

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010319\
 Data File : PL043559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2019 17:11
 Operator : AJ\SJ
 Sample : SOIL IDOC 02
 Misc : FOR FE (EXTRACTION) PB116121
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 02

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:25:41 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 06:46:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010319.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 04 06:12:42 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.463	4.099	113.2E6	57941969	17.720	19.831
28)	SA Decachlor...	8.199	9.229	107.0E6	44736306	21.225	20.237
Target Compounds							
2)	A alpha-BHC	3.903	4.495	480.0E6	219.9E6	49.627	52.033
3)	MA gamma-BHC...	4.186	4.784	444.2E6	207.4E6	50.866	52.110
4)	MA Heptachlor	4.480	5.299	453.7E6	203.4E6	50.775	51.941
5)	MB Aldrin	4.726	5.608	422.3E6	195.7E6	51.465	51.837
6)	B beta-BHC	4.440	4.954	178.5E6	89232318	48.795	53.278
7)	B delta-BHC	4.642	5.173	355.4E6	186.5E6	44.654	44.110m
8)	B Heptachlor...	5.169	5.996	400.6E6	185.0E6	52.098	50.596
9)	A Endosulfan I	5.507	6.356	362.5E6	157.5E6	51.020	53.448
10)	B gamma-Chl...	5.395	6.231	405.1E6	172.0E6	51.656	53.363
11)	B alpha-Chl...	5.452	6.305	392.2E6	167.0E6	50.919	53.391
12)	B 4,4'-DDE	5.619	6.459	360.0E6	171.9E6	54.121	52.730
13)	MA Dieldrin	5.749	6.615	389.7E6	163.1E6	54.907	50.783
14)	MA Endrin	6.006	6.835	336.8E6	133.5E6	55.146	52.851
15)	B Endosulfa...	6.281	7.043	323.6E6	142.7E6	55.349	55.274
16)	A 4,4'-DDD	6.134	6.951	296.4E6	134.3E6	55.959	54.258
17)	MA 4,4'-DDT	6.373	7.251	283.9E6	122.7E6	56.256	54.926
18)	B Endrin al...	6.449	7.167	277.9E6	118.8E6	55.279	55.832
19)	B Endosulfa...	6.661	7.390	292.4E6	132.8E6	47.065	52.869
20)	A Methoxychlor	6.919	7.708	153.5E6	62579957	55.602	55.579
21)	B Endrin ke...	7.151	7.865	362.7E6	137.2E6	55.923	55.093

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010319\
 Data File : PL043559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2019 17:11
 Operator : AJ\SJ
 Sample : SOIL IDOC 02
 Misc : FOR FE (EXTRACTION) PB116121
 ALS Vial : 13 Sample Multiplier: 1

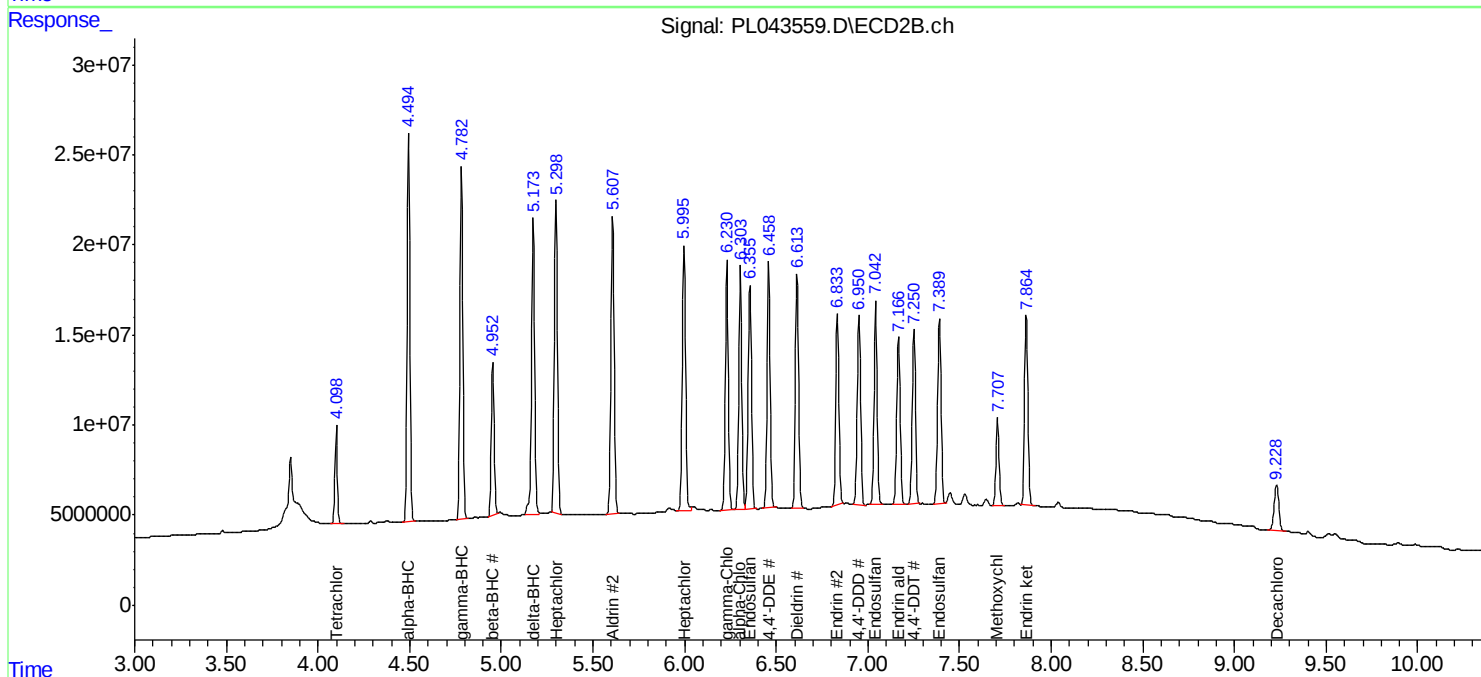
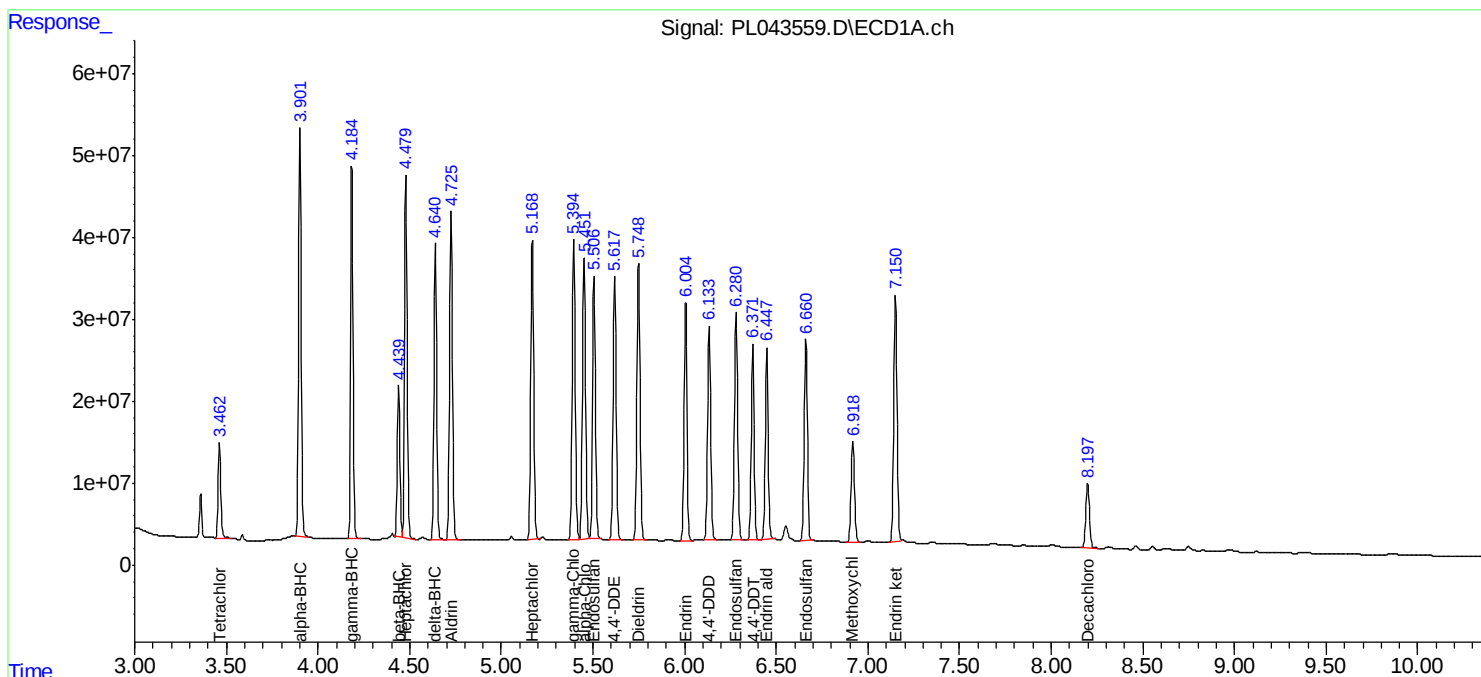
Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 02

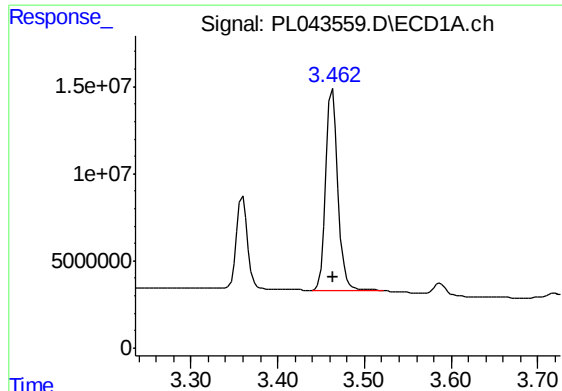
Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:25:41 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 06:46:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010319.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 04 06:12:42 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





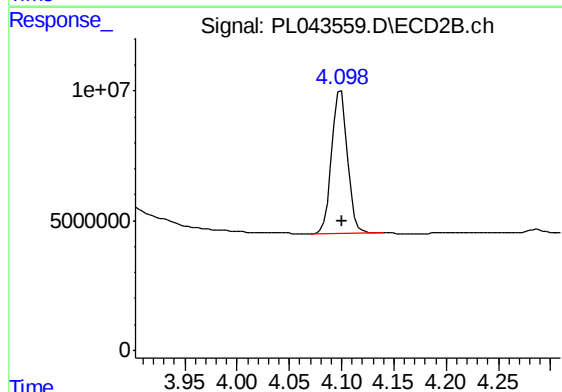
#1 Tetrachloro-m-xylene

R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 113217125
Conc: 17.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

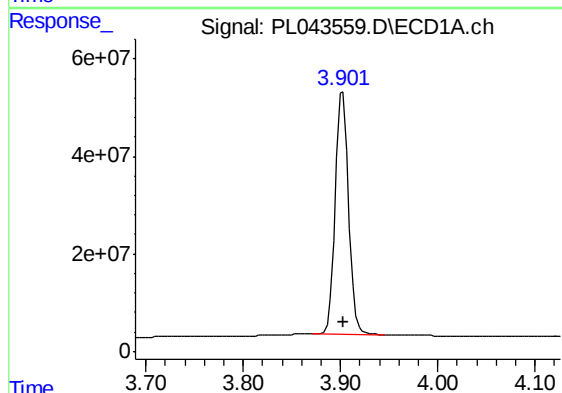
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



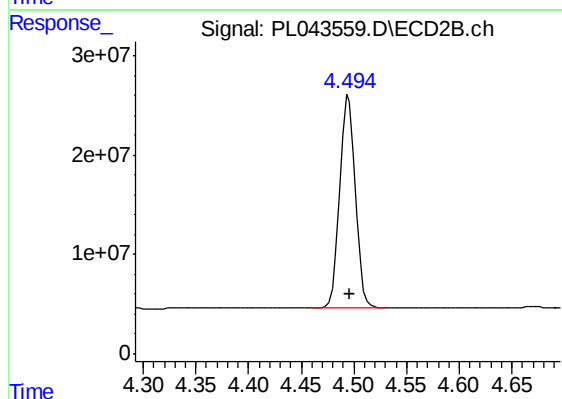
#1 Tetrachloro-m-xylene

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 57941969
Conc: 19.83 ng/ml



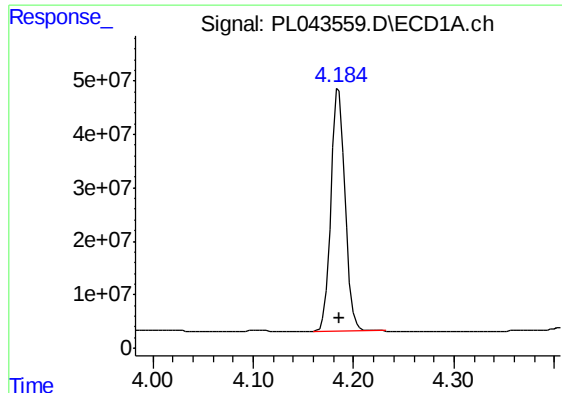
#2 alpha-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 480028560
Conc: 49.63 ng/ml



#2 alpha-BHC

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 219918584
Conc: 52.03 ng/ml



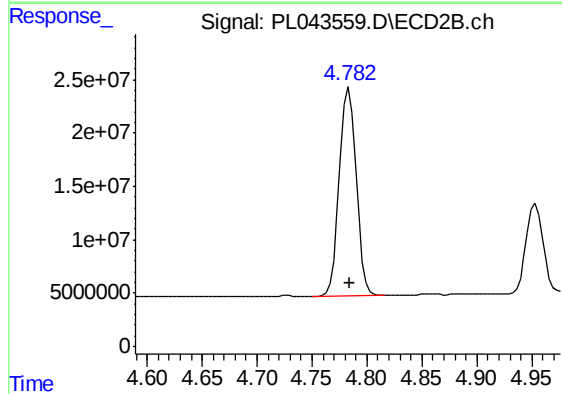
#3 gamma-BHC (Lindane)

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 444244058
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

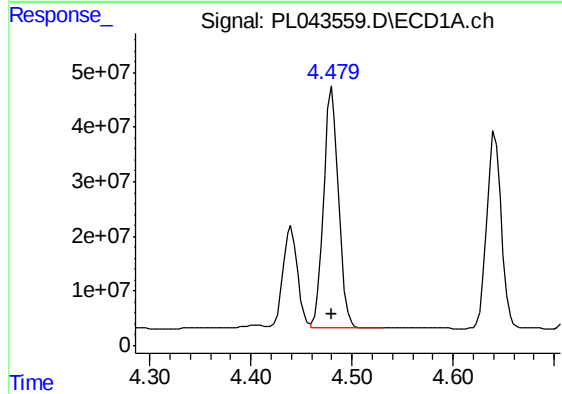
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



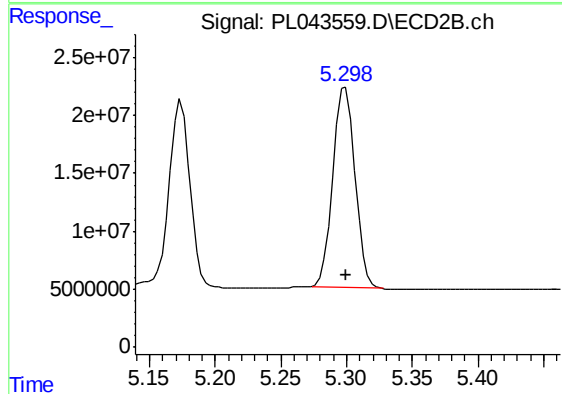
#3 gamma-BHC (Lindane)

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 207387875
Conc: 52.11 ng/ml



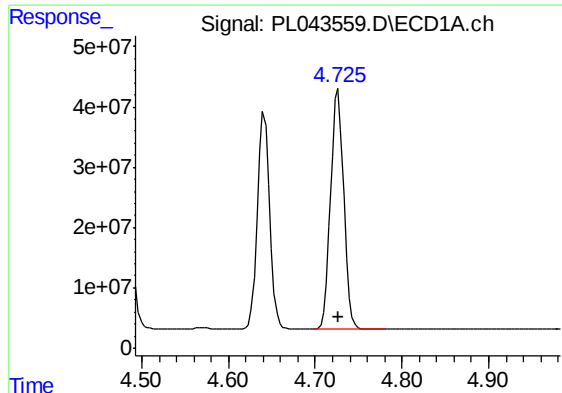
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 453661405
Conc: 50.78 ng/ml



#4 Heptachlor

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 203397538
Conc: 51.94 ng/ml



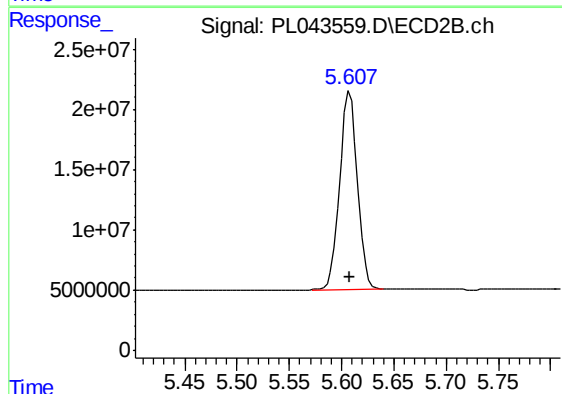
#5 Aldrin

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 422260131
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

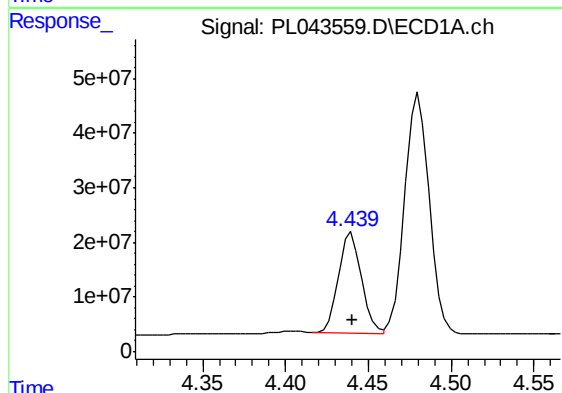
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



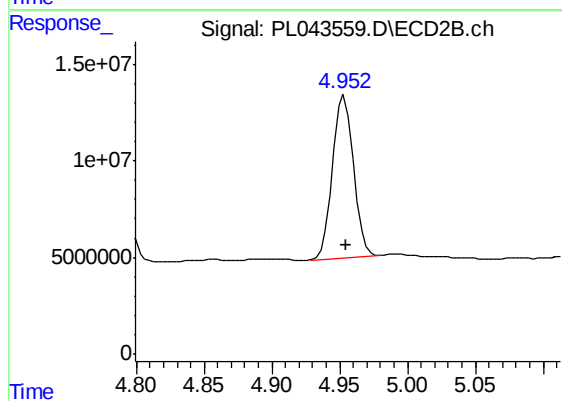
#5 Aldrin

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 195667758
Conc: 51.84 ng/ml



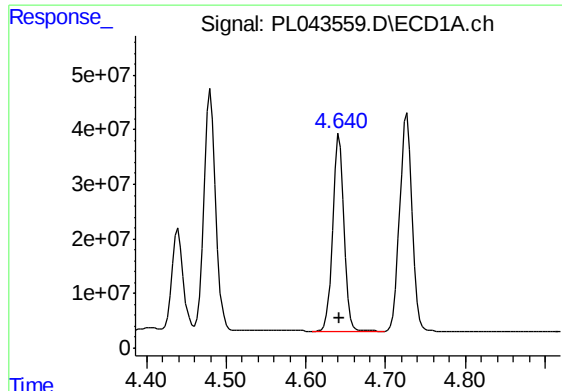
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 178538470
Conc: 48.80 ng/ml



#6 beta-BHC

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 89232318
Conc: 53.28 ng/ml



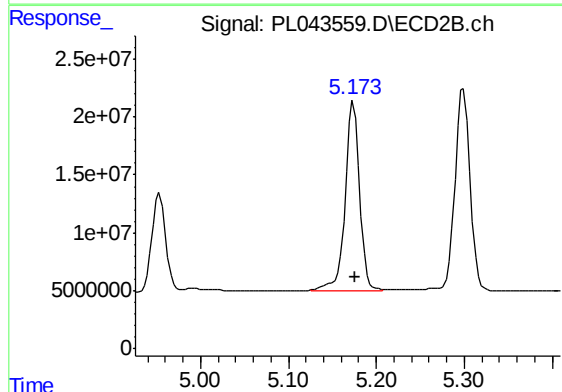
#7 delta-BHC

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 355445710
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

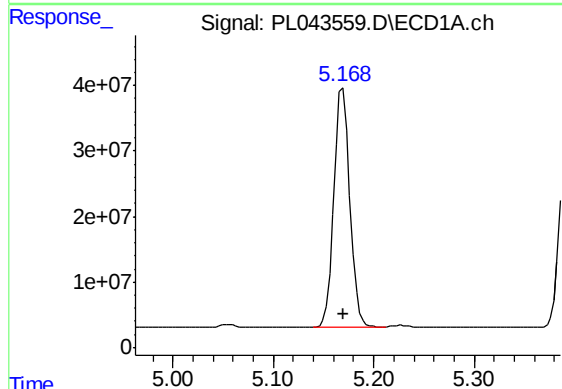
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



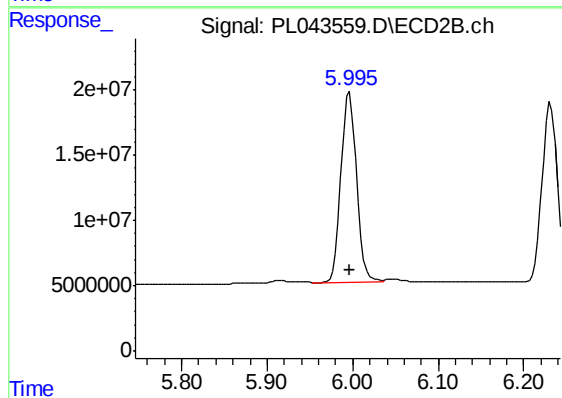
#7 delta-BHC

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 186533637
Conc: 44.11 ng/ml m



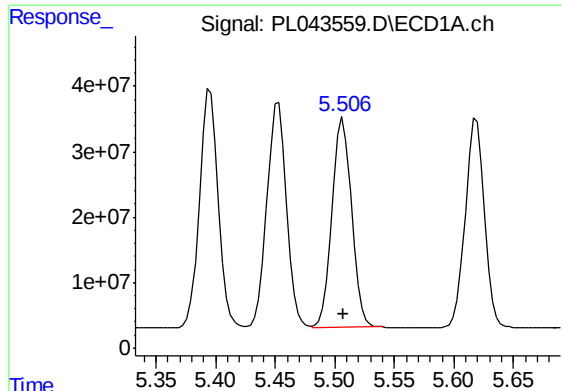
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 400633755
Conc: 52.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 184964147
Conc: 50.60 ng/ml



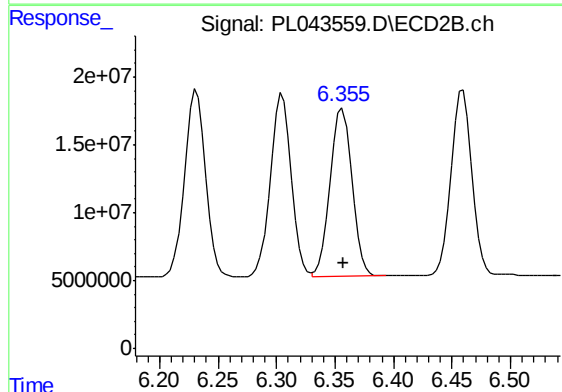
#9 Endosulfan I

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 362529301
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

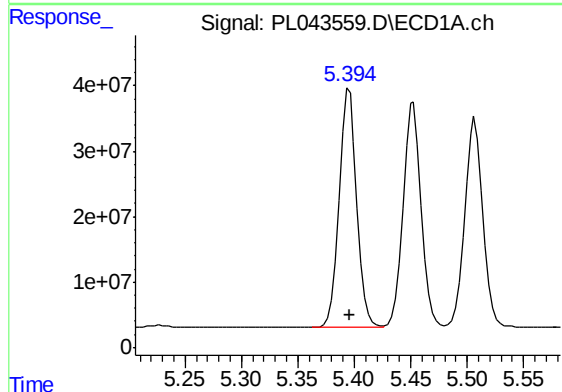
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



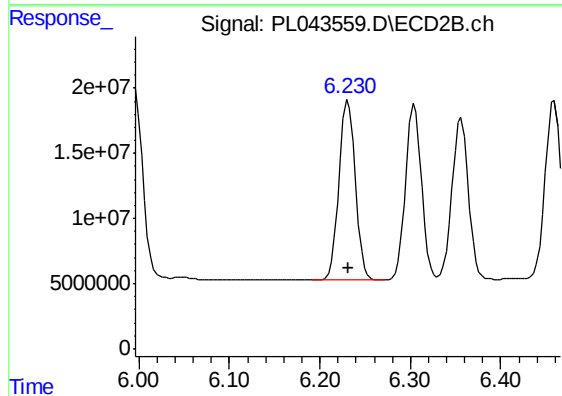
#9 Endosulfan I

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 157453705
Conc: 53.45 ng/ml



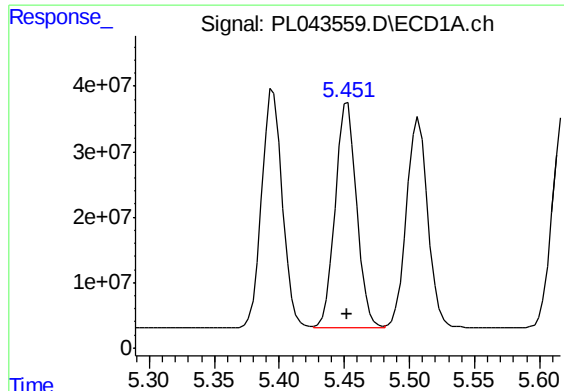
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 405091702
Conc: 51.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 171977598
Conc: 53.36 ng/ml



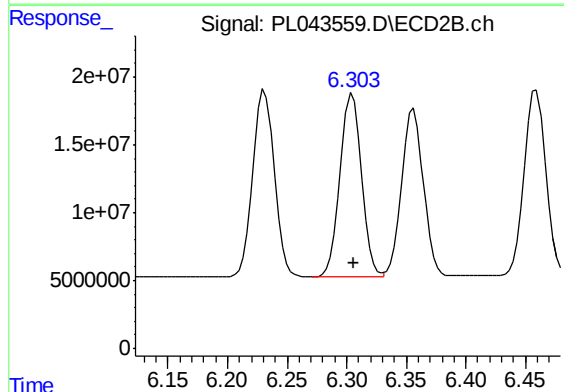
#11 alpha-Chlordane

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 392230733
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

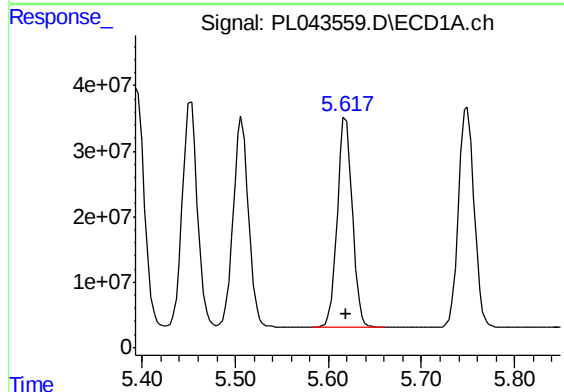
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



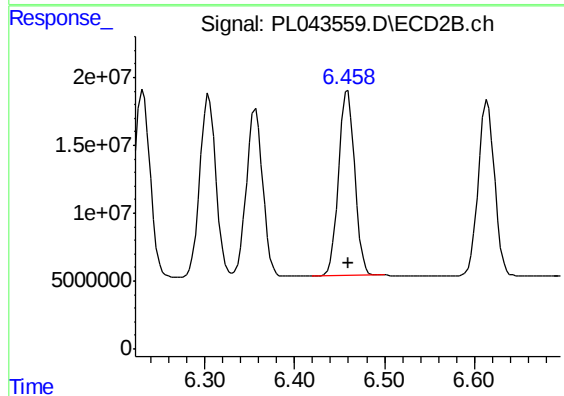
#11 alpha-Chlordane

R.T.: 6.305 min
Delta R.T.: -0.001 min
Response: 166971225
Conc: 53.39 ng/ml



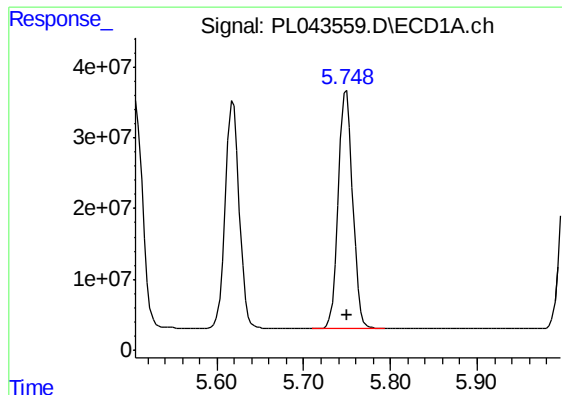
#12 4,4'-DDE

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 359976973
Conc: 54.12 ng/ml



#12 4,4'-DDE

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 171939418
Conc: 52.73 ng/ml



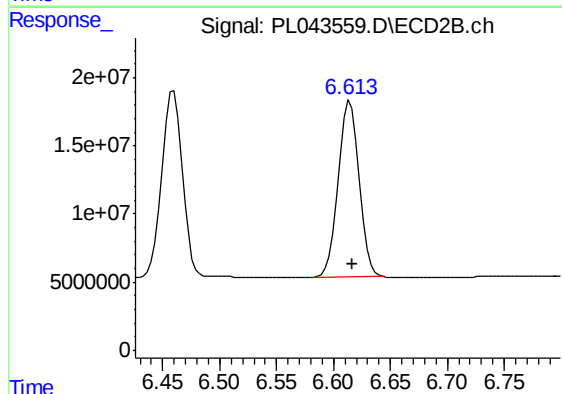
#13 Dieldrin

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 389677549
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

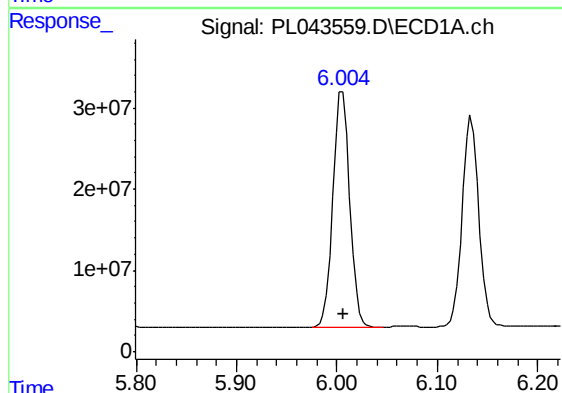
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



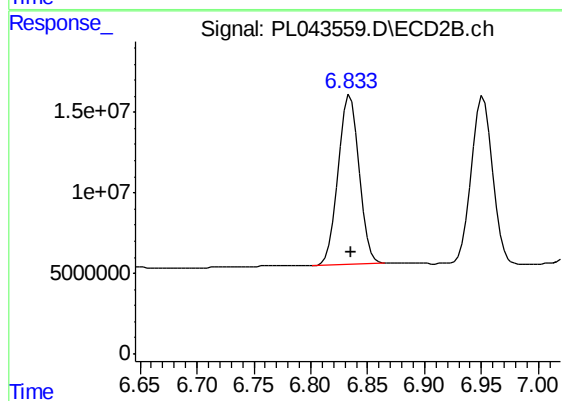
#13 Dieldrin

R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 163098808
Conc: 50.78 ng/ml



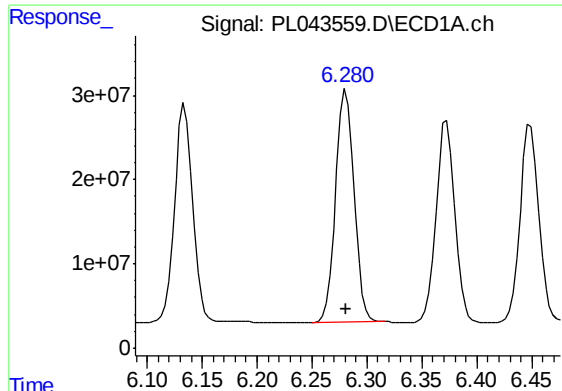
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 336840563
Conc: 55.15 ng/ml



#14 Endrin

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 133525598
Conc: 52.85 ng/ml



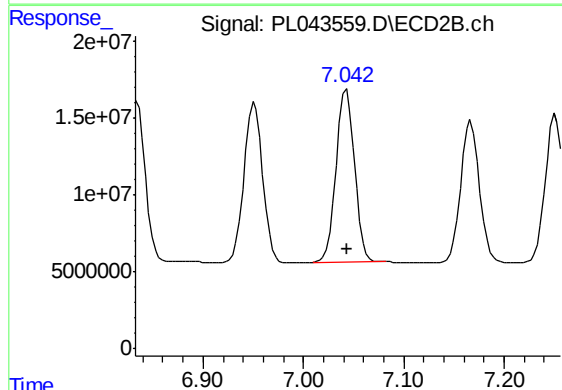
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 323562318
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

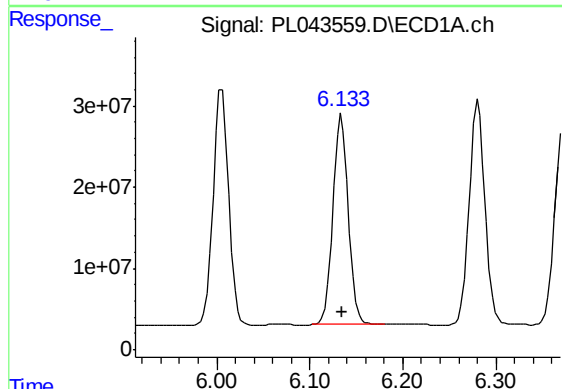
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



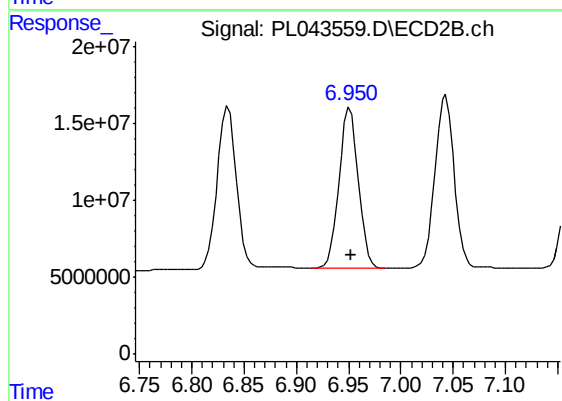
#15 Endosulfan II

R.T.: 7.043 min
Delta R.T.: -0.001 min
Response: 142703081
Conc: 55.27 ng/ml



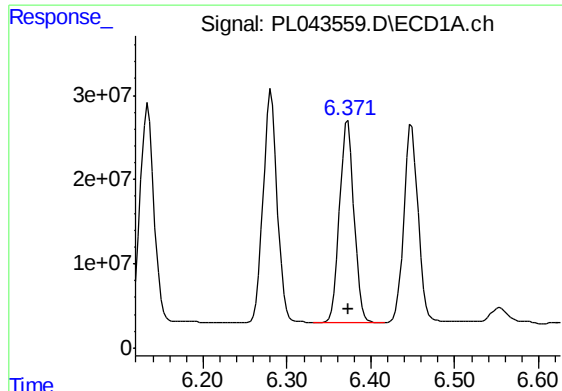
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 296437746
Conc: 55.96 ng/ml



#16 4,4'-DDD

R.T.: 6.951 min
Delta R.T.: -0.001 min
Response: 134255800
Conc: 54.26 ng/ml



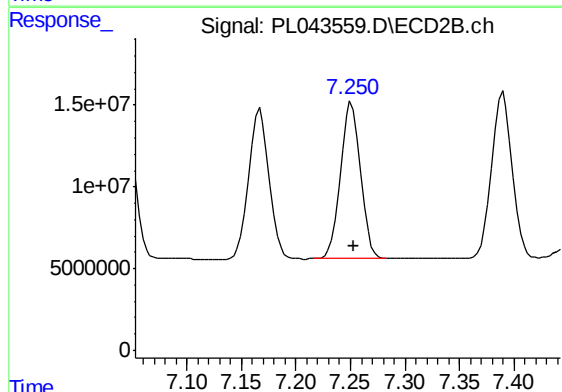
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 283883481
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

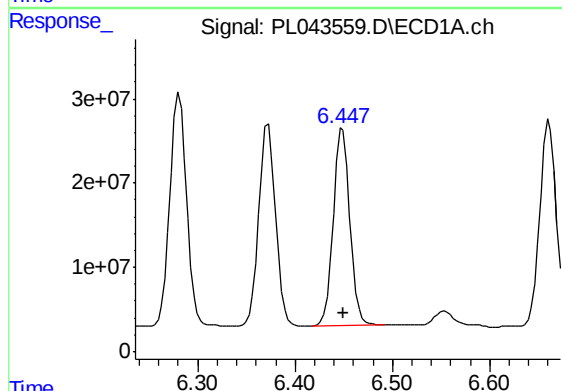
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



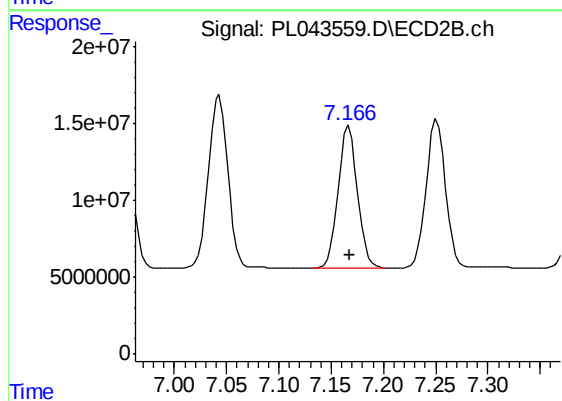
#17 4,4'-DDT

R.T.: 7.251 min
Delta R.T.: -0.002 min
Response: 122686978
Conc: 54.93 ng/ml



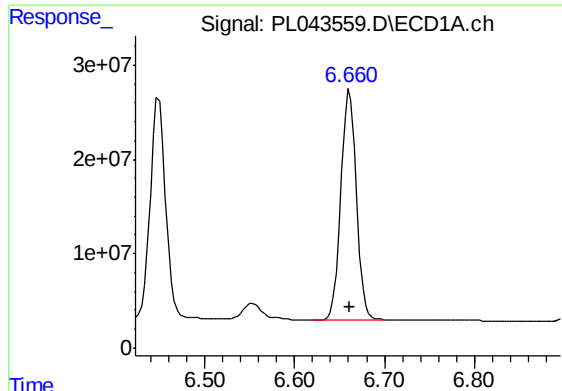
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 277926636
Conc: 55.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 118800060
Conc: 55.83 ng/ml



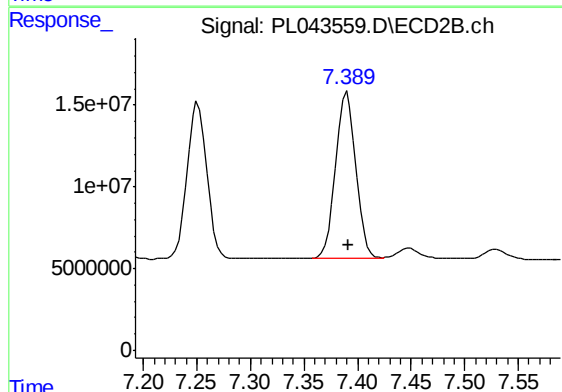
#19 Endosulfan Sulfate

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 292429861
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

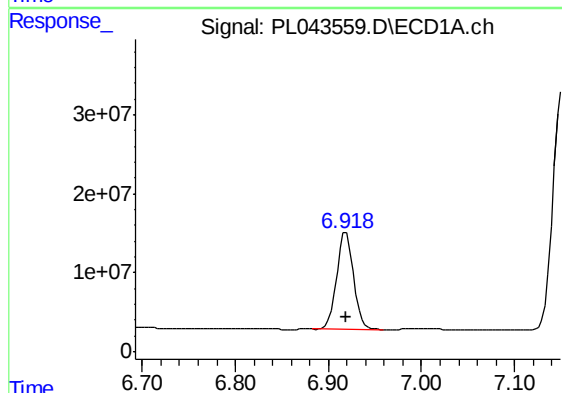
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



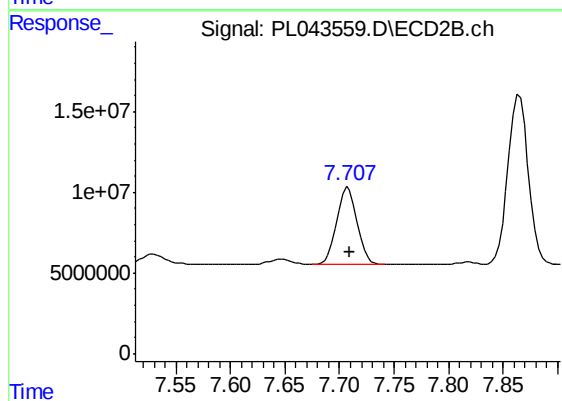
#19 Endosulfan Sulfate

R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 132765143
Conc: 52.87 ng/ml



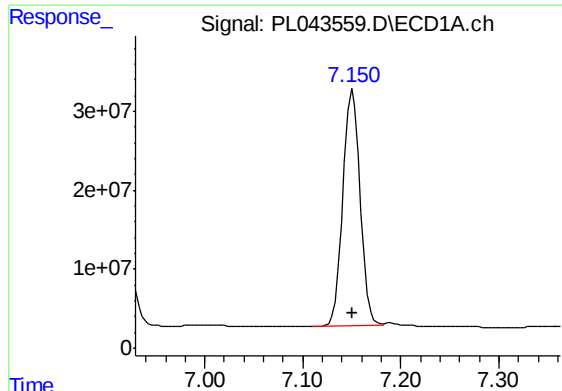
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 153524566
Conc: 55.60 ng/ml



#20 Methoxychlor

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 62579957
Conc: 55.58 ng/ml



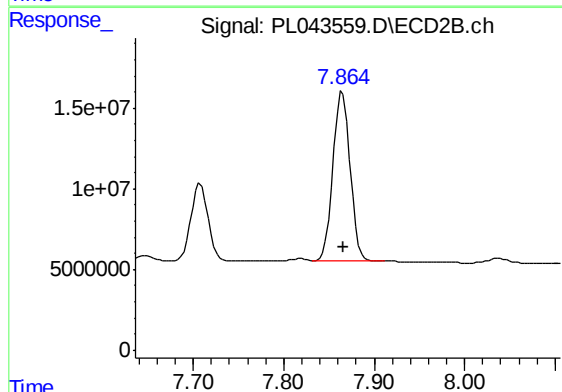
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 362696390
Conc: 55.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 02

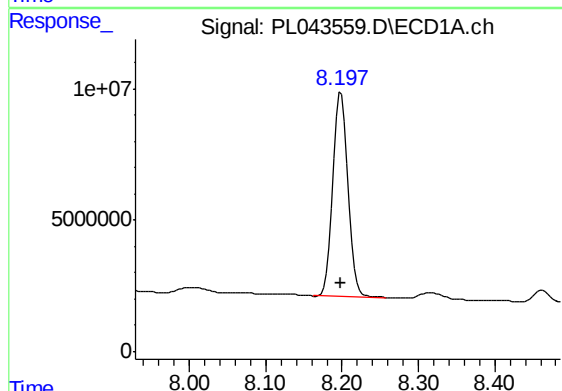
Manual Integrations
APPROVED

Sohil
1/4/2019 9:25:41 AM



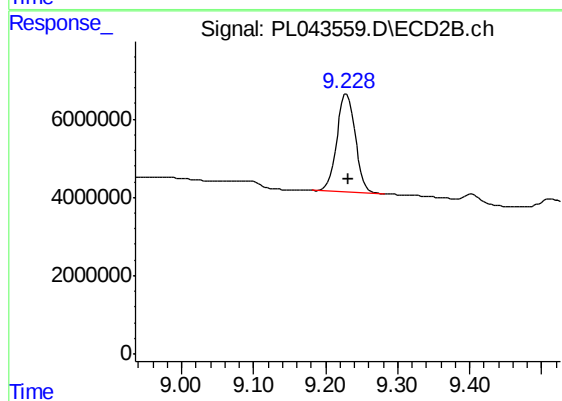
#21 Endrin ketone

R.T.: 7.865 min
Delta R.T.: -0.001 min
Response: 137185308
Conc: 55.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 106957274
Conc: 21.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.229 min
Delta R.T.: -0.002 min
Response: 44736306
Conc: 20.24 ng/ml