

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113018\
 Data File : PL042648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2018 02:15
 Operator : AJ\SJ
 Sample : PB115214BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB115214BS

Manual Integrations
 APPROVED

mohammad
 12/3/2018 12:45:47 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 02:52:00 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...	3.466	4.101	120.3E6	66081256	20.445	22.976
28)	SA Decachlor...	8.203	9.231	121.2E6	47755440	19.237	19.800
Target Compounds							
2)	A alpha-BHC	3.906	4.496	461.9E6	226.5E6	51.192	52.887
3)	MA gamma-BHC...	4.189	4.785	423.1E6	209.7E6	51.338	53.069
4)	MA Heptachlor	4.484	5.300	389.4E6	191.8E6	44.755	48.904
5)	MB Aldrin	4.730	5.609	424.3E6	208.6E6	52.266	54.321
6)	B beta-BHC	4.442	4.954	175.5E6	87075893	49.525	55.191
7)	B delta-BHC	4.644	5.173	333.0E6	174.7E6	43.488	47.478m
8)	B Heptachlor...	5.173	5.998	392.3E6	191.1E6	51.754	53.291
9)	A Endosulfan I	5.511	6.358	361.2E6	171.7E6	52.193	54.355
10)	B gamma-Chl...	5.399	6.233	396.2E6	183.8E6	51.965	53.983
11)	B alpha-Chl...	5.457	6.306	384.1E6	181.5E6	51.172	54.279
12)	B 4,4'-DDE	5.622	6.460	356.5E6	182.5E6	54.470	54.837
13)	MA Dieldrin	5.753	6.616	386.1E6	183.1E6	52.487	55.018
14)	MA Endrin	6.010	6.836	291.4E6	118.8E6	44.550	43.136
15)	B Endosulfa...	6.285	7.045	327.1E6	147.5E6	52.329	53.417
16)	A 4,4'-DDD	6.138	6.953	316.6E6	151.4E6	59.802	57.502
17)	MA 4,4'-DDT	6.377	7.253	210.7E6	100.7E6	37.853	38.151
18)	B Endrin al...	6.453	7.169	279.2E6	125.5E6	53.708	54.750
19)	B Endosulfa...	6.665	7.392	309.9E6	135.4E6	49.671	48.679
20)	A Methoxychlor	6.923	7.709	111.9E6	49571739	35.480	36.358
21)	B Endrin ke...	7.155	7.866	363.5E6	149.8E6	52.497	54.206

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113018\
Data File : PL042648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2018 02:15
Operator : AJ\SJ
Sample : PB115214BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

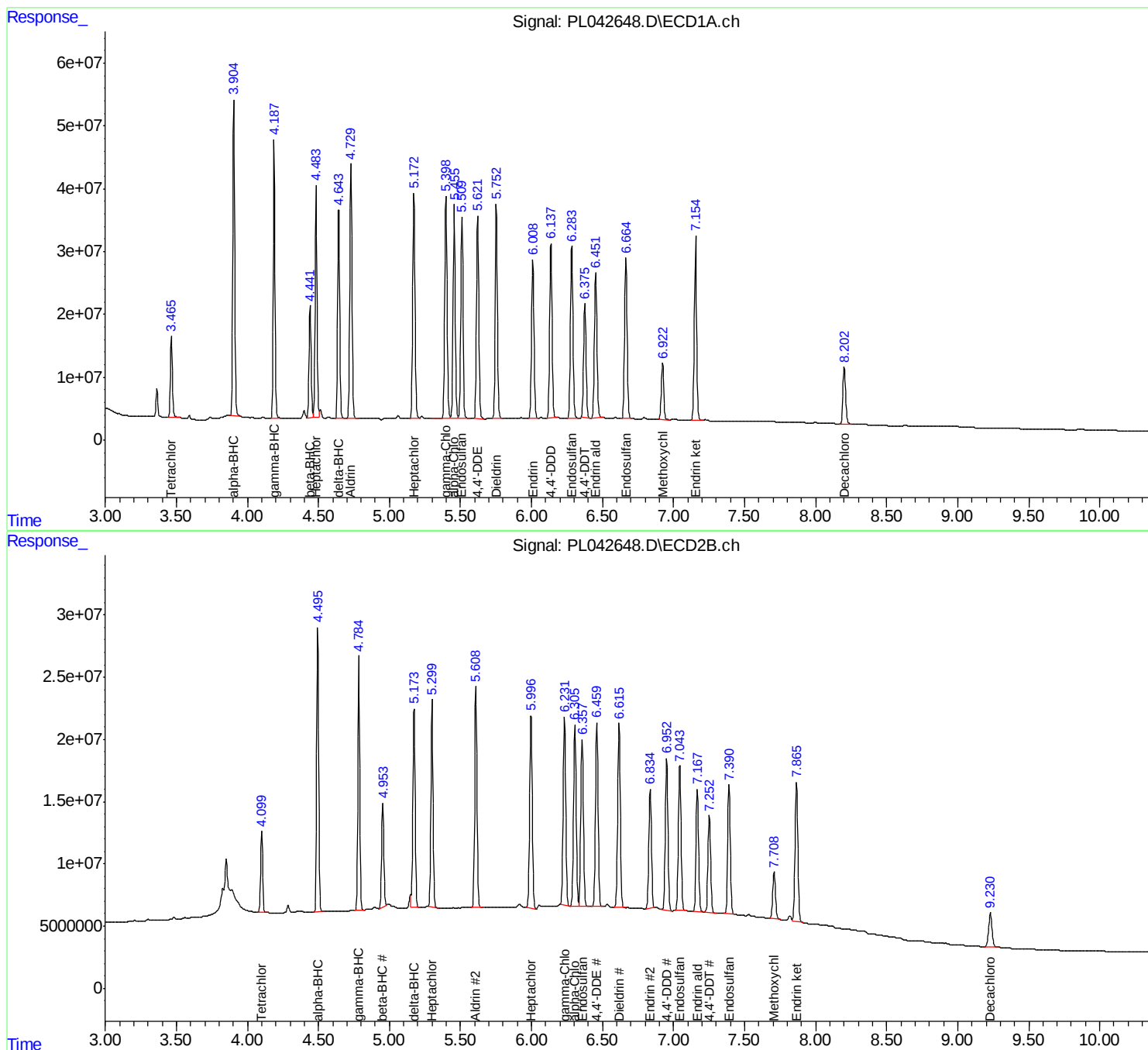
Instrument :
ECD_L
ClientSampleId :
PB115214BS

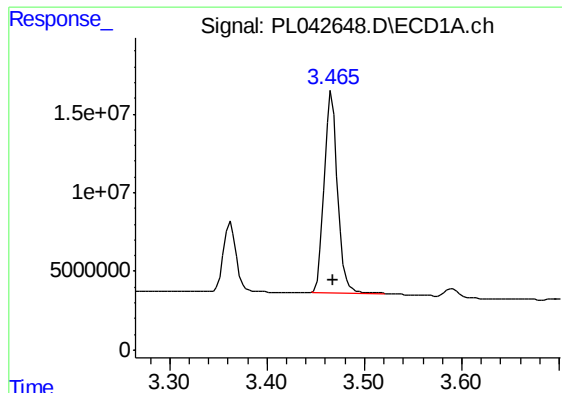
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 02:52:00 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





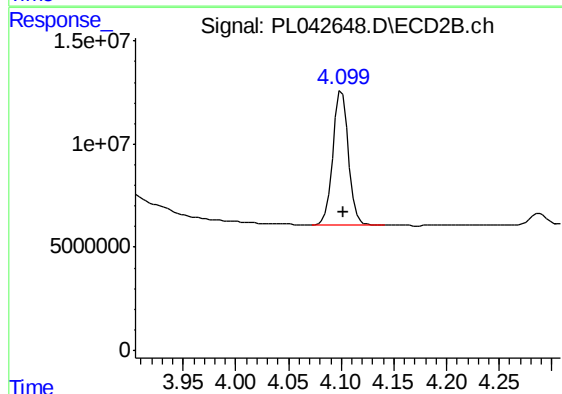
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: -0.002 min
Response: 120285498
Conc: 20.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

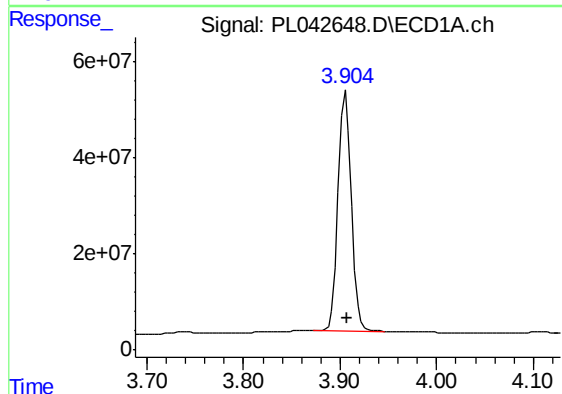
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



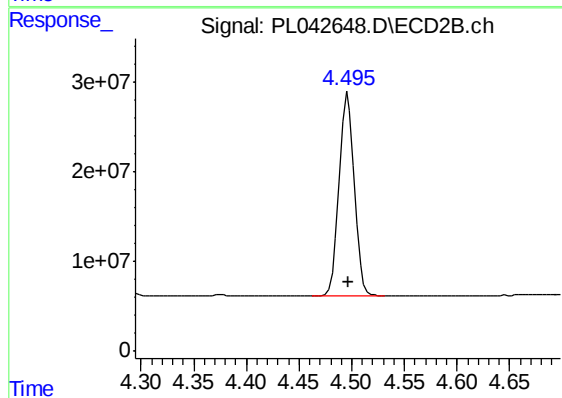
#1 Tetrachloro-m-xylene

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 66081256
Conc: 22.98 ng/ml



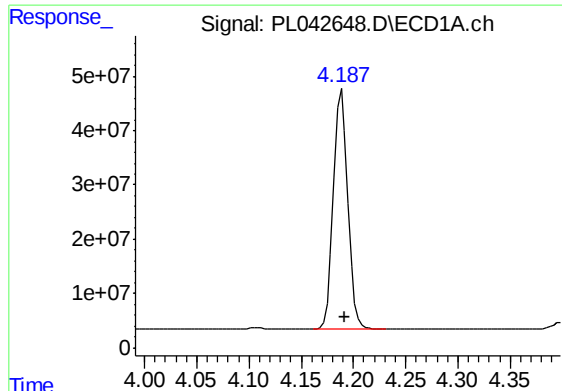
#2 alpha-BHC

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 461921131
Conc: 51.19 ng/ml



#2 alpha-BHC

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 226487845
Conc: 52.89 ng/ml



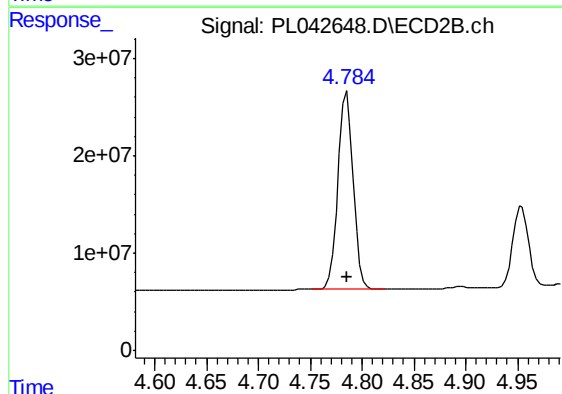
#3 gamma-BHC (Lindane)

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 423122938
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

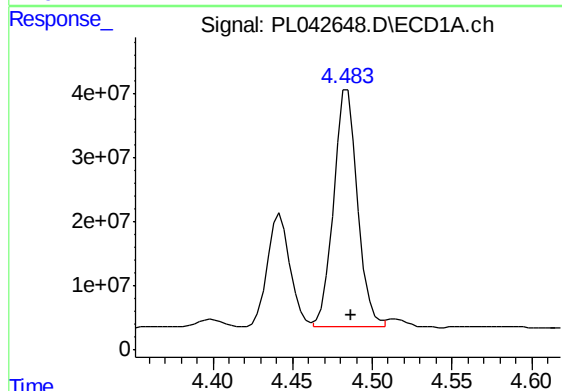
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



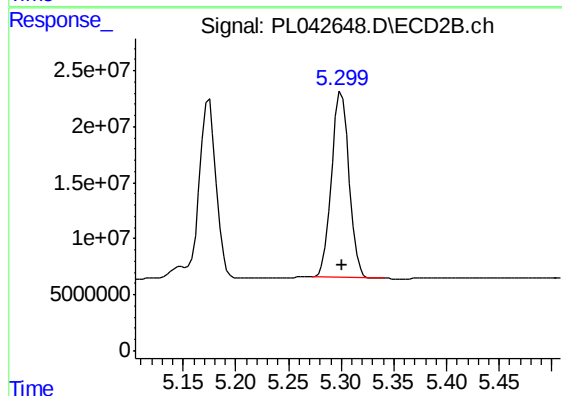
#3 gamma-BHC (Lindane)

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 209706617
Conc: 53.07 ng/ml



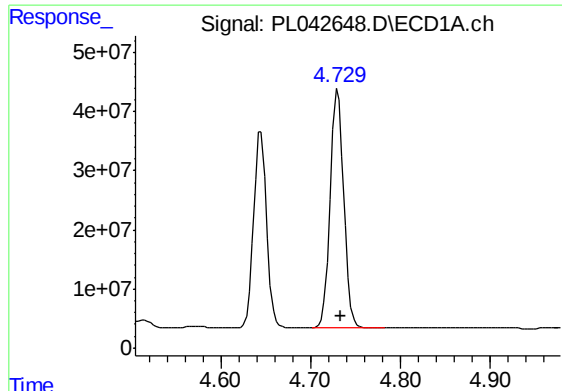
#4 Heptachlor

R.T.: 4.484 min
Delta R.T.: -0.002 min
Response: 389427419
Conc: 44.75 ng/ml



#4 Heptachlor

R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 191840757
Conc: 48.90 ng/ml



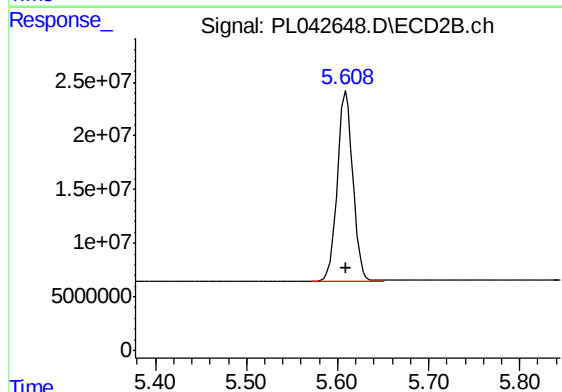
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 424347807
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

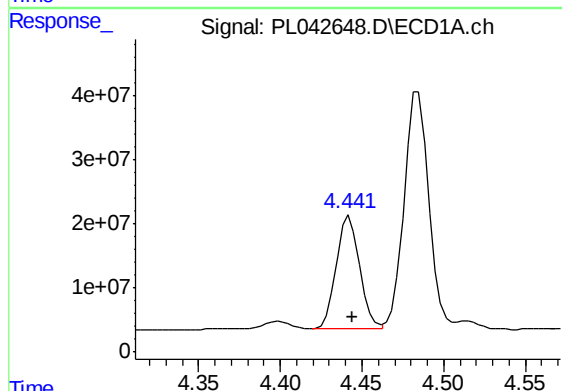
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



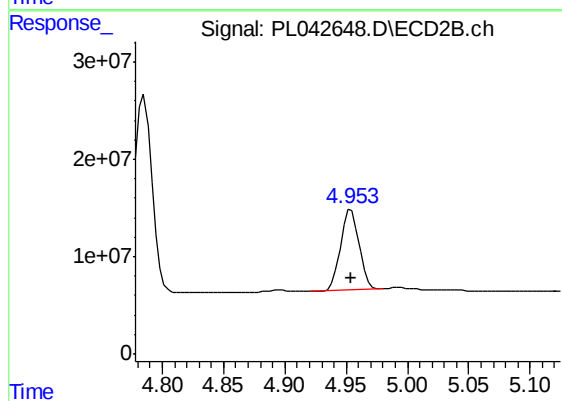
#5 Aldrin

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 208614314
Conc: 54.32 ng/ml



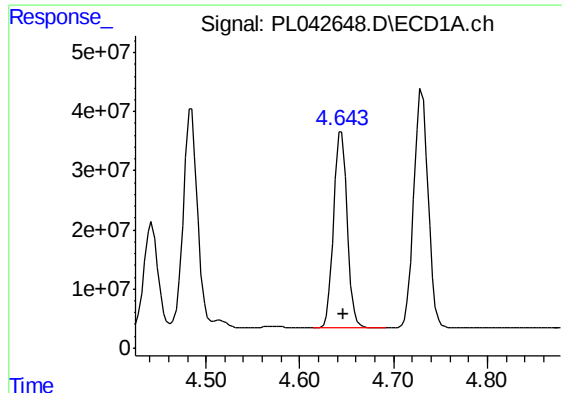
#6 beta-BHC

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 175455006
Conc: 49.53 ng/ml



#6 beta-BHC

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 87075893
Conc: 55.19 ng/ml



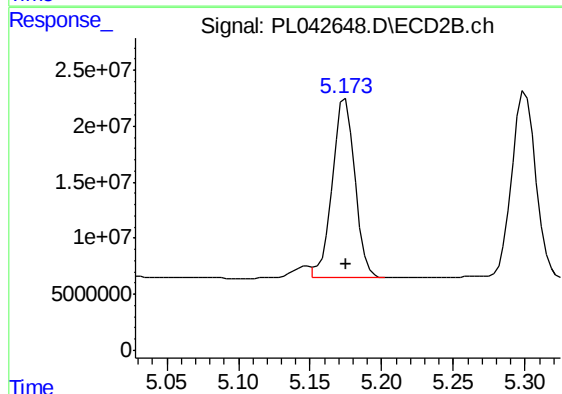
#7 delta-BHC

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 333027154
Conc: 43.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

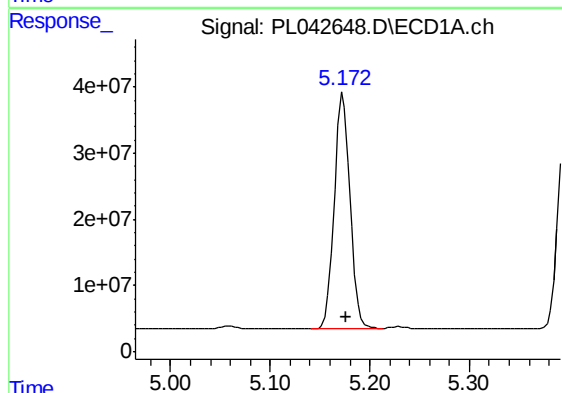
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



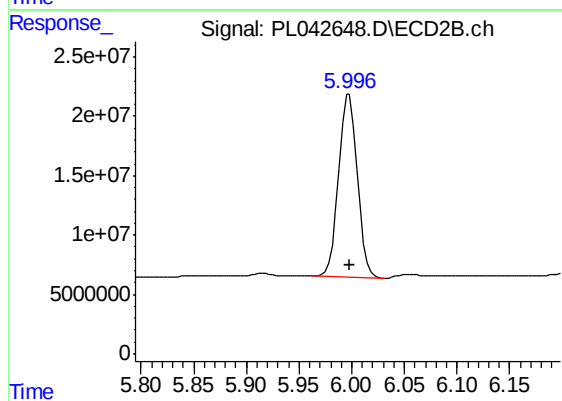
#7 delta-BHC

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 174725141
Conc: 47.48 ng/ml m



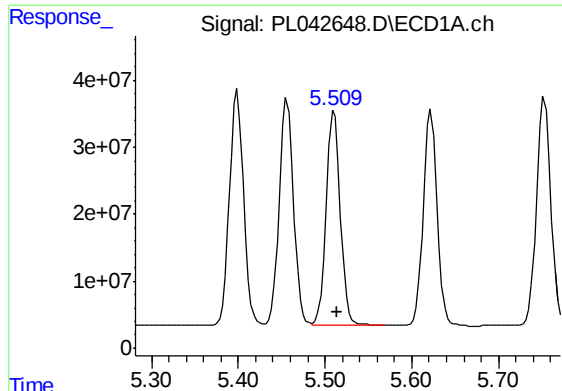
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: -0.003 min
Response: 392275922
Conc: 51.75 ng/ml



#8 Heptachlor epoxide

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 191078611
Conc: 53.29 ng/ml



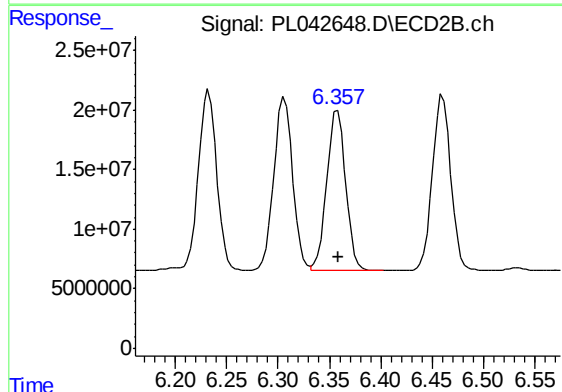
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: -0.003 min
Response: 361191022
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

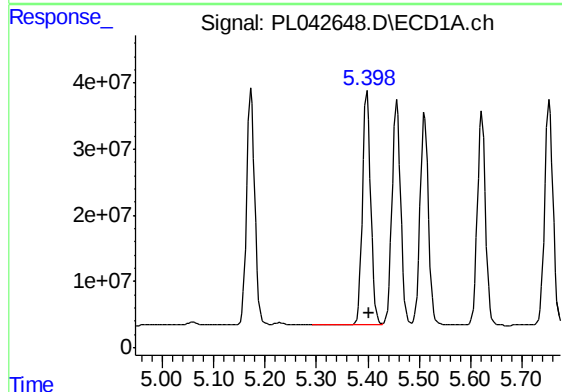
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



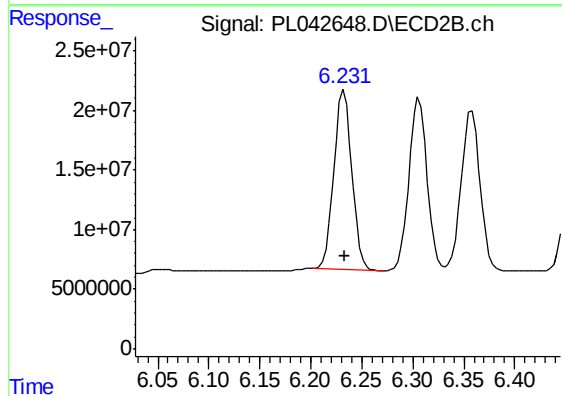
#9 Endosulfan I

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 171654019
Conc: 54.35 ng/ml



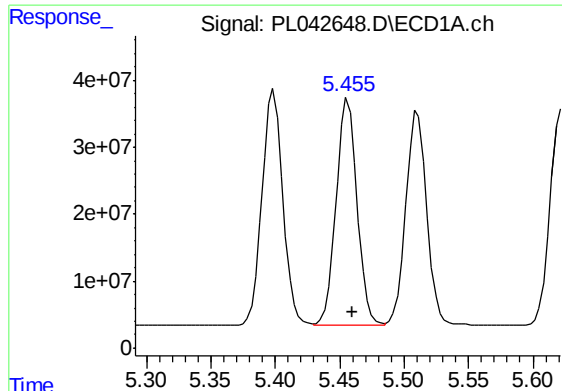
#10 gamma-Chlordane

R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 396212319
Conc: 51.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 183779312
Conc: 53.98 ng/ml



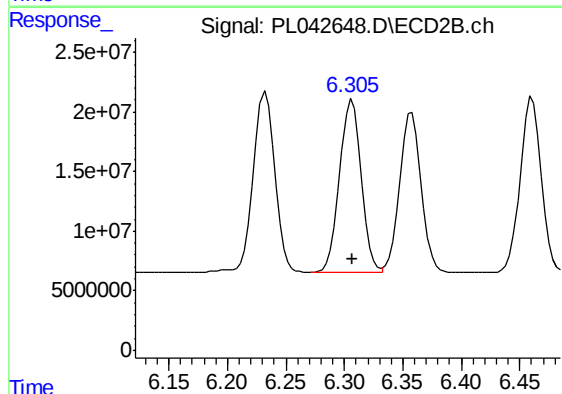
#11 alpha-Chlordane

R.T.: 5.457 min
Delta R.T.: -0.003 min
Response: 384141082
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

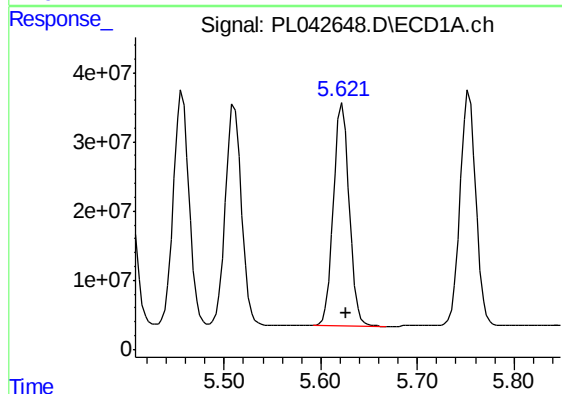
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



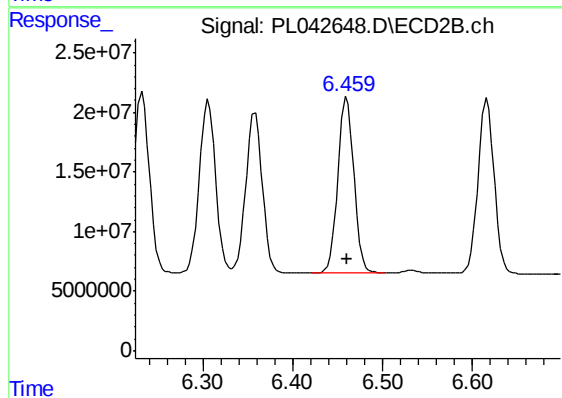
#11 alpha-Chlordane

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 181499324
Conc: 54.28 ng/ml



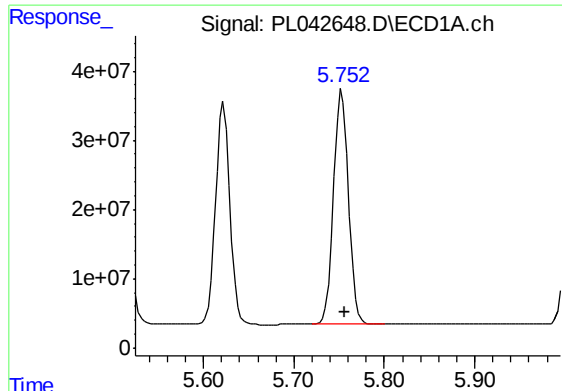
#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 356513239
Conc: 54.47 ng/ml



#12 4,4'-DDE

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 182506458
Conc: 54.84 ng/ml



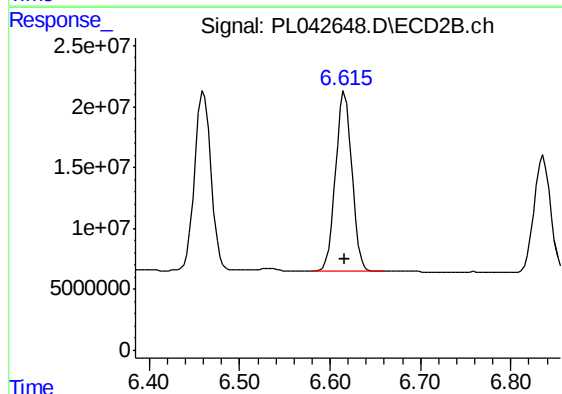
#13 Dieldrin

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 386135610
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

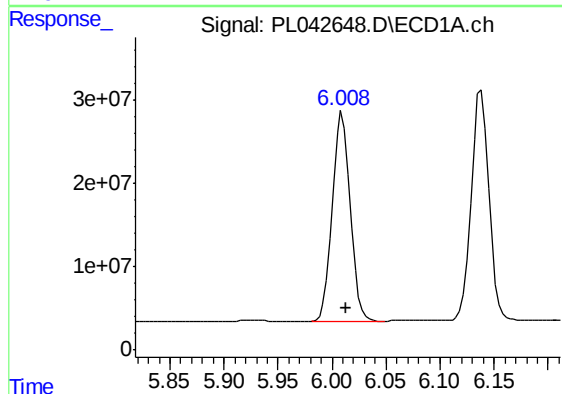
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



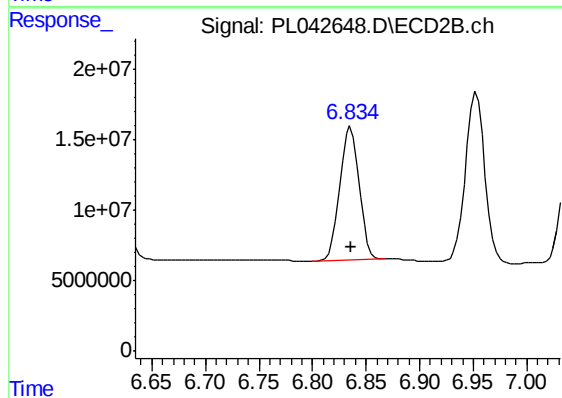
#13 Dieldrin

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 183128400
Conc: 55.02 ng/ml



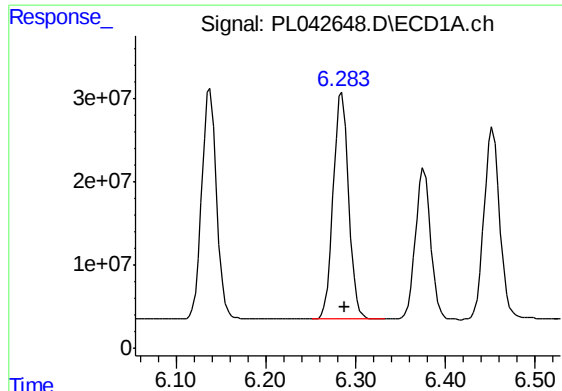
#14 Endrin

R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 291370118
Conc: 44.55 ng/ml



#14 Endrin

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 118818948
Conc: 43.14 ng/ml



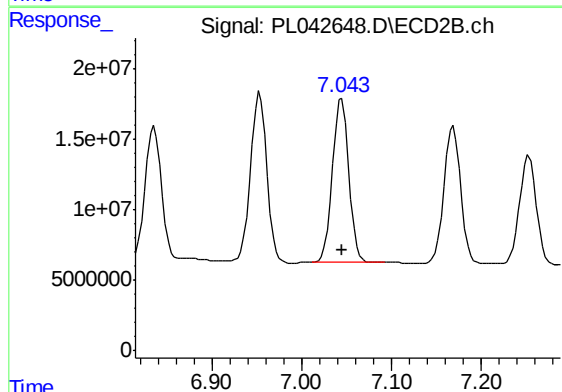
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: -0.003 min
Response: 327083902
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

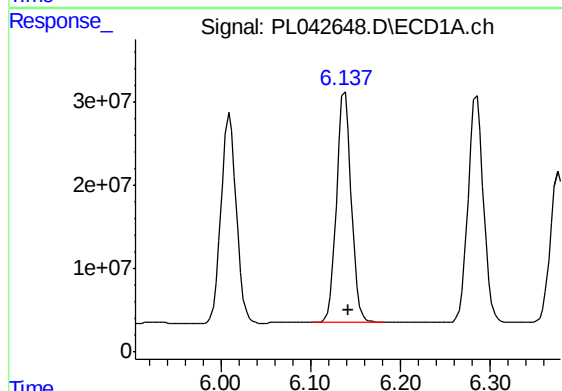
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



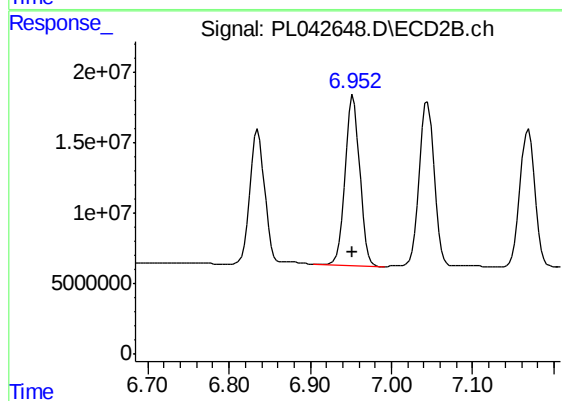
#15 Endosulfan II

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 147520752
Conc: 53.42 ng/ml



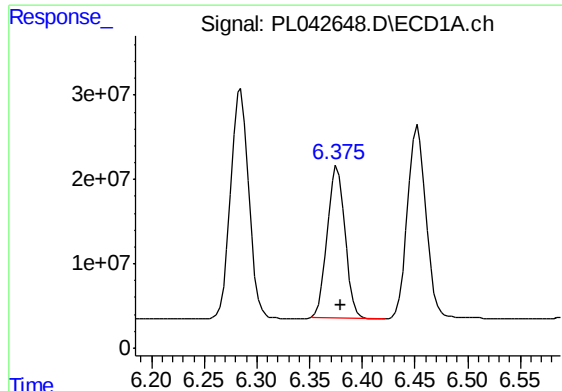
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 316639522
Conc: 59.80 ng/ml



#16 4,4'-DDD

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 151352080
Conc: 57.50 ng/ml



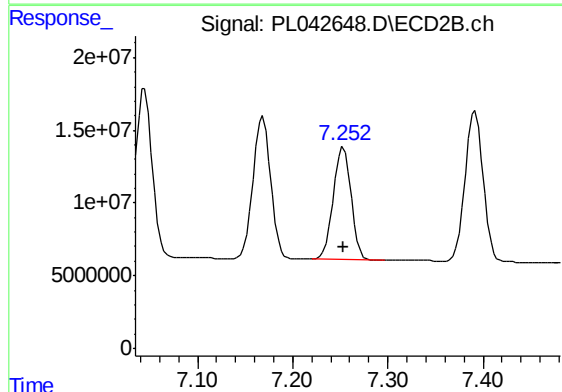
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 210724929
Conc: 37.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

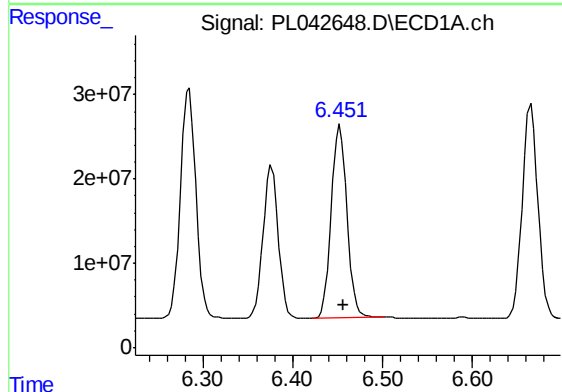
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



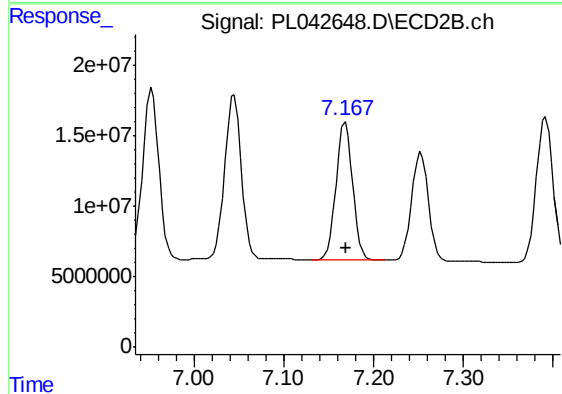
#17 4,4'-DDT

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 100741712
Conc: 38.15 ng/ml



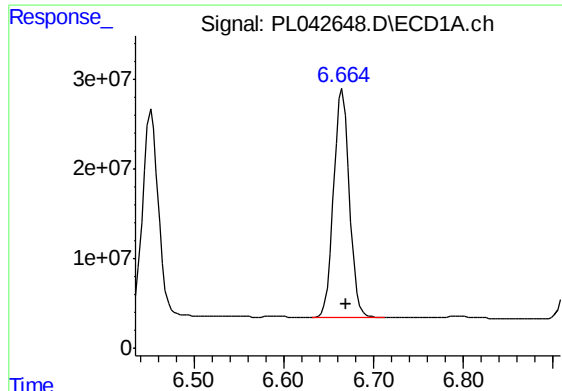
#18 Endrin aldehyde

R.T.: 6.453 min
Delta R.T.: -0.003 min
Response: 279207322
Conc: 53.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 125520466
Conc: 54.75 ng/ml



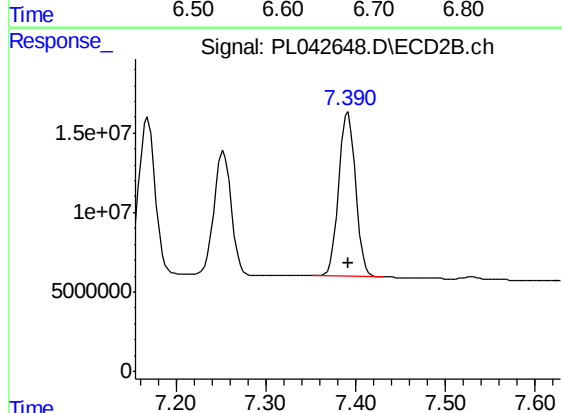
#19 Endosulfan Sulfate

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 309916398
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

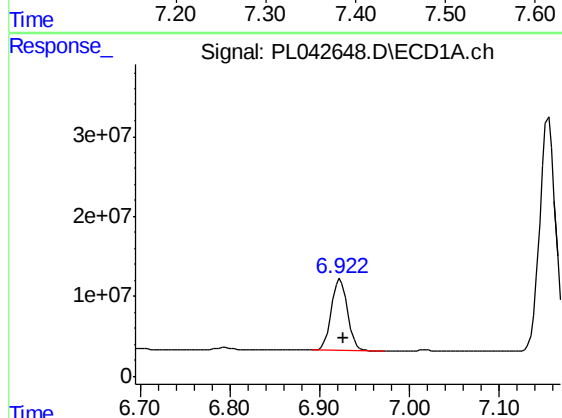
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



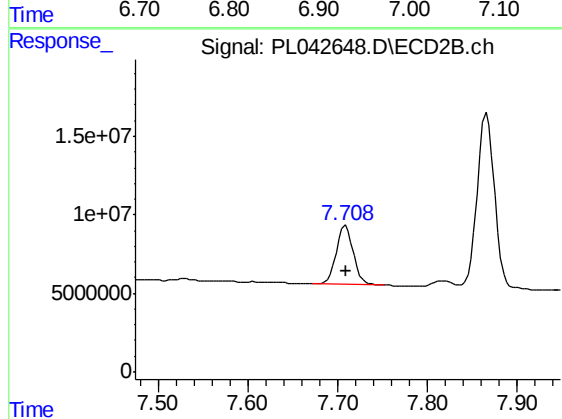
#19 Endosulfan Sulfate

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 135377453
Conc: 48.68 ng/ml



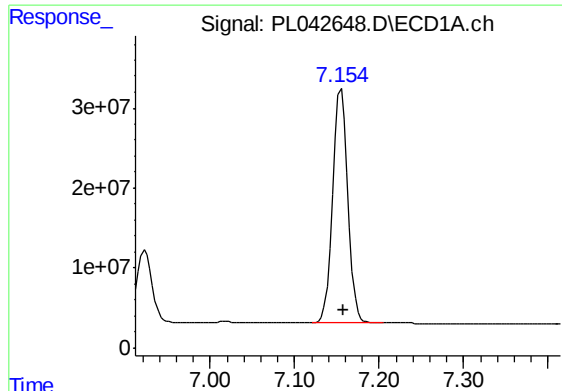
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 111898035
Conc: 35.48 ng/ml



#20 Methoxychlor

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 49571739
Conc: 36.36 ng/ml



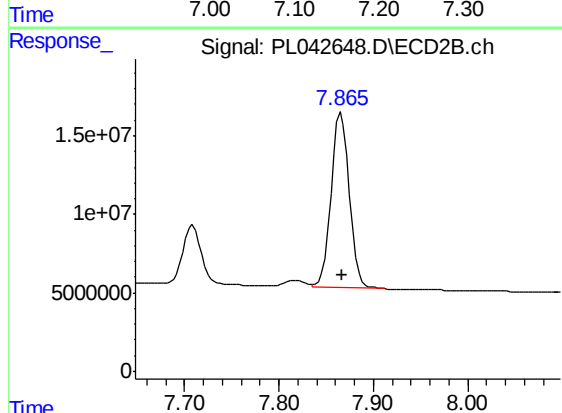
#21 Endrin ketone

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 363506343
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

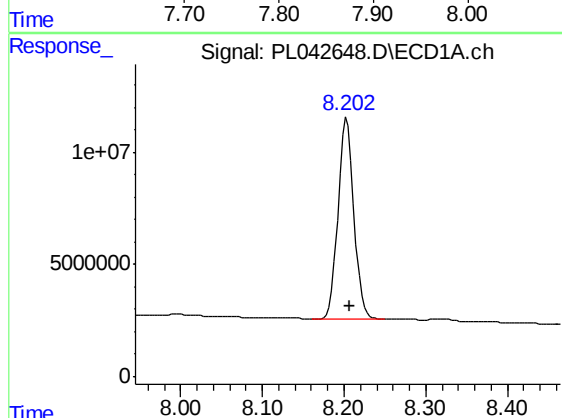
Manual Integrations
APPROVED

mohammad
12/3/2018 12:45:47 PM



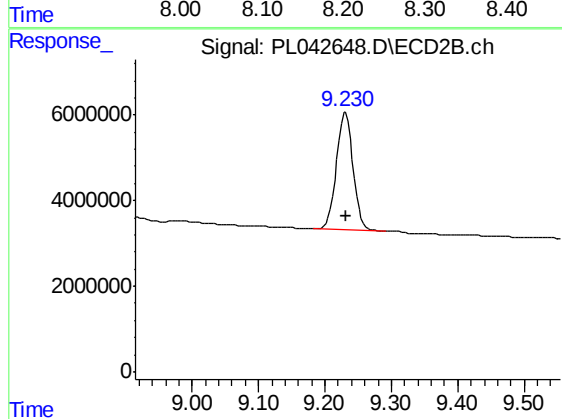
#21 Endrin ketone

R.T.: 7.866 min
Delta R.T.: 0.000 min
Response: 149823723
Conc: 54.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: -0.004 min
Response: 121235495
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 47755440
Conc: 19.80 ng/ml