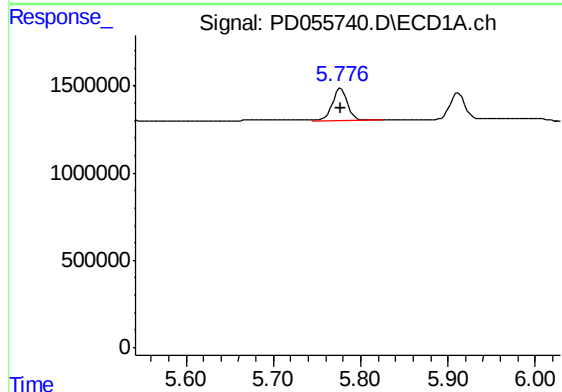
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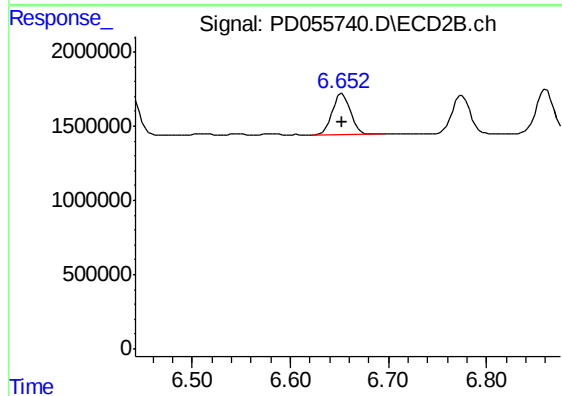
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 4383559
Conc: 2.59 ng/ml



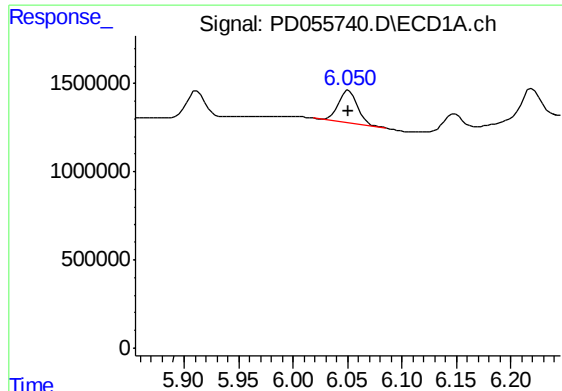
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2269247
Conc: 2.37 ng/ml



#14 Endrin

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 3554646
Conc: 2.46 ng/ml



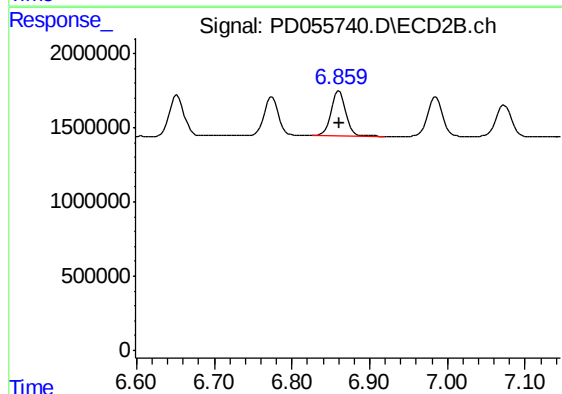
#15 Endosulfan II

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 2222766
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

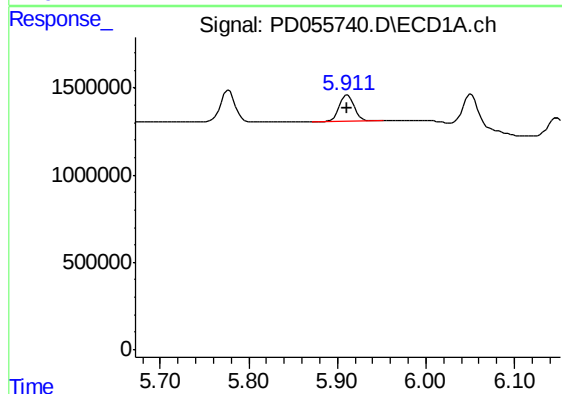
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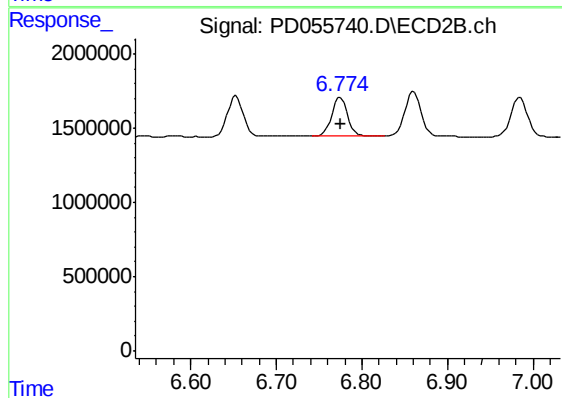
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 4013350
Conc: 2.58 ng/ml



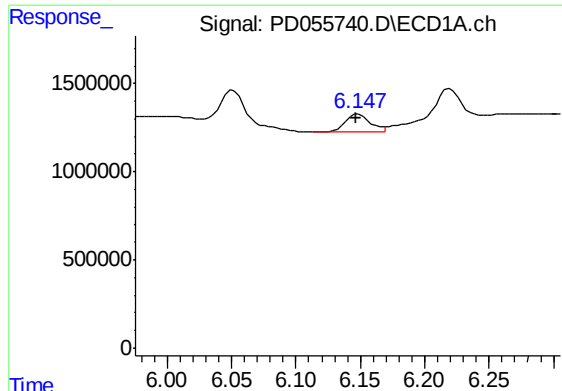
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 1782972
Conc: 2.22 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3346517
Conc: 2.45 ng/ml



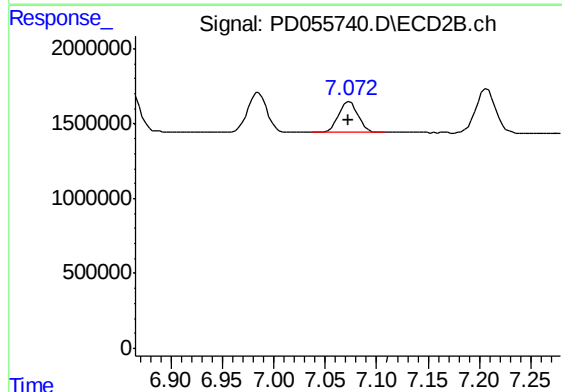
#17 4,4'-DDT

R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 1347257
Conc: 1.88 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT4-2019

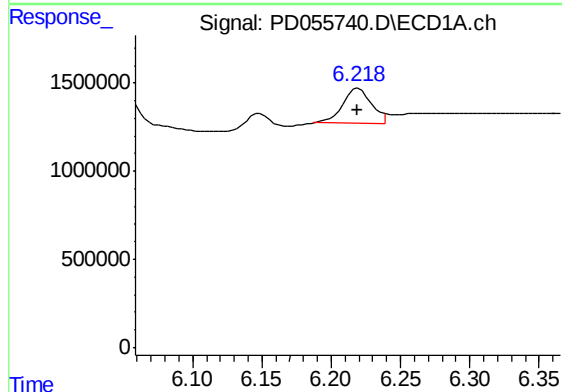
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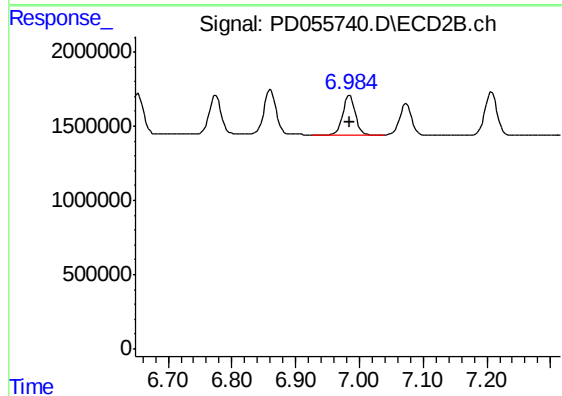
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 2758354
Conc: 2.07 ng/ml



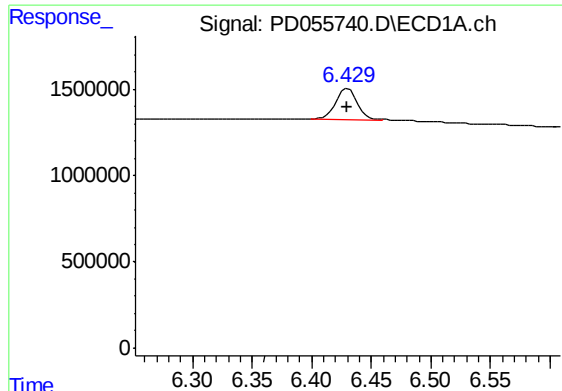
#18 Endrin aldehyde

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 2943281
Conc: 3.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 3543523
Conc: 2.64 ng/ml



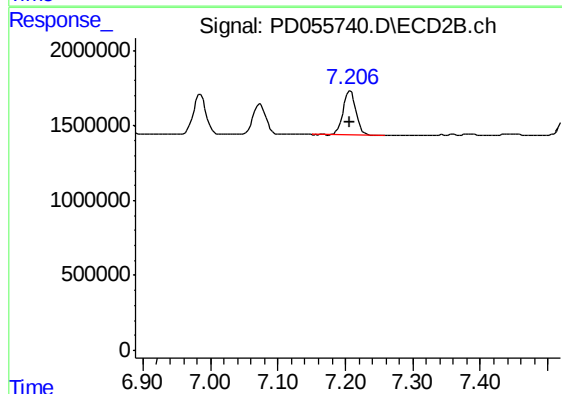
#19 Endosulfan Sulfate

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 2222529
Conc: 2.48 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

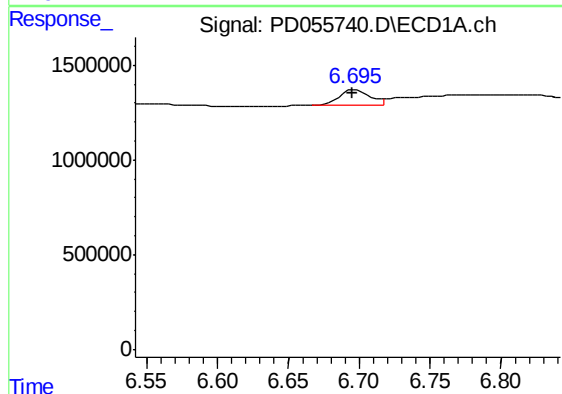
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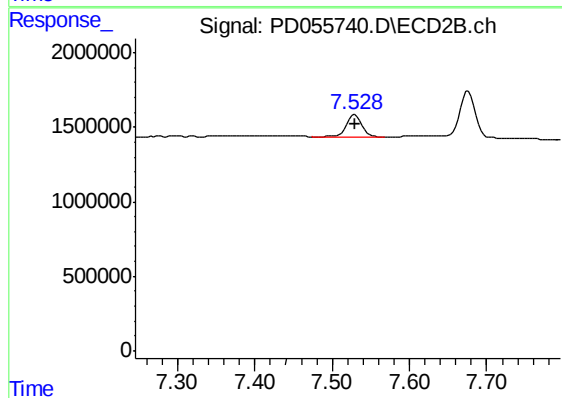
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 3889872
Conc: 2.67 ng/ml



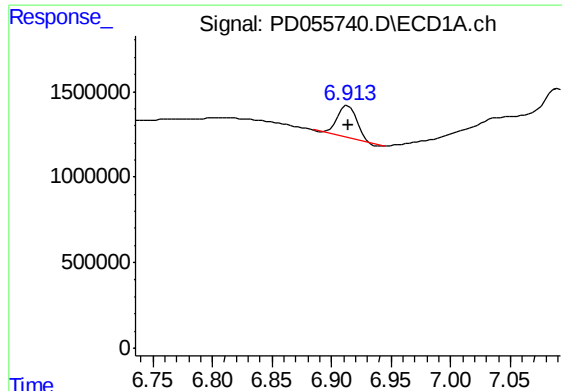
#20 Methoxychlor

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 1260184
Conc: 3.22 ng/ml



#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 1990927
Conc: 2.49 ng/ml



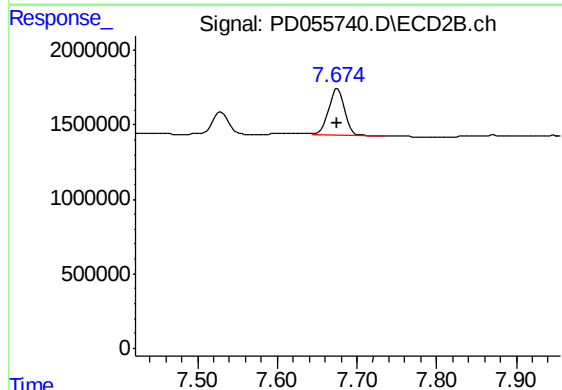
#21 Endrin ketone

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 1925043
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

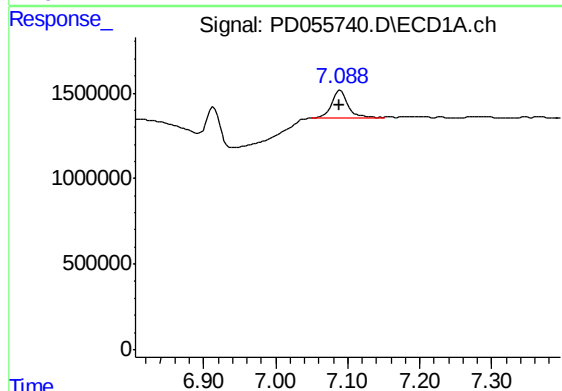
Manual Integrations
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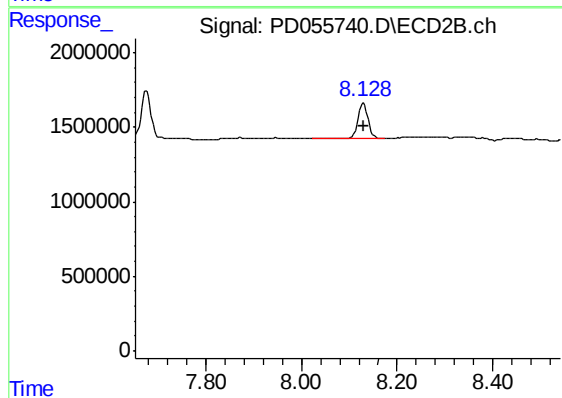
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 4392665
Conc: 2.65 ng/ml



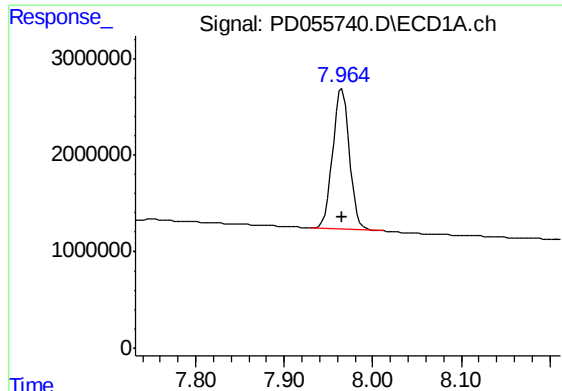
#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 2516761
Conc: 3.05 ng/ml



#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 3518093
Conc: 2.91 ng/ml



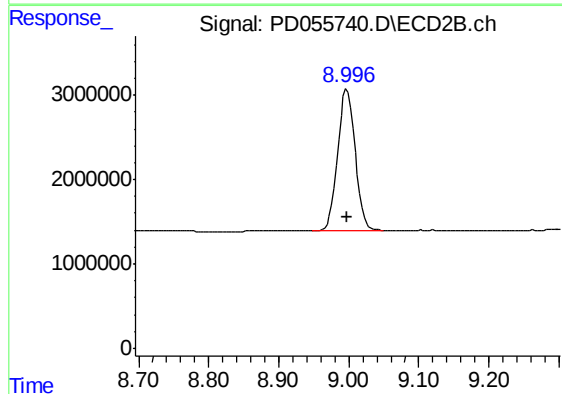
#28 Decachlorobiphenyl

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 19337246
Conc: 20.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 28956493
Conc: 20.81 ng/ml