

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050721\
 Data File : PD062765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2021 14:27
 Operator : AR\AJ
 Sample : M2262-01
 Misc : LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 08:07:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 08:49:38 2021
 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...	3.442	3.971	14746441	195.0E6	16.584	16.843
28) SA Decachlor...	8.202	9.030	17689433	200.0E6	16.708	17.333
Target Compounds						
2) A alpha-BHC	3.878	4.360	1279007	22244440	0.920	1.155 #
3) MA gamma-BHC...	4.161	4.644	1670653	14870412	1.279	0.860 #
4) MA Heptachlor	4.462	5.152	987127	16753079	0.778	0.954
5) MB Aldrin	4.711	5.457	1028626	16206447	0.854	0.969
6) B beta-BHC	4.411	4.814	716291	7543737	1.196m	0.989
7) B delta-BHC	4.616	5.028	999970	32771280	0.742	1.815m#
8) B Heptachlo...	5.154	5.847	1020722	34193562	0.882	2.141 #
9) A Endosulfan I	5.493	6.200	1037673	15266127	0.947	1.034
10) B gamma-Chl...	5.381	6.077	1024191	15941860	0.870	1.002
11) B alpha-Chl...	5.440	6.150	1055306	16300090	0.911	1.068
12) B 4,4'-DDE	5.602	6.306	1066912	14870086	0.928m	0.939
13) MA Dieldrin	5.737	6.456	1092628	15826655	0.910	0.980
14) MA Endrin	5.995	6.675	1267919	14258235	1.141	1.014
15) B Endosulfa...	6.268	6.883	1078161	16670338	1.035	1.248
16) A 4,4'-DDD	6.119	6.797	746379	12884603	0.784m	0.997 #
17) MA 4,4'-DDT	6.361	7.095	742557	10635538	0.773m	0.835
18) B Endrin al...	6.435	7.008	1008654	12451560	1.081m	1.067
19) B Endosulfa...	6.651	7.231	857010	15090279	0.818	1.085 #
20) A Methoxychlor	6.907	7.553	466677	7927082	0.793m	1.188m#
21) B Endrin ke...	7.142	7.701	1031755	11907948	0.828	0.877
22) Mirex	7.330	8.157	1043934	13483033	1.140	1.472 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050721\
Data File : PD062765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2021 14:27
Operator : AR\AJ
Sample : M2262-01
Misc : LOD 1 PPB
ALS Vial : 6 Sample Multiplier: 1

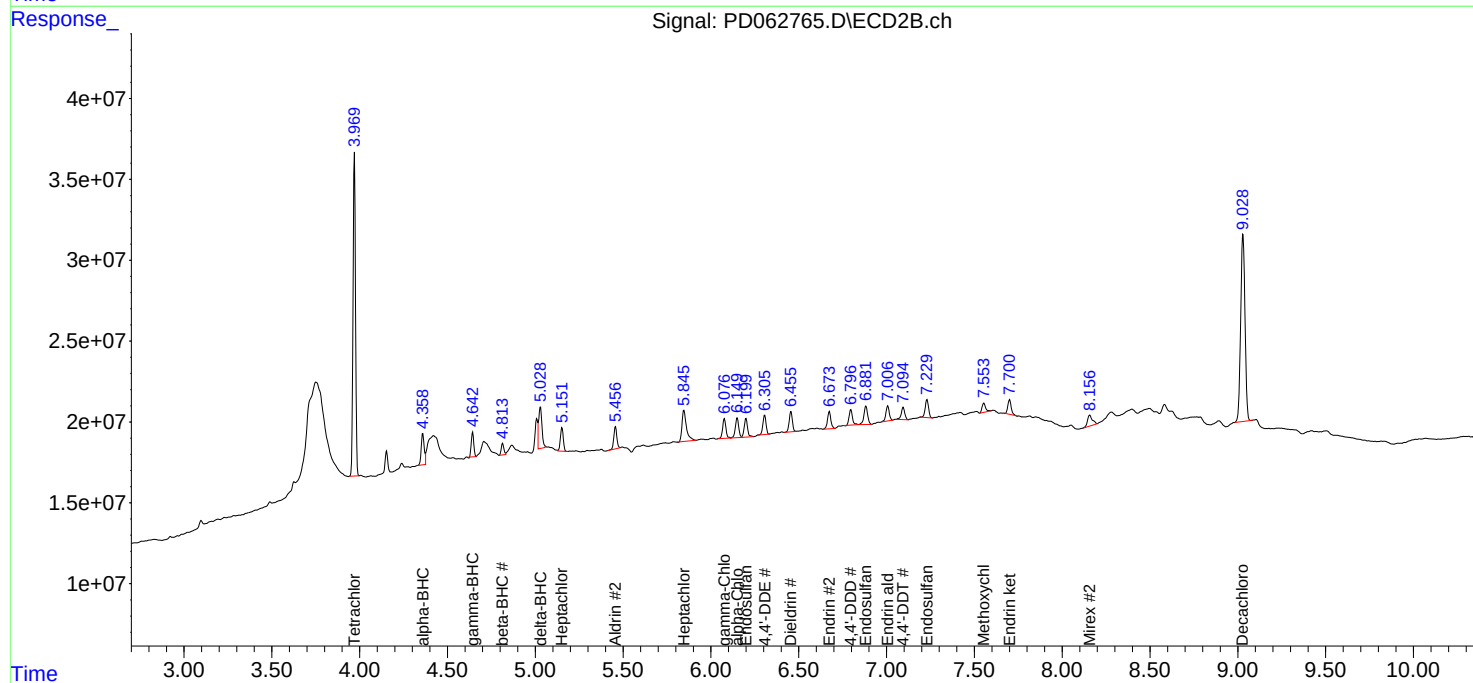
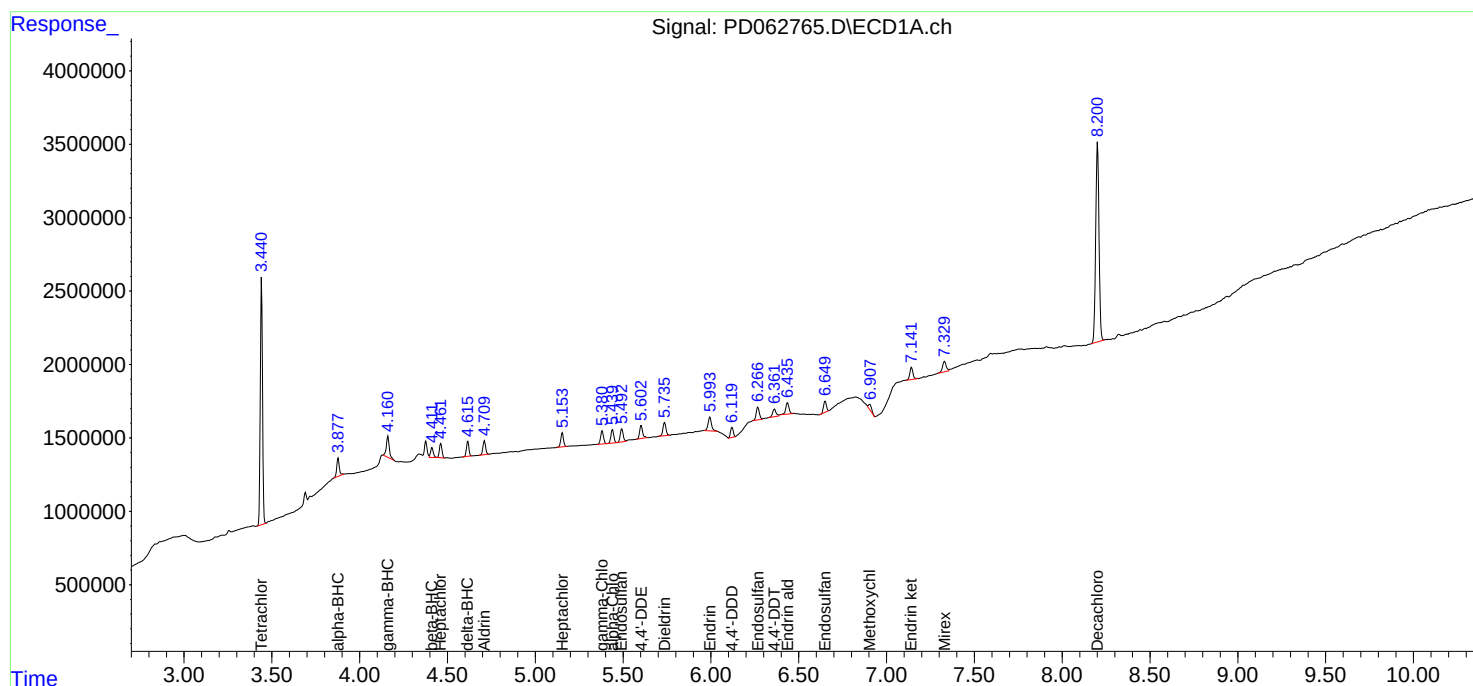
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

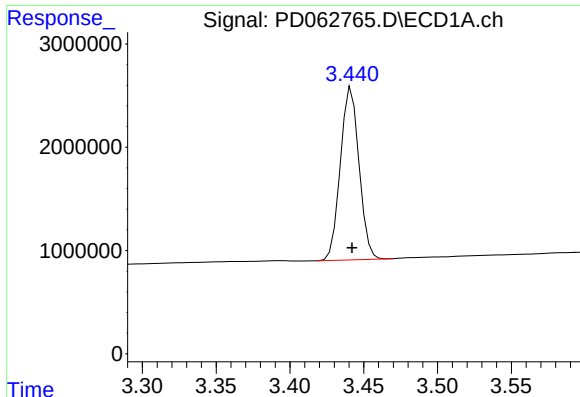
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 08:07:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
Quant Title : GC Extractables
QLast Update : Thu May 06 08:49:38 2021
Response 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





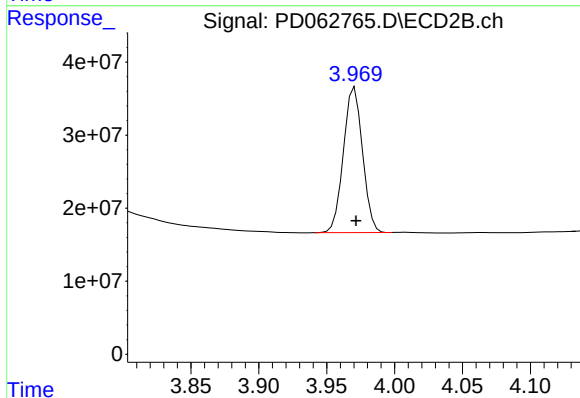
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 14746441
Conc: 16.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

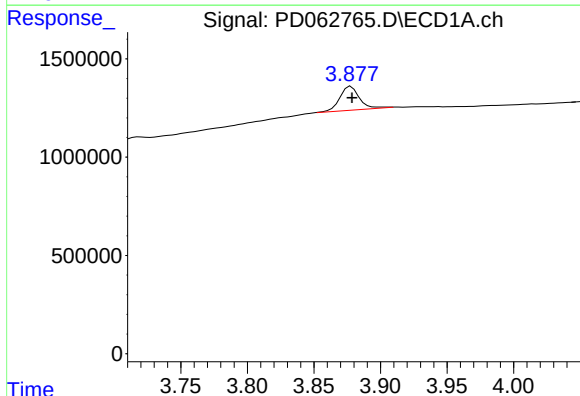
Manual Integrations
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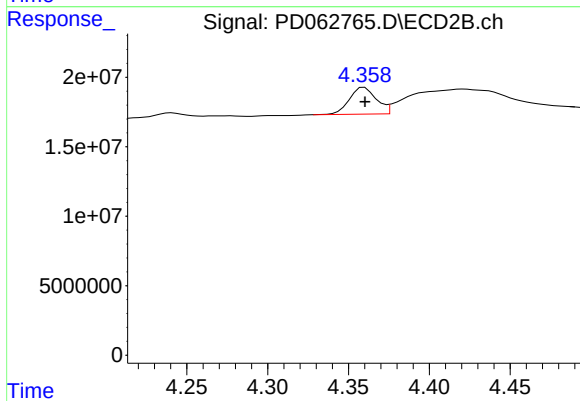
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 194985504
Conc: 16.84 ng/ml



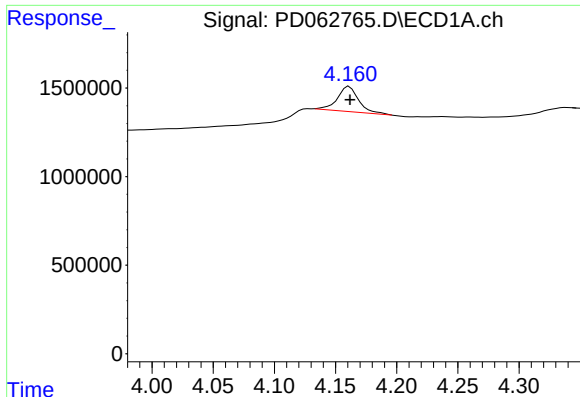
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 1279007
Conc: 0.92 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 22244440
Conc: 1.16 ng/ml



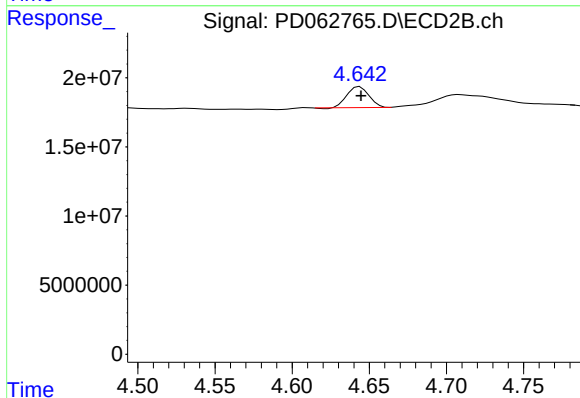
#3 gamma-BHC (Lindane)

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 1670653
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

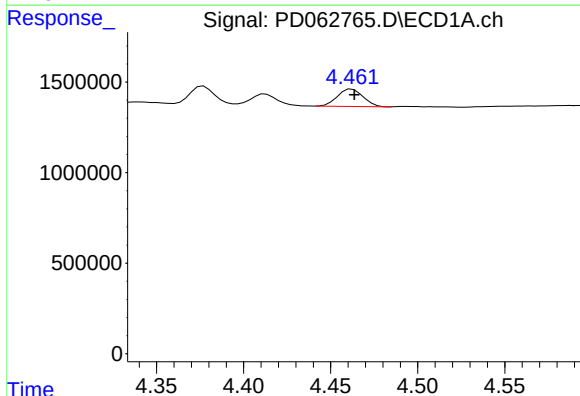
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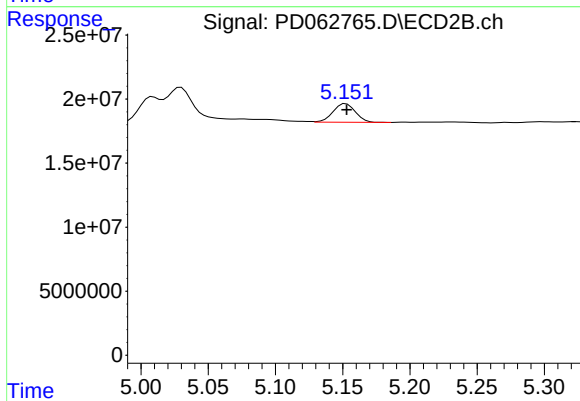
#3 gamma-BHC (Lindane)

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 14870412
Conc: 0.86 ng/ml



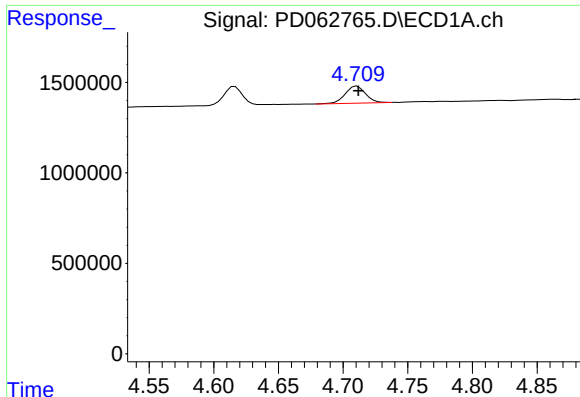
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: -0.001 min
Response: 987127
Conc: 0.78 ng/ml



#4 Heptachlor

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 16753079
Conc: 0.95 ng/ml



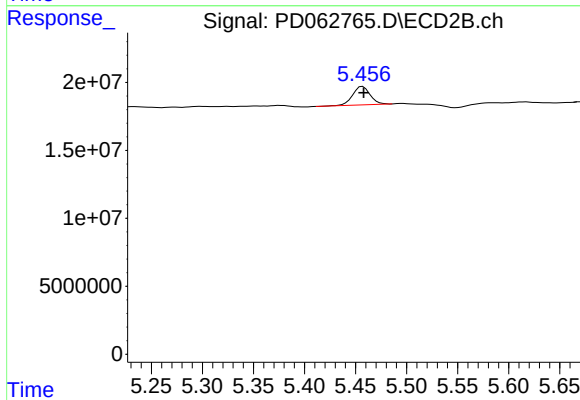
#5 Aldrin

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 1028626
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

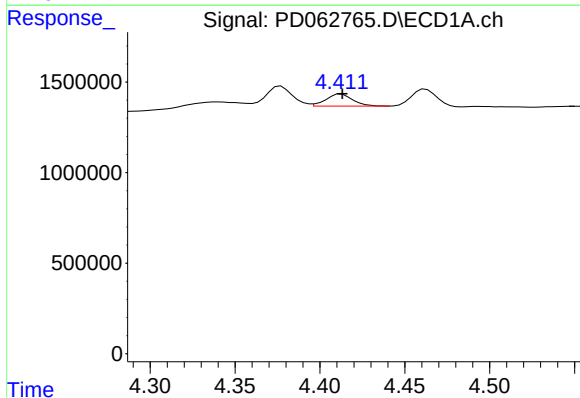
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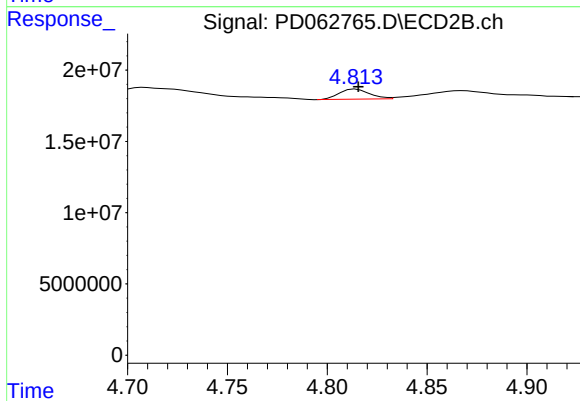
#5 Aldrin

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 16206447
Conc: 0.97 ng/ml



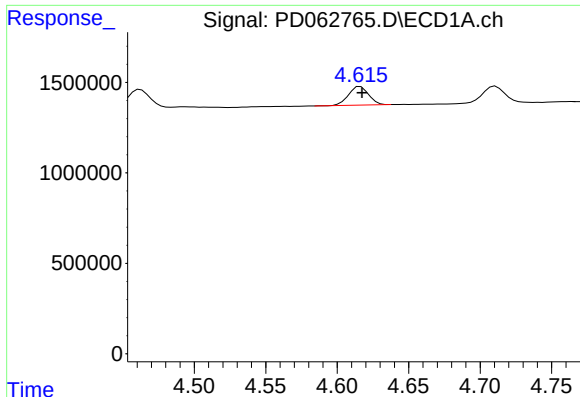
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.002 min
Response: 716291
Conc: 1.20 ng/ml m



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: -0.001 min
Response: 7543737
Conc: 0.99 ng/ml



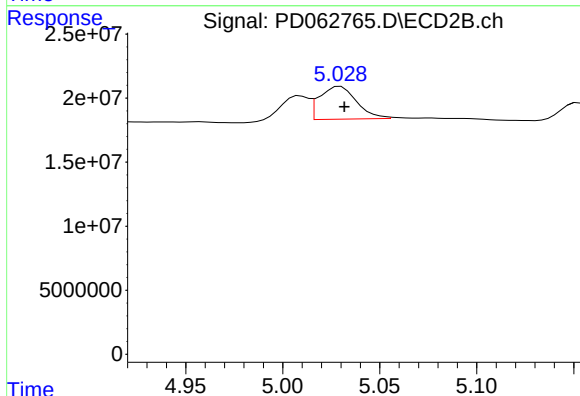
#7 delta-BHC

R.T.: 4.616 min
Delta R.T.: -0.001 min
Response: 999970
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

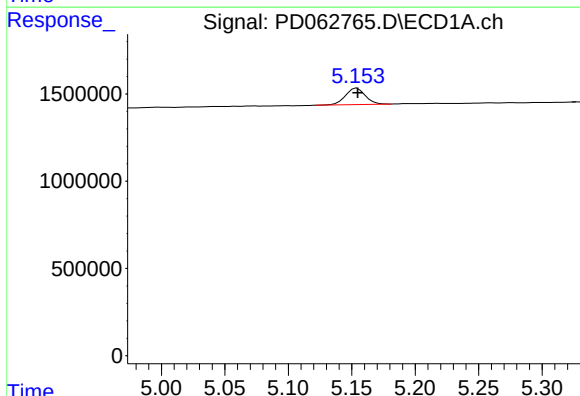
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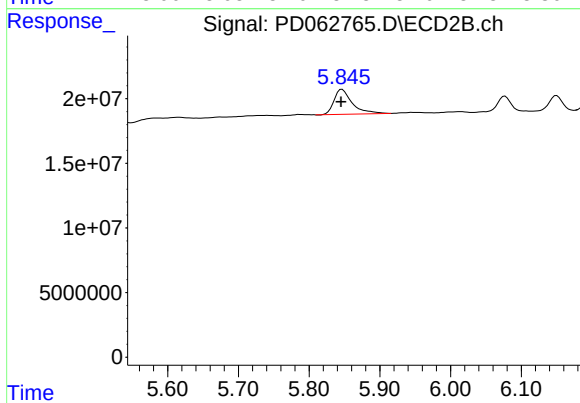
#7 delta-BHC

R.T.: 5.028 min
Delta R.T.: -0.003 min
Response: 32771280
Conc: 1.82 ng/ml m



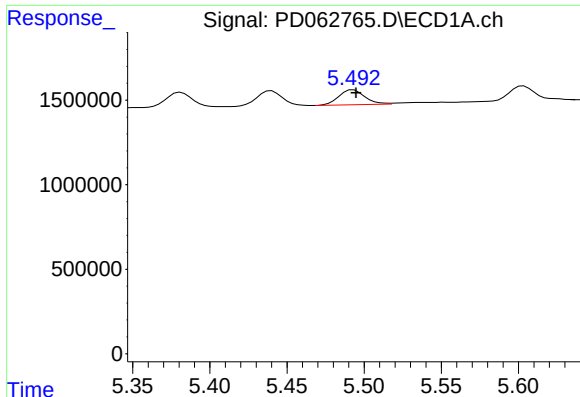
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 1020722
Conc: 0.88 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 34193562
Conc: 2.14 ng/ml



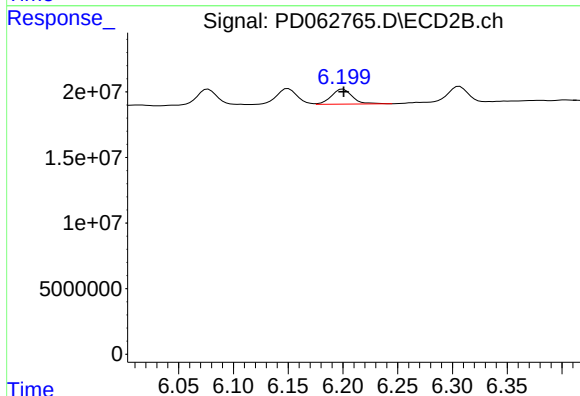
#9 Endosulfan I

R.T.: 5.493 min
Delta R.T.: -0.002 min
Response: 1037673
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

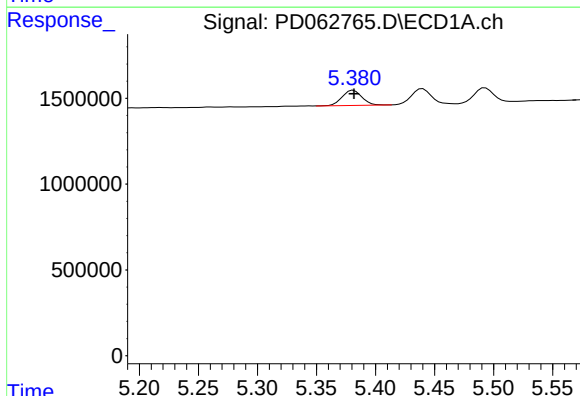
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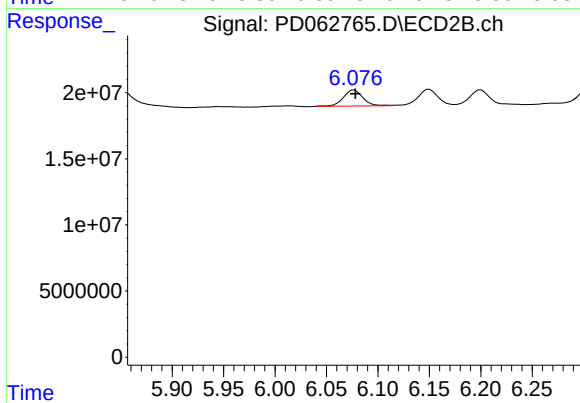
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 15266127
Conc: 1.03 ng/ml



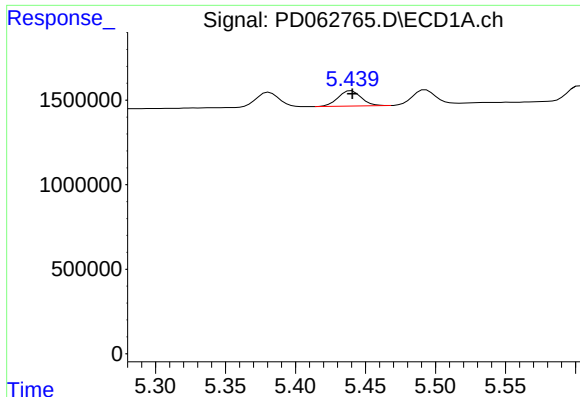
#10 gamma-Chlordane

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 1024191
Conc: 0.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 15941860
Conc: 1.00 ng/ml



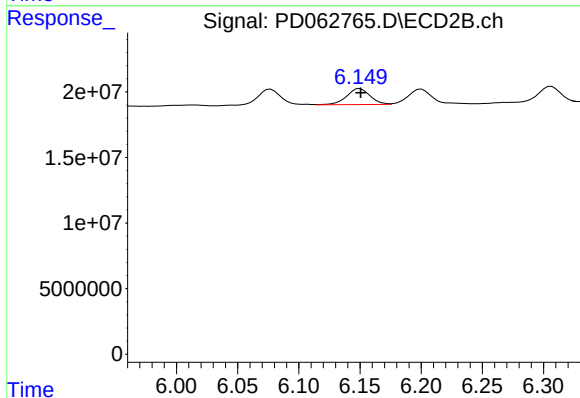
#11 alpha-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 1055306
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

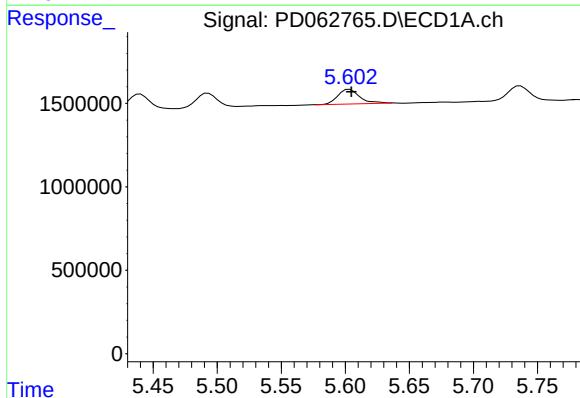
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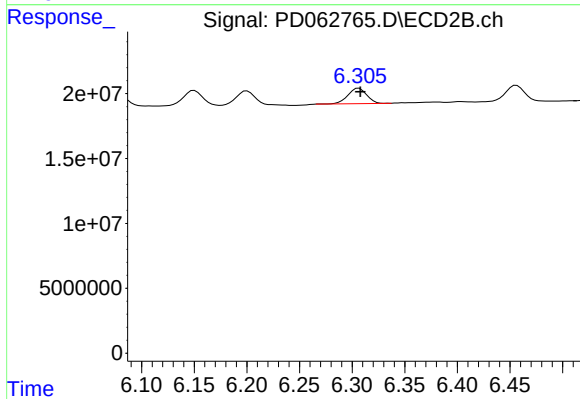
#11 alpha-Chlordane

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 16300090
Conc: 1.07 ng/ml



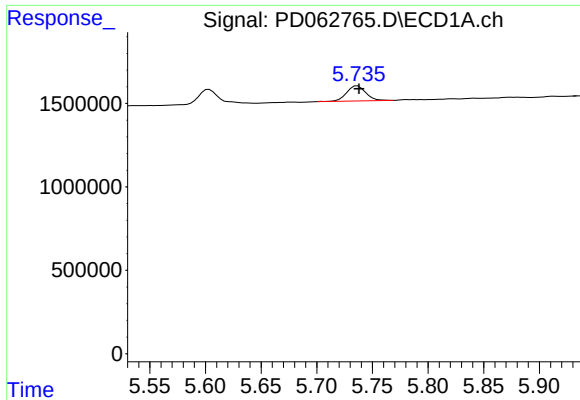
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 1066912
Conc: 0.93 ng/ml m



#12 4,4'-DDE

R.T.: 6.306 min
Delta R.T.: -0.001 min
Response: 14870086
Conc: 0.94 ng/ml



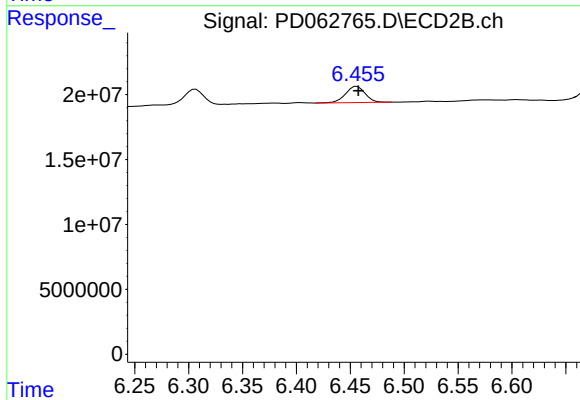
#13 Dieldrin

R.T.: 5.737 min
Delta R.T.: -0.001 min
Response: 1092628
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

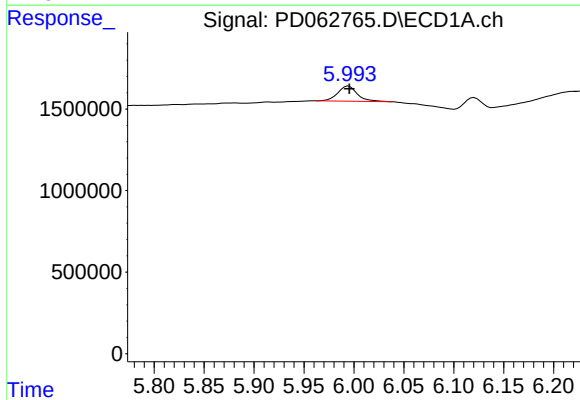
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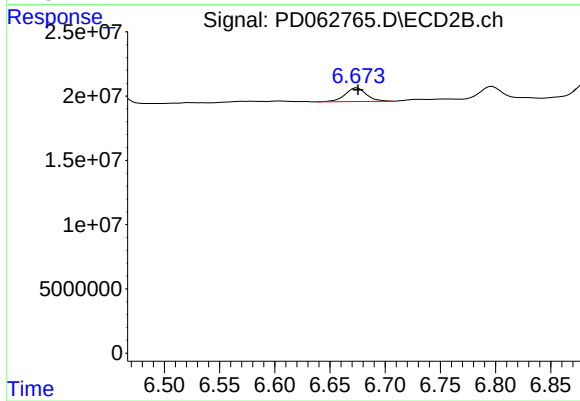
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: -0.001 min
Response: 15826655
Conc: 0.98 ng/ml



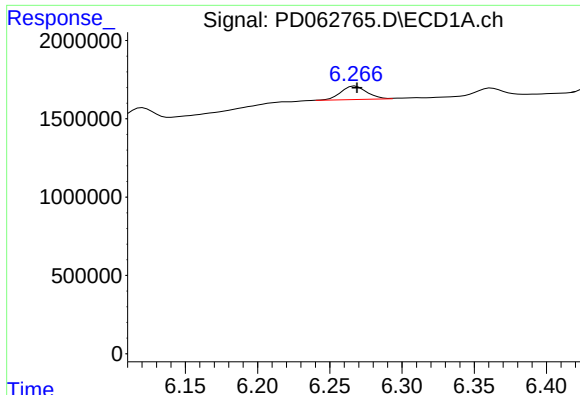
#14 Endrin

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 1267919
Conc: 1.14 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 14258235
Conc: 1.01 ng/ml



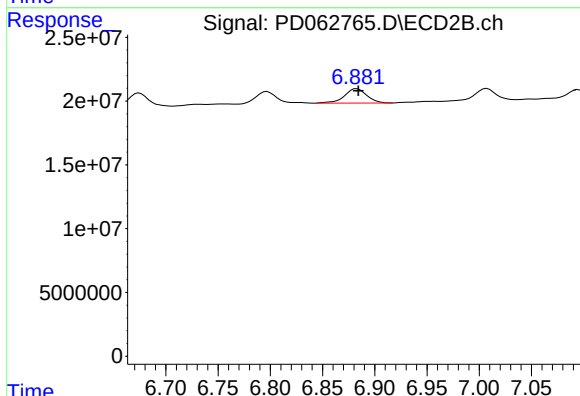
#15 Endosulfan II

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 1078161
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

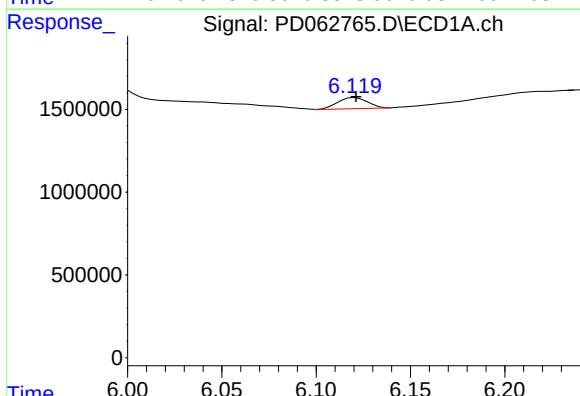
Manual Integrations
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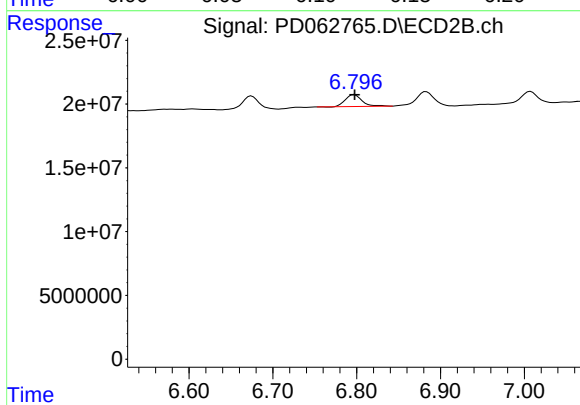
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: -0.001 min
Response: 16670338
Conc: 1.25 ng/ml



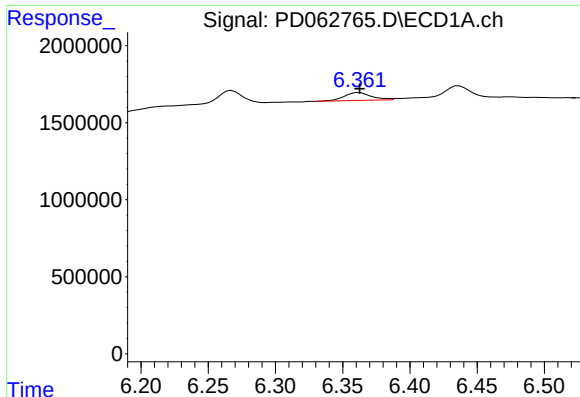
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 746379
Conc: 0.78 ng/ml m



#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 12884603
Conc: 1.00 ng/ml



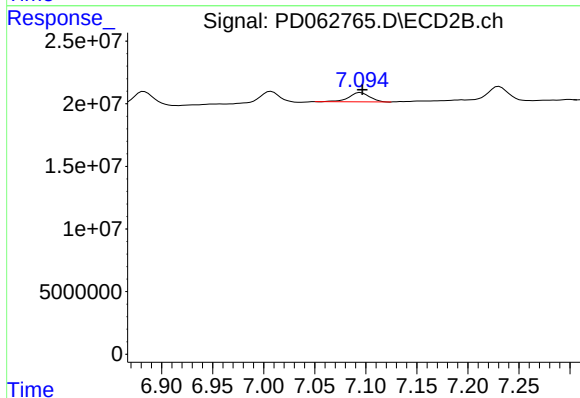
#17 4,4'-DDT

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 742557
Conc: 0.77 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

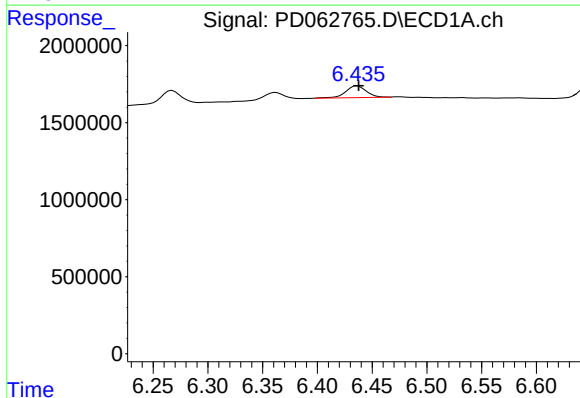
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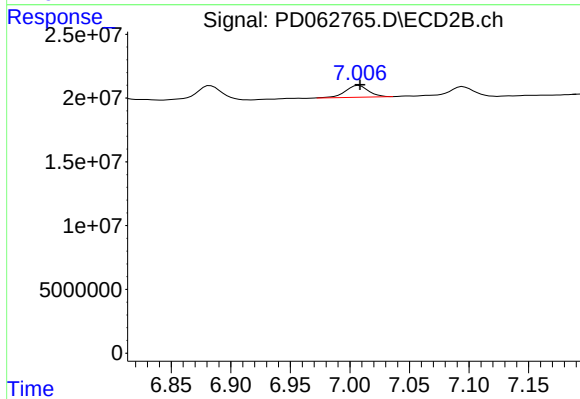
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 10635538
Conc: 0.83 ng/ml



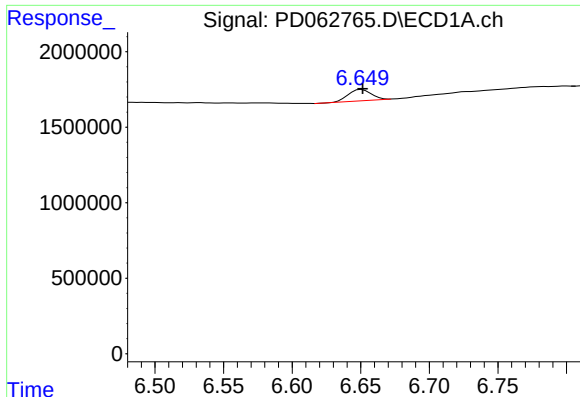
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: -0.003 min
Response: 1008654
Conc: 1.08 ng/ml m



#18 Endrin aldehyde

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 12451560
Conc: 1.07 ng/ml



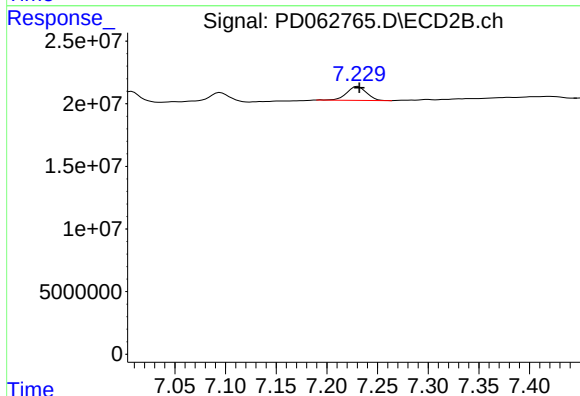
#19 Endosulfan Sulfate

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 857010
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

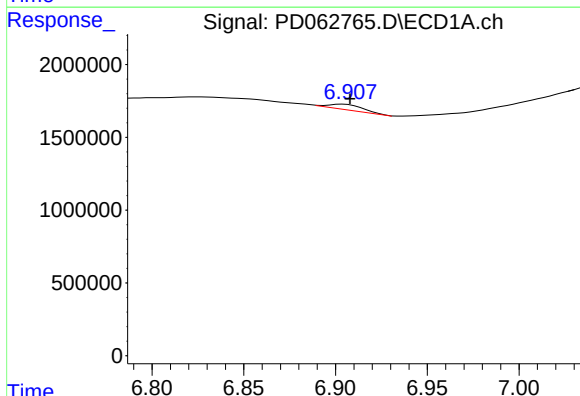
Manual Integrations
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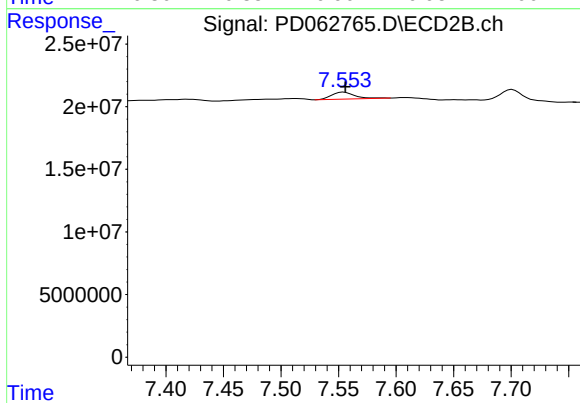
#19 Endosulfan Sulfate

R.T.: 7.231 min
Delta R.T.: -0.001 min
Response: 15090279
Conc: 1.09 ng/ml



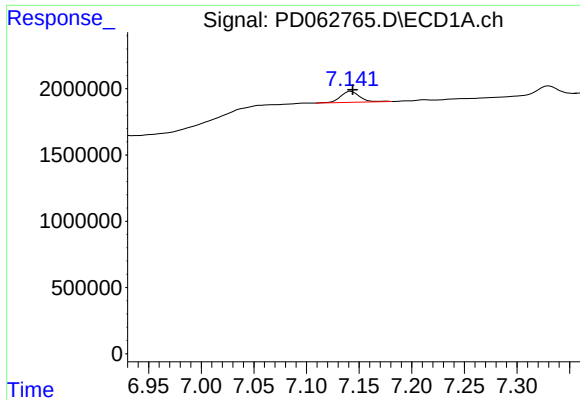
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 466677
Conc: 0.79 ng/ml m



#20 Methoxychlor

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 7927082
Conc: 1.19 ng/ml m



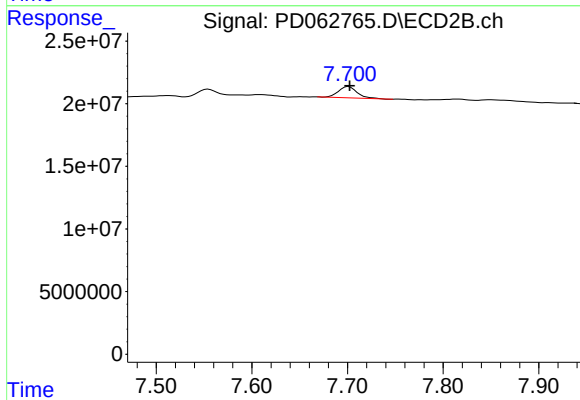
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 1031755
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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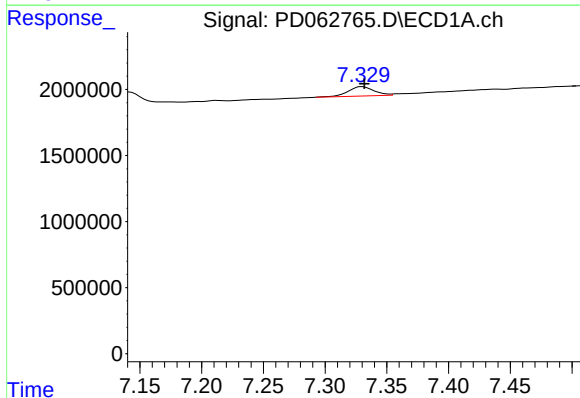
Manual Integrations
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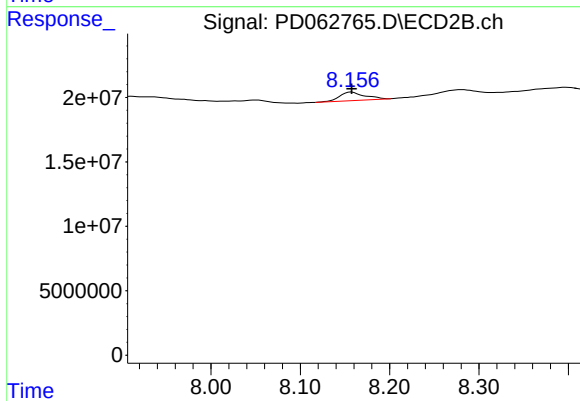
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 11907948
Conc: 0.88 ng/ml



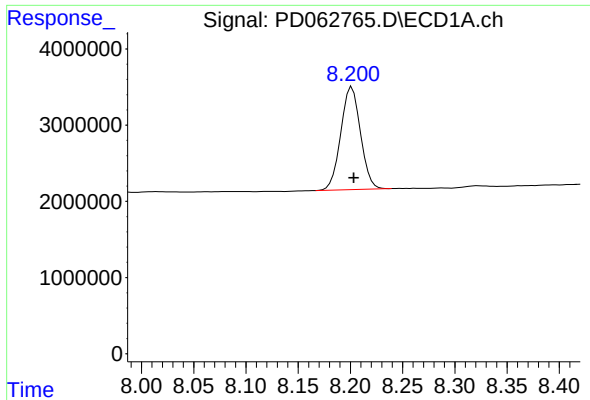
#22 Mirex

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 1043934
Conc: 1.14 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 13483033
Conc: 1.47 ng/ml



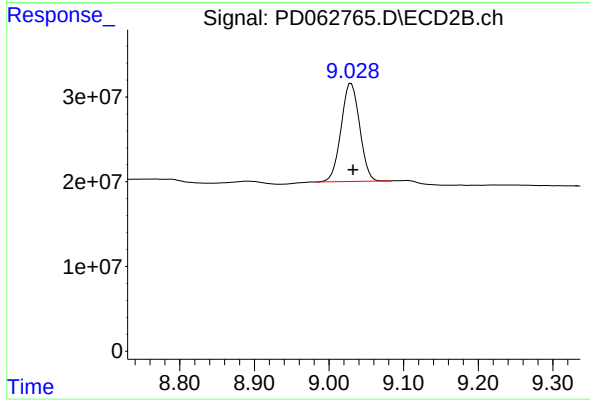
#28 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: -0.002 min
Response: 17689433
Conc: 16.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

Ankita
5/7/2021 2:00:44 PM



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.002 min
Response: 200007392
Conc: 17.33 ng/ml