

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071219\
 Data File : PL050342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2019 15:36
 Operator : SM\AJ
 Sample : K3761-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-DRUMMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 23:16:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 2019
 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...	3.319	3.931	172.4E6	52374204	15.284	17.106
28)	SA Decachlor...	7.982	8.965	163.0E6	45867686	12.826m	13.663
Target Compounds							
2)	A alpha-BHC	3.747	4.320	954.8E6	250.4E6	50.822	55.943
3)	MA gamma-BHC...	4.023	4.603	899.5E6	236.1E6	50.731	56.930
4)	MA Heptachlor	4.306	5.105	804.5E6	210.9E6	44.259	48.718
5)	MB Aldrin	4.545	5.407	747.1E6	198.2E6	43.267	50.606
6)	B beta-BHC	4.277	4.779	377.0E6	108.5E6	51.533	56.005
7)	B delta-BHC	4.470	4.991	842.3E6	213.3E6	47.101	54.158m
8)	B Heptachlor...	4.981	5.794	774.1E6	204.1E6	48.091	56.131
9)	A Endosulfan I	5.312	6.149	766.3E6	194.7E6	49.530	57.300
10)	B gamma-Chl...	5.203	6.029	836.8E6	199.4E6	48.966	53.499
11)	B alpha-Chl...	5.260	6.100	800.6E6	193.0E6	48.231	52.192
12)	B 4,4'-DDE	5.427	6.260	718.5E6	182.4E6	43.130	52.562
13)	MA Dieldrin	5.551	6.406	789.4E6	193.7E6	47.392	54.589
14)	MA Endrin	5.803	6.623	825.7E6	179.5E6	51.558	56.862
15)	B Endosulfa...	6.077	6.835	649.5E6	184.5E6	44.571	57.285 #
16)	A 4,4'-DDD	5.938	6.751	620.0E6	149.5E6	49.110	57.174
17)	MA 4,4'-DDT	6.172	7.048	544.2E6	136.6E6	40.991	46.647
18)	B Endrin al...	6.245	6.959	558.7E6	146.2E6	47.304	53.249
19)	B Endosulfa...	6.456	7.182	571.8E6	151.6E6	44.105	50.381
20)	A Methoxychlor	6.716	7.509	295.4E6	82861601	45.325	49.714
21)	B Endrin ke...	6.938	7.651	664.2E6	168.9E6	47.255	54.215
22)	Mirex	7.112	8.100	385.7E6	106.0E6	37.316	41.918

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071219\
Data File : PL050342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2019 15:36
Operator : SM\AJ
Sample : K3761-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

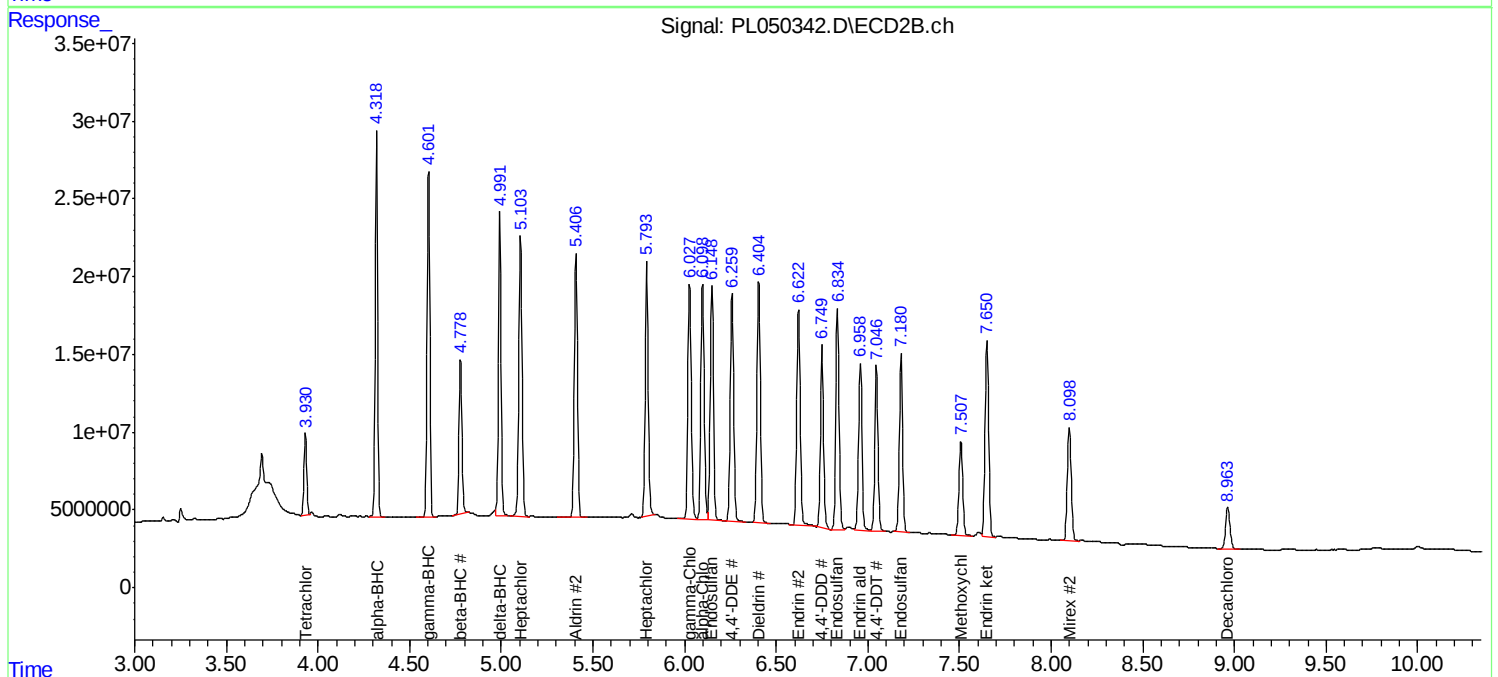
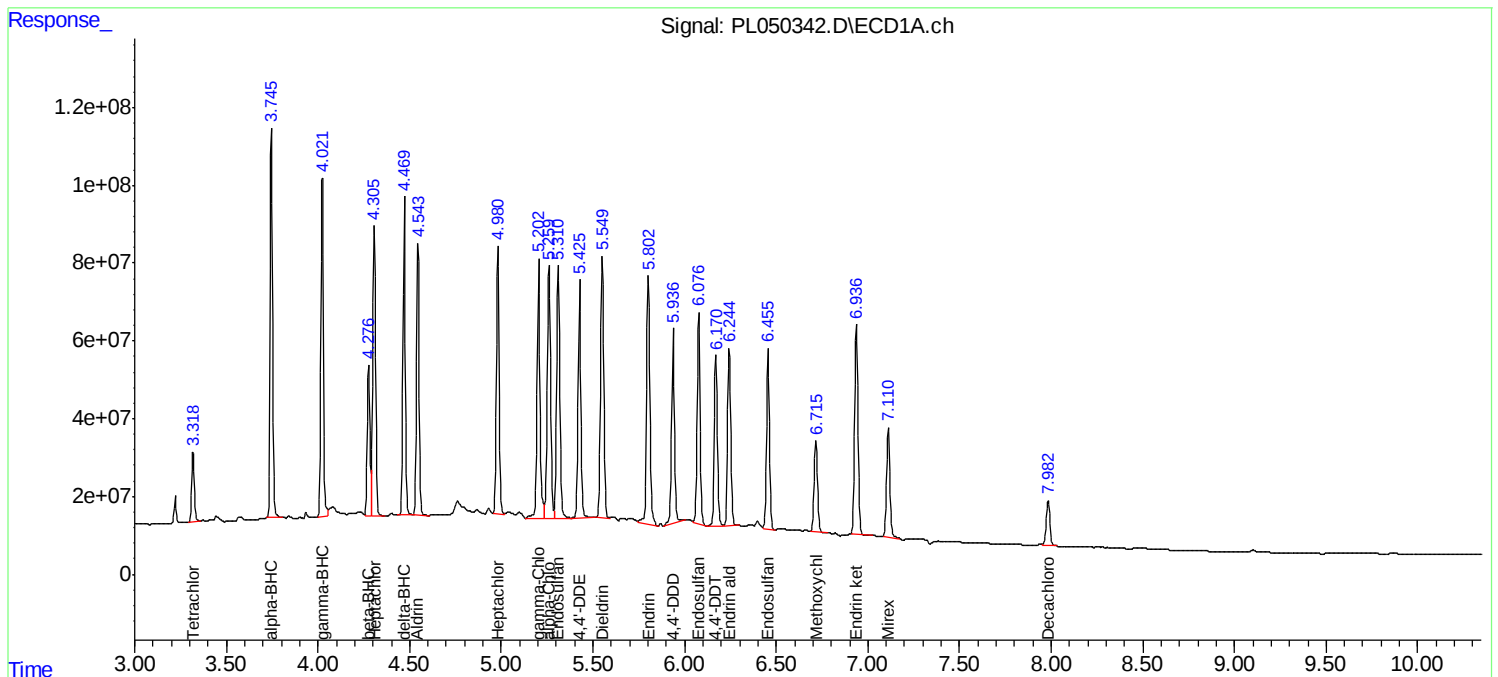
Instrument :
ECD_L
ClientSampled :
SOIL-DRUMMSD

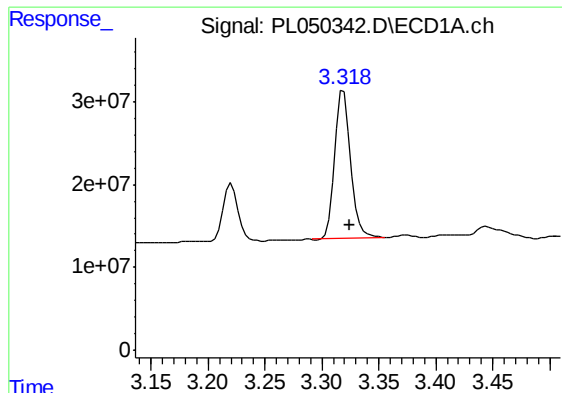
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 23:16:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
Response 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





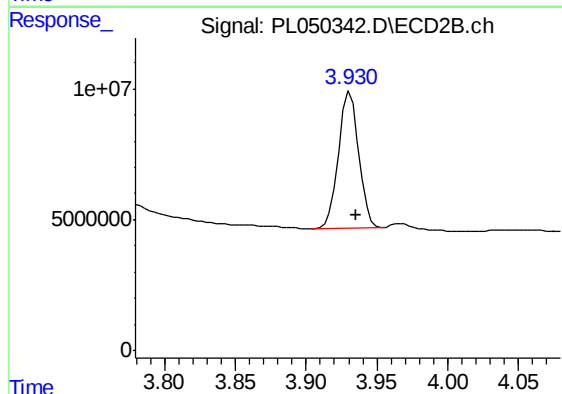
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.005 min
Response: 172363833
Conc: 15.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

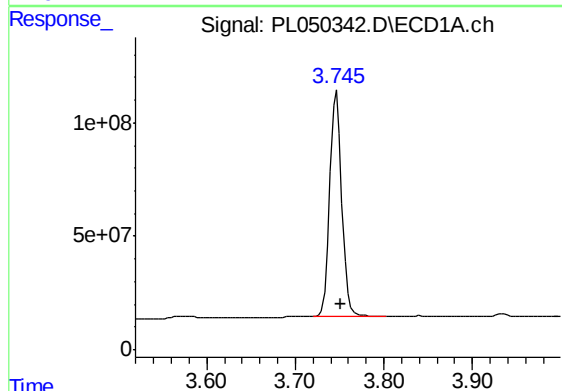
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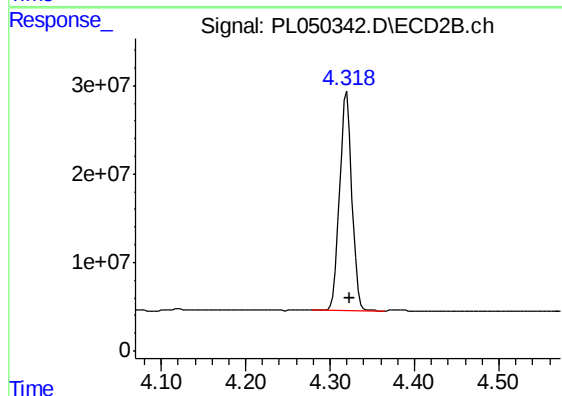
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 52374204
Conc: 17.11 ng/ml



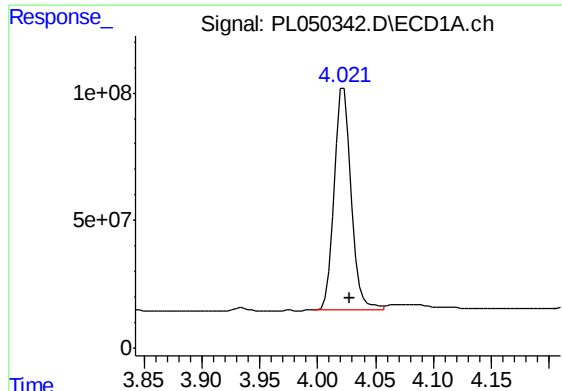
#2 alpha-BHC

R.T.: 3.747 min
Delta R.T.: -0.005 min
Response: 954807148
Conc: 50.82 ng/ml



#2 alpha-BHC

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 250432969
Conc: 55.94 ng/ml



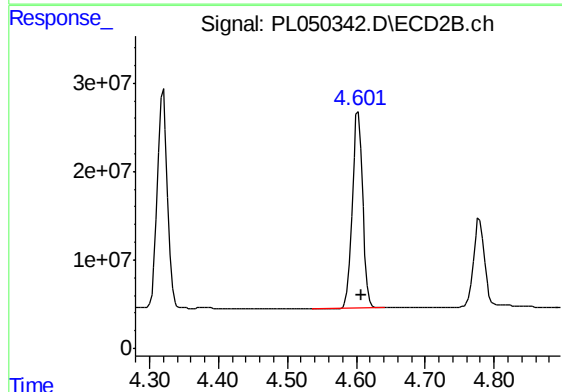
#3 gamma-BHC (Lindane)

R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 899495328
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

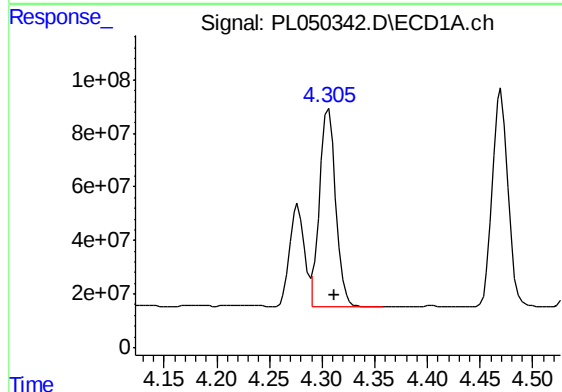
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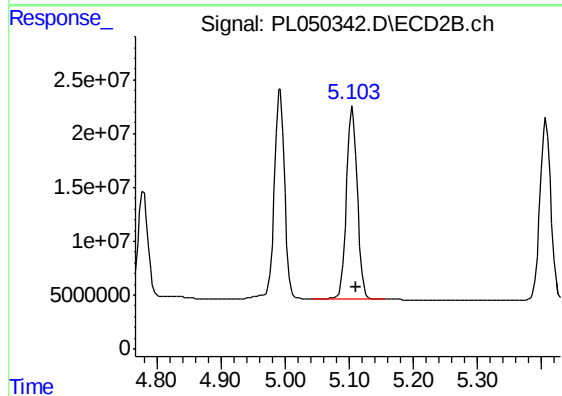
#3 gamma-BHC (Lindane)

R.T.: 4.603 min
Delta R.T.: -0.005 min
Response: 236135298
Conc: 56.93 ng/ml



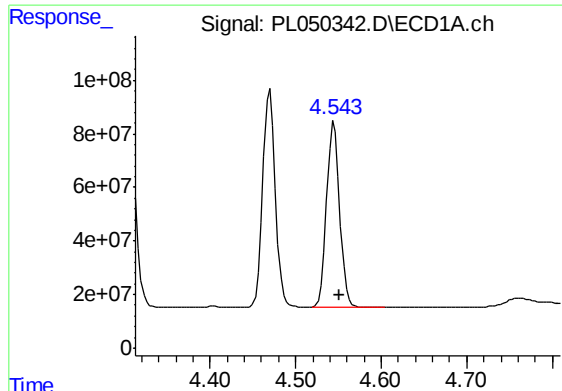
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: -0.006 min
Response: 804508272
Conc: 44.26 ng/ml



#4 Heptachlor

R.T.: 5.105 min
Delta R.T.: -0.006 min
Response: 210871960
Conc: 48.72 ng/ml



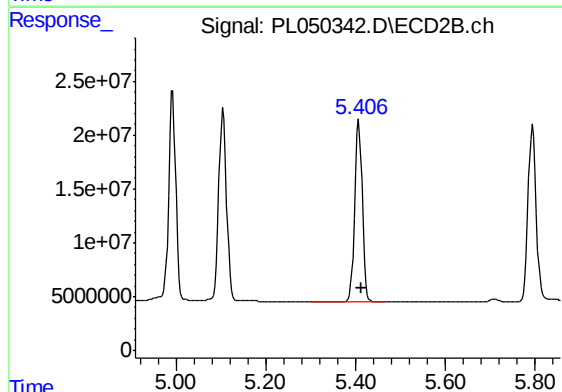
#5 Aldrin

R.T.: 4.545 min
Delta R.T.: -0.006 min
Response: 747135870
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

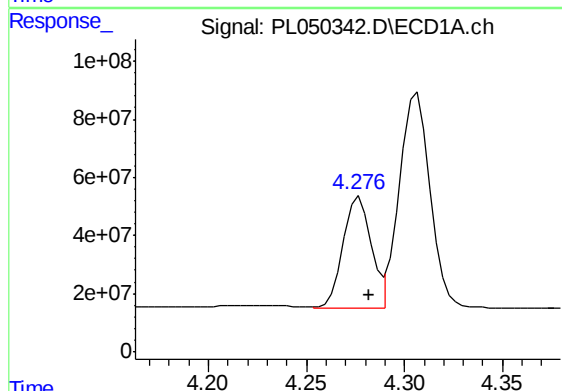
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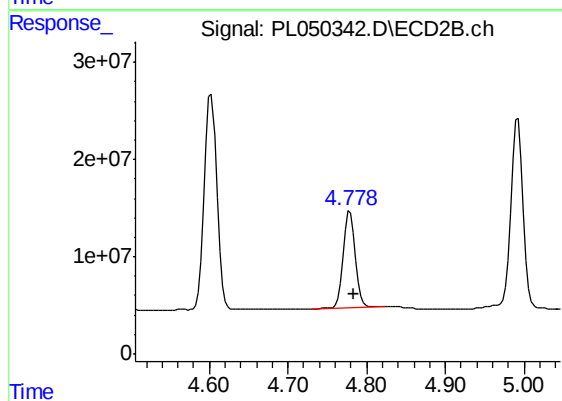
#5 Aldrin

R.T.: 5.407 min
Delta R.T.: -0.006 min
Response: 198227106
Conc: 50.61 ng/ml



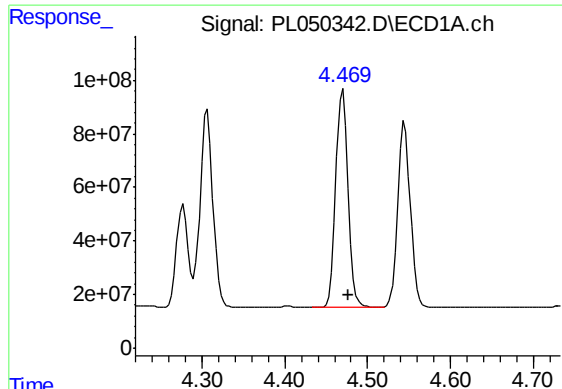
#6 beta-BHC

R.T.: 4.277 min
Delta R.T.: -0.005 min
Response: 376952317
Conc: 51.53 ng/ml



#6 beta-BHC

R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 108484983
Conc: 56.01 ng/ml



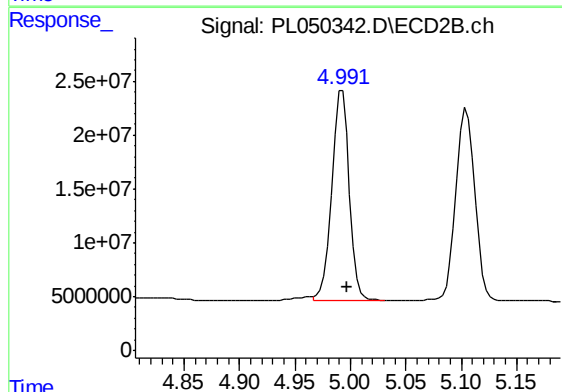
#7 delta-BHC

R.T.: 4.470 min
Delta R.T.: -0.006 min
Response: 842346225
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

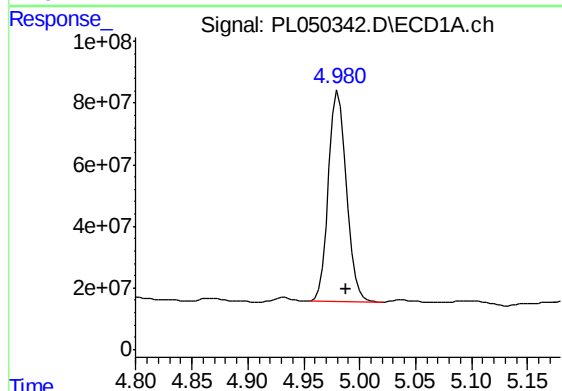
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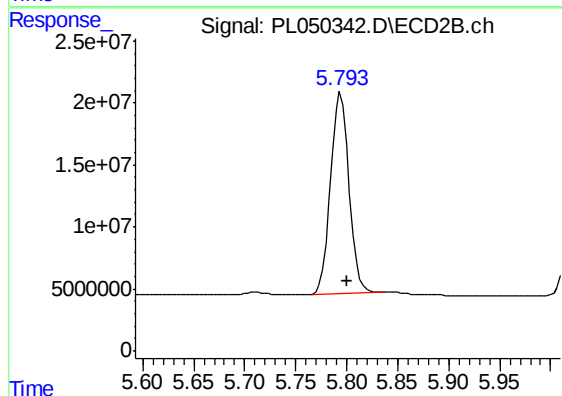
#7 delta-BHC

R.T.: 4.991 min
Delta R.T.: -0.006 min
Response: 213321594
Conc: 54.16 ng/ml m



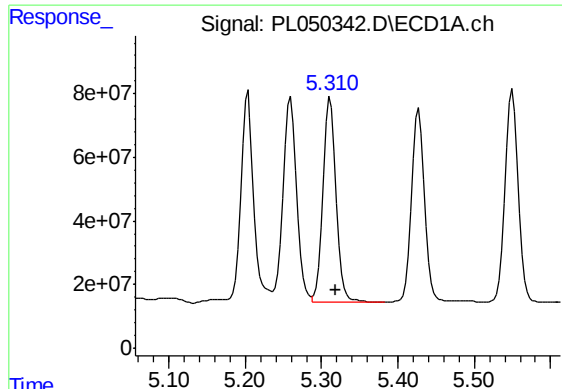
#8 Heptachlor epoxide

R.T.: 4.981 min
Delta R.T.: -0.007 min
Response: 774125037
Conc: 48.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.794 min
Delta R.T.: -0.006 min
Response: 204080996
Conc: 56.13 ng/ml



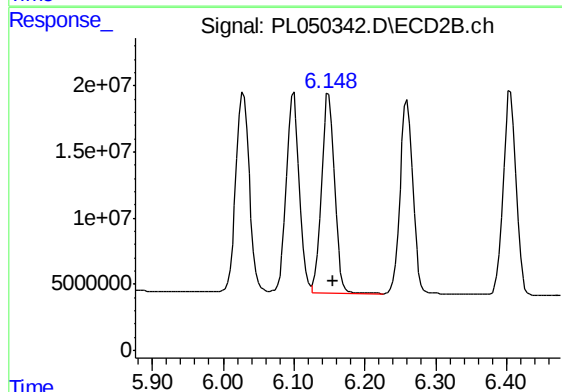
#9 Endosulfan I

R.T.: 5.312 min
Delta R.T.: -0.007 min
Response: 766349078
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

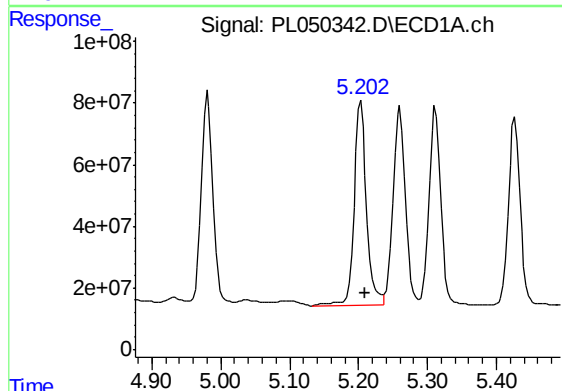
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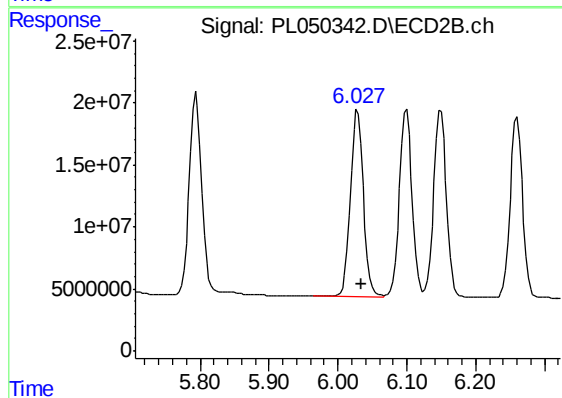
#9 Endosulfan I

R.T.: 6.149 min
Delta R.T.: -0.006 min
Response: 194669308
Conc: 57.30 ng/ml



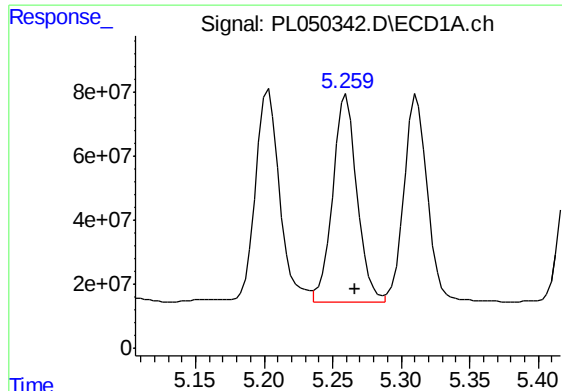
#10 gamma-Chlordane

R.T.: 5.203 min
Delta R.T.: -0.007 min
Response: 836770015
Conc: 48.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 199361361
Conc: 53.50 ng/ml



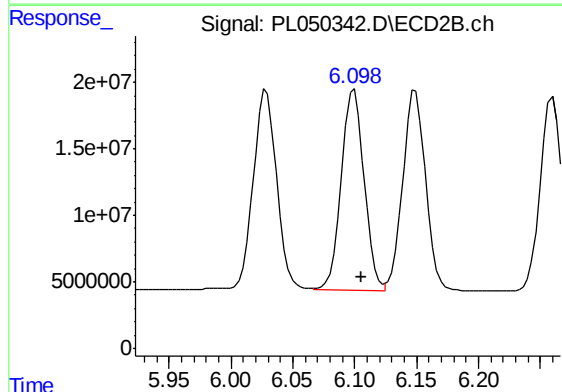
#11 alpha-Chlordane

R.T.: 5.260 min
Delta R.T.: -0.006 min
Response: 800571065
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

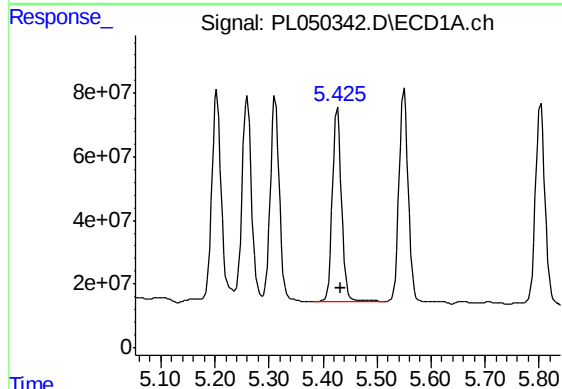
Manual Integrations
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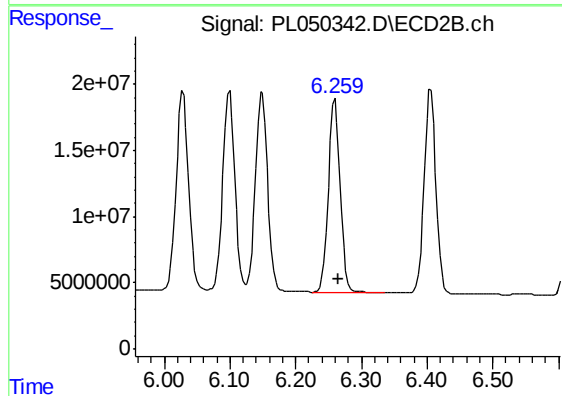
#11 alpha-Chlordane

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 193030238
Conc: 52.19 ng/ml



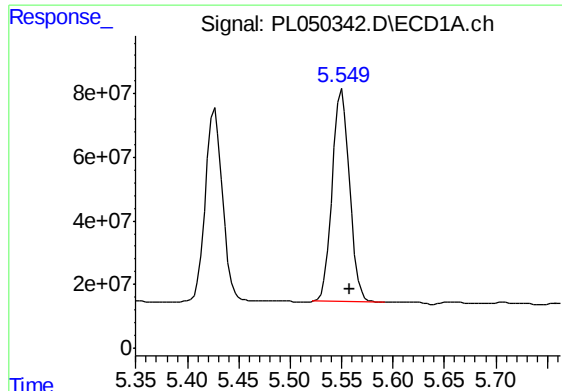
#12 4,4'-DDE

R.T.: 5.427 min
Delta R.T.: -0.007 min
Response: 718512080
Conc: 43.13 ng/ml



#12 4,4'-DDE

R.T.: 6.260 min
Delta R.T.: -0.006 min
Response: 182394945
Conc: 52.56 ng/ml



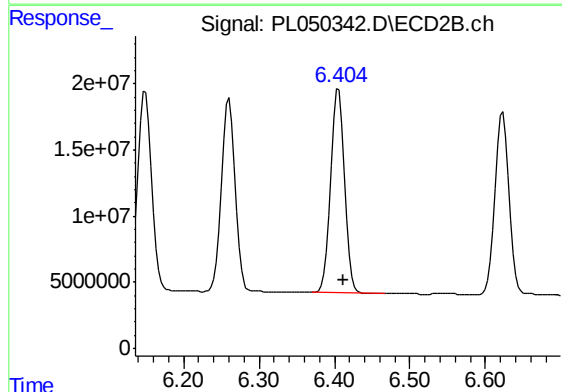
#13 Dielldrin

R.T.: 5.551 min
Delta R.T.: -0.007 min
Response: 789439603
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

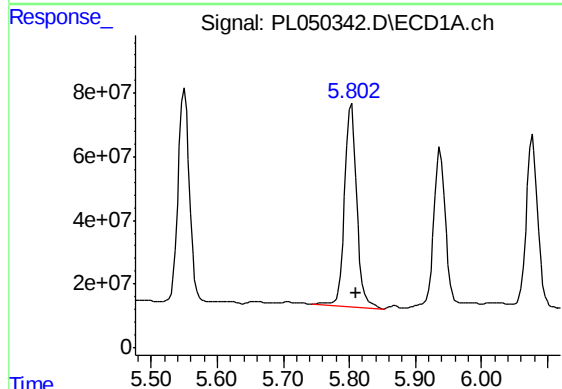
Manual Integrations
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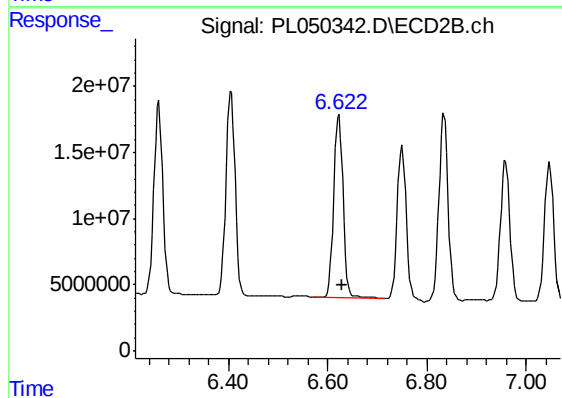
#13 Dielldrin

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 193657679
Conc: 54.59 ng/ml



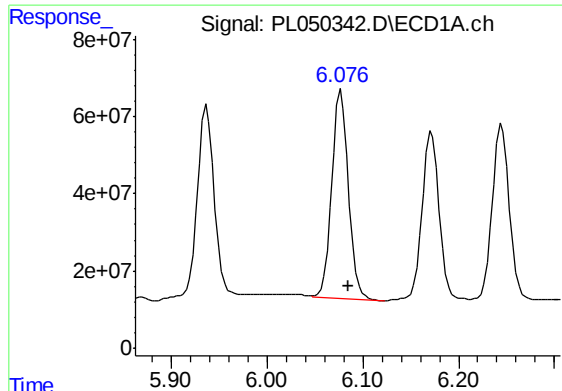
#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.007 min
Response: 825692524
Conc: 51.56 ng/ml



#14 Endrin

R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 179524695
Conc: 56.86 ng/ml



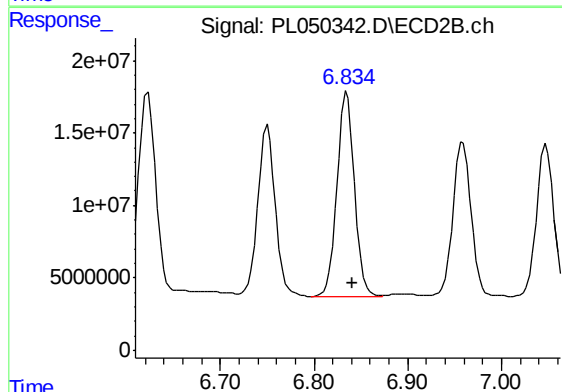
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: -0.008 min
Response: 649452470
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

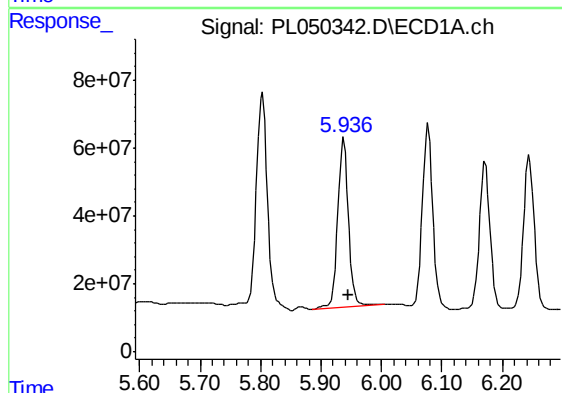
Manual Integrations
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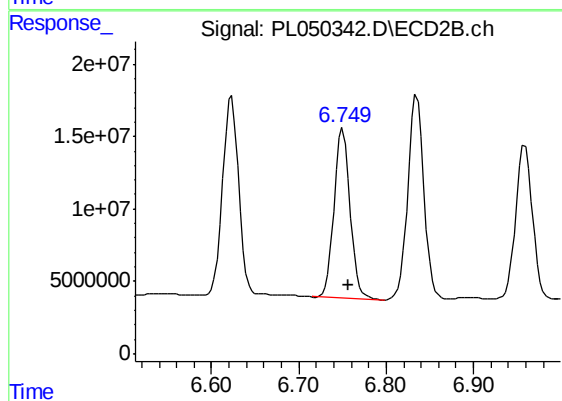
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 184510700
Conc: 57.29 ng/ml



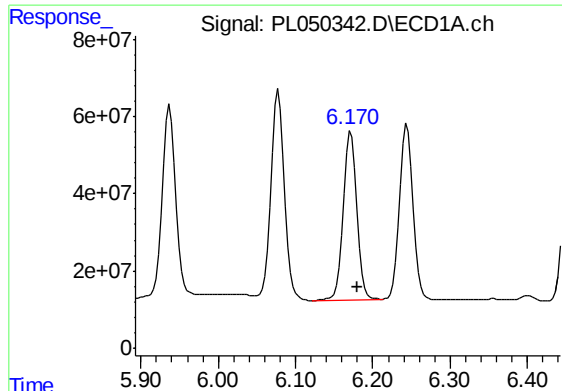
#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 619962450
Conc: 49.11 ng/ml



#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 149465711
Conc: 57.17 ng/ml



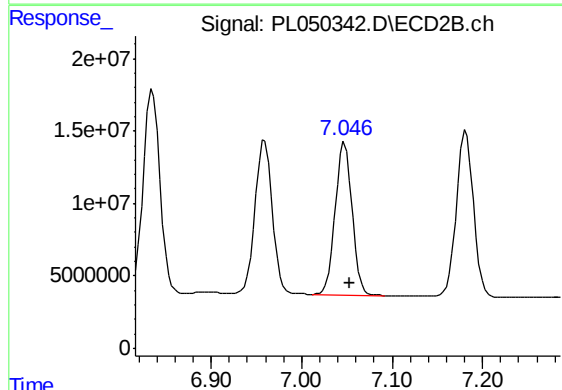
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.008 min
Response: 544184035
Conc: 40.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

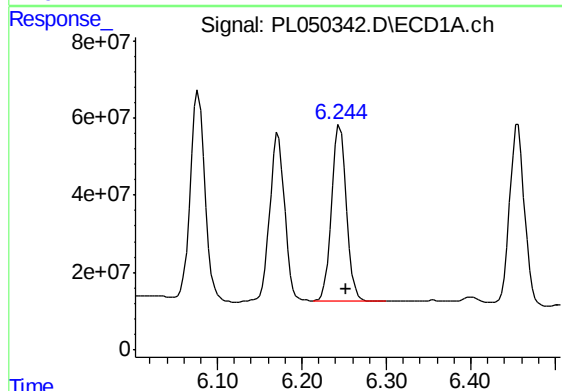
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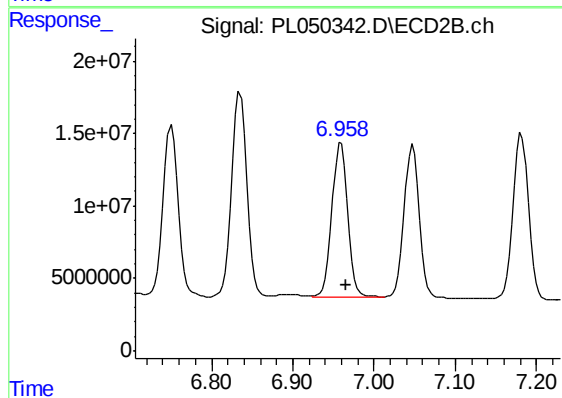
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 136617786
Conc: 46.65 ng/ml



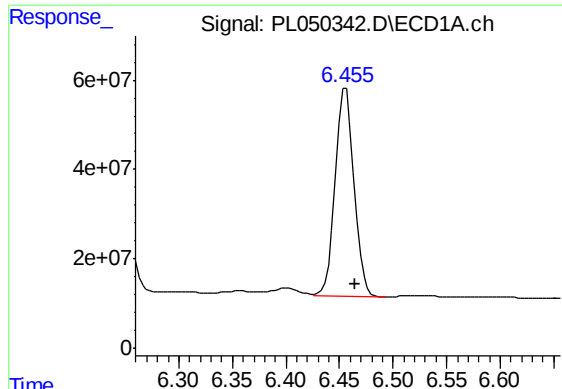
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 558743135
Conc: 47.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 146241844
Conc: 53.25 ng/ml



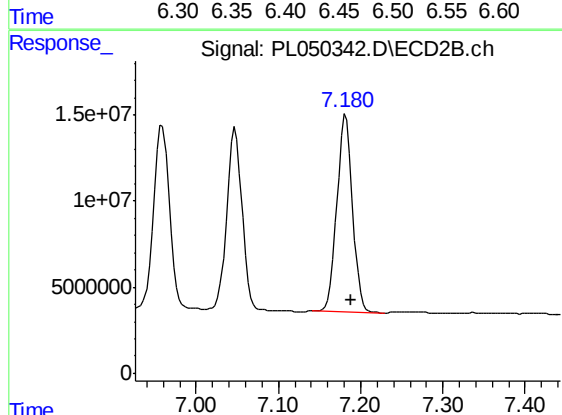
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 571847901
Conc: 44.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

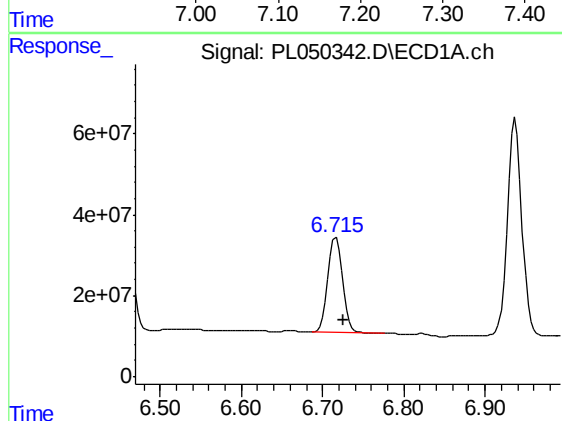
Manual Integrations
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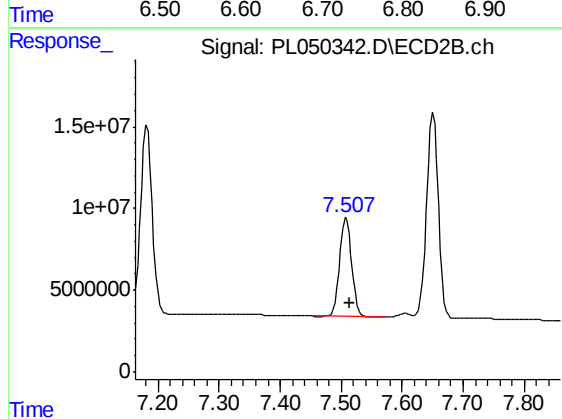
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 151626230
Conc: 50.38 ng/ml



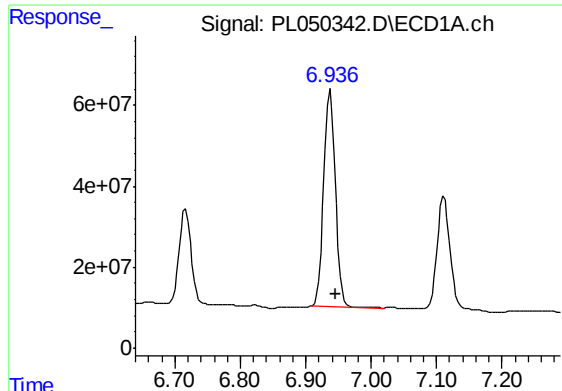
#20 Methoxychlor

R.T.: 6.716 min
Delta R.T.: -0.009 min
Response: 295443115
Conc: 45.33 ng/ml



#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 82861601
Conc: 49.71 ng/ml



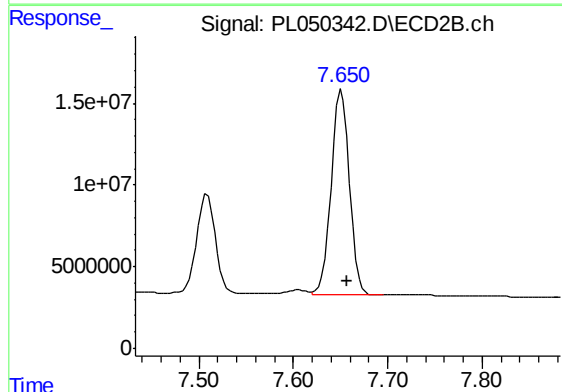
#21 Endrin ketone

R.T.: 6.938 min
Delta R.T.: -0.009 min
Response: 664175066
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

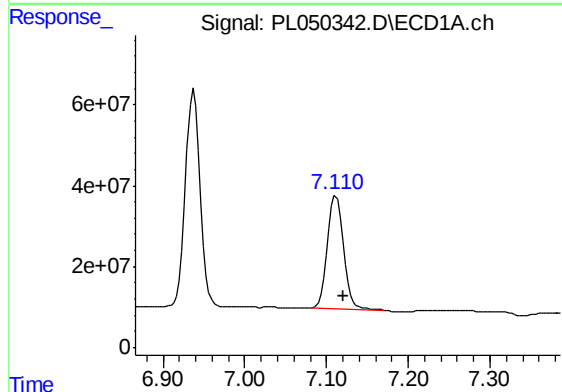
Manual Integrations
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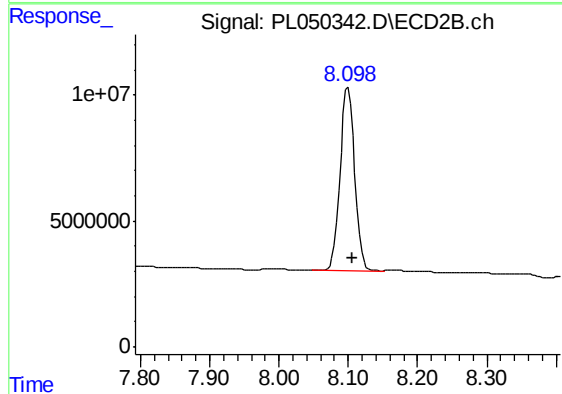
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 168943998
Conc: 54.21 ng/ml



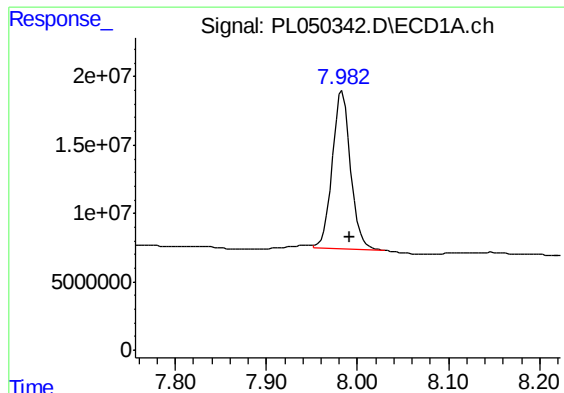
#22 Mirex

R.T.: 7.112 min
Delta R.T.: -0.009 min
Response: 385725691
Conc: 37.32 ng/ml



#22 Mirex

R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 105996299
Conc: 41.92 ng/ml



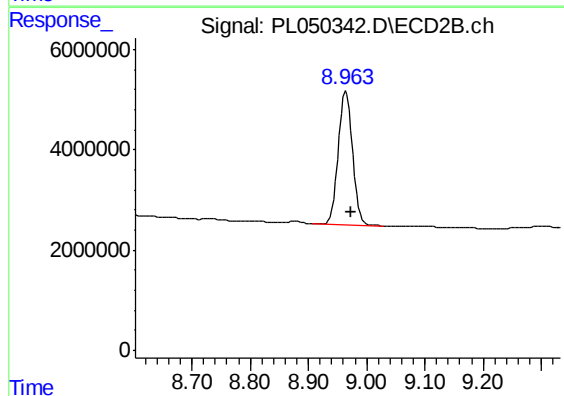
#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.010 min
Response: 162967395
Conc: 12.83 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMMSD

Manual Integrations
APPROVED

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7/16/2019 10:10:49 AM



#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 45867686
Conc: 13.66 ng/ml