

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\
 Data File : PD048888.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2018 21:07
 Operator : AJ\SJ
 Sample : J4405-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EXCAVATION-SOILMSD

Manual Integrations
 APPROVED

Sohil
 8/14/2018 1:32:13 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 06:51:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 01 04:28:20 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.371	3.969	28463458	369.5E6	25.675	27.524
28) SA Decachlor...	8.067	8.994	32485351	360.4E6	23.199m	23.862
Target Compounds						
2) A alpha-BHC	3.801	4.349	106.4E6	1351.8E6	55.519m	59.474
3) MA gamma-BHC...	4.080	4.630	103.9E6	1212.3E6	57.254	58.623
4) MA Heptachlor	4.369	5.143	92697975	1184.8E6	54.794	62.911
5) MB Aldrin	4.610	5.447	92705412	1181.1E6	56.945	57.750
6) B beta-BHC	4.328	4.790	39880273	493.6E6	55.878	59.272
7) B delta-BHC	4.527	5.006	98790424	1179.1E6	55.695	62.932
8) B Heptachlo...	5.050	5.827	84231095	1061.2E6	54.944	61.102
9) A Endosulfan I	5.382	6.181	76927462	960.5E6	53.977	57.120
10) B gamma-Chl...	5.272	6.060	84776866	1090.1E6	54.670	58.619
11) B alpha-Chl...	5.330	6.134	82071651	1038.1E6	54.229	57.693
12) B 4,4'-DDE	5.497	6.287	83887123	924.1E6	53.769	58.251
13) MA Dieldrin	5.623	6.435	89133313	1071.1E6	54.316	57.133
14) MA Endrin	5.877	6.650	80970172	899.9E6	50.709m	55.482
15) B Endosulfa...	6.151	6.852	77852790	851.2E6	54.018	53.467
16) A 4,4'-DDD	6.008	6.769	75337630	745.1E6	53.728m	58.747
17) MA 4,4'-DDT	6.245	7.068	68553250	675.2E6	48.363m	52.517
18) B Endrin al...	6.320	6.975	67127221	722.4E6	56.058	54.333
19) B Endosulfa...	6.530	7.197	69794459	804.0E6	52.734m	51.304
20) A Methoxychlor	6.795	7.522	37832200	318.1E6	48.569m	52.723
21) B Endrin ke...	7.019	7.662	92109136	774.8E6	54.108	51.176

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\
Data File : PD048888.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2018 21:07
Operator : AJ\SJ
Sample : J4405-04MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

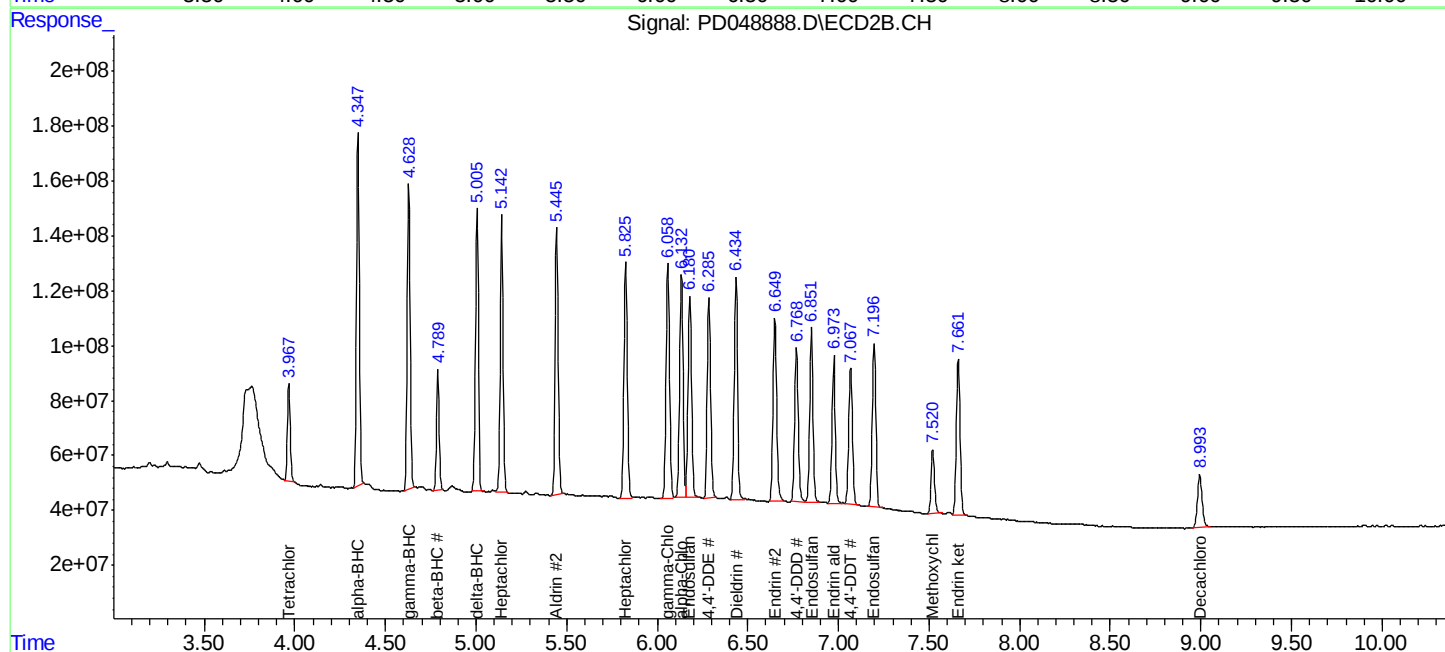
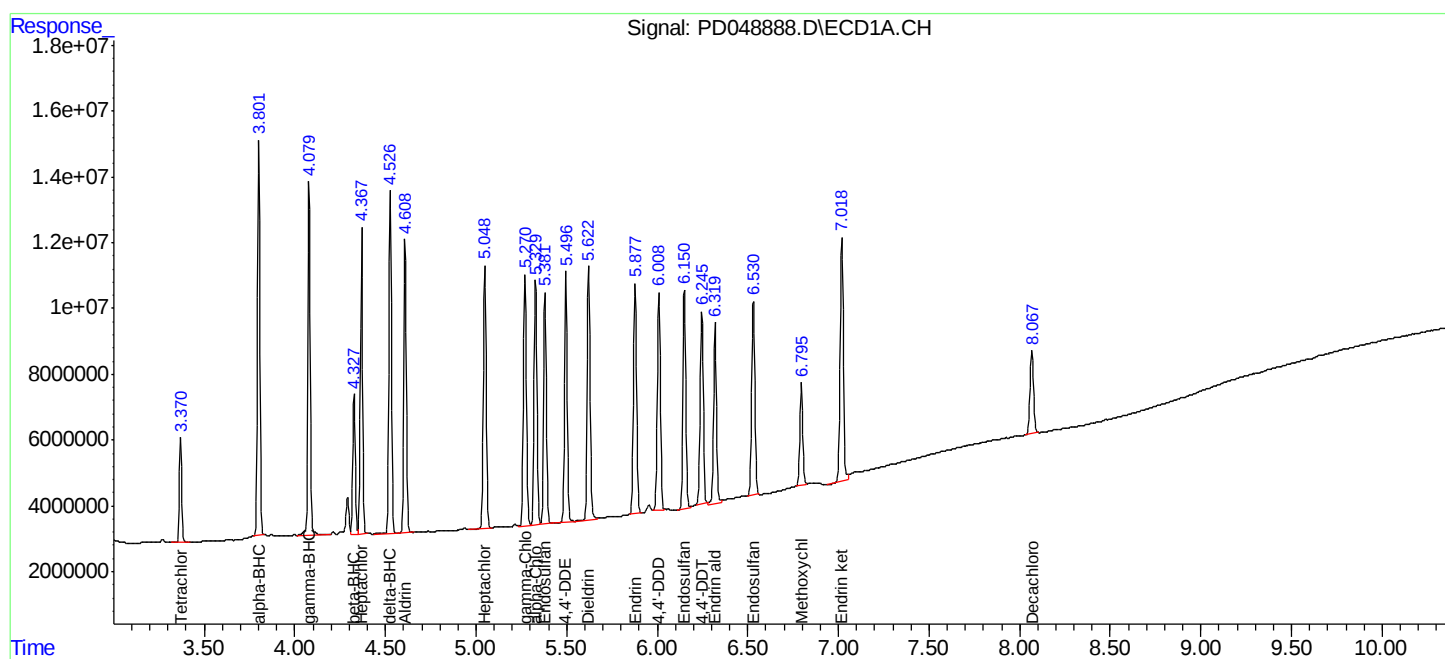
Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

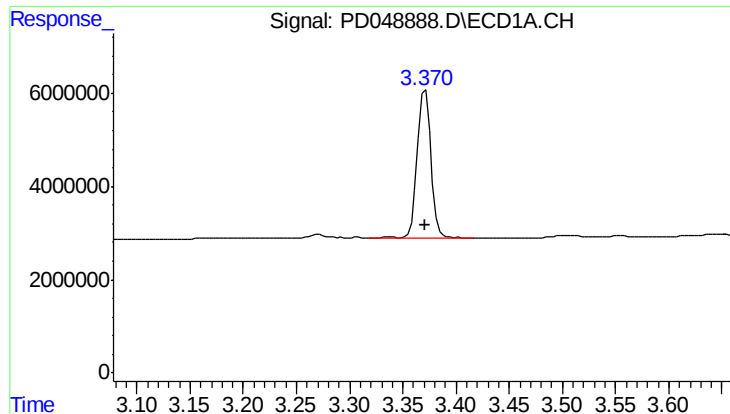
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 06:51:41 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
Quant Title : GC Extractables
QLast Update : Wed Aug 01 04:28:20 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 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 x 0.50µm





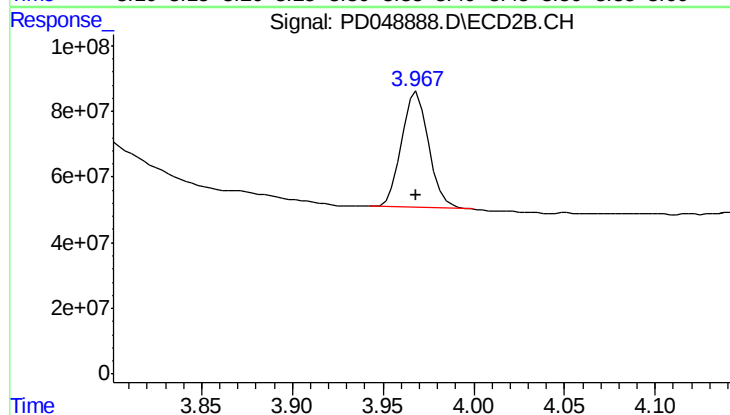
#1 Tetrachloro-m-xylene

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 28463458
Conc: 25.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

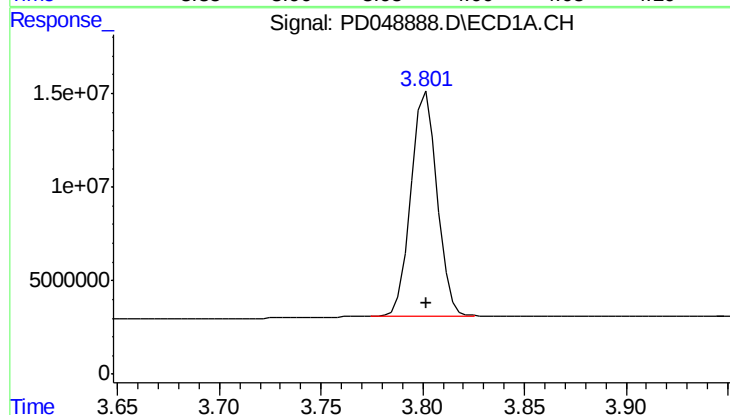
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



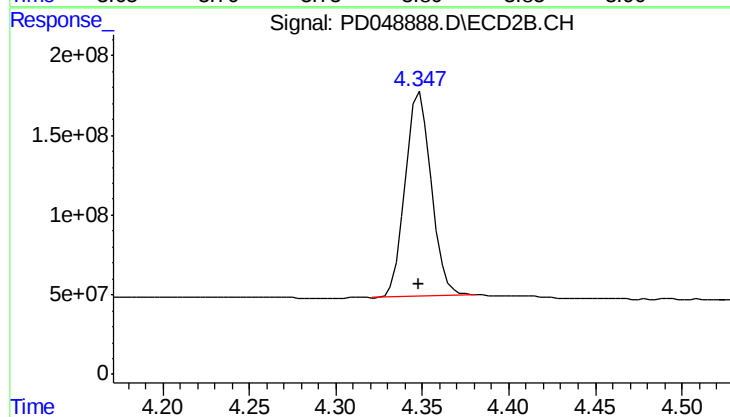
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 369476938
Conc: 27.52 ng/ml



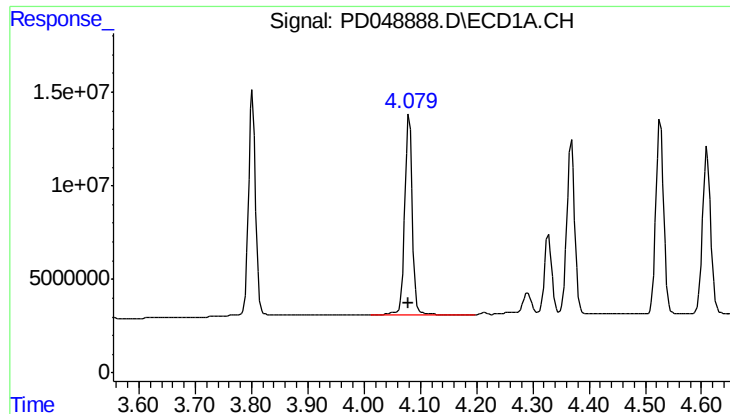
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: -0.001 min
Response: 106371247
Conc: 55.52 ng/ml m



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1351813015
Conc: 59.47 ng/ml



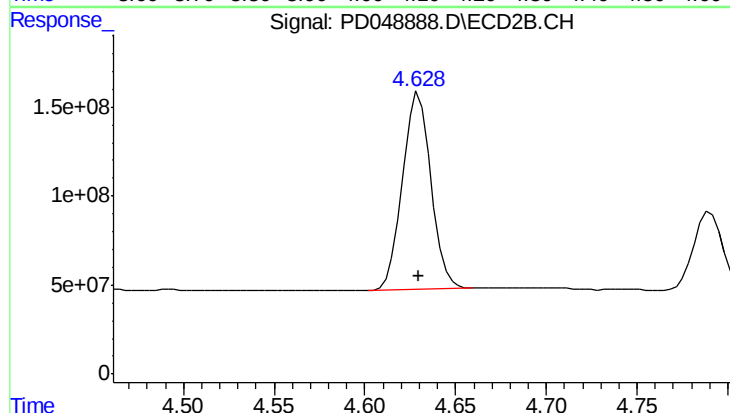
#3 gamma-BHC (Lindane)

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 103856412
Conc: 57.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

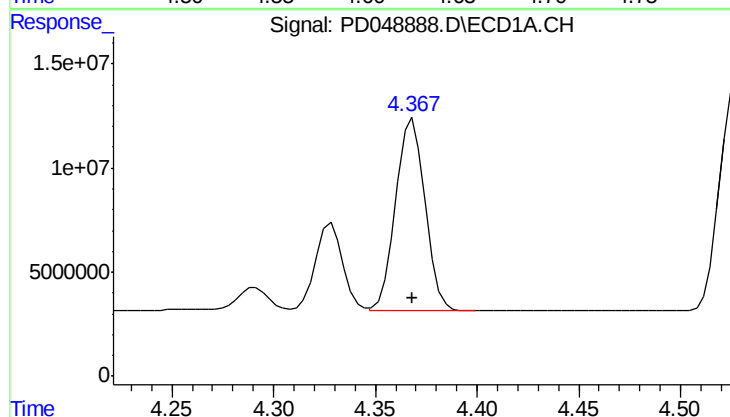
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



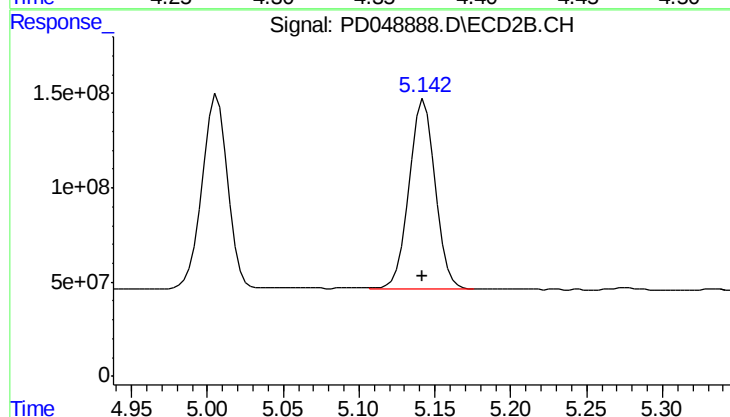
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 1212311205
Conc: 58.62 ng/ml



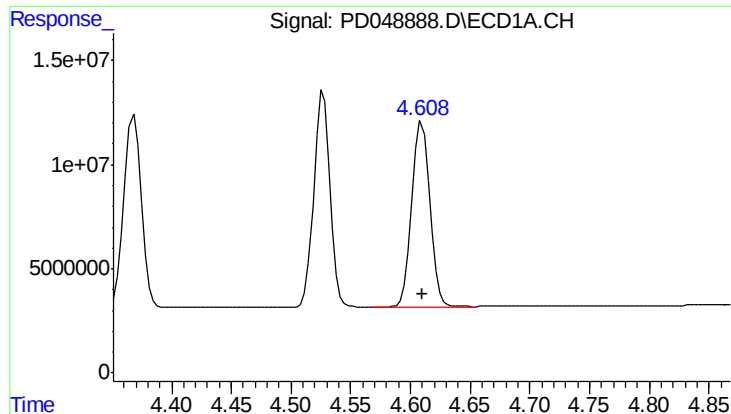
#4 Heptachlor

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 92697975
Conc: 54.79 ng/ml



#4 Heptachlor

R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 1184807578
Conc: 62.91 ng/ml



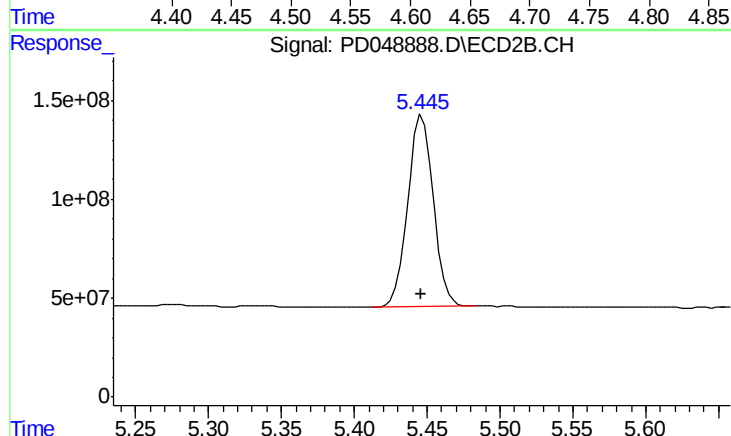
#5 Aldrin

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 92705412
Conc: 56.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

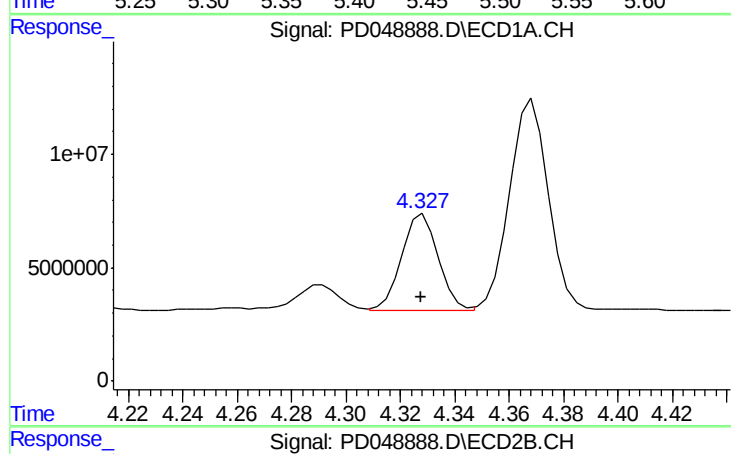
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



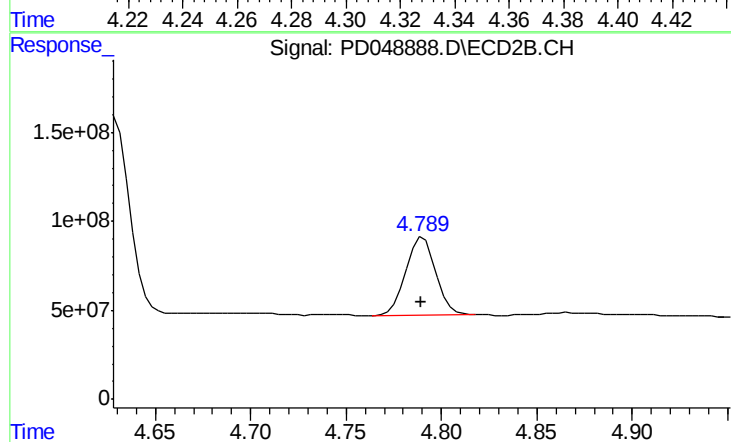
#5 Aldrin

R.T.: 5.447 min
Delta R.T.: 0.000 min
Response: 1181122861
Conc: 57.75 ng/ml



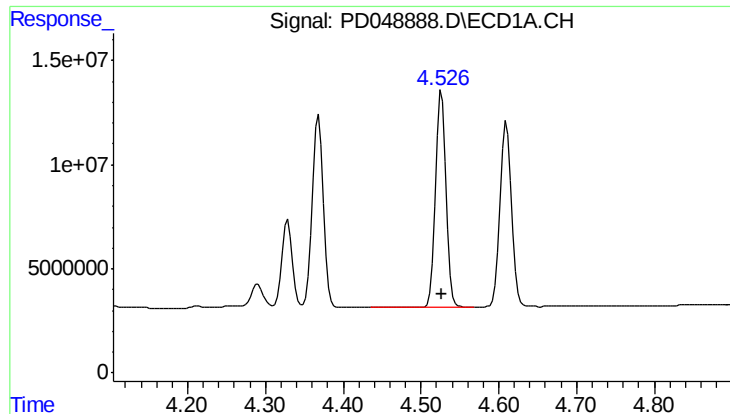
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 39880273
Conc: 55.88 ng/ml



#6 beta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 493602115
Conc: 59.27 ng/ml



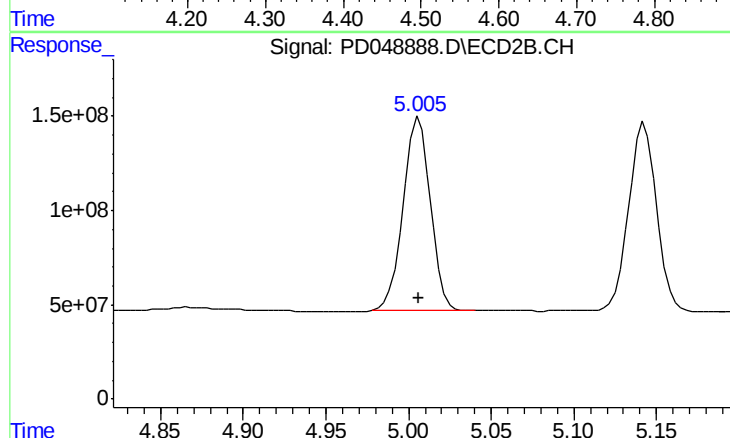
#7 delta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 98790424
Conc: 55.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

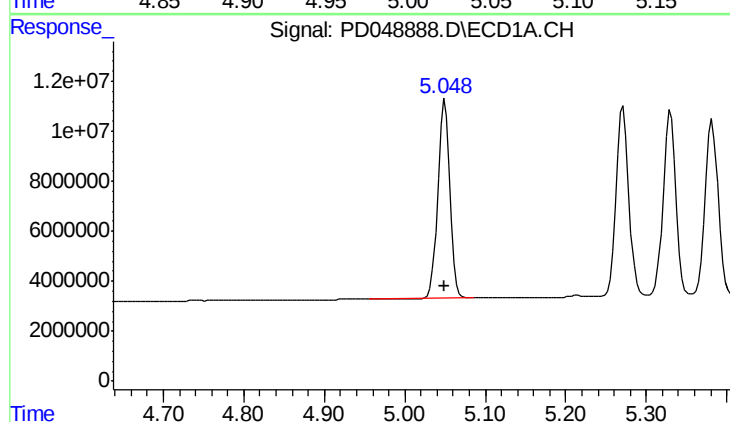
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



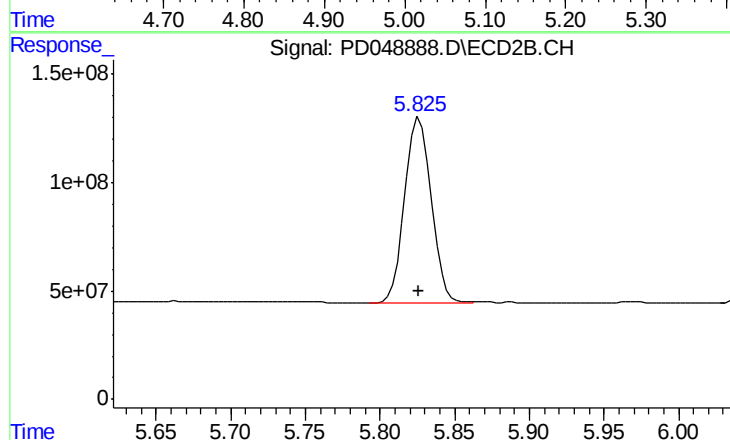
#7 delta-BHC

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 1179104352
Conc: 62.93 ng/ml



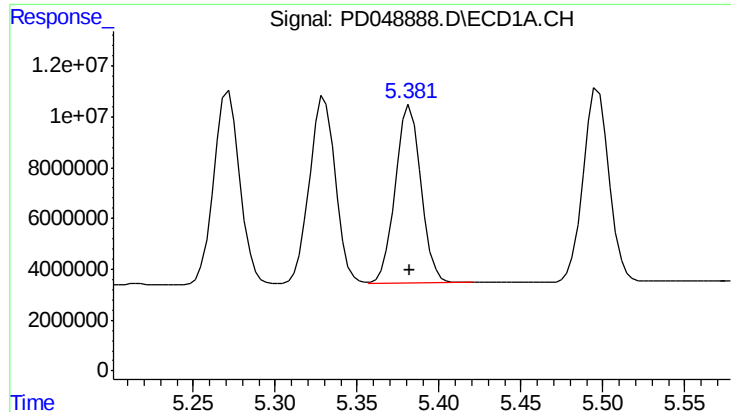
#8 Heptachlor epoxide

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 84231095
Conc: 54.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 1061235379
Conc: 61.10 ng/ml



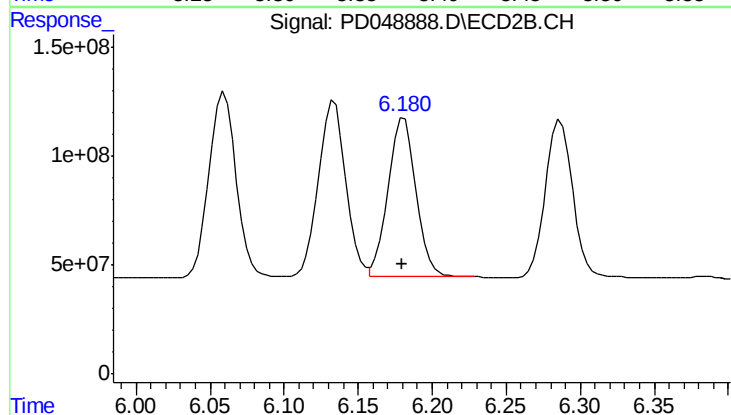
#9 Endosulfan I

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 76927462
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

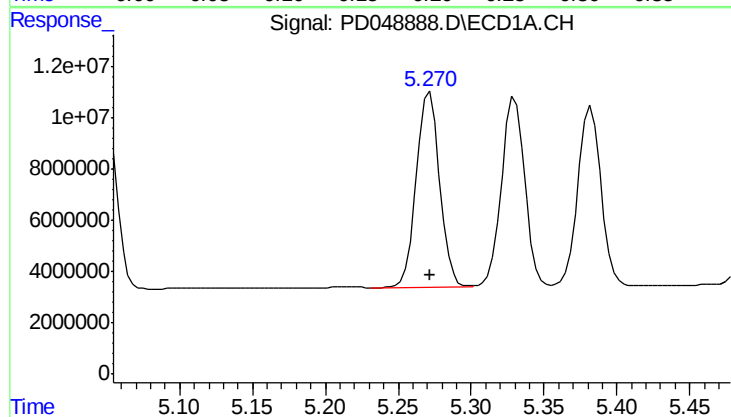
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



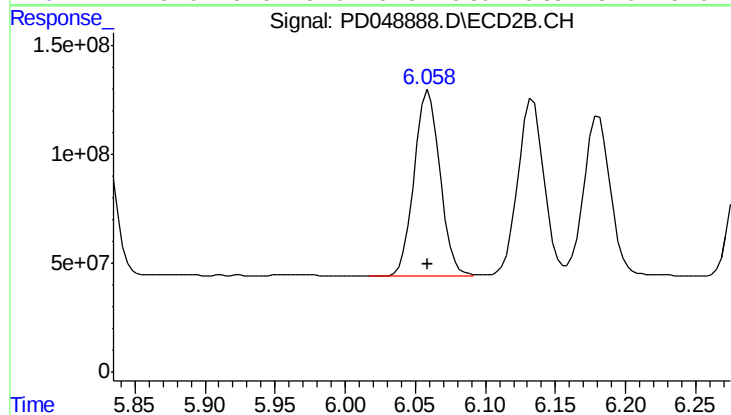
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 960521292
Conc: 57.12 ng/ml



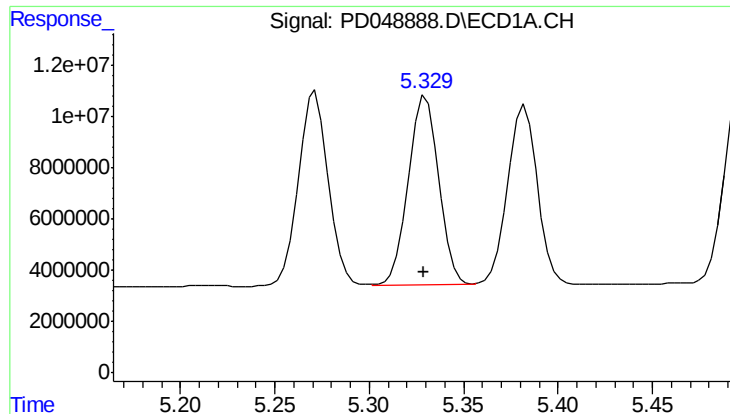
#10 gamma-Chlordane

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 84776866
Conc: 54.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 1090107267
Conc: 58.62 ng/ml



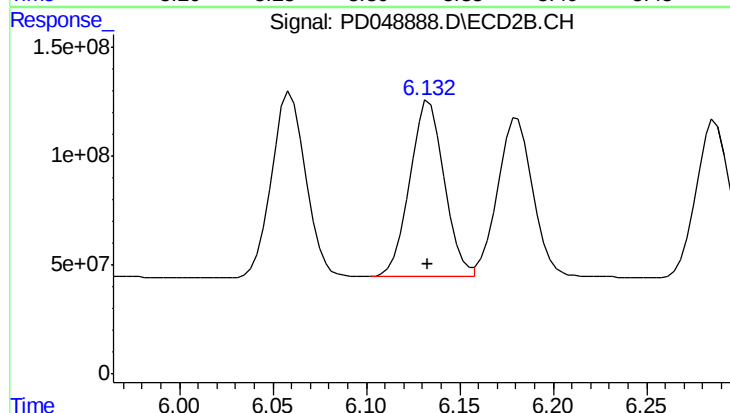
#11 alpha-Chlordane

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 82071651
Conc: 54.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

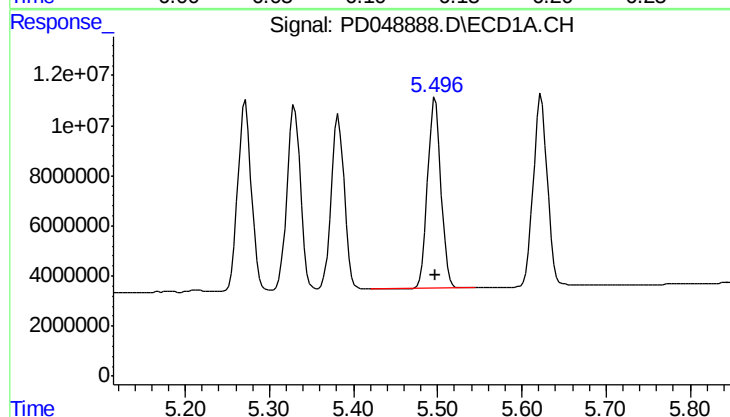
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



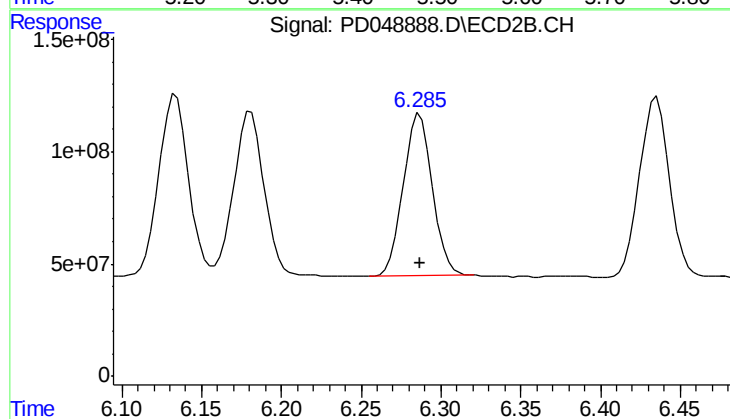
#11 alpha-Chlordane

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 1038078453
Conc: 57.69 ng/ml



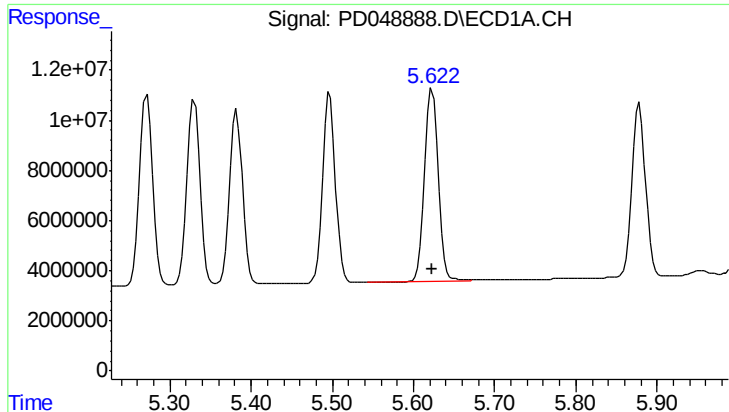
#12 4,4'-DDE

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 83887123
Conc: 53.77 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 924137202
Conc: 58.25 ng/ml



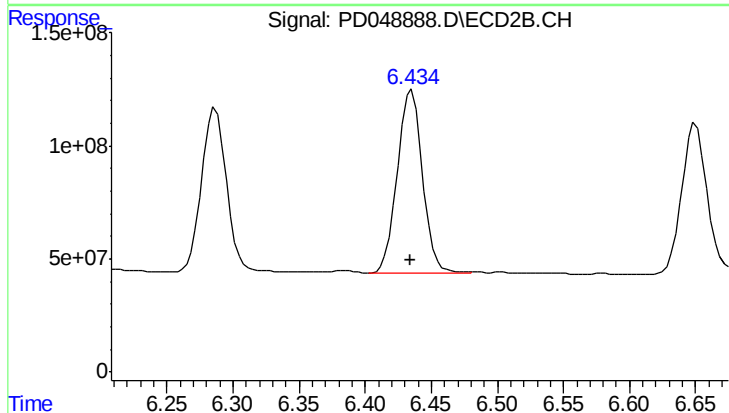
#13 Dielddrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 89133313
Conc: 54.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

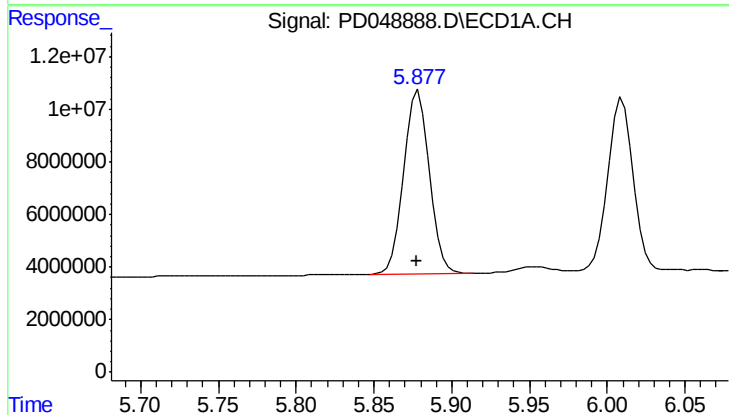
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



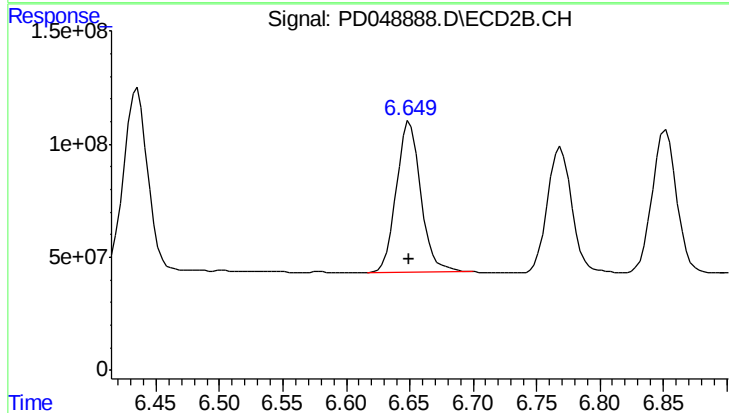
#13 Dielddrin

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 1071123331
Conc: 57.13 ng/ml



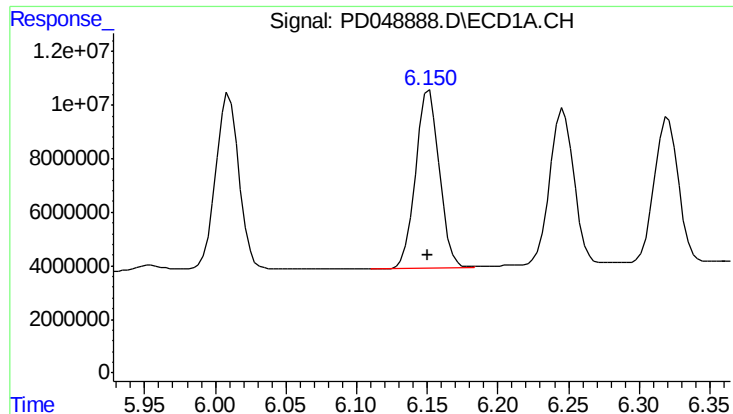
#14 Endrin

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 80970172
Conc: 50.71 ng/ml m



#14 Endrin

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 899892616
Conc: 55.48 ng/ml



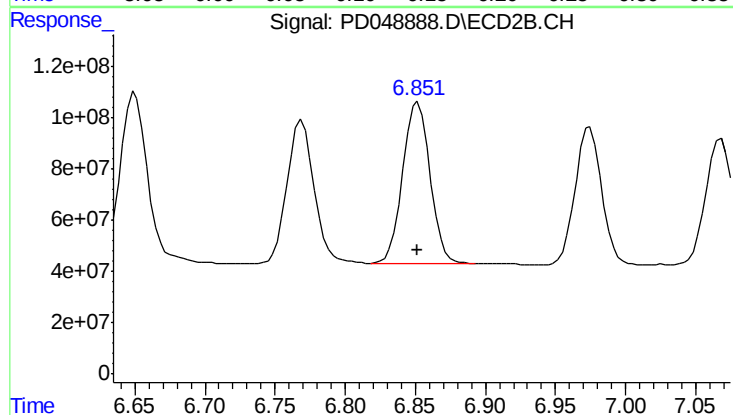
#15 Endosulfan II

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 77852790
Conc: 54.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

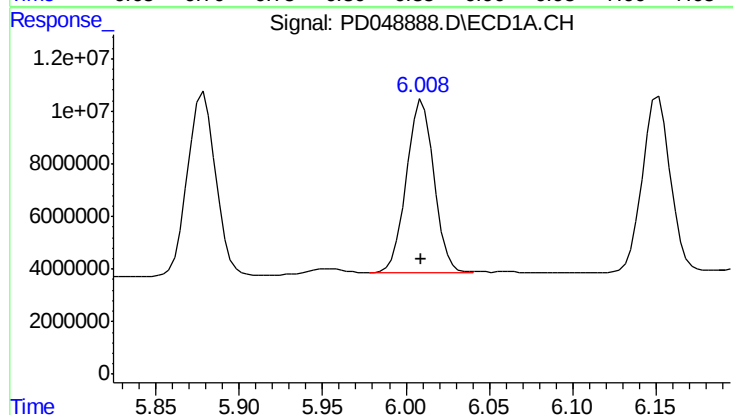
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



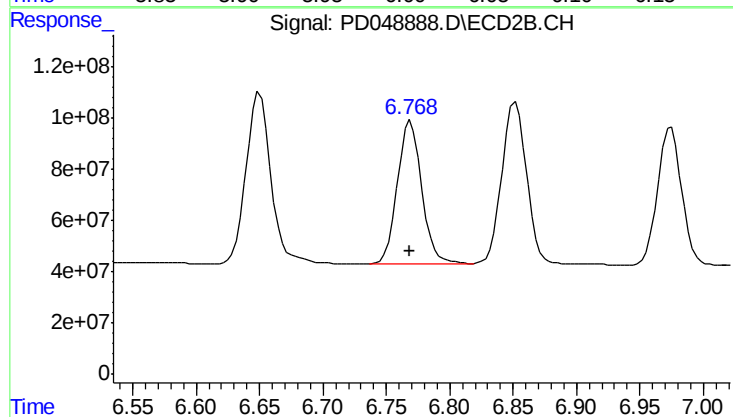
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 851198033
Conc: 53.47 ng/ml



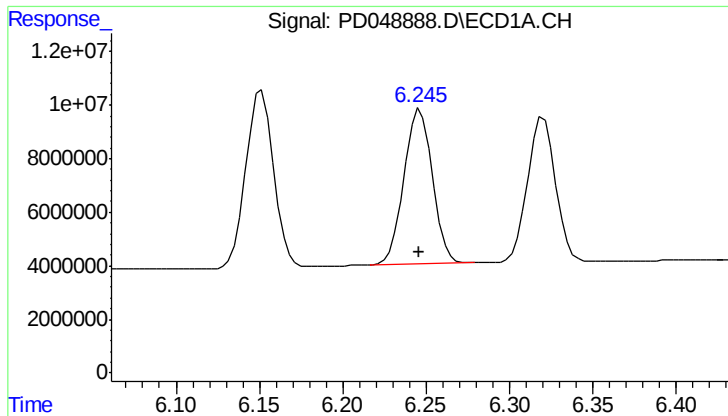
#16 4,4'-DDD

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 75337630
Conc: 53.73 ng/ml m



#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 745117763
Conc: 58.75 ng/ml



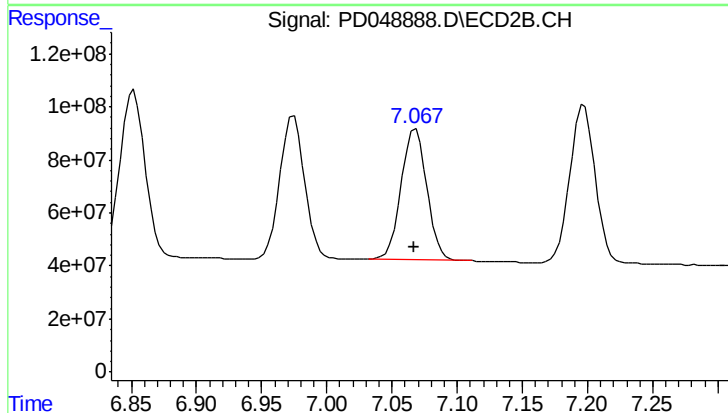
#17 4,4'-DDT

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 68553250
Conc: 48.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

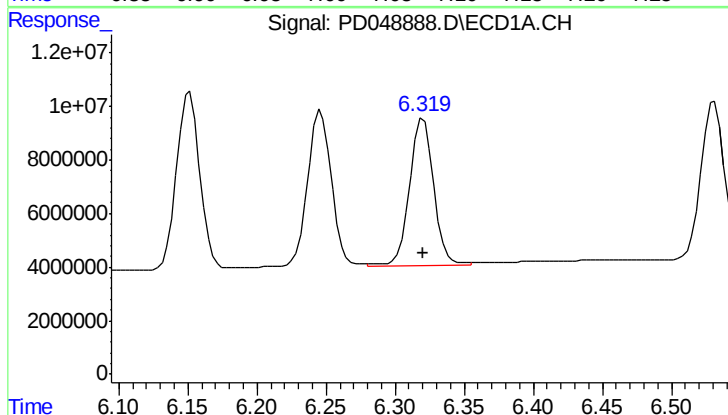
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



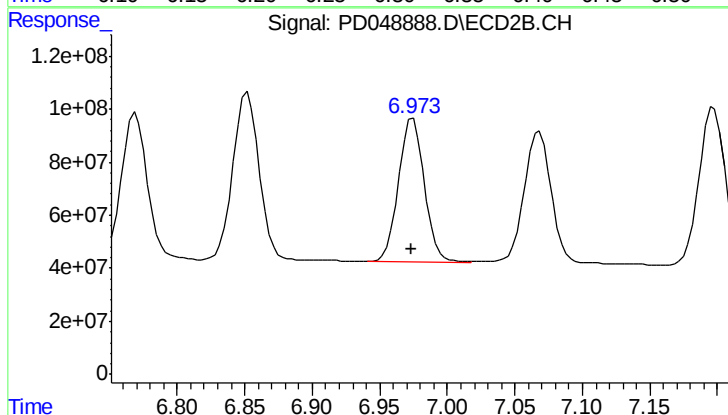
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 675171975
Conc: 52.52 ng/ml



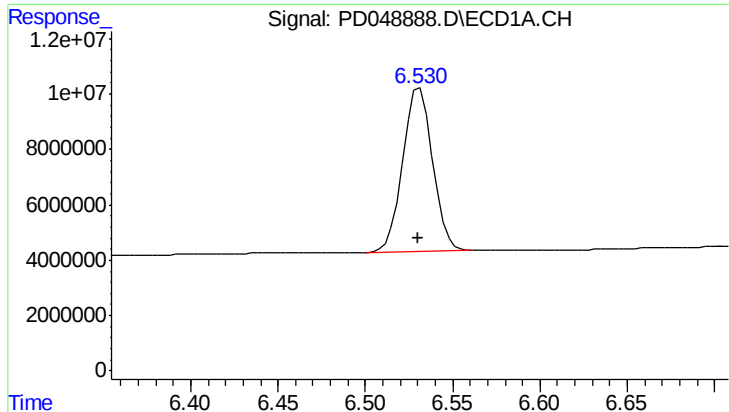
#18 Endrin aldehyde

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 67127221
Conc: 56.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 722370495
Conc: 54.33 ng/ml



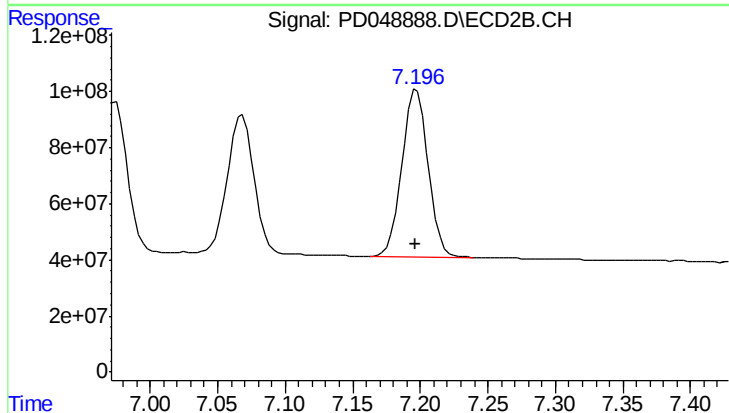
#19 Endosulfan Sulfate

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 69794459
Conc: 52.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

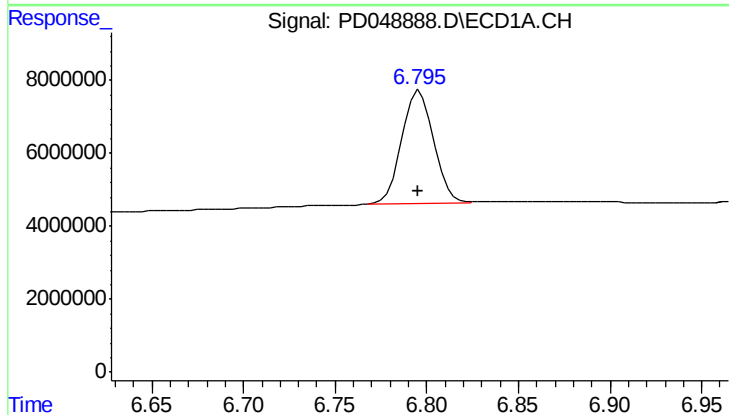
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



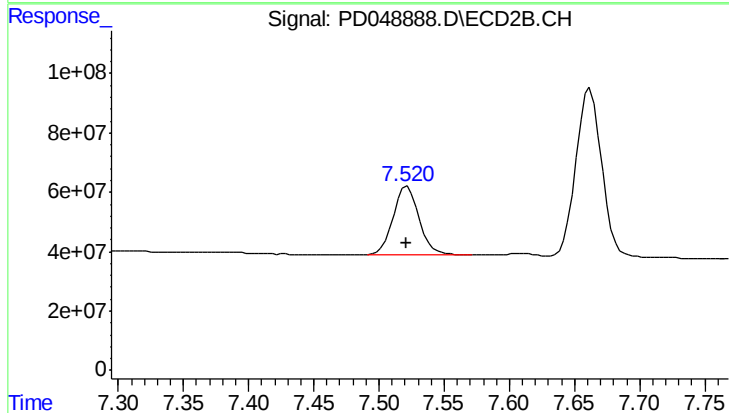
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 804018086
Conc: 51.30 ng/ml



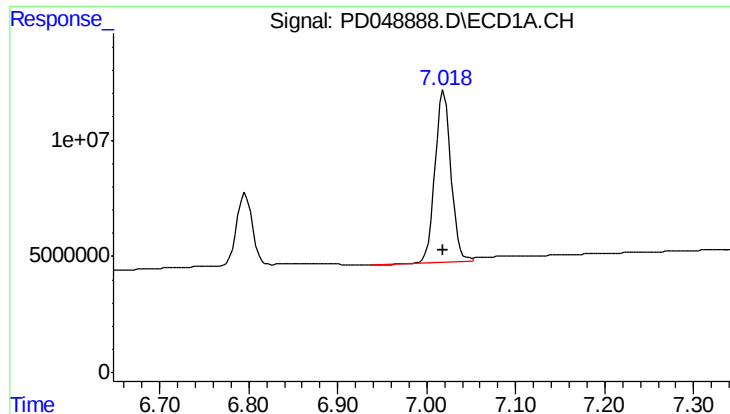
#20 Methoxychlor

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 37832200
Conc: 48.57 ng/ml m



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.001 min
Response: 318087852
Conc: 52.72 ng/ml



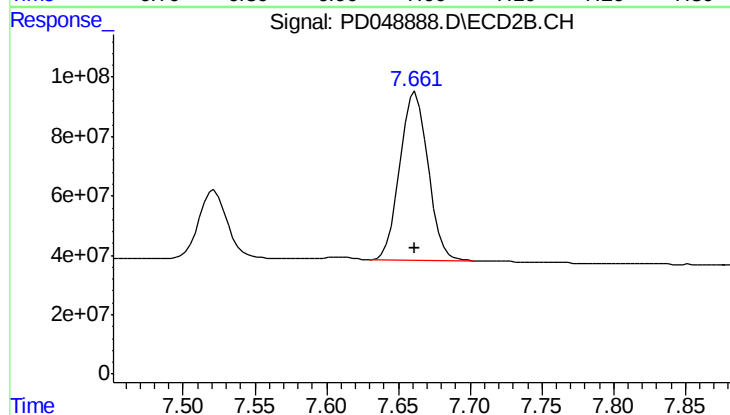
#21 Endrin ketone

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 92109136
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMSD

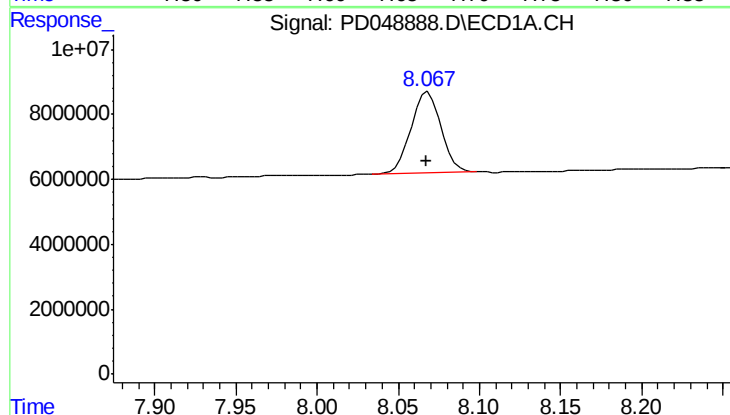
Manual Integrations
APPROVED

Sohil
8/14/2018 1:32:13 PM



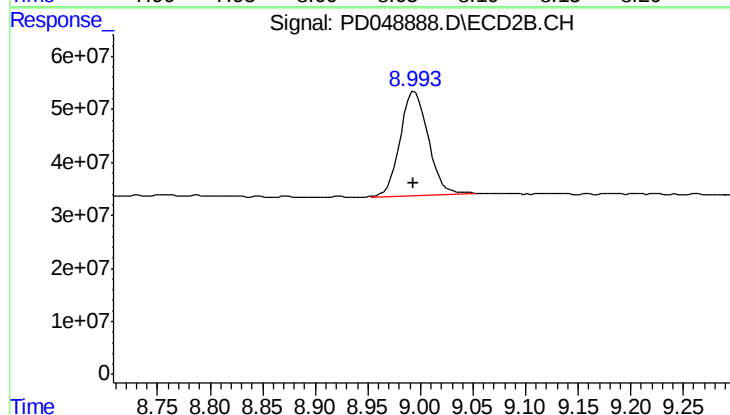
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 774764085
Conc: 51.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 32485351
Conc: 23.20 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 360383243
Conc: 23.86 ng/ml