

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080221\
 Data File : PL068643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2021 15:19
 Operator : AR\AJ
 Sample : PB138114BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB138114BS

Manual Integrations
 APPROVED

mohammad
 8/3/2021 8:27:32 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:43:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 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...	4.642	5.572	7452841	18140450	17.365	17.777
28)	SA Decachlor...	10.415	11.493	10270191	15379069	18.261	17.241
Target Compounds							
2)	A alpha-BHC	5.349	6.152	27123476	65886362	46.334	48.459
3)	MA gamma-BHC...	5.772	6.548	26368477	62641206	46.387	48.551
4)	MA Heptachlor	6.183	7.198	27387333	62688011	44.933	48.099
5)	MB Aldrin	6.509	7.569	25430259	55630725	45.253	46.888
6)	B beta-BHC	6.151	6.801	13533759	31535685	46.250	44.639
7)	B delta-BHC	6.413	7.068	25525479	59875200	45.685	48.869
8)	B Heptachlo...	7.086	8.036	25535722	54680390	45.965	48.363
9)	A Endosulfan I	7.489	8.440	24391957	50046106	46.173	48.608
10)	B gamma-Chl...	7.363	8.304	26383582	54490543	45.983	48.384
11)	B alpha-Chl...	7.433	8.386	26214625	53886607	45.643	47.912
12)	B 4,4'-DDE	7.647	8.572	23753751	50914231	47.138	49.404
13)	MA Dieldrin	7.775	8.730	25484538	51939201	47.344	48.970
14)	MA Endrin	8.066	8.969	23604117	41639628	47.199	46.568
15)	B Endosulfa...	8.375	9.202	23336275	44852787	47.267m	49.485
16)	A 4,4'-DDD	8.230	9.111	21564024	41870089	48.276m	49.173
17)	MA 4,4'-DDT	8.494	9.429	21762499	40594845	43.387	43.010
18)	B Endrin al...	8.565	9.337	20567829	38517421	51.921	53.443
19)	B Endosulfa...	8.796	9.574	25271800	44058707	48.094	48.928
20)	A Methoxychlor	9.088	9.913	13553368	21320637	43.328	41.967
21)	B Endrin ke...	9.315	10.073	28628534	50137146	48.350	50.271
22)	Mirex	9.503	10.539	23389152	36863779	47.363	47.650

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080221\
Data File : PL068643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2021 15:19
Operator : AR\AJ
Sample : PB138114BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

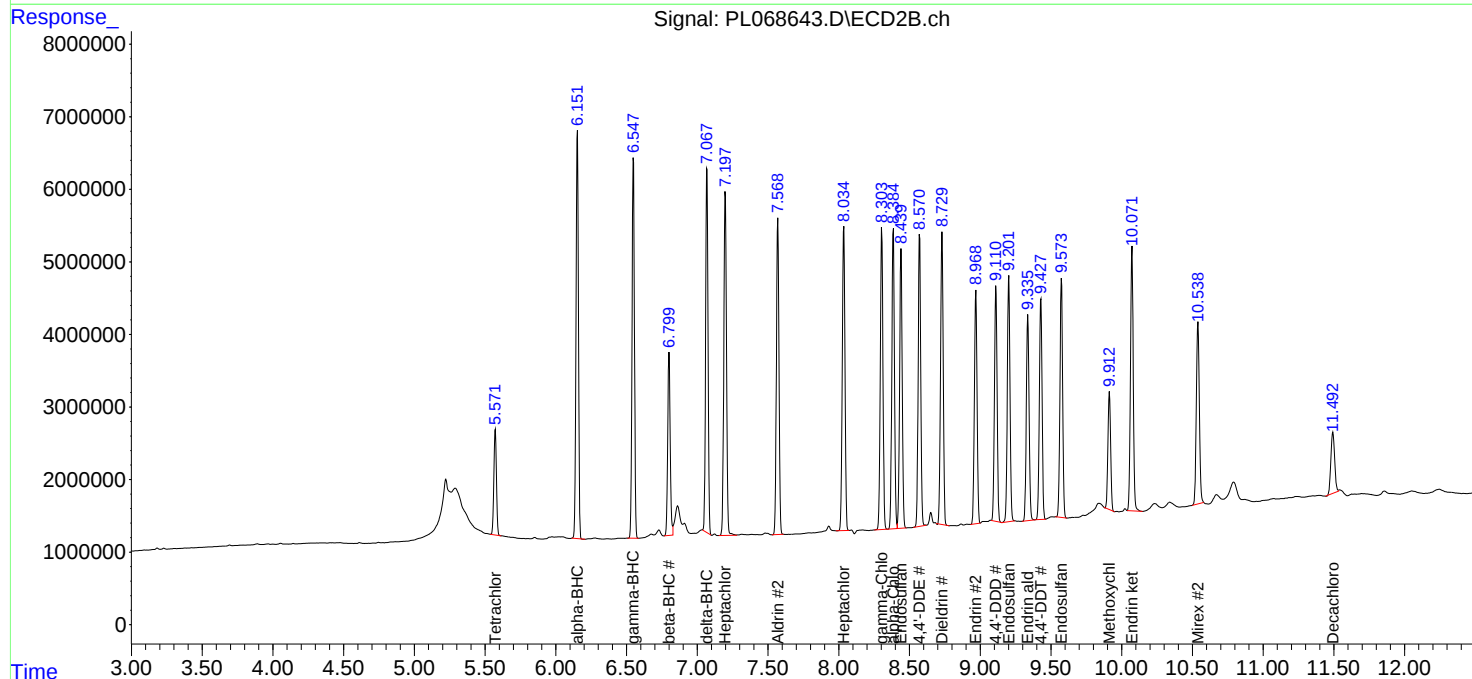
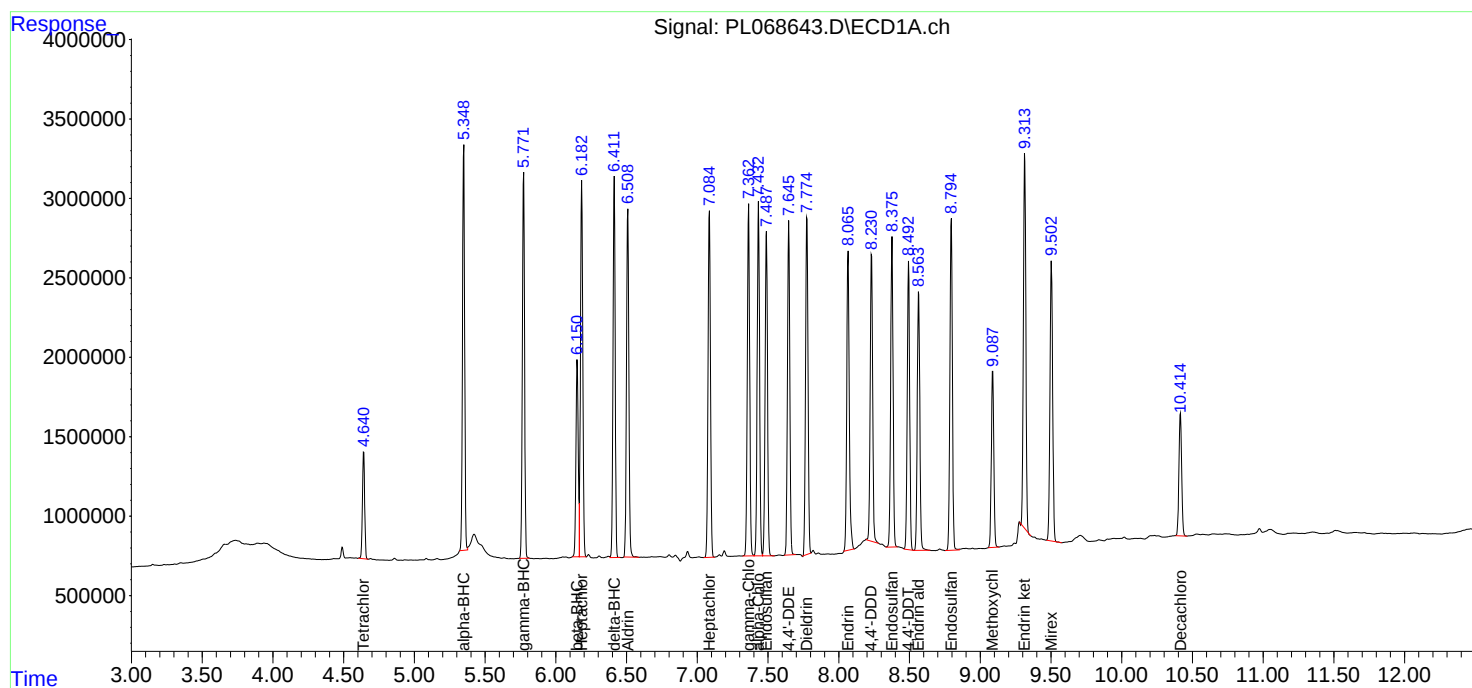
Instrument :
ECD_L
ClientSampleId :
PB138114BS

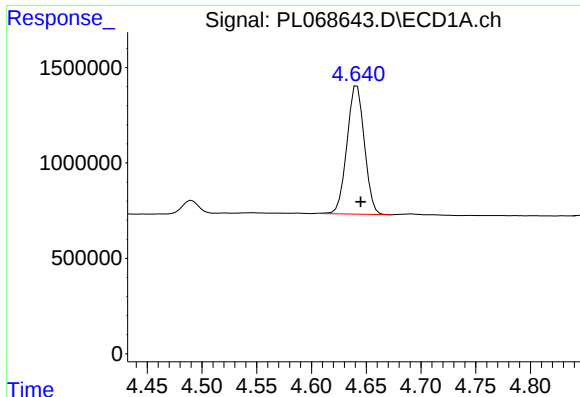
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 01:43:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 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





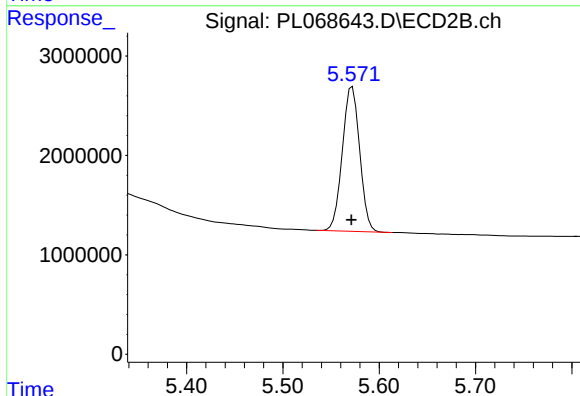
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 7452841
Conc: 17.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

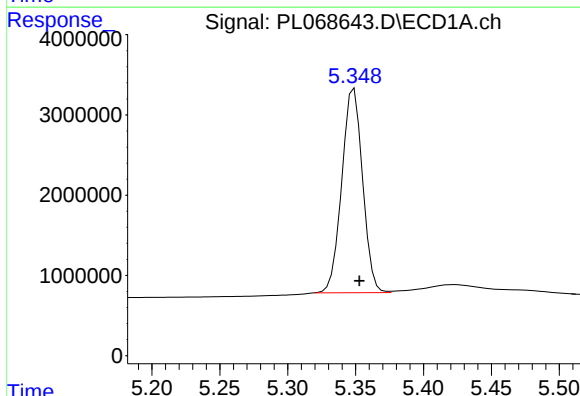
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



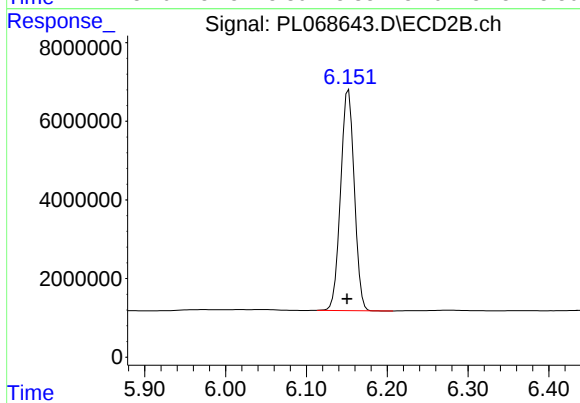
#1 Tetrachloro-m-xylene

R.T.: 5.572 min
Delta R.T.: 0.001 min
Response: 18140450
Conc: 17.78 ng/ml



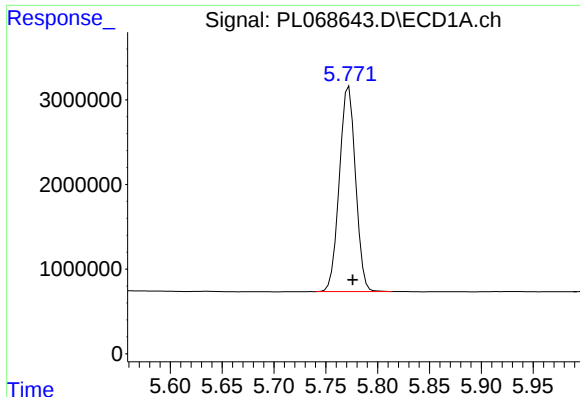
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 27123476
Conc: 46.33 ng/ml



#2 alpha-BHC

R.T.: 6.152 min
Delta R.T.: 0.002 min
Response: 65886362
Conc: 48.46 ng/ml



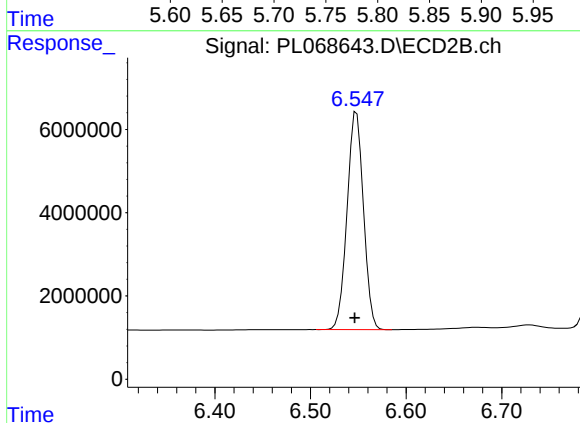
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 26368477
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

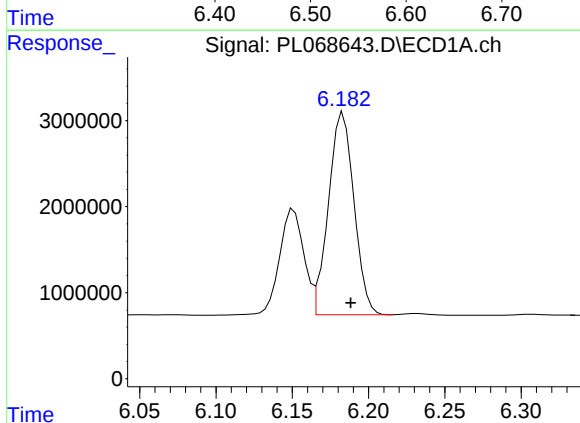
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



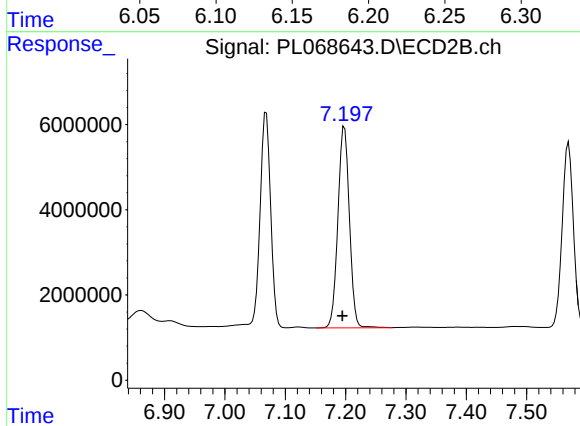
#3 gamma-BHC (Lindane)

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 62641206
Conc: 48.55 ng/ml



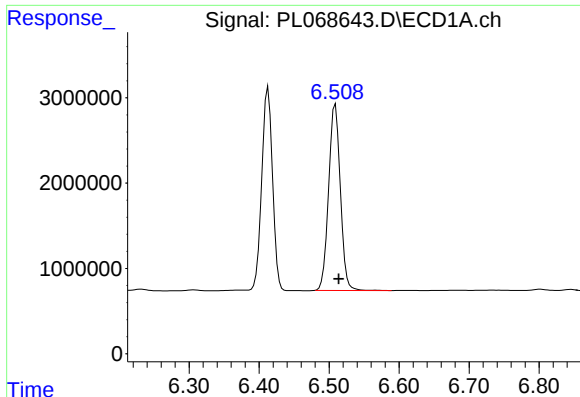
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 27387333
Conc: 44.93 ng/ml



#4 Heptachlor

R.T.: 7.198 min
Delta R.T.: 0.003 min
Response: 62688011
Conc: 48.10 ng/ml



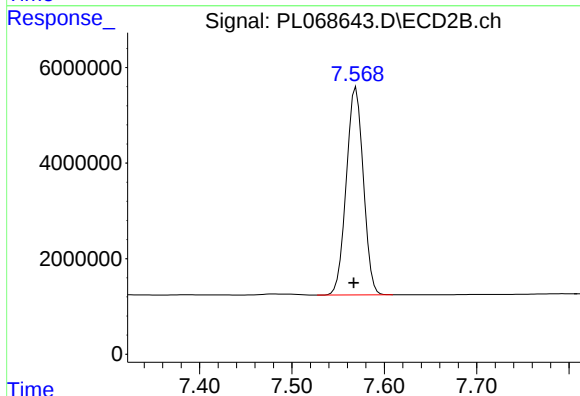
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.005 min
Response: 25430259
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

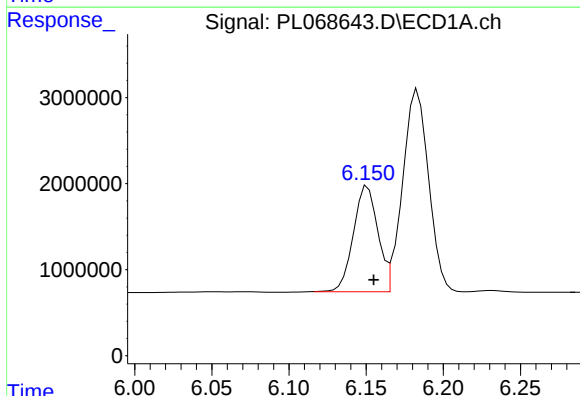
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



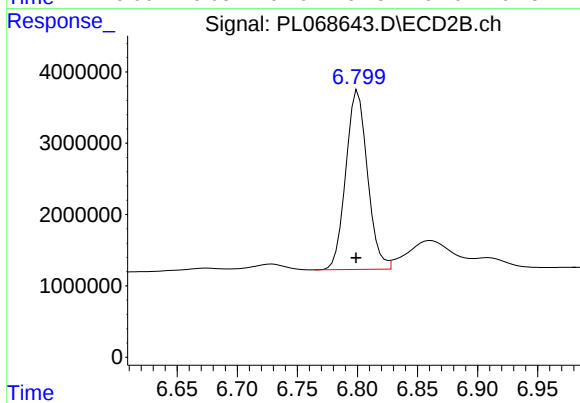
#5 Aldrin

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 55630725
Conc: 46.89 ng/ml



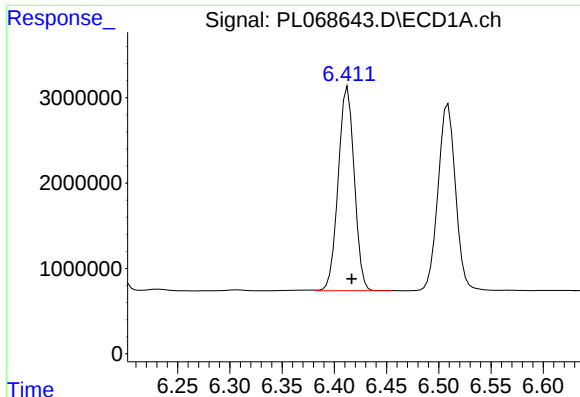
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 13533759
Conc: 46.25 ng/ml



#6 beta-BHC

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 31535685
Conc: 44.64 ng/ml



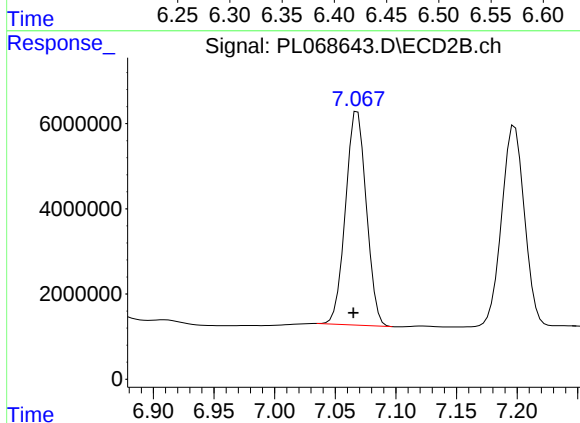
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.004 min
Response: 25525479
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

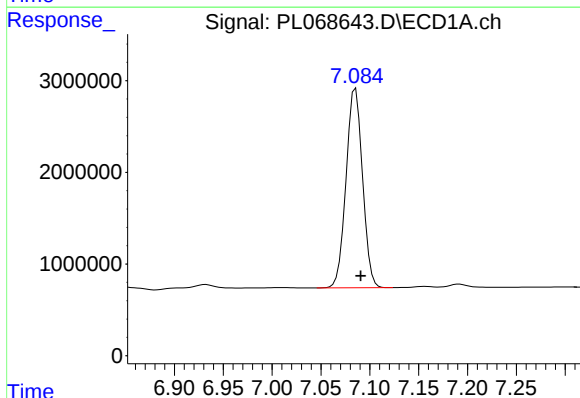
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



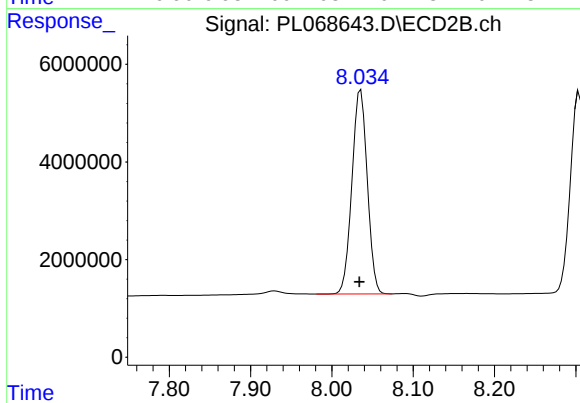
#7 delta-BHC

R.T.: 7.068 min
Delta R.T.: 0.004 min
Response: 59875200
Conc: 48.87 ng/ml



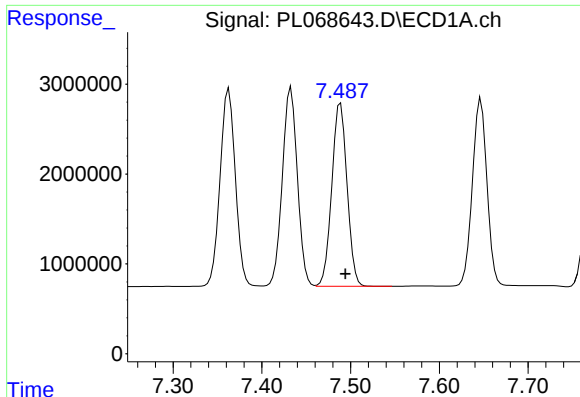
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 25535722
Conc: 45.96 ng/ml



#8 Heptachlor epoxide

R.T.: 8.036 min
Delta R.T.: 0.002 min
Response: 54680390
Conc: 48.36 ng/ml



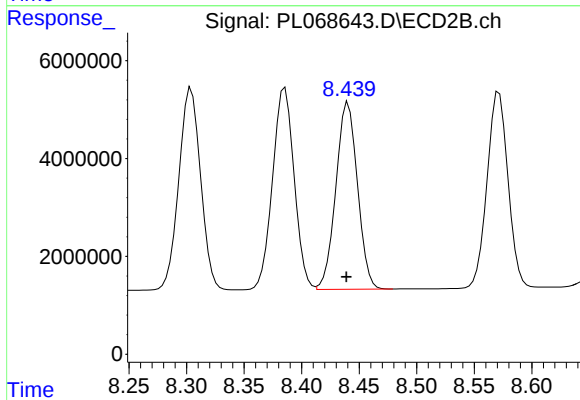
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.006 min
Response: 24391957
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

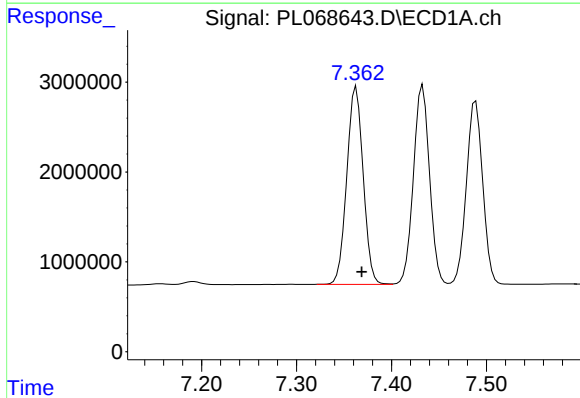
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



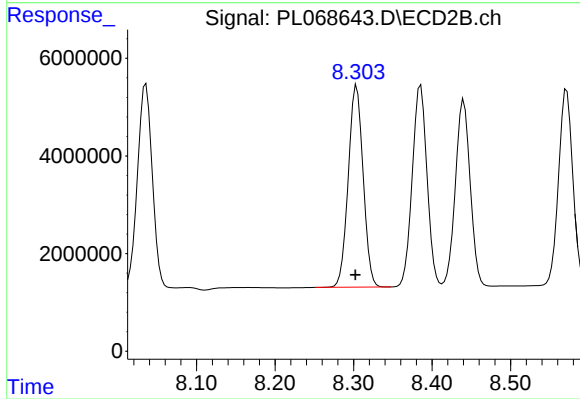
#9 Endosulfan I

R.T.: 8.440 min
Delta R.T.: 0.001 min
Response: 50046106
Conc: 48.61 ng/ml



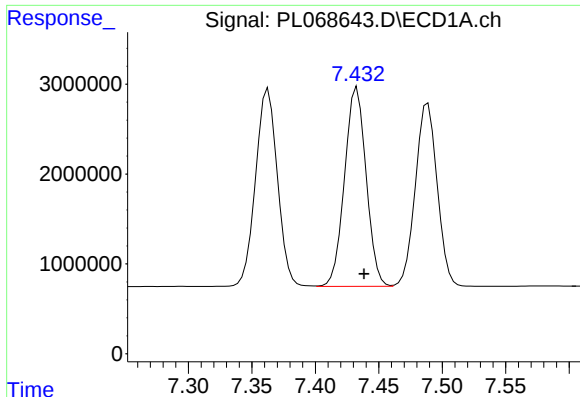
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 26383582
Conc: 45.98 ng/ml



#10 gamma-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.002 min
Response: 54490543
Conc: 48.38 ng/ml



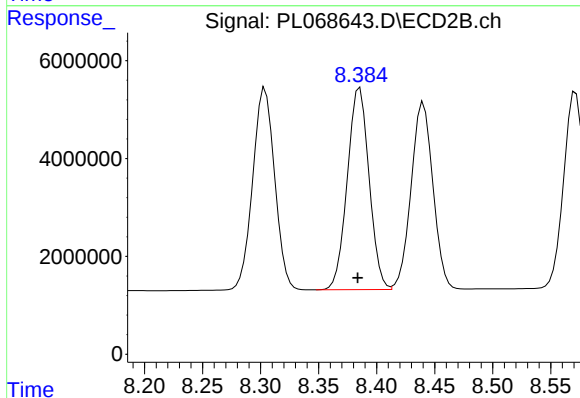
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 26214625
Conc: 45.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

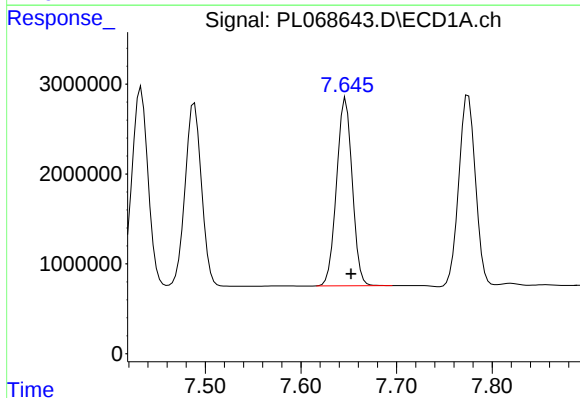
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



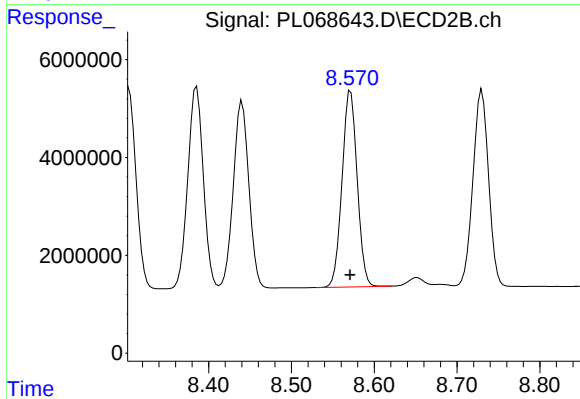
#11 alpha-Chlordane

R.T.: 8.386 min
Delta R.T.: 0.002 min
Response: 53886607
Conc: 47.91 ng/ml



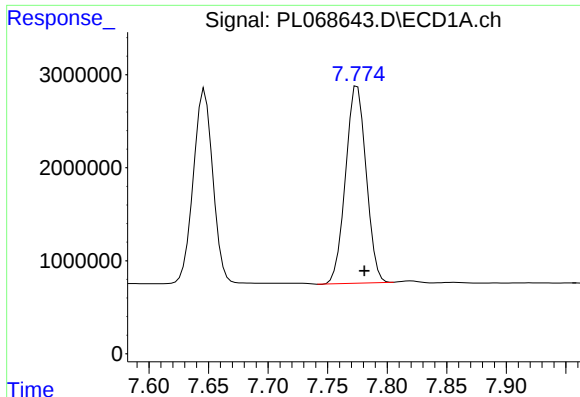
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.006 min
Response: 23753751
Conc: 47.14 ng/ml



#12 4,4'-DDE

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 50914231
Conc: 49.40 ng/ml



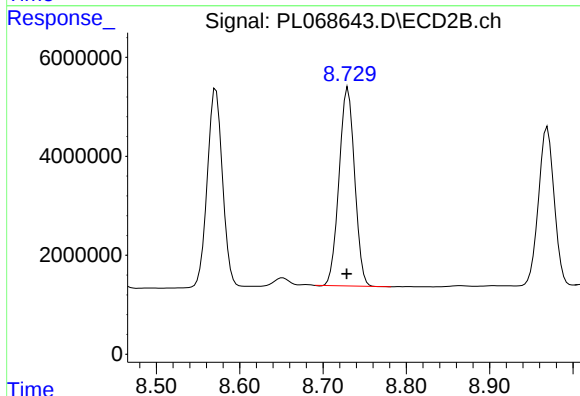
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 25484538
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

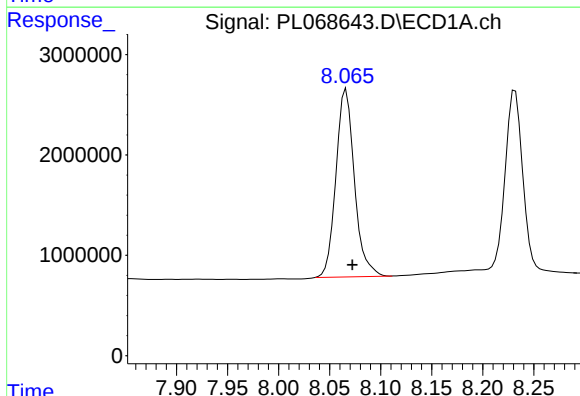
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



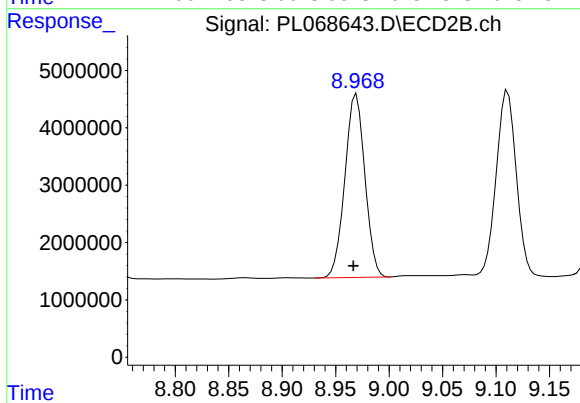
#13 Dieldrin

R.T.: 8.730 min
Delta R.T.: 0.002 min
Response: 51939201
Conc: 48.97 ng/ml



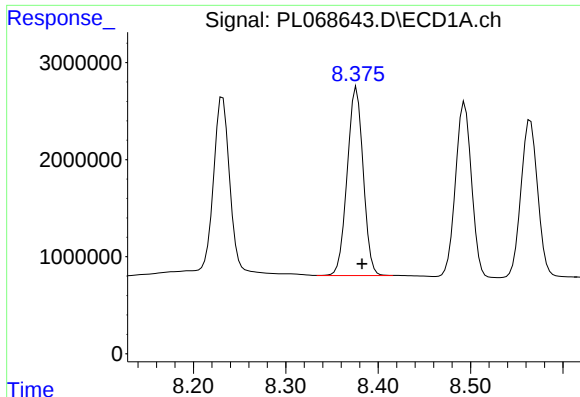
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.006 min
Response: 23604117
Conc: 47.20 ng/ml



#14 Endrin

R.T.: 8.969 min
Delta R.T.: 0.003 min
Response: 41639628
Conc: 46.57 ng/ml



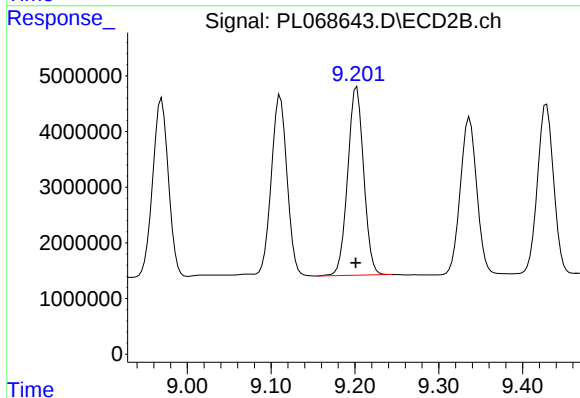
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: -0.007 min
Response: 23336275
Conc: 47.27 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB138114BS

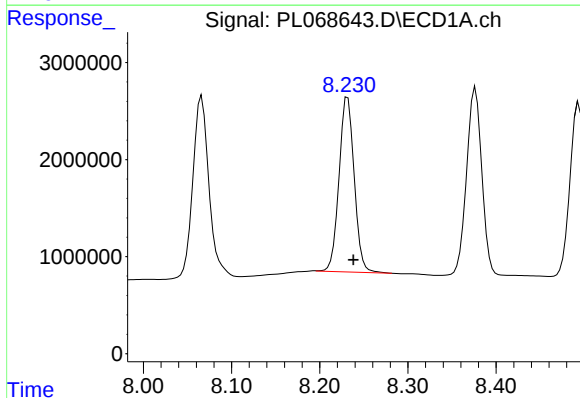
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



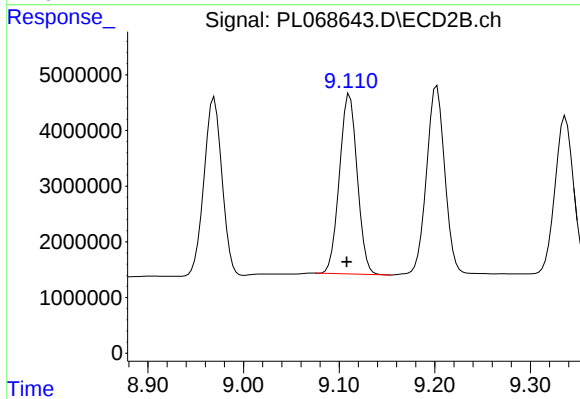
#15 Endosulfan II

R.T.: 9.202 min
Delta R.T.: 0.001 min
Response: 44852787
Conc: 49.48 ng/ml



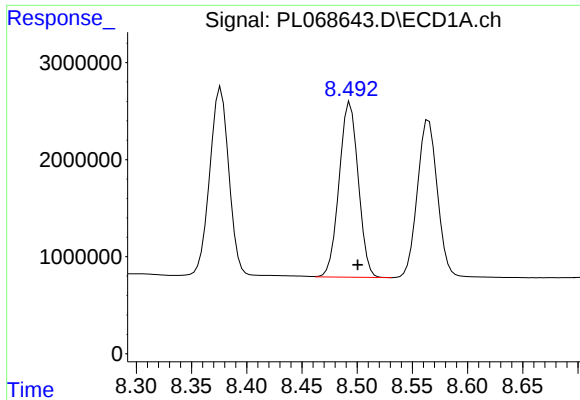
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: -0.008 min
Response: 21564024
Conc: 48.28 ng/ml m



#16 4,4'-DDD

R.T.: 9.111 min
Delta R.T.: 0.003 min
Response: 41870089
Conc: 49.17 ng/ml



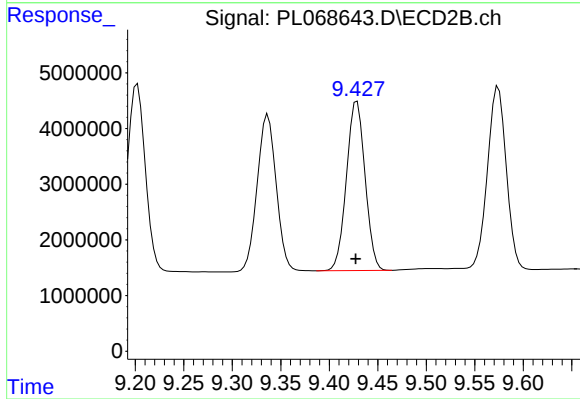
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 21762499
Conc: 43.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

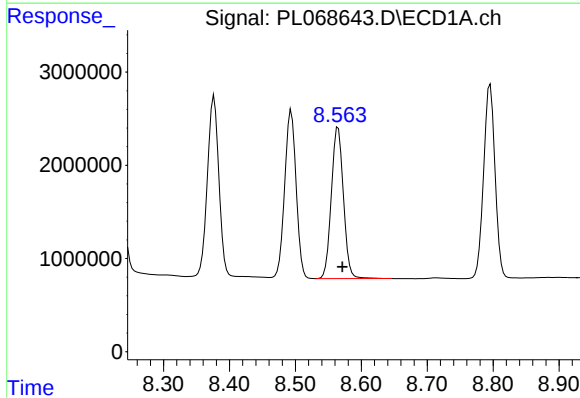
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



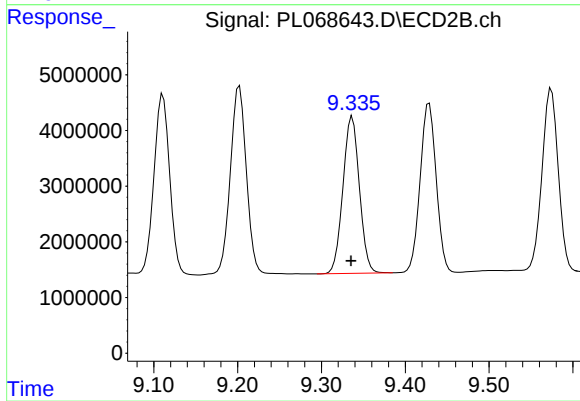
#17 4,4'-DDT

R.T.: 9.429 min
Delta R.T.: 0.002 min
Response: 40594845
Conc: 43.01 ng/ml



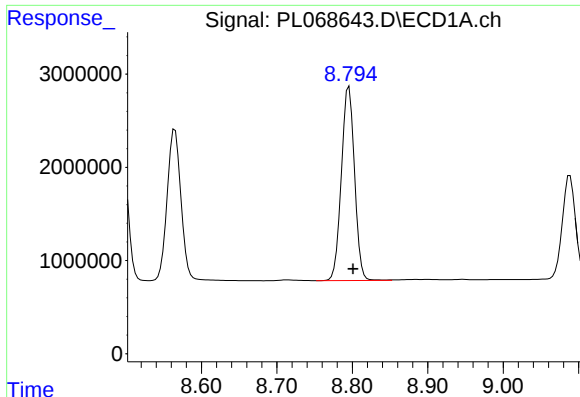
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.006 min
Response: 20567829
Conc: 51.92 ng/ml



#18 Endrin aldehyde

R.T.: 9.337 min
Delta R.T.: 0.001 min
Response: 38517421
Conc: 53.44 ng/ml



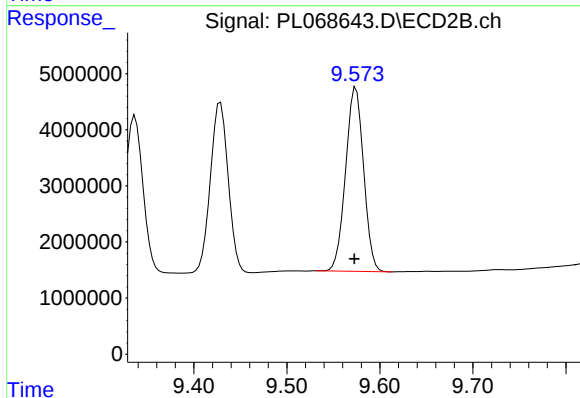
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 25271800
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

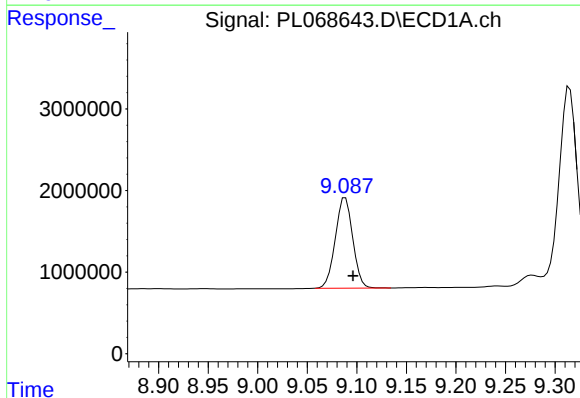
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



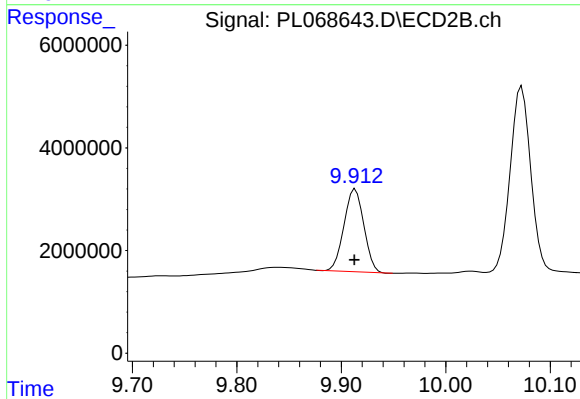
#19 Endosulfan Sulfate

R.T.: 9.574 min
Delta R.T.: 0.002 min
Response: 44058707
Conc: 48.93 ng/ml



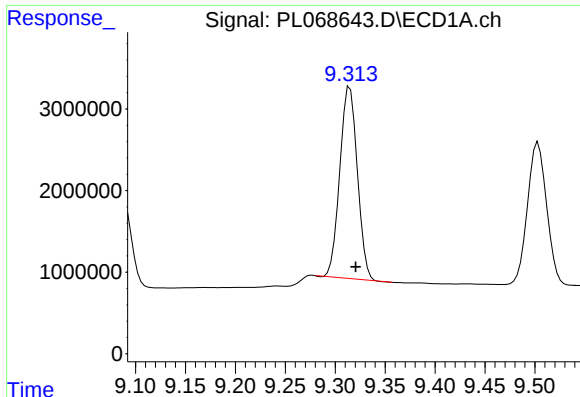
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.008 min
Response: 13553368
Conc: 43.33 ng/ml



#20 Methoxychlor

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 21320637
Conc: 41.97 ng/ml



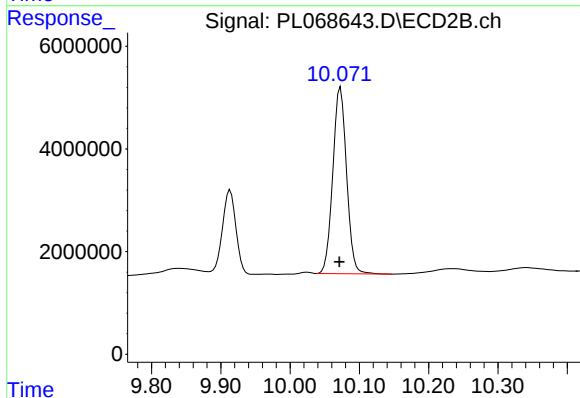
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.006 min
Response: 28628534
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

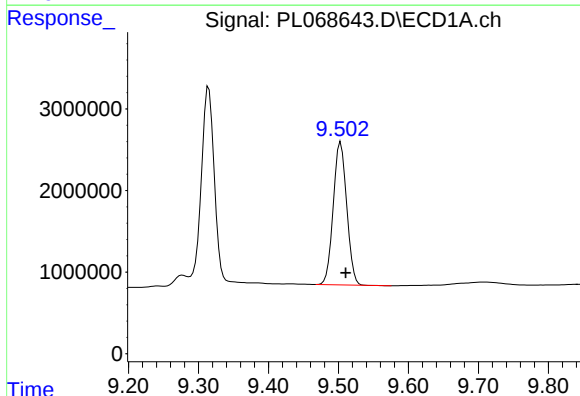
Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



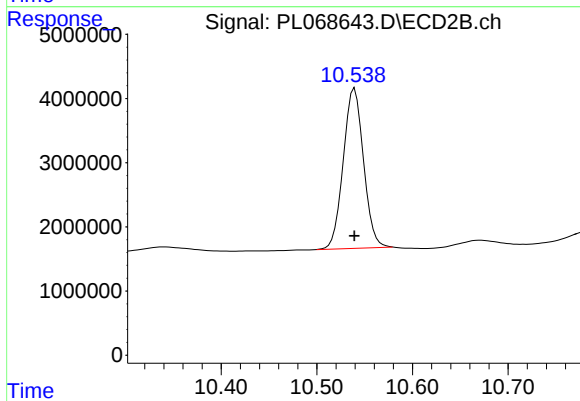
#21 Endrin ketone

R.T.: 10.073 min
Delta R.T.: 0.002 min
Response: 50137146
Conc: 50.27 ng/ml



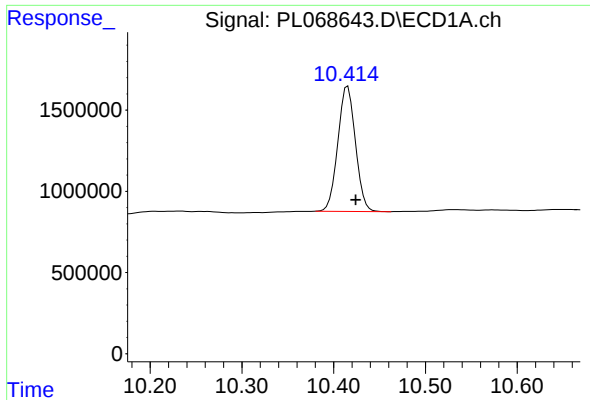
#22 Mirex

R.T.: 9.503 min
Delta R.T.: -0.007 min
Response: 23389152
Conc: 47.36 ng/ml



#22 Mirex

R.T.: 10.539 min
Delta R.T.: 0.000 min
Response: 36863779
Conc: 47.65 ng/ml



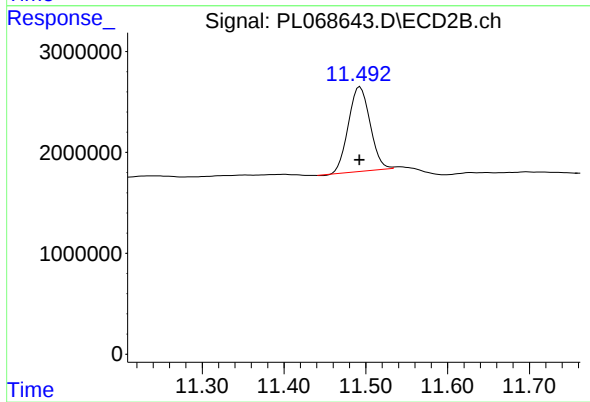
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.009 min
Response: 10270191
Conc: 18.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138114BS

Manual Integrations
APPROVED

mohammad
8/3/2021 8:27:32 AM



#28 Decachlorobiphenyl

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 15379069
Conc: 17.24 ng/ml