

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010220\
 Data File : PL055480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jan 2020 19:14
 Operator : SG\AJ
 Sample : K6482-10MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MC-123119-BDMS

Manual Integrations
 APPROVED

mohammad
 1/3/2020 10:17:56 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 02 22:09:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 2019
 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...	3.534	4.048	193.0E6	56557126	18.354	21.405
28)	SA Decachlor...	8.312	9.149	179.2E6	43935416	19.316	19.903
Target Compounds							
2)	A alpha-BHC	3.977	4.440	764.4E6	195.5E6	43.935	53.084
3)	MA gamma-BHC...	4.263	4.725	698.2E6	178.0E6	42.344	52.064
4)	MA Heptachlor	4.569	5.235	748.7E6	166.5E6	45.858	52.928
5)	MB Aldrin	4.819	5.541	678.3E6	156.0E6	44.420	54.172
6)	B beta-BHC	4.514	4.897	301.2E6	81540520	43.926	49.654
7)	B delta-BHC	4.722	5.115	625.5E6	127.2E6	41.327	45.487
8)	B Heptachlo...	5.265	5.927	643.9E6	129.6E6	45.061	50.862
9)	A Endosulfan I	5.607	6.285	577.3E6	132.2E6	43.689	53.385
10)	B gamma-Chl...	5.493	6.163	659.6E6	140.0E6	45.274	52.761
11)	B alpha-Chl...	5.553	6.235	913.0E6	138.4E6	64.848	52.789
12)	B 4,4'-DDE	5.714	6.392	750.7E6	140.6E6	56.330	57.644
13)	MA Dieldrin	5.851	6.543	642.8E6	137.2E6	46.046	53.749
14)	MA Endrin	6.109	6.762	599.0E6	114.6E6	47.131	53.387
15)	B Endosulfa...	6.390	6.986f	14232.3E6	3206.5E6	1212.633	1352.538
16)	A 4,4'-DDD	6.232	6.884	457.6E6	102.0E6	47.641	53.656
17)	MA 4,4'-DDT	6.472	7.184	652.5E6	128.1E6	64.815m	65.271
18)	B Endrin al...	6.549	7.097	466.8E6	116.8E6	47.927m	60.535 #
19)	B Endosulfa...	6.765	7.321	475.2E6	108.4E6	47.242	51.896
20)	A Methoxychlor	7.018	7.644	234.1E6	54701498	48.580	50.684
21)	B Endrin ke...	7.258	7.795	494.8E6	116.5E6	47.211	52.305
22)	Mirex	7.450	8.252	312.0E6	81746420	40.964	49.302

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010220\
Data File : PL055480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jan 2020 19:14
Operator : SG\AJ
Sample : K6482-10MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

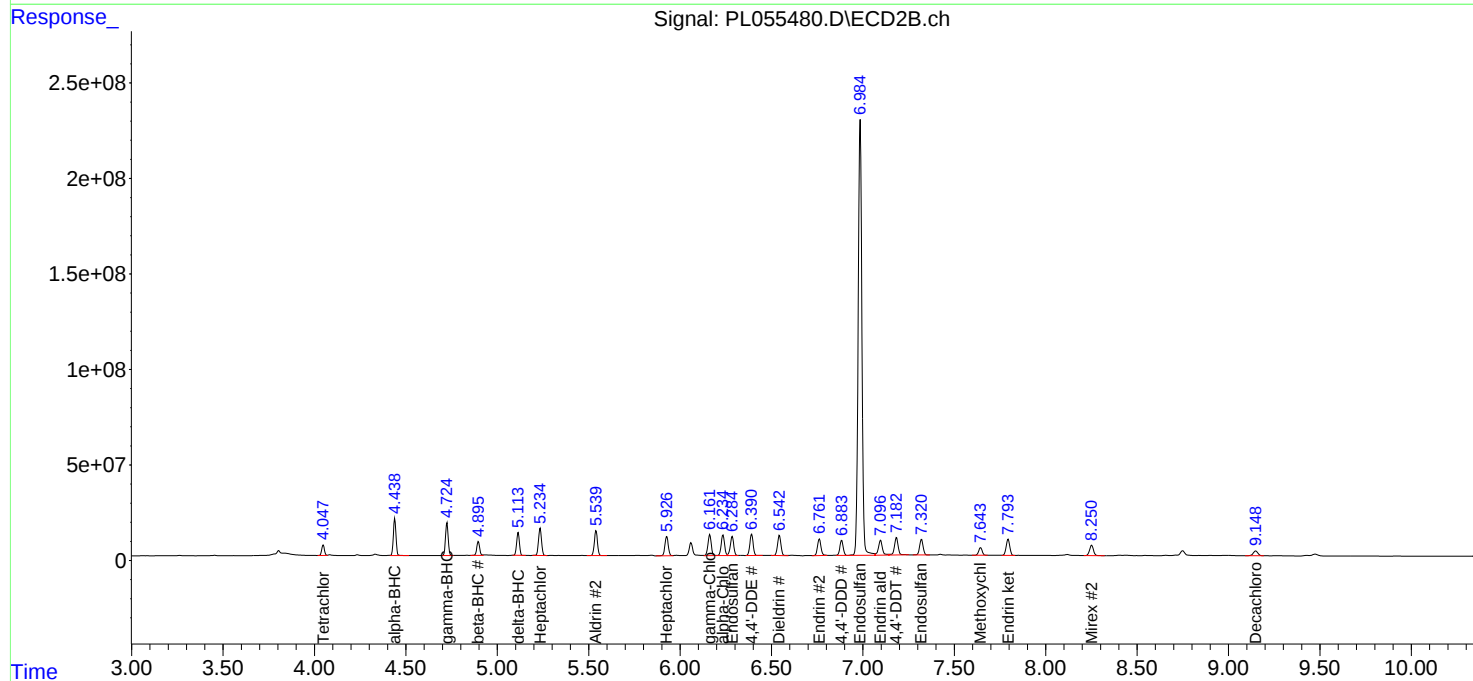
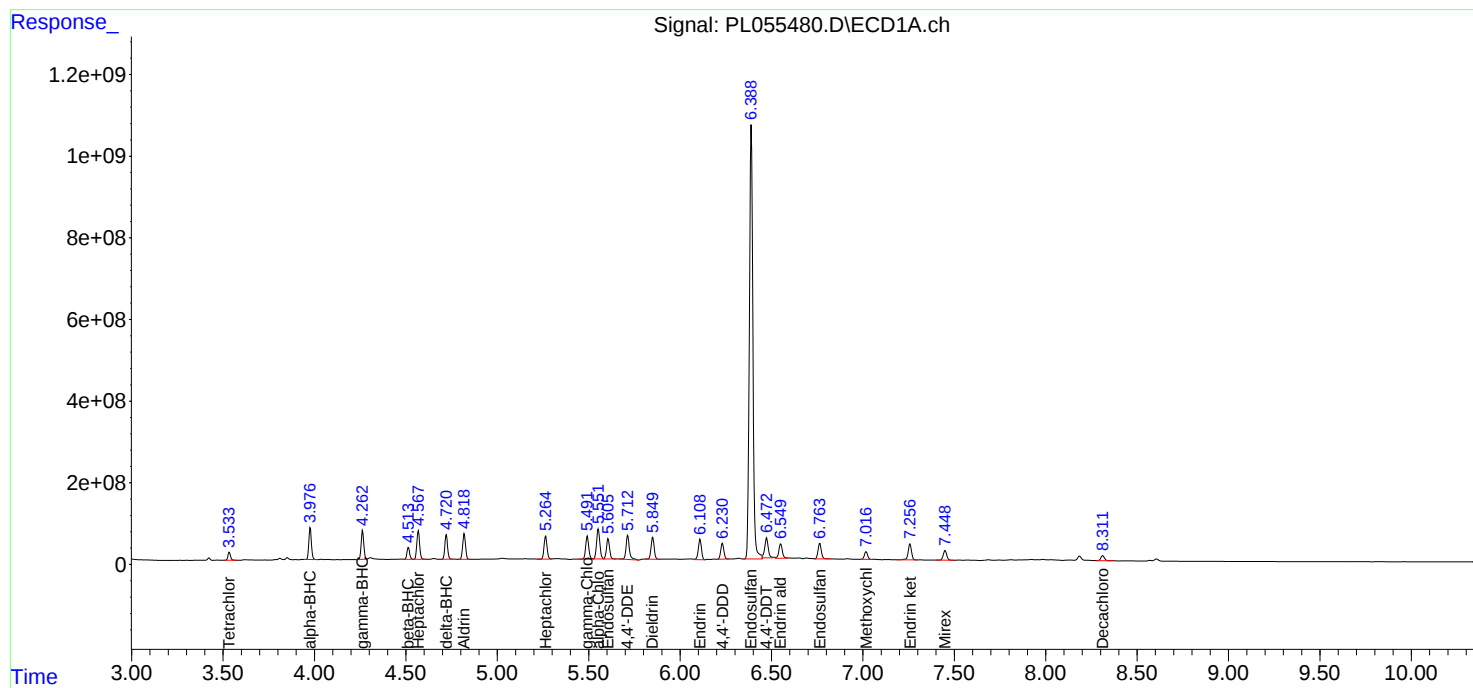
Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

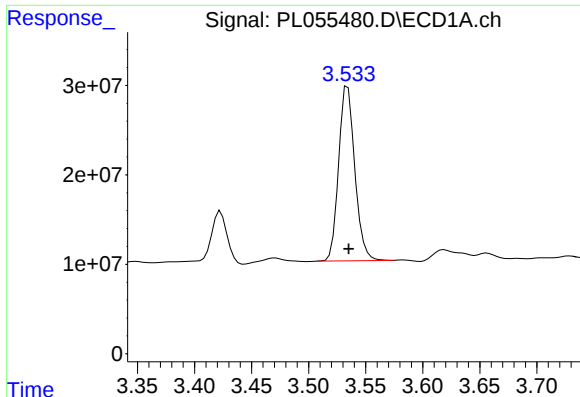
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 02 22:09:40 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 2019
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





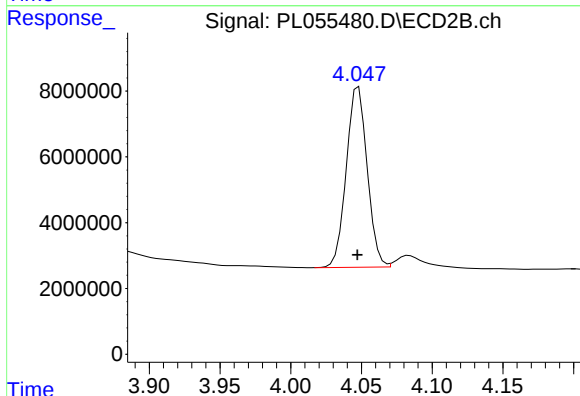
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 193017319
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

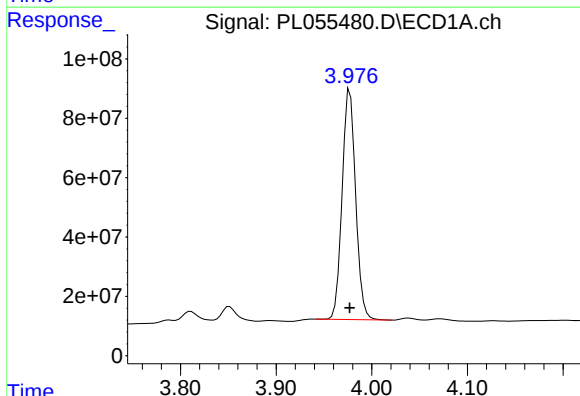
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



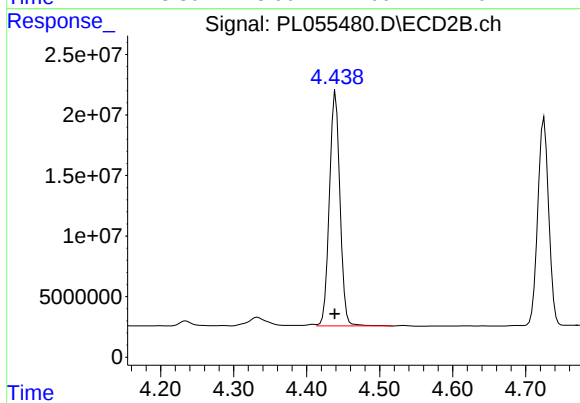
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 56557126
Conc: 21.40 ng/ml



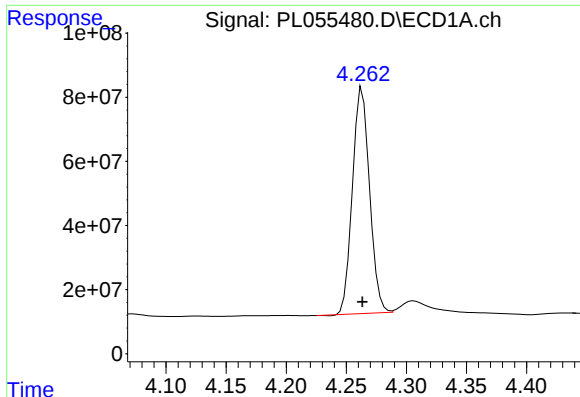
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 764353270
Conc: 43.93 ng/ml



#2 alpha-BHC

R.T.: 4.440 min
Delta R.T.: 0.001 min
Response: 195496230
Conc: 53.08 ng/ml



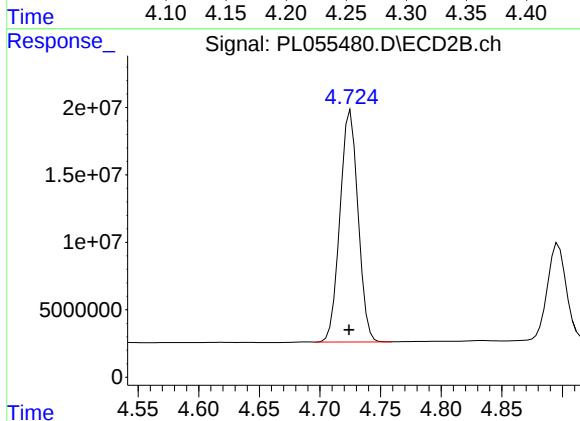
#3 gamma-BHC (Lindane)

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 698183114
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

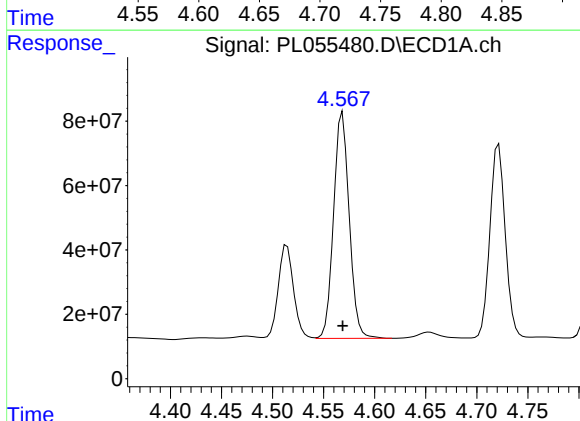
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



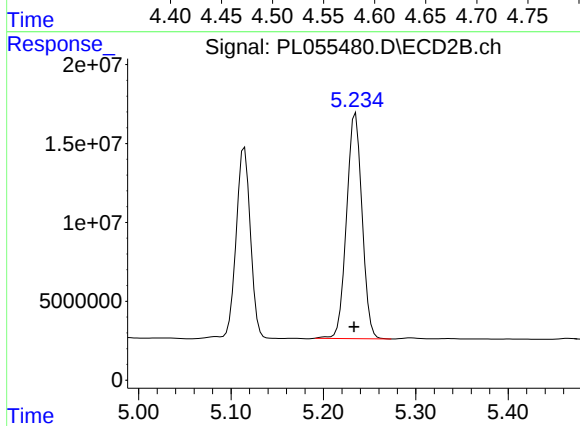
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.001 min
Response: 177987085
Conc: 52.06 ng/ml



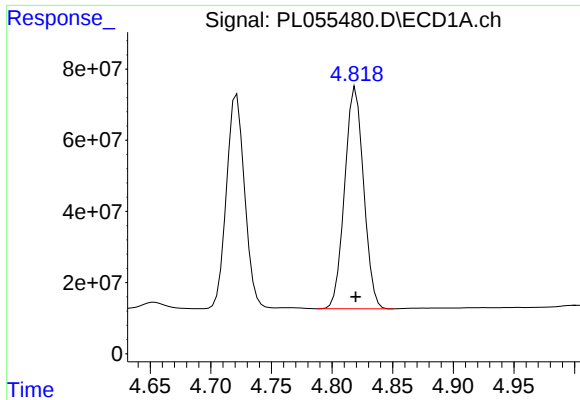
#4 Heptachlor

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 748745780
Conc: 45.86 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 166516664
Conc: 52.93 ng/ml



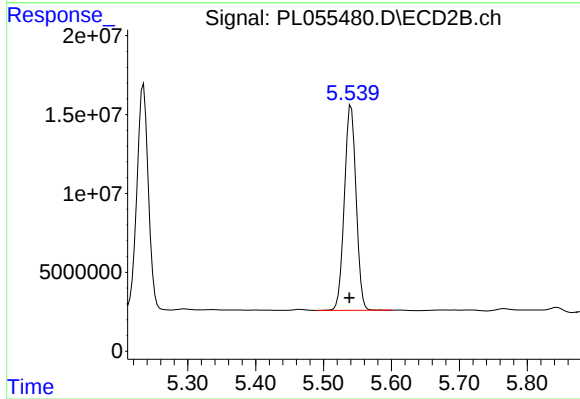
#5 Aldrin

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 678264699
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

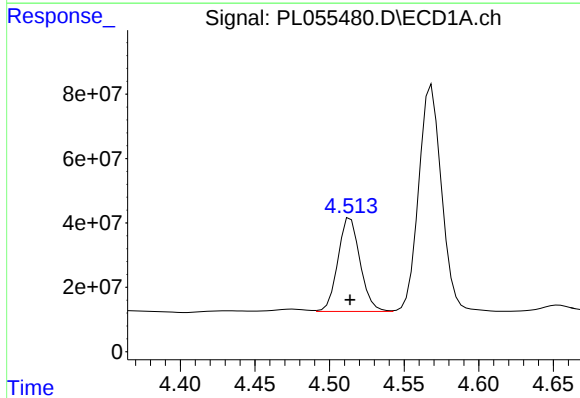
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



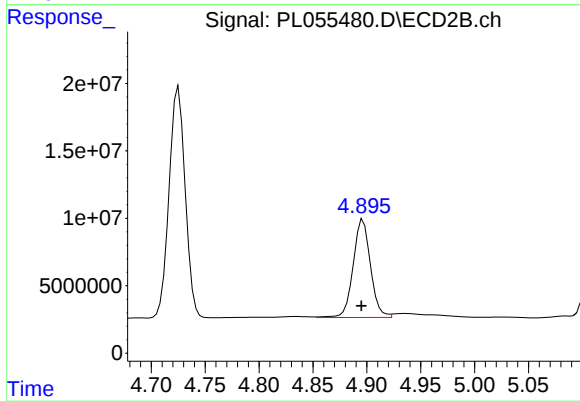
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 155986548
Conc: 54.17 ng/ml



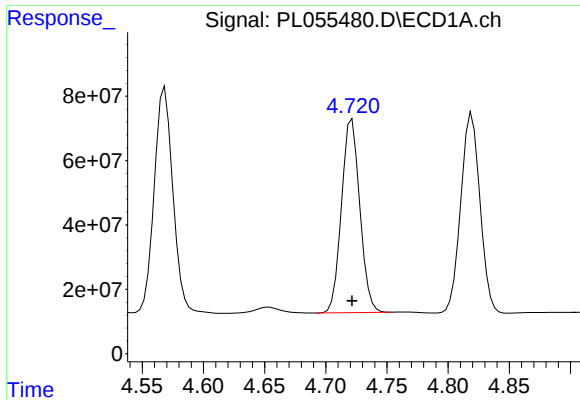
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 301221219
Conc: 43.93 ng/ml



#6 beta-BHC

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 81540520
Conc: 49.65 ng/ml



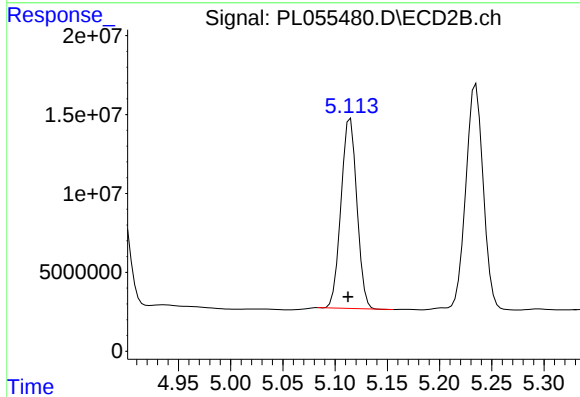
#7 delta-BHC

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 625530305
Conc: 41.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

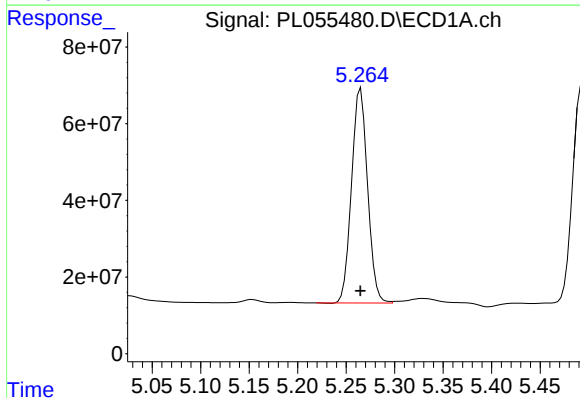
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



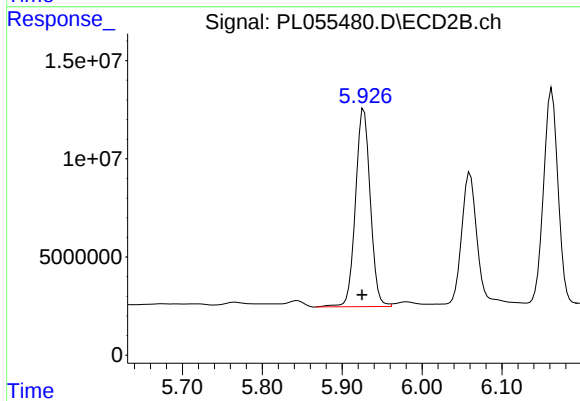
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.002 min
Response: 127196470
Conc: 45.49 ng/ml



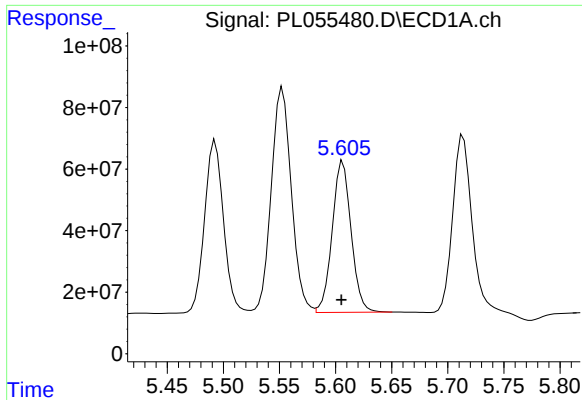
#8 Heptachlor epoxide

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 643889351
Conc: 45.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 129639044
Conc: 50.86 ng/ml



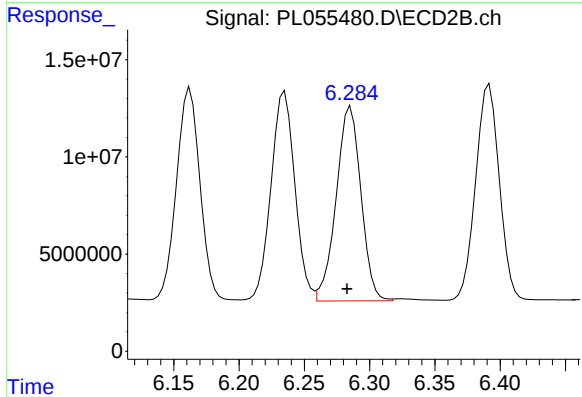
#9 Endosulfan I

R.T.: 5.607 min
Delta R.T.: 0.001 min
Response: 577262388
Conc: 43.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

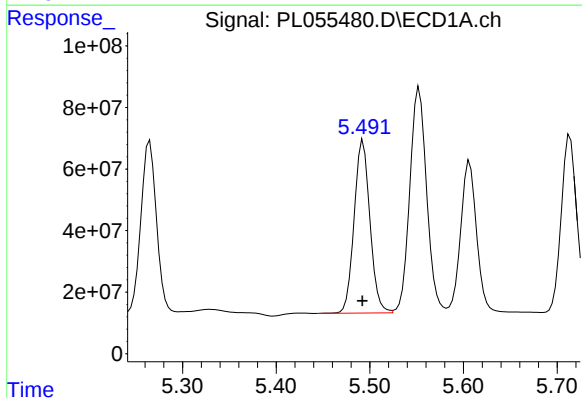
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



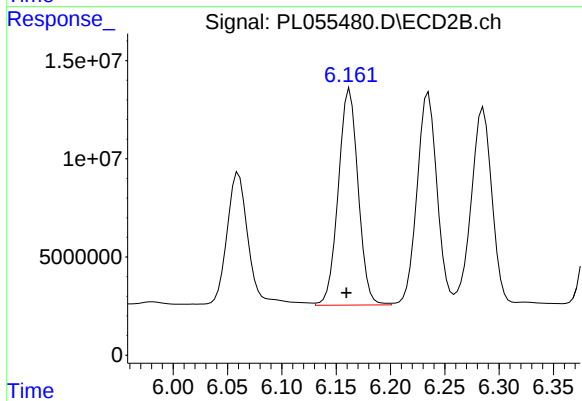
#9 Endosulfan I

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 132225027
Conc: 53.38 ng/ml



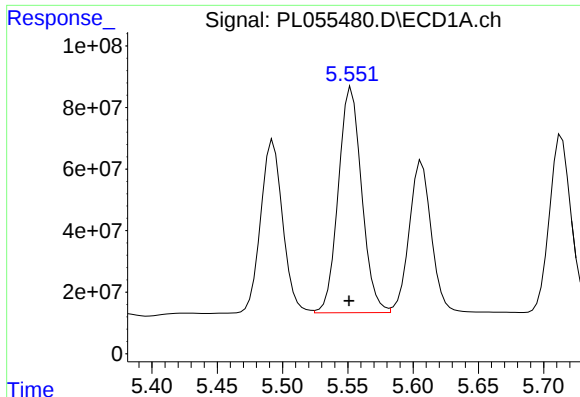
#10 gamma-Chlordane

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 659640018
Conc: 45.27 ng/ml



#10 gamma-Chlordane

R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 140035847
Conc: 52.76 ng/ml



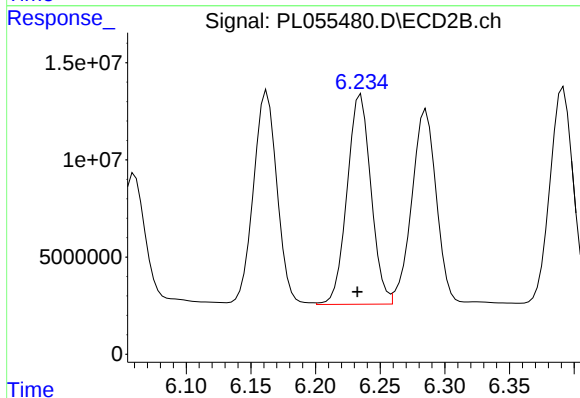
#11 alpha-Chlordane

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 912998329
Conc: 64.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

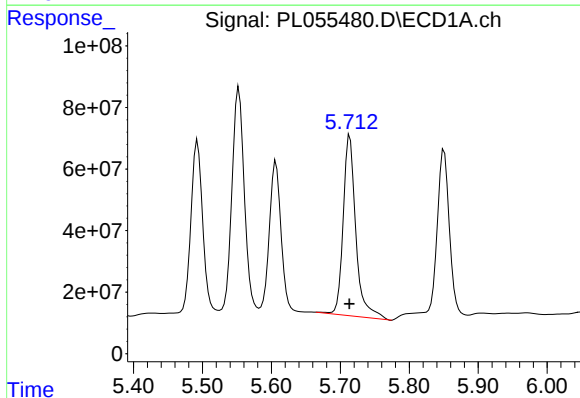
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



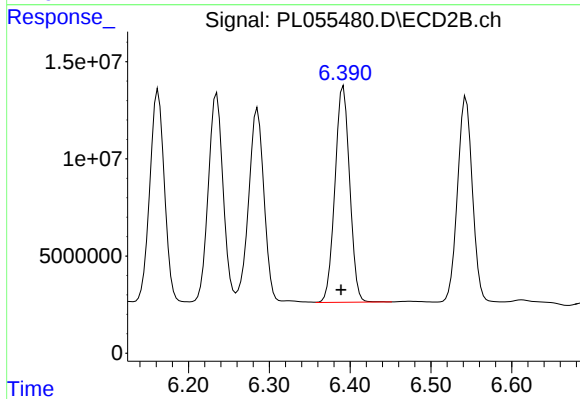
#11 alpha-Chlordane

R.T.: 6.235 min
Delta R.T.: 0.003 min
Response: 138429196
Conc: 52.79 ng/ml



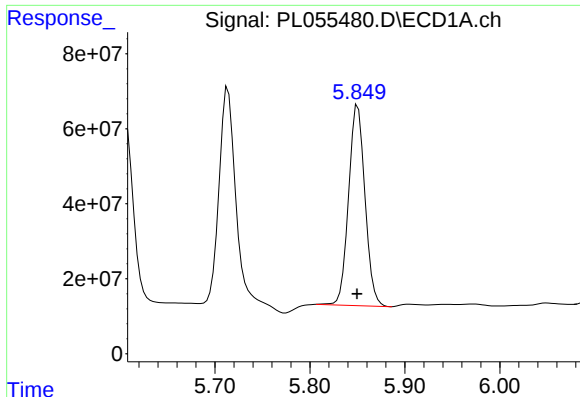
#12 4,4'-DDE

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 750656825
Conc: 56.33 ng/ml



#12 4,4'-DDE

R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 140551380
Conc: 57.64 ng/ml



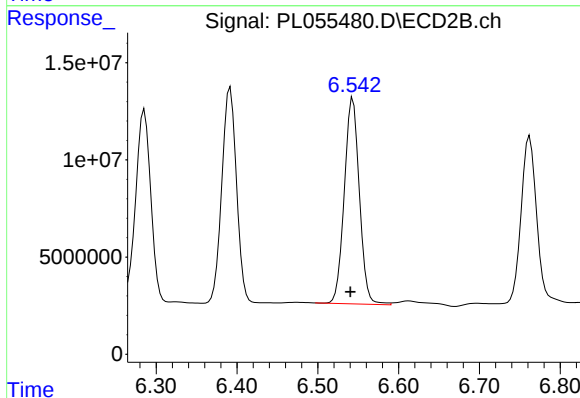
#13 Dieldrin

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 642798652
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

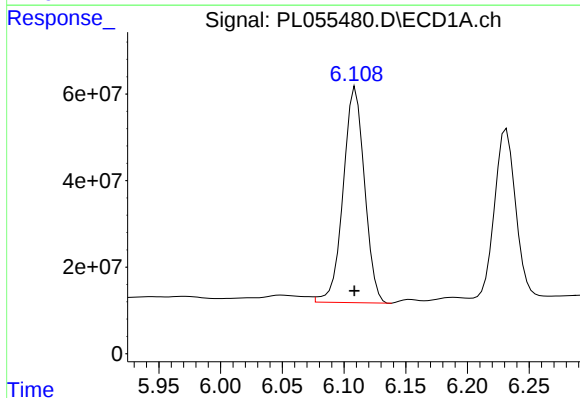
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



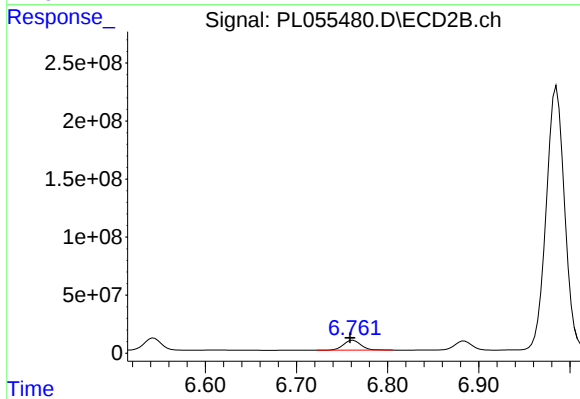
#13 Dieldrin

R.T.: 6.543 min
Delta R.T.: 0.003 min
Response: 137170347
Conc: 53.75 ng/ml



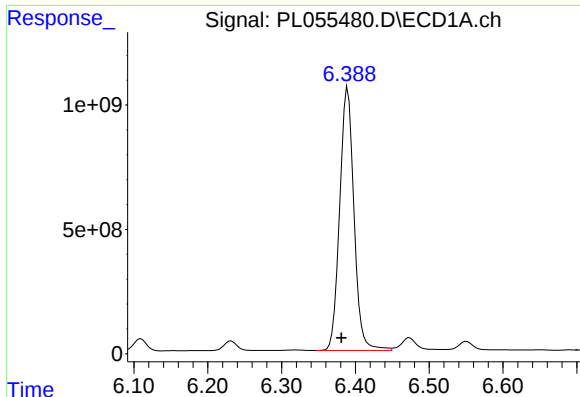
#14 Endrin

R.T.: 6.109 min
Delta R.T.: 0.001 min
Response: 599021222
Conc: 47.13 ng/ml



#14 Endrin

R.T.: 6.762 min
Delta R.T.: 0.003 min
Response: 114567864
Conc: 53.39 ng/ml



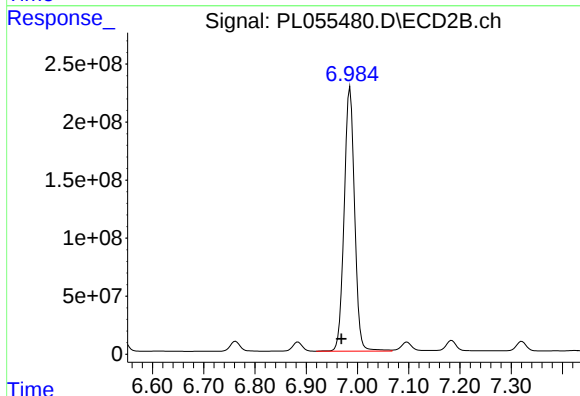
#15 Endosulfan II

R.T.: 6.390 min
Delta R.T.: 0.009 min
Response: 14232301125
Conc: 1212.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

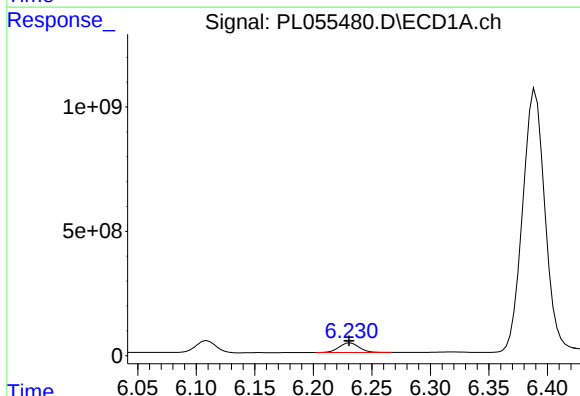
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



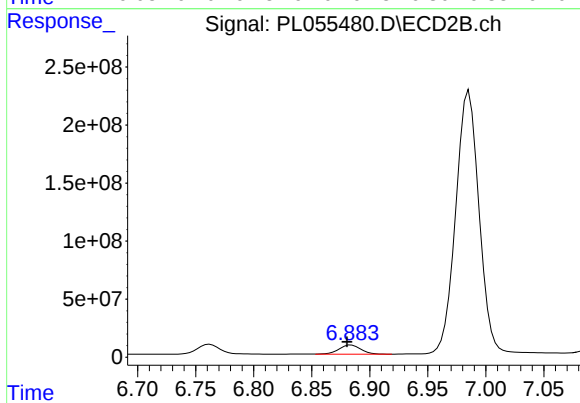
#15 Endosulfan II

R.T.: 6.986 min
Delta R.T.: 0.017 min
Response: 3206490952
Conc: 1352.54 ng/ml



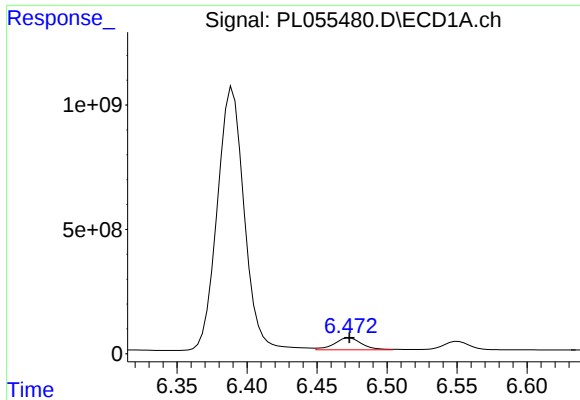
#16 4,4'-DDD

R.T.: 6.232 min
Delta R.T.: 0.001 min
Response: 457571703
Conc: 47.64 ng/ml



#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: 0.004 min
Response: 102003790
Conc: 53.66 ng/ml



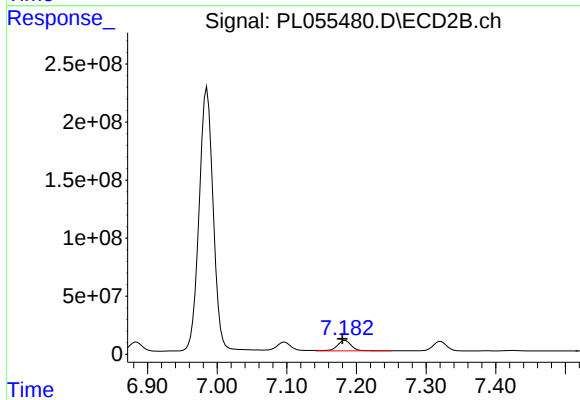
#17 4,4'-DDT

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 652495423
Conc: 64.81 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

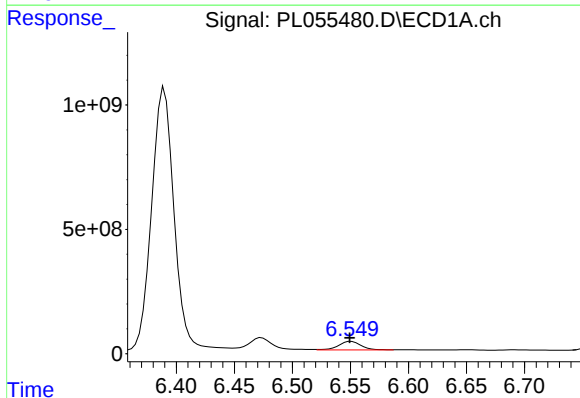
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



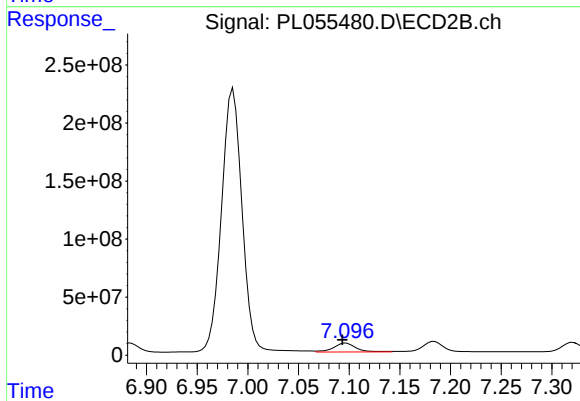
#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 128102885
Conc: 65.27 ng/ml



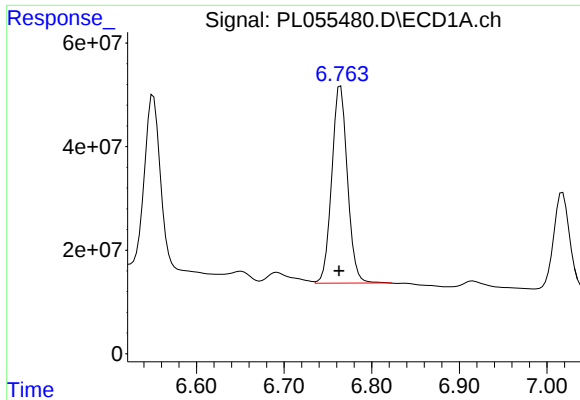
#18 Endrin aldehyde

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 466778319
Conc: 47.93 ng/ml m



#18 Endrin aldehyde

R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 116828549
Conc: 60.54 ng/ml



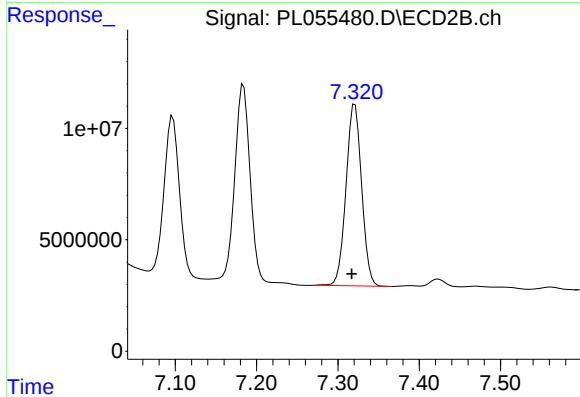
#19 Endosulfan Sulfate

R.T.: 6.765 min
Delta R.T.: 0.002 min
Response: 475198667
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

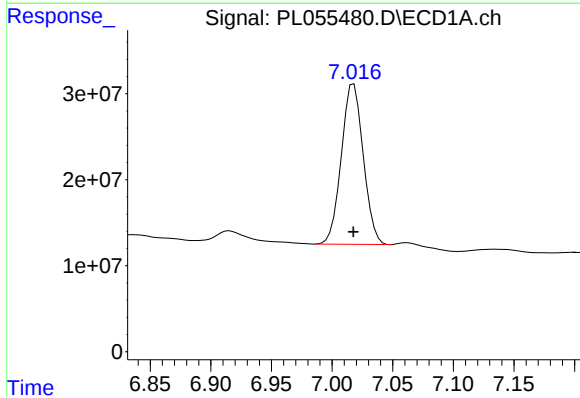
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



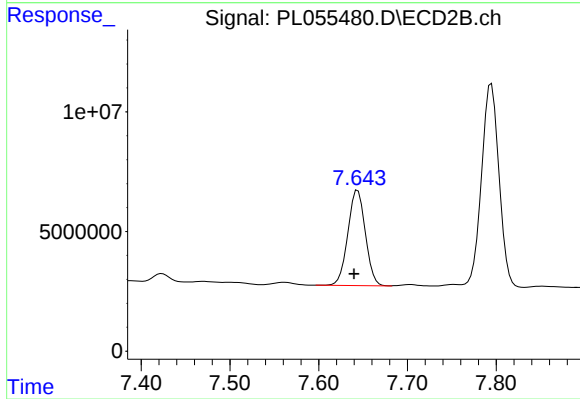
#19 Endosulfan Sulfate

R.T.: 7.321 min
Delta R.T.: 0.004 min
Response: 108387982
Conc: 51.90 ng/ml



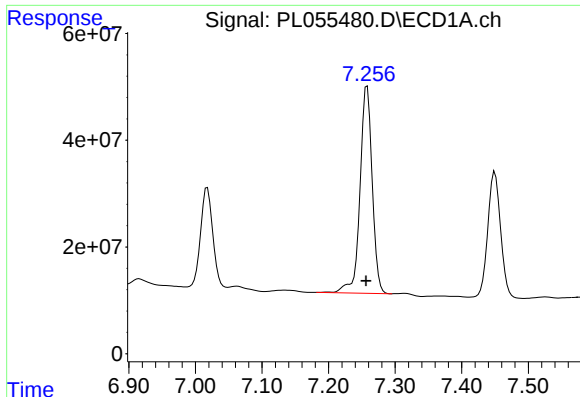
#20 Methoxychlor

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 234128994
Conc: 48.58 ng/ml



#20 Methoxychlor

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 54701498
Conc: 50.68 ng/ml



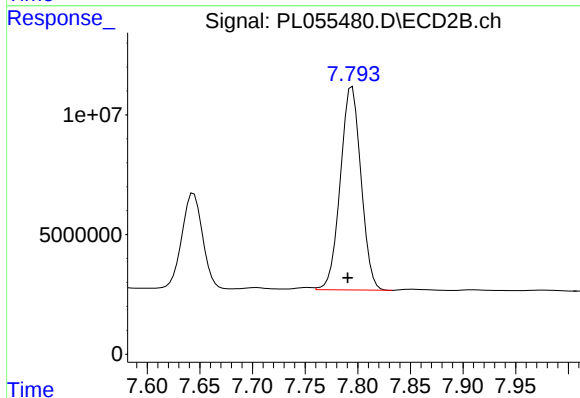
#21 Endrin ketone

R.T.: 7.258 min
Delta R.T.: 0.001 min
Response: 494846936
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

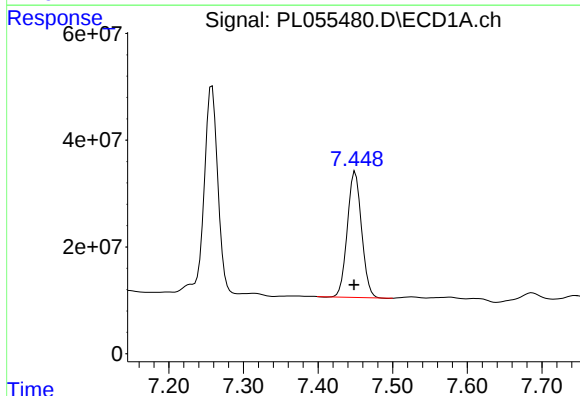
Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



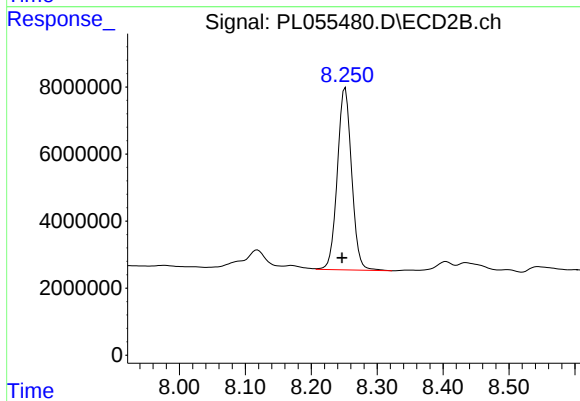
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: 0.004 min
Response: 116481600
Conc: 52.30 ng/ml



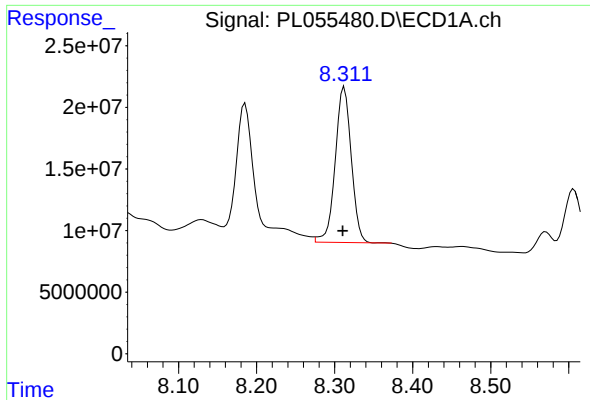
#22 Mirex

R.T.: 7.450 min
Delta R.T.: 0.002 min
Response: 312028898
Conc: 40.96 ng/ml



#22 Mirex

R.T.: 8.252 min
Delta R.T.: 0.005 min
Response: 81746420
Conc: 49.30 ng/ml



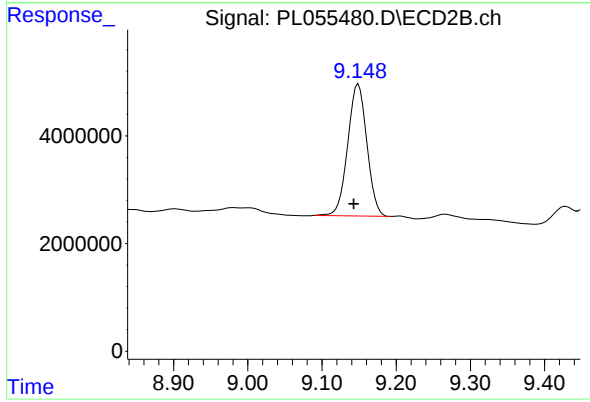
#28 Decachlorobiphenyl

R.T.: 8.312 min
Delta R.T.: 0.002 min
Response: 179230532
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123119-BDMS

Manual Integrations
APPROVED

mohammad
1/3/2020 10:17:56 AM



#28 Decachlorobiphenyl

R.T.: 9.149 min
Delta R.T.: 0.006 min
Response: 43935416
Conc: 19.90 ng/ml