

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
 Data File : PL062302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 16:45
 Operator : DD\AJ
 Sample : L4214-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:11:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 13 05:04:40 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...	3.412	3.952	34514018	55745969	19.829	19.780
28)	SA Decachlor...	8.125	8.993	34609682	52614482	18.920	19.169
Target Compounds							
2)	A alpha-BHC	3.844	4.338	12695754	18274673	4.954	4.358
3)	MA gamma-BHC...	4.123	4.621	10386318	17390973	4.555	4.426
4)	MA Heptachlor	4.420	5.127	10456308	18508744	4.966	4.870
5)	MB Aldrin	4.664	5.430	9603743	15955028	5.066	4.526
6)	B beta-BHC	4.372	4.792	5355458	9825042	5.568	5.591
7)	B delta-BHC	4.572	5.005	9920223	17556177	4.649	5.062m
8)	B Heptachlo...	5.102	5.816	9123384	16265115	4.992	5.004
9)	A Endosulfan I	5.437	6.171	8494534	14362334	5.031	4.768
10)	B gamma-Chl...	5.326	6.050	8790598	14879006	4.875m	4.531
11)	B alpha-Chl...	5.384	6.122	9065495	15480448	5.008	4.737
12)	B 4,4'-DDE	5.550	6.281	7558019	13841543	4.583	4.549
13)	MA Dieldrin	5.678	6.428	8262508	13728315	4.700	4.446
14)	MA Endrin	5.932	6.645	7296653	10917360	4.749	4.390
15)	B Endosulfa...	6.204	6.855	8026134	13394561	4.861	4.936
16)	A 4,4'-DDD	6.061	6.770	6955625	11991430	4.796	4.913
17)	MA 4,4'-DDT	6.300	7.068	4481488	9094658	3.474	3.976
18)	B Endrin al...	6.371	6.979	7416835	11539011	5.111	4.885
19)	B Endosulfa...	6.583	7.202	8350003	12129141	5.052	4.674
20)	A Methoxychlor	6.844	7.529	3332840	5611372	4.096	4.257
21)	B Endrin ke...	7.069	7.671	9692992	12558521	4.920	4.503
22)	Mirex	7.256	8.124	7852945	10820281	5.292	5.142

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
Data File : PL062302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2020 16:45
Operator : DD\AJ
Sample : L4214-02
Misc : PEST LOQ 5 PPB
ALS Vial : 14 Sample Multiplier: 1

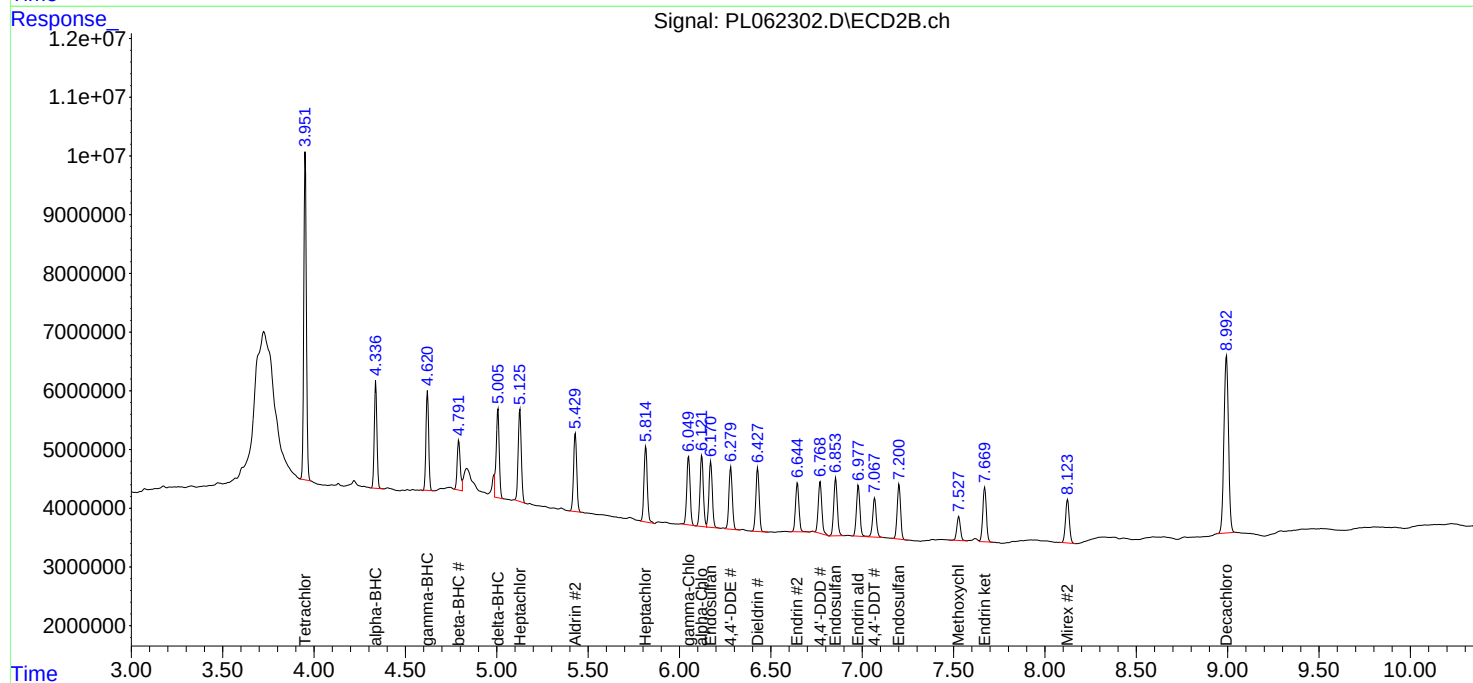
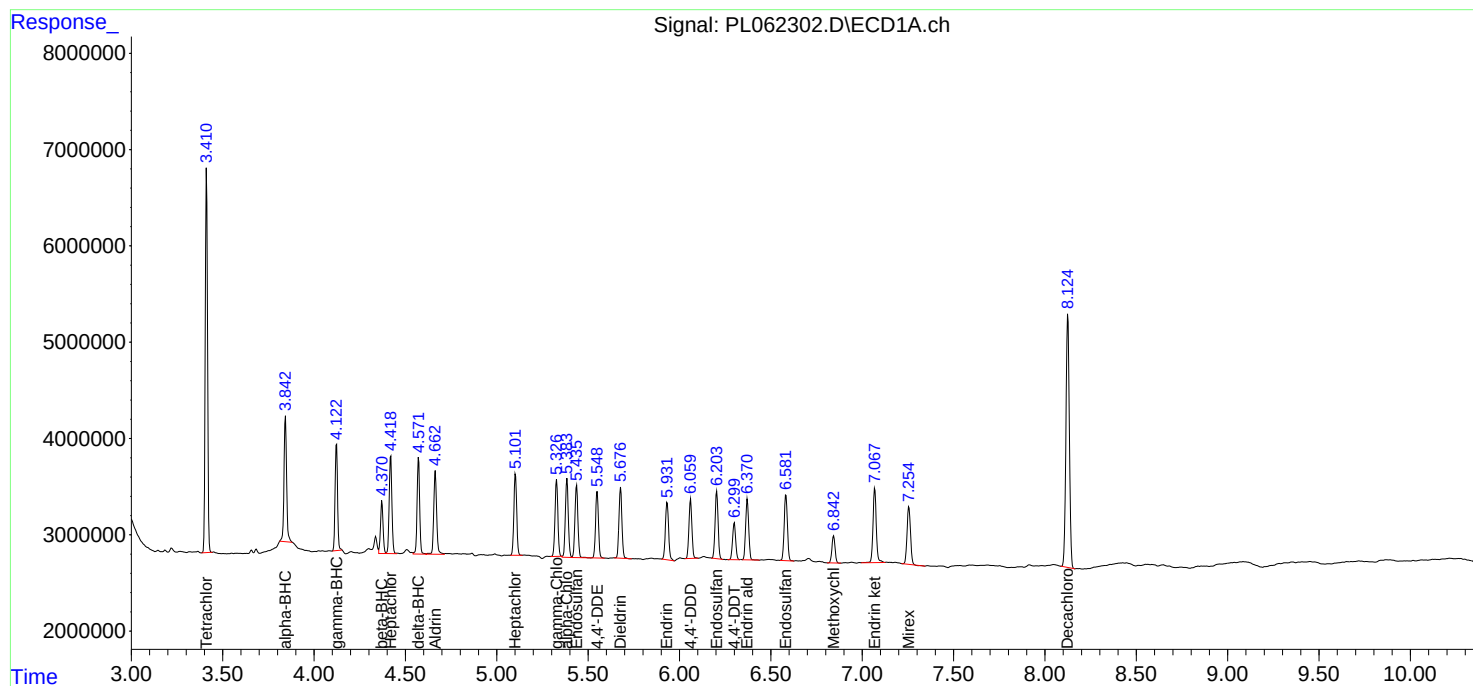
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

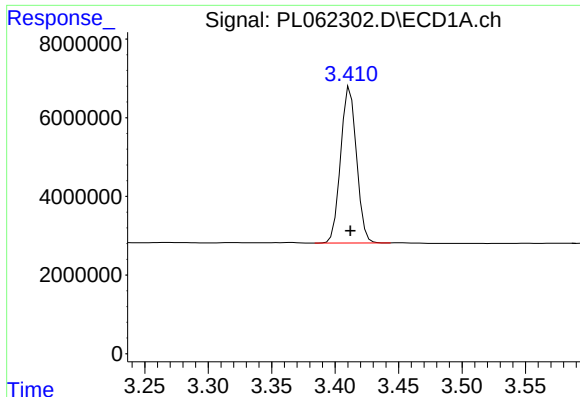
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:11:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
Quant Title : GC Extractables
QLast Update : Tue Oct 13 05:04:40 2020
Response 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





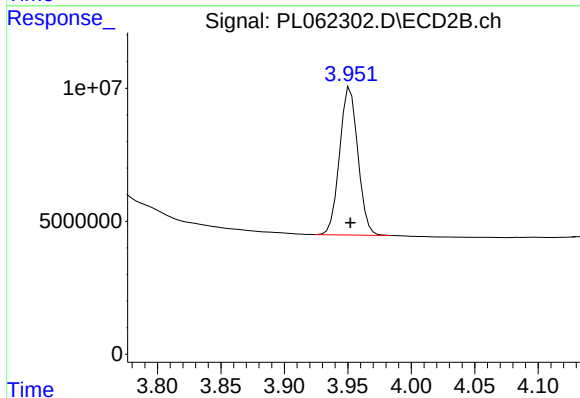
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 34514018
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

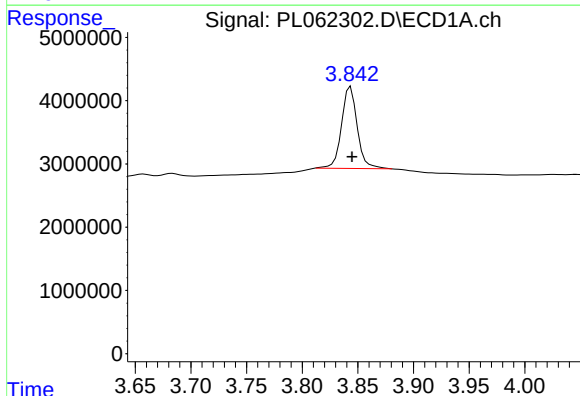
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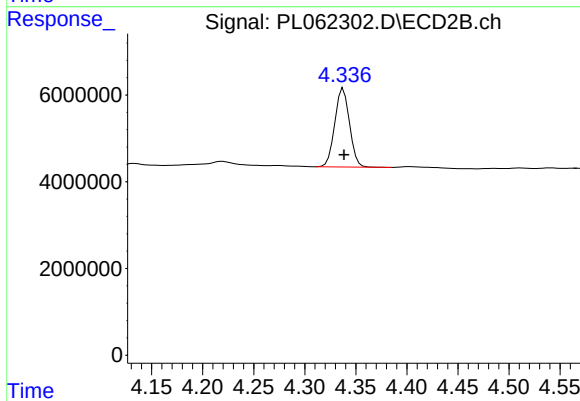
#1 Tetrachloro-m-xylene

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 55745969
Conc: 19.78 ng/ml



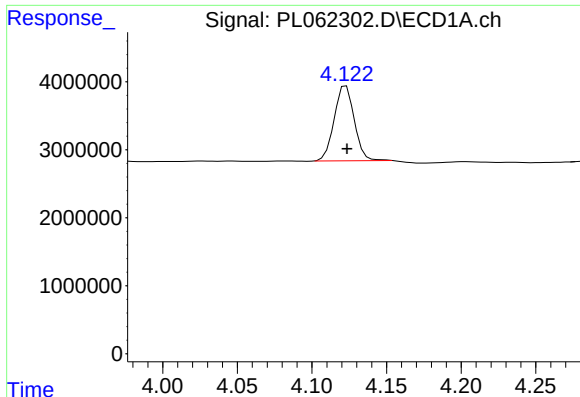
#2 alpha-BHC

R.T.: 3.844 min
Delta R.T.: -0.001 min
Response: 12695754
Conc: 4.95 ng/ml



#2 alpha-BHC

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 18274673
Conc: 4.36 ng/ml



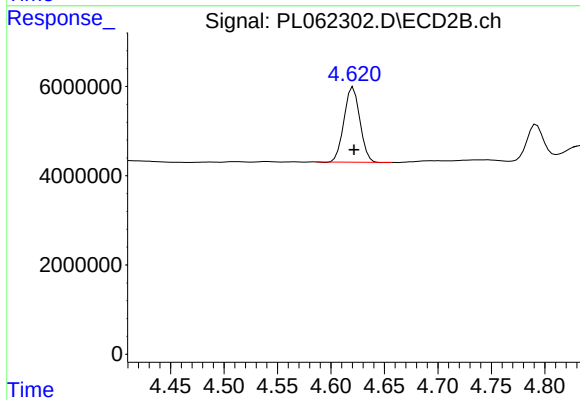
#3 gamma-BHC (Lindane)

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 10386318
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

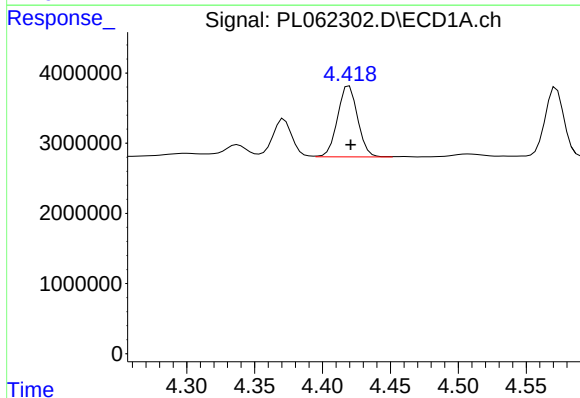
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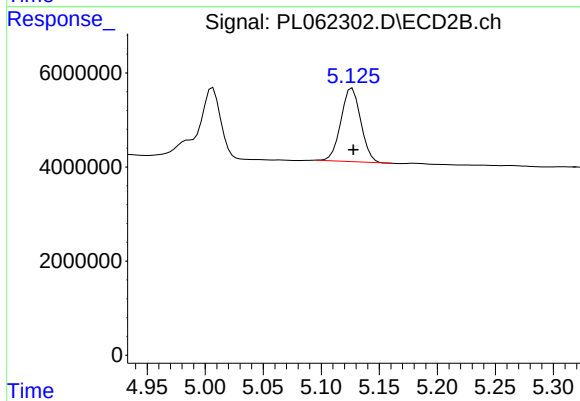
#3 gamma-BHC (Lindane)

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 17390973
Conc: 4.43 ng/ml



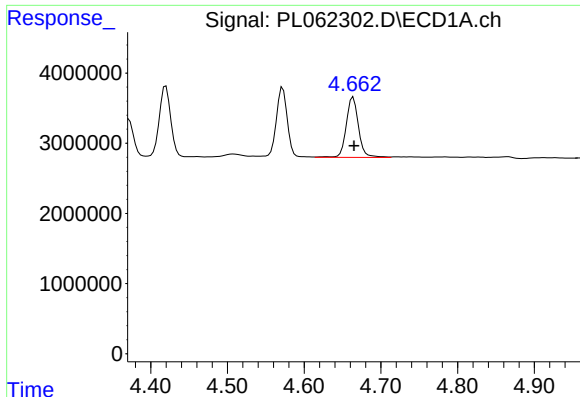
#4 Heptachlor

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 10456308
Conc: 4.97 ng/ml



#4 Heptachlor

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 18508744
Conc: 4.87 ng/ml



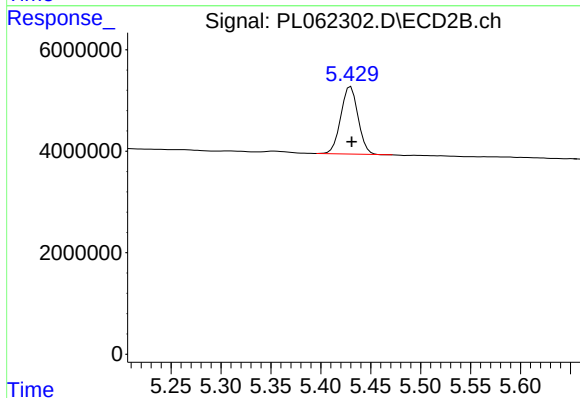
#5 Aldrin

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 9603743
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

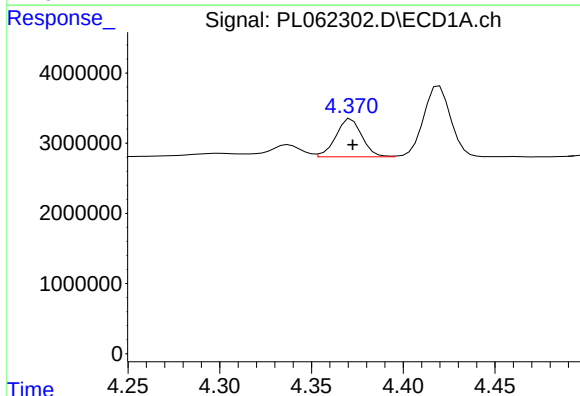
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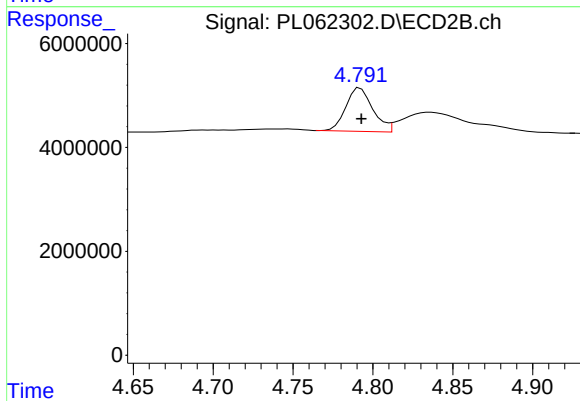
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 15955028
Conc: 4.53 ng/ml



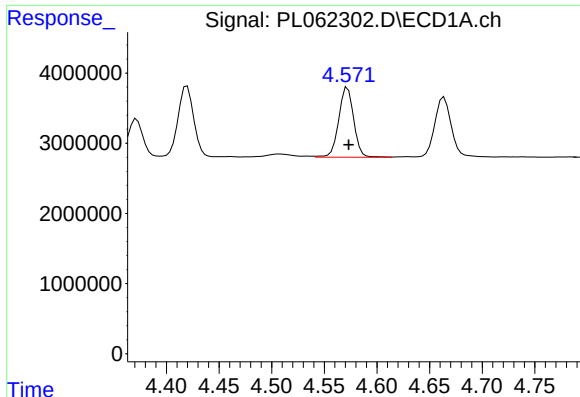
#6 beta-BHC

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 5355458
Conc: 5.57 ng/ml



#6 beta-BHC

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 9825042
Conc: 5.59 ng/ml



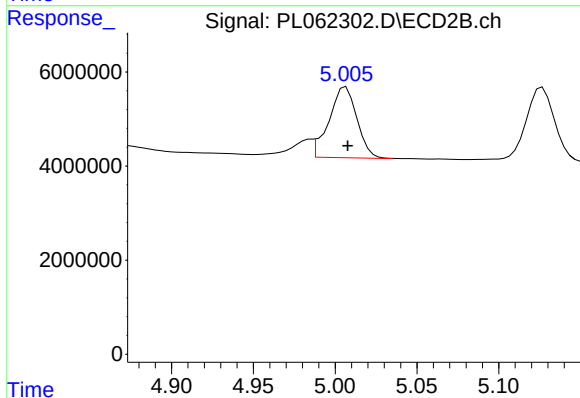
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 9920223
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

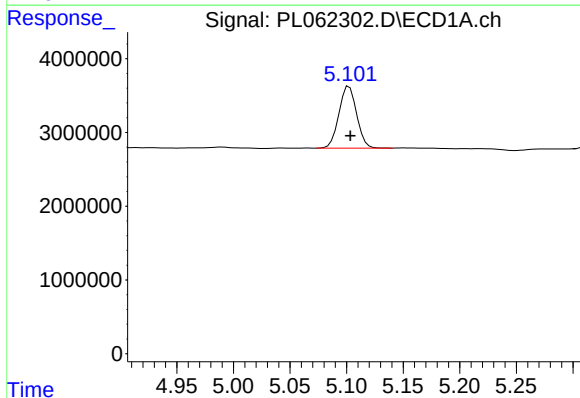
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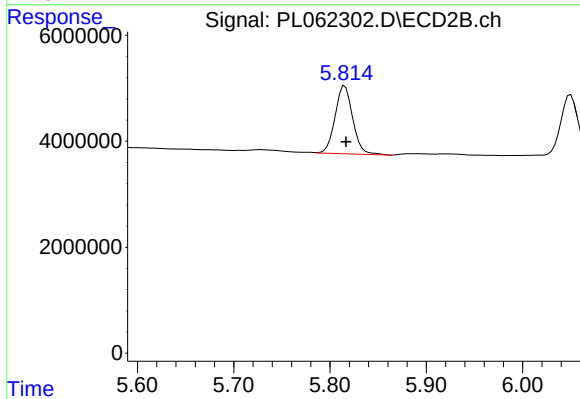
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 17556177
Conc: 5.06 ng/ml m



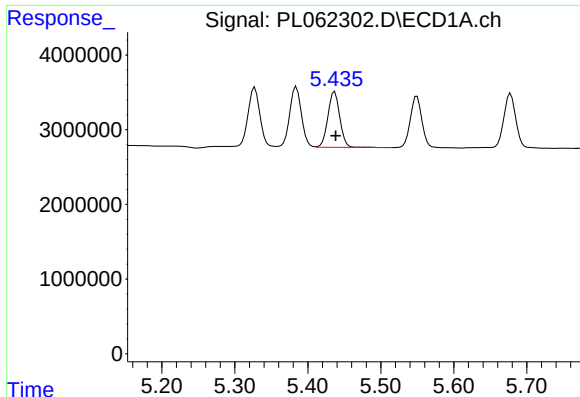
#8 Heptachlor epoxide

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 9123384
Conc: 4.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 16265115
Conc: 5.00 ng/ml



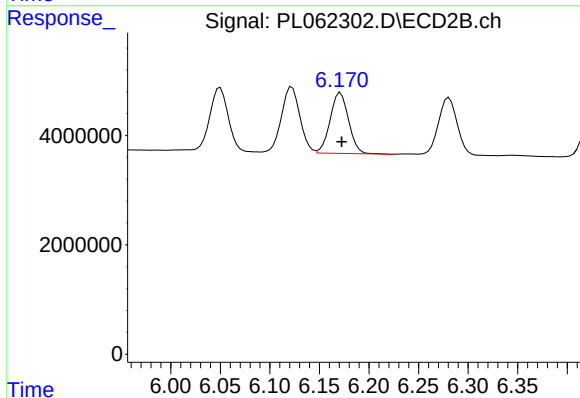
#9 Endosulfan I

R.T.: 5.437 min
Delta R.T.: -0.001 min
Response: 8494534
Conc: 5.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

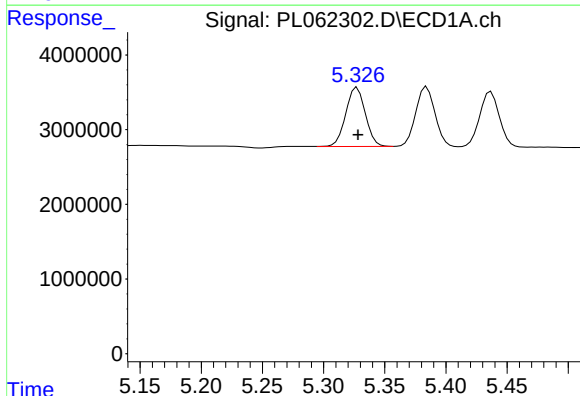
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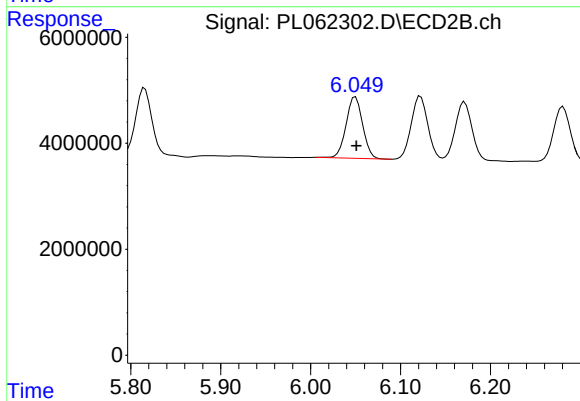
#9 Endosulfan I

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 14362334
Conc: 4.77 ng/ml



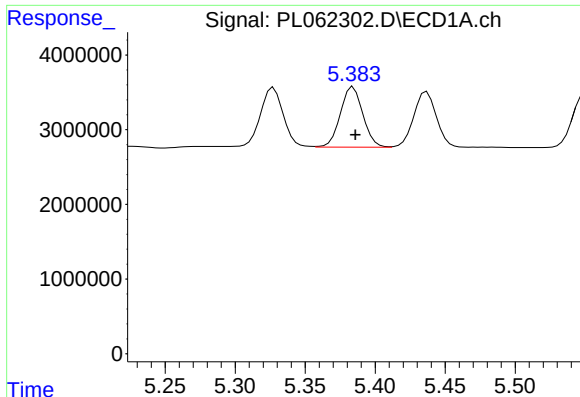
#10 gamma-Chlordane

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 8790598
Conc: 4.88 ng/ml m



#10 gamma-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 14879006
Conc: 4.53 ng/ml



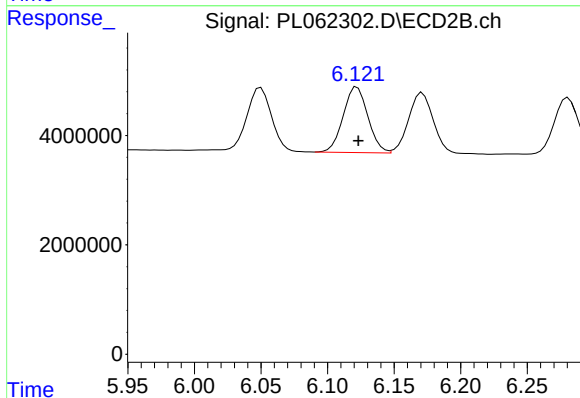
#11 alpha-Chlordane

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 9065495
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

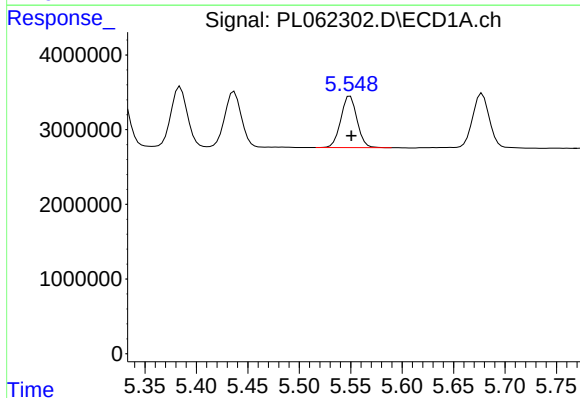
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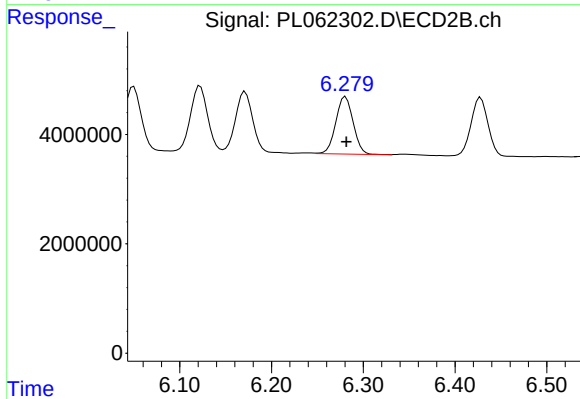
#11 alpha-Chlordane

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 15480448
Conc: 4.74 ng/ml



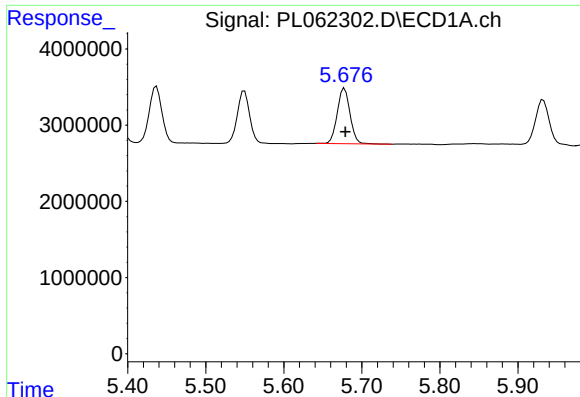
#12 4,4'-DDE

R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 7558019
Conc: 4.58 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 13841543
Conc: 4.55 ng/ml



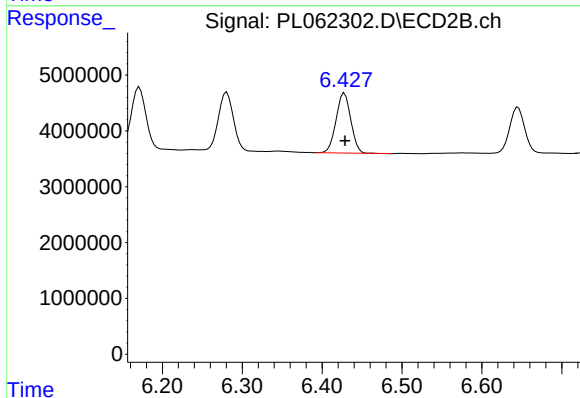
#13 Dieldrin

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 8262508
Conc: 4.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

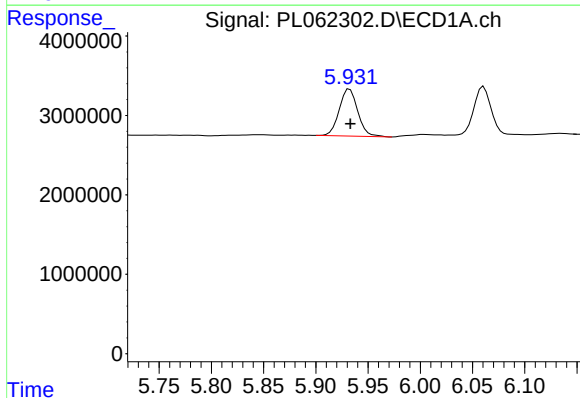
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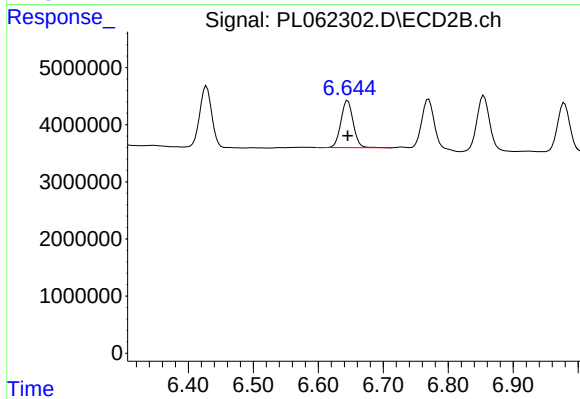
#13 Dieldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 13728315
Conc: 4.45 ng/ml



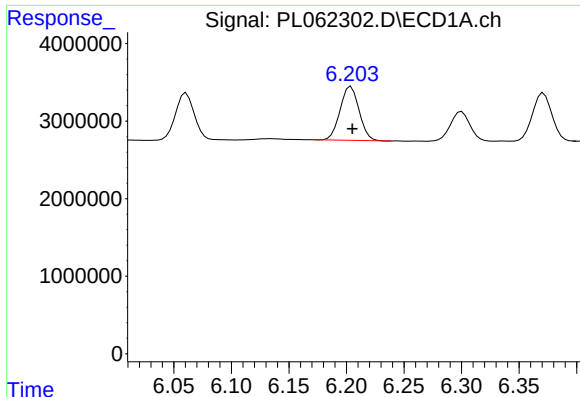
#14 Endrin

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 7296653
Conc: 4.75 ng/ml



#14 Endrin

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 10917360
Conc: 4.39 ng/ml



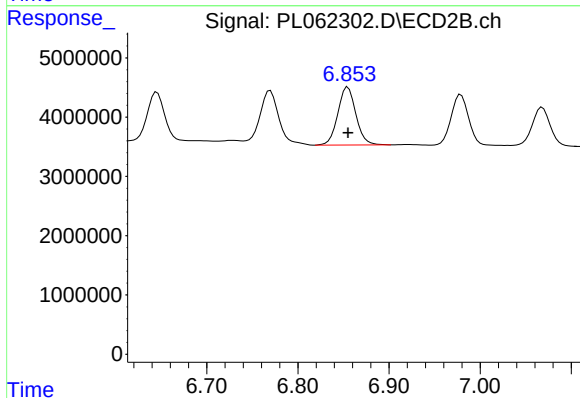
#15 Endosulfan II

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 8026134
Conc: 4.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

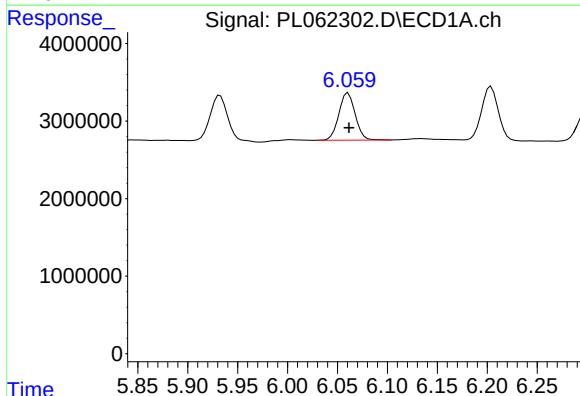
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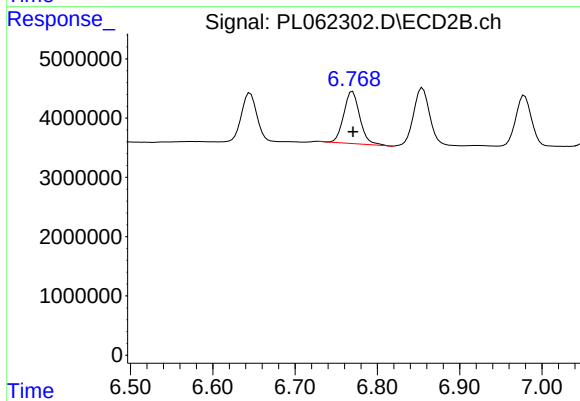
#15 Endosulfan II

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 13394561
Conc: 4.94 ng/ml



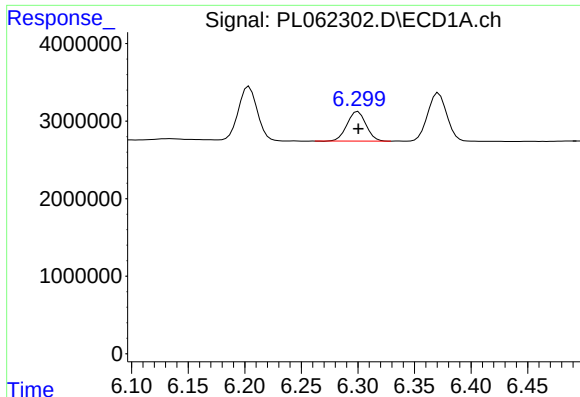
#16 4,4'-DDD

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 6955625
Conc: 4.80 ng/ml



#16 4,4'-DDD

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 11991430
Conc: 4.91 ng/ml



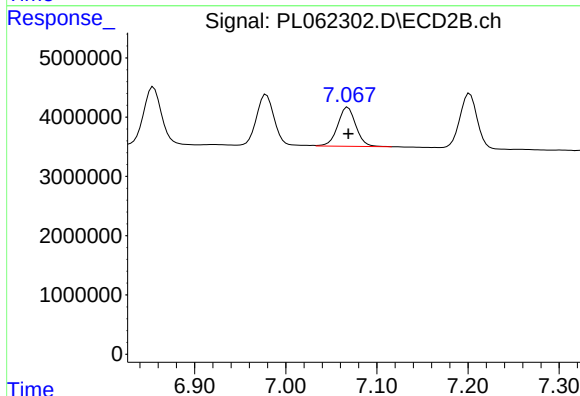
#17 4,4'-DDT

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 4481488
Conc: 3.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

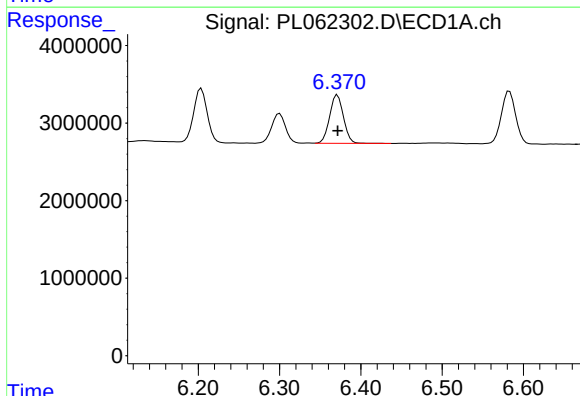
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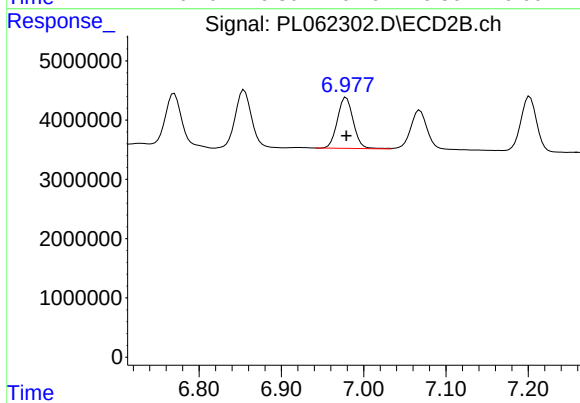
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 9094658
Conc: 3.98 ng/ml



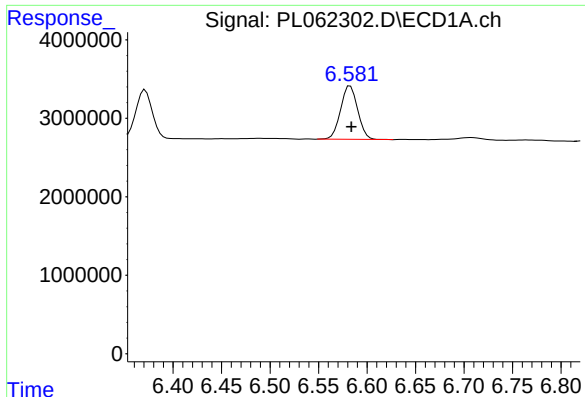
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 7416835
Conc: 5.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 11539011
Conc: 4.88 ng/ml



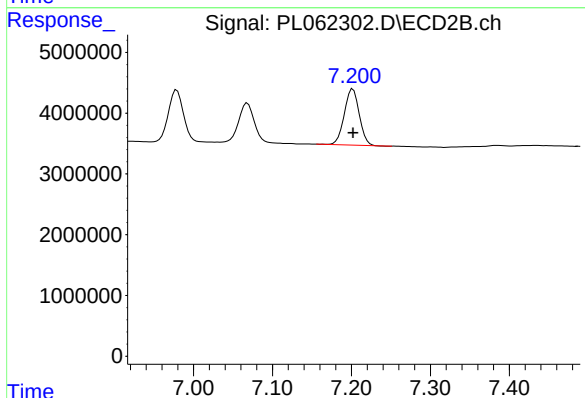
#19 Endosulfan Sulfate

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 8350003
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

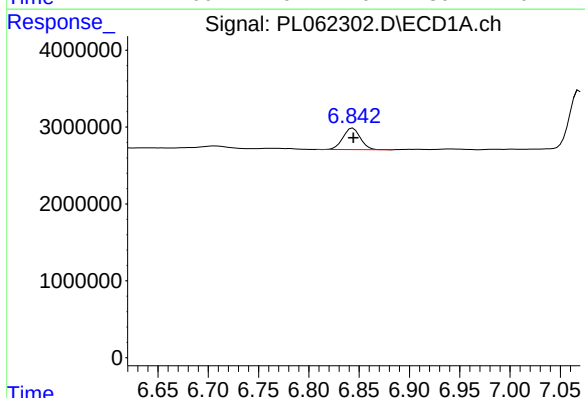
Manual Integrations
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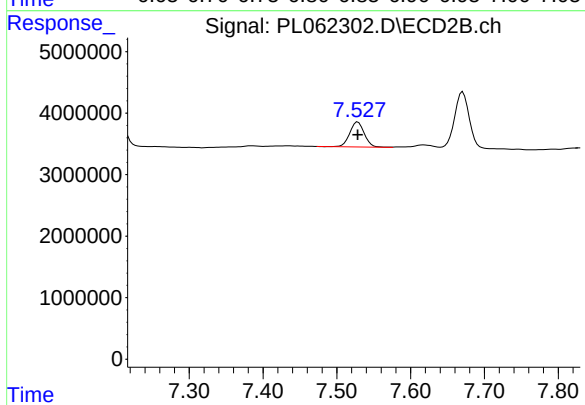
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 12129141
Conc: 4.67 ng/ml



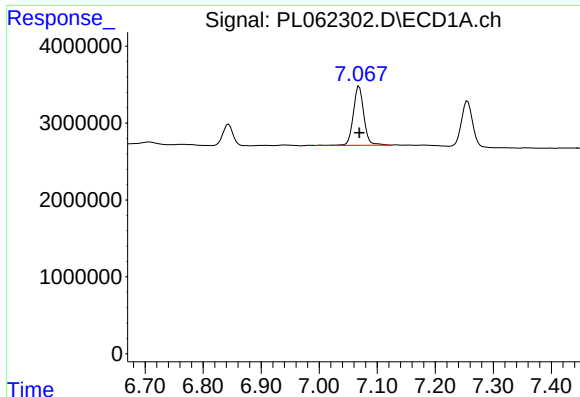
#20 Methoxychlor

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 3332840
Conc: 4.10 ng/ml



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 5611372
Conc: 4.26 ng/ml



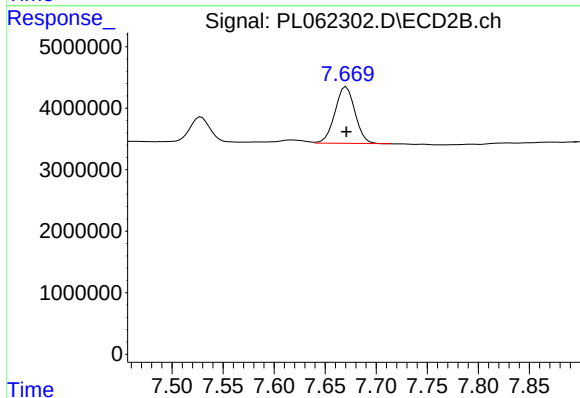
#21 Endrin ketone

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 9692992
Conc: 4.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

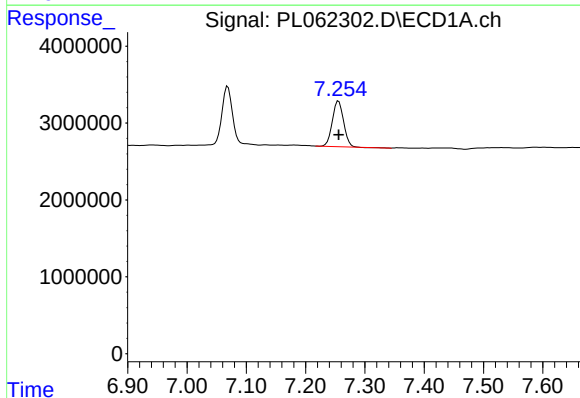
Manual Integrations
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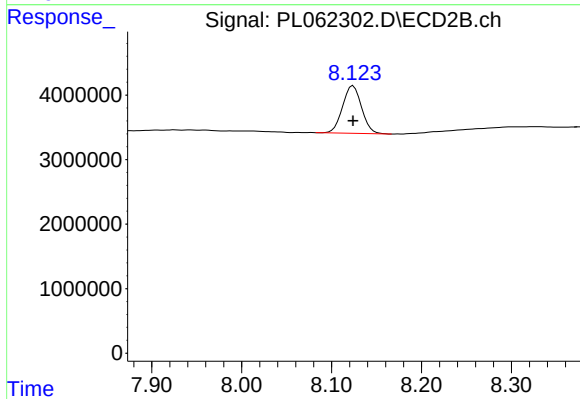
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 12558521
Conc: 4.50 ng/ml



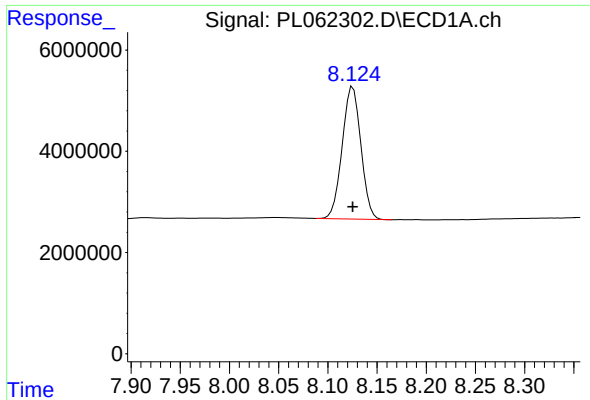
#22 Mirex

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 7852945
Conc: 5.29 ng/ml



#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 10820281
Conc: 5.14 ng/ml



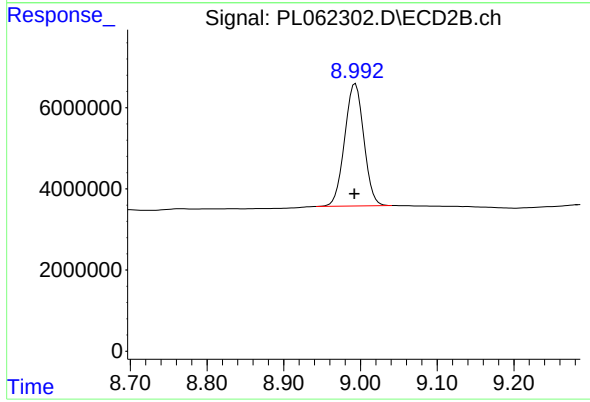
#28 Decachlorobiphenyl

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 34609682
Conc: 18.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations
APPROVED

Ankita
10/15/2020 11:25:36 AM



#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: 0.001 min
Response: 52614482
Conc: 19.17 ng/ml