

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113018\
 Data File : PL042627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2018 15:50
 Operator : AJ\SJ
 Sample : PB115197BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB115197BS

Manual Integrations
 APPROVED

mohammad
 12/3/2018 12:45:16 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 00:09:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112018.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 20 02:29:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.467	4.100	97744710	53658669	16.613	18.657
28)	SA Decachlor...	8.206	9.231	104.9E6	39386544	16.650	16.330
Target Compounds							
2)	A alpha-BHC	3.907	4.496	429.6E6	205.6E6	47.611	48.013
3)	MA gamma-BHC...	4.190	4.785	392.1E6	190.2E6	47.579	48.138
4)	MA Heptachlor	4.486	5.300	377.3E6	173.5E6	43.365	44.222
5)	MB Aldrin	4.732	5.609	393.8E6	188.1E6	48.508	48.974
6)	B beta-BHC	4.444	4.954	165.4E6	78439935	46.683	49.717
7)	B delta-BHC	4.646	5.173	309.9E6	156.9E6	40.463	42.630m
8)	B Heptachlor...	5.176	5.997	363.7E6	168.9E6	47.985	47.107
9)	A Endosulfan I	5.513	6.358	330.0E6	154.4E6	47.684	48.896
10)	B gamma-Chl...	5.401	6.232	368.3E6	165.7E6	48.302	48.676
11)	B alpha-Chl...	5.458	6.306	355.4E6	163.2E6	47.350	48.808
12)	B 4,4'-DDE	5.625	6.460	323.5E6	165.4E6	49.419	49.709
13)	MA Dieldrin	5.756	6.616	354.8E6	162.5E6	48.231	48.806
14)	MA Endrin	6.012	6.836	274.0E6	114.2E6	41.900	41.470
15)	B Endosulfa...	6.287	7.044	302.8E6	135.0E6	48.450	48.888
16)	A 4,4'-DDD	6.141	6.953	289.1E6	141.7E6	54.602	53.842
17)	MA 4,4'-DDT	6.379	7.253	204.7E6	95900925	36.762	36.318
18)	B Endrin al...	6.455	7.168	254.8E6	114.6E6	49.017	49.998
19)	B Endosulfa...	6.668	7.392	288.5E6	125.8E6	46.241	45.219
20)	A Methoxychlor	6.926	7.709	111.9E6	46204743	35.492	33.888
21)	B Endrin ke...	7.157	7.866	346.8E6	137.9E6	50.081	49.904

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113018\
Data File : PL042627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Nov 2018 15:50
Operator : AJ\SJ
Sample : PB115197BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

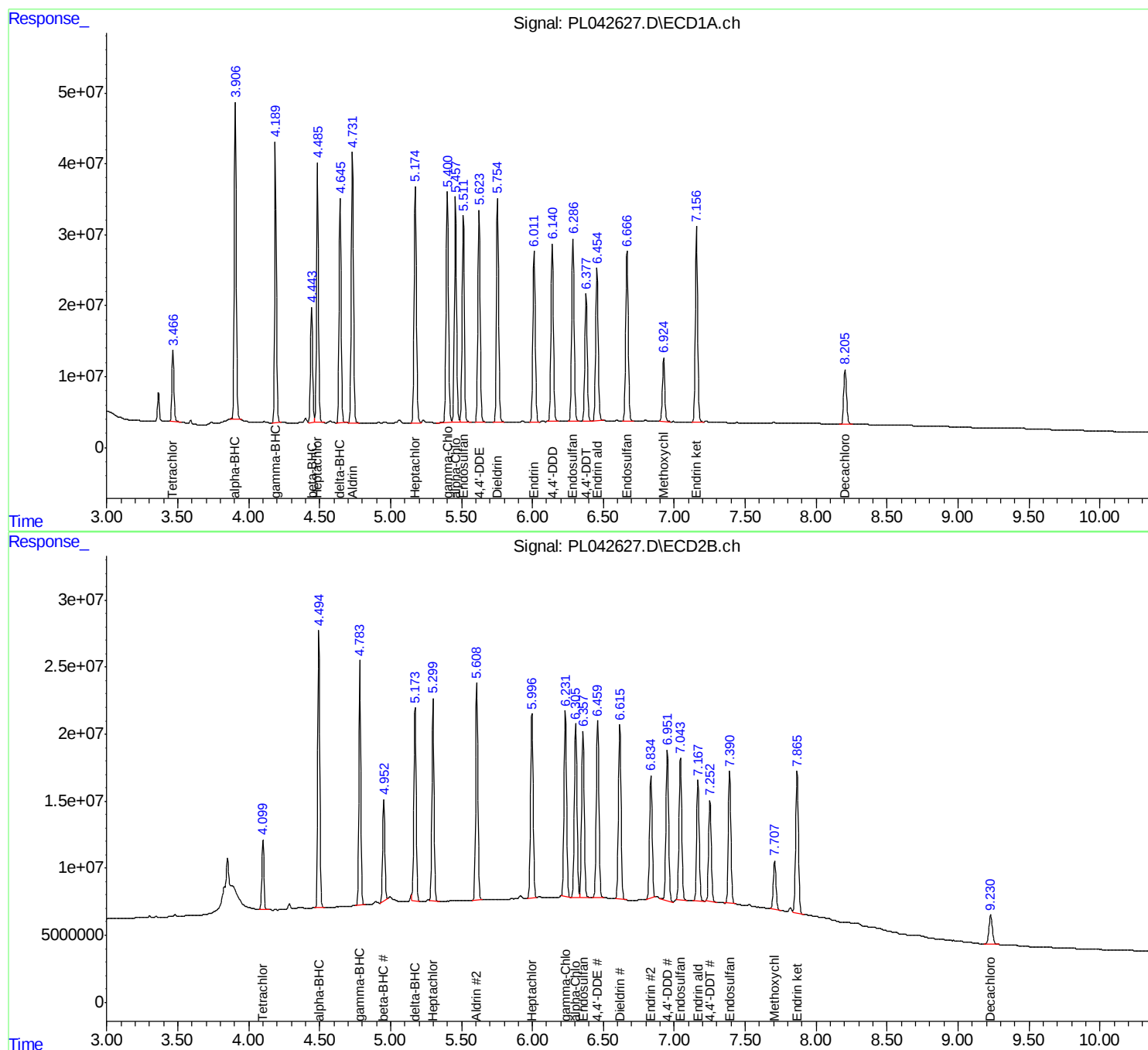
Instrument :
ECD_L
ClientSampleId :
PB115197BS

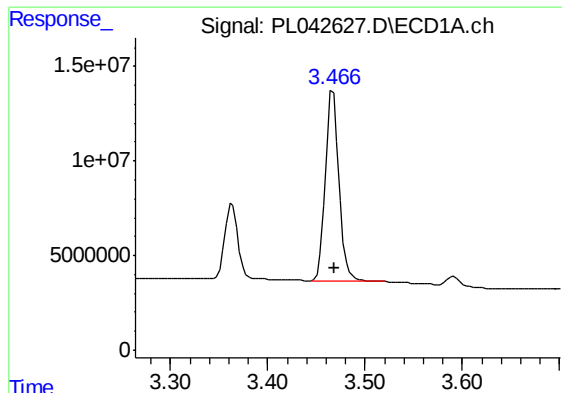
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 00:09:06 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112018.M
Quant Title : GC Extractables
QLast Update : Tue Nov 20 02:29:59 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





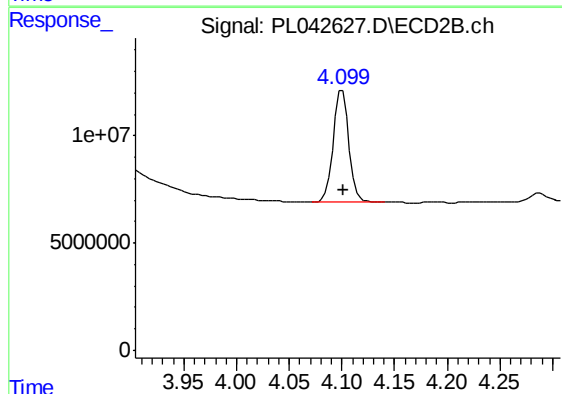
#1 Tetrachloro-m-xylene

R.T.: 3.467 min
Delta R.T.: -0.001 min
Response: 97744710
Conc: 16.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

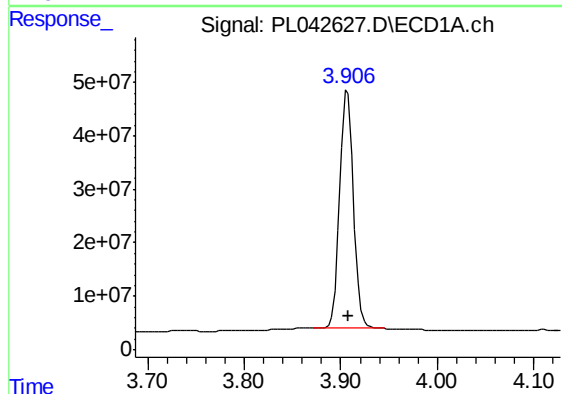
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



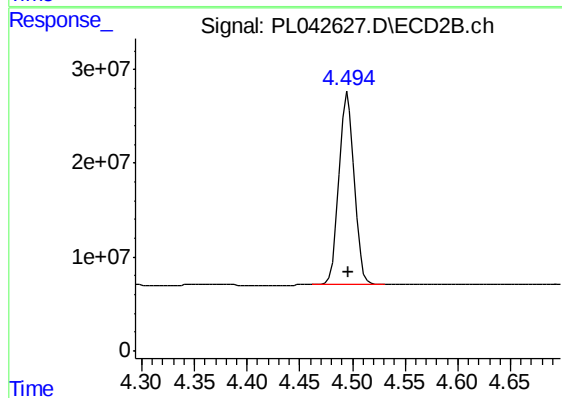
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.001 min
Response: 53658669
Conc: 18.66 ng/ml



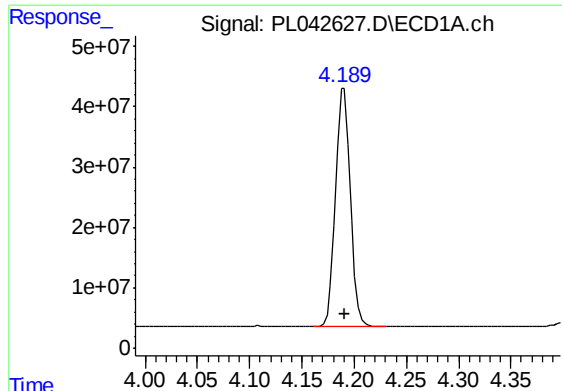
#2 alpha-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 429603918
Conc: 47.61 ng/ml



#2 alpha-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 205615834
Conc: 48.01 ng/ml



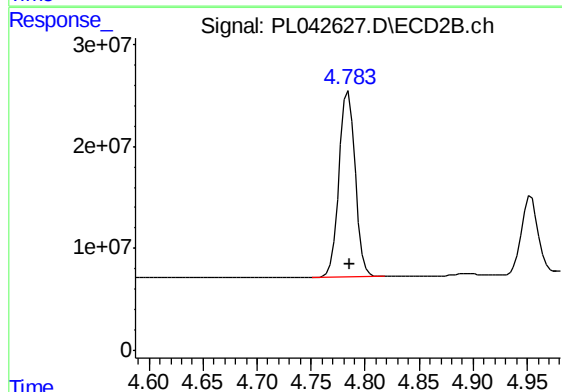
#3 gamma-BHC (Lindane)

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 392140189
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

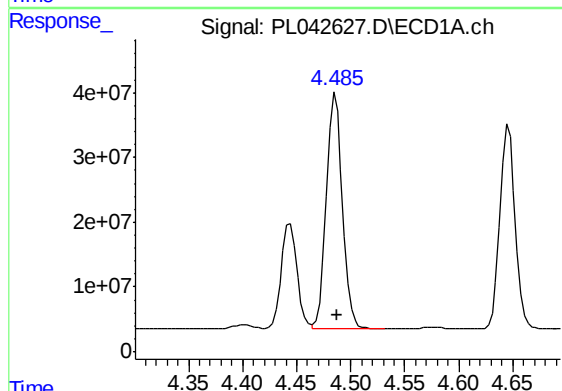
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



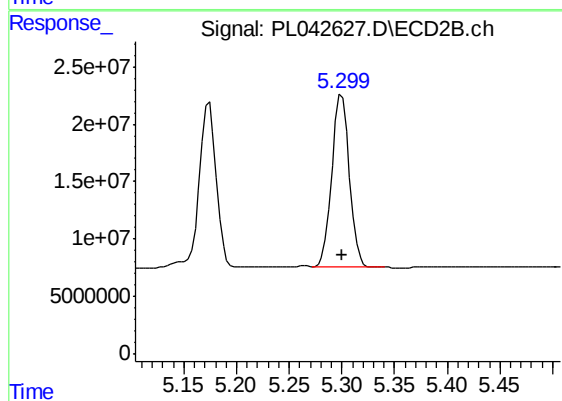
#3 gamma-BHC (Lindane)

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 190224352
Conc: 48.14 ng/ml



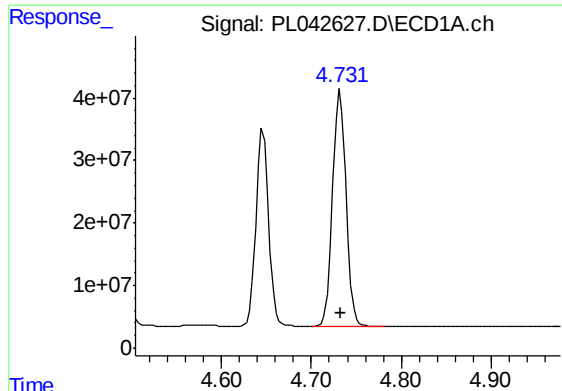
#4 Heptachlor

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 377336541
Conc: 43.37 ng/ml



#4 Heptachlor

R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 173474977
Conc: 44.22 ng/ml



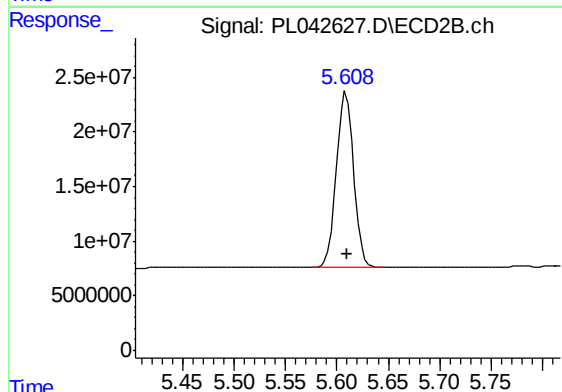
#5 Aldrin

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 393834995
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

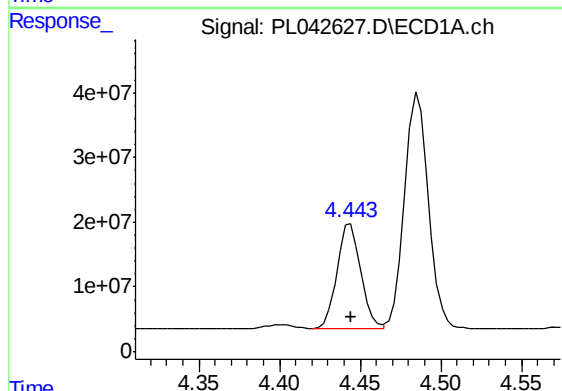
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



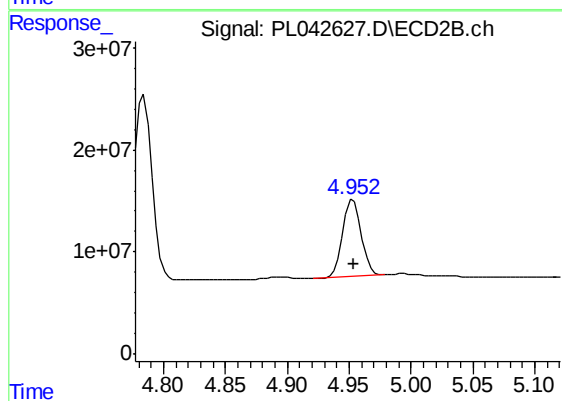
#5 Aldrin

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 188078856
Conc: 48.97 ng/ml



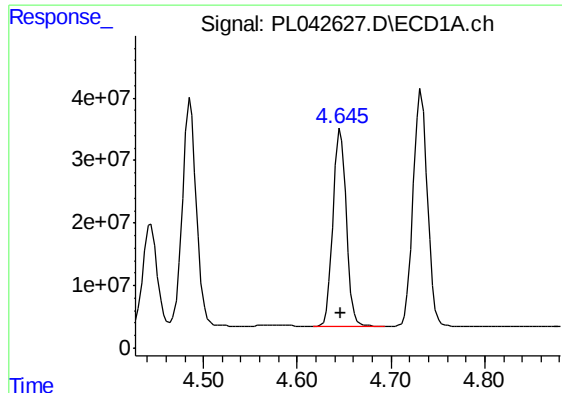
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 165388165
Conc: 46.68 ng/ml



#6 beta-BHC

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 78439935
Conc: 49.72 ng/ml



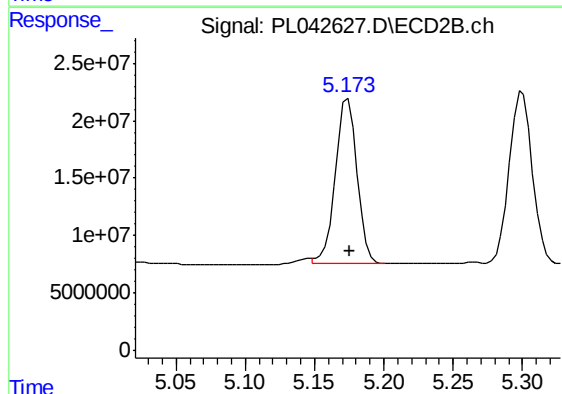
#7 delta-BHC

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 309865689
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

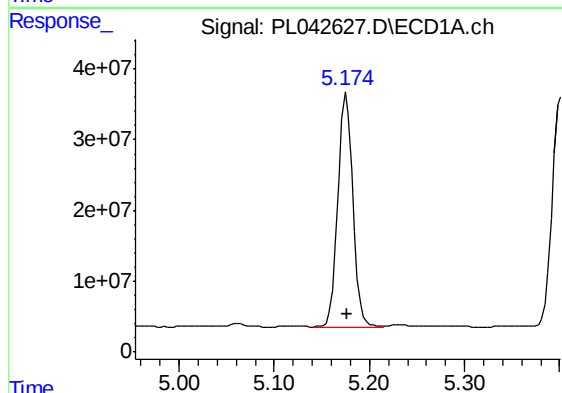
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



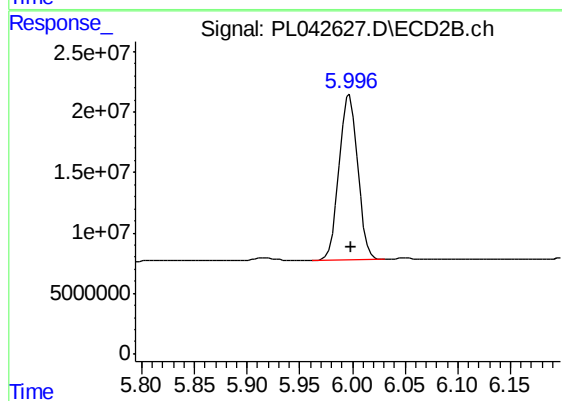
#7 delta-BHC

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 156884927
Conc: 42.63 ng/ml m



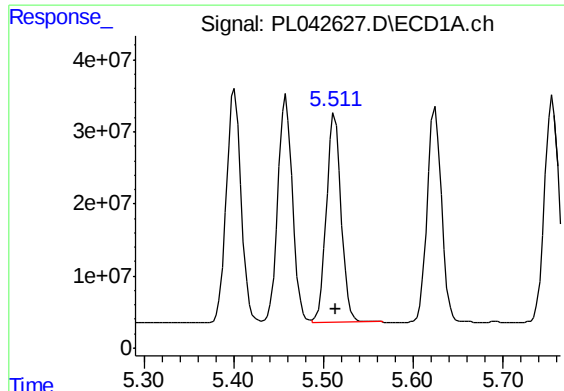
#8 Heptachlor epoxide

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 363705890
Conc: 47.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 168905931
Conc: 47.11 ng/ml



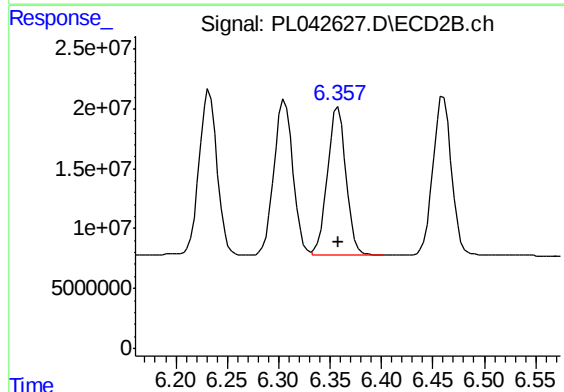
#9 Endosulfan I

R.T.: 5.513 min
Delta R.T.: -0.001 min
Response: 329987616
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

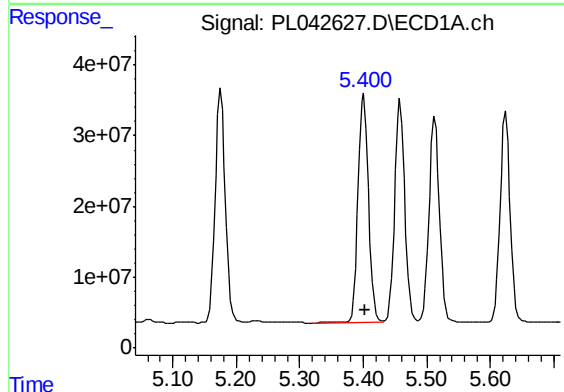
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



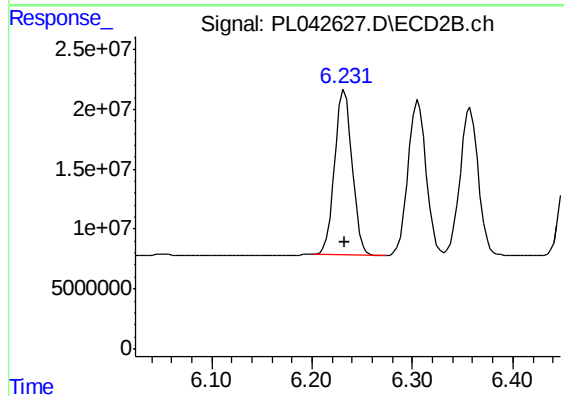
#9 Endosulfan I

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 154416466
Conc: 48.90 ng/ml



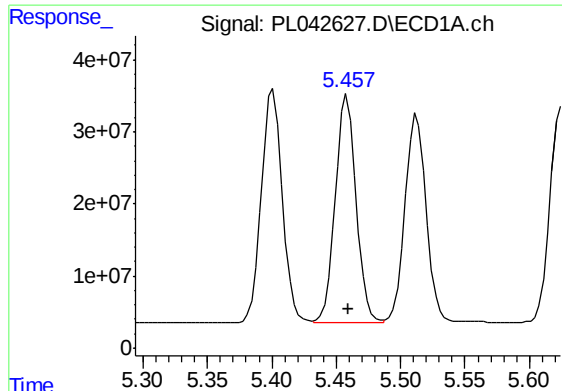
#10 gamma-Chlordane

R.T.: 5.401 min
Delta R.T.: -0.001 min
Response: 368284723
Conc: 48.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 165712167
Conc: 48.68 ng/ml



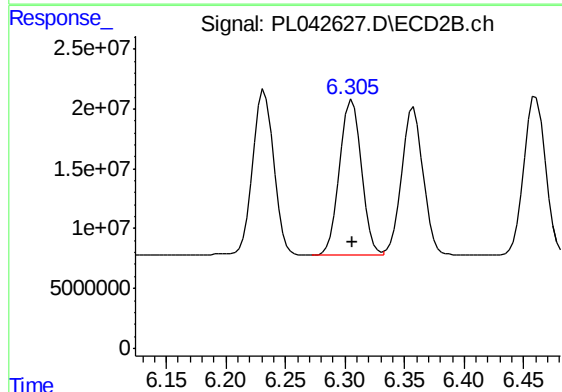
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 355443876
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

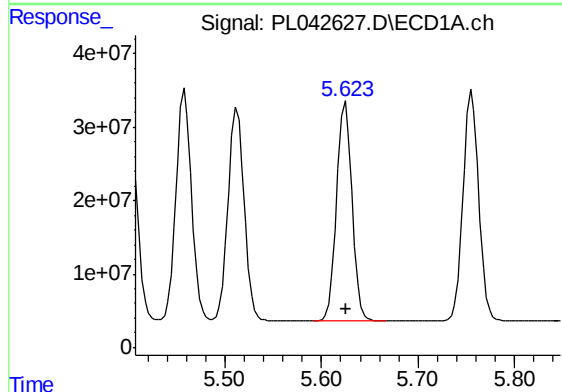
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



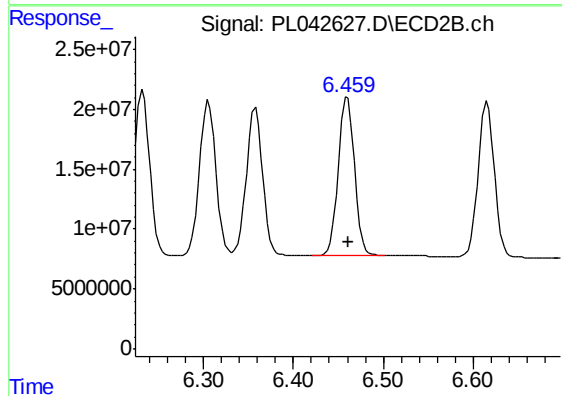
#11 alpha-Chlordane

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 163205396
Conc: 48.81 ng/ml



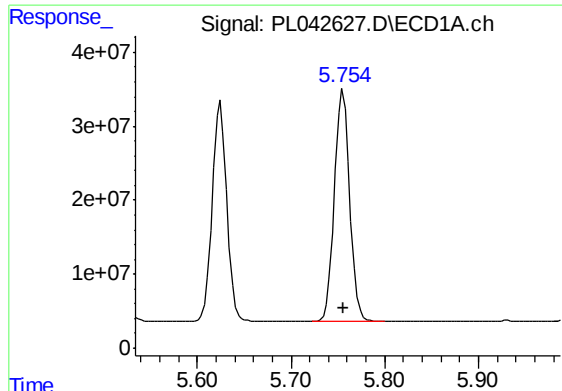
#12 4,4'-DDE

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 323451958
Conc: 49.42 ng/ml



#12 4,4'-DDE

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 165438561
Conc: 49.71 ng/ml



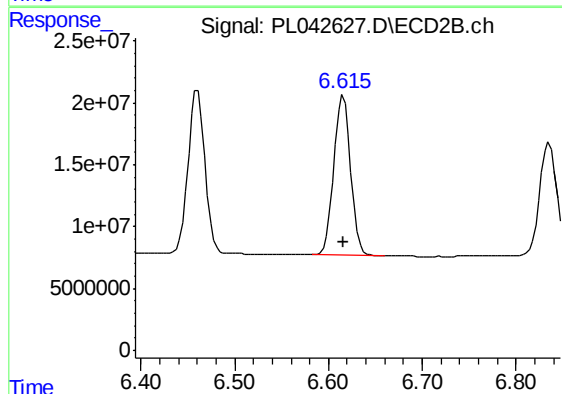
#13 Dieldrin

R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 354820798
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

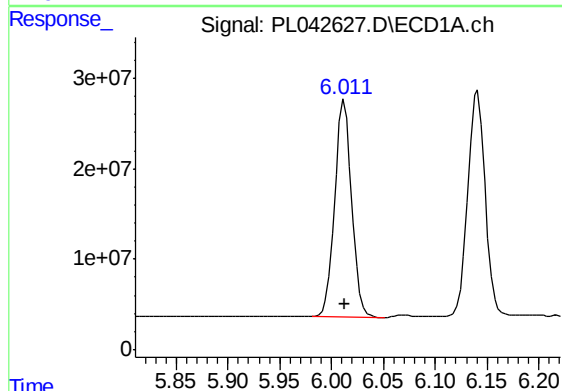
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



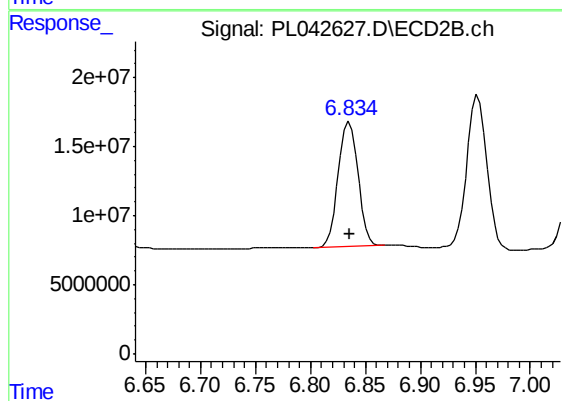
#13 Dieldrin

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 162453270
Conc: 48.81 ng/ml



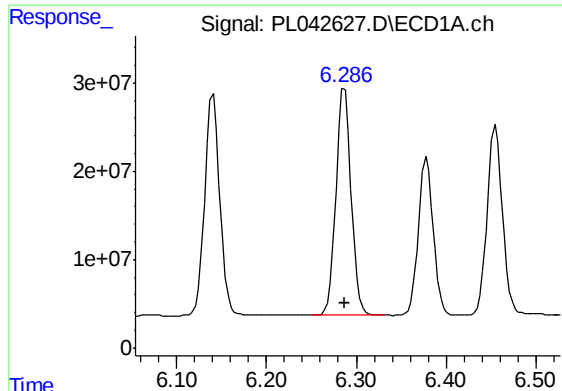
#14 Endrin

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 274041070
Conc: 41.90 ng/ml



#14 Endrin

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 114230783
Conc: 41.47 ng/ml



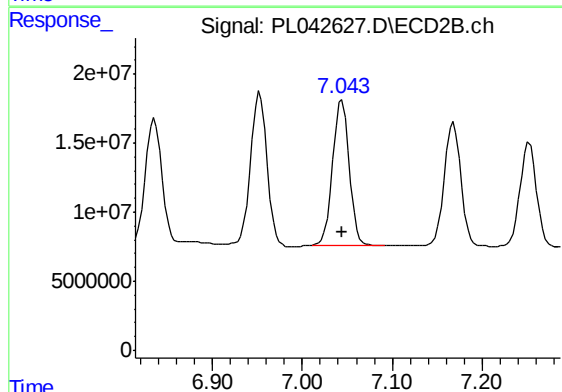
#15 Endosulfan II

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 302833465
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

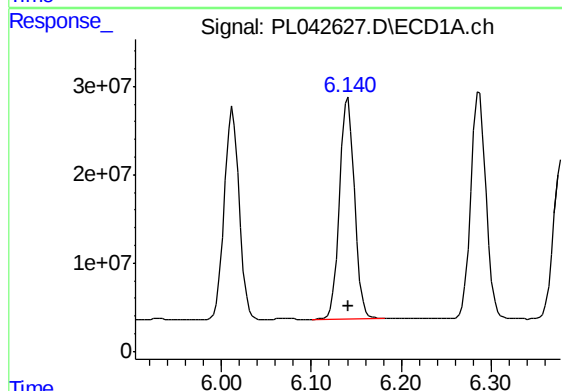
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



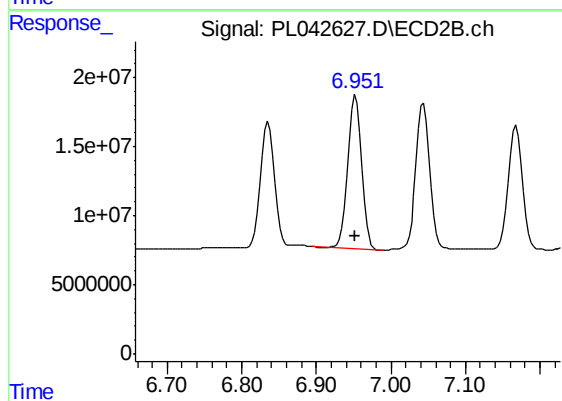
#15 Endosulfan II

R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 135015370
Conc: 48.89 ng/ml



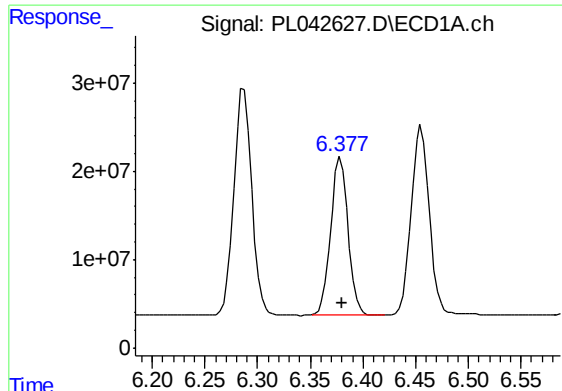
#16 4,4'-DDD

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 289108032
Conc: 54.60 ng/ml



#16 4,4'-DDD

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 141720790
Conc: 53.84 ng/ml



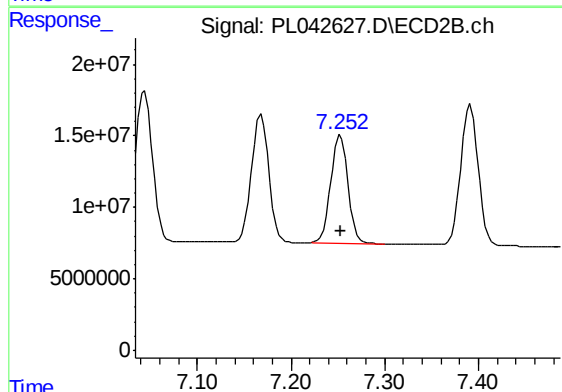
#17 4,4'-DDT

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 204650033
Conc: 36.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

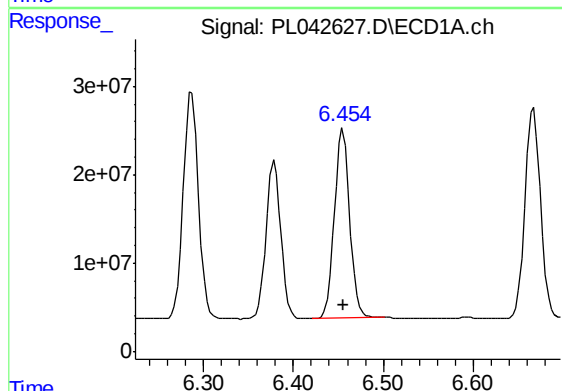
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



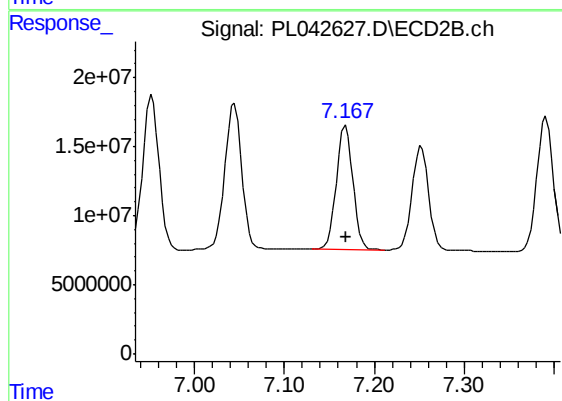
#17 4,4'-DDT

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 95900925
Conc: 36.32 ng/ml



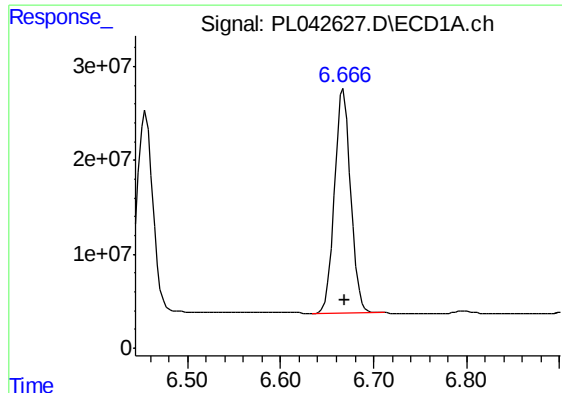
#18 Endrin aldehyde

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 254824961
Conc: 49.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 114625919
Conc: 50.00 ng/ml



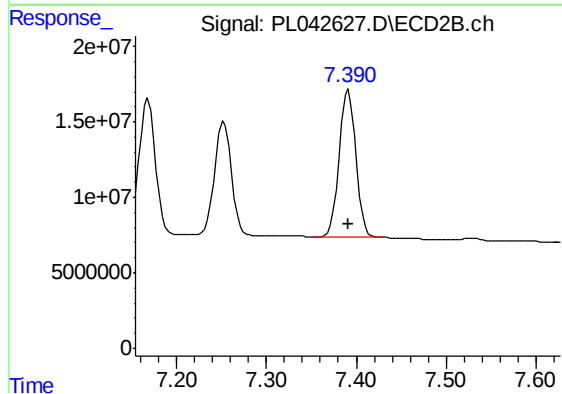
#19 Endosulfan Sulfate

R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 288515811
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

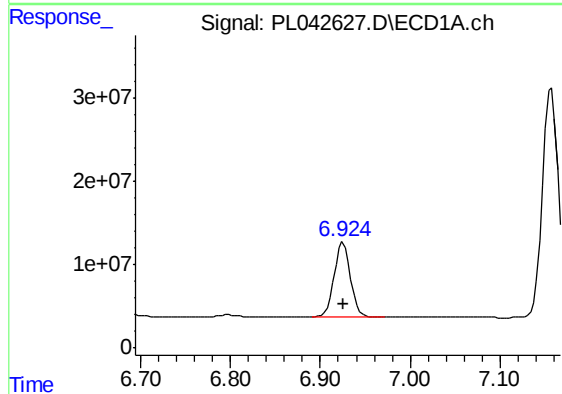
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



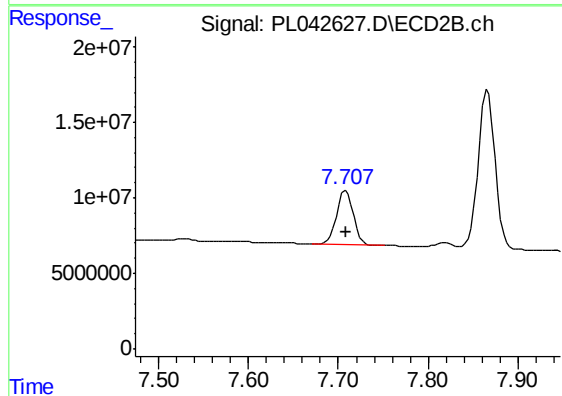
#19 Endosulfan Sulfate

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 125755988
Conc: 45.22 ng/ml



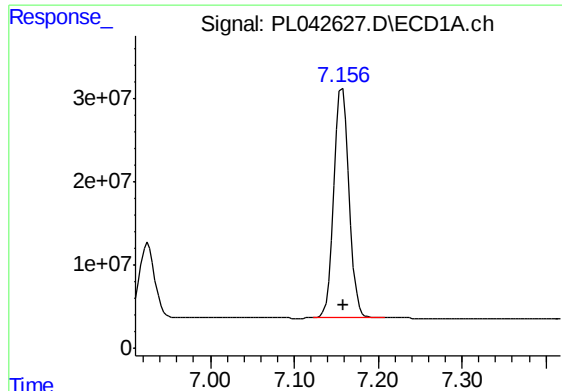
#20 Methoxychlor

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 111934863
Conc: 35.49 ng/ml



#20 Methoxychlor

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 46204743
Conc: 33.89 ng/ml



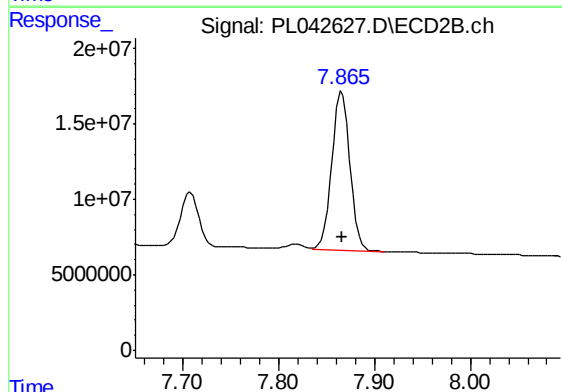
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 346781192
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115197BS

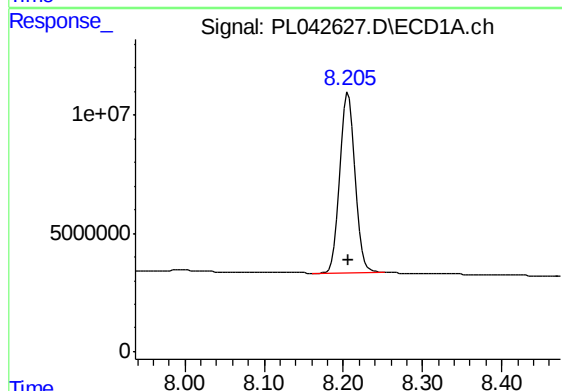
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:16 PM



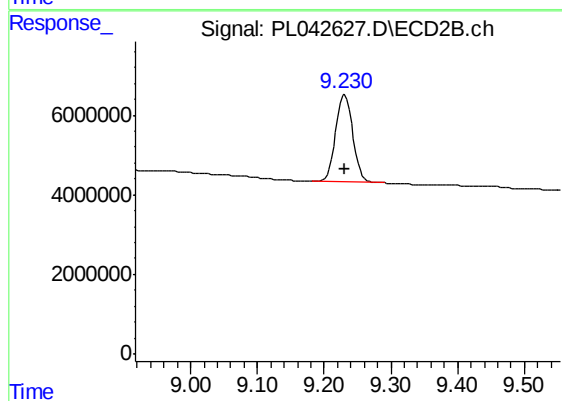
#21 Endrin ketone

R.T.: 7.866 min
Delta R.T.: 0.000 min
Response: 137931827
Conc: 49.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 104932197
Conc: 16.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 39386544
Conc: 16.33 ng/ml