

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012220\
 Data File : PL055983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2020 10:36
 Operator : AJ\MA
 Sample : L1161-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 17:20:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.489	3.966	194.8E6	58896597	20.320	20.839
28) SA Decachlor...	8.232	8.951	216.2E6	49268638	20.682	21.506
Target Compounds						
2) A alpha-BHC	3.925	4.348	17657721	3795897	1.064	0.895
3) MA gamma-BHC...	4.209	4.628	12276533	4045990	0.809	1.020 #
4) MA Heptachlor	4.510	5.127	14500080	3765725	0.971	1.114
5) MB Aldrin	4.758	5.428	13171457	3735176	0.900	1.090
6) B beta-BHC	4.457	4.795	7020689	1418322	1.094m	0.894m
7) B delta-BHC	4.663	5.009	10640882	1724177	0.726	0.577m
8) B Heptachlo...	5.200	5.807	13221898	2967927	0.959	0.993
9) A Endosulfan I	5.539	6.161	13733997	3286296	1.059	1.129
10) B gamma-Chl...	5.425	6.039	12703131	3330943	0.905m	1.080m
11) B alpha-Chl...	5.484	6.111	14740336	3591101	1.066	1.163
12) B 4,4'-DDE	5.648	6.266	12444816	3039494	0.953	1.038
13) MA Dieldrin	5.780	6.415	13127930	3305341	0.949m	1.094
14) MA Endrin	6.038	6.631	12100916	2323396	0.958	0.917
15) B Endosulfa...	6.309	6.838	8238048	3336427	0.738	1.244 #
16) A 4,4'-DDD	6.162	6.752	10900716	2252306	1.095	0.977
17) MA 4,4'-DDT	6.402	7.046	5851245	2054579	0.578	0.910 #
18) B Endrin al...	6.477	6.961	9924123	2685678	0.955	1.190
19) B Endosulfa...	6.692	7.182	11219492	2783233	1.037	1.124
20) A Methoxychlor	6.945	7.499	4375779	1065025	0.839	0.893m
21) B Endrin ke...	7.181	7.646	11088697	3000334	0.881	1.136m#
22) Mirex	7.368	8.097	1115437	1621157	0.159m	0.888 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012220\
 Data File : PL055983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2020 10:36
 Operator : AJ\MA
 Sample : L1161-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

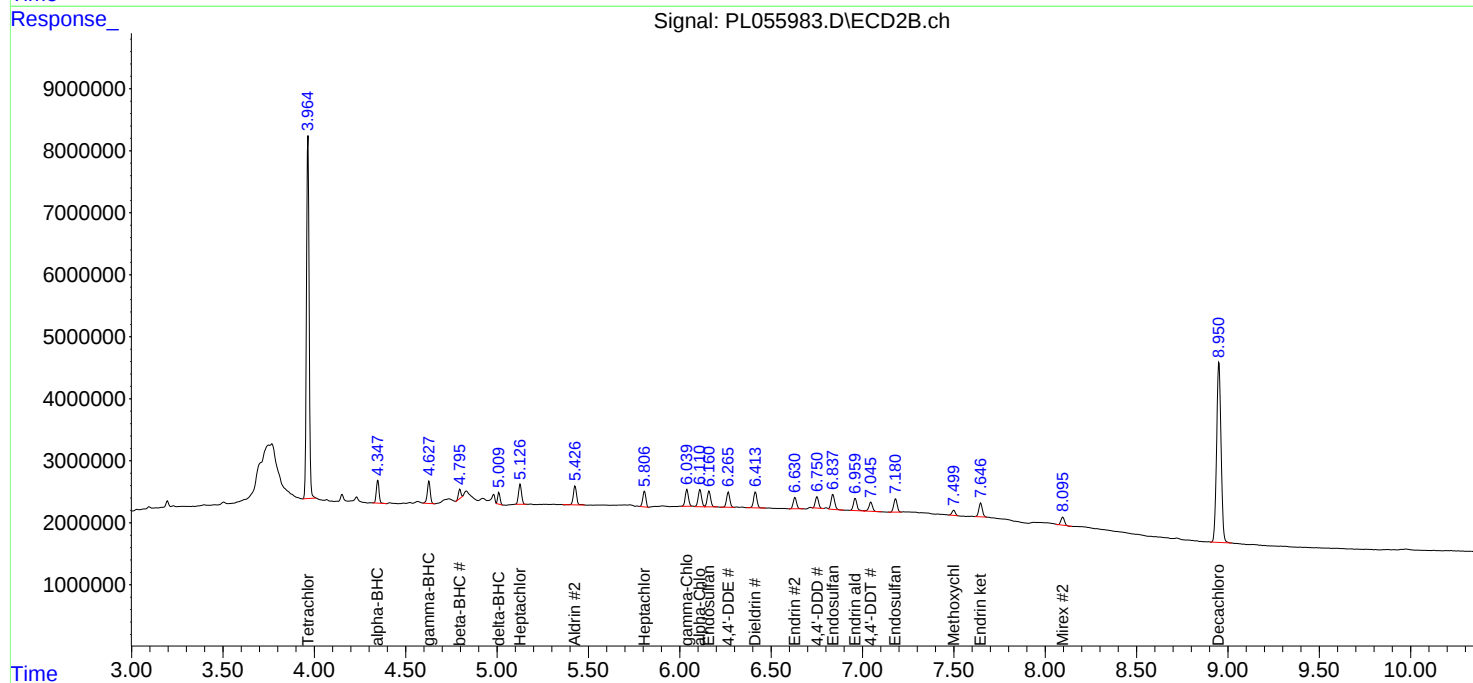
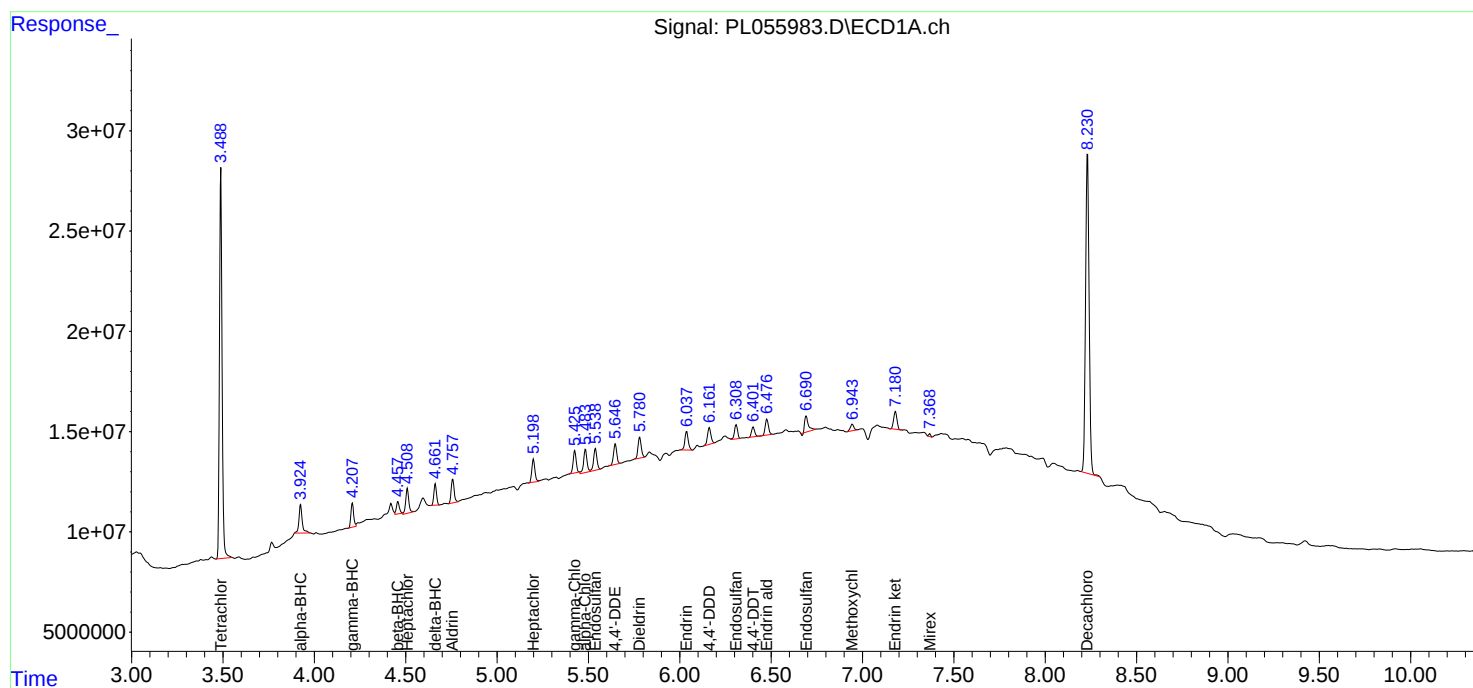
Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

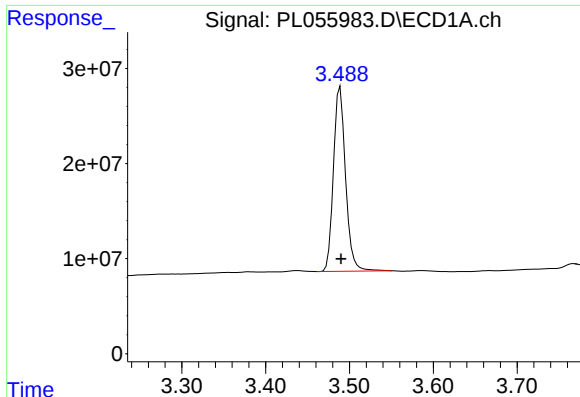
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 17:20:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





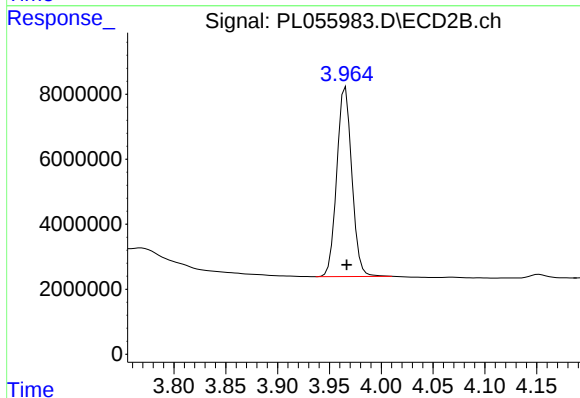
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: -0.001 min
Response: 194754656
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

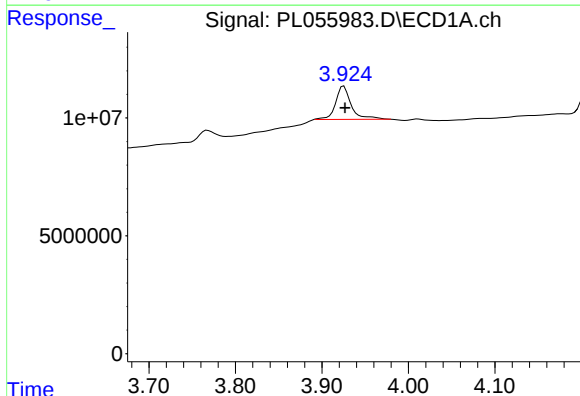
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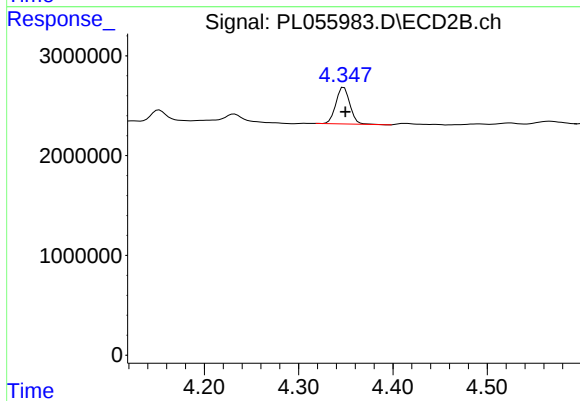
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: -0.001 min
Response: 58896597
Conc: 20.84 ng/ml



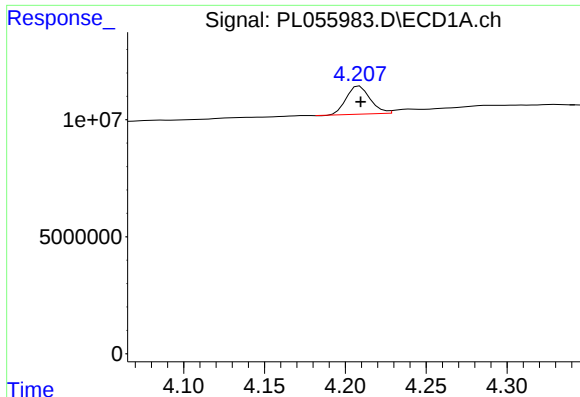
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: -0.001 min
Response: 17657721
Conc: 1.06 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 3795897
Conc: 0.90 ng/ml



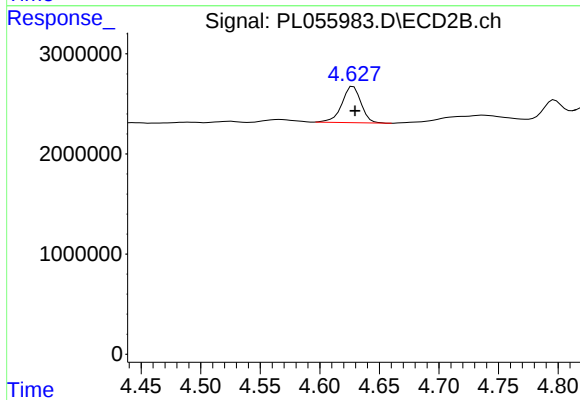
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 12276533
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

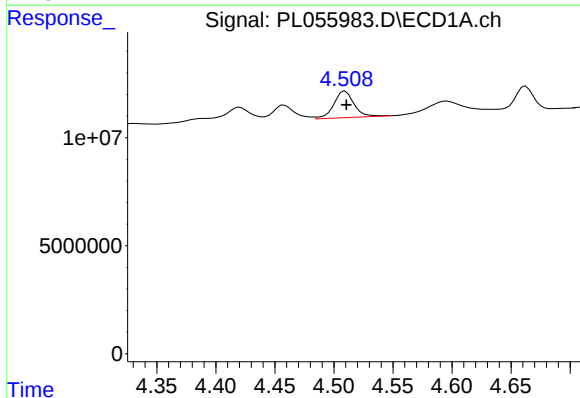
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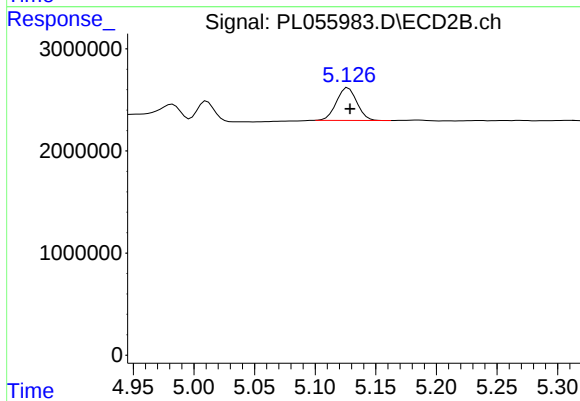
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 4045990
Conc: 1.02 ng/ml



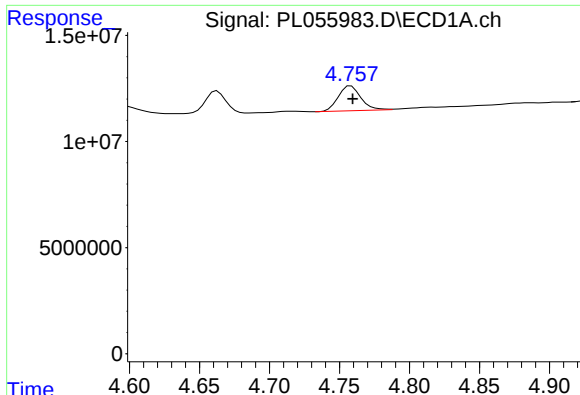
#4 Heptachlor

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 14500080
Conc: 0.97 ng/ml



#4 Heptachlor

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 3765725
Conc: 1.11 ng/ml



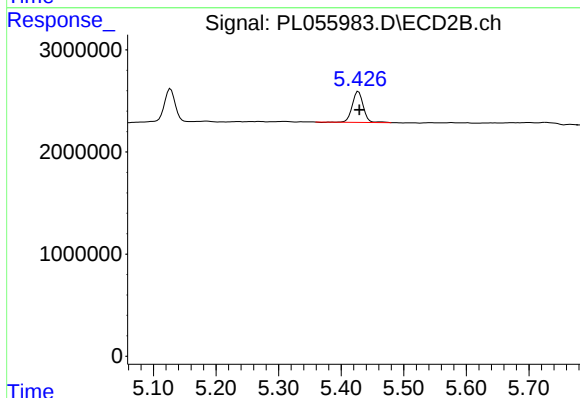
#5 Aldrin

R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 13171457
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

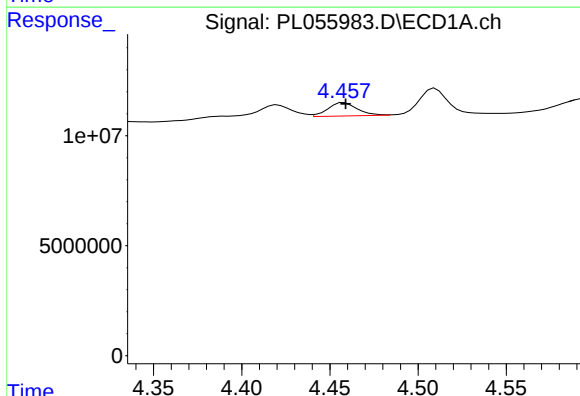
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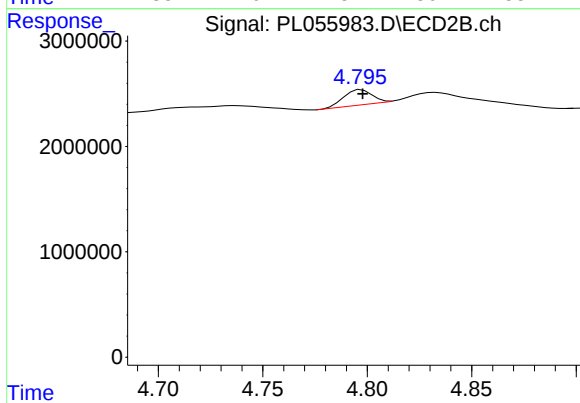
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 3735176
Conc: 1.09 ng/ml



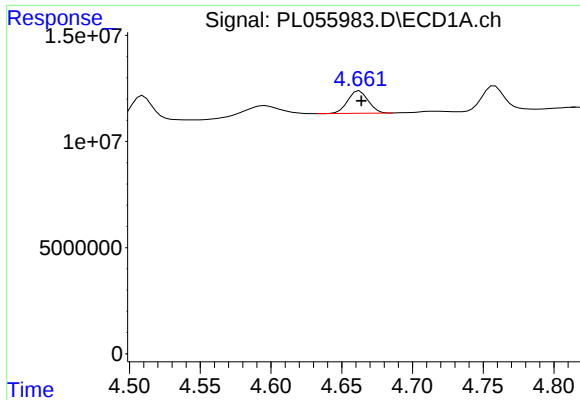
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: -0.002 min
Response: 7020689
Conc: 1.09 ng/ml m



#6 beta-BHC

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 1418322
Conc: 0.89 ng/ml m



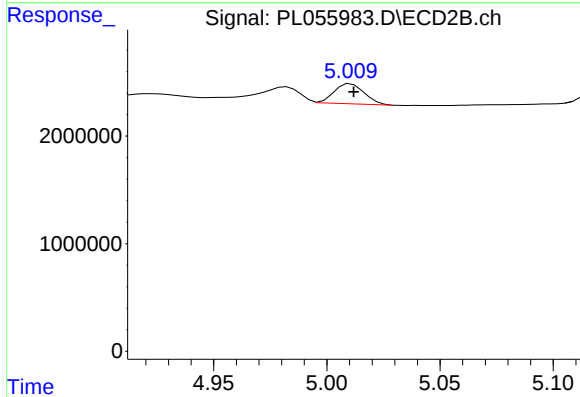
#7 delta-BHC

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 10640882
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

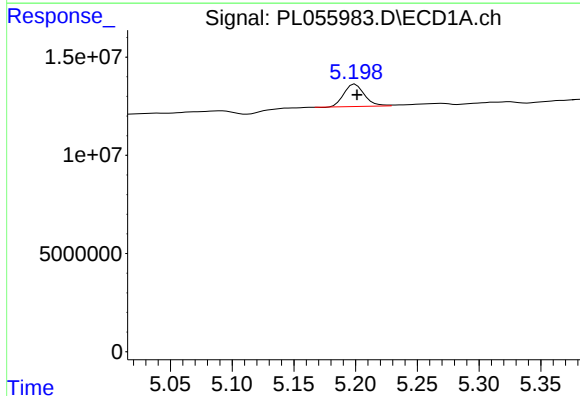
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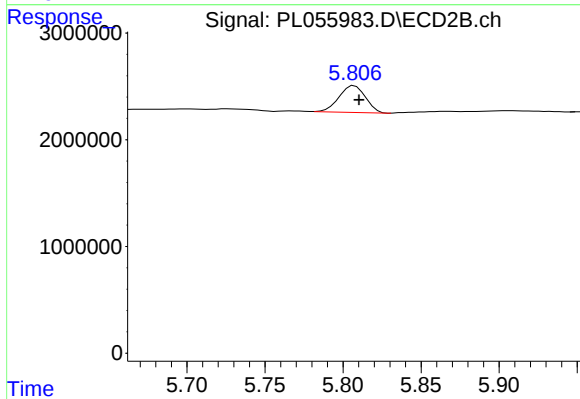
#7 delta-BHC

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 1724177
Conc: 0.58 ng/ml m



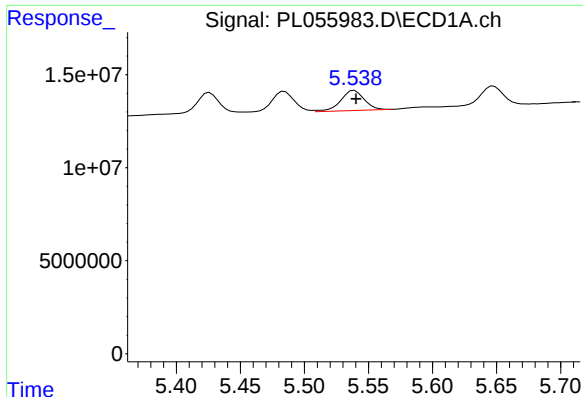
#8 Heptachlor epoxide

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 13221898
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 2967927
Conc: 0.99 ng/ml



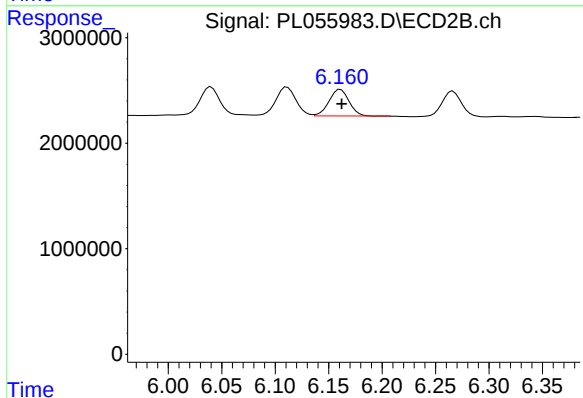
#9 Endosulfan I

R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 13733997
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

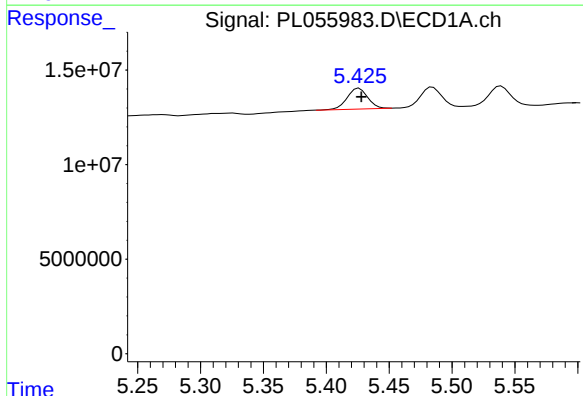
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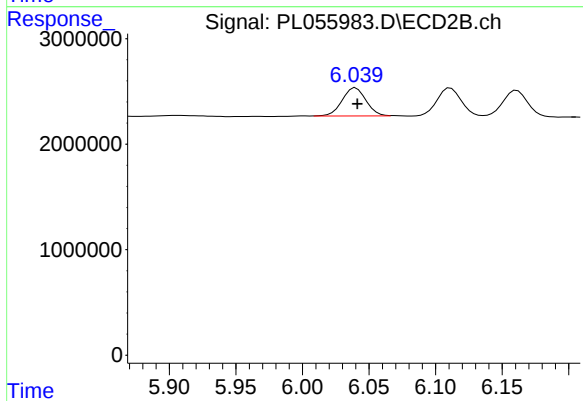
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 3286296
Conc: 1.13 ng/ml



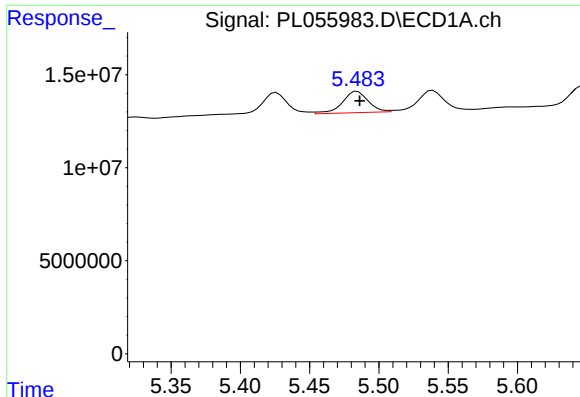
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 12703131
Conc: 0.91 ng/ml m



#10 gamma-Chlordane

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 3330943
Conc: 1.08 ng/ml m



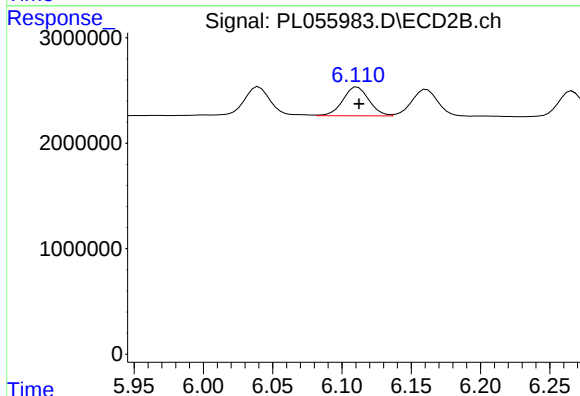
#11 alpha-Chlordane

R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 14740336
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

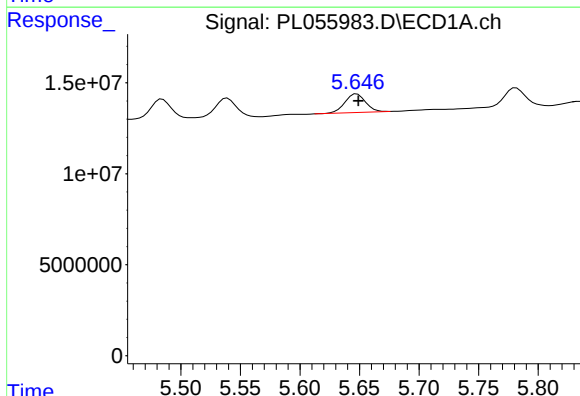
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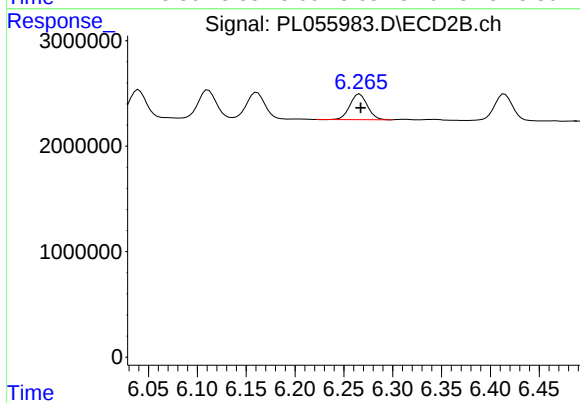
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 3591101
Conc: 1.16 ng/ml



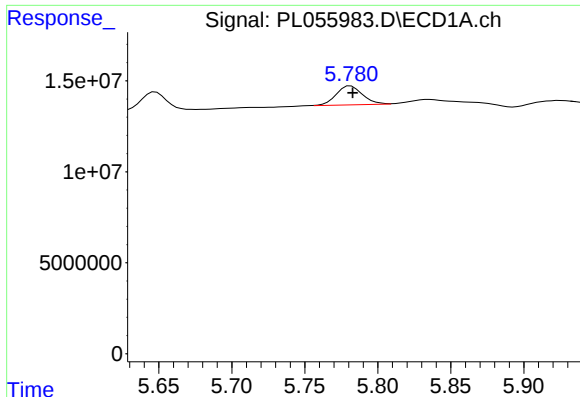
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.001 min
Response: 12444816
Conc: 0.95 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min
Delta R.T.: -0.001 min
Response: 3039494
Conc: 1.04 ng/ml



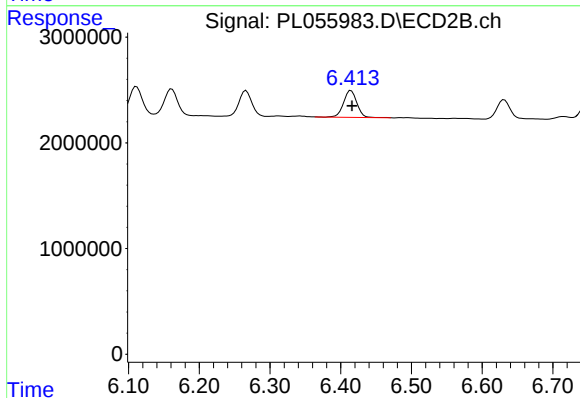
#13 Dieldrin

R.T.: 5.780 min
Delta R.T.: -0.003 min
Response: 13127930
Conc: 0.95 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

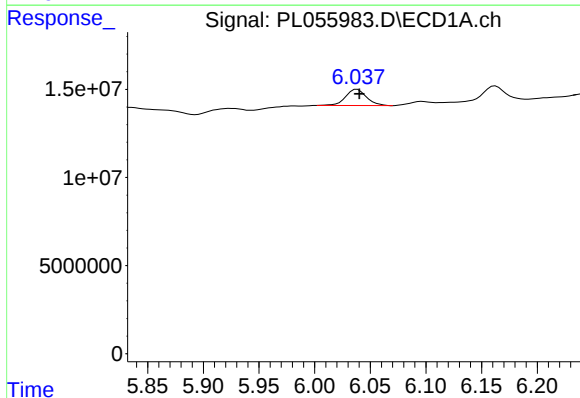
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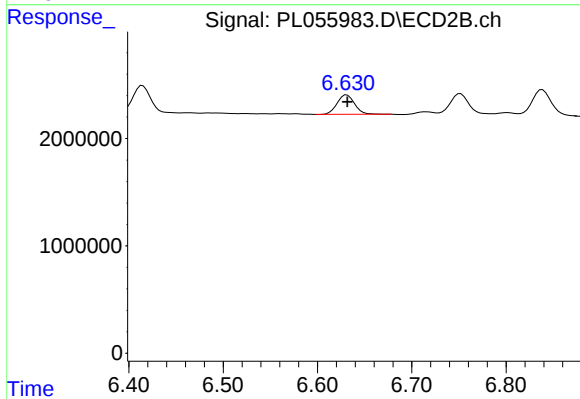
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 3305341
Conc: 1.09 ng/ml



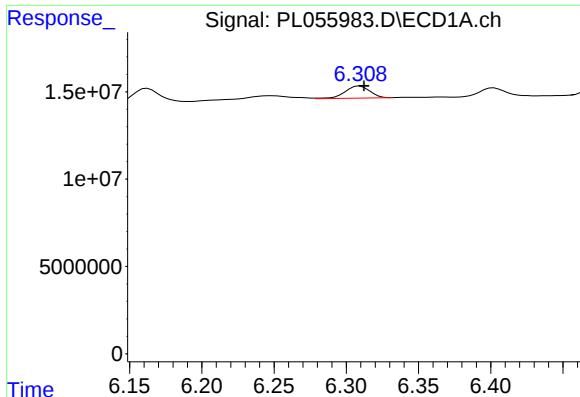
#14 Endrin

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 12100916
Conc: 0.96 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 2323396
Conc: 0.92 ng/ml



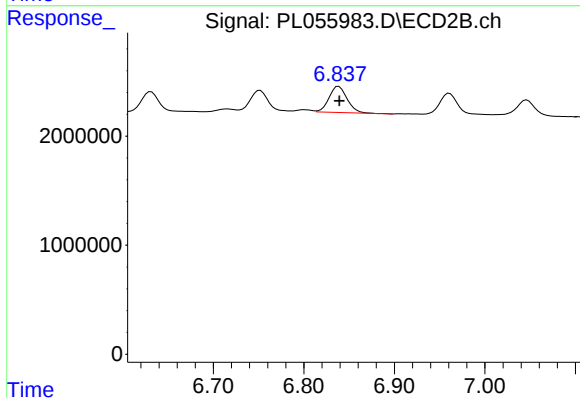
#15 Endosulfan II

R.T.: 6.309 min
Delta R.T.: -0.003 min
Response: 8238048
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

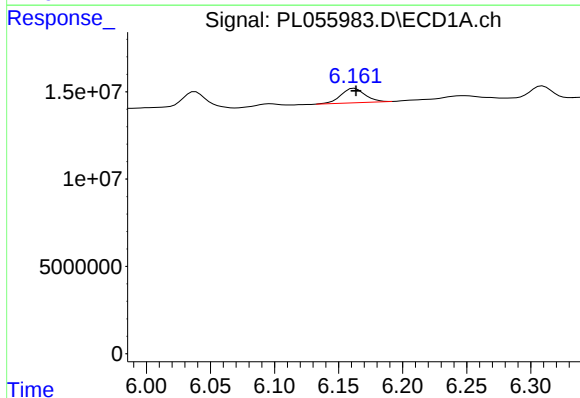
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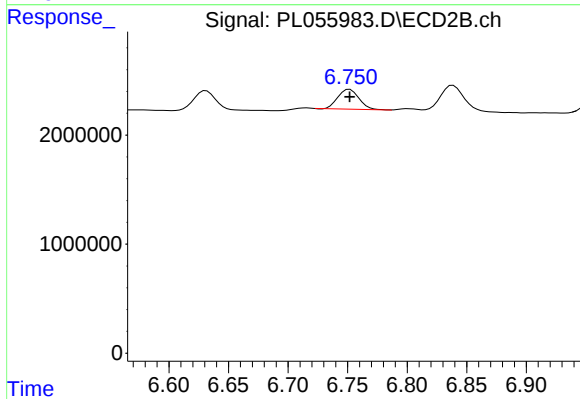
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 3336427
Conc: 1.24 ng/ml



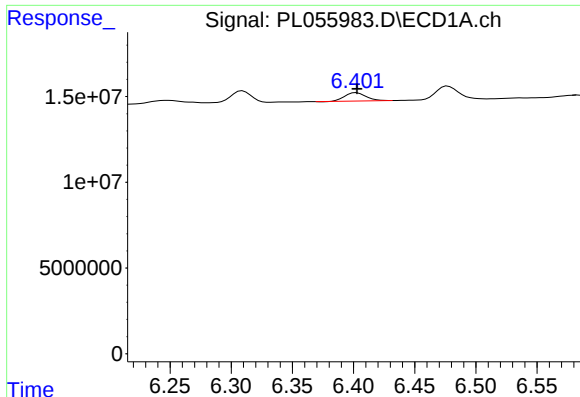
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 10900716
Conc: 1.09 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2252306
Conc: 0.98 ng/ml



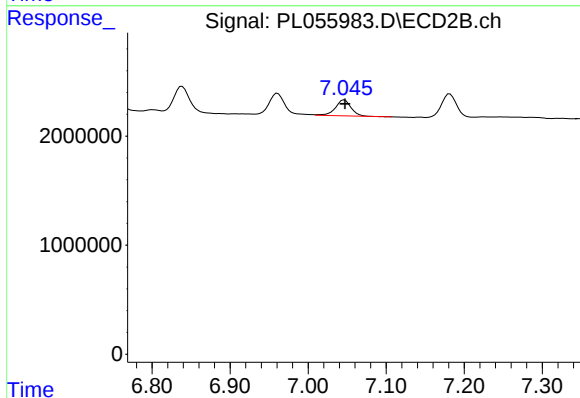
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 5851245
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

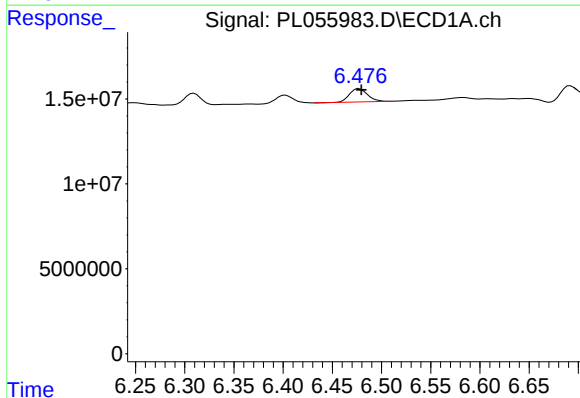
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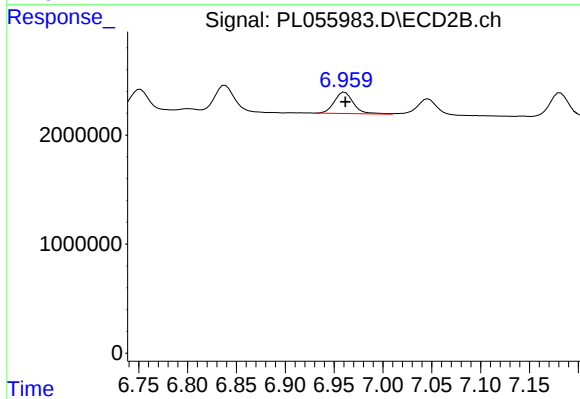
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.001 min
Response: 2054579
Conc: 0.91 ng/ml



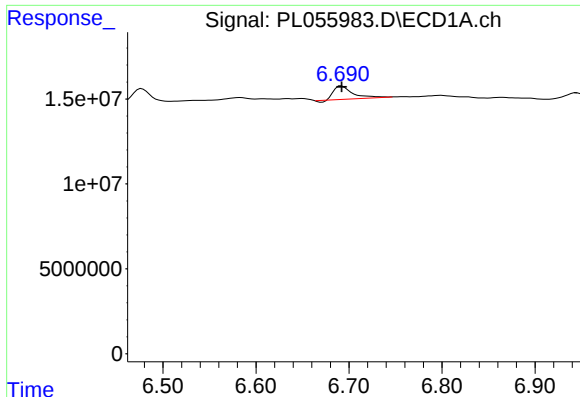
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 9924123
Conc: 0.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 2685678
Conc: 1.19 ng/ml



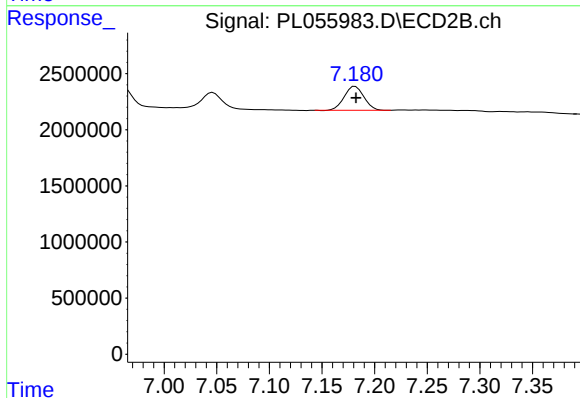
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 11219492
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

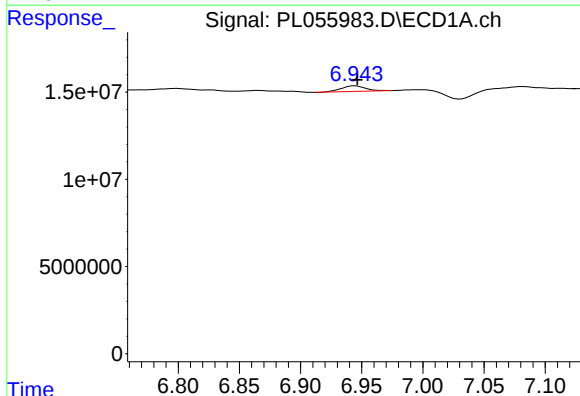
Manual Integrations
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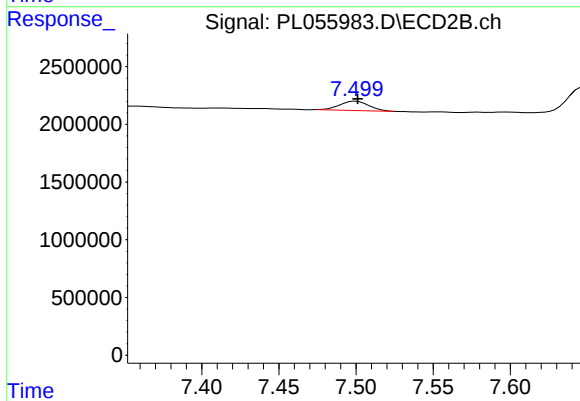
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 2783233
Conc: 1.12 ng/ml



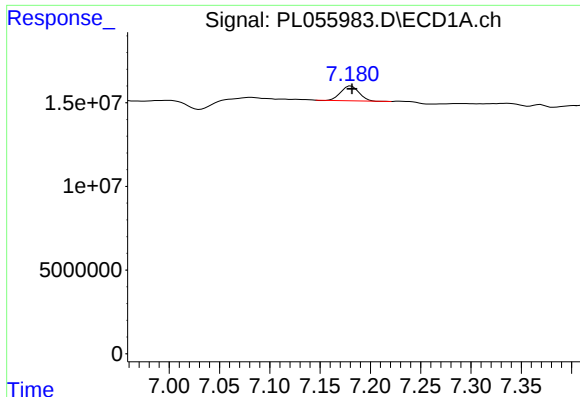
#20 Methoxychlor

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 4375779
Conc: 0.84 ng/ml



#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 1065025
Conc: 0.89 ng/ml m



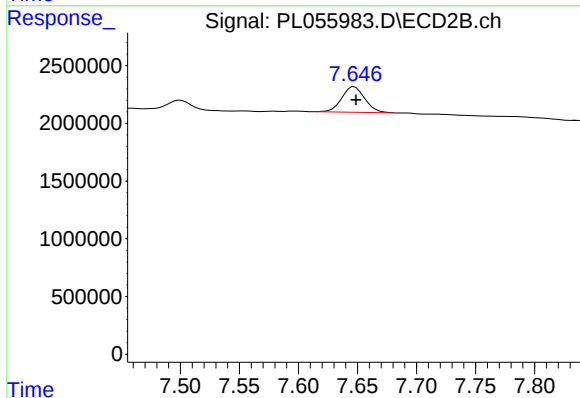
#21 Endrin ketone

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 11088697
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

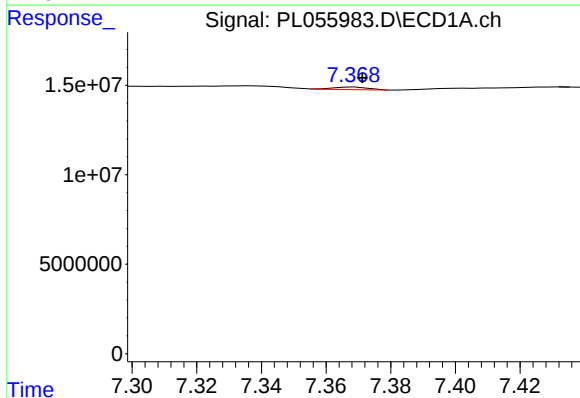
Manual Integrations
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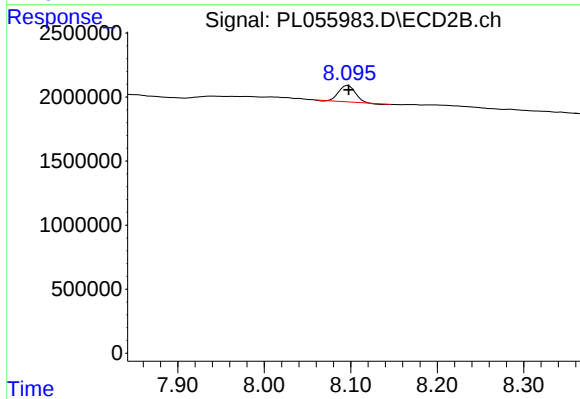
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 3000334
Conc: 1.14 ng/ml m



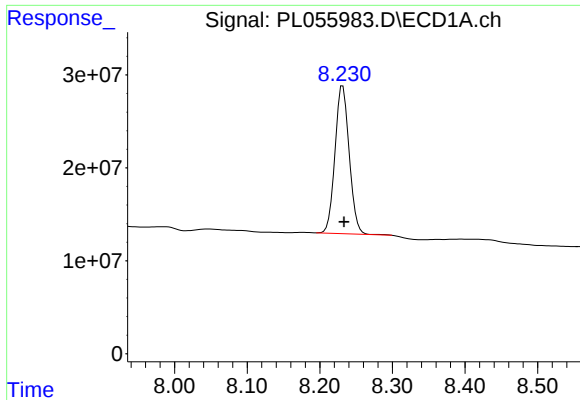
#22 Mirex

R.T.: 7.368 min
Delta R.T.: -0.004 min
Response: 1115437
Conc: 0.16 ng/ml m



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 1621157
Conc: 0.89 ng/ml



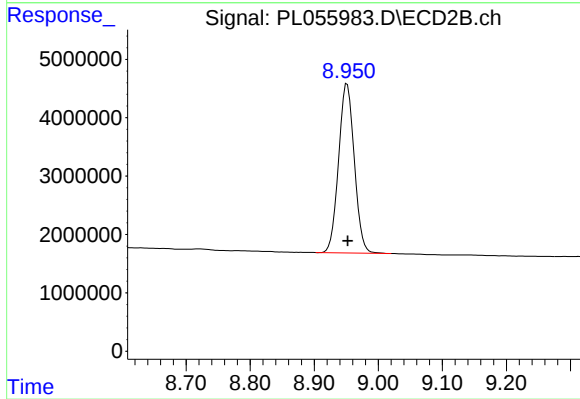
#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 216240075
Conc: 20.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

Manual Integrations
APPROVED

Ankita
1/23/2020 9:45:33 AM



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 49268638
Conc: 21.51 ng/ml