

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
 Data File : PL050496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 22:58
 Operator : SM\AJ
 Sample : K3591-02
 Misc : LOQ 5 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

Manual Integrations
 APPROVED

Ankita
 7/18/2019 2:56:27 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:37:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 18 04:12:31 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	212.3E6	59777347	21.130	20.951
28)	SA Decachlor...	7.980	8.962	250.7E6	65484091	24.758	23.156
Target Compounds							
2)	A alpha-BHC	3.746	4.319	79472360	17748691	4.742	4.302
3)	MA gamma-BHC...	4.021	4.602	72033704	17688509	4.683	4.567
4)	MA Heptachlor	4.305	5.104	81540328	21249082	4.970	5.124
5)	MB Aldrin	4.543	5.406	76941616	18169927	4.967	4.822
6)	B beta-BHC	4.276	4.779	33183082	7363470	5.062	4.259
7)	B delta-BHC	4.469	4.989	70316649	21174313	4.285	5.475m#
8)	B Heptachlor...	4.980	5.793	75361290	24800412	5.101	6.484 #
9)	A Endosulfan I	5.309	6.147	77228190	17331621	5.310	5.040
10)	B gamma-Chl...	5.200	6.027	81368617	18271670	5.155m	4.945
11)	B alpha-Chl...	5.257	6.098	83581811	18656271	5.479	5.090
12)	B 4,4'-DDE	5.425	6.259	78428801	18409059	5.234	5.109
13)	MA Dieldrin	5.548	6.404	77361926	17360928	4.992	4.903
14)	MA Endrin	5.799	6.621	72122727	14873356	4.899m	4.796
15)	B Endosulfa...	6.076	6.833	71611716	16785676	5.117	5.280
16)	A 4,4'-DDD	5.936	6.749	61137517	13680109	5.102	5.137
17)	MA 4,4'-DDT	6.169	7.046	56955004	12791190	4.598	4.738
18)	B Endrin al...	6.243	6.957	59032042	13911759	5.117	5.119
19)	B Endosulfa...	6.454	7.180	66330685	16184527	5.207	5.604
20)	A Methoxychlor	6.714	7.507	31917774	8387213	5.116	5.716
21)	B Endrin ke...	6.936	7.648	69365048	14806535	5.071	5.121
22)	Mirex	7.109	8.097	53019946	13225102	5.408	5.758

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071719\
Data File : PL050496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2019 22:58
Operator : SM\AJ
Sample : K3591-02
Misc : LOQ 5 PPB
ALS Vial : 26 Sample Multiplier: 1

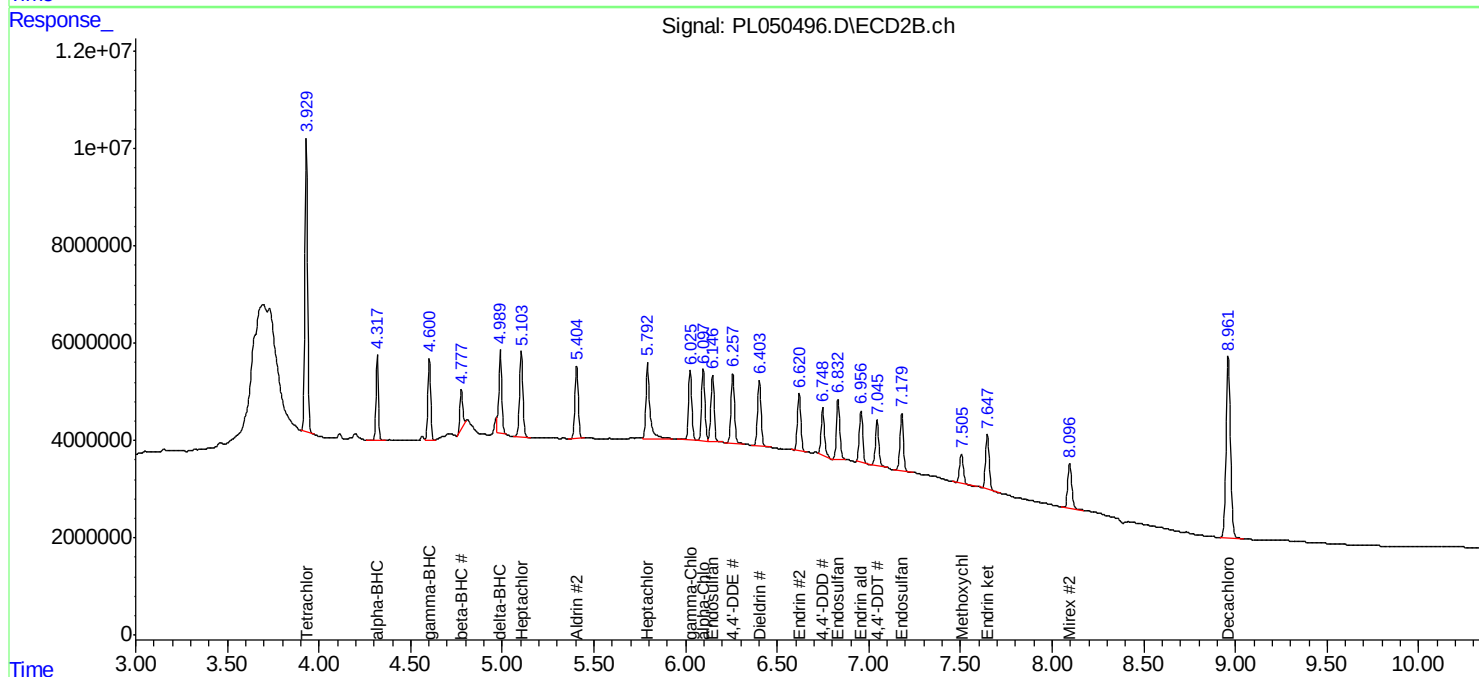
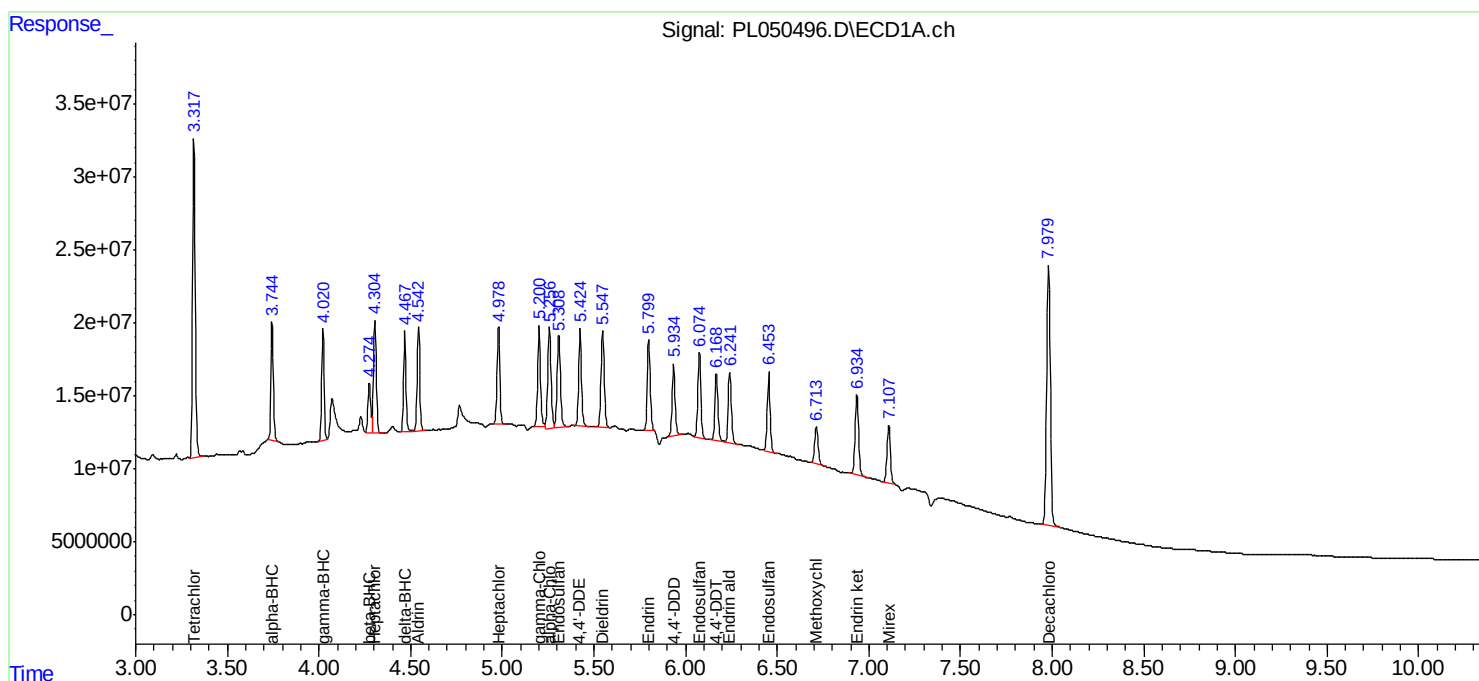
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

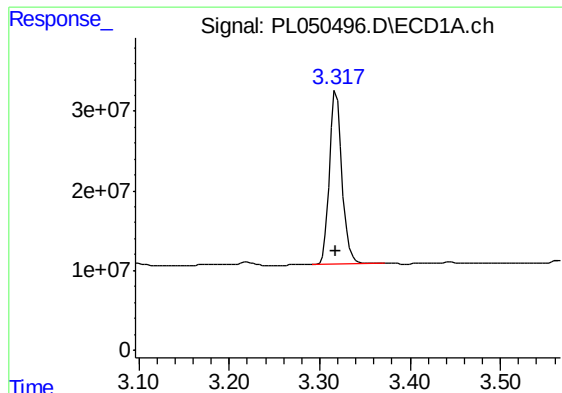
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 06:37:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Thu Jul 18 04:12:31 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





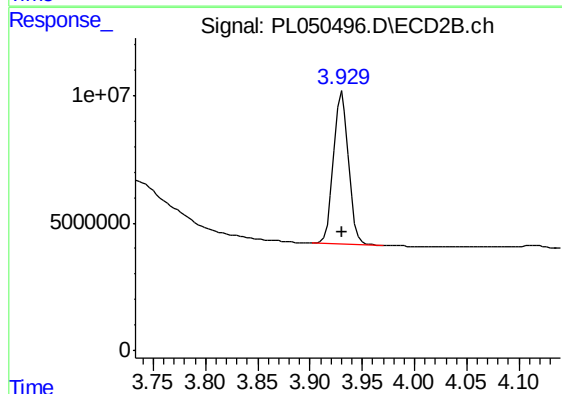
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 212309714
Conc: 21.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

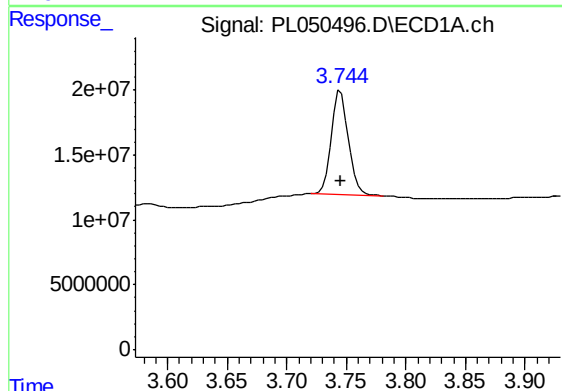
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



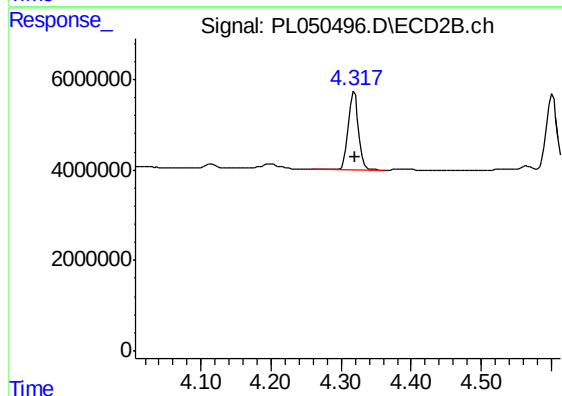
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 59777347
Conc: 20.95 ng/ml



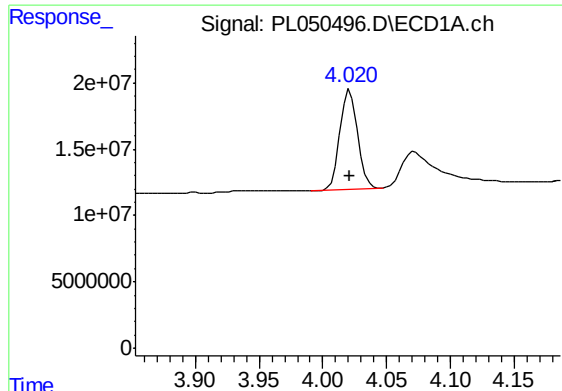
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 79472360
Conc: 4.74 ng/ml



#2 alpha-BHC

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 17748691
Conc: 4.30 ng/ml



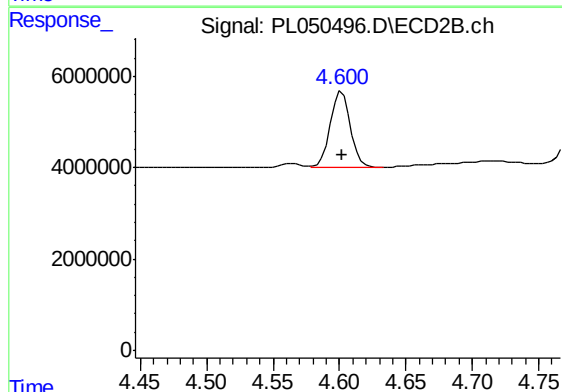
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 72033704
Conc: 4.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

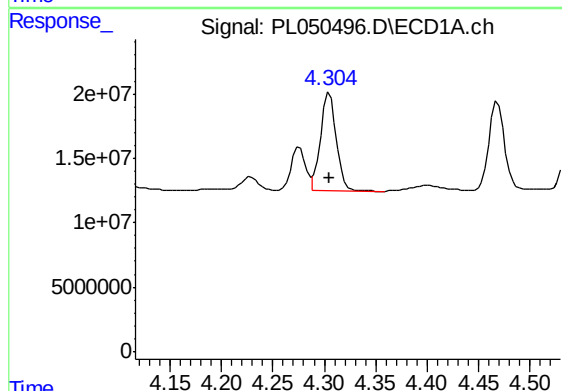
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



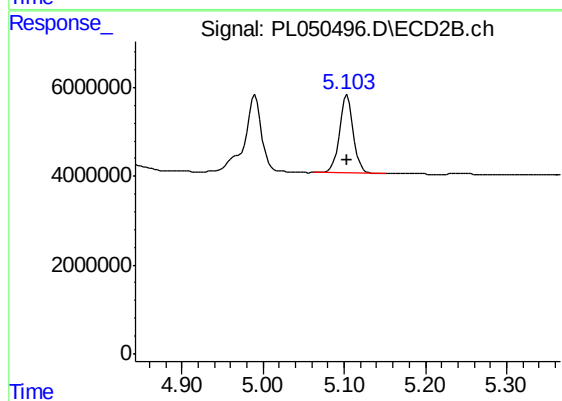
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 17688509
Conc: 4.57 ng/ml



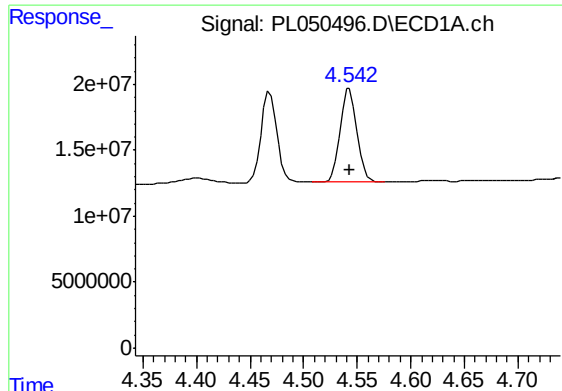
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 81540328
Conc: 4.97 ng/ml



#4 Heptachlor

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 21249082
Conc: 5.12 ng/ml



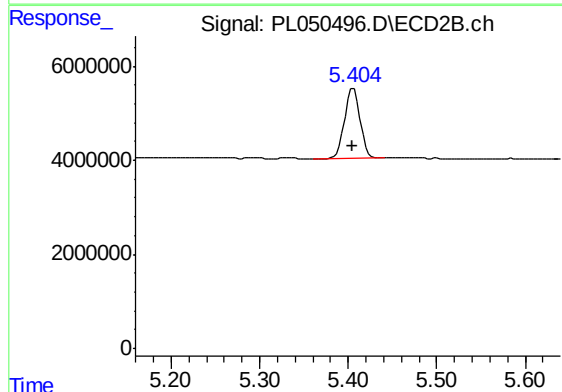
#5 Aldrin

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 76941616
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

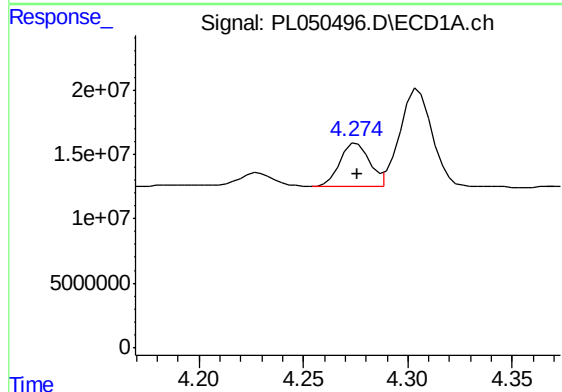
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



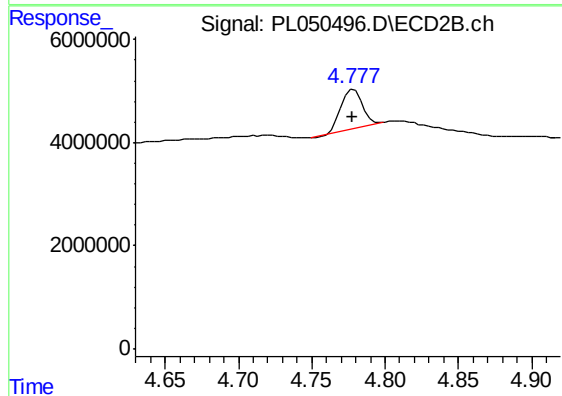
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 18169927
Conc: 4.82 ng/ml



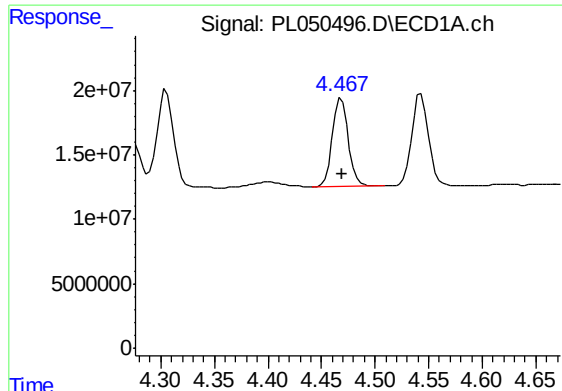
#6 beta-BHC

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 33183082
Conc: 5.06 ng/ml



#6 beta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 7363470
Conc: 4.26 ng/ml



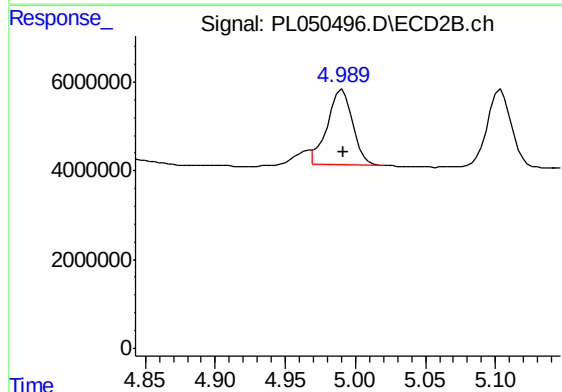
#7 delta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 70316649
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

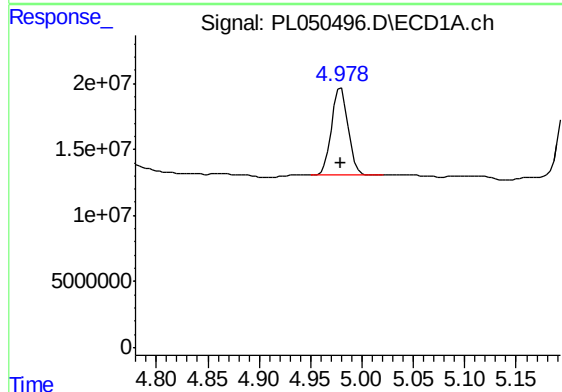
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



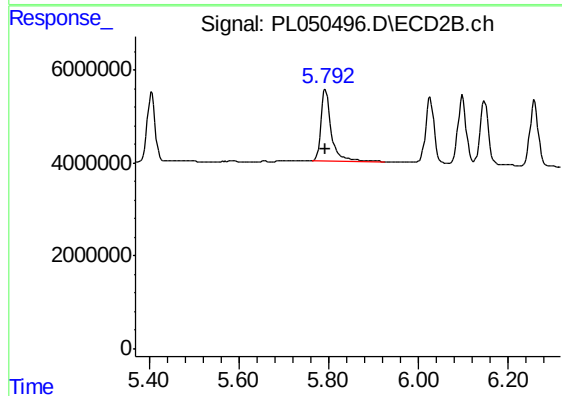
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 21174313
Conc: 5.47 ng/ml m



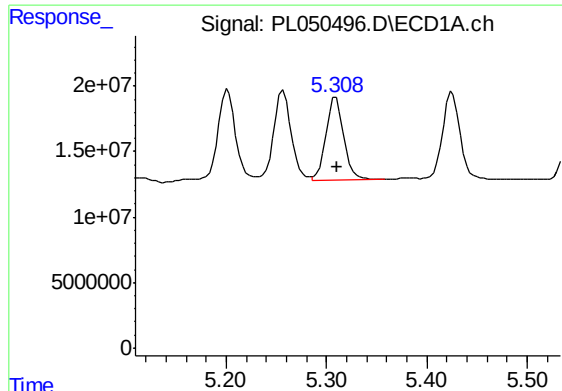
#8 Heptachlor epoxide

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 75361290
Conc: 5.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 24800412
Conc: 6.48 ng/ml



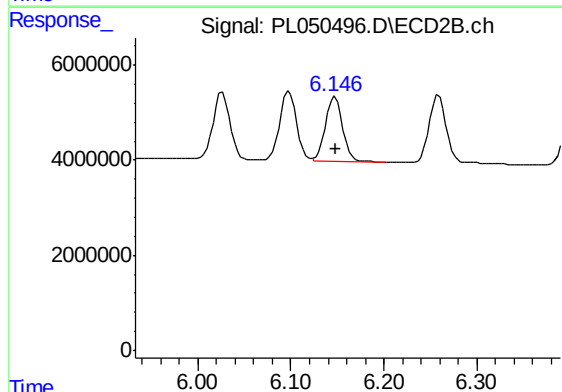
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 77228190
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

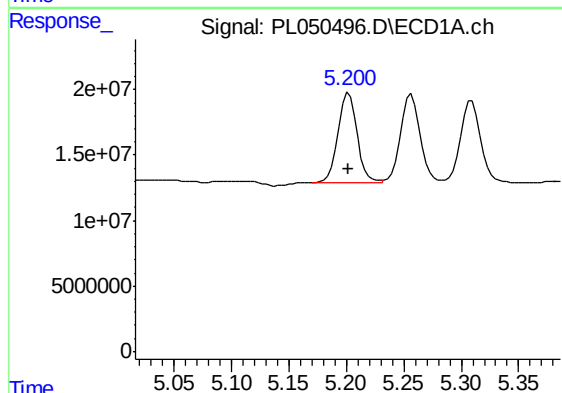
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



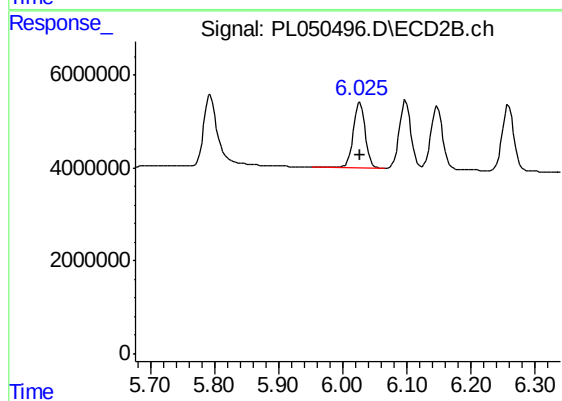
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 17331621
Conc: 5.04 ng/ml



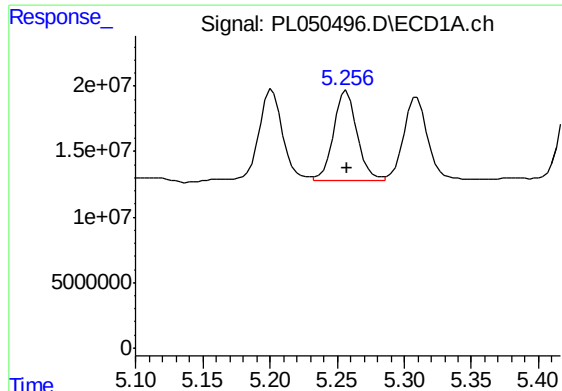
#10 gamma-Chlordane

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 81368617
Conc: 5.16 ng/ml m



#10 gamma-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 18271670
Conc: 4.94 ng/ml



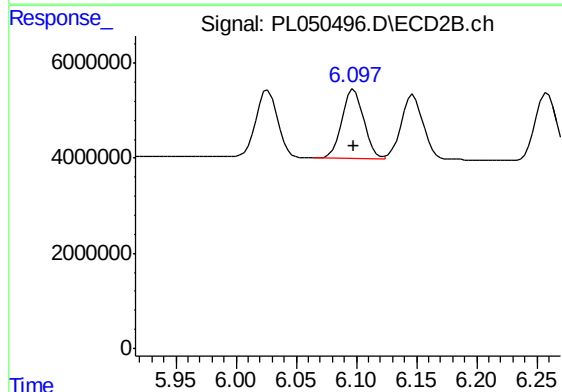
#11 alpha-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 83581811
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

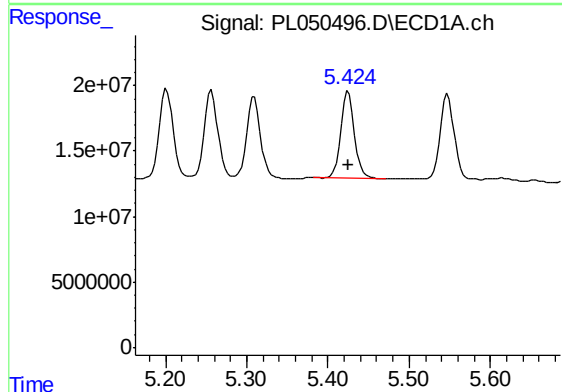
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



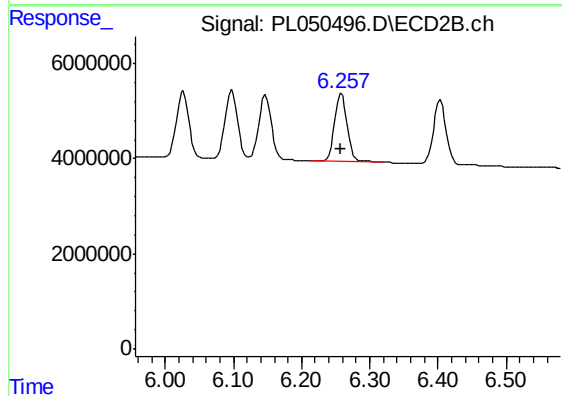
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 18656271
Conc: 5.09 ng/ml



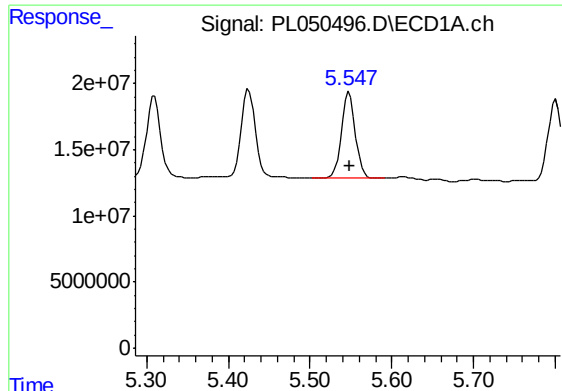
#12 4,4'-DDE

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 78428801
Conc: 5.23 ng/ml



#12 4,4'-DDE

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 18409059
Conc: 5.11 ng/ml



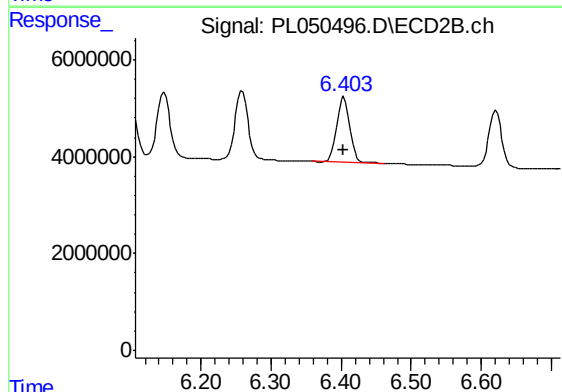
#13 Dielldrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 77361926
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

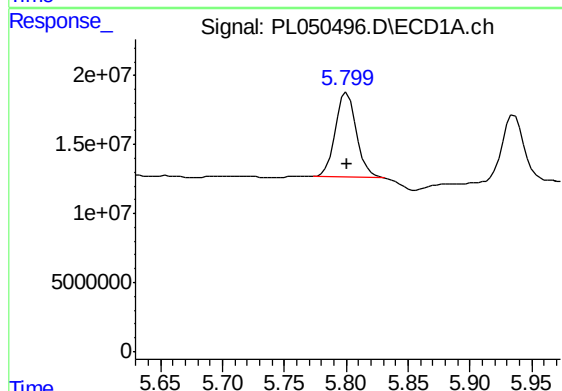
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



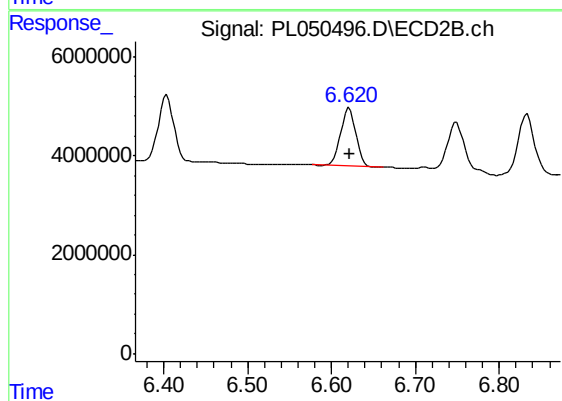
#13 Dielldrin

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 17360928
Conc: 4.90 ng/ml



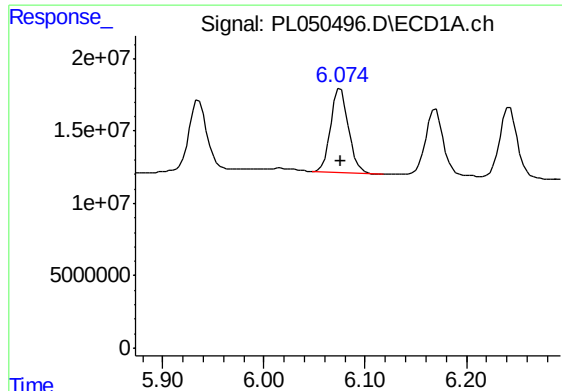
#14 Endrin

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 72122727
Conc: 4.90 ng/ml m



#14 Endrin

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 14873356
Conc: 4.80 ng/ml



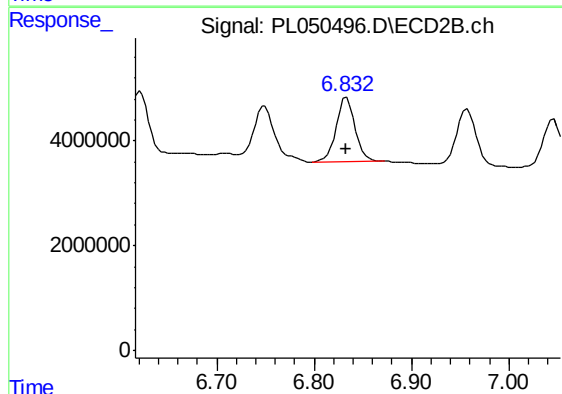
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 71611716
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

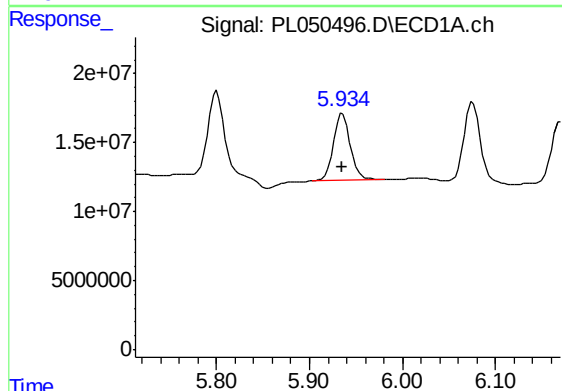
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



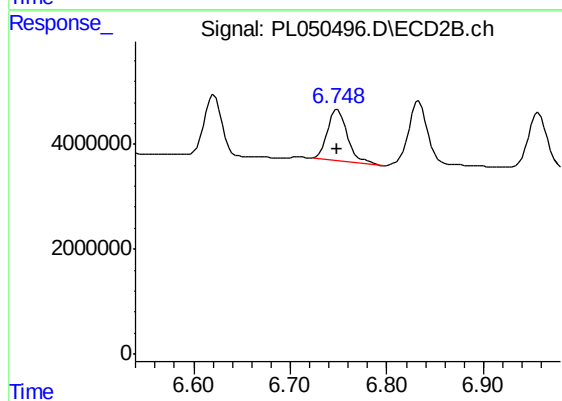
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 16785676
Conc: 5.28 ng/ml



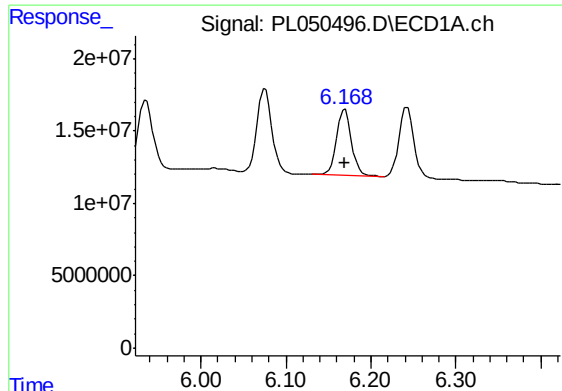
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 61137517
Conc: 5.10 ng/ml



#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 13680109
Conc: 5.14 ng/ml



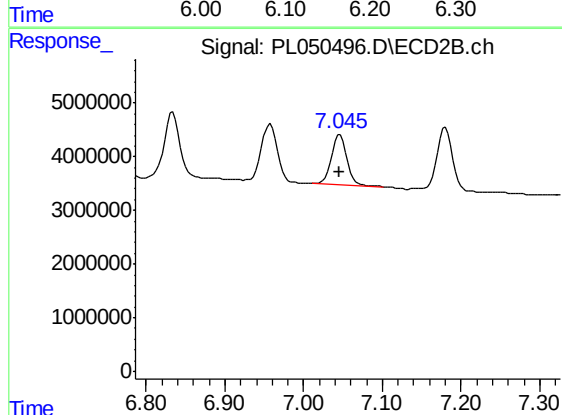
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 56955004
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

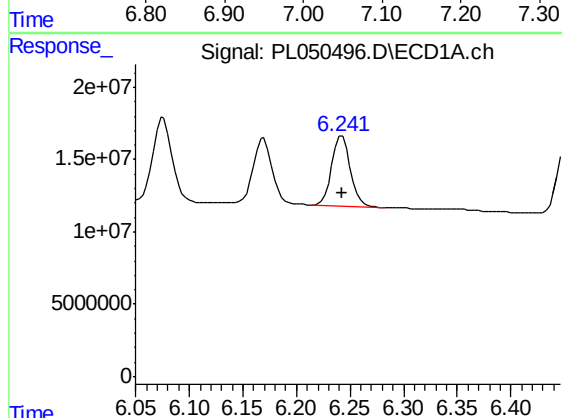
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



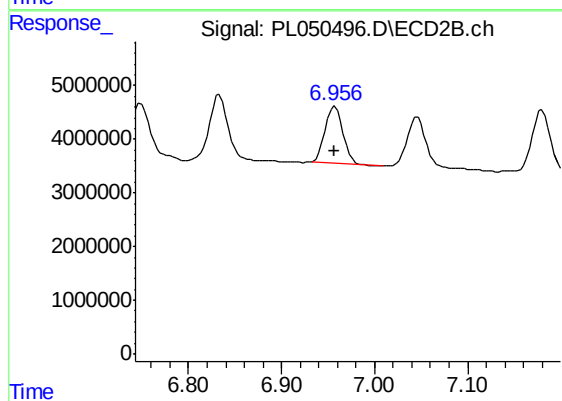
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 12791190
Conc: 4.74 ng/ml



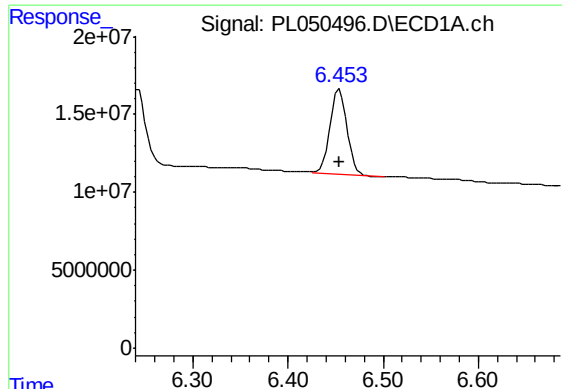
#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 59032042
Conc: 5.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 13911759
Conc: 5.12 ng/ml



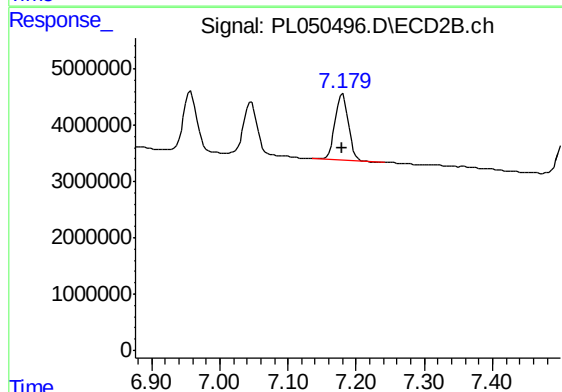
#19 Endosulfan Sulfate

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 66330685
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

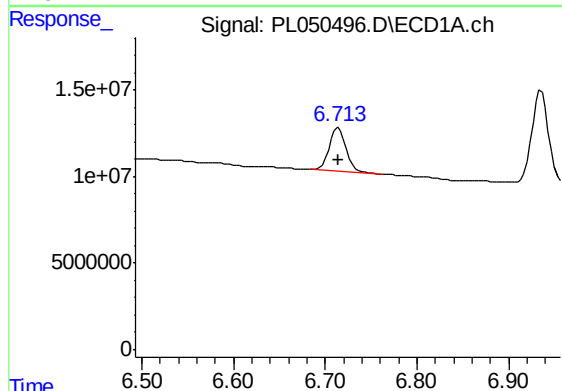
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



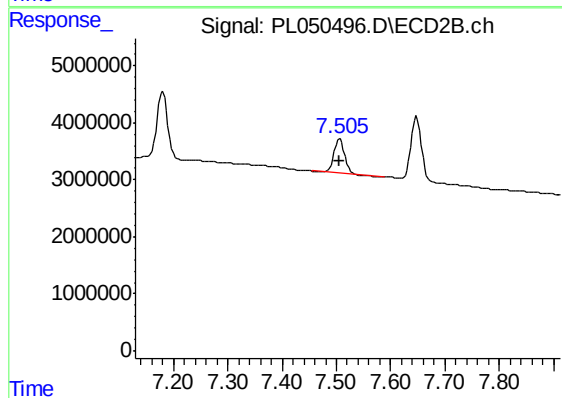
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 16184527
Conc: 5.60 ng/ml



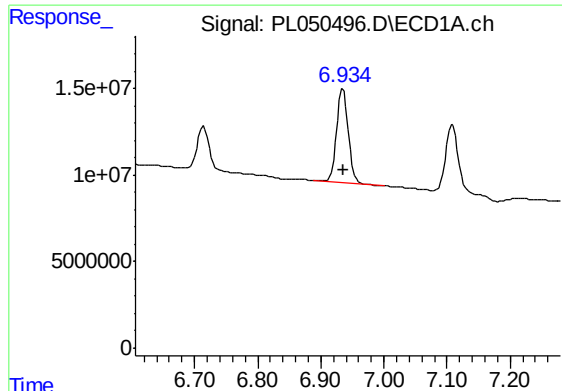
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 31917774
Conc: 5.12 ng/ml



#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 8387213
Conc: 5.72 ng/ml



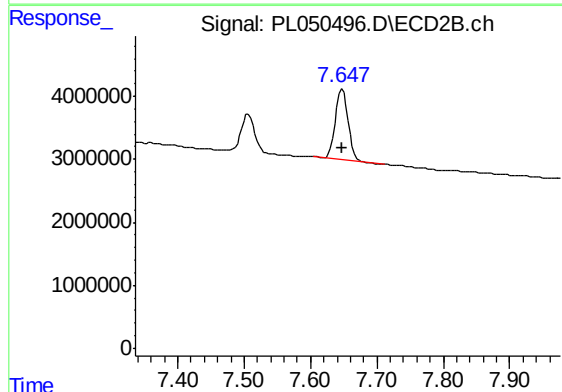
#21 Endrin ketone

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 69365048
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

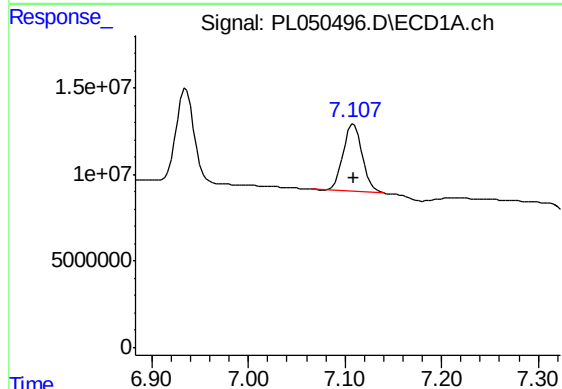
Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



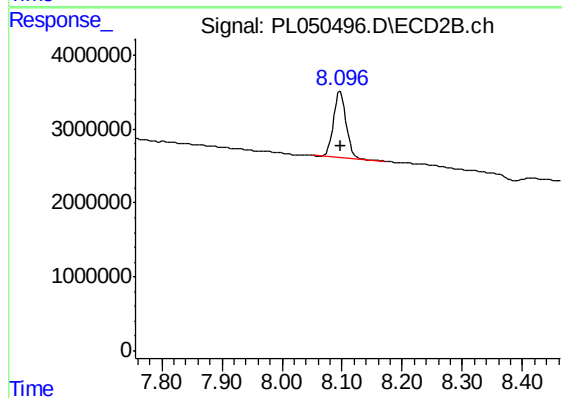
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 14806535
Conc: 5.12 ng/ml



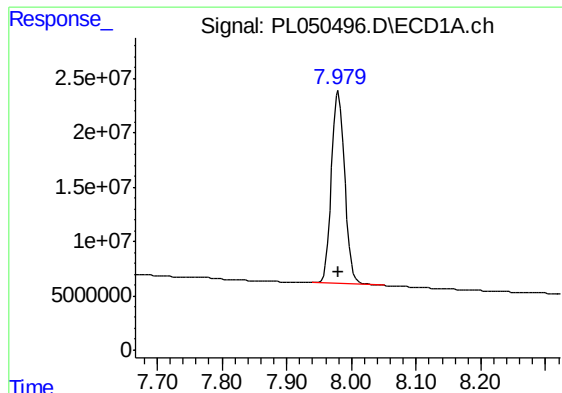
#22 Mirex

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 53019946
Conc: 5.41 ng/ml



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 13225102
Conc: 5.76 ng/ml



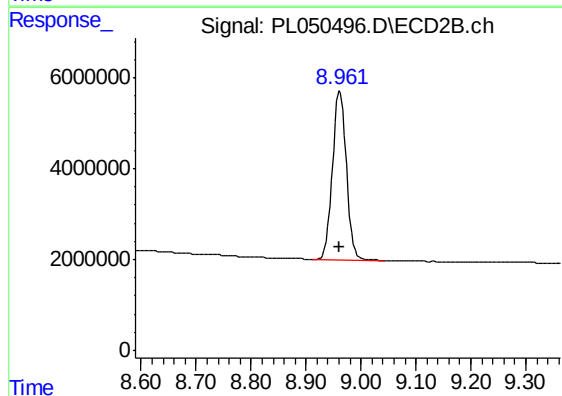
#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 250683249
Conc: 24.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2019

Manual Integrations
APPROVED

Ankita
7/18/2019 2:56:27 PM



#28 Decachlorobiphenyl

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 65484091
Conc: 23.16 ng/ml