

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021120\
 Data File : PL056464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2020 15:13
 Operator : AJ\MA
 Sample : PB126741BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126741BSD

Manual Integrations
 APPROVED

mohammad
 2/12/2020 12:33:17 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:24:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 2020
 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...	3.497	4.016	225.0E6	68248667	21.479	23.340
28)	SA Decachlor...	8.251	9.094	170.9E6	40074800	16.234	17.717
Target Compounds							
2)	A alpha-BHC	3.936	4.406	1002.8E6	267.6E6	56.273	61.140
3)	MA gamma-BHC...	4.220	4.690	940.7E6	250.4E6	57.449	61.058m
4)	MA Heptachlor	4.521	5.199	921.8E6	205.0E6	57.415	57.291
5)	MB Aldrin	4.770	5.504	855.5E6	198.0E6	52.590	56.349
6)	B beta-BHC	4.470	4.863	370.2E6	98069574	56.208	59.819
7)	B delta-BHC	4.676	5.080	899.5E6	219.3E6	56.105	68.368
8)	B Heptachlor...	5.213	5.892	855.5E6	190.2E6	55.623	61.105
9)	A Endosulfan I	5.553	6.250	794.2E6	177.4E6	54.726	59.275
10)	B gamma-Chl...	5.440	6.127	861.2E6	187.1E6	54.913	58.840
11)	B alpha-Chl...	5.498	6.199	841.2E6	186.1E6	54.684	58.706
12)	B 4,4'-DDE	5.661	6.358	794.5E6	174.8E6	54.820	58.365
13)	MA Dieldrin	5.796	6.508	851.4E6	186.2E6	55.355	59.991
14)	MA Endrin	6.053	6.726	747.5E6	153.2E6	53.197	58.453
15)	B Endosulfa...	6.326	6.936	669.2E6	156.1E6	51.172	57.985
16)	A 4,4'-DDD	6.177	6.850	638.5E6	146.4E6	59.404	62.065
17)	MA 4,4'-DDT	6.418	7.148	567.4E6	123.3E6	51.922	53.711
18)	B Endrin al...	6.494	7.061	568.3E6	130.0E6	51.946	57.256
19)	B Endosulfa...	6.707	7.285	620.1E6	142.2E6	51.004	56.203
20)	A Methoxychlor	6.963	7.608	276.9E6	65562807	52.133	53.473
21)	B Endrin ke...	7.199	7.756	656.3E6	152.8E6	50.160	57.308
22)	Mirex	7.389	8.210	356.6E6	82881476	38.592	45.594

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021120\
Data File : PL056464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 15:13
Operator : AJ\MA
Sample : PB126741BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

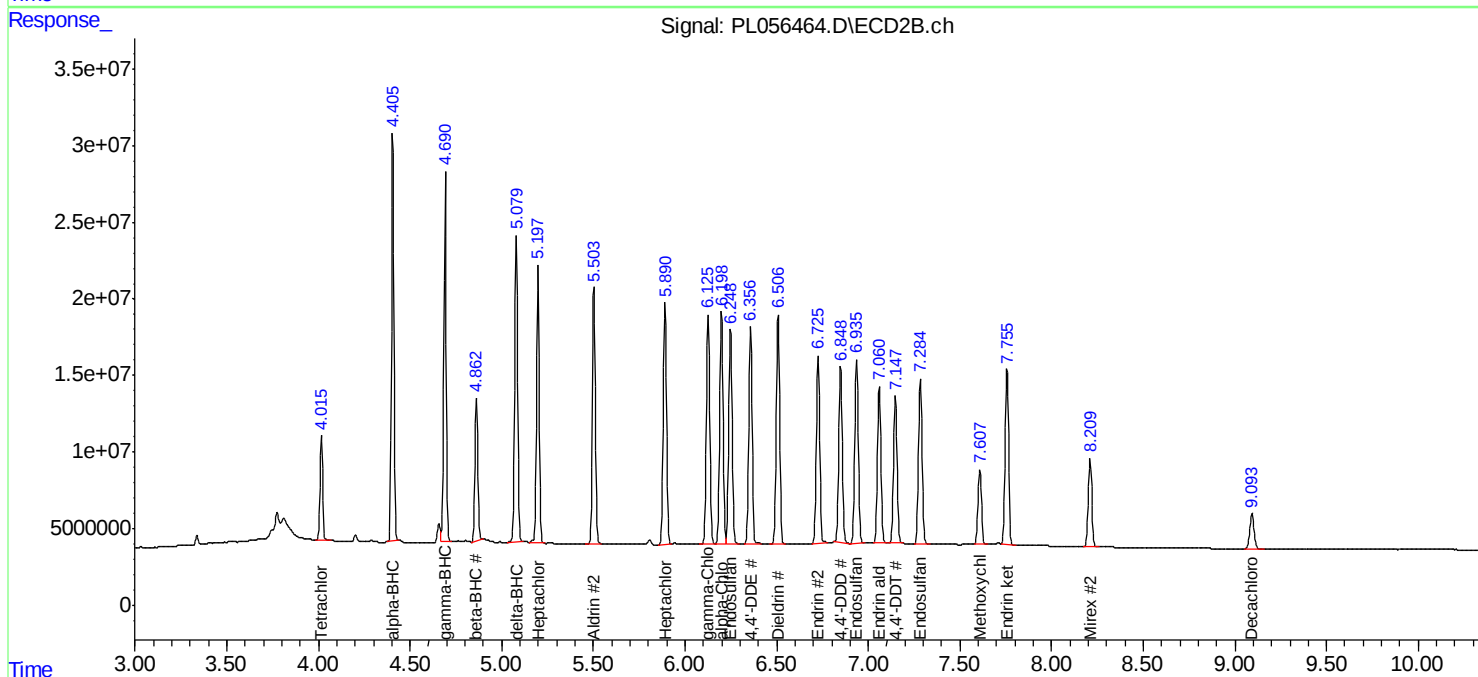
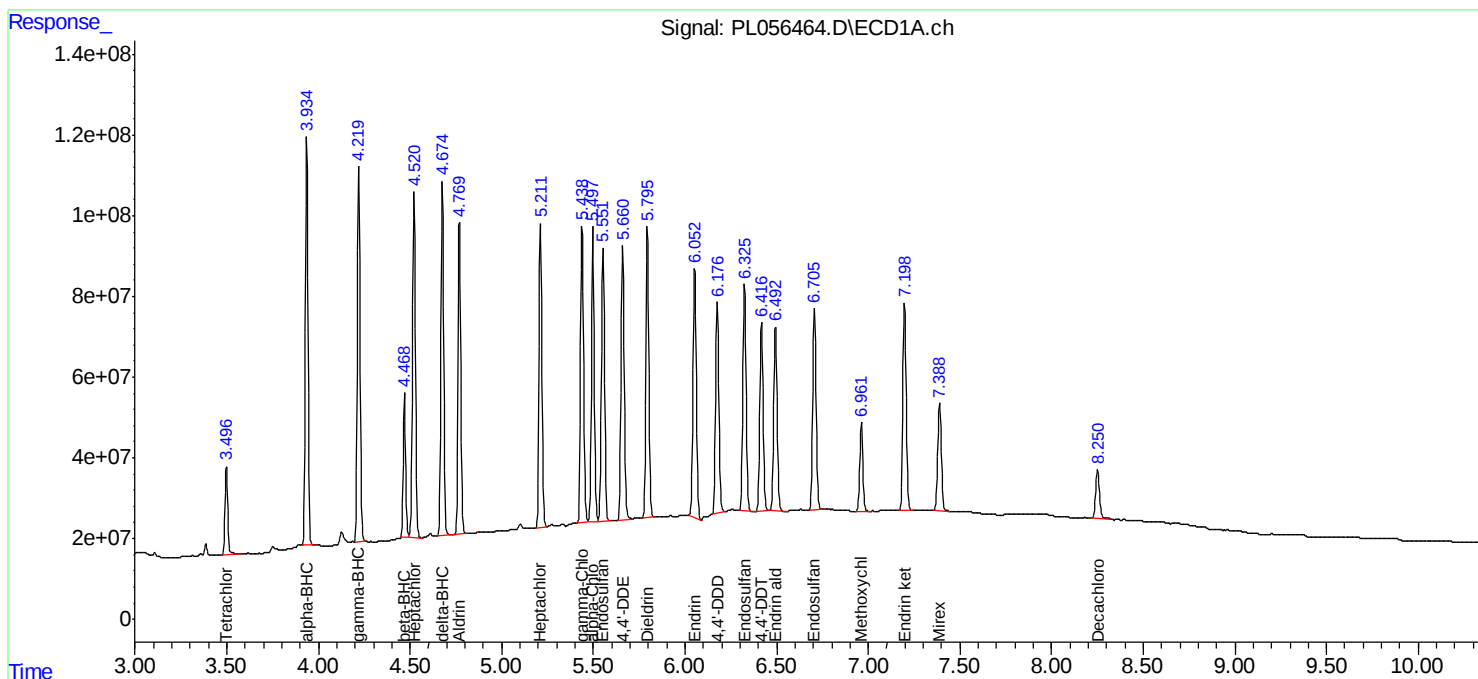
Instrument :
ECD_L
ClientSampleId :
PB126741BSD

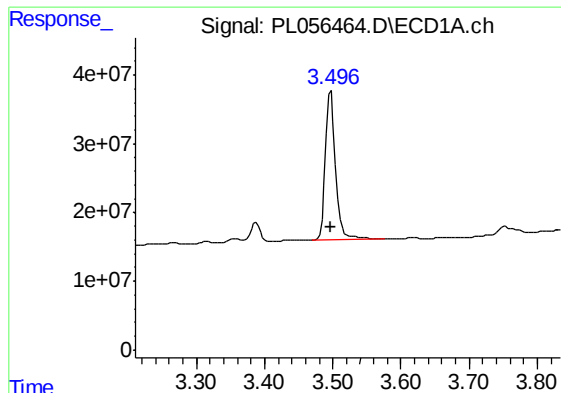
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:24:31 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 2020
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





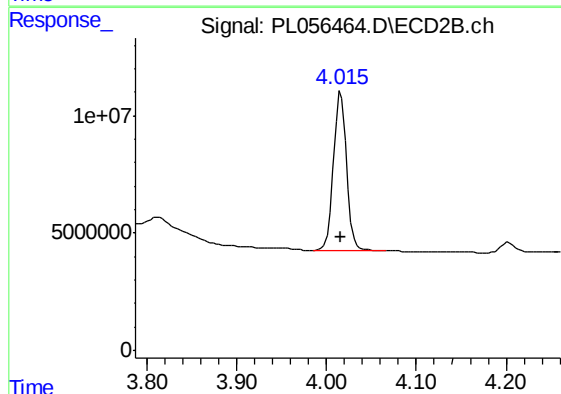
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 224953189
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

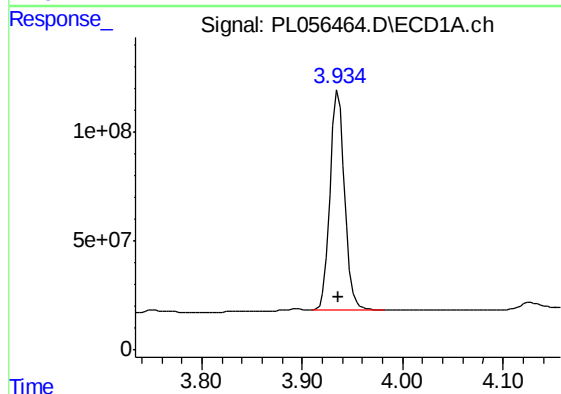
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



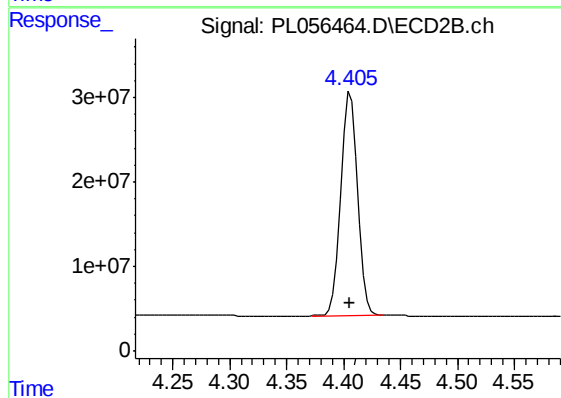
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 68248667
Conc: 23.34 ng/ml



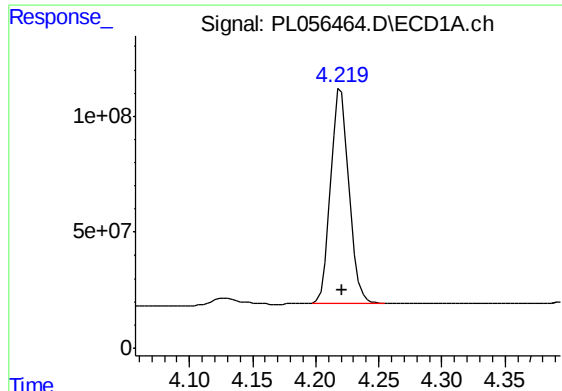
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 1002788132
Conc: 56.27 ng/ml



#2 alpha-BHC

R.T.: 4.406 min
Delta R.T.: 0.001 min
Response: 267620672
Conc: 61.14 ng/ml



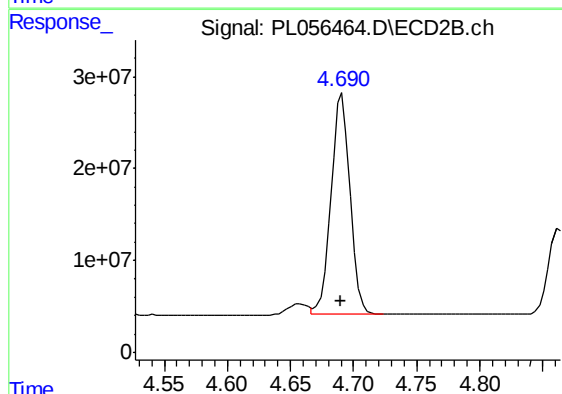
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 940669175
Conc: 57.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

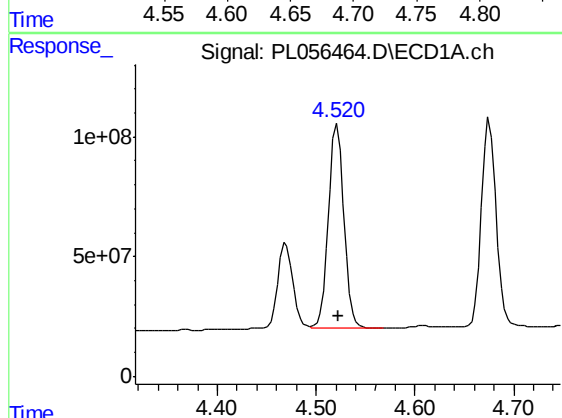
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



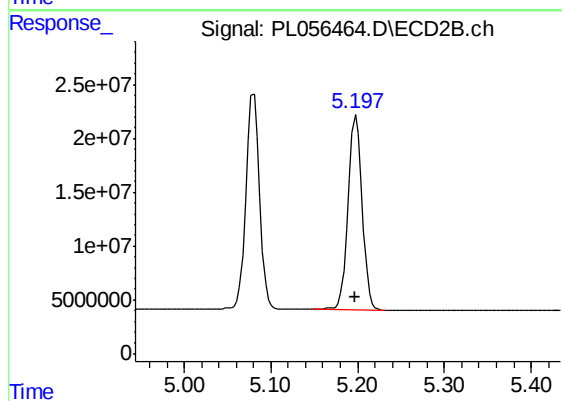
#3 gamma-BHC (Lindane)

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 250385103
Conc: 61.06 ng/ml m



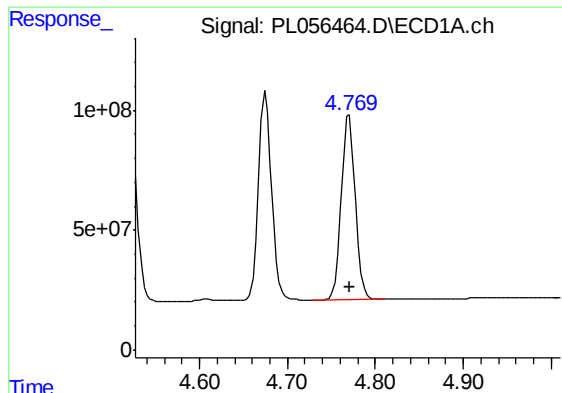
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 921770838
Conc: 57.41 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.002 min
Response: 204970320
Conc: 57.29 ng/ml



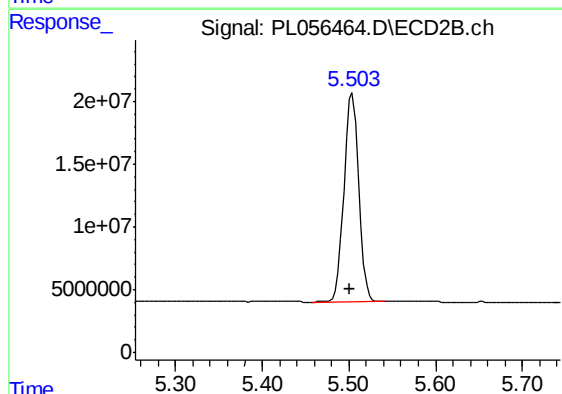
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 855491042
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

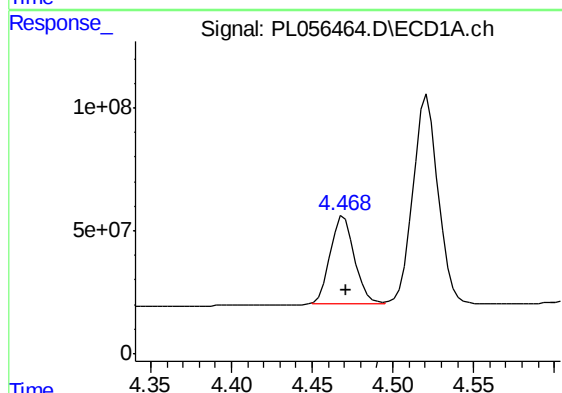
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



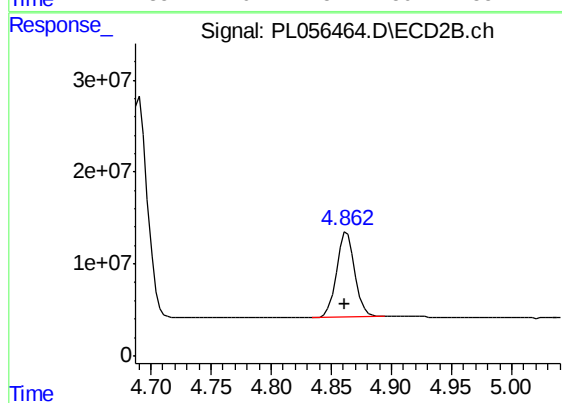
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 198046149
Conc: 56.35 ng/ml



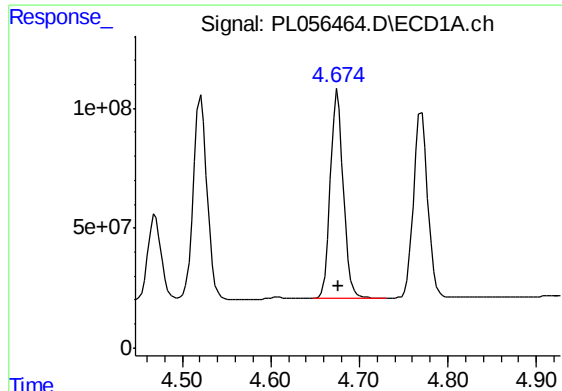
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 370231176
Conc: 56.21 ng/ml



#6 beta-BHC

R.T.: 4.863 min
Delta R.T.: 0.002 min
Response: 98069574
Conc: 59.82 ng/ml



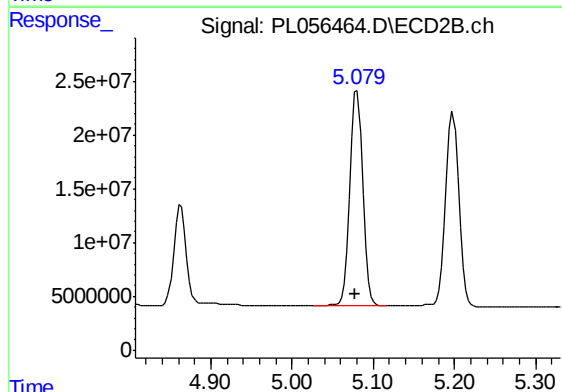
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 899486161
Conc: 56.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

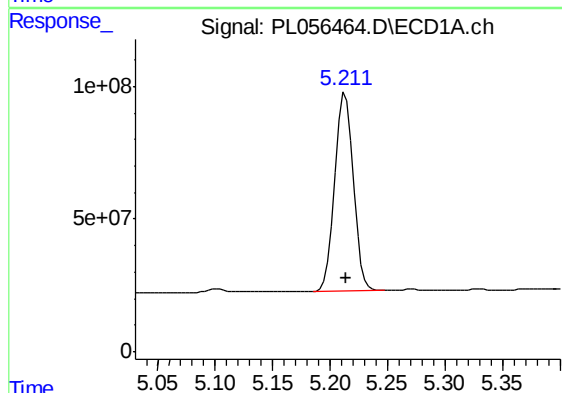
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



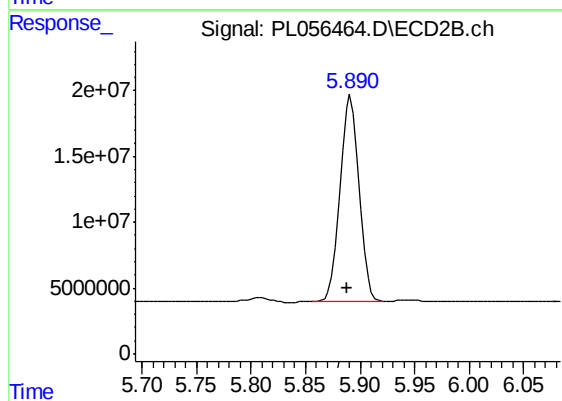
#7 delta-BHC

R.T.: 5.080 min
Delta R.T.: 0.002 min
Response: 219263632
Conc: 68.37 ng/ml



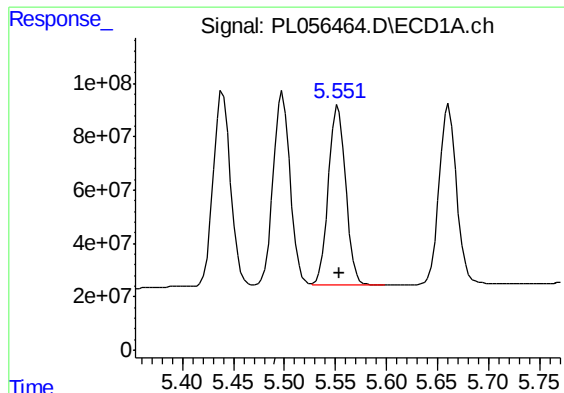
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 855524816
Conc: 55.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.003 min
Response: 190194188
Conc: 61.11 ng/ml



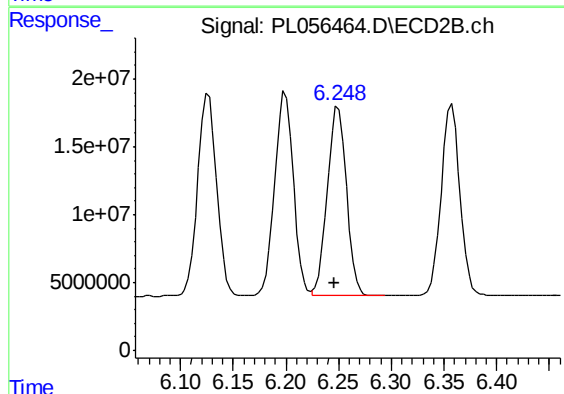
#9 Endosulfan I

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 794159744
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

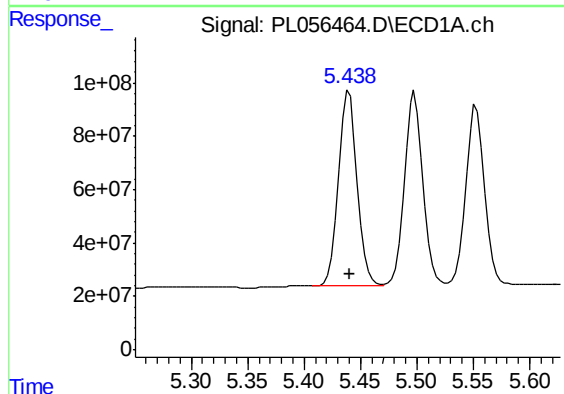
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



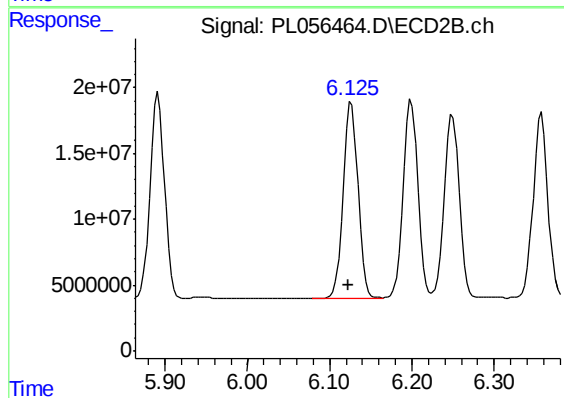
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.003 min
Response: 177395323
Conc: 59.28 ng/ml



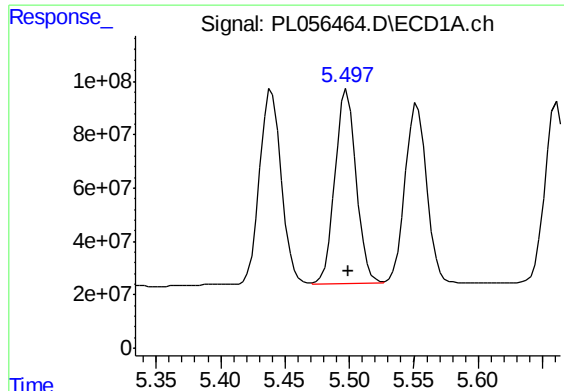
#10 gamma-Chlordane

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 861202470
Conc: 54.91 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.003 min
Response: 187120486
Conc: 58.84 ng/ml



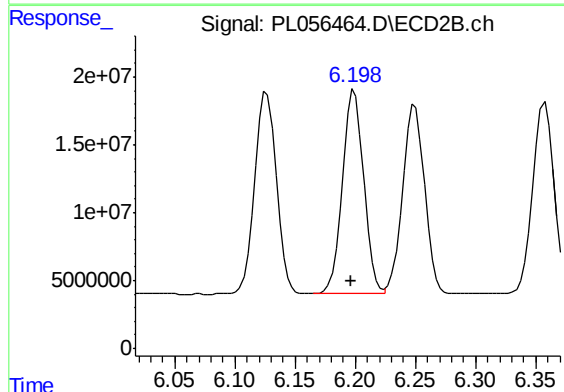
#11 alpha-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 841199398
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

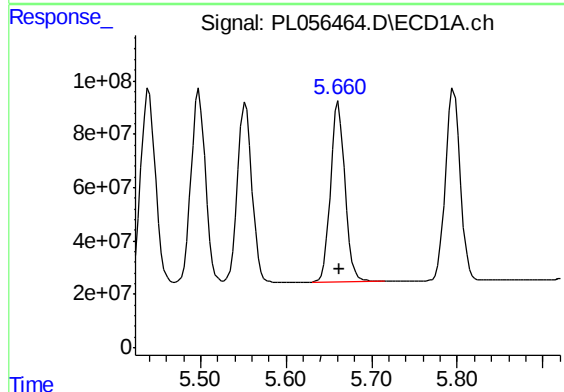
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



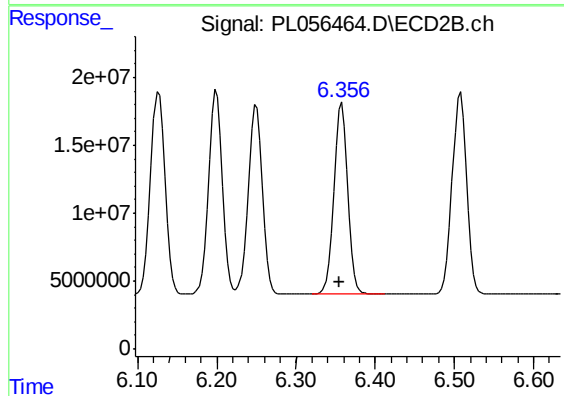
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 186082886
Conc: 58.71 ng/ml



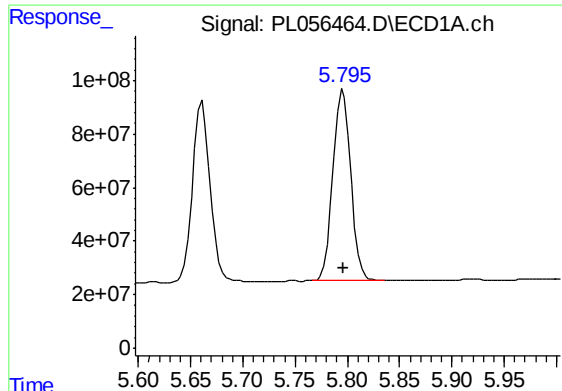
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 794543949
Conc: 54.82 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.003 min
Response: 174825371
Conc: 58.37 ng/ml



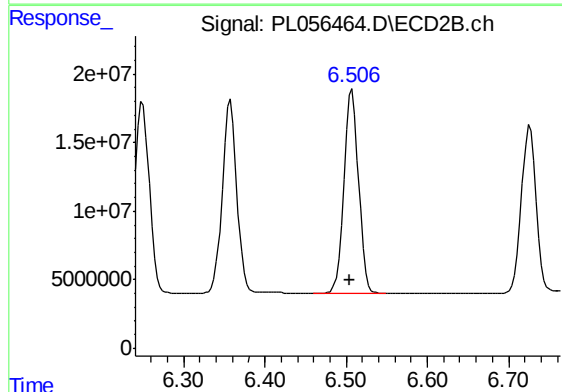
#13 Dieldrin

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 851355319
Conc: 55.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

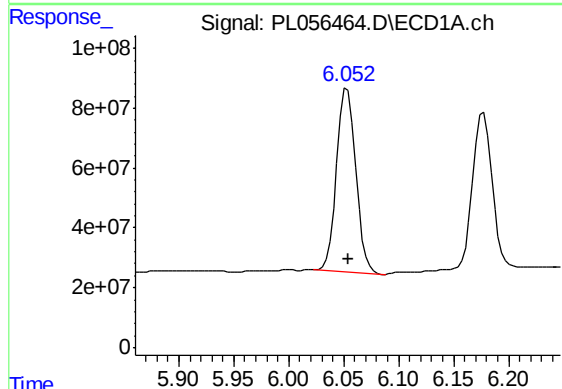
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



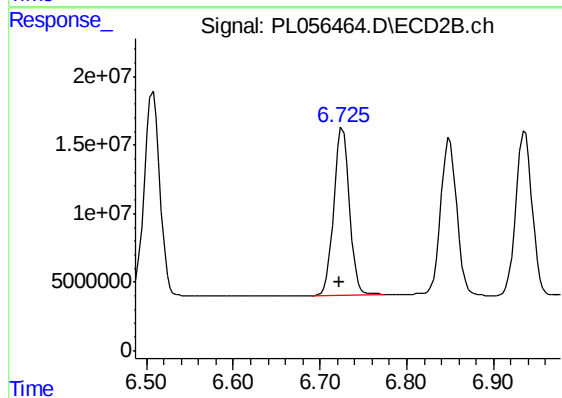
#13 Dieldrin

R.T.: 6.508 min
Delta R.T.: 0.003 min
Response: 186212415
Conc: 59.99 ng/ml



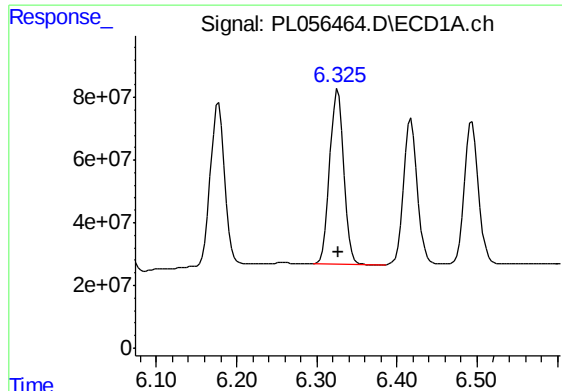
#14 Endrin

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 747511690
Conc: 53.20 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 153186877
Conc: 58.45 ng/ml



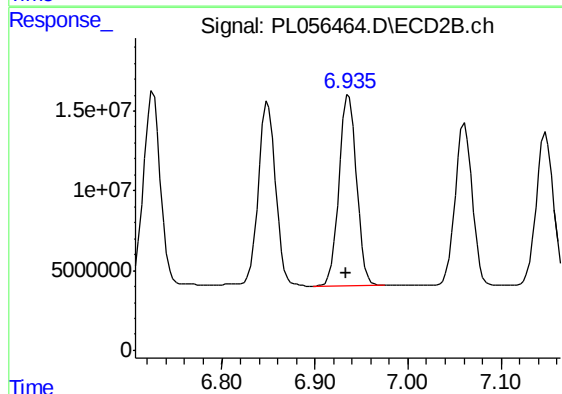
#15 Endosulfan II

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 669245326
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

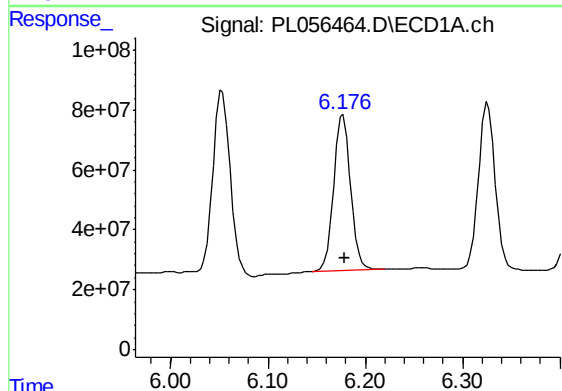
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



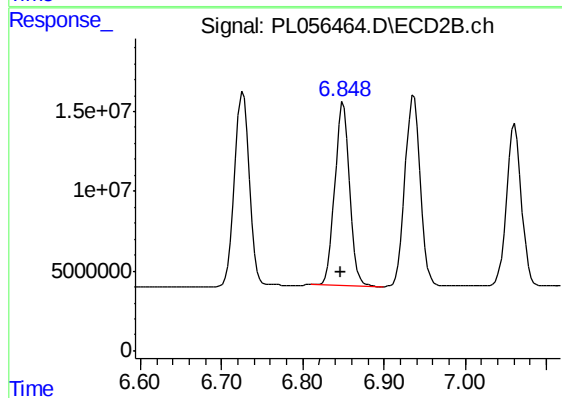
#15 Endosulfan II

R.T.: 6.936 min
Delta R.T.: 0.003 min
Response: 156099822
Conc: 57.98 ng/ml



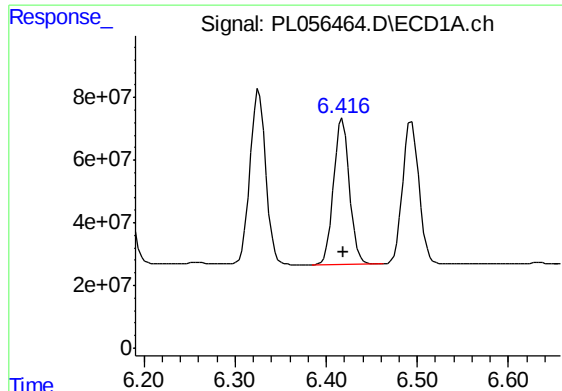
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 638535836
Conc: 59.40 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 146439858
Conc: 62.07 ng/ml



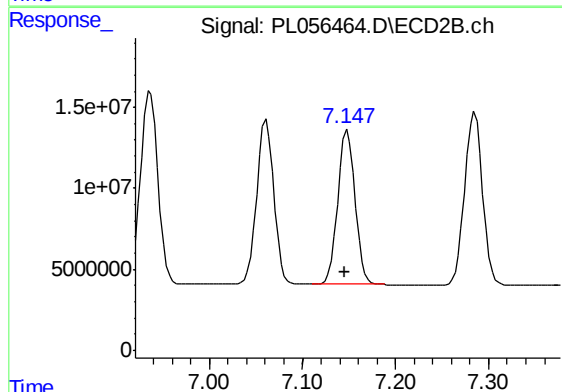
#17 4,4'-DDT

R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 567449526
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

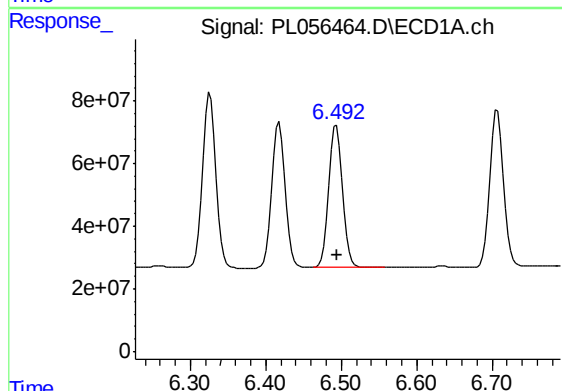
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



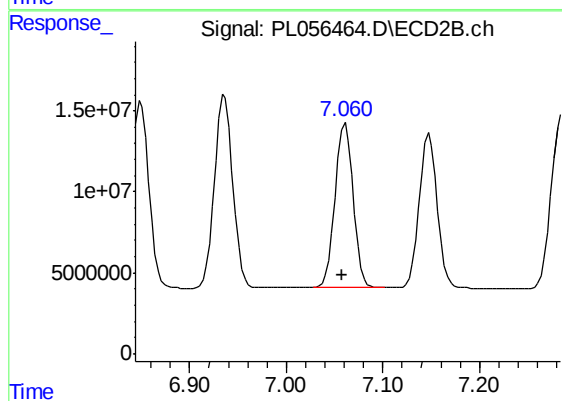
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 123307294
Conc: 53.71 ng/ml



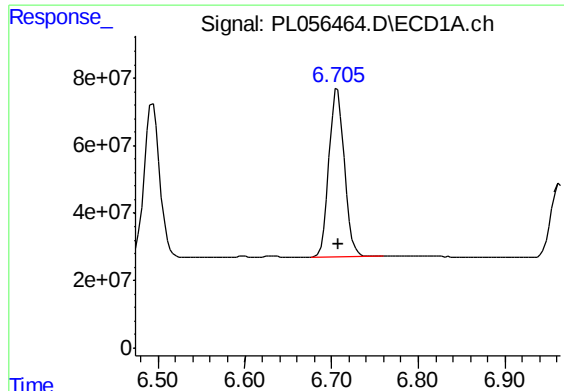
#18 Endrin aldehyde

R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 568323192
Conc: 51.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 129983619
Conc: 57.26 ng/ml



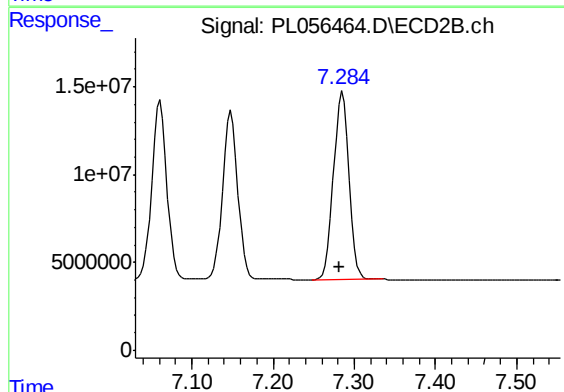
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 620096713
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

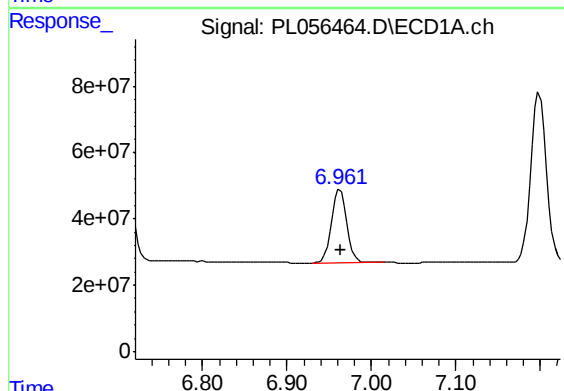
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



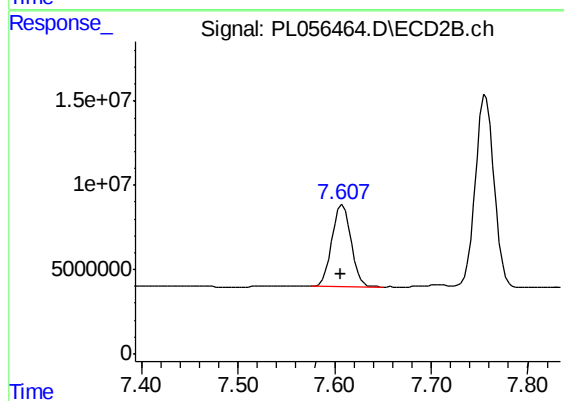
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: 0.003 min
Response: 142235988
Conc: 56.20 ng/ml



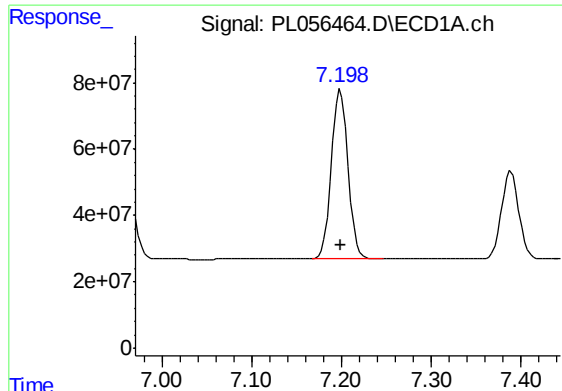
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 276943084
Conc: 52.13 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.001 min
Response: 65562807
Conc: 53.47 ng/ml



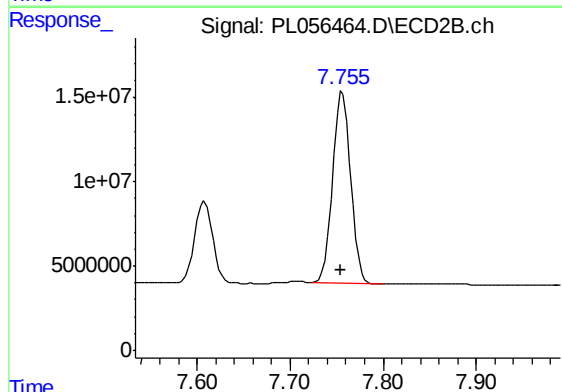
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 656343671
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

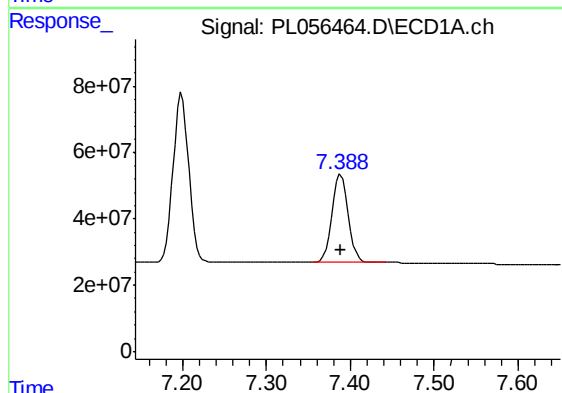
Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



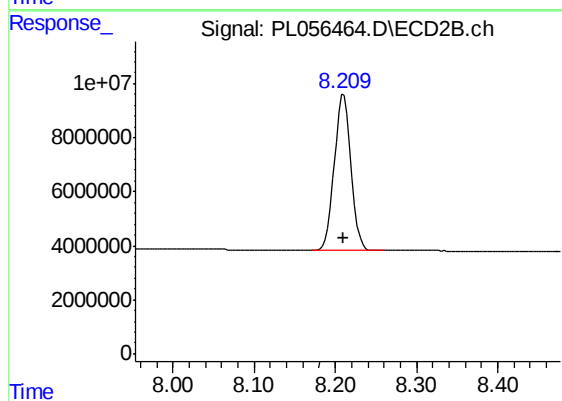
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.002 min
Response: 152833922
Conc: 57.31 ng/ml



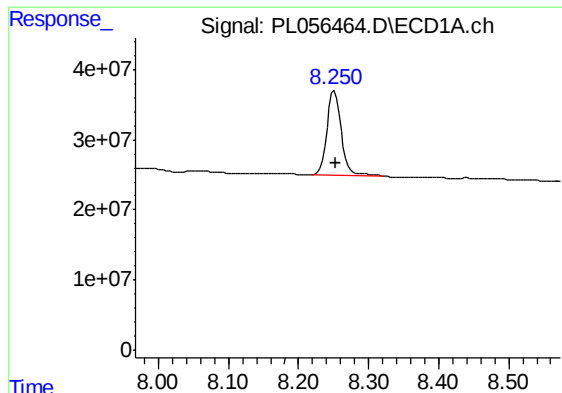
#22 Mirex

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 356568245
Conc: 38.59 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 82881476
Conc: 45.59 ng/ml



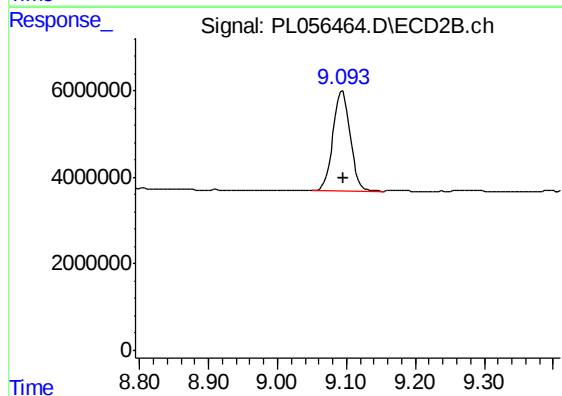
#28 Decachlorobiphenyl

R.T.: 8.251 min
Delta R.T.: 0.000 min
Response: 170913884
Conc: 16.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126741BSD

Manual Integrations
APPROVED

mohammad
2/12/2020 12:33:17 PM



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 40074800
Conc: 17.72 ng/ml