

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072121\
 Data File : PL068339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2021 12:03
 Operator : AR\AJ
 Sample : M2940-03
 Misc : MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 01:21:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.646	5.572	7903771	19150864	18.416	18.767
28)	SA Decachlor...	10.424	11.499	10689293	17566387	19.006	19.693
Target Compounds							
2)	A alpha-BHC	5.353	6.152	639058	930228	1.092	0.684 #
3)	MA gamma-BHC...	5.776	6.548	489859	996741	0.862	0.773
4)	MA Heptachlor	6.189	7.199	483435	950695	0.793	0.729
5)	MB Aldrin	6.514	7.570	457491	828973	0.814	0.699
6)	B beta-BHC	6.154	6.802	280001	695952	0.957m	0.985
7)	B delta-BHC	6.416	7.068	476428	799936	0.853m	0.653
8)	B Heptachlo...	7.091	8.037	529374	888081	0.953	0.785
9)	A Endosulfan I	7.495	8.443	517759	887692	0.980	0.862
10)	B gamma-Chl...	7.370	8.305	617523	929906	1.076	0.826
11)	B alpha-Chl...	7.438	8.387	527294	973082	0.918m	0.865
12)	B 4,4'-DDE	7.654	8.574	443660	750980	0.880	0.729
13)	MA Dieldrin	7.782	8.731	482309	1011704	0.896	0.954
14)	MA Endrin	8.072	8.970	376429	676939	0.753m	0.757m
15)	B Endosulfa...	8.384	9.203	477744	851413	0.968	0.939m
16)	A 4,4'-DDD	8.239	9.111	395208	743336	0.885	0.873m
17)	MA 4,4'-DDT	8.502	9.432	409912	612189	0.817	0.649
18)	B Endrin al...	8.572	9.338	413428	708515	1.044	0.983m
19)	B Endosulfa...	8.803	9.577	554575	806798	1.055	0.896
20)	A Methoxychlor	9.095	9.916	259155	447417	0.828m	0.881
21)	B Endrin ke...	9.323	10.076	533208	966877	0.901	0.969
22)	Mirex	9.512	10.544	508476	832913	1.030	1.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072121\
Data File : PL068339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2021 12:03
Operator : AR\AJ
Sample : M2940-03
Misc : MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

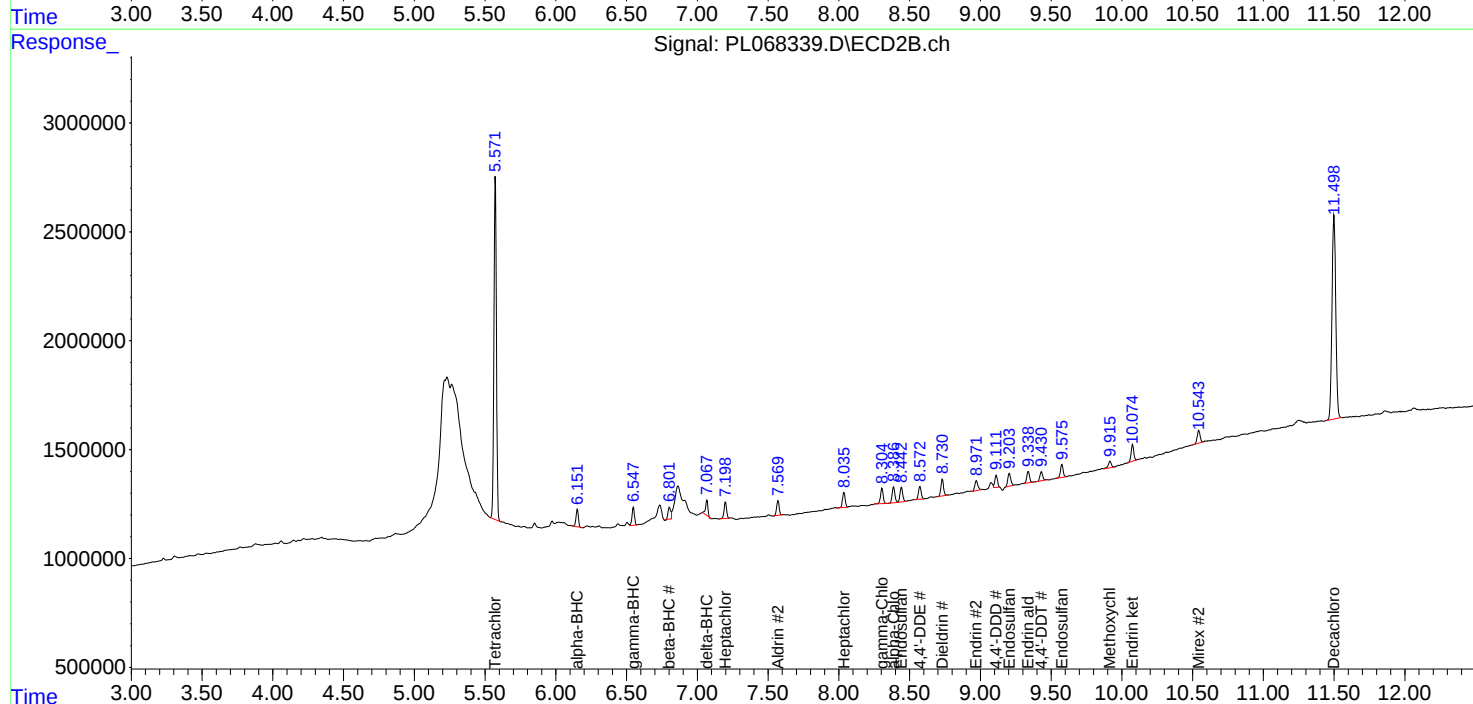
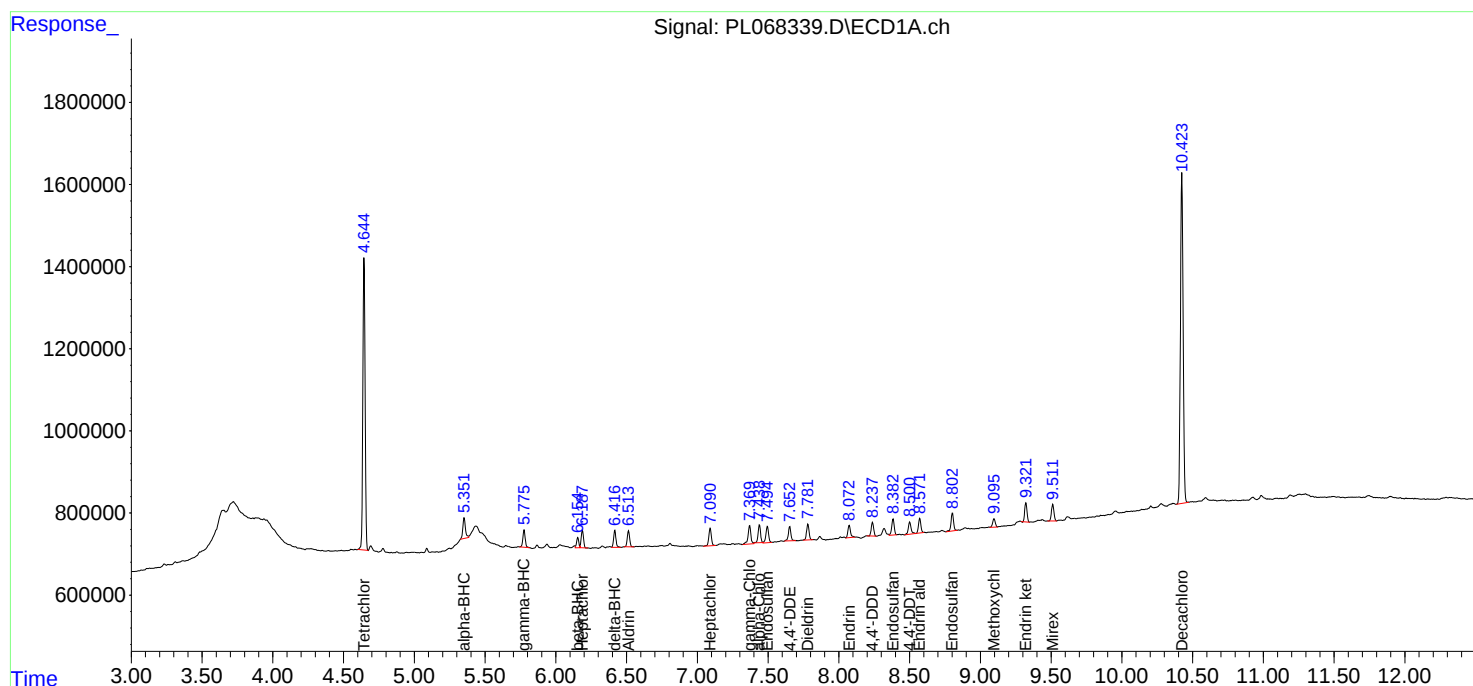
Instrument :
ECD_L
ClientSampleID :
MDL-SOIL-03-QT3-2021

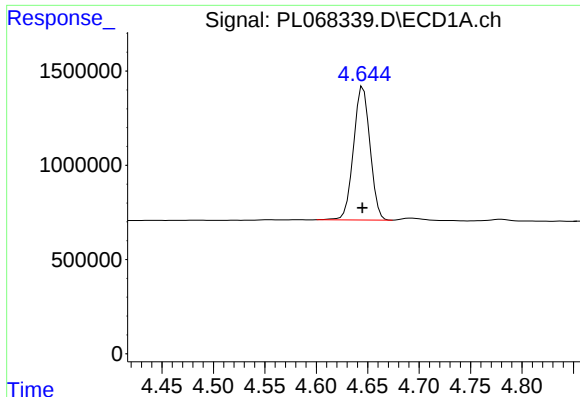
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:21:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response 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





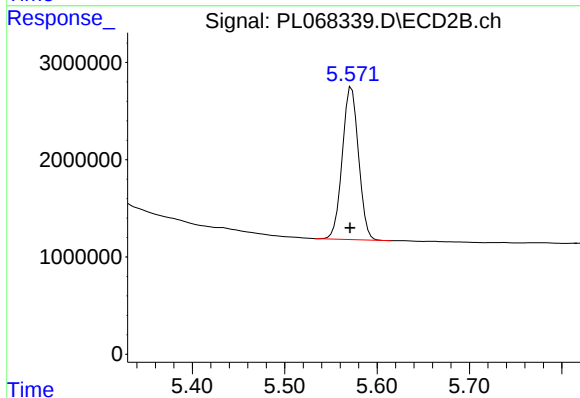
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 7903771
Conc: 18.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

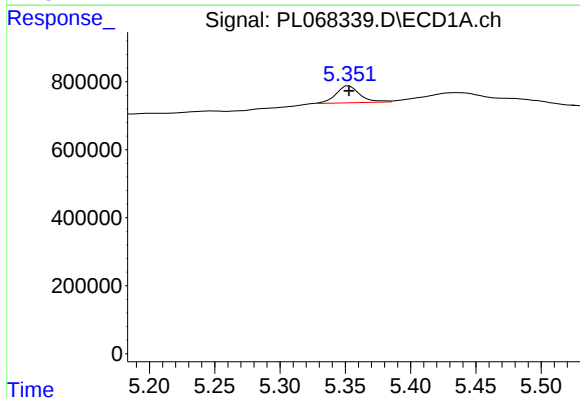
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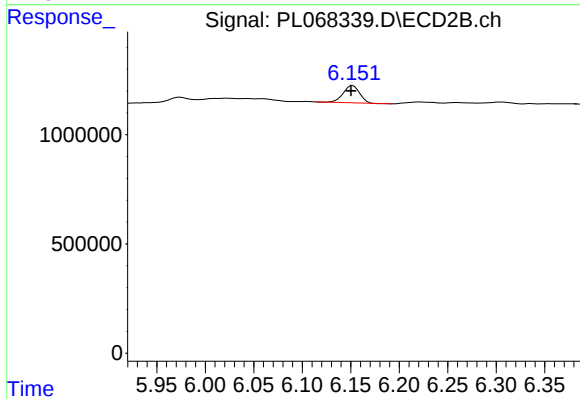
#1 Tetrachloro-m-xylene

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 19150864
Conc: 18.77 ng/ml



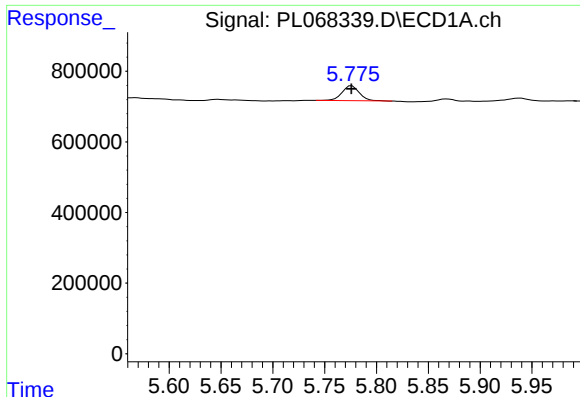
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 639058
Conc: 1.09 ng/ml



#2 alpha-BHC

R.T.: 6.152 min
Delta R.T.: 0.002 min
Response: 930228
Conc: 0.68 ng/ml



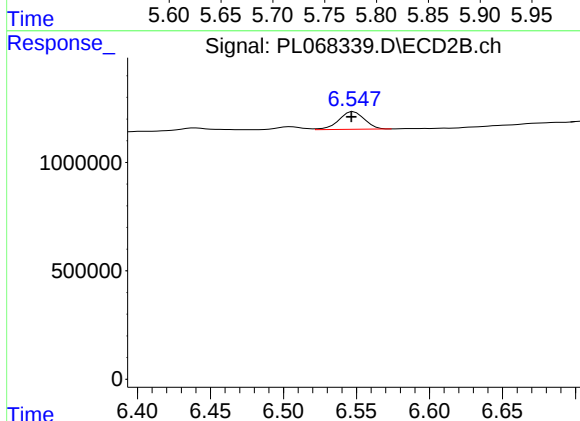
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 489859
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

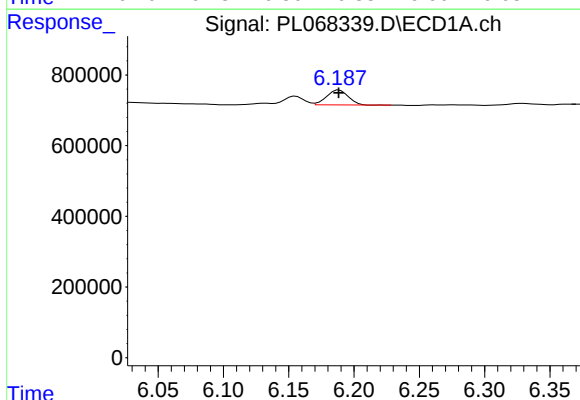
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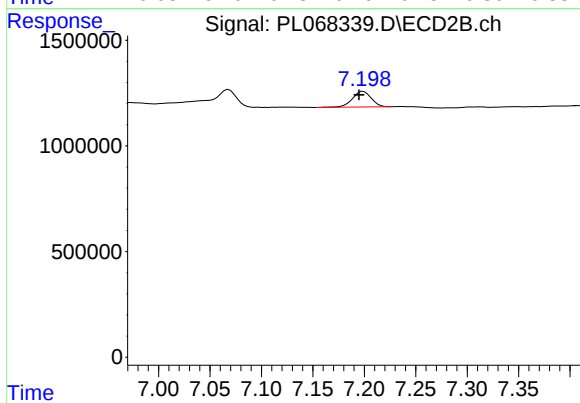
#3 gamma-BHC (Lindane)

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 996741
Conc: 0.77 ng/ml



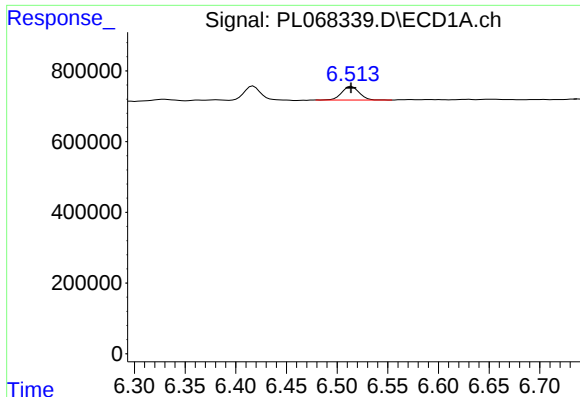
#4 Heptachlor

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 483435
Conc: 0.79 ng/ml



#4 Heptachlor

R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 950695
Conc: 0.73 ng/ml



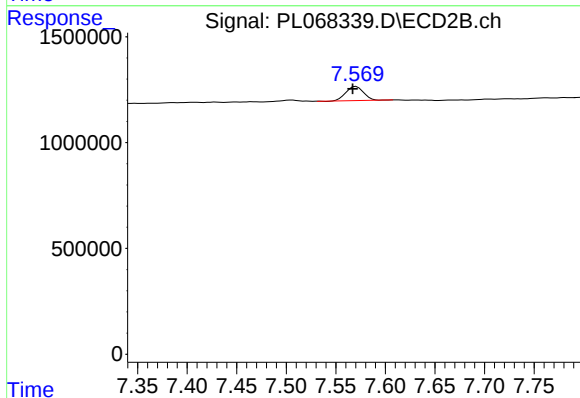
#5 Aldrin

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 457491
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

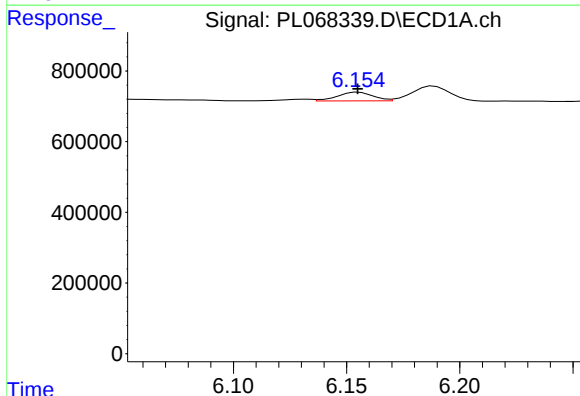
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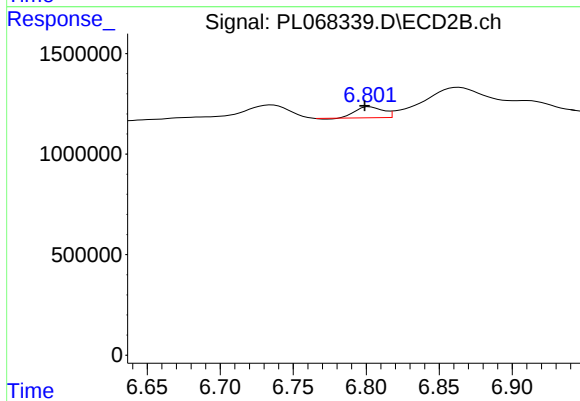
#5 Aldrin

R.T.: 7.570 min
Delta R.T.: 0.003 min
Response: 828973
Conc: 0.70 ng/ml



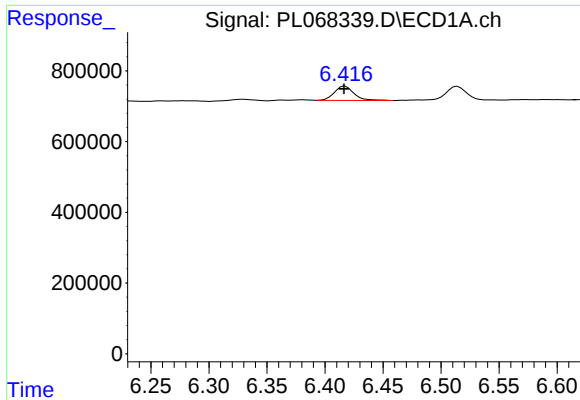
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 280001
Conc: 0.96 ng/ml m



#6 beta-BHC

R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 695952
Conc: 0.99 ng/ml



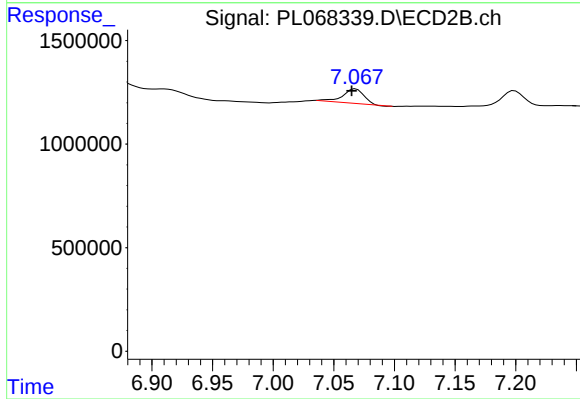
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 476428
Conc: 0.85 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

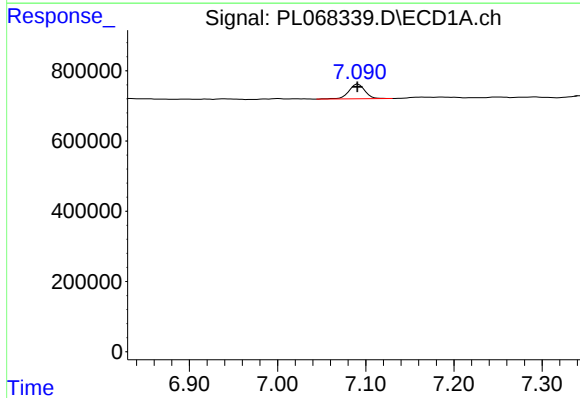
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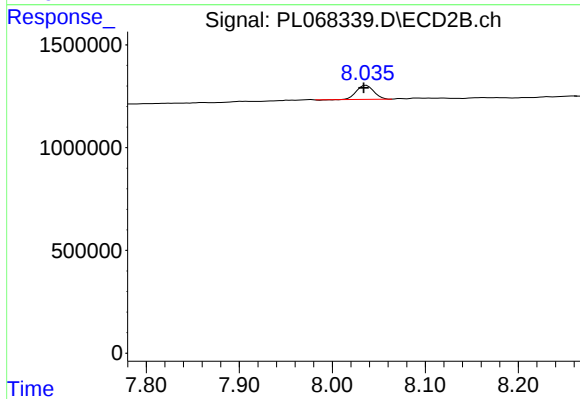
#7 delta-BHC

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 799936
Conc: 0.65 ng/ml



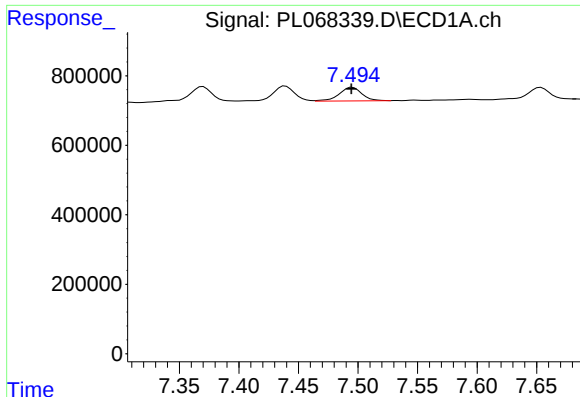
#8 Heptachlor epoxide

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 529374
Conc: 0.95 ng/ml



#8 Heptachlor epoxide

R.T.: 8.037 min
Delta R.T.: 0.003 min
Response: 888081
Conc: 0.79 ng/ml



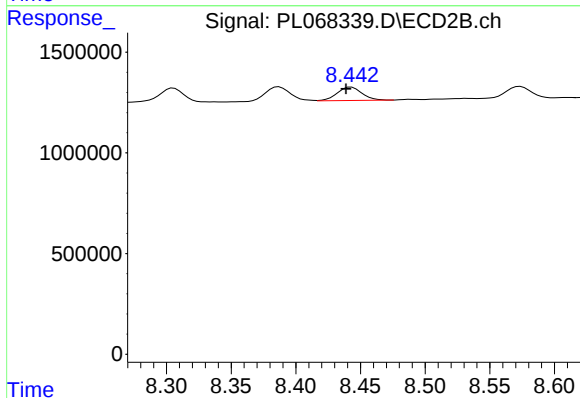
#9 Endosulfan I

R.T.: 7.495 min
Delta R.T.: 0.001 min
Response: 517759
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

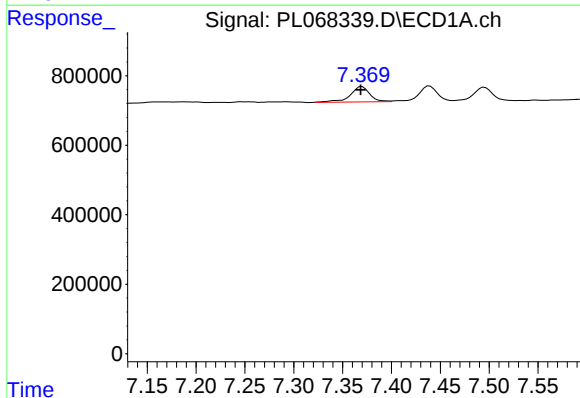
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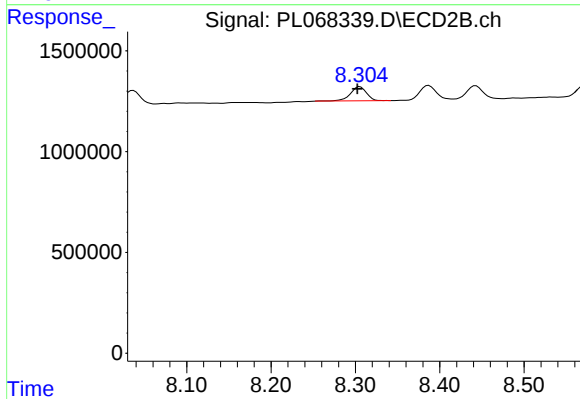
#9 Endosulfan I

R.T.: 8.443 min
Delta R.T.: 0.004 min
Response: 887692
Conc: 0.86 ng/ml



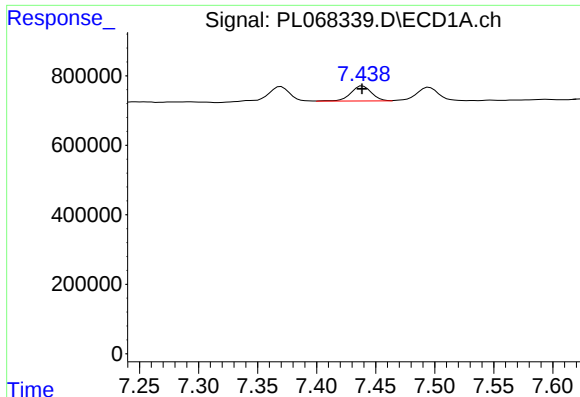
#10 gamma-Chlordane

R.T.: 7.370 min
Delta R.T.: 0.001 min
Response: 617523
Conc: 1.08 ng/ml



#10 gamma-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.003 min
Response: 929906
Conc: 0.83 ng/ml



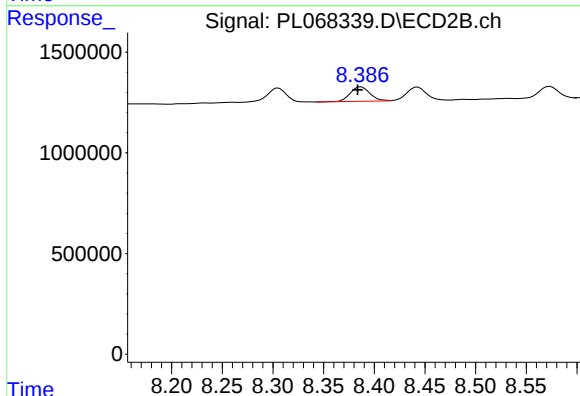
#11 alpha-Chlordane

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 527294
Conc: 0.92 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

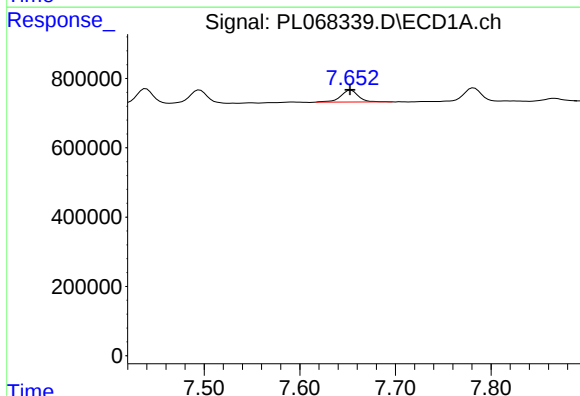
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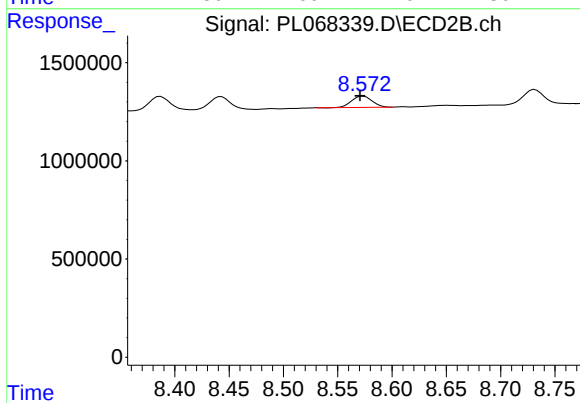
#11 alpha-Chlordane

R.T.: 8.387 min
Delta R.T.: 0.003 min
Response: 973082
Conc: 0.87 ng/ml



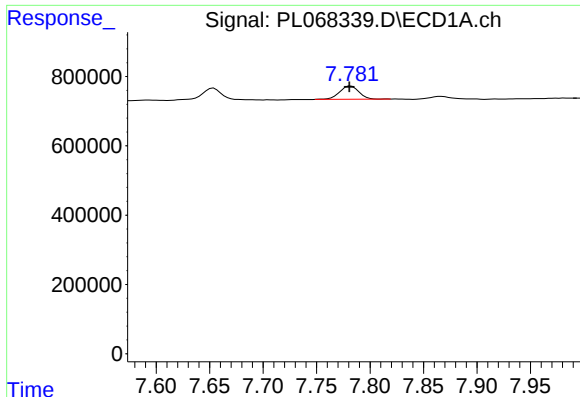
#12 4,4'-DDE

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 443660
Conc: 0.88 ng/ml



#12 4,4'-DDE

R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 750980
Conc: 0.73 ng/ml



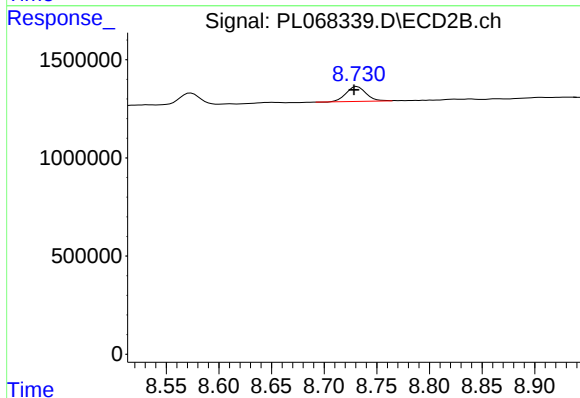
#13 Dieldrin

R.T.: 7.782 min
Delta R.T.: 0.001 min
Response: 482309
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

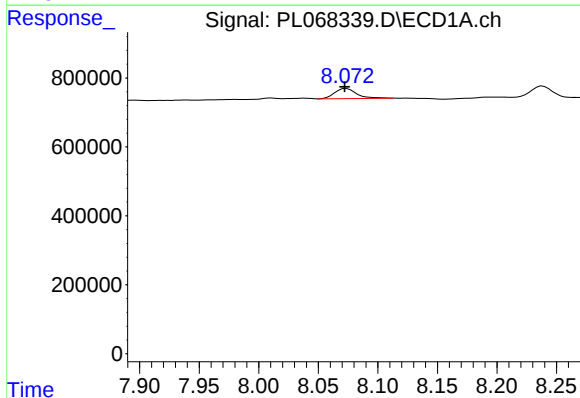
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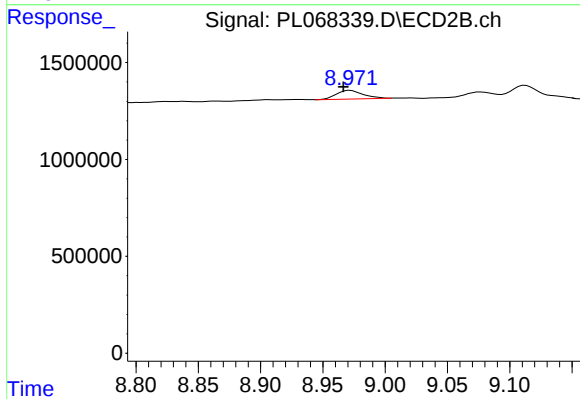
#13 Dieldrin

R.T.: 8.731 min
Delta R.T.: 0.003 min
Response: 1011704
Conc: 0.95 ng/ml



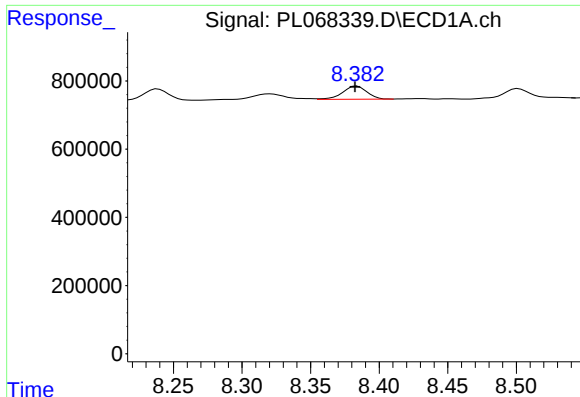
#14 Endrin

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 376429
Conc: 0.75 ng/ml m



#14 Endrin

R.T.: 8.970 min
Delta R.T.: 0.004 min
Response: 676939
Conc: 0.76 ng/ml m



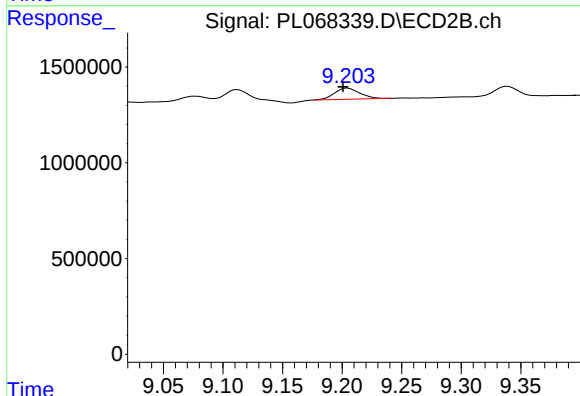
#15 Endosulfan II

R.T.: 8.384 min
Delta R.T.: 0.001 min
Response: 477744
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

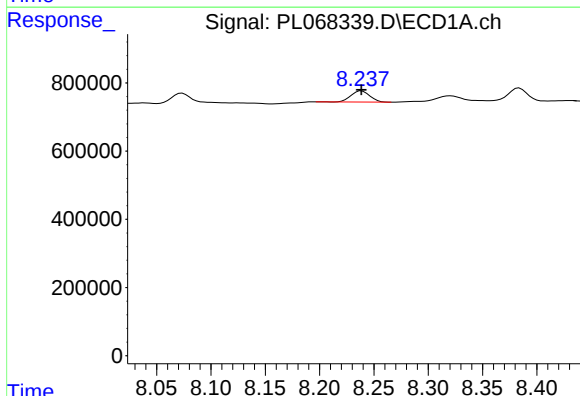
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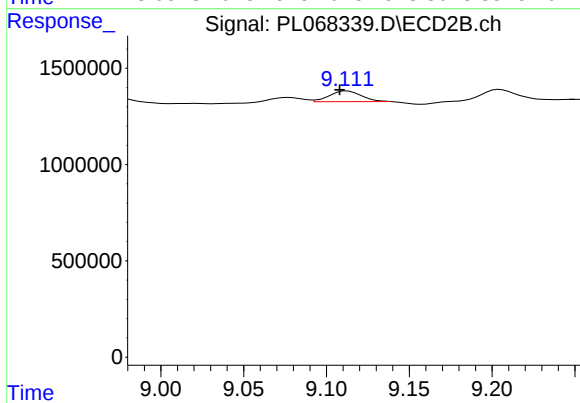
#15 Endosulfan II

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 851413
Conc: 0.94 ng/ml m



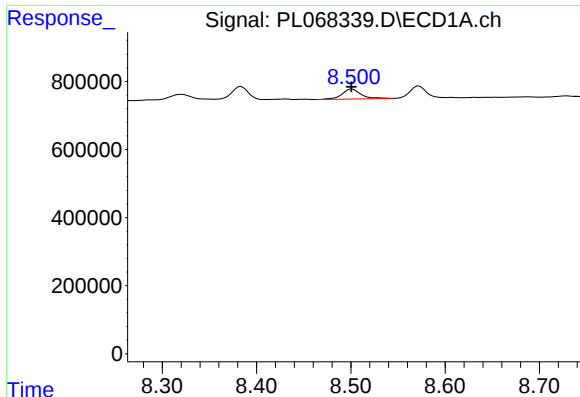
#16 4,4'-DDD

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 395208
Conc: 0.88 ng/ml



#16 4,4'-DDD

R.T.: 9.111 min
Delta R.T.: 0.003 min
Response: 743336
Conc: 0.87 ng/ml m



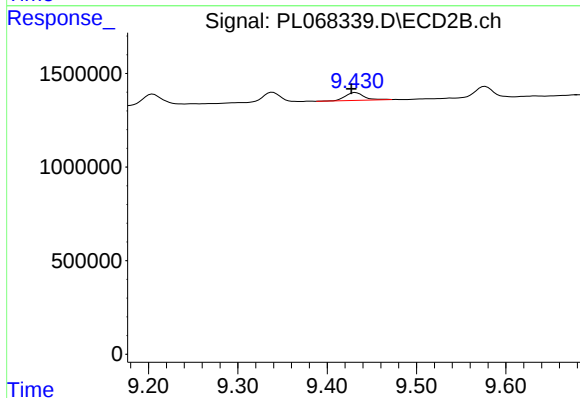
#17 4,4'-DDT

R.T.: 8.502 min
Delta R.T.: 0.000 min
Response: 409912
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

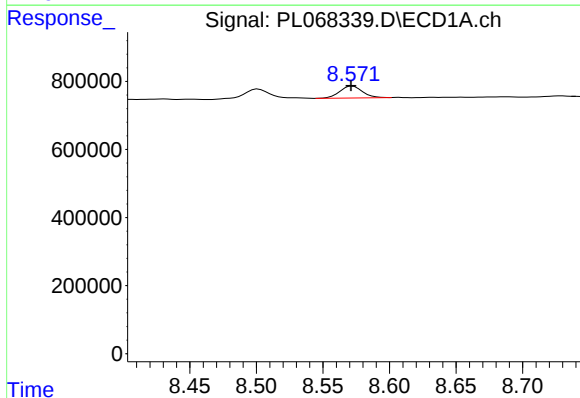
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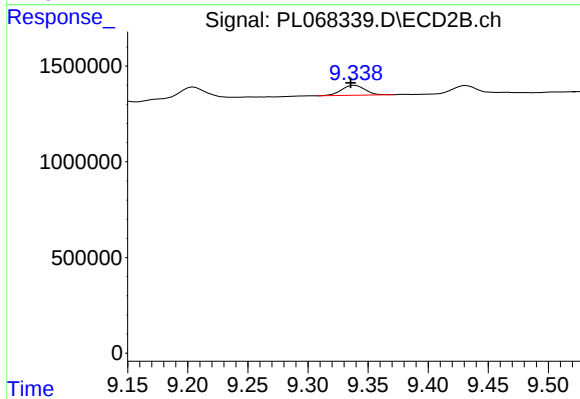
#17 4,4'-DDT

R.T.: 9.432 min
Delta R.T.: 0.005 min
Response: 612189
Conc: 0.65 ng/ml



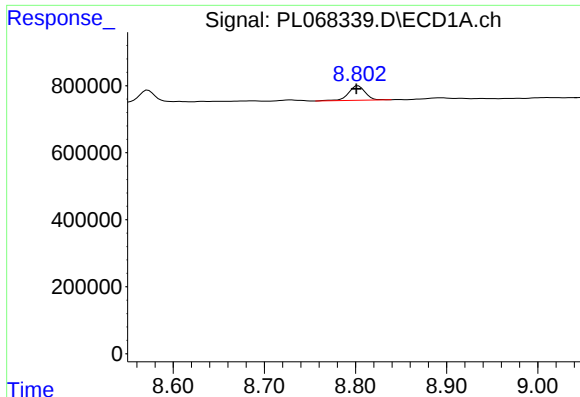
#18 Endrin aldehyde

R.T.: 8.572 min
Delta R.T.: 0.001 min
Response: 413428
Conc: 1.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.002 min
Response: 708515
Conc: 0.98 ng/ml m



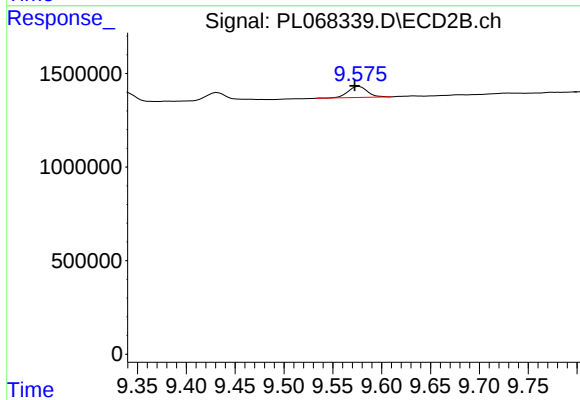
#19 Endosulfan Sulfate

R.T.: 8.803 min
Delta R.T.: 0.002 min
Response: 554575
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

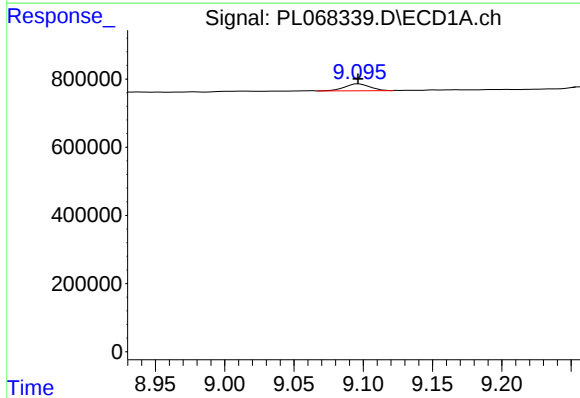
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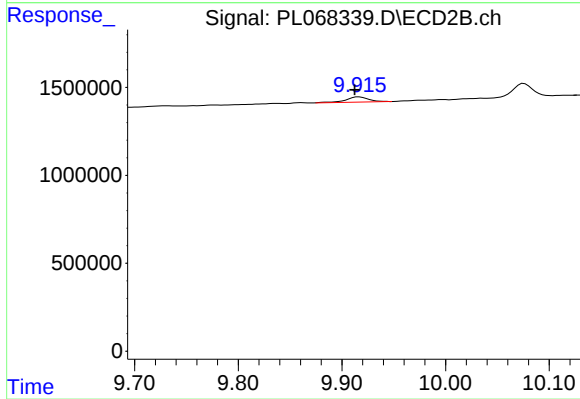
#19 Endosulfan Sulfate

R.T.: 9.577 min
Delta R.T.: 0.004 min
Response: 806798
Conc: 0.90 ng/ml



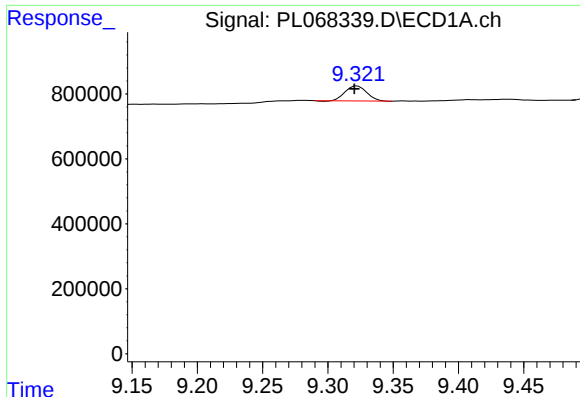
#20 Methoxychlor

R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 259155
Conc: 0.83 ng/ml m



#20 Methoxychlor

R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 447417
Conc: 0.88 ng/ml



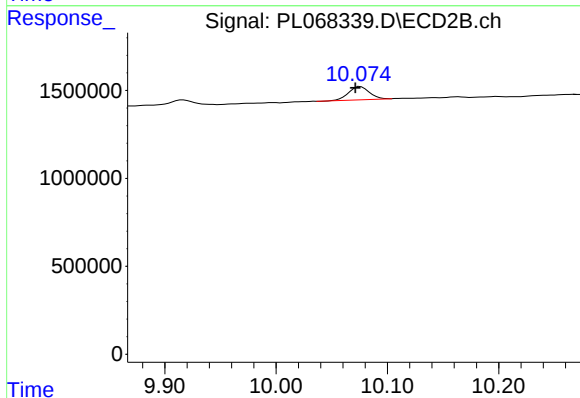
#21 Endrin ketone

R.T.: 9.323 min
Delta R.T.: 0.002 min
Response: 533208
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

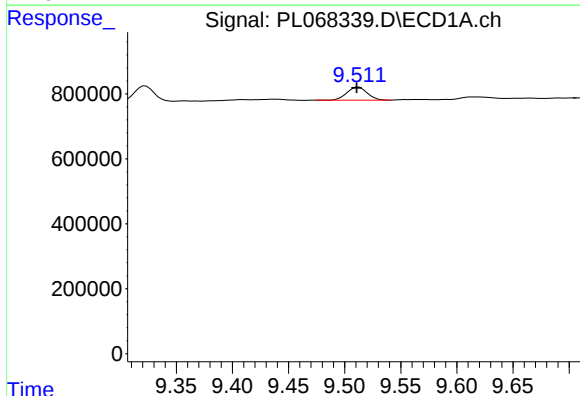
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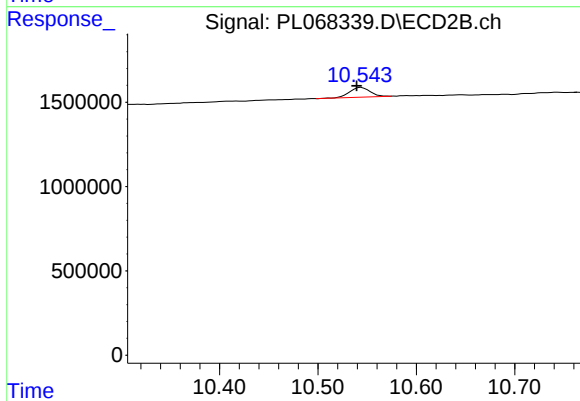
#21 Endrin ketone

R.T.: 10.076 min
Delta R.T.: 0.004 min
Response: 966877
Conc: 0.97 ng/ml



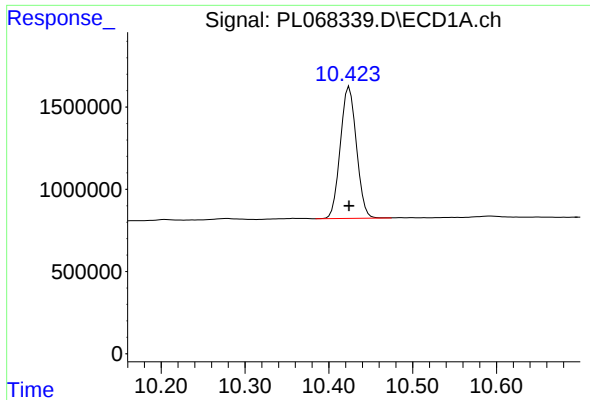
#22 Mirex

R.T.: 9.512 min
Delta R.T.: 0.002 min
Response: 508476
Conc: 1.03 ng/ml



#22 Mirex

R.T.: 10.544 min
Delta R.T.: 0.005 min
Response: 832913
Conc: 1.08 ng/ml



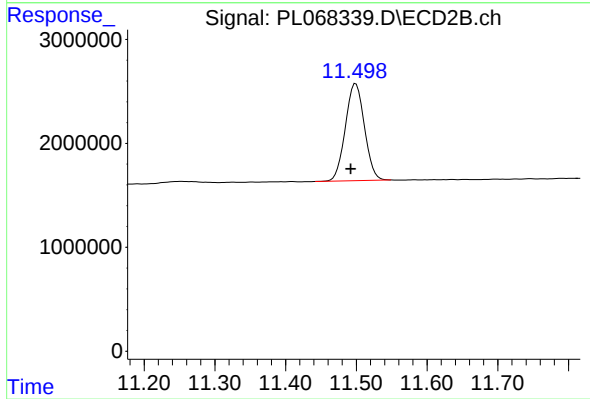
#28 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 10689293
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.007 min
Response: 17566387
Conc: 19.69 ng/ml