

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050120\
 Data File : PL058478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2020 11:59
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 5/4/2020 12:32:40 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 00:38:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 29 00:55:33 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...	3.463	3.955	481.7E6	107.5E6	45.266	49.716
28)	SA Decachlor...	8.211	8.979	471.9E6	97496811	43.639	43.941
Target Compounds							
2)	A alpha-BHC	3.900	4.342	820.5E6	165.9E6	44.802	50.090
3)	MA gamma-BHC...	4.185	4.625	756.3E6	167.2E6	43.812	50.542
4)	MA Heptachlor	4.484	5.127	806.4E6	172.4E6	45.637	49.913
5)	MB Aldrin	4.732	5.428	772.8E6	165.2E6	46.592	48.885
6)	B beta-BHC	4.437	4.798	313.2E6	76508543	43.830	52.510
7)	B delta-BHC	4.641	5.012	774.8E6	146.7E6	45.609	58.335 #
8)	B Heptachlo...	5.174	5.813	697.1E6	156.8E6	45.896m	48.967
9)	A Endosulfan I	5.514	6.168	650.5E6	147.7E6	46.082	47.743
10)	B gamma-Chl...	5.403	6.047	754.1E6	166.5E6	48.974	49.309
11)	B alpha-Chl...	5.460	6.118	696.8E6	161.1E6	45.949	47.380
12)	B 4,4'-DDE	5.624	6.278	716.6E6	142.5E6	47.393	46.717
13)	MA Dieldrin	5.757	6.423	687.4E6	147.5E6	46.106	47.128
14)	MA Endrin	6.014	6.640	624.0E6	125.8E6	45.905	48.924
15)	B Endosulfa...	6.288	6.851	585.0E6	120.8E6	46.235	45.326
16)	A 4,4'-DDD	6.141	6.767	519.8E6	106.0E6	44.324	46.618
17)	MA 4,4'-DDT	6.380	7.064	558.1E6	104.6E6	47.828	47.777
18)	B Endrin al...	6.456	6.975	484.1E6	100.2E6	45.641	45.941
19)	B Endosulfa...	6.669	7.198	512.0E6	108.2E6	44.146	45.766
20)	A Methoxychlor	6.925	7.524	273.7E6	55226303	46.068	44.558
21)	B Endrin ke...	7.157	7.665	615.1E6	112.7E6	51.916m	46.230
22)	Mirex	7.345	8.115	396.9E6	87783941	44.856	45.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050120\
Data File : PL058478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2020 11:59
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

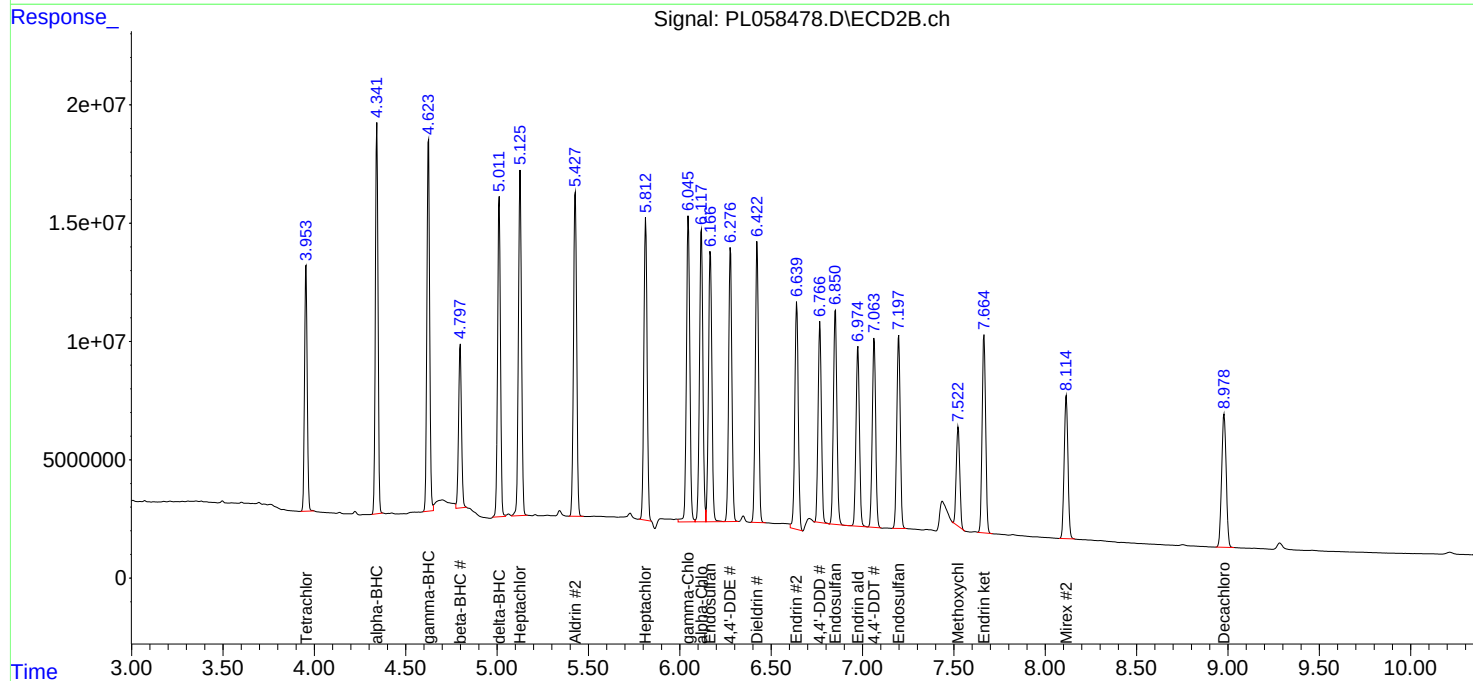
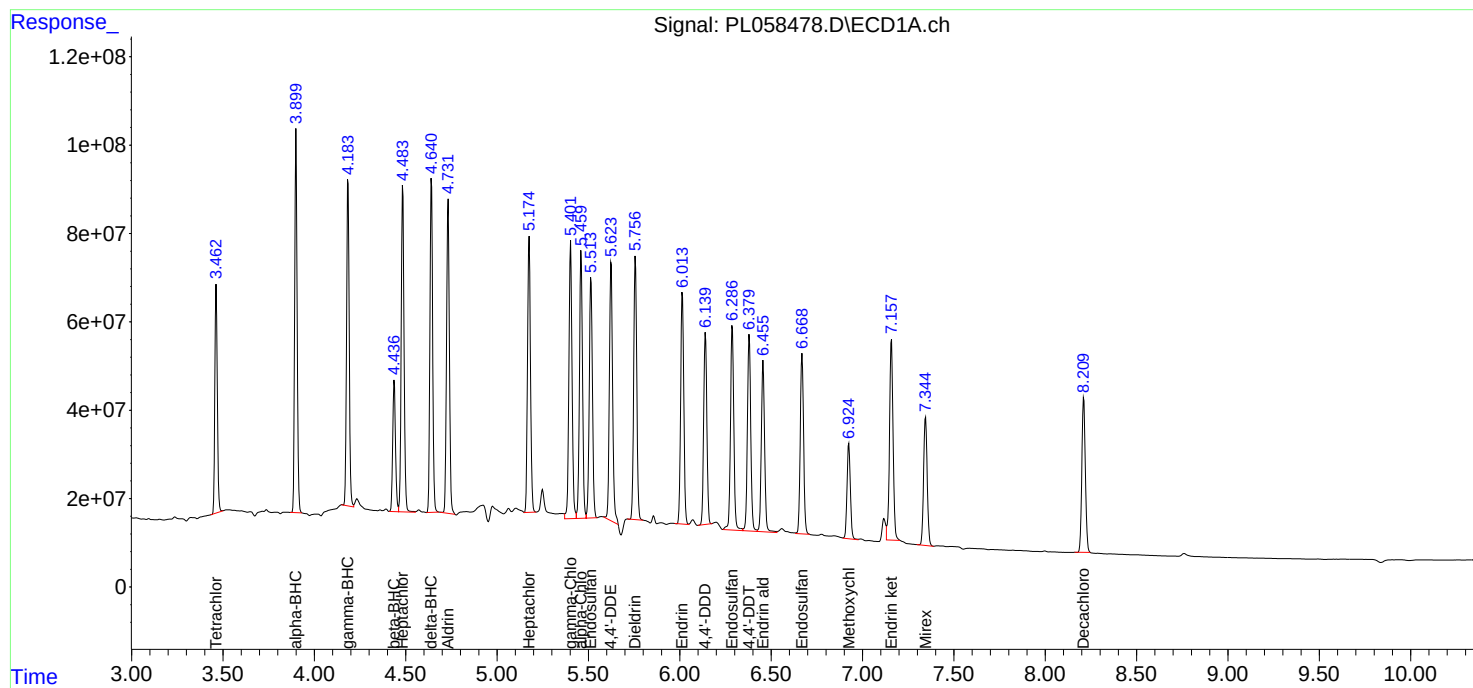
Instrument :
ECD_L
ClientSampled :
PSTDCCC050

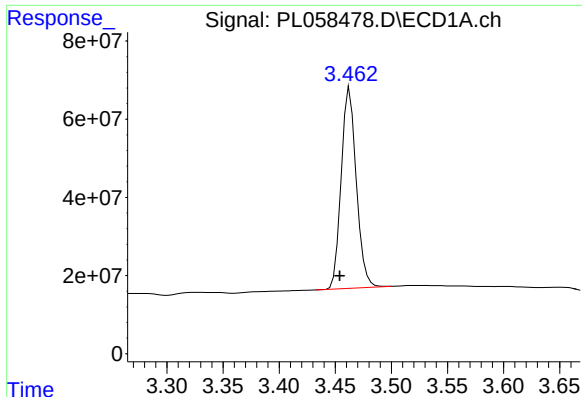
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 00:38:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 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





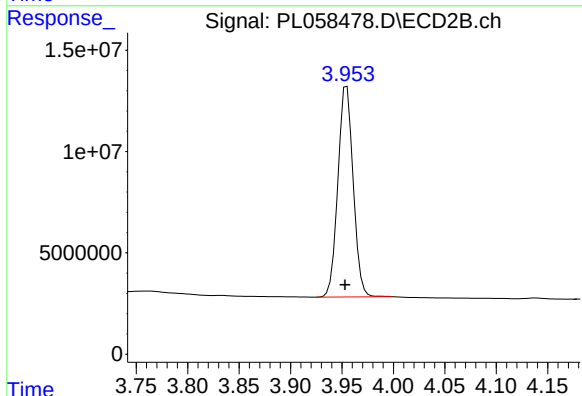
#1 Tetrachloro-m-xylene

R.T.: 3.463 min
Delta R.T.: 0.009 min
Response: 481725736
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

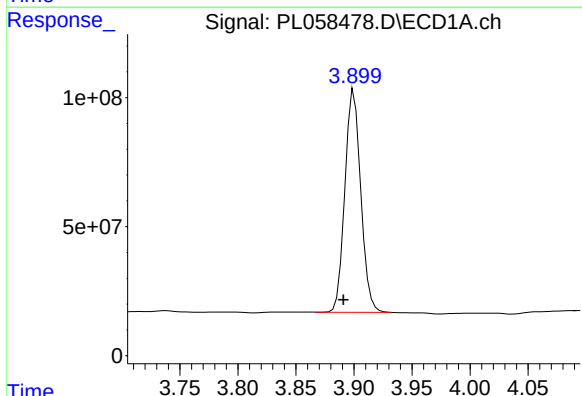
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



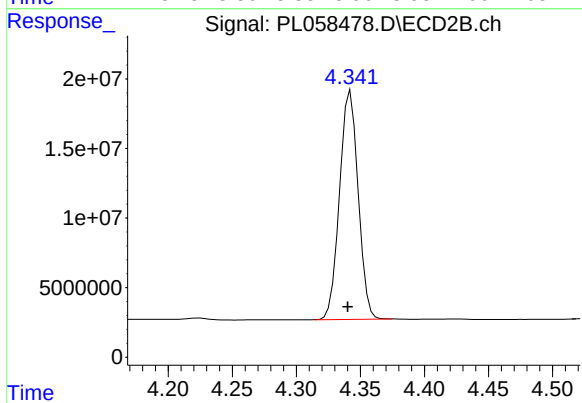
#1 Tetrachloro-m-xylene

R.T.: 3.955 min
Delta R.T.: 0.002 min
Response: 107456727
Conc: 49.72 ng/ml



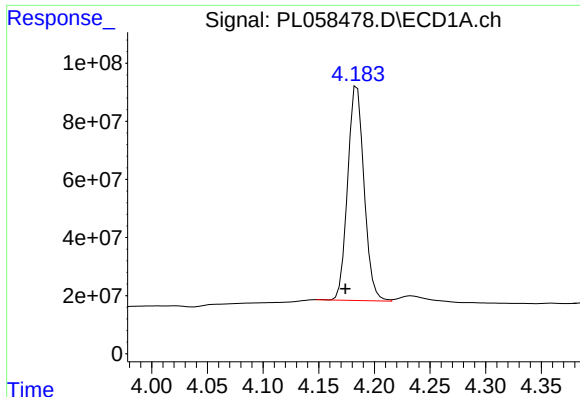
#2 alpha-BHC

R.T.: 3.900 min
Delta R.T.: 0.009 min
Response: 820510351
Conc: 44.80 ng/ml



#2 alpha-BHC

R.T.: 4.342 min
Delta R.T.: 0.002 min
Response: 165883900
Conc: 50.09 ng/ml



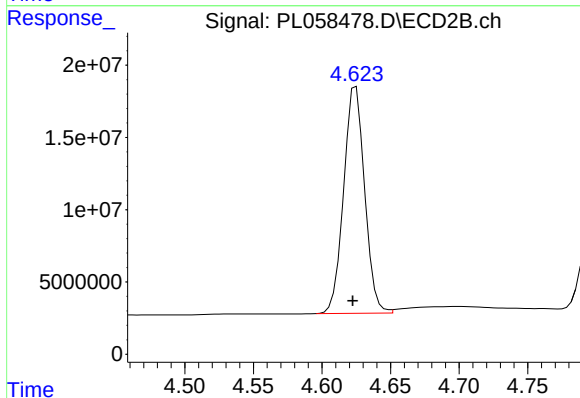
#3 gamma-BHC (Lindane)

R.T.: 4.185 min
Delta R.T.: 0.010 min
Response: 756326382
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

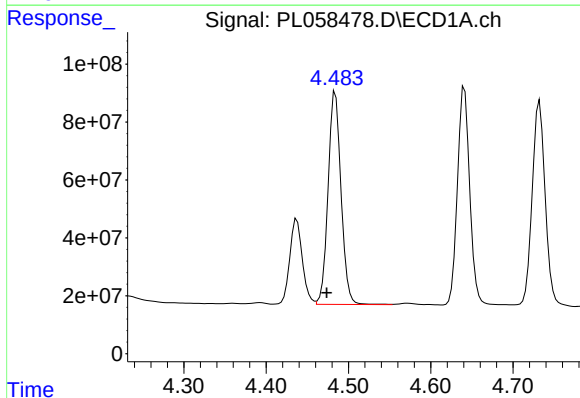
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



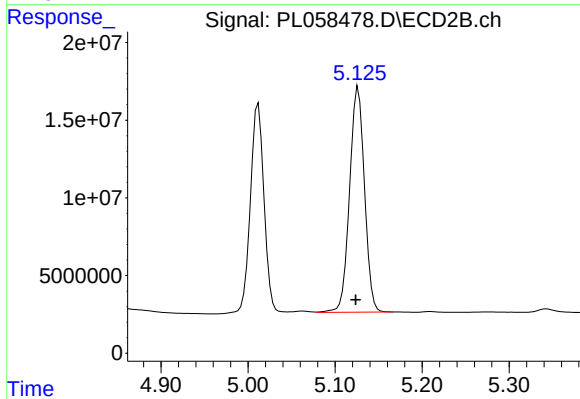
#3 gamma-BHC (Lindane)

R.T.: 4.625 min
Delta R.T.: 0.002 min
Response: 167221517
Conc: 50.54 ng/ml



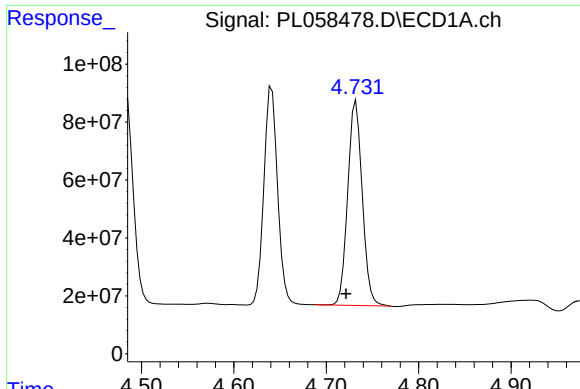
#4 Heptachlor

R.T.: 4.484 min
Delta R.T.: 0.010 min
Response: 806401505
Conc: 45.64 ng/ml



#4 Heptachlor

R.T.: 5.127 min
Delta R.T.: 0.003 min
Response: 172413262
Conc: 49.91 ng/ml



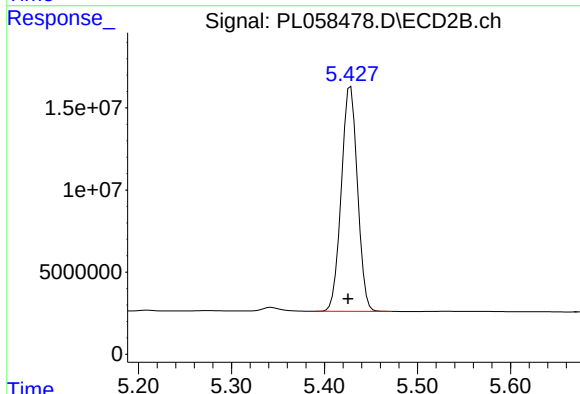
#5 Aldrin

R.T.: 4.732 min
Delta R.T.: 0.011 min
Response: 772797001
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

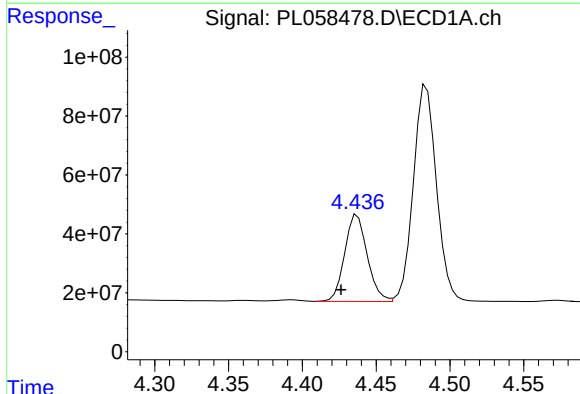
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



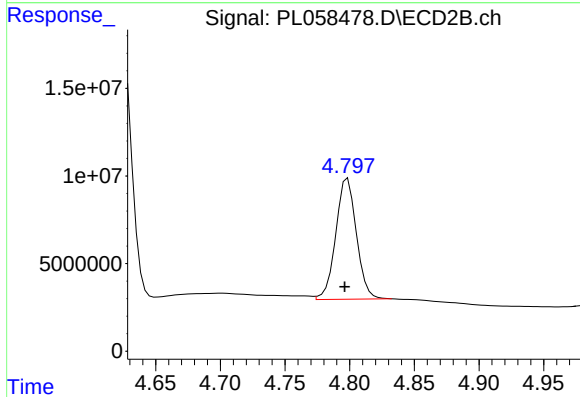
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: 0.003 min
Response: 165203943
Conc: 48.88 ng/ml



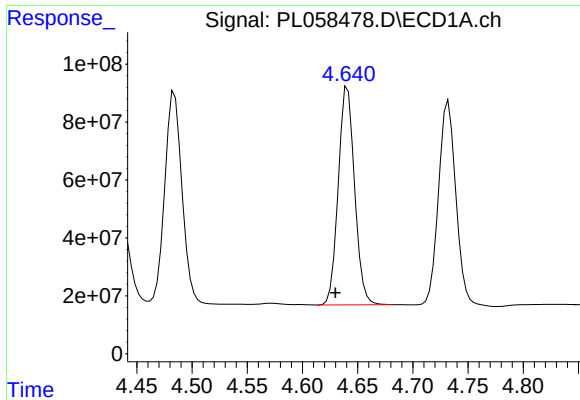
#6 beta-BHC

R.T.: 4.437 min
Delta R.T.: 0.011 min
Response: 313241232
Conc: 43.83 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.002 min
Response: 76508543
Conc: 52.51 ng/ml



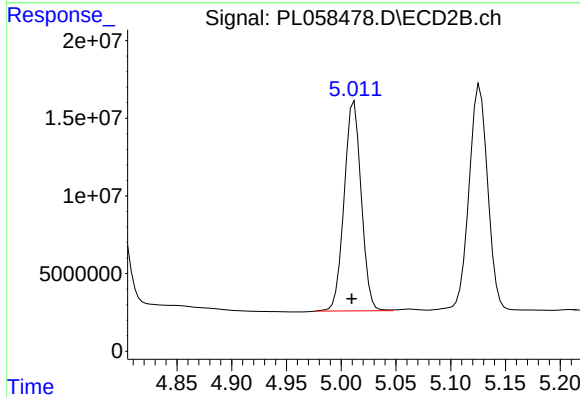
#7 delta-BHC

R.T.: 4.641 min
Delta R.T.: 0.011 min
Response: 774849285
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

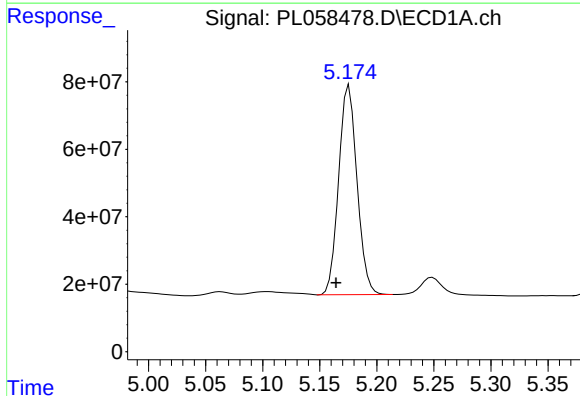
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



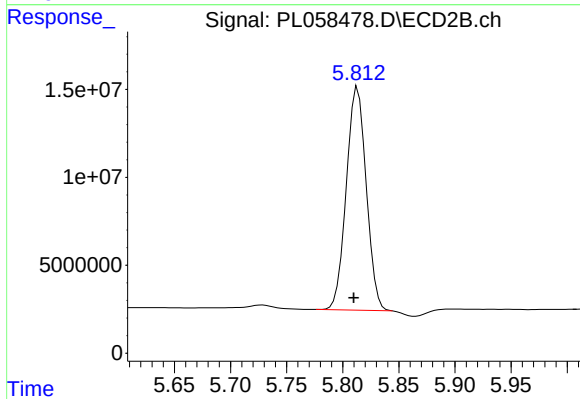
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: 0.002 min
Response: 146660319
Conc: 58.34 ng/ml



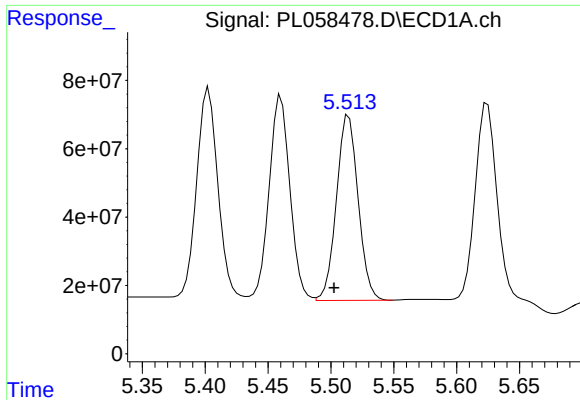
#8 Heptachlor epoxide

R.T.: 5.174 min
Delta R.T.: 0.010 min
Response: 697100887
Conc: 45.90 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.813 min
Delta R.T.: 0.003 min
Response: 156781859
Conc: 48.97 ng/ml



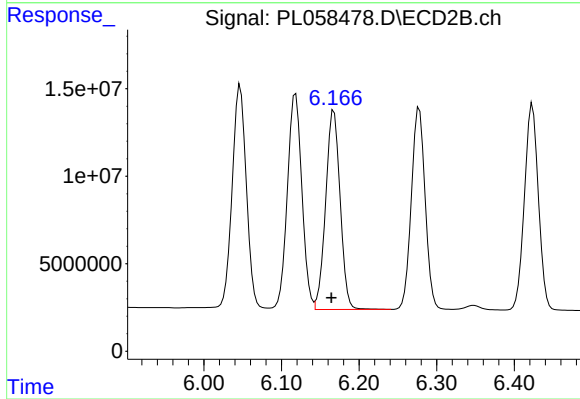
#9 Endosulfan I

R.T.: 5.514 min
Delta R.T.: 0.012 min
Response: 650511026
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

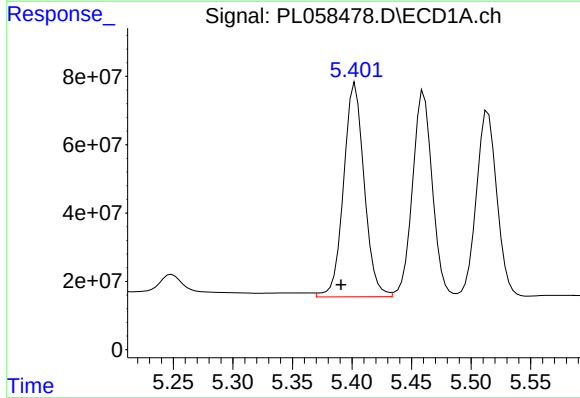
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



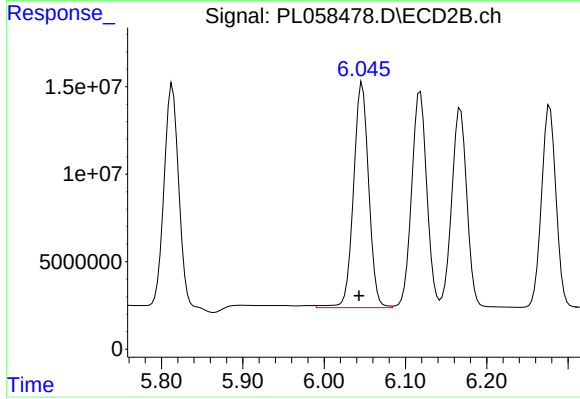
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: 0.003 min
Response: 147666673
Conc: 47.74 ng/ml



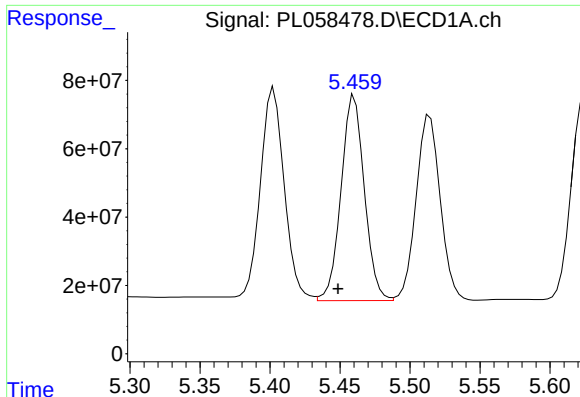
#10 gamma-Chlordane

R.T.: 5.403 min
Delta R.T.: 0.012 min
Response: 754125702
Conc: 48.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.047 min
Delta R.T.: 0.004 min
Response: 166450324
Conc: 49.31 ng/ml



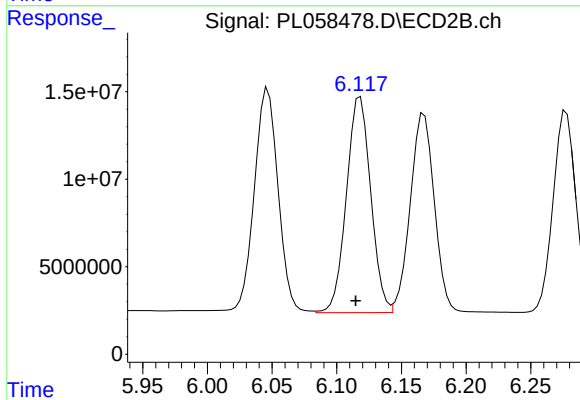
#11 alpha-Chlordane

R.T.: 5.460 min
Delta R.T.: 0.012 min
Response: 696838299
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

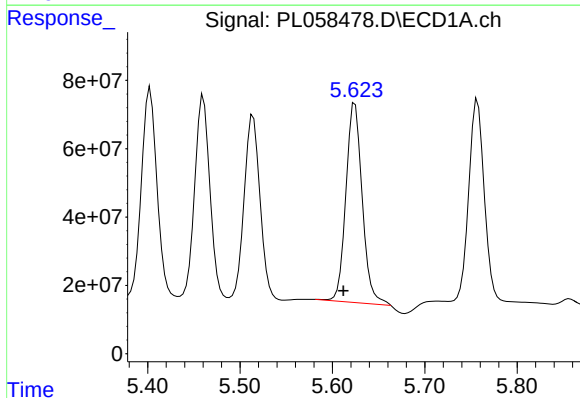
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



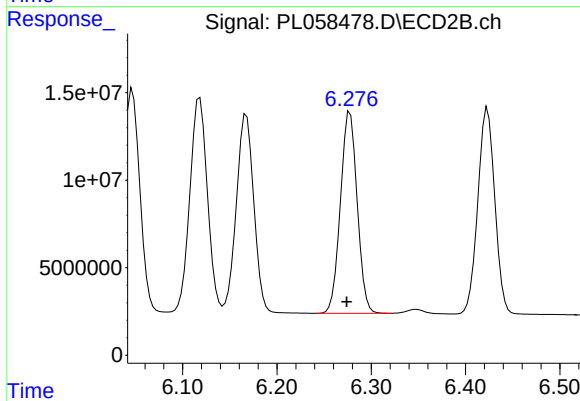
#11 alpha-Chlordane

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 161116965
Conc: 47.38 ng/ml



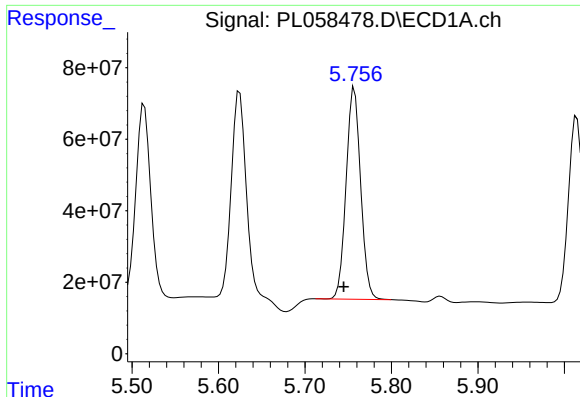
#12 4,4'-DDE

R.T.: 5.624 min
Delta R.T.: 0.013 min
Response: 716588123
Conc: 47.39 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min
Delta R.T.: 0.004 min
Response: 142506298
Conc: 46.72 ng/ml



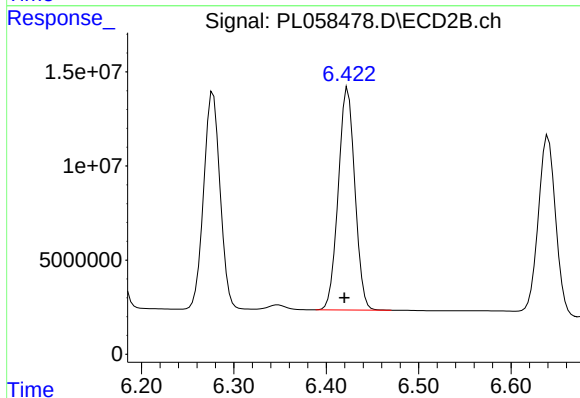
#13 Dieldrin

R.T.: 5.757 min
Delta R.T.: 0.012 min
Response: 687400304
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

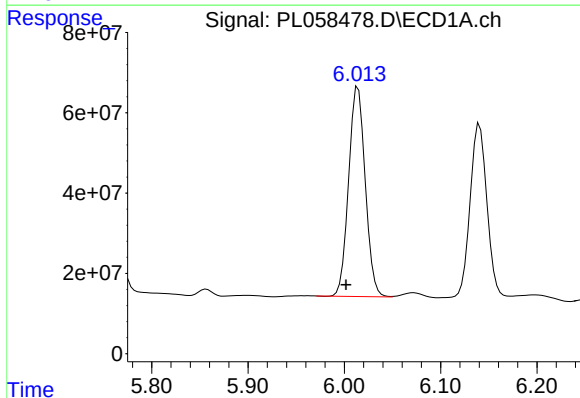
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



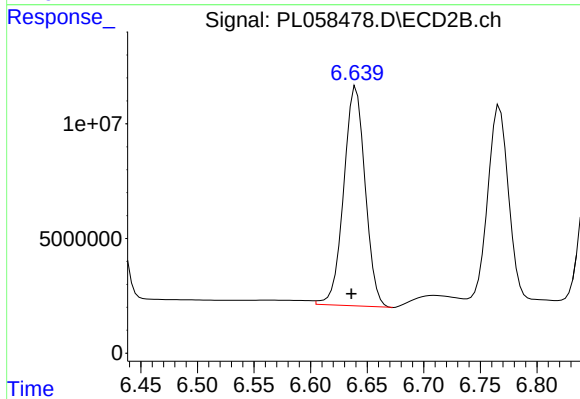
#13 Dieldrin

R.T.: 6.423 min
Delta R.T.: 0.004 min
Response: 147504193
Conc: 47.13 ng/ml



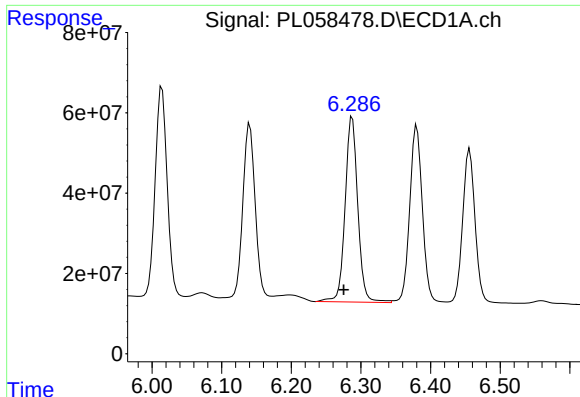
#14 Endrin

R.T.: 6.014 min
Delta R.T.: 0.013 min
Response: 624014751
Conc: 45.90 ng/ml



#14 Endrin

R.T.: 6.640 min
Delta R.T.: 0.004 min
Response: 125785978
Conc: 48.92 ng/ml



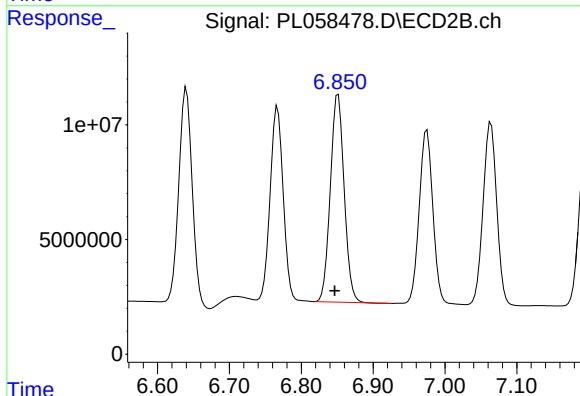
#15 Endosulfan II

R.T.: 6.288 min
Delta R.T.: 0.012 min
Response: 584986768
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

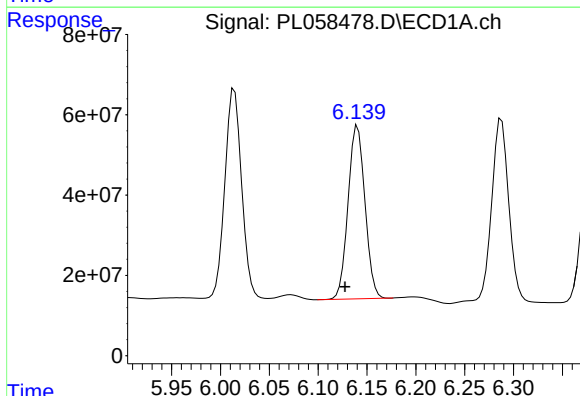
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



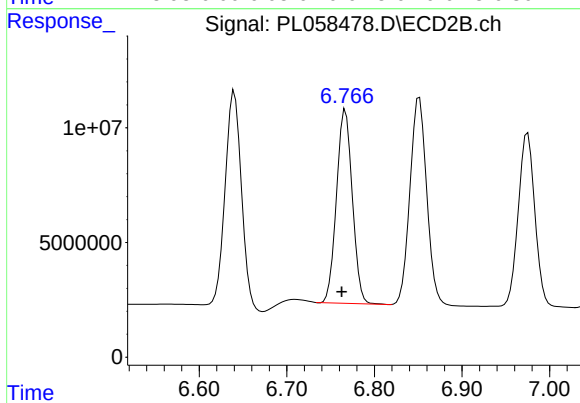
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: 0.005 min
Response: 120777403
Conc: 45.33 ng/ml



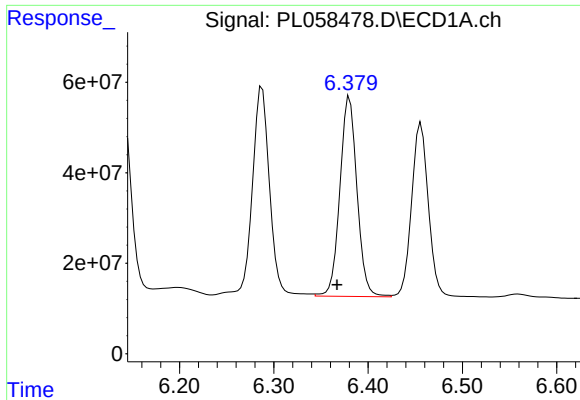
#16 4,4'-DDD

R.T.: 6.141 min
Delta R.T.: 0.013 min
Response: 519783648
Conc: 44.32 ng/ml



#16 4,4'-DDD

R.T.: 6.767 min
Delta R.T.: 0.004 min
Response: 105955128
Conc: 46.62 ng/ml



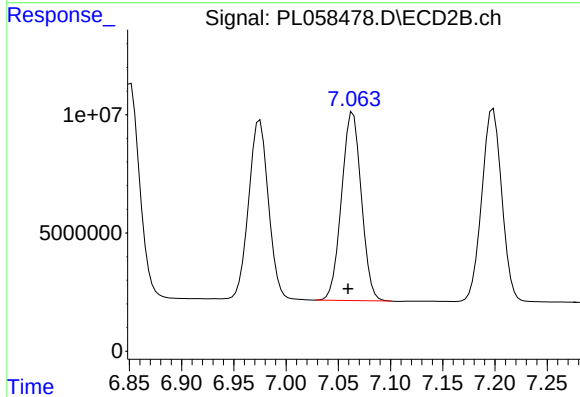
#17 4,4'-DDT

R.T.: 6.380 min
Delta R.T.: 0.013 min
Response: 558095456
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

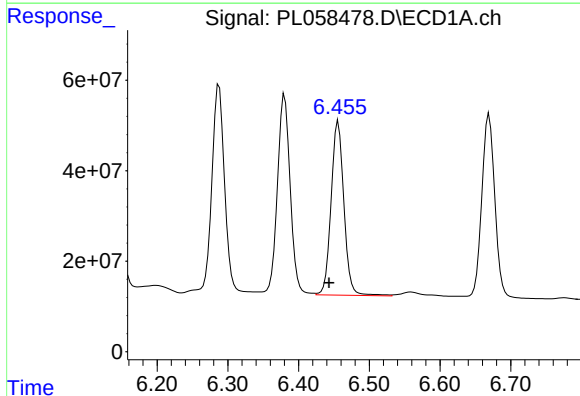
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



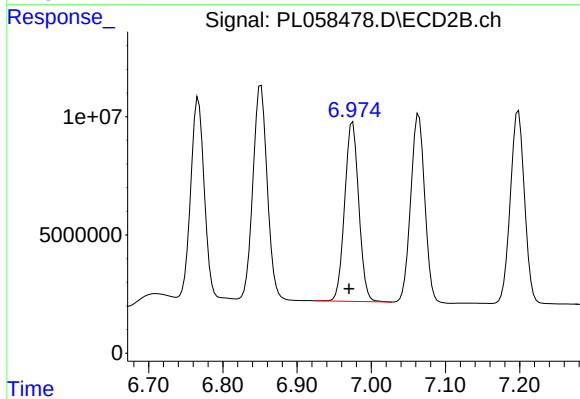
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.005 min
Response: 104614427
Conc: 47.78 ng/ml



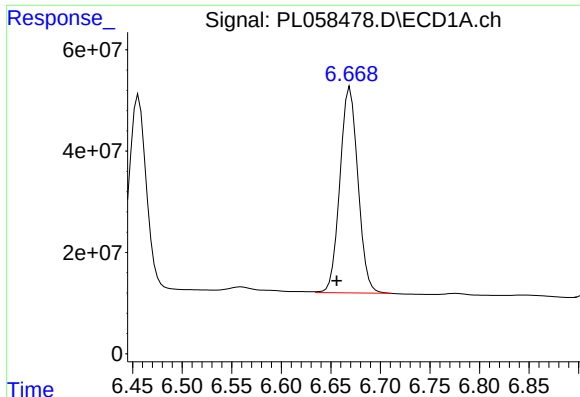
#18 Endrin aldehyde

R.T.: 6.456 min
Delta R.T.: 0.013 min
Response: 484122312
Conc: 45.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: 0.005 min
Response: 100163201
Conc: 45.94 ng/ml



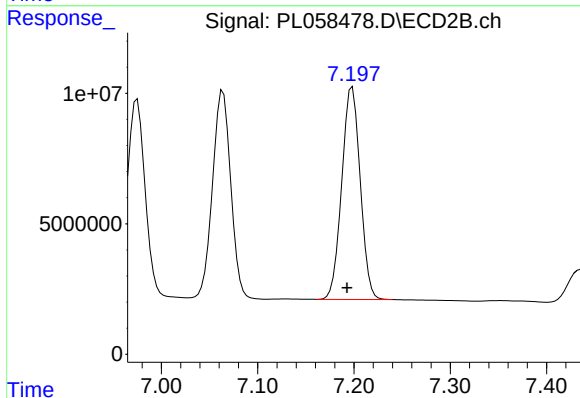
#19 Endosulfan Sulfate

R.T.: 6.669 min
Delta R.T.: 0.014 min
Response: 512042685
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

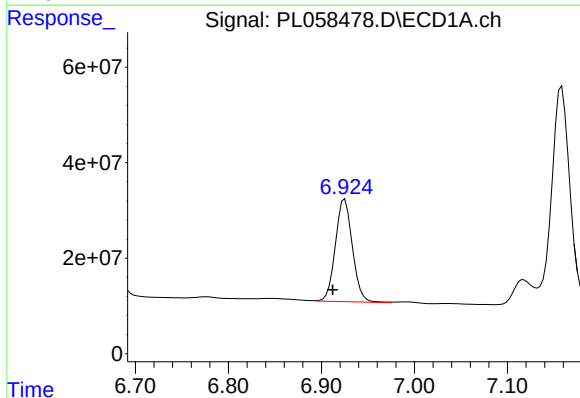
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



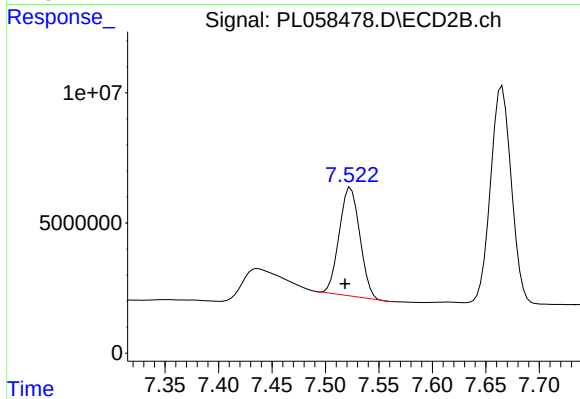
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.006 min
Response: 108230410
Conc: 45.77 ng/ml



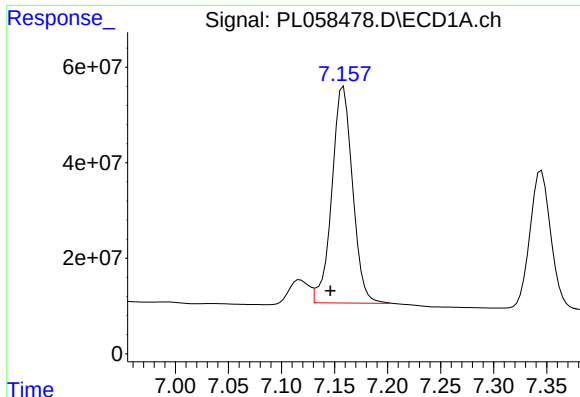
#20 Methoxychlor

R.T.: 6.925 min
Delta R.T.: 0.013 min
Response: 273724472
Conc: 46.07 ng/ml



#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.005 min
Response: 55226303
Conc: 44.56 ng/ml



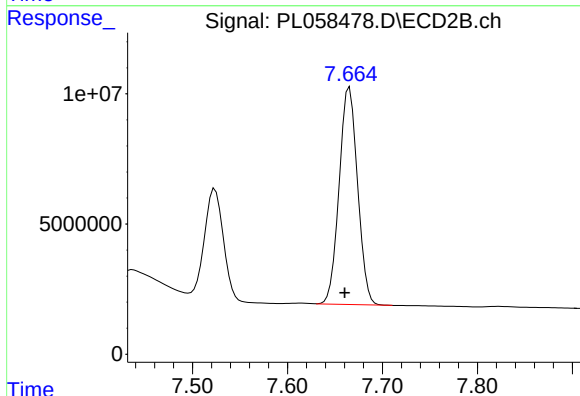
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: 0.011 min
Response: 615145232
Conc: 51.92 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

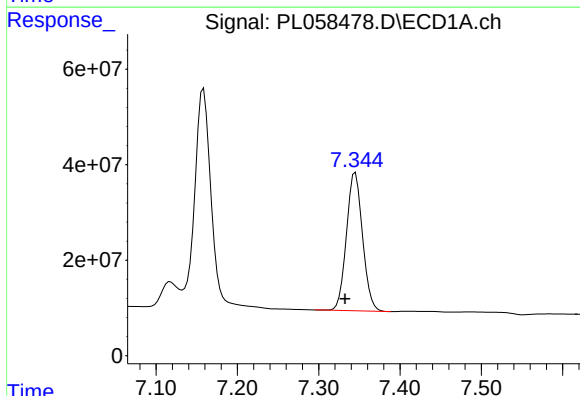
Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



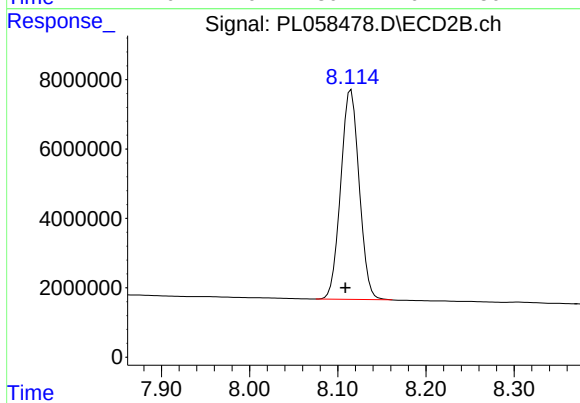
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.005 min
Response: 112700074
Conc: 46.23 ng/ml



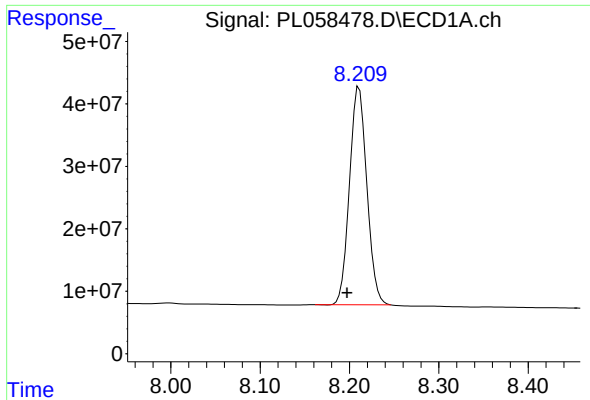
#22 Mirex

R.T.: 7.345 min
Delta R.T.: 0.013 min
Response: 396877817
Conc: 44.86 ng/ml



#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.006 min
Response: 87783941
Conc: 45.97 ng/ml



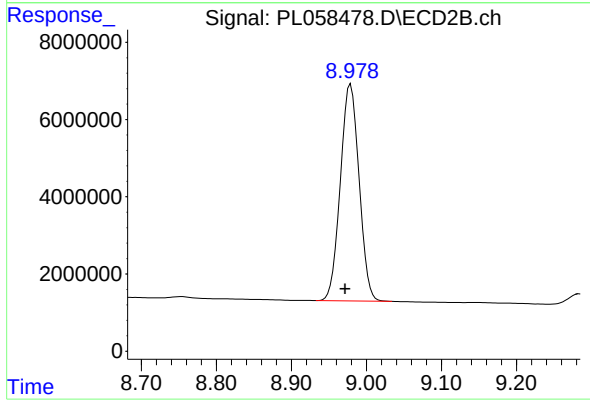
#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: 0.013 min
Response: 471942525
Conc: 43.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
5/4/2020 12:32:40 PM



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: 0.008 min
Response: 97496811
Conc: 43.94 ng/ml