

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070721\
 Data File : PL067995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2021 16:10
 Operator : AR\AJ
 Sample : M2947-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILE-7MSD

Manual Integrations
 APPROVED

mohammad
 7/8/2021 8:31:58 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:39:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 02:00:12 2021
 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...	4.477	5.551f	9621994	16394663	17.501	17.391
28)	SA Decachlor...	10.220	11.451f	11632866	15501248	16.415	15.563
Target Compounds							
2)	A alpha-BHC	5.177	6.131f	45429243	75556981	61.766	61.107m
3)	MA gamma-BHC...	5.596	6.528f	42824644	71221556	57.143	60.410
4)	MA Heptachlor	6.007	7.174f	43082101	67265239	57.115	60.315m
5)	MB Aldrin	6.329	7.544f	41139877	61978106	55.912	57.263m
6)	B beta-BHC	5.980	6.782f	19488518	34913024	54.467	64.295m
7)	B delta-BHC	6.237	7.050f	43728575	70802772	59.206	60.231
8)	B Heptachlo...	6.902	8.012f	39163167	57645006	55.974	57.543
9)	A Endosulfan I	7.302	8.417f	37372566	51791471	55.592	56.718
10)	B gamma-Chl...	7.181	8.281f	40616685	57059312	56.022	56.513
11)	B alpha-Chl...	7.249	8.362f	40139493	56474502	54.827	55.937
12)	B 4,4'-DDE	7.468	8.551f	37872359	51744667	56.924	57.118
13)	MA Dieldrin	7.587	8.706f	39762378	53788947	56.722	59.224
14)	MA Endrin	7.874	8.945f	37393617	44130332	57.032	57.694
15)	B Endosulfa...	8.184	9.179f	34891197	47028812	56.653	58.985
16)	A 4,4'-DDD	8.049	9.090f	32590529	42615964	56.067	59.921
17)	MA 4,4'-DDT	8.309	9.406f	32423860	40986857	55.722	55.905m
18)	B Endrin al...	8.371	9.312f	30313825	40651578	59.876	63.655m
19)	B Endosulfa...	8.602	9.552f	36718420	45997764	57.842	57.919
20)	A Methoxychlor	8.902	9.894f	19224624	21701125	54.082	55.815
21)	B Endrin ke...	9.113	10.049f	41019874	53992462	53.877	59.570
22)	Mirex	9.300	10.513f	33617871	41400729	53.381	54.763m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070721\
Data File : PL067995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2021 16:10
Operator : AR\AJ
Sample : M2947-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

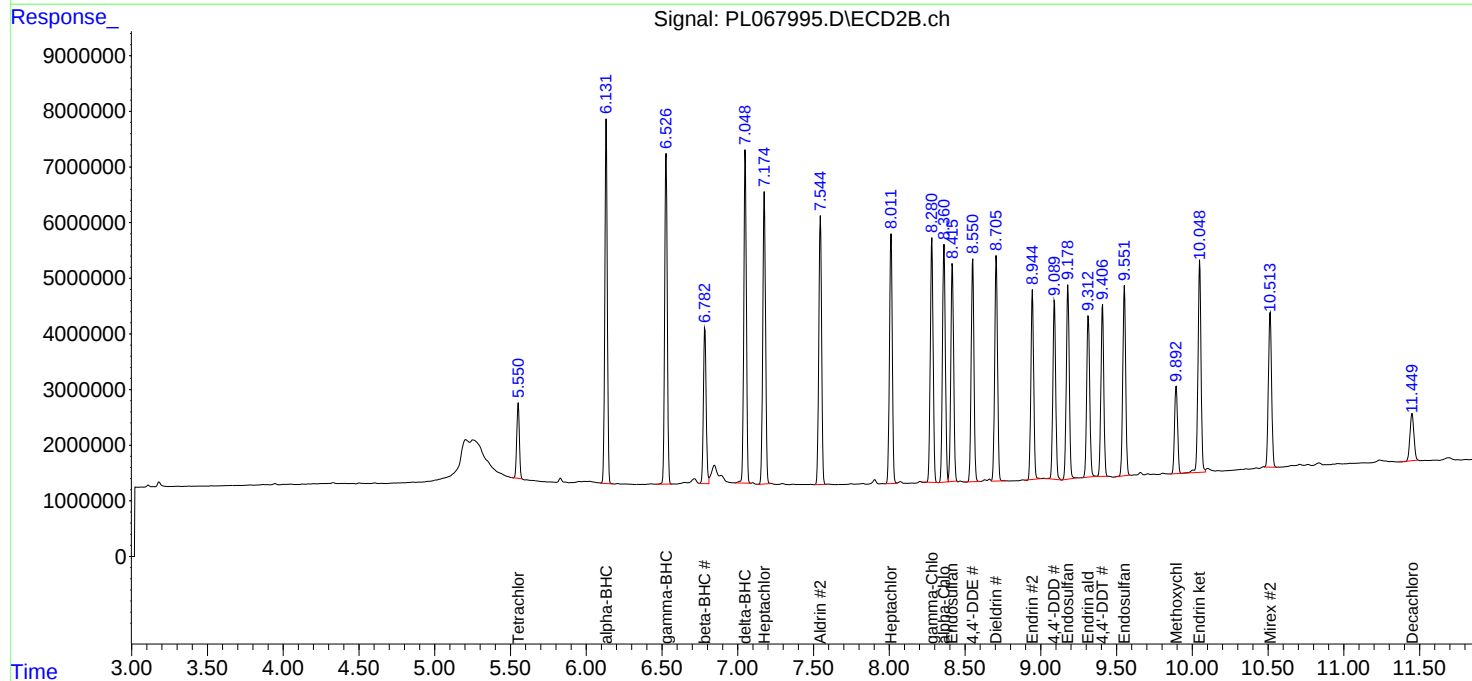
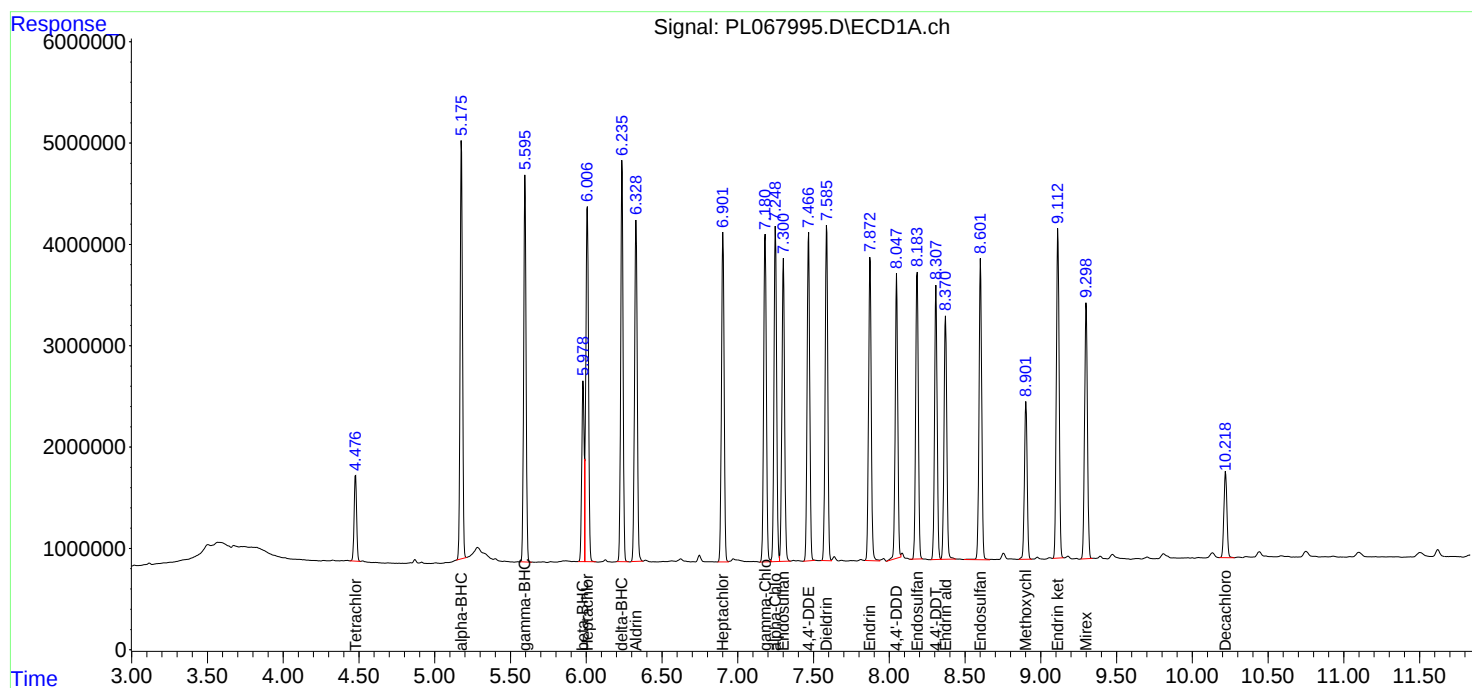
Instrument :
ECD_L
ClientSampled :
SOIL-PILE-7MSD

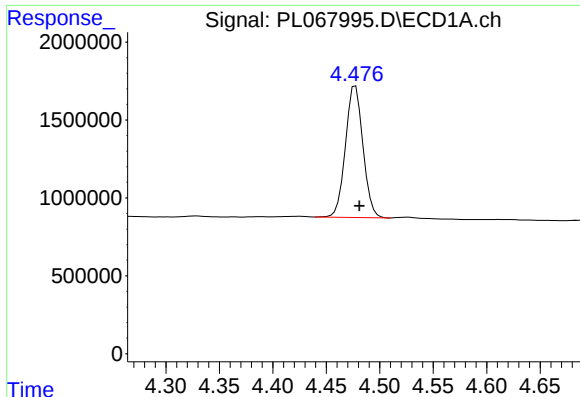
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:39:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 02:00:12 2021
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





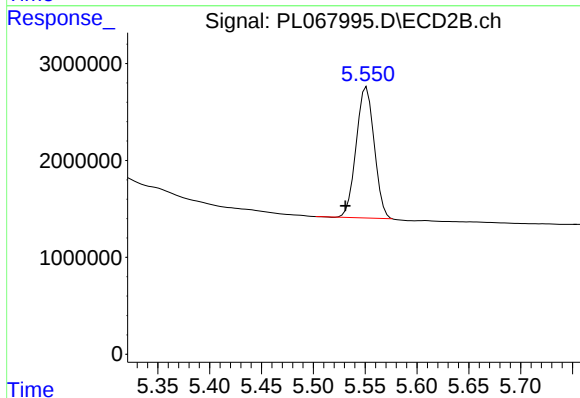
#1 Tetrachloro-m-xylene

R.T.: 4.477 min
Delta R.T.: -0.004 min
Response: 9621994
Conc: 17.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

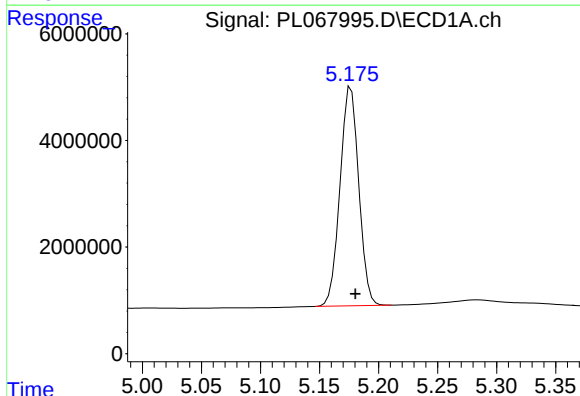
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



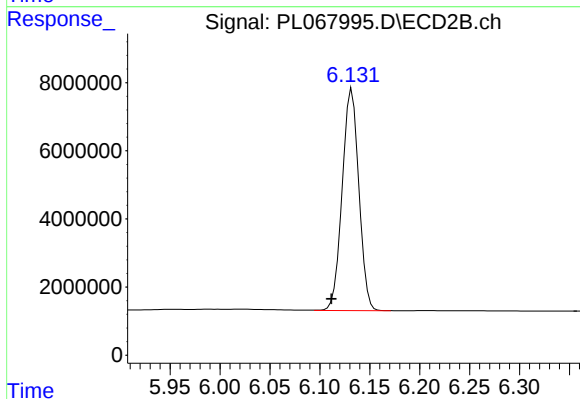
#1 Tetrachloro-m-xylene

R.T.: 5.551 min
Delta R.T.: 0.020 min
Response: 16394663
Conc: 17.39 ng/ml



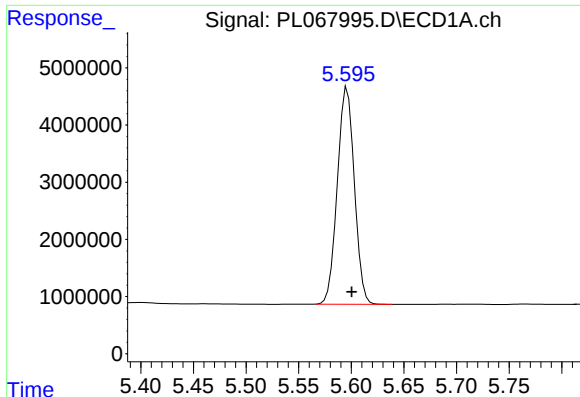
#2 alpha-BHC

R.T.: 5.177 min
Delta R.T.: -0.004 min
Response: 45429243
Conc: 61.77 ng/ml



#2 alpha-BHC

R.T.: 6.131 min
Delta R.T.: 0.019 min
Response: 75556981
Conc: 61.11 ng/ml m



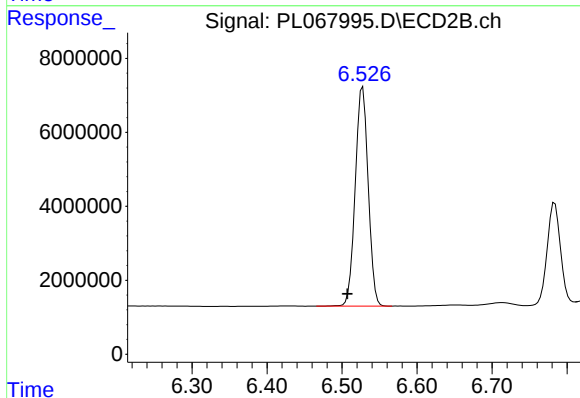
#3 gamma-BHC (Lindane)

R.T.: 5.596 min
Delta R.T.: -0.004 min
Response: 42824644
Conc: 57.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

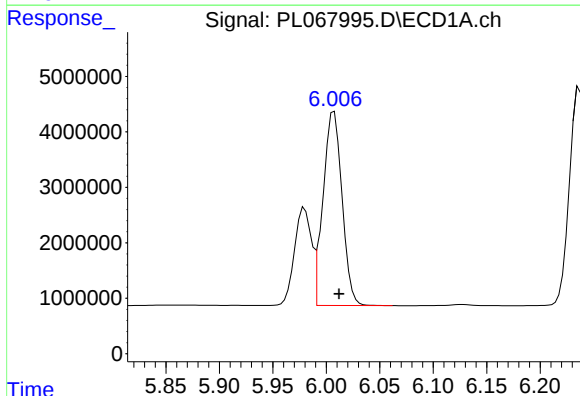
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



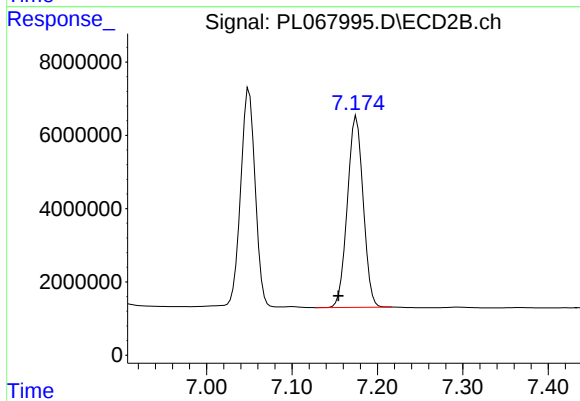
#3 gamma-BHC (Lindane)

R.T.: 6.528 min
Delta R.T.: 0.021 min
Response: 71221556
Conc: 60.41 ng/ml



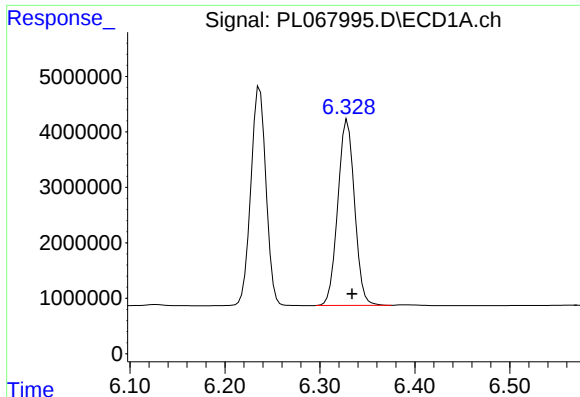
#4 Heptachlor

R.T.: 6.007 min
Delta R.T.: -0.005 min
Response: 43082101
Conc: 57.12 ng/ml



#4 Heptachlor

R.T.: 7.174 min
Delta R.T.: 0.020 min
Response: 67265239
Conc: 60.32 ng/ml m



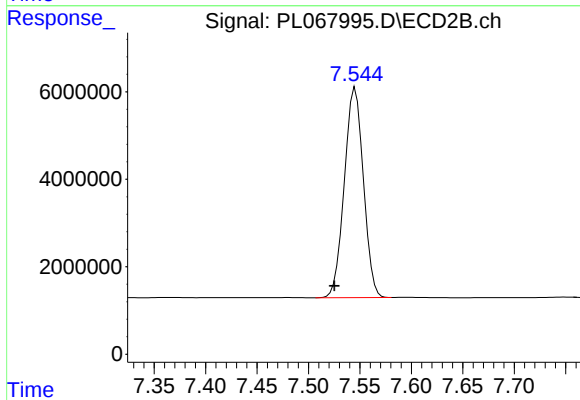
#5 Aldrin

R.T.: 6.329 min
Delta R.T.: -0.005 min
Response: 41139877
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

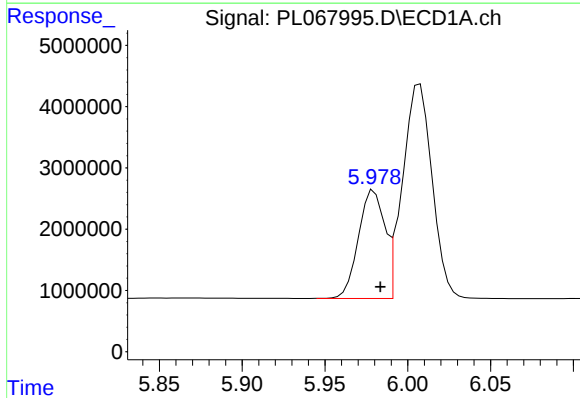
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



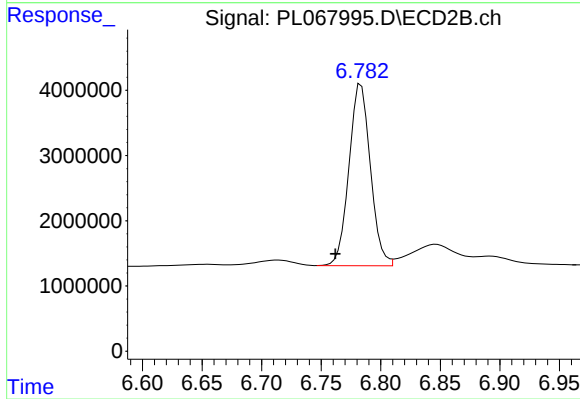
#5 Aldrin

R.T.: 7.544 min
Delta R.T.: 0.019 min
Response: 61978106
Conc: 57.26 ng/ml m



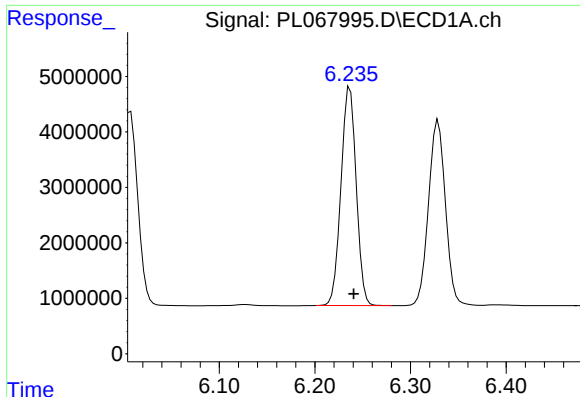
#6 beta-BHC

R.T.: 5.980 min
Delta R.T.: -0.004 min
Response: 19488518
Conc: 54.47 ng/ml



#6 beta-BHC

R.T.: 6.782 min
Delta R.T.: 0.020 min
Response: 34913024
Conc: 64.30 ng/ml m



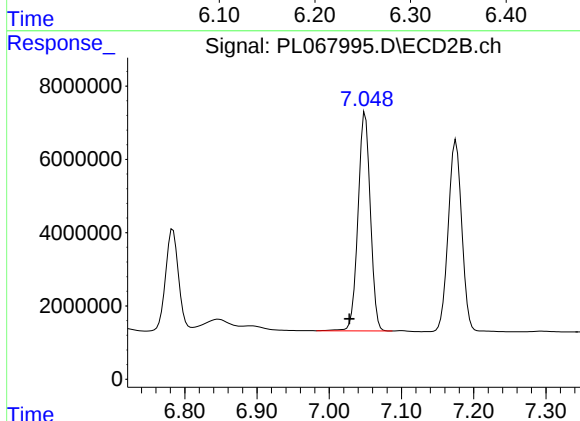
#7 delta-BHC

R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 43728575
Conc: 59.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

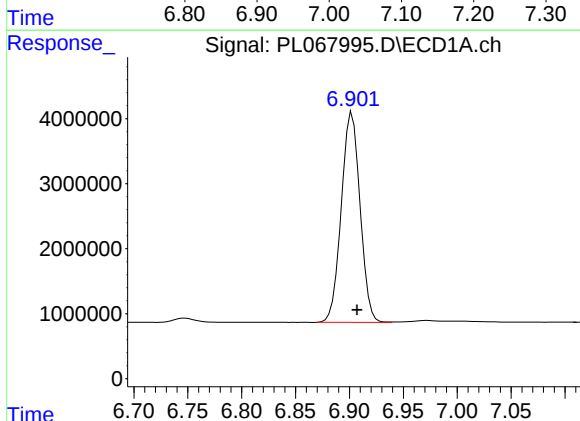
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



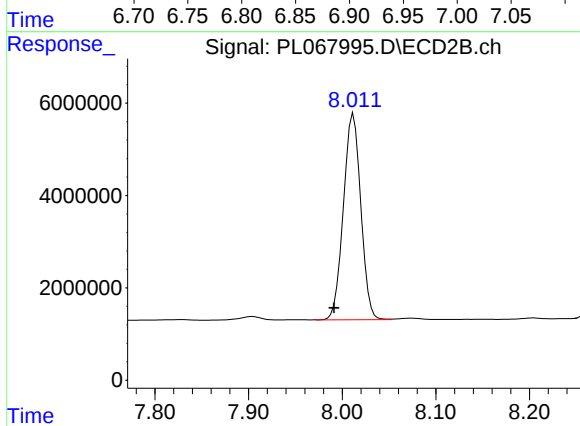
#7 delta-BHC

R.T.: 7.050 min
Delta R.T.: 0.022 min
Response: 70802772
Conc: 60.23 ng/ml



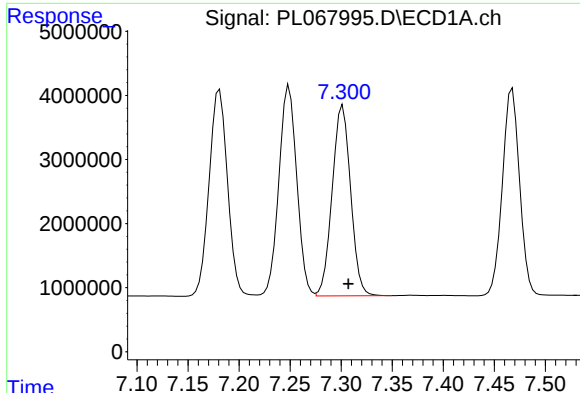
#8 Heptachlor epoxide

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 39163167
Conc: 55.97 ng/ml



#8 Heptachlor epoxide

R.T.: 8.012 min
Delta R.T.: 0.021 min
Response: 57645006
Conc: 57.54 ng/ml



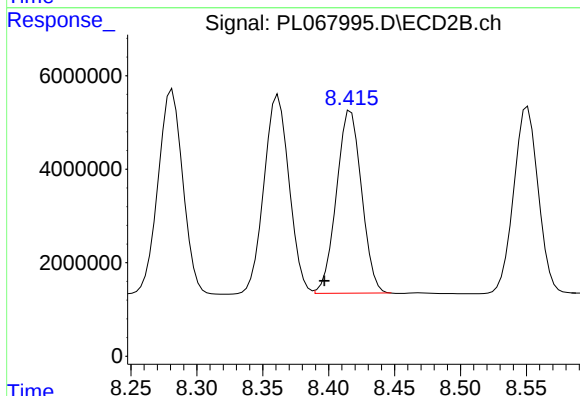
#9 Endosulfan I

R.T.: 7.302 min
Delta R.T.: -0.005 min
Response: 37372566
Conc: 55.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

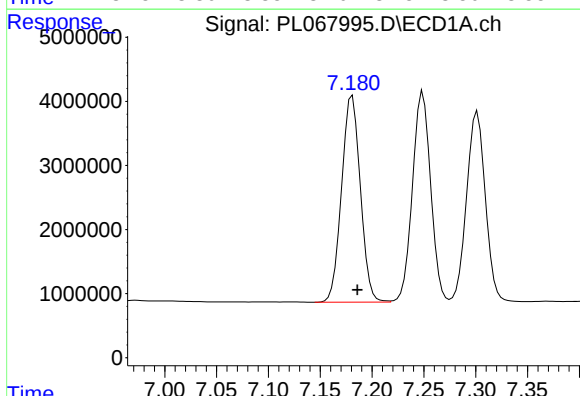
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



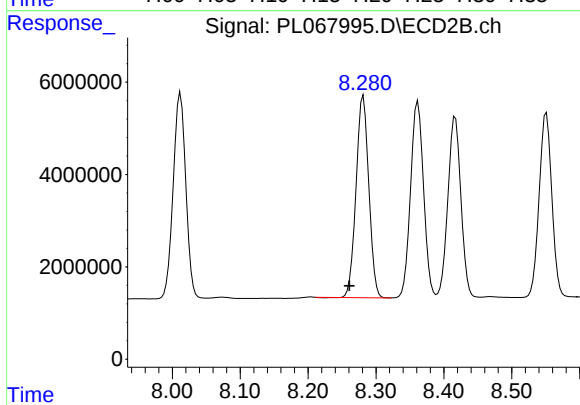
#9 Endosulfan I

R.T.: 8.417 min
Delta R.T.: 0.020 min
Response: 51791471
Conc: 56.72 ng/ml



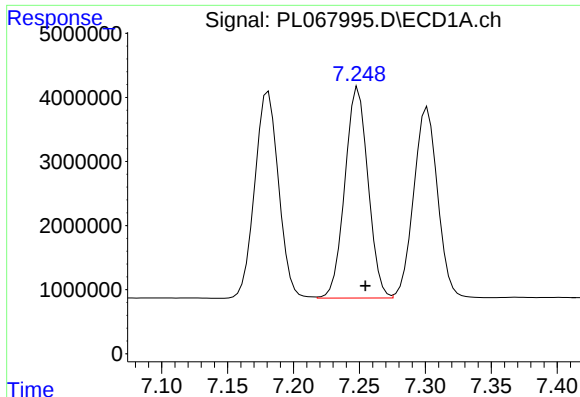
#10 gamma-Chlordane

R.T.: 7.181 min
Delta R.T.: -0.005 min
Response: 40616685
Conc: 56.02 ng/ml



#10 gamma-Chlordane

R.T.: 8.281 min
Delta R.T.: 0.020 min
Response: 57059312
Conc: 56.51 ng/ml



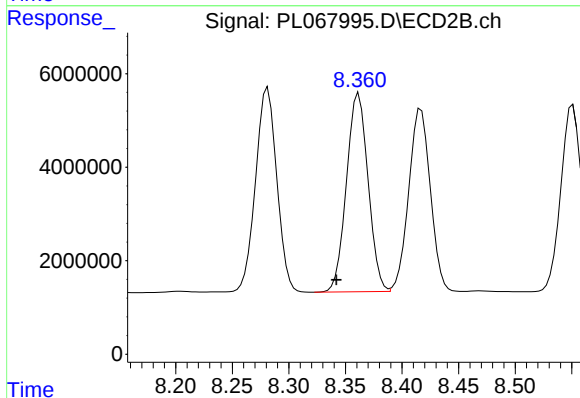
#11 alpha-Chlordane

R.T.: 7.249 min
Delta R.T.: -0.005 min
Response: 40139493
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

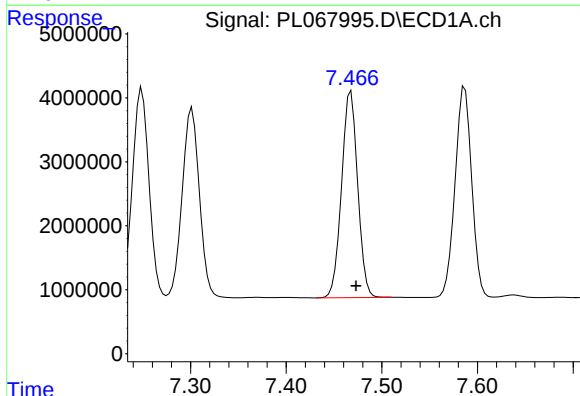
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



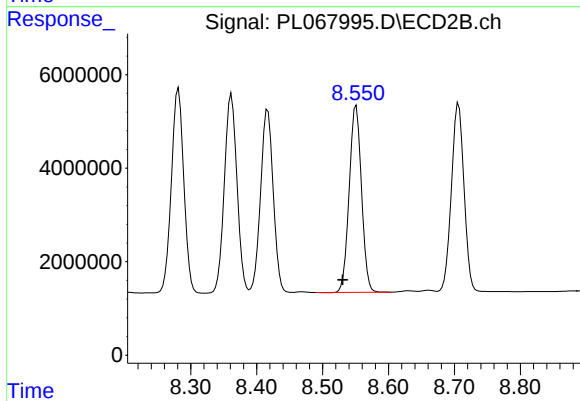
#11 alpha-Chlordane

R.T.: 8.362 min
Delta R.T.: 0.020 min
Response: 56474502
Conc: 55.94 ng/ml



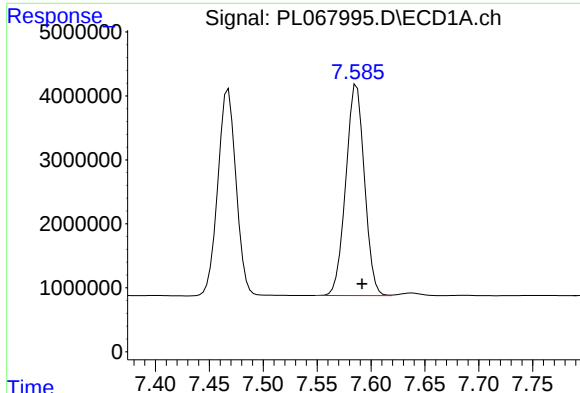
#12 4,4'-DDE

R.T.: 7.468 min
Delta R.T.: -0.005 min
Response: 37872359
Conc: 56.92 ng/ml



#12 4,4'-DDE

R.T.: 8.551 min
Delta R.T.: 0.021 min
Response: 51744667
Conc: 57.12 ng/ml



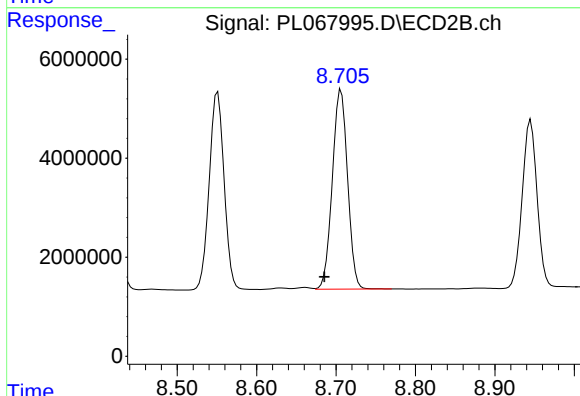
#13 Dieldrin

R.T.: 7.587 min
Delta R.T.: -0.005 min
Response: 39762378
Conc: 56.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

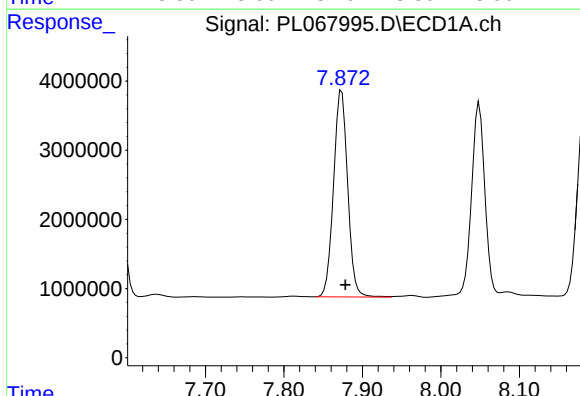
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



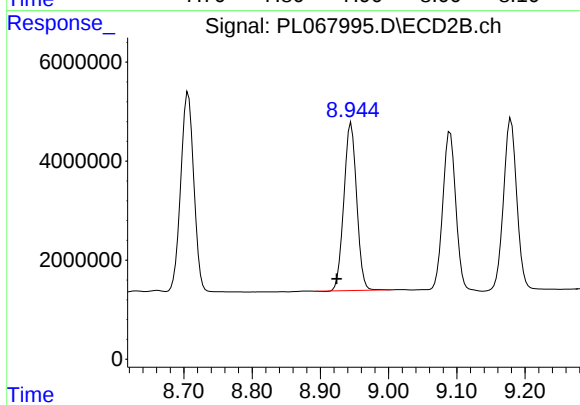
#13 Dieldrin

R.T.: 8.706 min
Delta R.T.: 0.021 min
Response: 53788947
Conc: 59.22 ng/ml



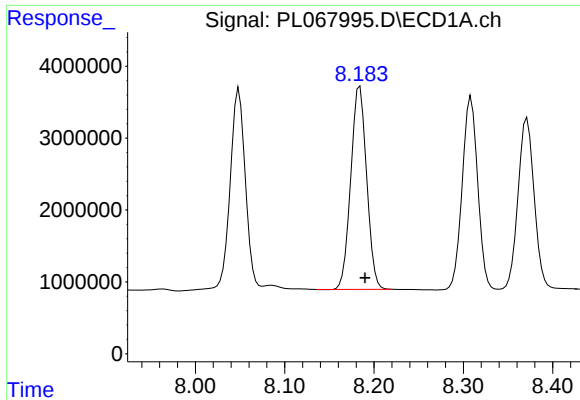
#14 Endrin

R.T.: 7.874 min
Delta R.T.: -0.005 min
Response: 37393617
Conc: 57.03 ng/ml



#14 Endrin

R.T.: 8.945 min
Delta R.T.: 0.021 min
Response: 44130332
Conc: 57.69 ng/ml



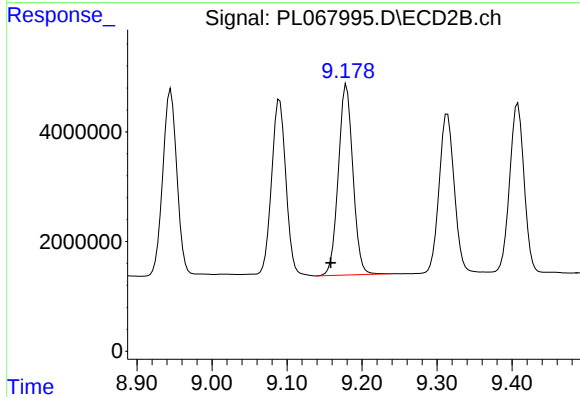
#15 Endosulfan II

R.T.: 8.184 min
Delta R.T.: -0.006 min
Response: 34891197
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

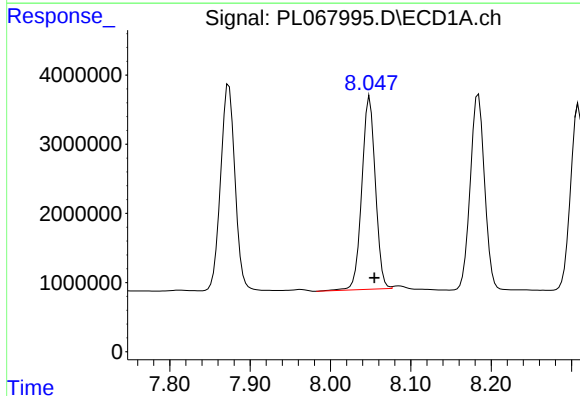
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



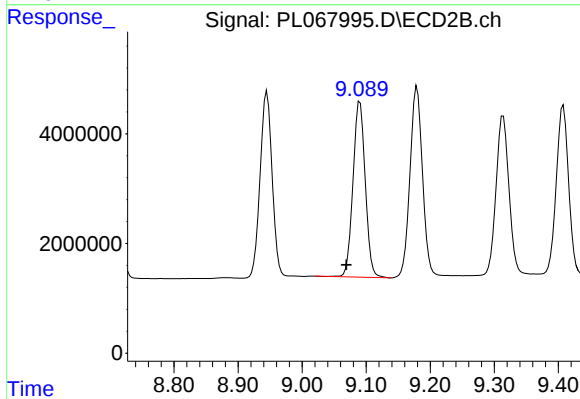
#15 Endosulfan II

R.T.: 9.179 min
Delta R.T.: 0.021 min
Response: 47028812
Conc: 58.99 ng/ml



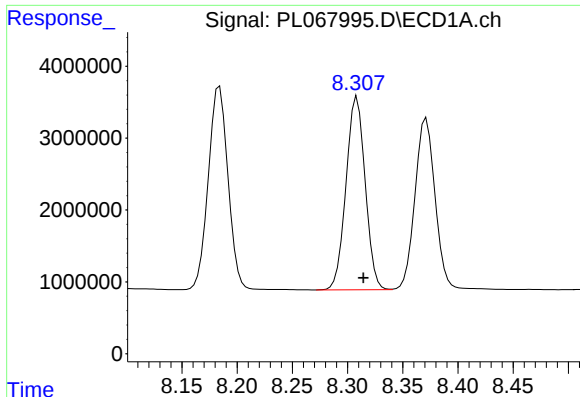
#16 4,4'-DDD

R.T.: 8.049 min
Delta R.T.: -0.006 min
Response: 32590529
Conc: 56.07 ng/ml



#16 4,4'-DDD

R.T.: 9.090 min
Delta R.T.: 0.021 min
Response: 42615964
Conc: 59.92 ng/ml



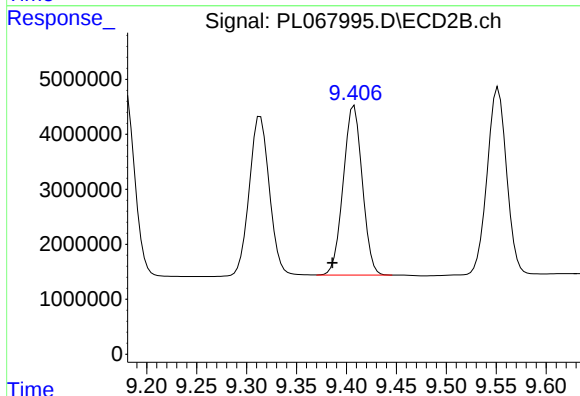
#17 4,4'-DDT

R.T.: 8.309 min
Delta R.T.: -0.006 min
Response: 32423860
Conc: 55.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

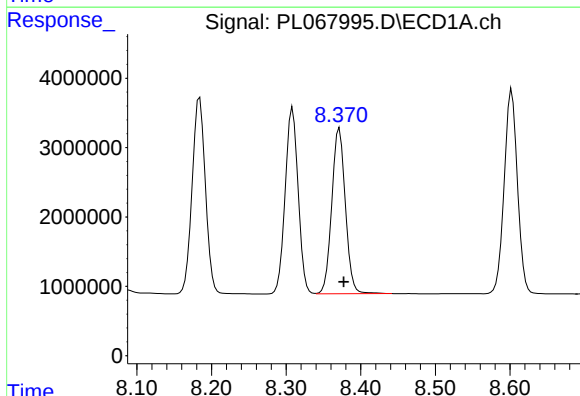
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



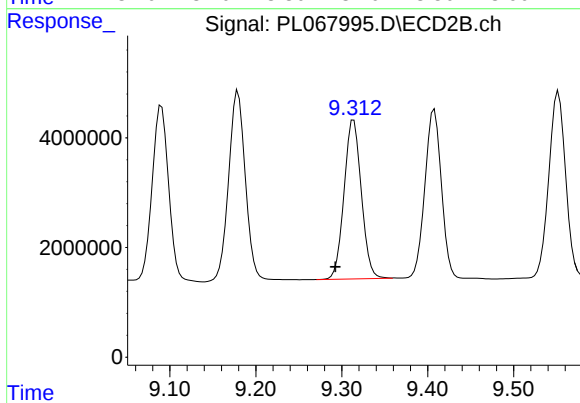
#17 4,4'-DDT

R.T.: 9.406 min
Delta R.T.: 0.020 min
Response: 40986857
Conc: 55.91 ng/ml m



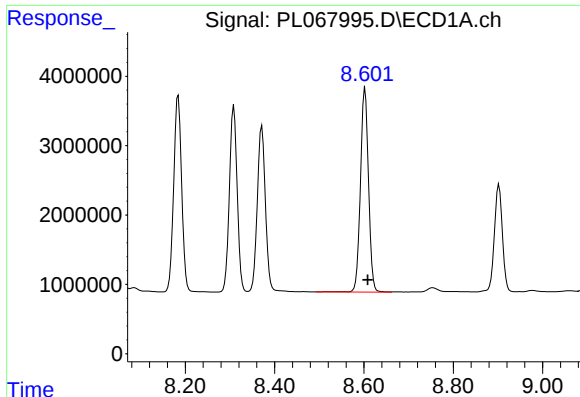
#18 Endrin aldehyde

R.T.: 8.371 min
Delta R.T.: -0.006 min
Response: 30313825
Conc: 59.88 ng/ml



#18 Endrin aldehyde

R.T.: 9.312 min
Delta R.T.: 0.020 min
Response: 40651578
Conc: 63.65 ng/ml m



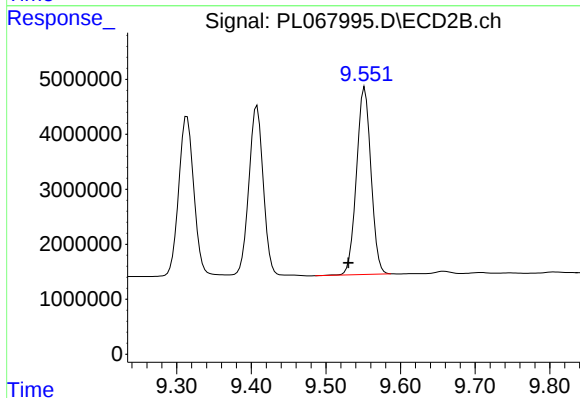
#19 Endosulfan Sulfate

R.T.: 8.602 min
Delta R.T.: -0.006 min
Response: 36718420
Conc: 57.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

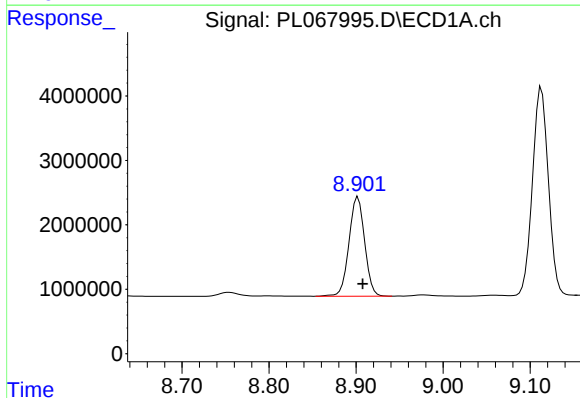
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



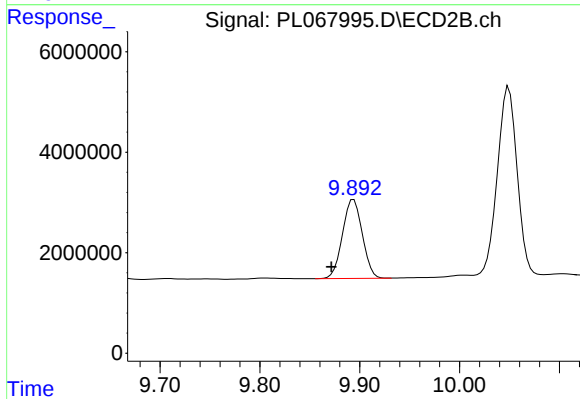
#19 Endosulfan Sulfate

R.T.: 9.552 min
Delta R.T.: 0.022 min
Response: 45997764
Conc: 57.92 ng/ml



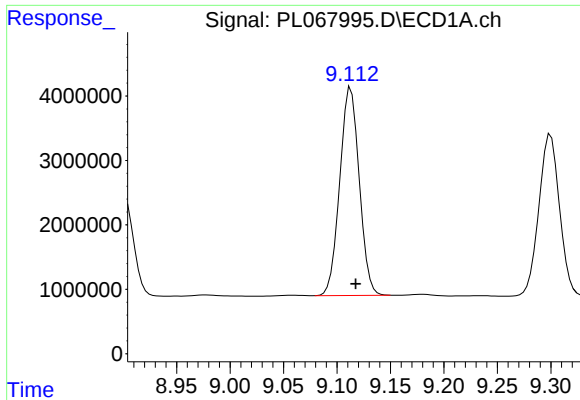
#20 Methoxychlor

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 19224624
Conc: 54.08 ng/ml



#20 Methoxychlor

R.T.: 9.894 min
Delta R.T.: 0.022 min
Response: 21701125
Conc: 55.82 ng/ml



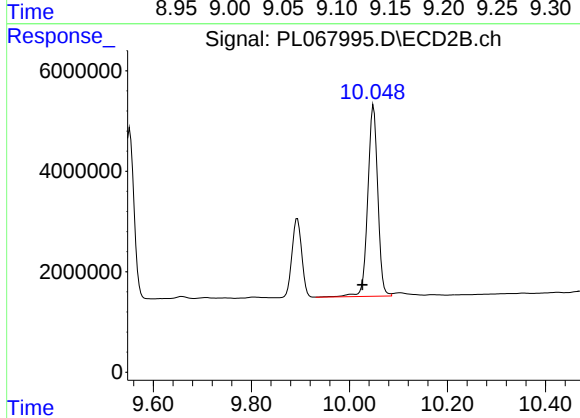
#21 Endrin ketone

R.T.: 9.113 min
Delta R.T.: -0.005 min
Response: 41019874
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

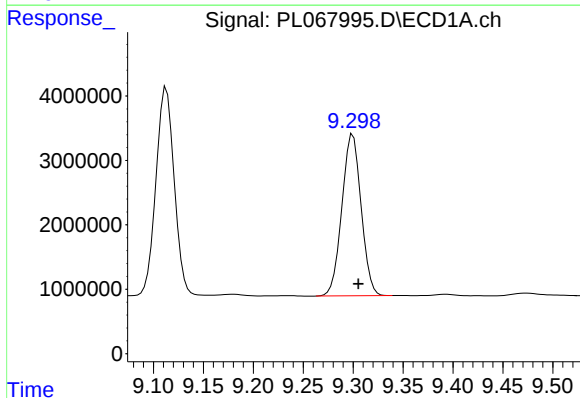
Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



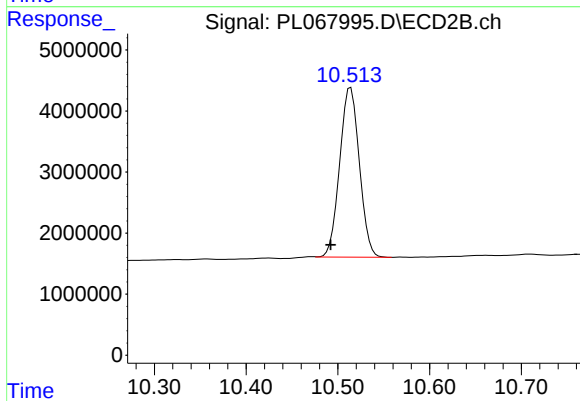
#21 Endrin ketone

R.T.: 10.049 min
Delta R.T.: 0.023 min
Response: 53992462
Conc: 59.57 ng/ml



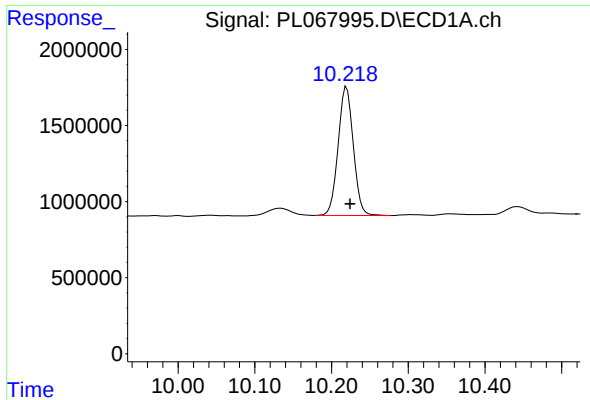
#22 Mirex

R.T.: 9.300 min
Delta R.T.: -0.006 min
Response: 33617871
Conc: 53.38 ng/ml



#22 Mirex

R.T.: 10.513 min
Delta R.T.: 0.021 min
Response: 41400729
Conc: 54.76 ng/ml m



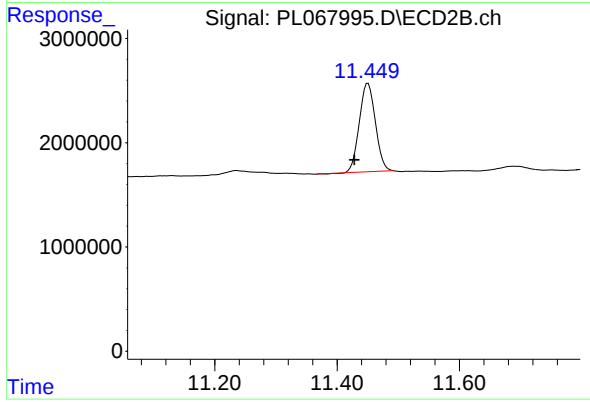
#28 Decachlorobiphenyl

R.T.: 10.220 min
Delta R.T.: -0.005 min
Response: 11632866
Conc: 16.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-7MSD

Manual Integrations
APPROVED

mohammad
7/8/2021 8:31:58 AM



#28 Decachlorobiphenyl

R.T.: 11.451 min
Delta R.T.: 0.022 min
Response: 15501248
Conc: 15.56 ng/ml