

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082321\
 Data File : PD065238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2021 13:41
 Operator : AR\AJ
 Sample : M3463-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SWCS-20-0003MS

Manual Integrations
 APPROVED

mohammad
 8/24/2021 3:29:16 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:15:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.498	4.012	7690946	61908942	7.482	7.816
28)	SA Decachlor...	8.246	9.087	4307331	16207668	3.802	3.425
Target Compounds							
2)	A alpha-BHC	3.938	4.407	66408939	518.1E6	46.402	44.601
3)	MA gamma-BHC...	4.222	4.694	62186889	482.3E6	45.327	45.532
4)	MA Heptachlor	4.521	5.199	58156492	434.8E6	44.651	43.371
5)	MB Aldrin	4.769	5.504	55021997	399.1E6	45.882	44.183
6)	B beta-BHC	4.470	4.870	29722846	210.9E6	45.241	46.629
7)	B delta-BHC	4.675	5.087	61356144	445.7E6	46.409	45.894
8)	B Heptachlo...	5.212	5.894	52759224	332.7E6	46.427	44.589
9)	A Endosulfan I	5.551	6.252	50424518	322.4E6	47.272	45.777
10)	B gamma-Chl...	5.437	6.128	53685915	346.3E6	47.481	45.294
11)	B alpha-Chl...	5.496	6.200	52729157	336.5E6	47.094	45.207
12)	B 4,4'-DDE	5.659	6.358	50522200	333.0E6	47.937	46.371
13)	MA Dieldrin	5.794	6.511	55830408	345.5E6	49.748	47.615
14)	MA Endrin	6.052	6.730	51833103	282.1E6	49.393	45.837
15)	B Endosulfa...	6.324	6.943	49504258	285.4E6	49.511	48.669
16)	A 4,4'-DDD	6.174	6.851	45574451	272.6E6	48.187	46.361m
17)	MA 4,4'-DDT	6.414	7.150	47222760	276.0E6	47.484	46.024
18)	B Endrin al...	6.493	7.067	43492353	249.2E6	52.559	53.428
19)	B Endosulfa...	6.703	7.290	53761253	287.8E6	50.627m	50.184
20)	A Methoxychlor	6.960	7.609	27852163	177.9E6	47.253m	58.776
21)	B Endrin ke...	7.199	7.764	63870849	319.2E6	50.100	49.118
22)	Mirex	7.384	8.212	48442738	213.6E6	47.506	47.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082321\
Data File : PD065238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2021 13:41
Operator : AR\AJ
Sample : M3463-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

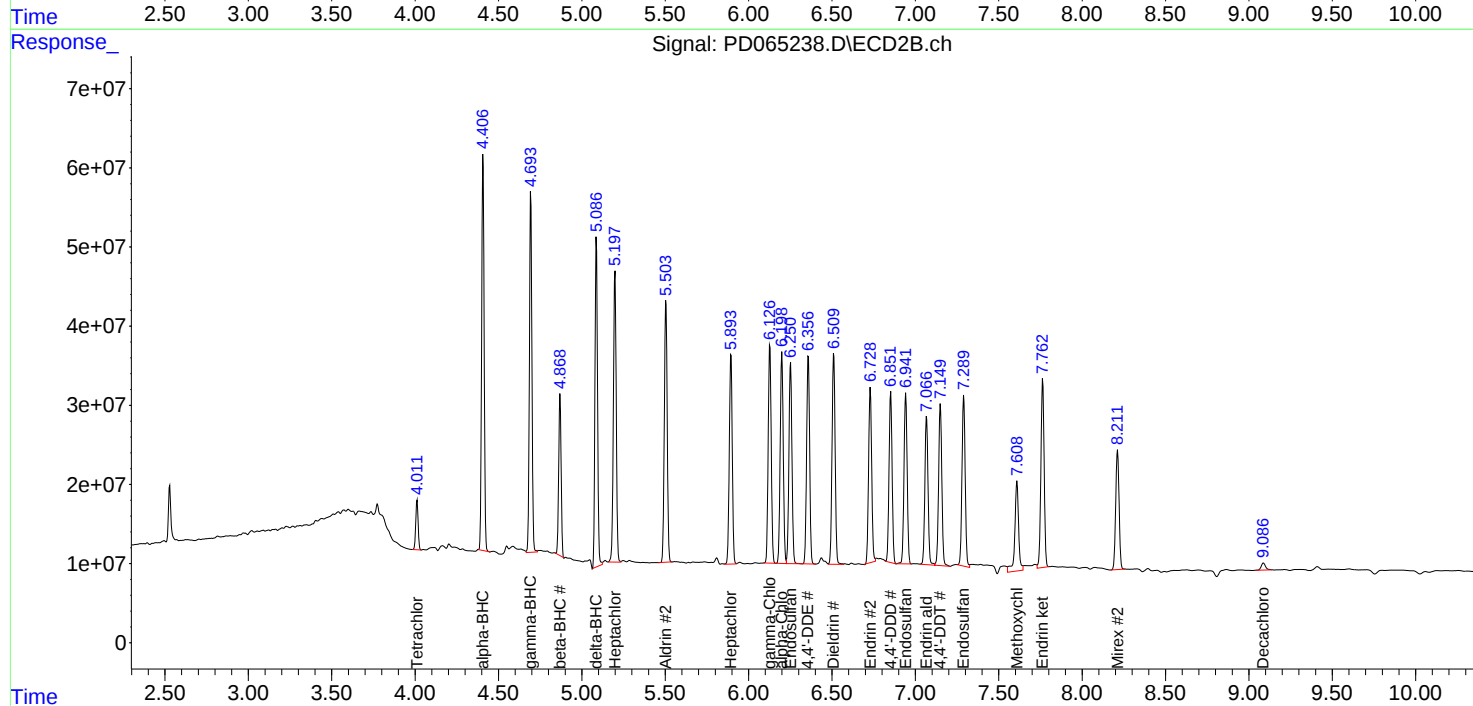
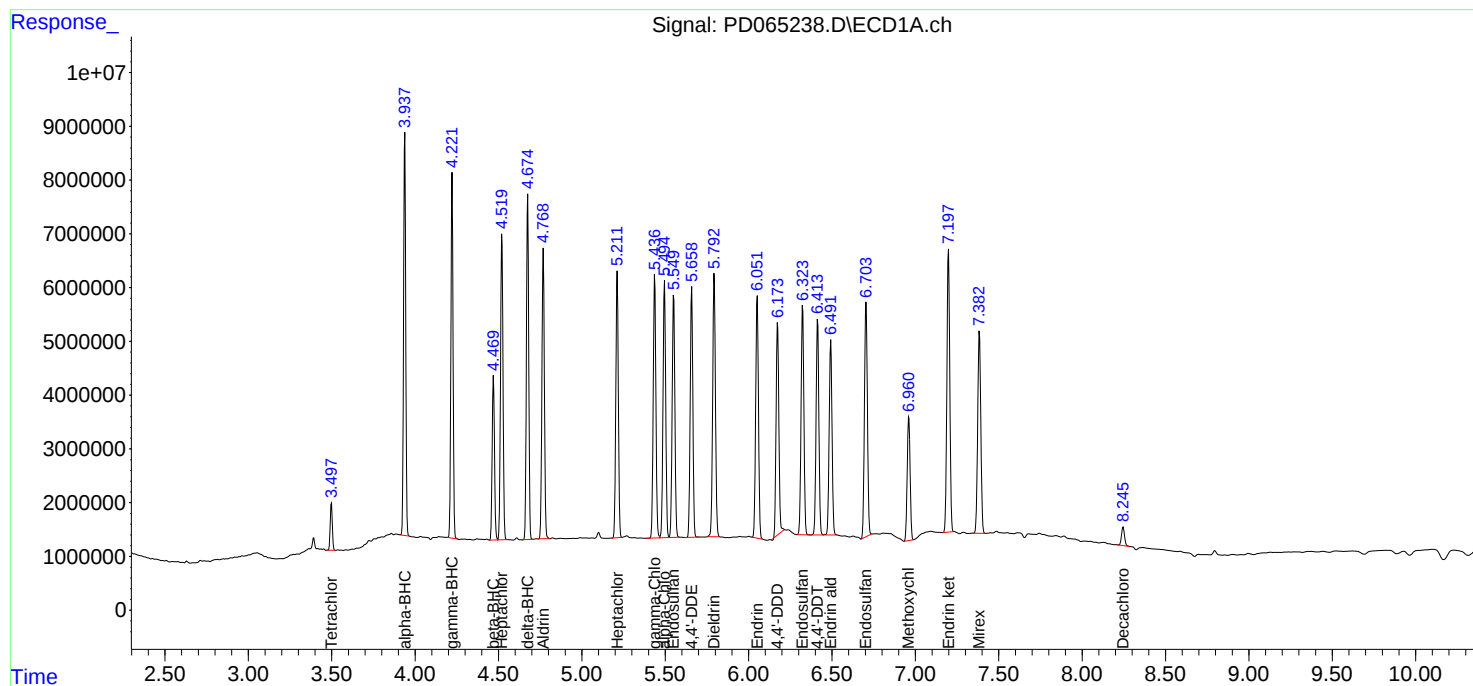
Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

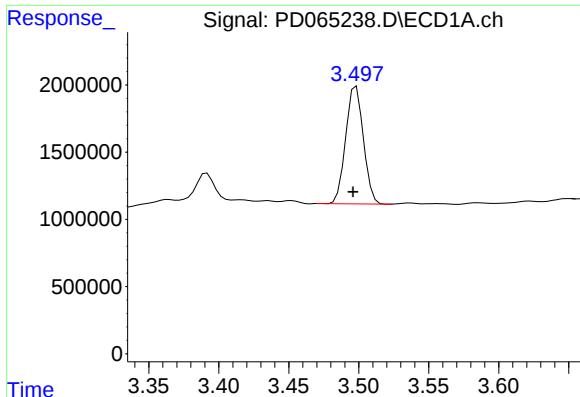
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:15:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
Response via : Initial Calibration
Integrator: ChemStation

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





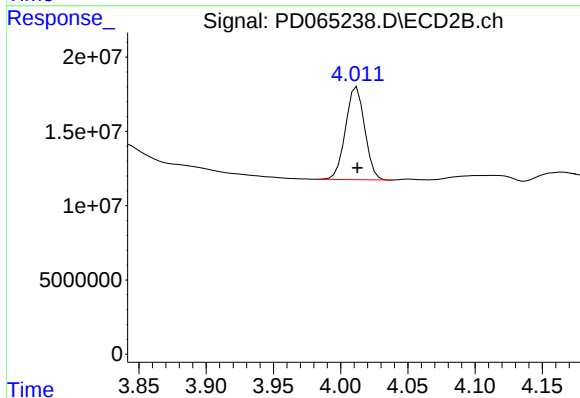
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.002 min
Response: 7690946
Conc: 7.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

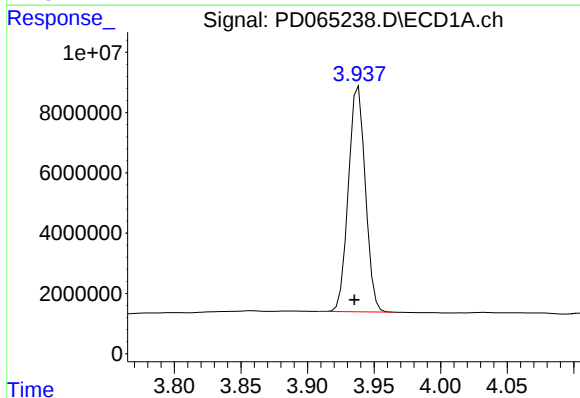
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



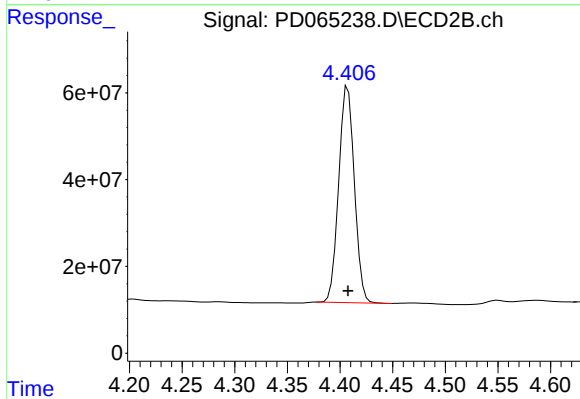
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 61908942
Conc: 7.82 ng/ml



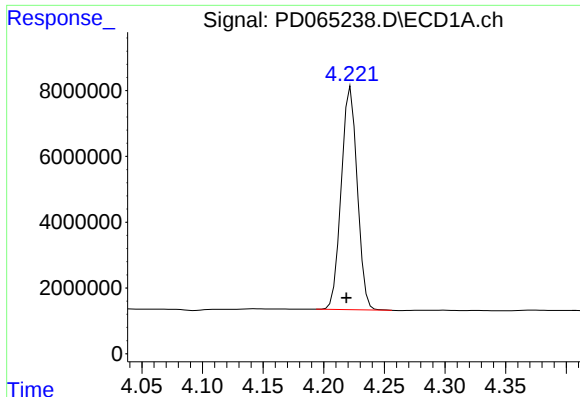
#2 alpha-BHC

R.T.: 3.938 min
Delta R.T.: 0.003 min
Response: 66408939
Conc: 46.40 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 518136477
Conc: 44.60 ng/ml



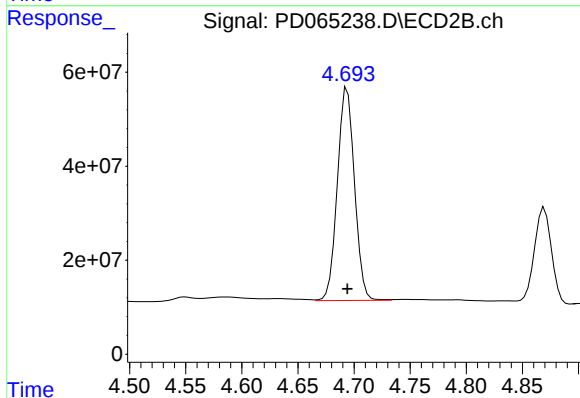
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.004 min
Response: 62186889
Conc: 45.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

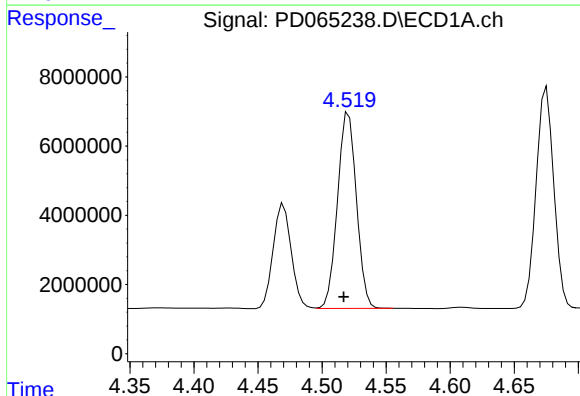
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



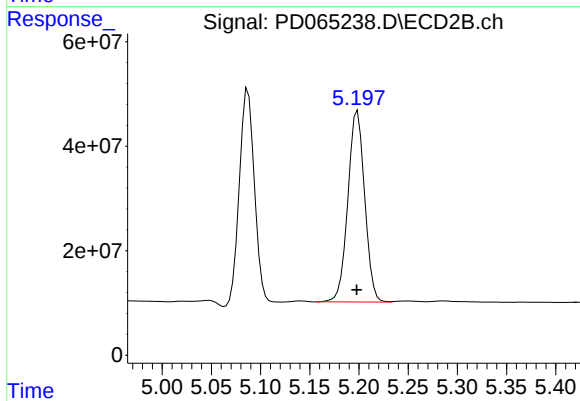
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 482334620
Conc: 45.53 ng/ml



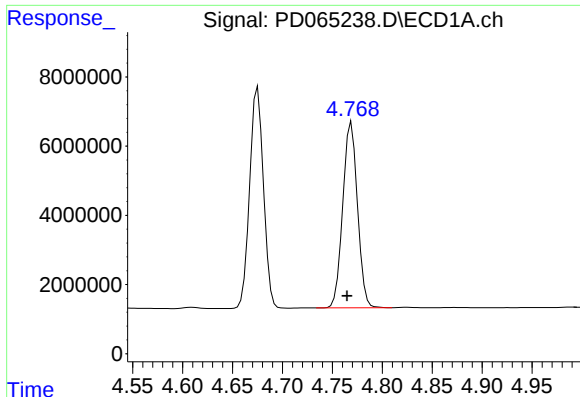
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.004 min
Response: 58156492
Conc: 44.65 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 434841237
Conc: 43.37 ng/ml



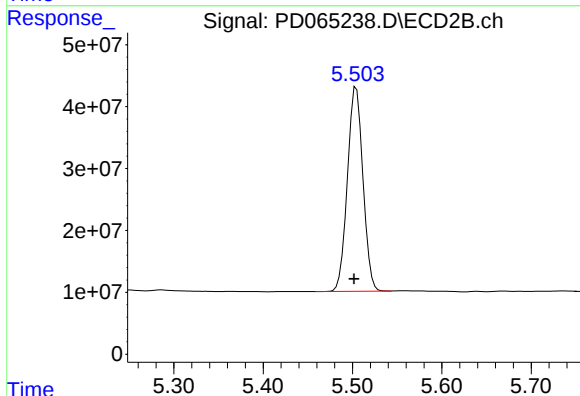
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.004 min
Response: 55021997
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

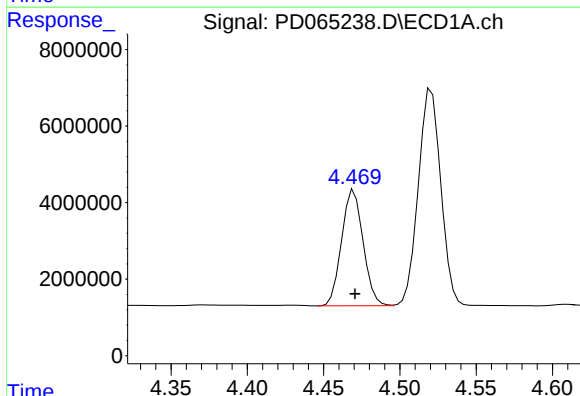
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



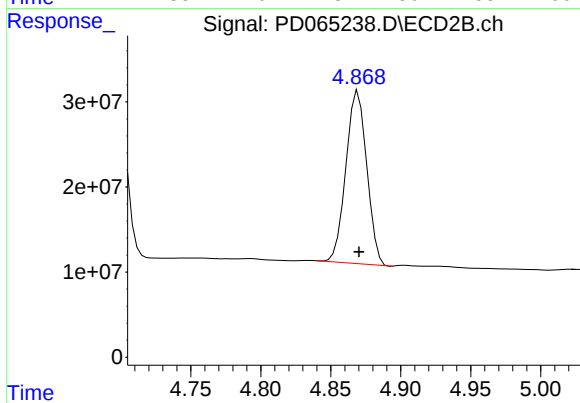
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 399099800
Conc: 44.18 ng/ml



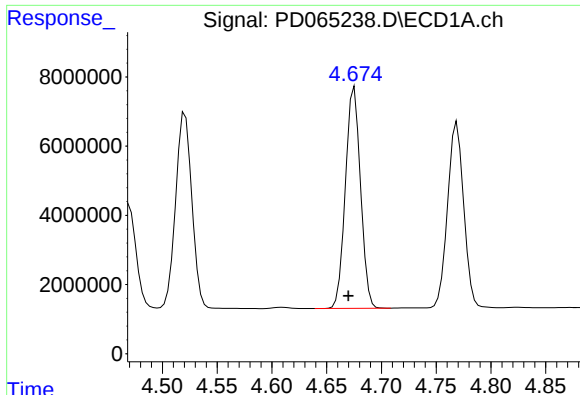
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 29722846
Conc: 45.24 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 210945187
Conc: 46.63 ng/ml



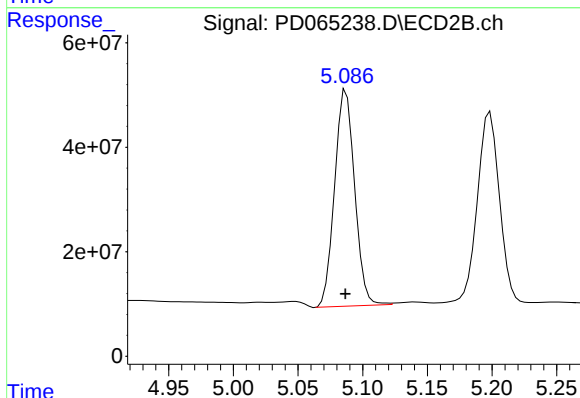
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 61356144
Conc: 46.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

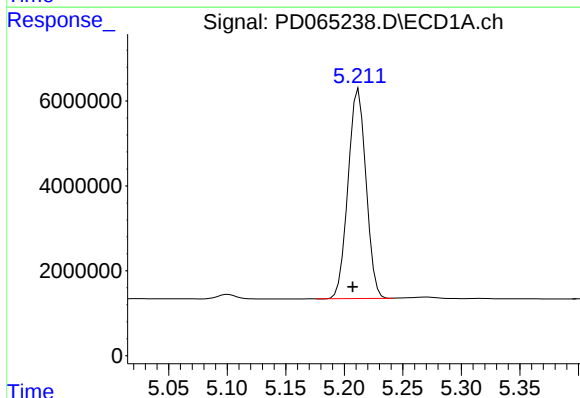
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



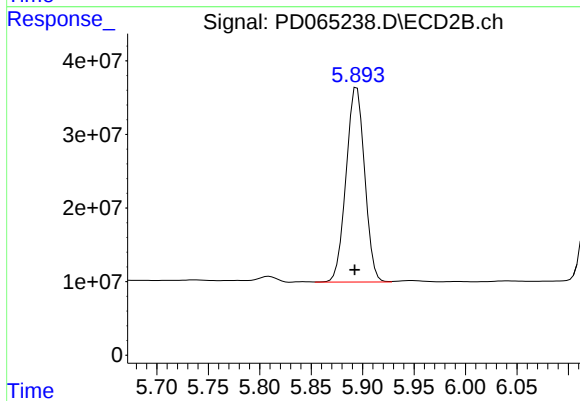
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 445698389
Conc: 45.89 ng/ml



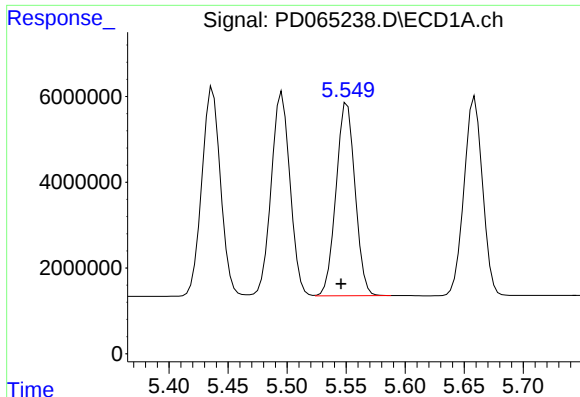
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.005 min
Response: 52759224
Conc: 46.43 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 332651183
Conc: 44.59 ng/ml



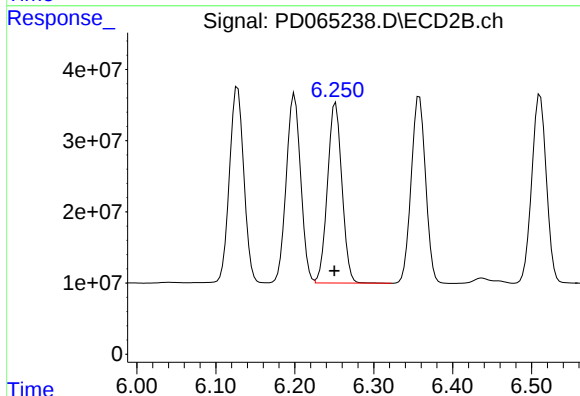
#9 Endosulfan I

R.T.: 5.551 min
Delta R.T.: 0.005 min
Response: 50424518
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

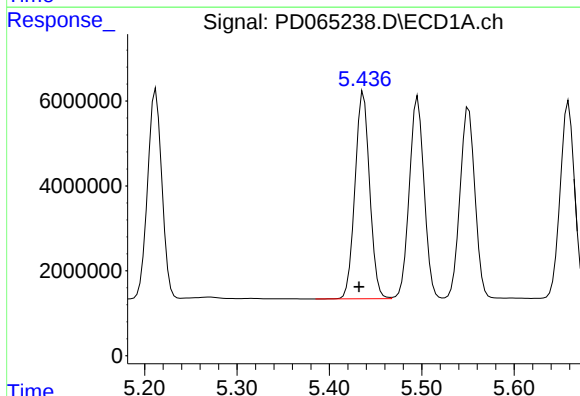
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



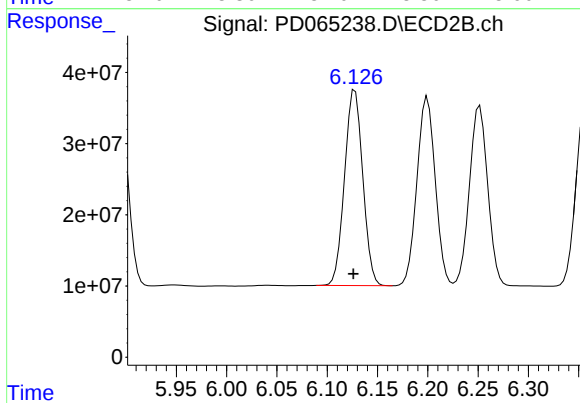
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 322388324
Conc: 45.78 ng/ml



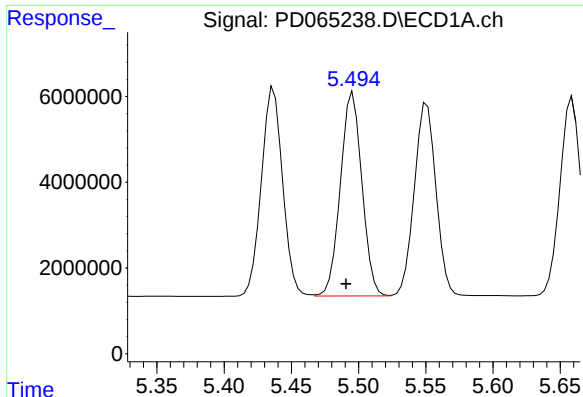
#10 gamma-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.005 min
Response: 53685915
Conc: 47.48 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 346324264
Conc: 45.29 ng/ml



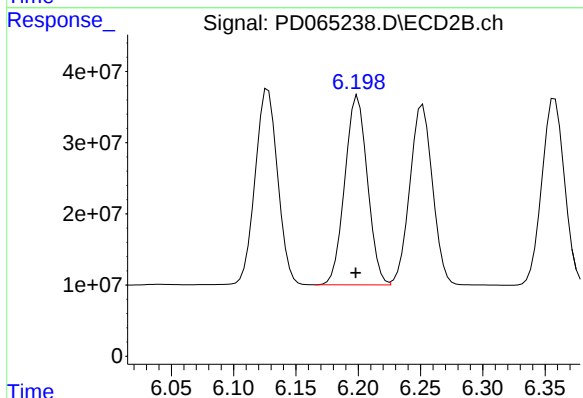
#11 alpha-Chlordane

R.T.: 5.496 min
Delta R.T.: 0.005 min
Response: 52729157
Conc: 47.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

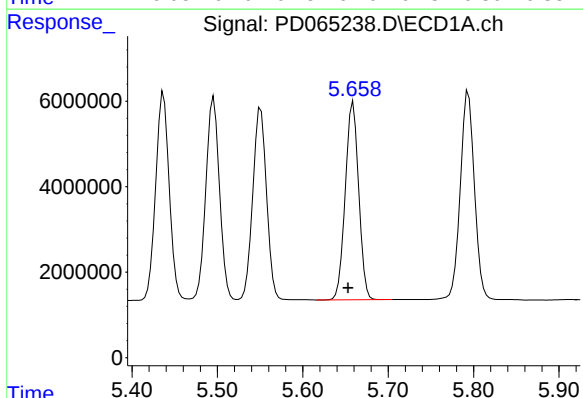
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



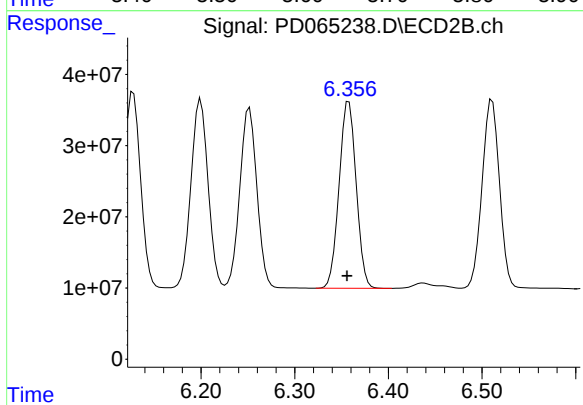
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 336548395
Conc: 45.21 ng/ml



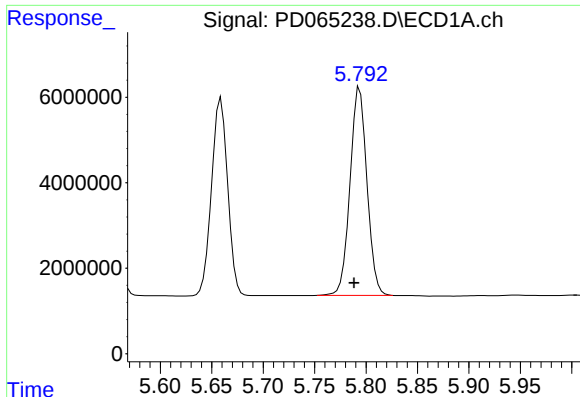
#12 4,4'-DDE

R.T.: 5.659 min
Delta R.T.: 0.006 min
Response: 50522200
Conc: 47.94 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 332975522
Conc: 46.37 ng/ml



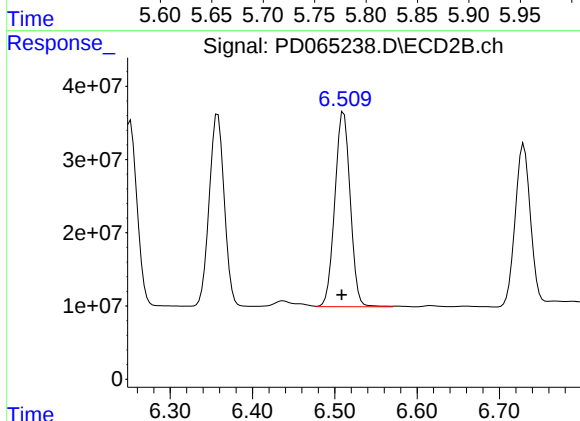
#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: 0.006 min
Response: 55830408
Conc: 49.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

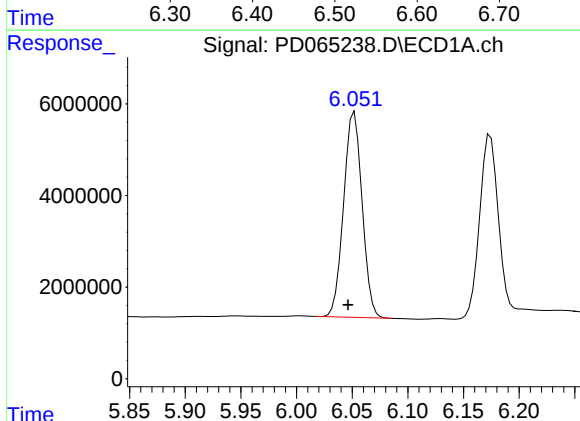
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



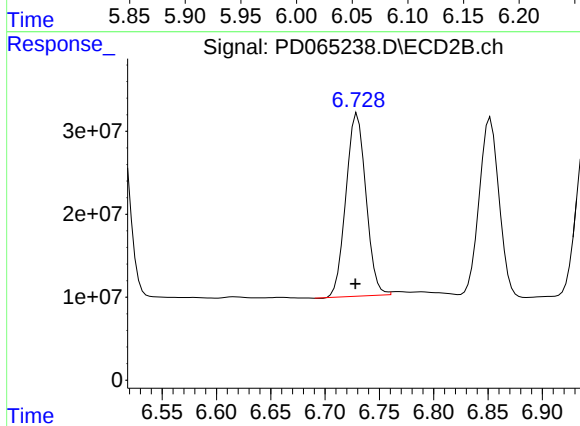
#13 Dieldrin

R.T.: 6.511 min
Delta R.T.: 0.002 min
Response: 345505529
Conc: 47.62 ng/ml



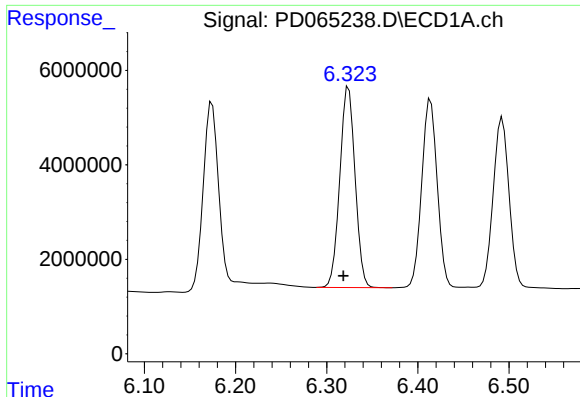
#14 Endrin

R.T.: 6.052 min
Delta R.T.: 0.006 min
Response: 51833103
Conc: 49.39 ng/ml



#14 Endrin

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 282116553
Conc: 45.84 ng/ml



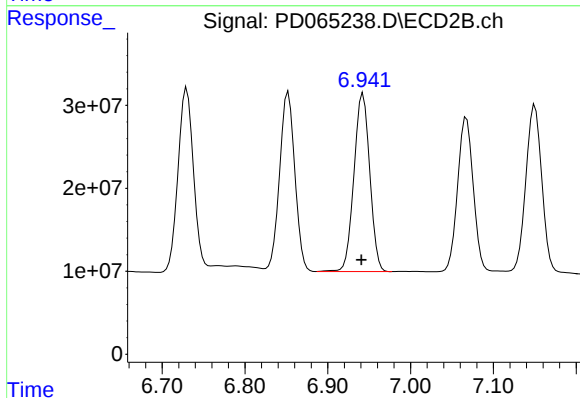
#15 Endosulfan II

R.T.: 6.324 min
Delta R.T.: 0.006 min
Response: 49504258
Conc: 49.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

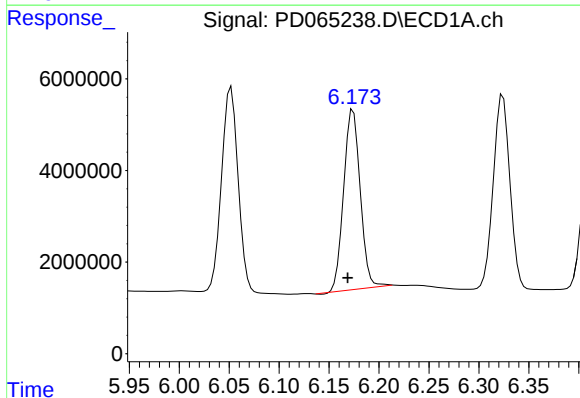
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



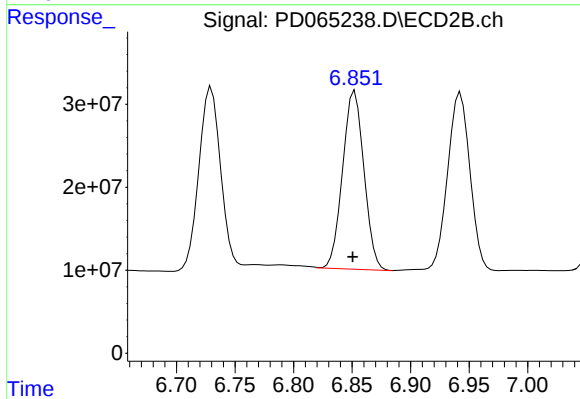
#15 Endosulfan II

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 285388460
Conc: 48.67 ng/ml



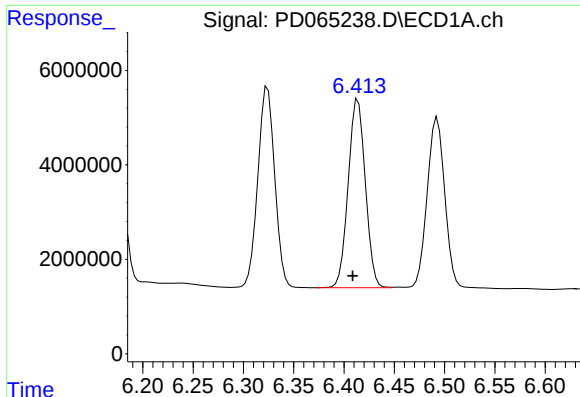
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 45574451
Conc: 48.19 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 272618488
Conc: 46.36 ng/ml m



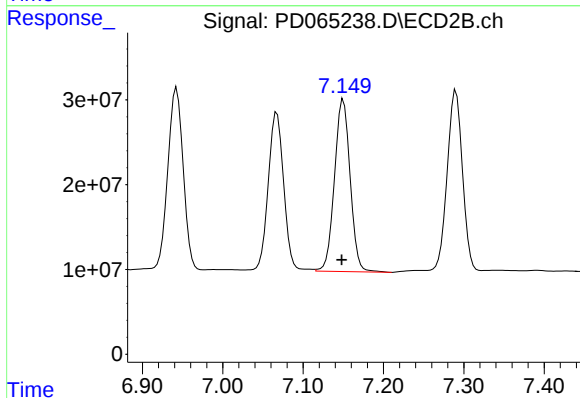
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: 0.005 min
Response: 47222760
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

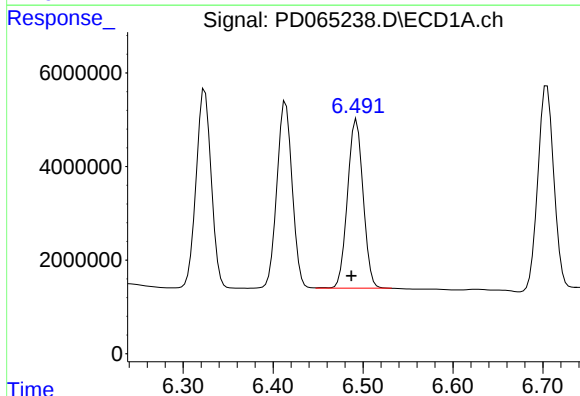
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



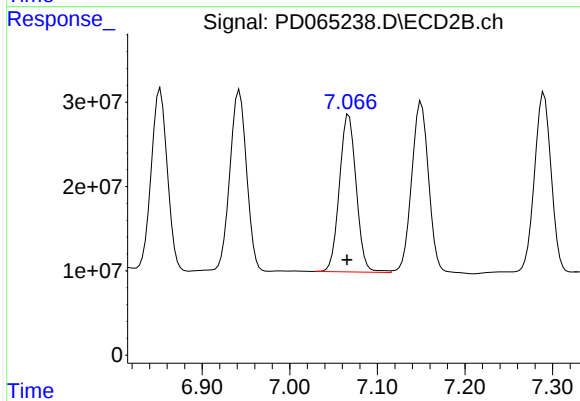
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 276003093
Conc: 46.02 ng/ml



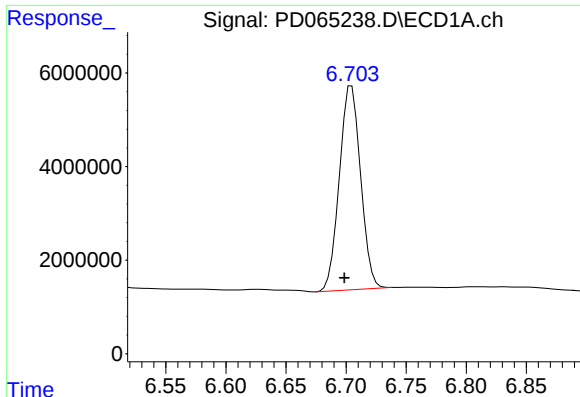
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.006 min
Response: 43492353
Conc: 52.56 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: 0.002 min
Response: 249207726
Conc: 53.43 ng/ml



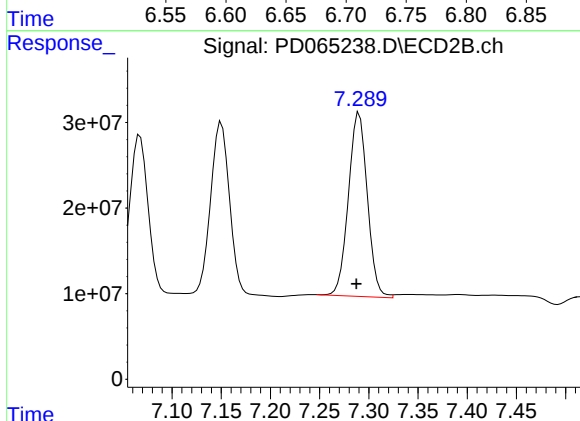
#19 Endosulfan Sulfate

R.T.: 6.703 min
Delta R.T.: 0.004 min
Response: 53761253
Conc: 50.63 ng/ml m

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

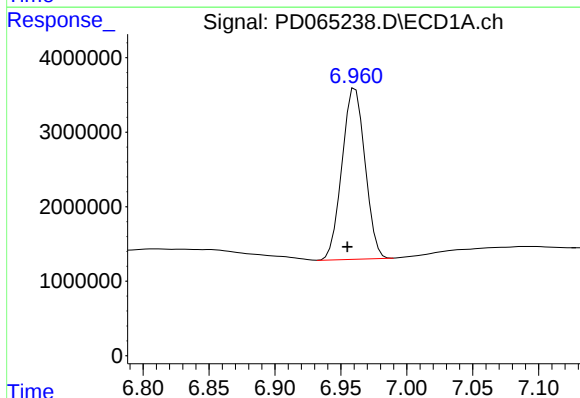
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



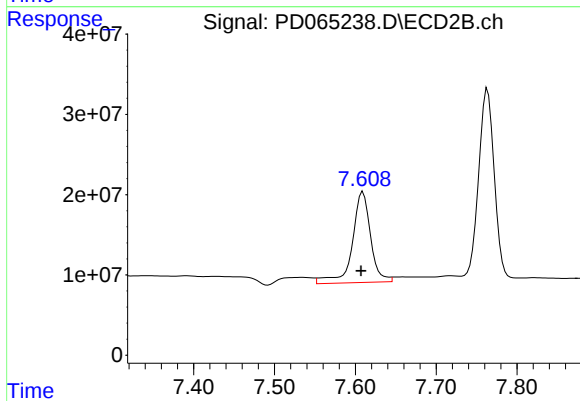
#19 Endosulfan Sulfate

R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 287786040
Conc: 50.18 ng/ml



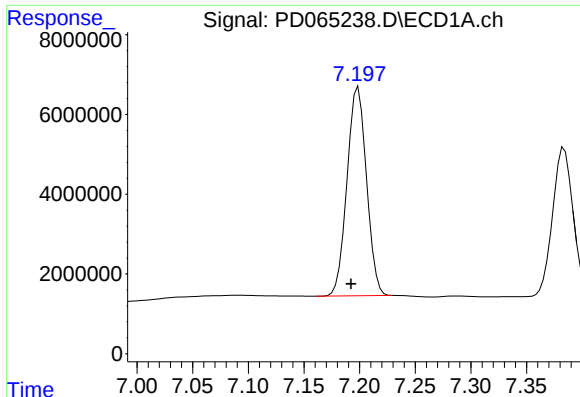
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: 0.005 min
Response: 27852163
Conc: 47.25 ng/ml m



#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 177862462
Conc: 58.78 ng/ml



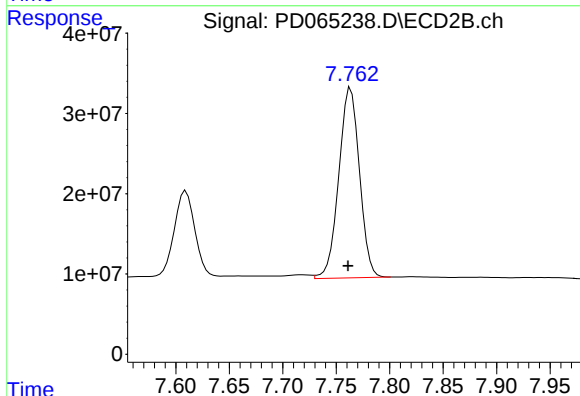
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 63870849
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

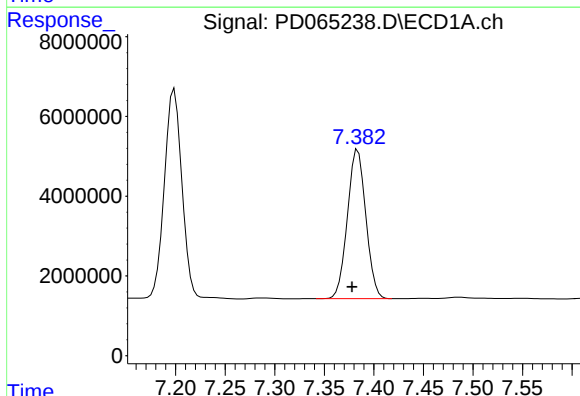
Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



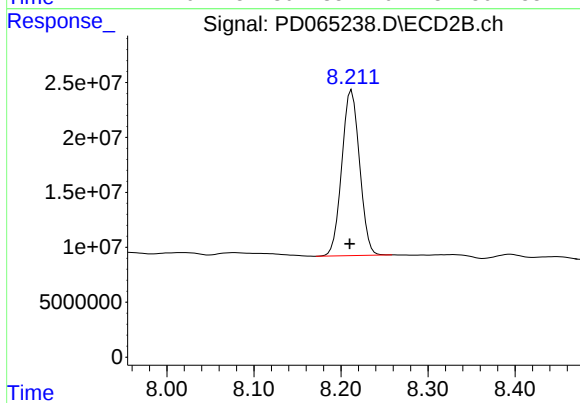
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 319203864
Conc: 49.12 ng/ml



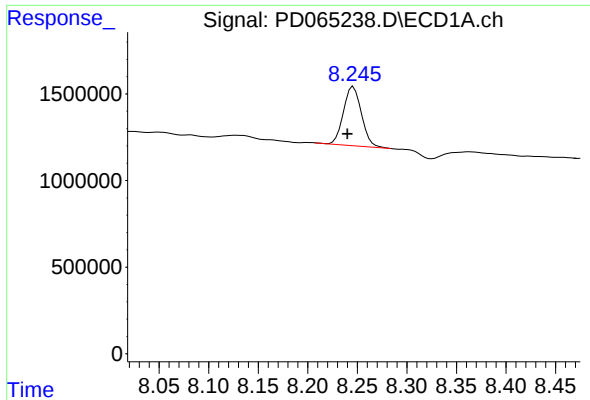
#22 Mirex

R.T.: 7.384 min
Delta R.T.: 0.006 min
Response: 48442738
Conc: 47.51 ng/ml



#22 Mirex

R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 213572950
Conc: 47.97 ng/ml



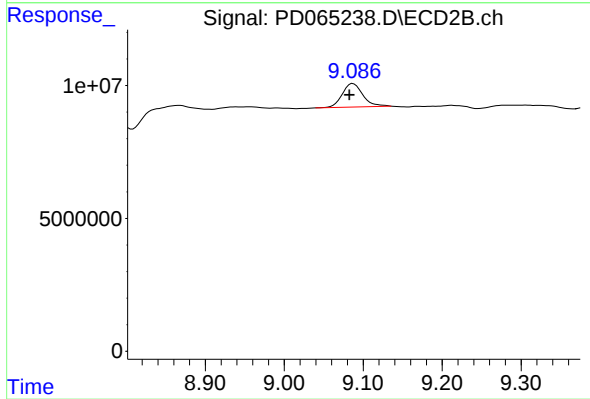
#28 Decachlorobiphenyl

R.T.: 8.246 min
Delta R.T.: 0.006 min
Response: 4307331
Conc: 3.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

Manual Integrations
APPROVED

mohammad
8/24/2021 3:29:16 PM



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.004 min
Response: 16207668
Conc: 3.42 ng/ml