

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
 Data File : PL047266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2019 13:36
 Operator : AJ\SJ
 Sample : SOIL IDOC 02
 Misc : EXTRACTION FOR SS
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 02

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:09:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.356	3.975	121.6E6	39754234	16.715	17.363
28)	SA Decachlor...	8.031	9.025	131.5E6	39693939	15.636	17.121
Target Compounds							
2)	A alpha-BHC	3.785	4.364	492.0E6	135.0E6	42.187	42.013
3)	MA gamma-BHC...	4.062	4.649	442.9E6	127.3E6	41.224	42.543
4)	MA Heptachlor	4.349	5.153	477.2E6	133.8E6	43.287	43.495m
5)	MB Aldrin	4.589	5.457	445.0E6	124.8E6	43.139	43.544m
6)	B beta-BHC	4.316	4.822	182.6E6	56858138	40.548	42.889
7)	B delta-BHC	4.511	5.038	413.9E6	85806477	40.891	36.983
8)	B Heptachlo...	5.026	5.843	410.1E6	100.0E6	42.047	37.932m
9)	A Endosulfan I	5.358	6.201	390.9E6	109.2E6	41.571	41.845
10)	B gamma-Chl...	5.249	6.079	428.5E6	117.5E6	41.717	41.403
11)	B alpha-Chl...	5.305	6.151	419.9E6	118.1E6	41.410	41.620
12)	B 4,4'-DDE	5.471	6.309	392.6E6	102.7E6	42.642m	41.388
13)	MA Dieldrin	5.597	6.458	415.9E6	109.8E6	41.443	40.515
14)	MA Endrin	5.851	6.675	390.0E6	98156767	41.404	41.074
15)	B Endosulfa...	6.125	6.885	351.9E6	94821113	39.280	39.298
16)	A 4,4'-DDD	5.984	6.799	303.6E6	81145571	40.165	40.330
17)	MA 4,4'-DDT	6.218	7.096	316.1E6	87082204	41.732	41.528m
18)	B Endrin al...	6.291	7.009	287.7E6	81997928	38.384	38.606
19)	B Endosulfa...	6.503	7.232	335.1E6	94992766	40.807	40.268
20)	A Methoxychlor	6.763	7.556	163.7E6	54363701	38.520	42.646
21)	B Endrin ke...	6.986	7.701	362.4E6	101.0E6	39.188	40.641
22)	Mirex	7.163	8.152	278.8E6	80719668	38.269	40.356

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
Data File : PL047266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2019 13:36
Operator : AJ\SJ
Sample : SOIL IDOC 02
Misc : EXTRACTION FOR SS
ALS Vial : 7 Sample Multiplier: 1

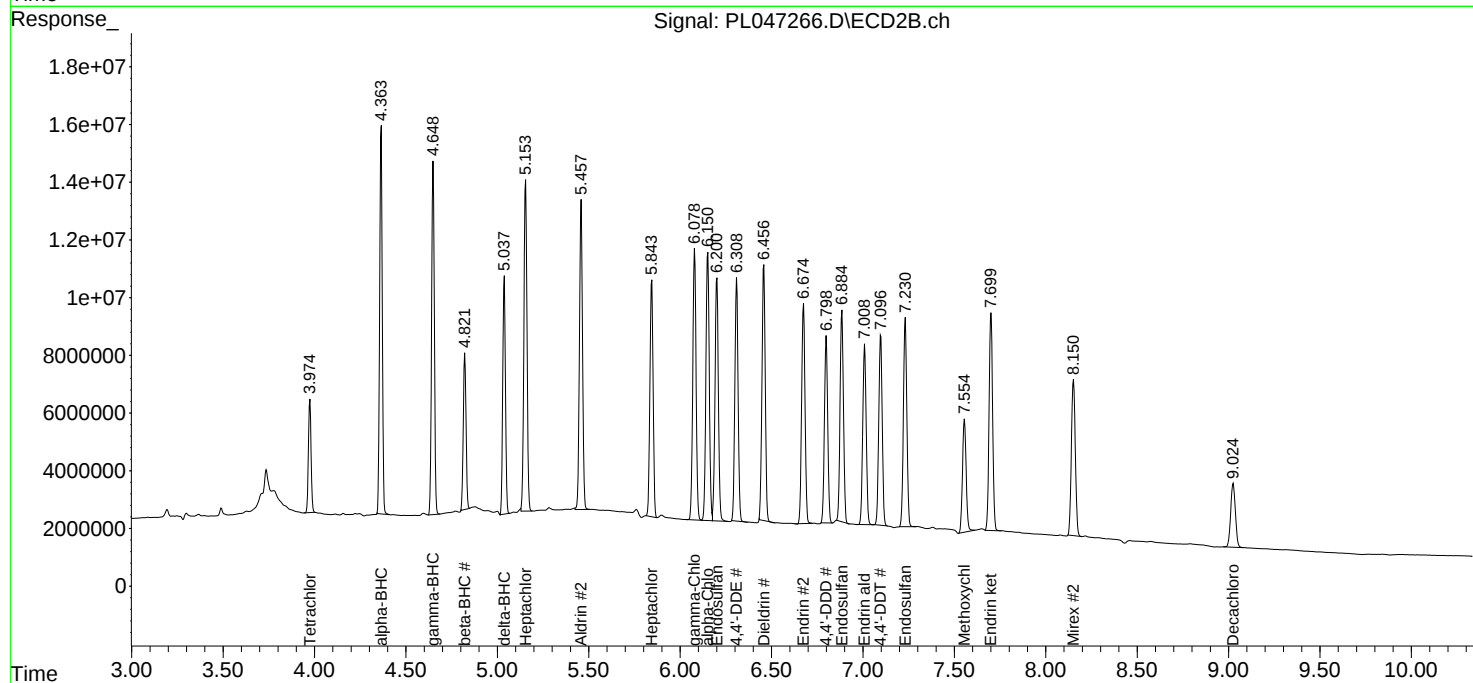
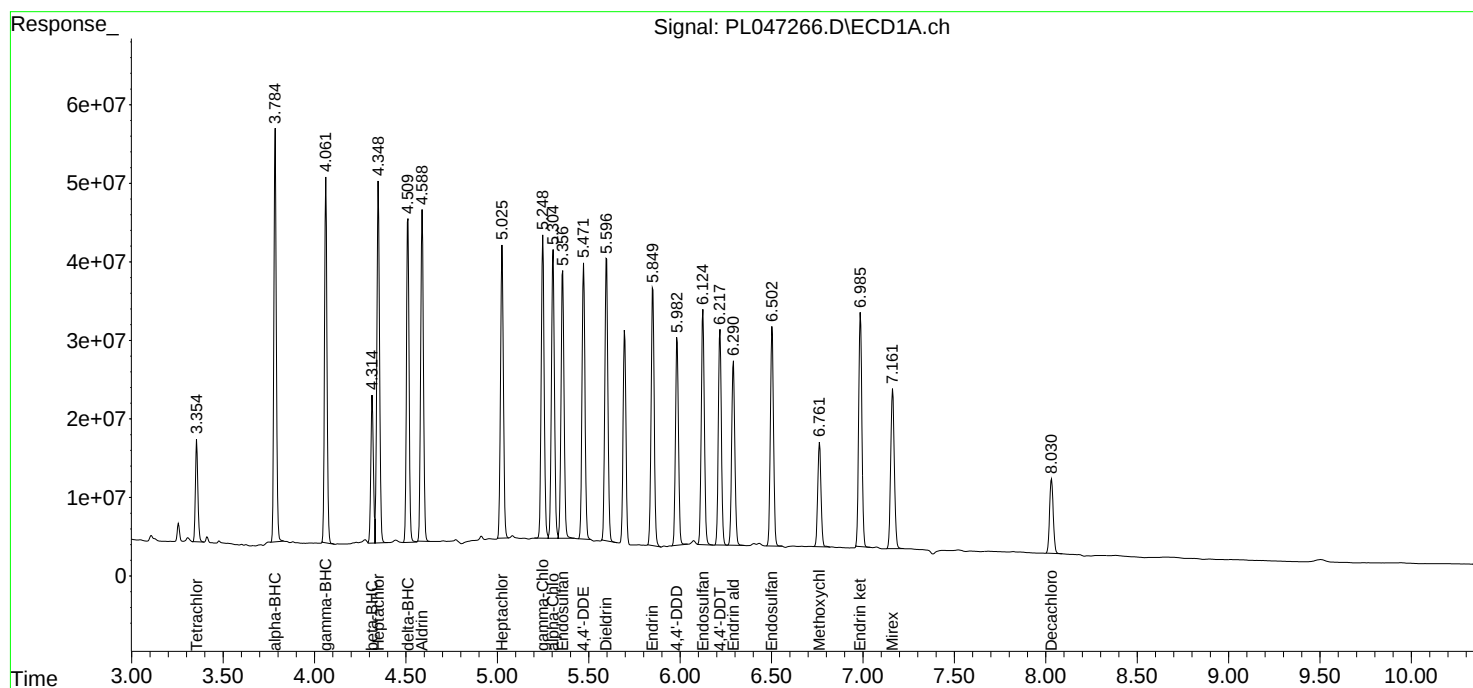
Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

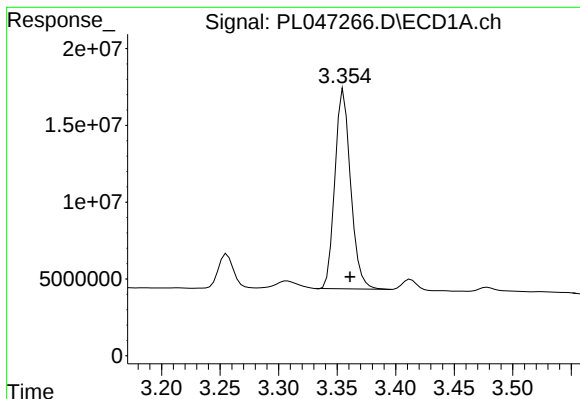
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:09:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response 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





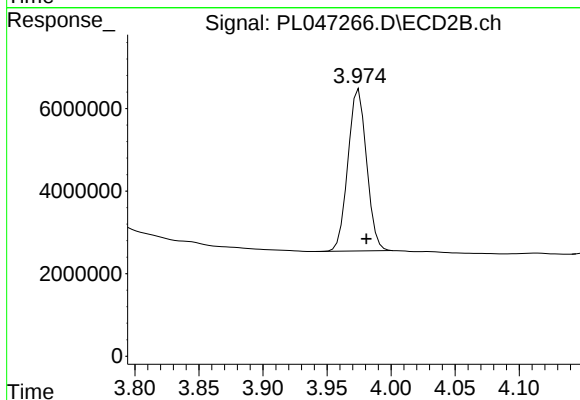
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 121593541
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

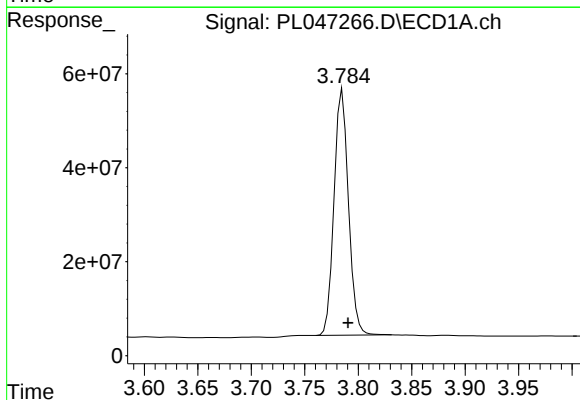
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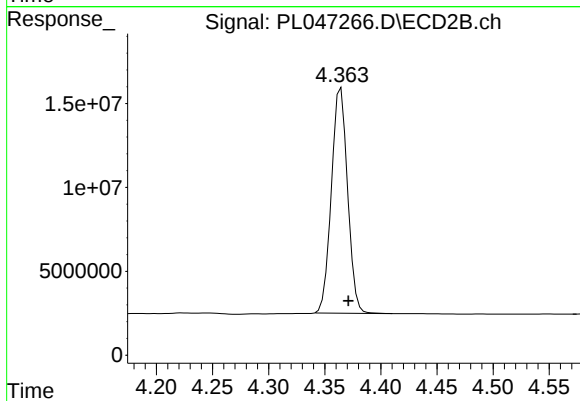
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 39754234
Conc: 17.36 ng/ml



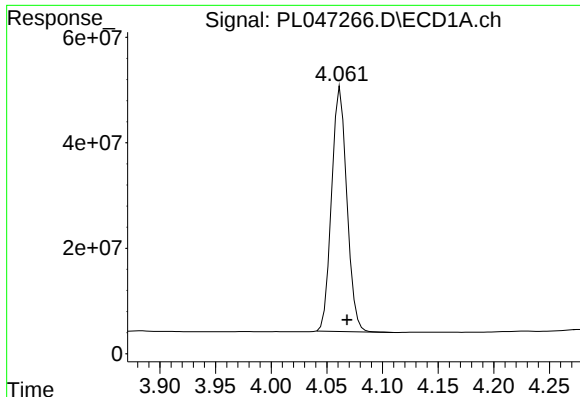
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 491981887
Conc: 42.19 ng/ml



#2 alpha-BHC

R.T.: 4.364 min
Delta R.T.: -0.006 min
Response: 134999347
Conc: 42.01 ng/ml



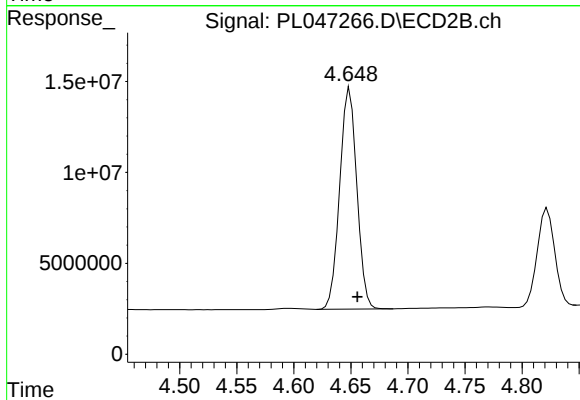
#3 gamma-BHC (Lindane)

R.T.: 4.062 min
Delta R.T.: -0.006 min
Response: 442931097
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

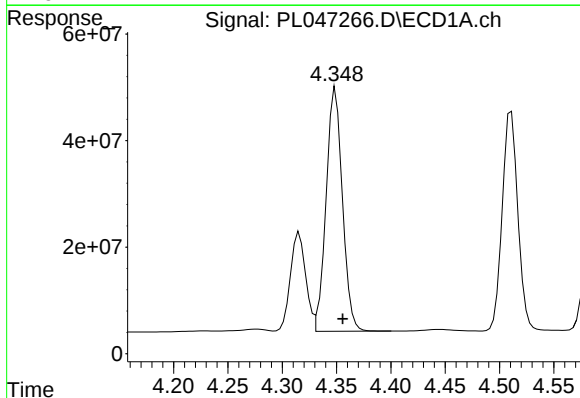
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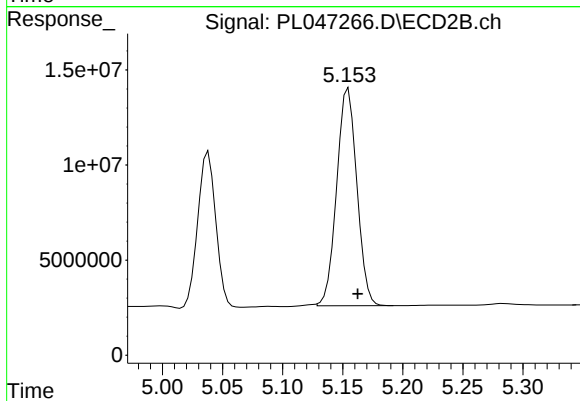
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 127331858
Conc: 42.54 ng/ml



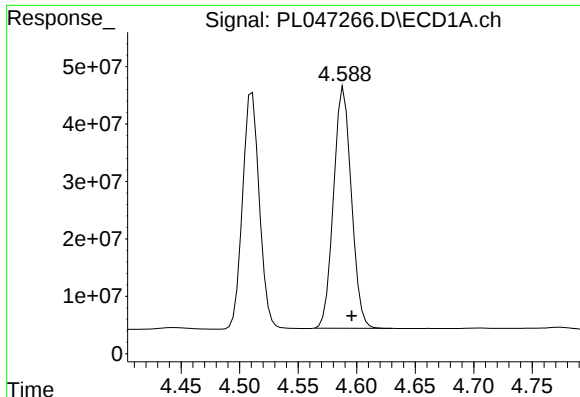
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 477248673
Conc: 43.29 ng/ml



#4 Heptachlor

R.T.: 5.153 min
Delta R.T.: -0.009 min
Response: 133785156
Conc: 43.49 ng/ml m



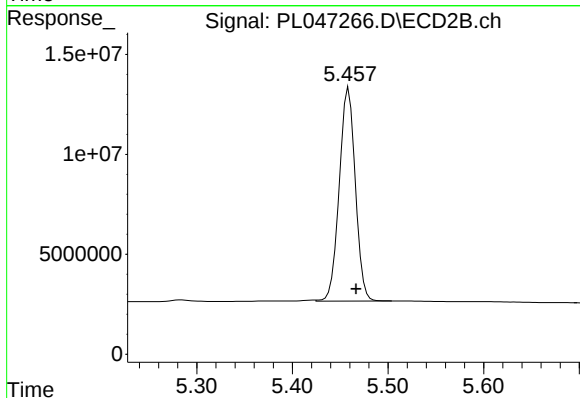
#5 Aldrin

R.T.: 4.589 min
Delta R.T.: -0.007 min
Response: 444980932
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

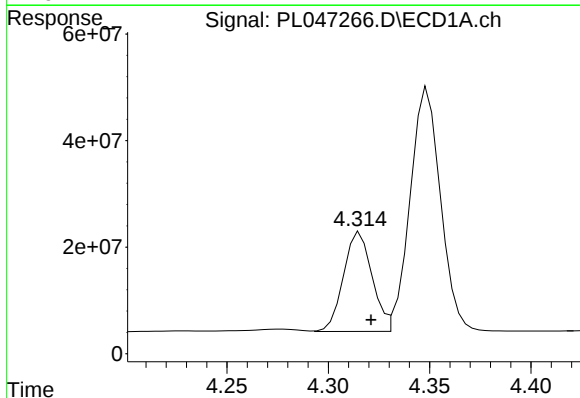
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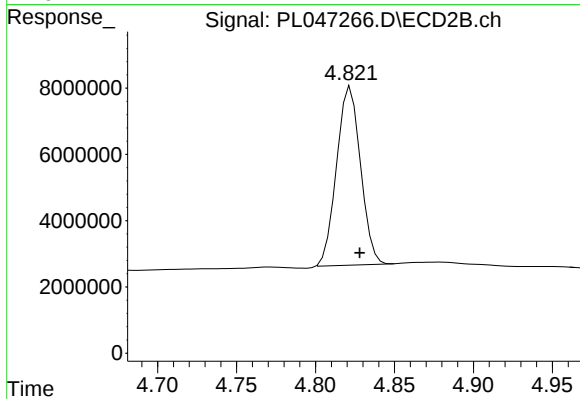
#5 Aldrin

R.T.: 5.457 min
Delta R.T.: -0.009 min
Response: 124751885
Conc: 43.54 ng/ml m



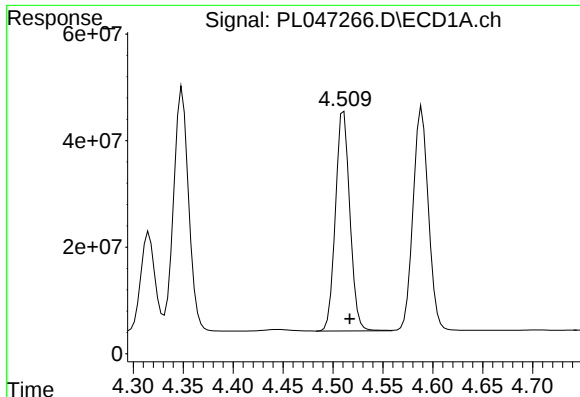
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 182562995
Conc: 40.55 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.006 min
Response: 56858138
Conc: 42.89 ng/ml



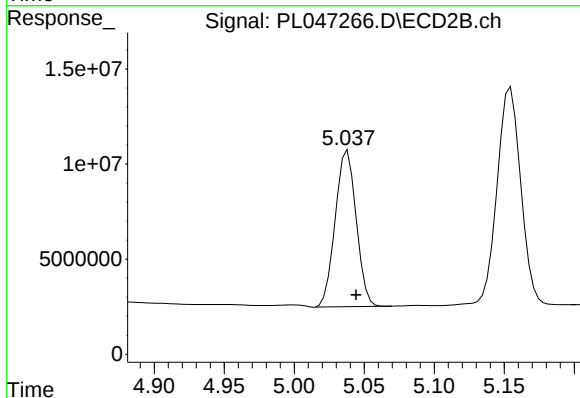
#7 delta-BHC

R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 413939502
Conc: 40.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

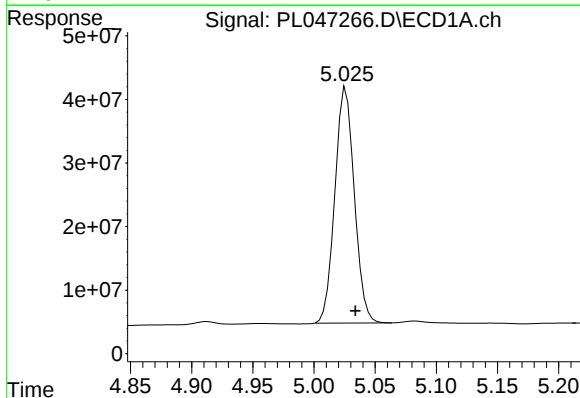
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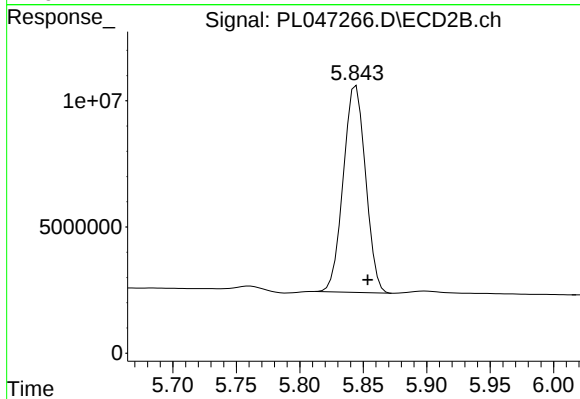
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 85806477
Conc: 36.98 ng/ml



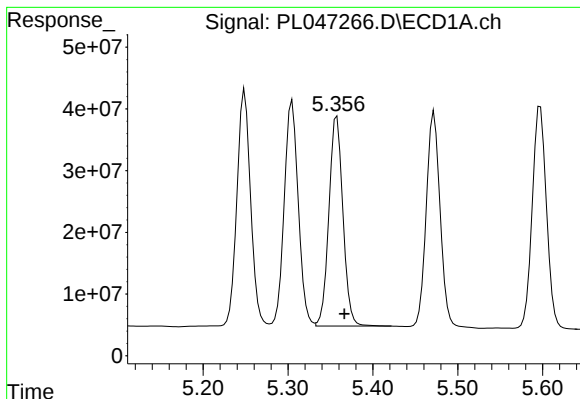
#8 Heptachlor epoxide

R.T.: 5.026 min
Delta R.T.: -0.008 min
Response: 410106178
Conc: 42.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min
Delta R.T.: -0.011 min
Response: 100034162
Conc: 37.93 ng/ml m



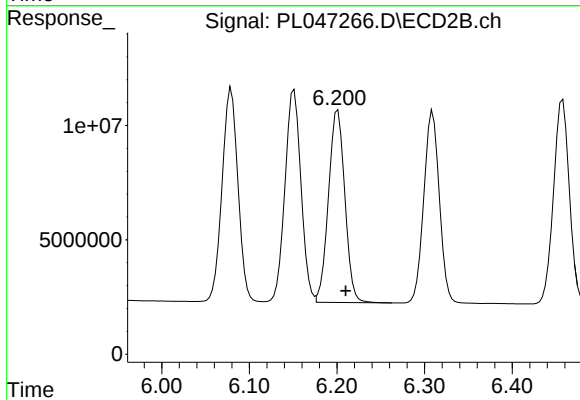
#9 Endosulfan I

R.T.: 5.358 min
Delta R.T.: -0.009 min
Response: 390864537
Conc: 41.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

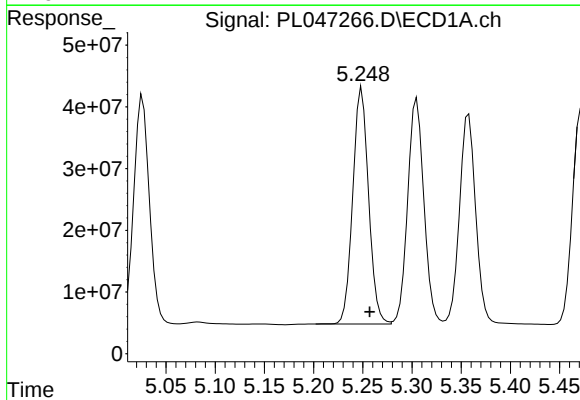
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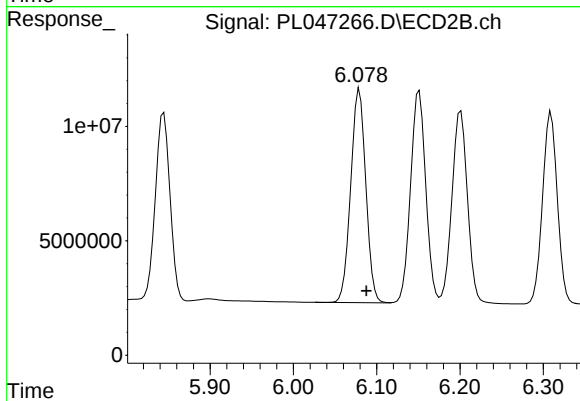
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 109209006
Conc: 41.84 ng/ml



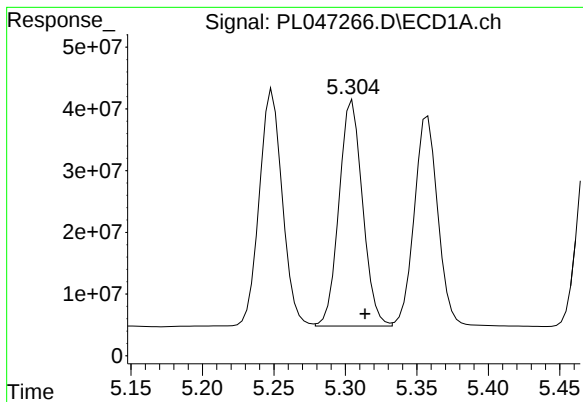
#10 gamma-Chlordane

R.T.: 5.249 min
Delta R.T.: -0.008 min
Response: 428543262
Conc: 41.72 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 117506575
Conc: 41.40 ng/ml



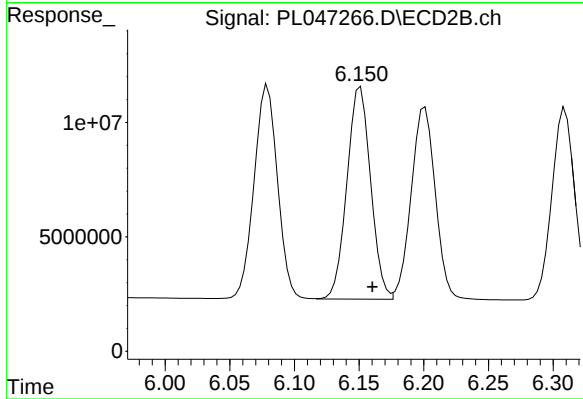
#11 alpha-Chlordane

R.T.: 5.305 min
Delta R.T.: -0.009 min
Response: 419853252
Conc: 41.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

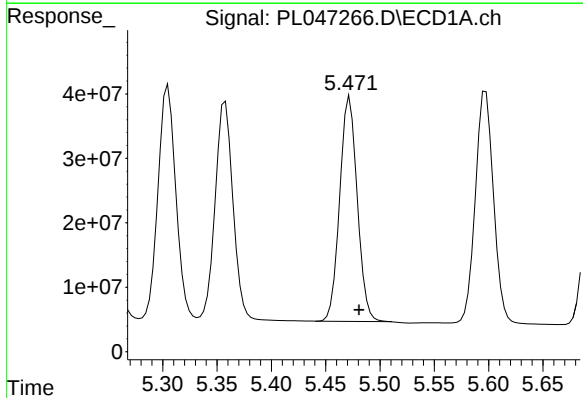
Manual Integrations
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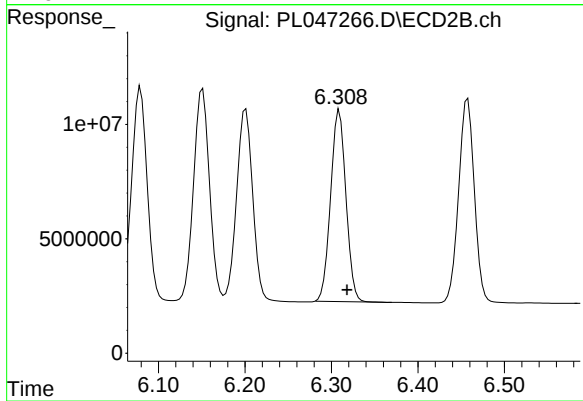
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 118063373
Conc: 41.62 ng/ml



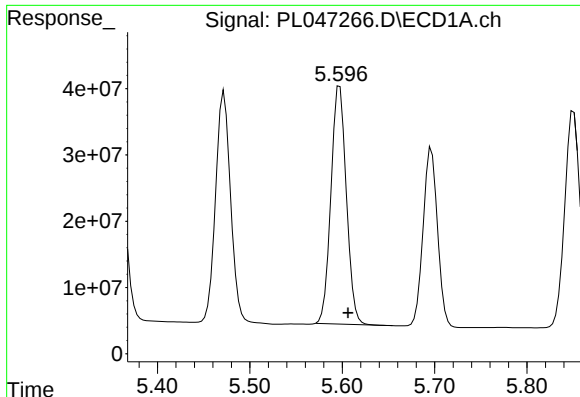
#12 4,4'-DDE

R.T.: 5.471 min
Delta R.T.: -0.010 min
Response: 392606655
Conc: 42.64 ng/ml m



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 102737558
Conc: 41.39 ng/ml



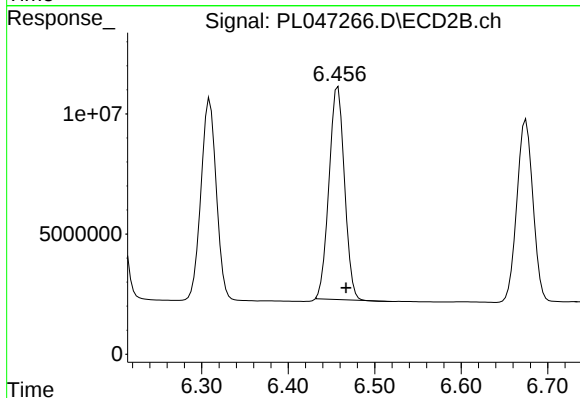
#13 Dieldrin

R.T.: 5.597 min
Delta R.T.: -0.009 min
Response: 415902252
Conc: 41.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

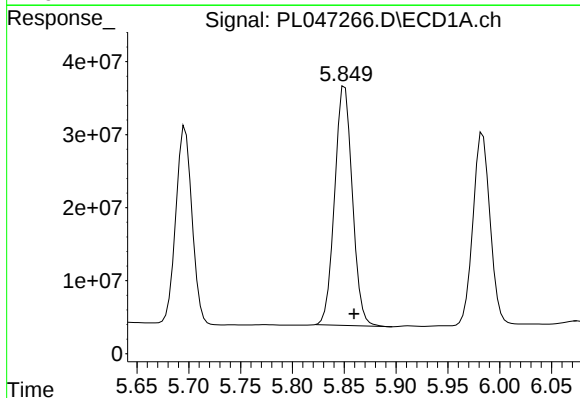
Manual Integrations
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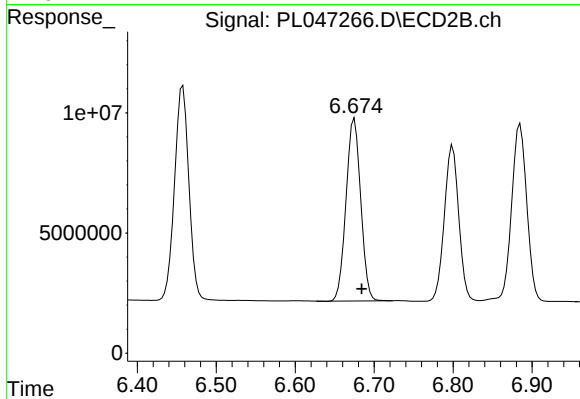
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 109823264
Conc: 40.52 ng/ml



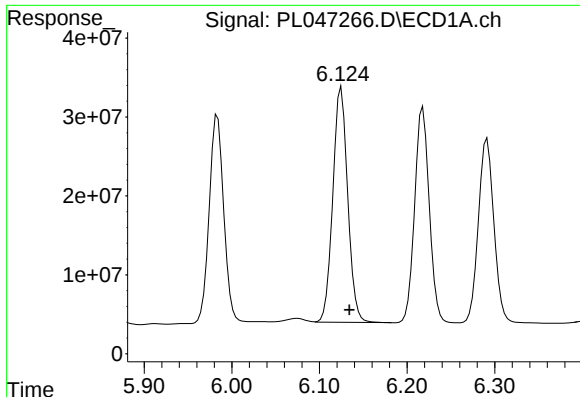
#14 Endrin

R.T.: 5.851 min
Delta R.T.: -0.009 min
Response: 389996215
Conc: 41.40 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.010 min
Response: 98156767
Conc: 41.07 ng/ml



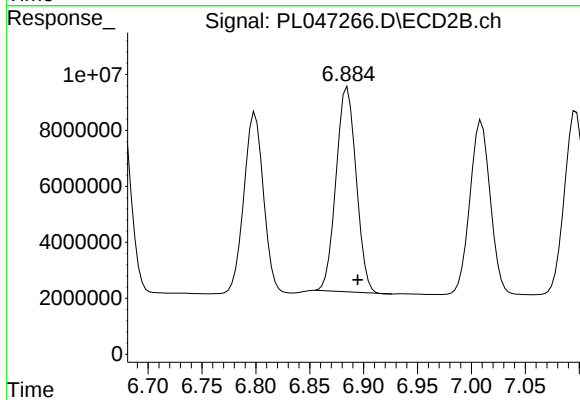
#15 Endosulfan II

R.T.: 6.125 min
Delta R.T.: -0.009 min
Response: 351935006
Conc: 39.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

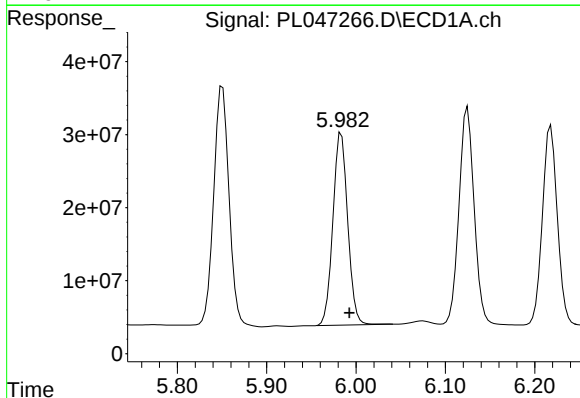
Manual Integrations
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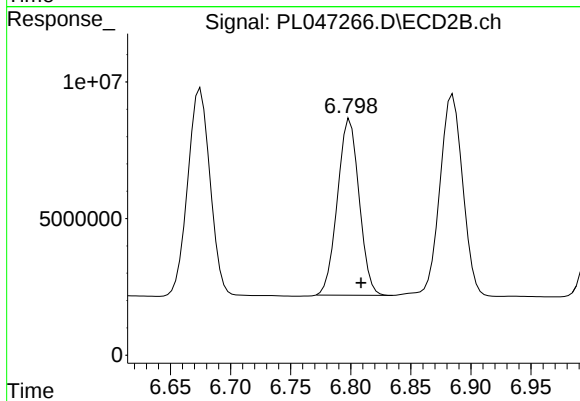
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.010 min
Response: 94821113
Conc: 39.30 ng/ml



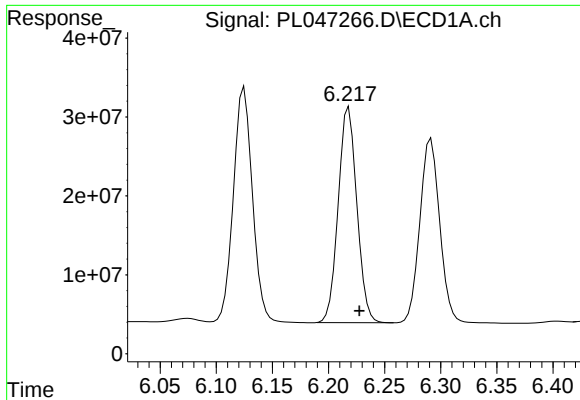
#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: -0.009 min
Response: 303608509
Conc: 40.16 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: -0.009 min
Response: 81145571
Conc: 40.33 ng/ml



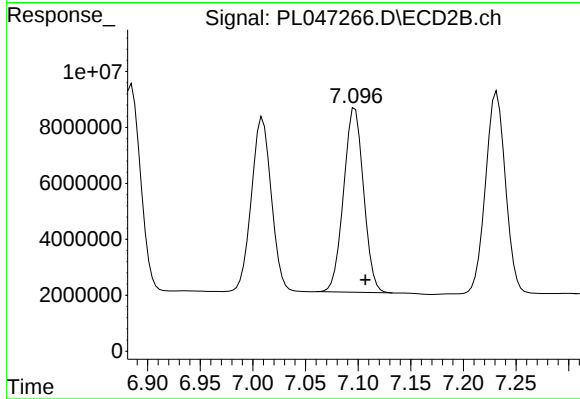
#17 4,4'-DDT

R.T.: 6.218 min
Delta R.T.: -0.010 min
Response: 316094635
Conc: 41.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

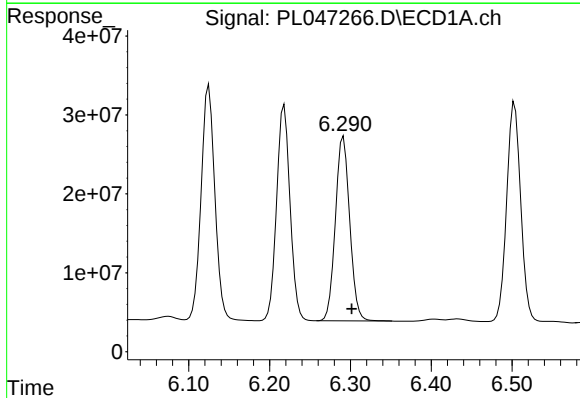
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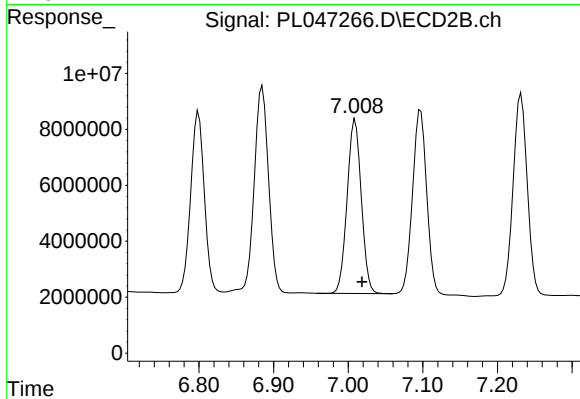
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 87082204
Conc: 41.53 ng/ml m



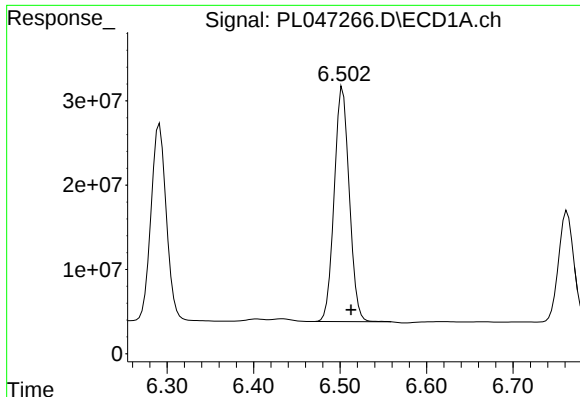
#18 Endrin aldehyde

R.T.: 6.291 min
Delta R.T.: -0.010 min
Response: 287691108
Conc: 38.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 81997928
Conc: 38.61 ng/ml



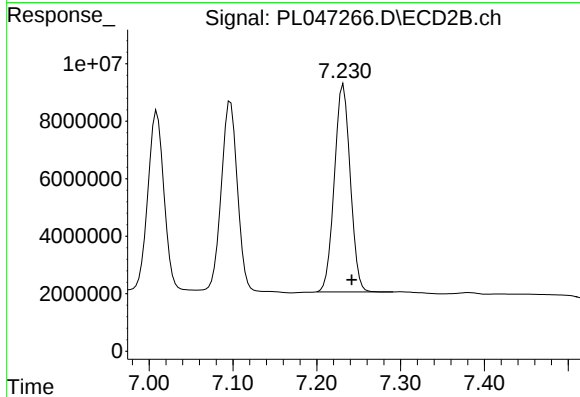
#19 Endosulfan Sulfate

R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 335073380
Conc: 40.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

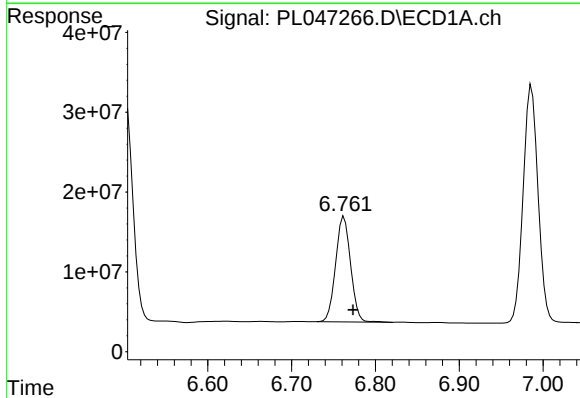
Manual Integrations
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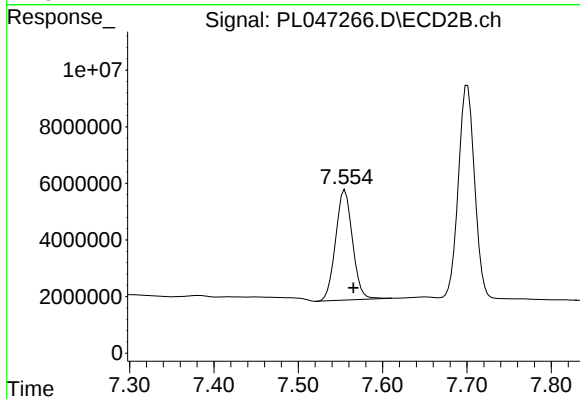
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 94992766
Conc: 40.27 ng/ml



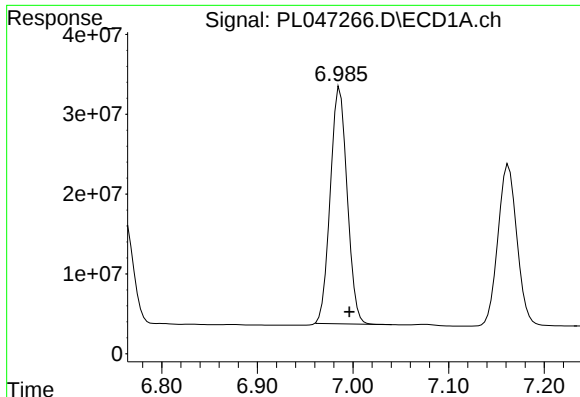
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.011 min
Response: 163705836
Conc: 38.52 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.010 min
Response: 54363701
Conc: 42.65 ng/ml



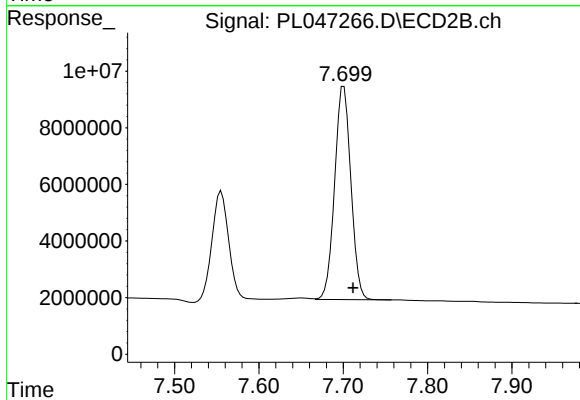
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.010 min
Response: 362365450
Conc: 39.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

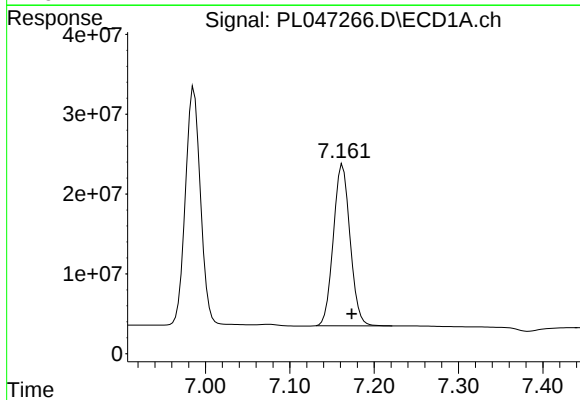
Manual Integrations
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Sohil
4/12/2019 10:42:32 AM



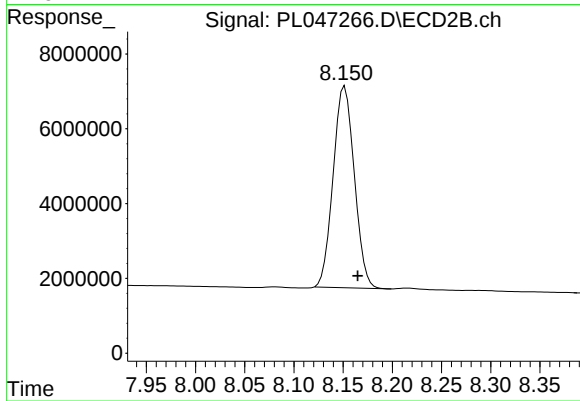
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.011 min
Response: 100973221
Conc: 40.64 ng/ml



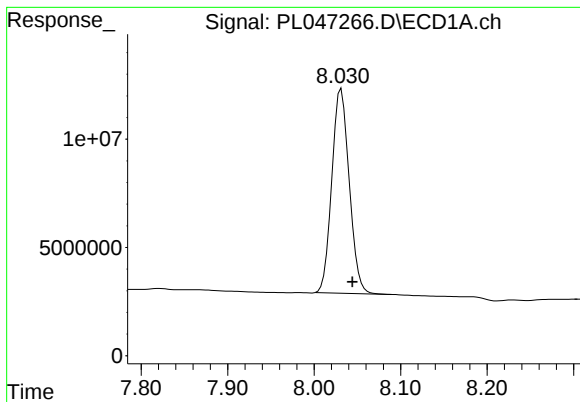
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.011 min
Response: 278806878
Conc: 38.27 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: -0.013 min
Response: 80719668
Conc: 40.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.031 min

Delta R.T.: -0.013 min

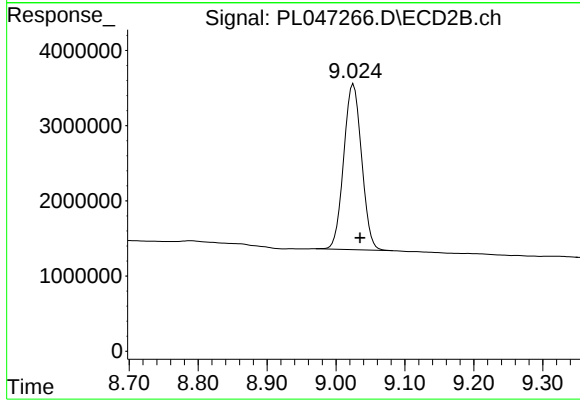
Response: 131511972

Conc: 15.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min

Delta R.T.: -0.010 min

Response: 39693939

Conc: 17.12 ng/ml