

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081521\
 Data File : PL069002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2021 15:14
 Operator : AR\AJ
 Sample : PB138438BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB138438BS

Manual Integrations
 APPROVED

mohammad
 8/16/2021 1:40:36 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 23:19:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 06 03:02:43 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...	4.635	5.567	7303991	18980819	17.658	18.694
28)	SA Decachlor...	10.404	11.488	10676837	17459321	18.578	17.995
Target Compounds							
2)	A alpha-BHC	5.342	6.148	26820904	69776708	48.487	51.238
3)	MA gamma-BHC...	5.765	6.543	25748400	65170291	47.442	50.089
4)	MA Heptachlor	6.175	7.193	26883222	64169009	45.771	47.799
5)	MB Aldrin	6.500	7.564	24906015	57022607	46.574	47.246
6)	B beta-BHC	6.144	6.796	13195492	33410714	46.809	51.572
7)	B delta-BHC	6.405	7.064	24919741	61203340	46.444	48.581
8)	B Heptachlo...	7.077	8.030	25193159	54310779	47.269	46.980
9)	A Endosulfan I	7.480	8.436	24147752	49159581	47.564	46.615
10)	B gamma-Chl...	7.354	8.299	26106215	54183412	47.636	47.311
11)	B alpha-Chl...	7.424	8.380	25964942	53198467	47.178	46.323
12)	B 4,4'-DDE	7.637	8.567	23255349	49746782	48.145	47.065
13)	MA Dieldrin	7.766	8.725	25096830	51119622	48.515	47.174
14)	MA Endrin	8.057	8.964	22100517	40143345	45.859	44.226
15)	B Endosulfa...	8.366	9.198	23079928	43324144	48.113m	47.236
16)	A 4,4'-DDD	8.222	9.107	20689300	40691123	48.205	47.620
17)	MA 4,4'-DDT	8.484	9.424	21204303	39000658	43.660	41.210
18)	B Endrin al...	8.556	9.332	20597510	37623614	54.928	53.689
19)	B Endosulfa...	8.786	9.569	24925933	42611016	48.451	46.748
20)	A Methoxychlor	9.078	9.909	13108609	21050650	41.875	40.451
21)	B Endrin ke...	9.305	10.068	29179531	48027849	49.876	47.166
22)	Mirex	9.493	10.535	23541514	35564606	46.984	44.967

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081521\
Data File : PL069002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2021 15:14
Operator : AR\AJ
Sample : PB138438BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

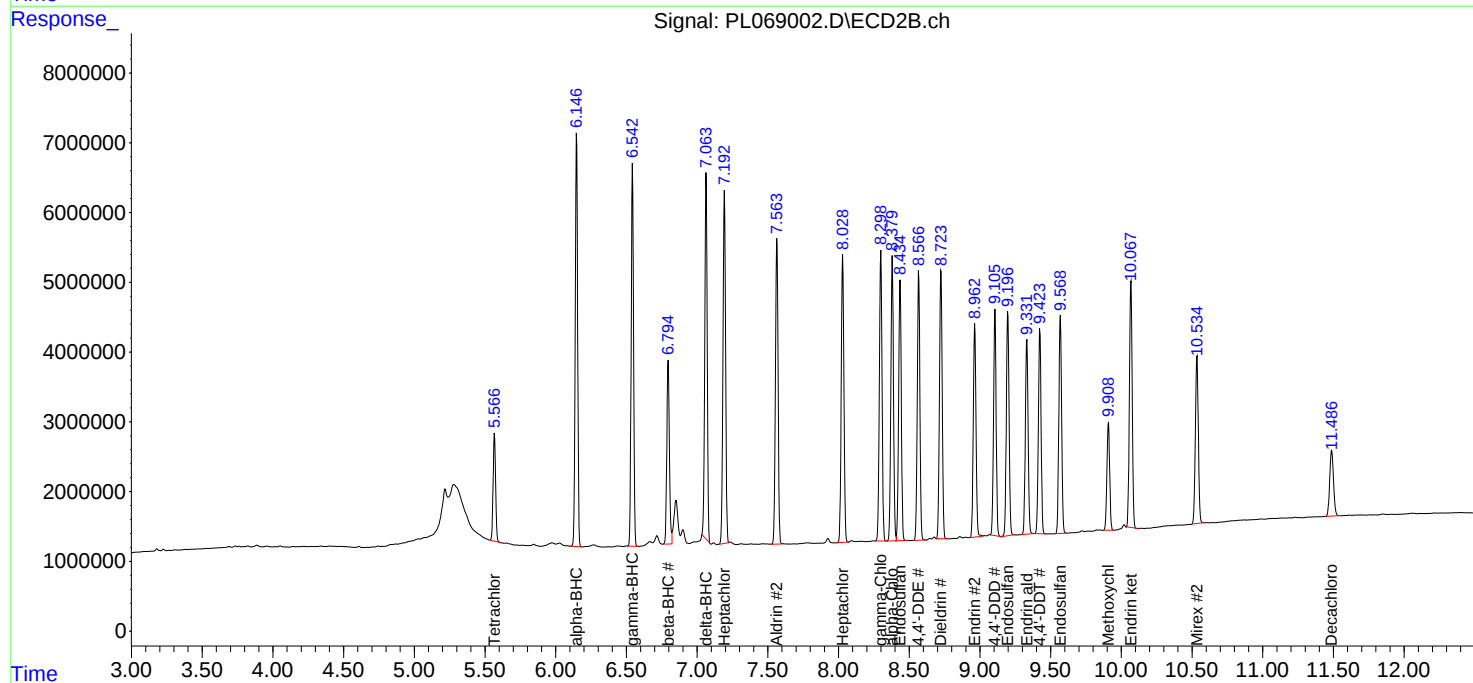
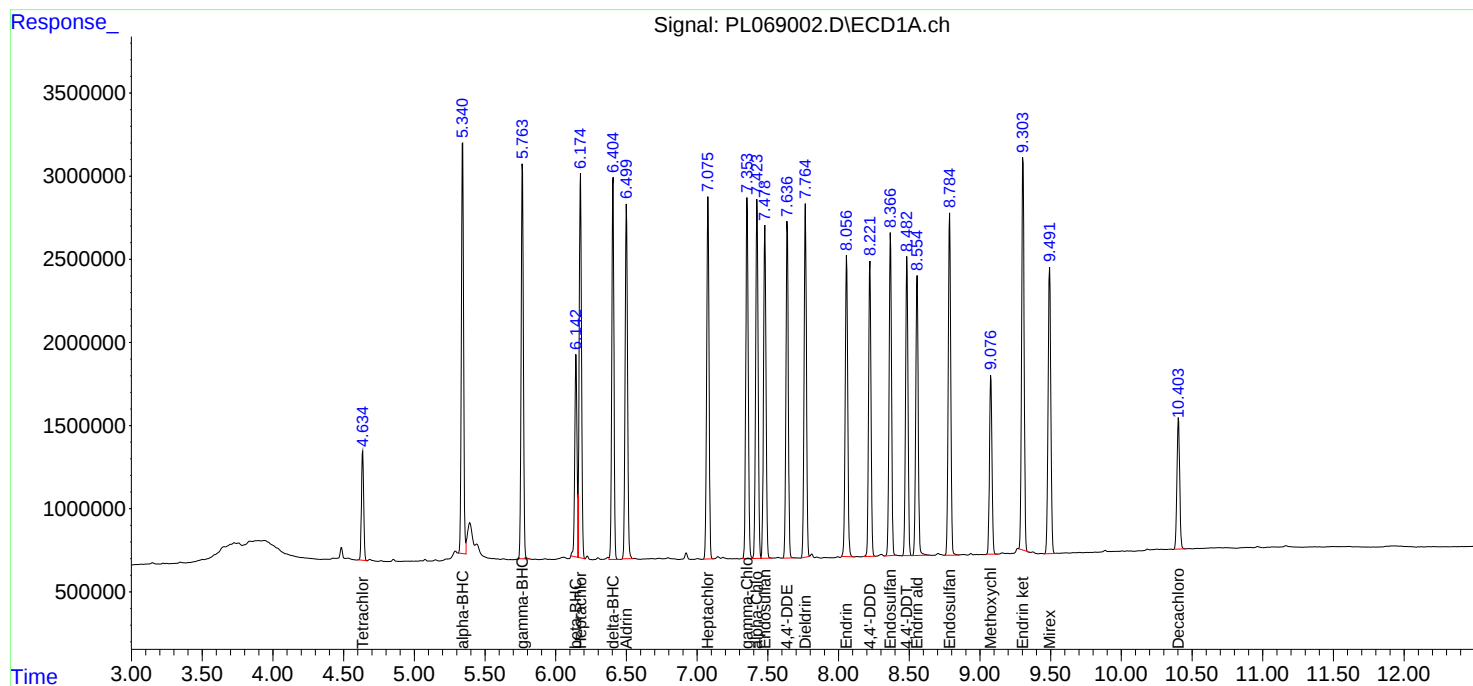
Instrument :
ECD_L
ClientSampleId :
PB138438BS

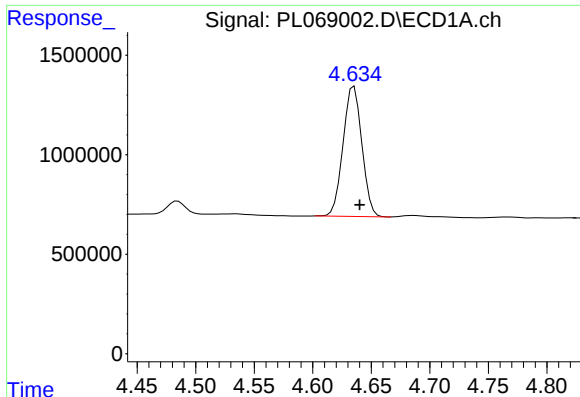
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 23:19:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
Quant Title : GC Extractables
QLast Update : Fri Aug 06 03:02:43 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





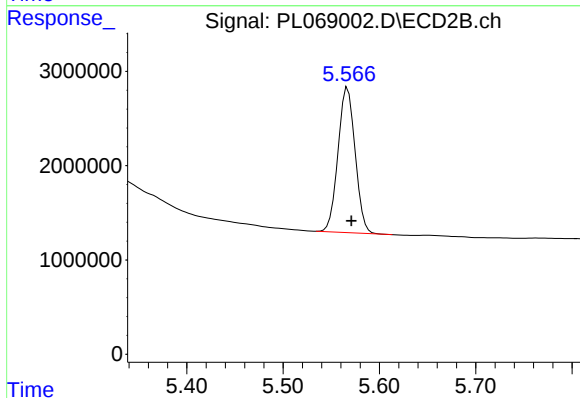
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 7303991
Conc: 17.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

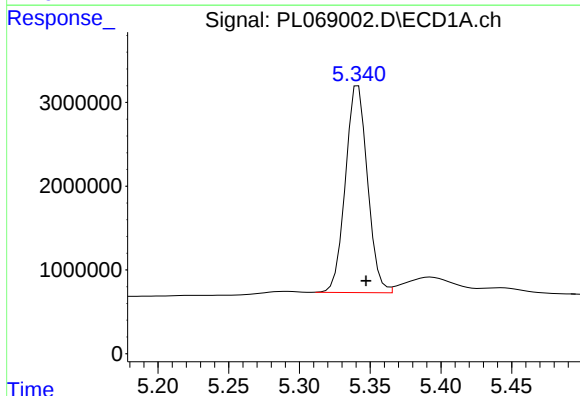
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



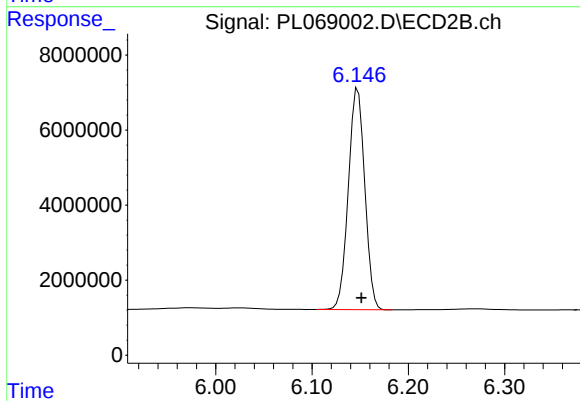
#1 Tetrachloro-m-xylene

R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 18980819
Conc: 18.69 ng/ml



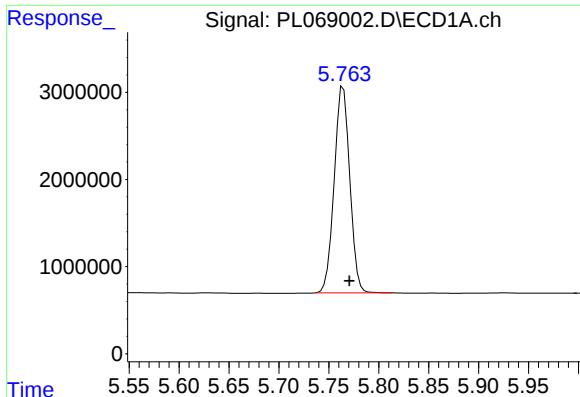
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.006 min
Response: 26820904
Conc: 48.49 ng/ml



#2 alpha-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 69776708
Conc: 51.24 ng/ml



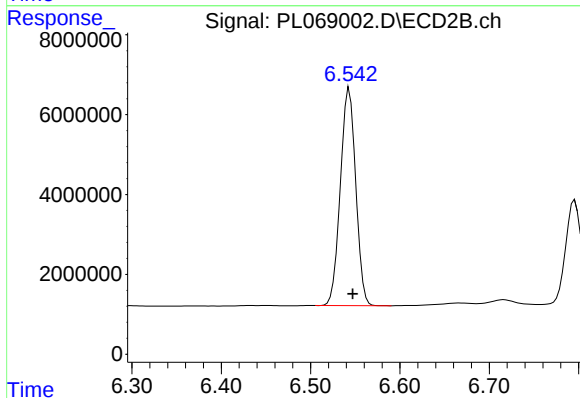
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 25748400
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

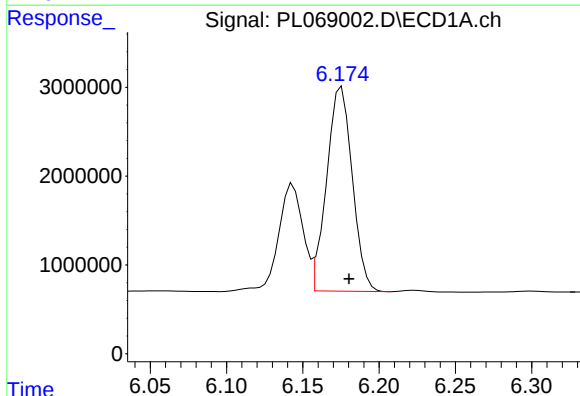
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



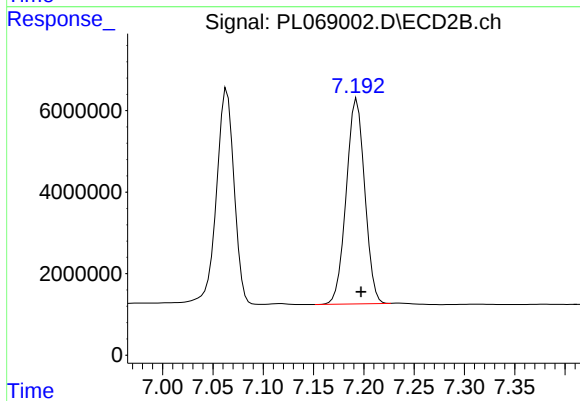
#3 gamma-BHC (Lindane)

R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 65170291
Conc: 50.09 ng/ml



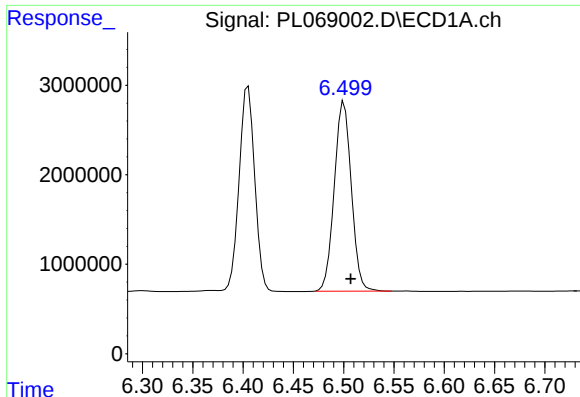
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.005 min
Response: 26883222
Conc: 45.77 ng/ml



#4 Heptachlor

R.T.: 7.193 min
Delta R.T.: -0.004 min
Response: 64169009
Conc: 47.80 ng/ml



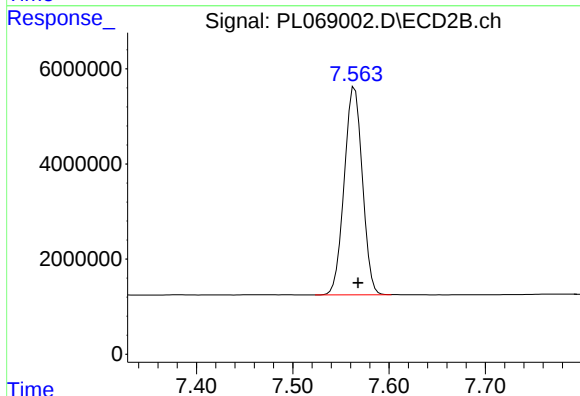
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 24906015
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

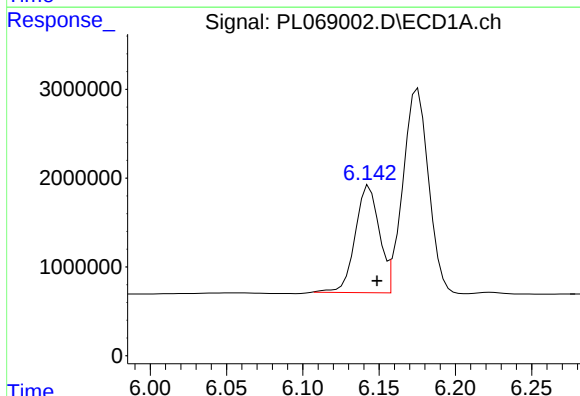
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



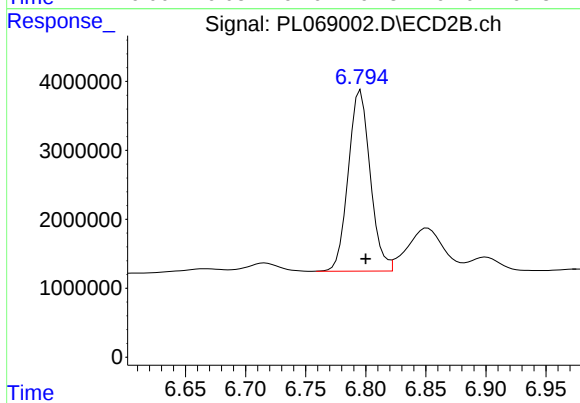
#5 Aldrin

R.T.: 7.564 min
Delta R.T.: -0.004 min
Response: 57022607
Conc: 47.25 ng/ml



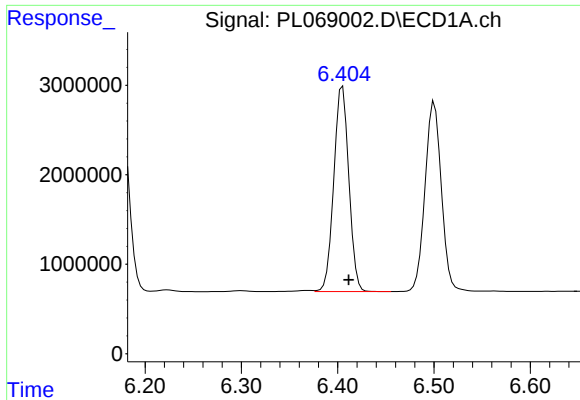
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 13195492
Conc: 46.81 ng/ml



#6 beta-BHC

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 33410714
Conc: 51.57 ng/ml



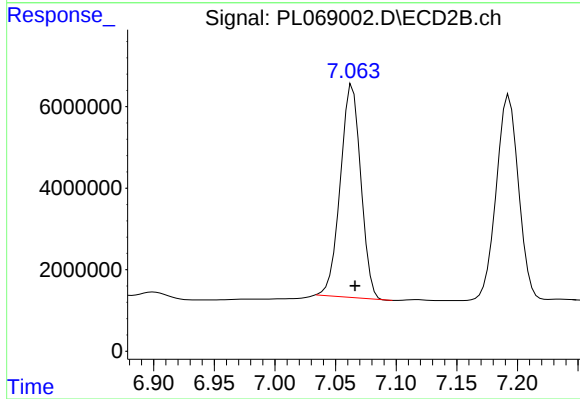
#7 delta-BHC

R.T.: 6.405 min
Delta R.T.: -0.006 min
Response: 24919741
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

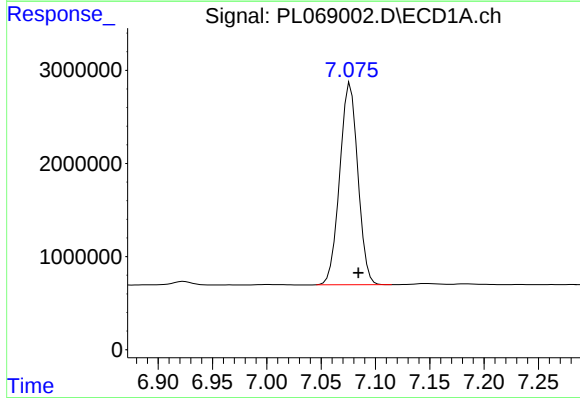
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



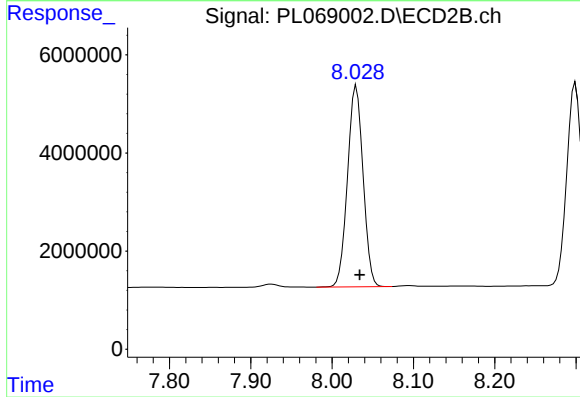
#7 delta-BHC

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 61203340
Conc: 48.58 ng/ml



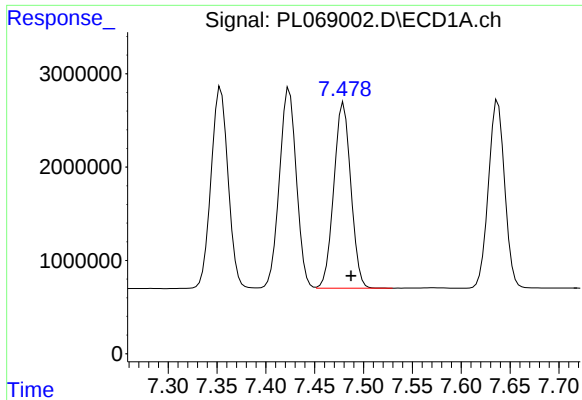
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 25193159
Conc: 47.27 ng/ml



#8 Heptachlor epoxide

R.T.: 8.030 min
Delta R.T.: -0.004 min
Response: 54310779
Conc: 46.98 ng/ml



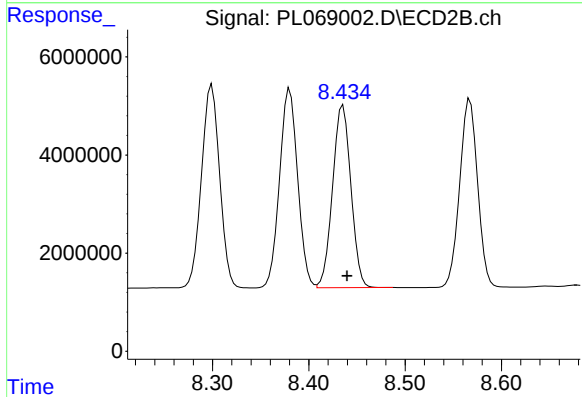
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.008 min
Response: 24147752
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

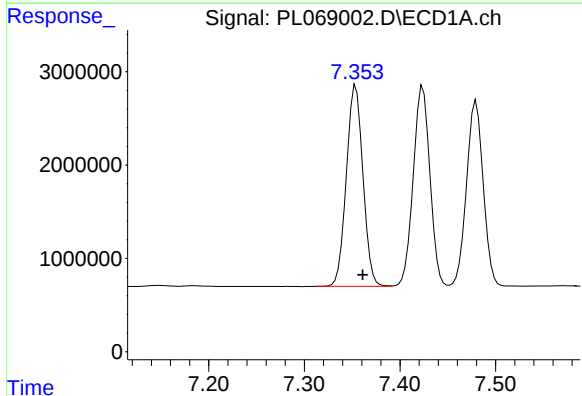
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



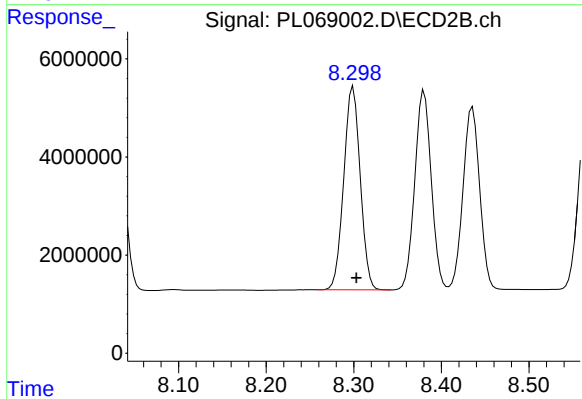
#9 Endosulfan I

R.T.: 8.436 min
Delta R.T.: -0.004 min
Response: 49159581
Conc: 46.62 ng/ml



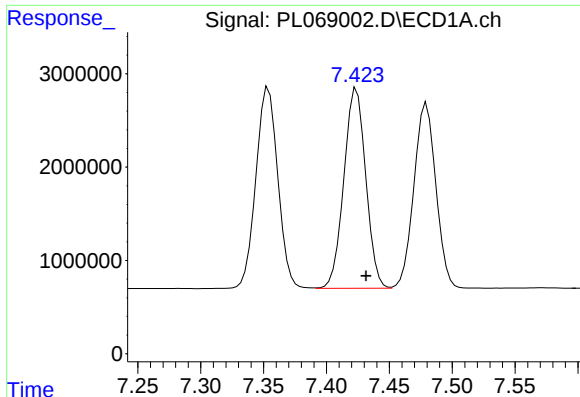
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.007 min
Response: 26106215
Conc: 47.64 ng/ml



#10 gamma-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.003 min
Response: 54183412
Conc: 47.31 ng/ml



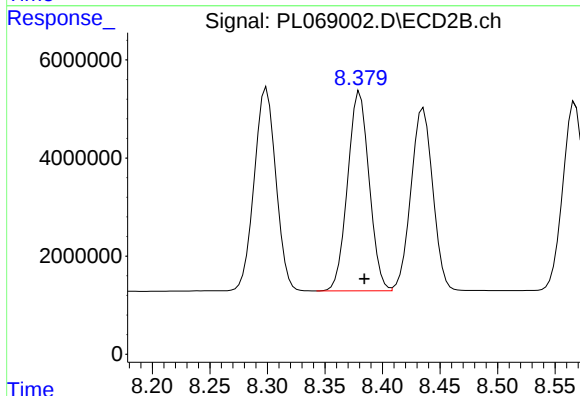
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.008 min
Response: 25964942
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

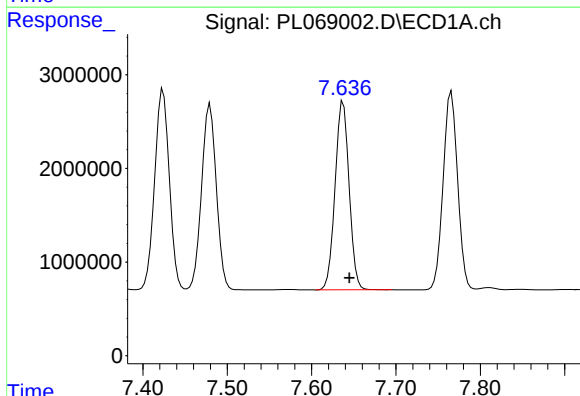
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



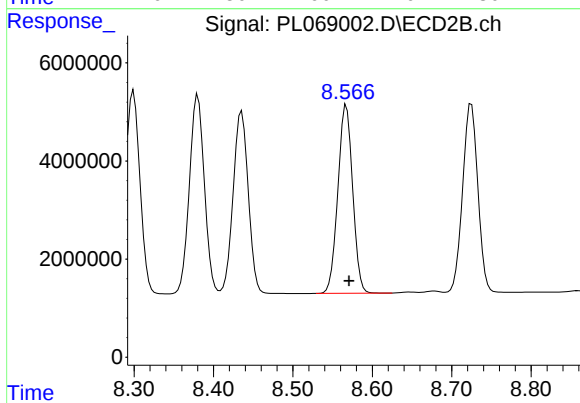
#11 alpha-Chlordane

R.T.: 8.380 min
Delta R.T.: -0.004 min
Response: 53198467
Conc: 46.32 ng/ml



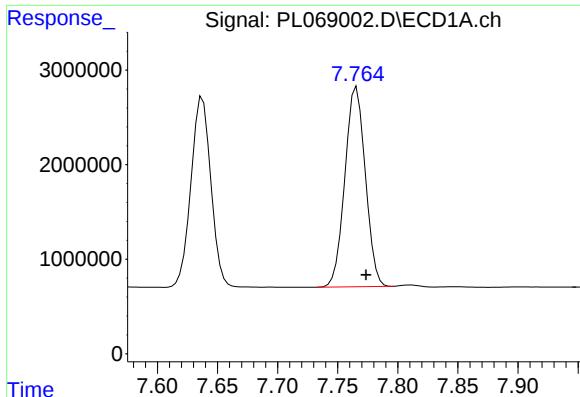
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 23255349
Conc: 48.14 ng/ml



#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 49746782
Conc: 47.07 ng/ml



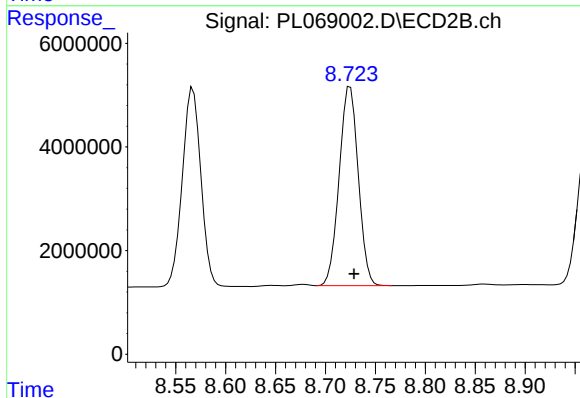
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 25096830
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

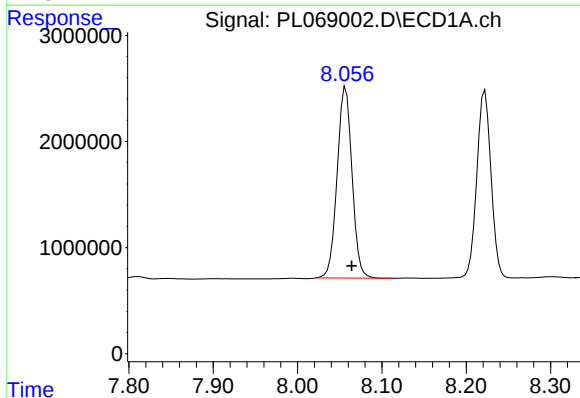
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



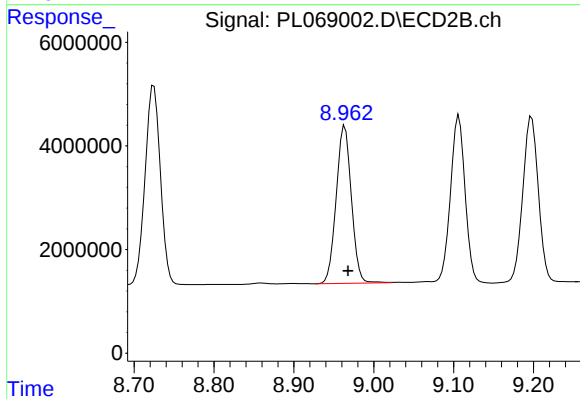
#13 Dieldrin

R.T.: 8.725 min
Delta R.T.: -0.004 min
Response: 51119622
Conc: 47.17 ng/ml



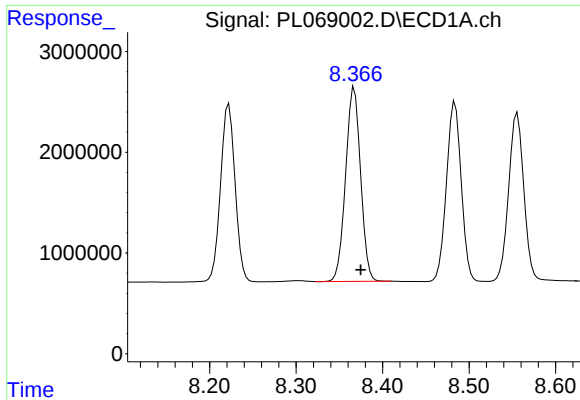
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 22100517
Conc: 45.86 ng/ml



#14 Endrin

R.T.: 8.964 min
Delta R.T.: -0.004 min
Response: 40143345
Conc: 44.23 ng/ml



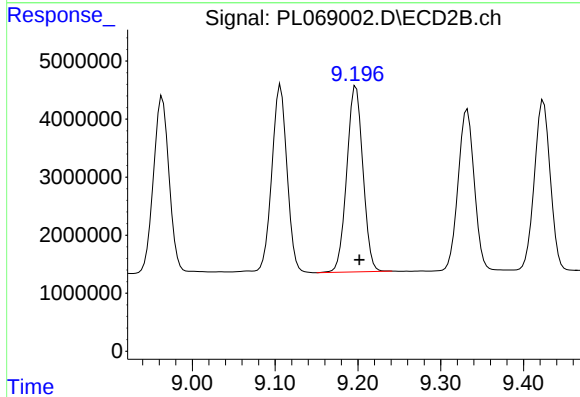
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 23079928
Conc: 48.11 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB138438BS

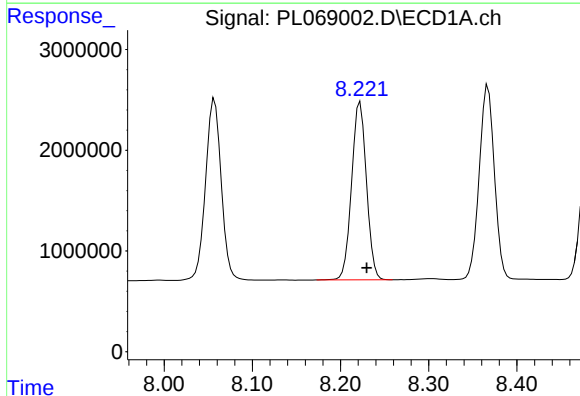
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



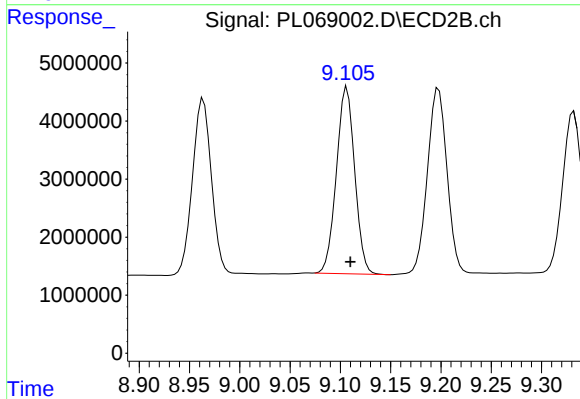
#15 Endosulfan II

R.T.: 9.198 min
Delta R.T.: -0.004 min
Response: 43324144
Conc: 47.24 ng/ml



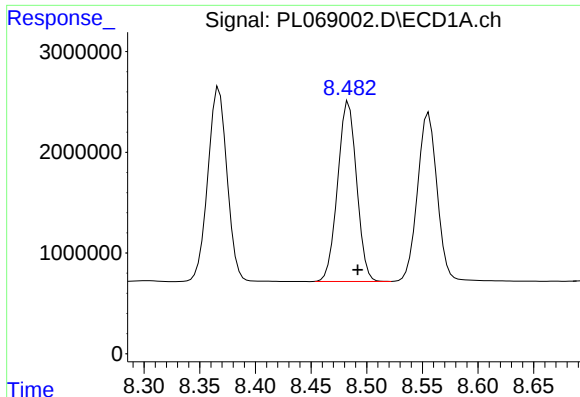
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 20689300
Conc: 48.20 ng/ml



#16 4,4'-DDD

R.T.: 9.107 min
Delta R.T.: -0.003 min
Response: 40691123
Conc: 47.62 ng/ml



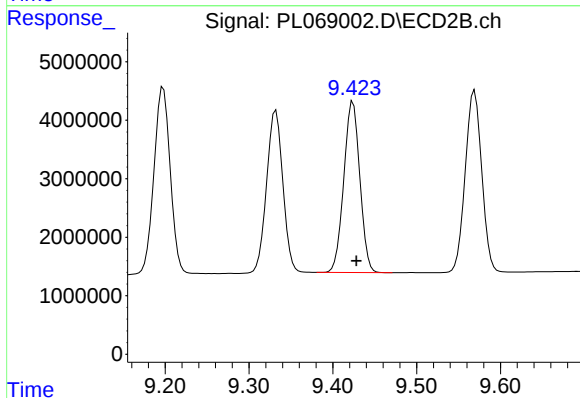
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 21204303
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

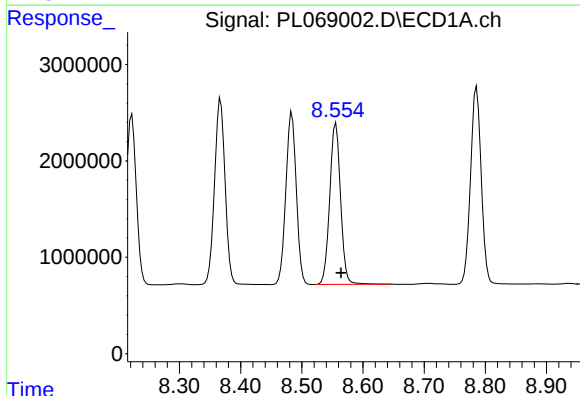
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



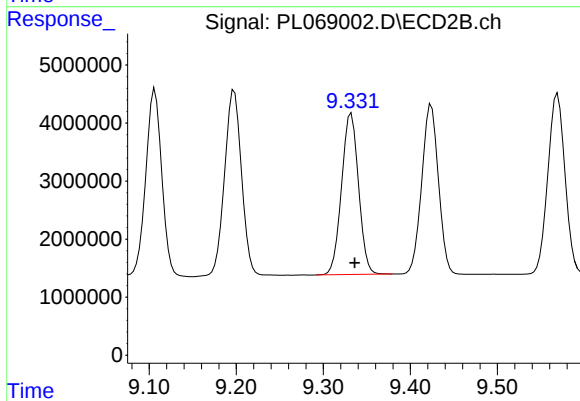
#17 4,4'-DDT

R.T.: 9.424 min
Delta R.T.: -0.004 min
Response: 39000658
Conc: 41.21 ng/ml



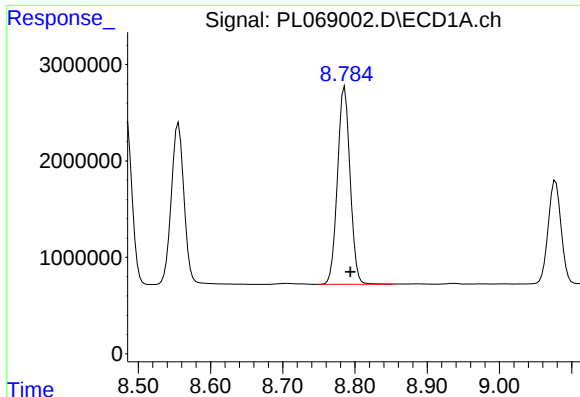
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 20597510
Conc: 54.93 ng/ml



#18 Endrin aldehyde

R.T.: 9.332 min
Delta R.T.: -0.004 min
Response: 37623614
Conc: 53.69 ng/ml



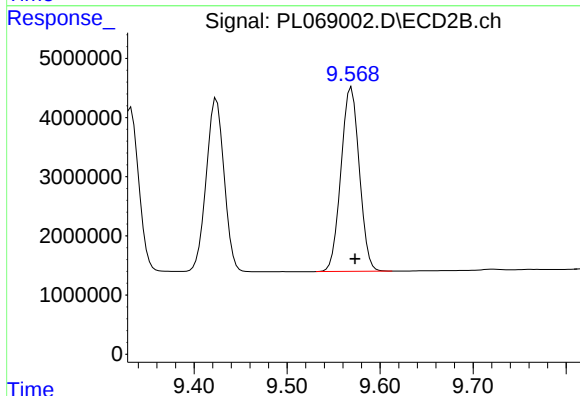
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.008 min
Response: 24925933
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

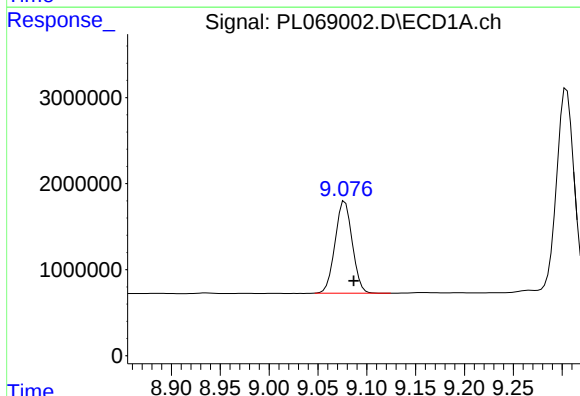
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



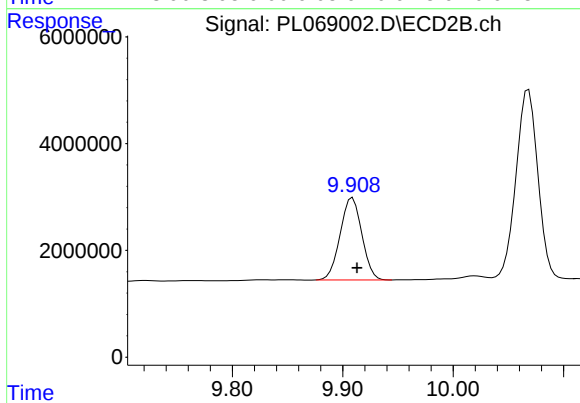
#19 Endosulfan Sulfate

R.T.: 9.569 min
Delta R.T.: -0.004 min
Response: 42611016
Conc: 46.75 ng/ml



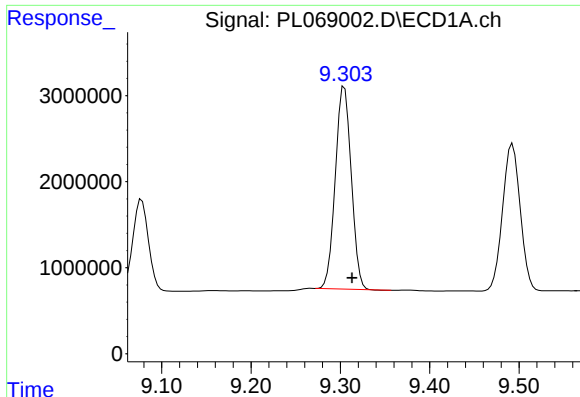
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 13108609
Conc: 41.87 ng/ml



#20 Methoxychlor

R.T.: 9.909 min
Delta R.T.: -0.004 min
Response: 21050650
Conc: 40.45 ng/ml



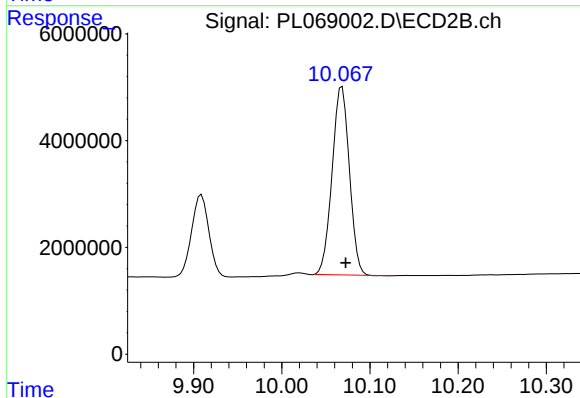
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 29179531
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

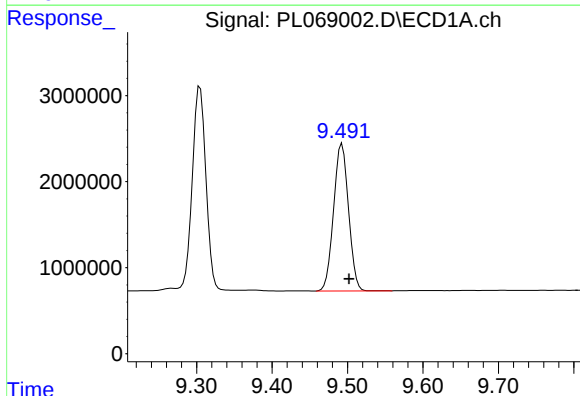
Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



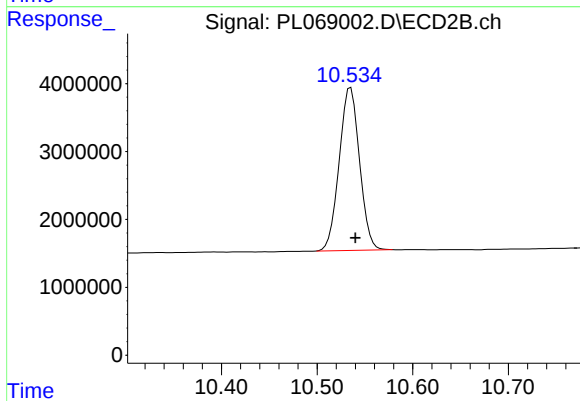
#21 Endrin ketone

R.T.: 10.068 min
Delta R.T.: -0.004 min
Response: 48027849
Conc: 47.17 ng/ml



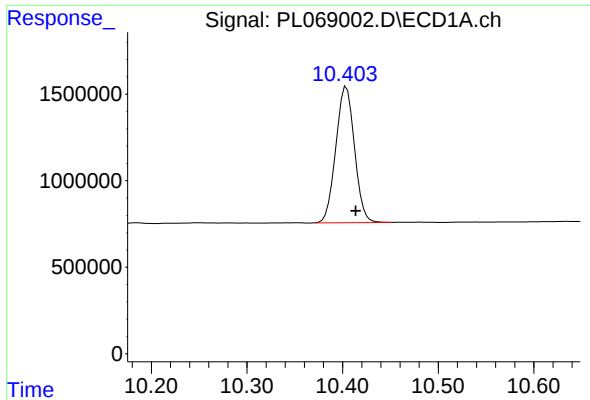
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 23541514
Conc: 46.98 ng/ml



#22 Mirex

R.T.: 10.535 min
Delta R.T.: -0.005 min
Response: 35564606
Conc: 44.97 ng/ml



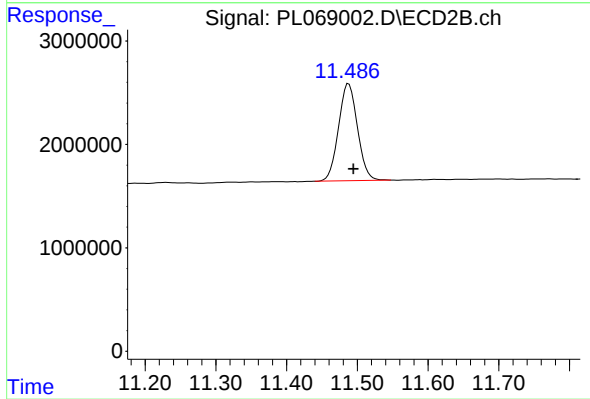
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 10676837
Conc: 18.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138438BS

Manual Integrations
APPROVED

mohammad
8/16/2021 1:40:36 PM



#28 Decachlorobiphenyl

R.T.: 11.488 min
Delta R.T.: -0.007 min
Response: 17459321
Conc: 17.99 ng/ml