

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070318\
 Data File : PL037655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2018 12:47
 Operator : UA\AJ
 Sample : IDOC WATER 03
 Misc : FOR SJ
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IDOC WATER 03

Manual Integrations
 APPROVED

mohammad
 7/5/2018 2:13:39 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 00:10:43 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 21 02:27:11 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...	3.333	3.935	122.2E6	46795948	15.446	16.914
28)	SA Decachlor...	8.011	8.945	97133964	30494254	16.098	15.371
Target Compounds							
2)	A alpha-BHC	3.763	4.314	536.4E6	194.6E6	43.814	50.163
3)	MA gamma-BHC...	4.040	4.594	469.2E6	172.1E6	45.486	49.824
4)	MA Heptachlor	4.325	5.105	476.4E6	168.5E6	46.500	48.746
5)	MB Aldrin	4.564	5.407	467.6E6	153.3E6	45.937	48.849
6)	B beta-BHC	4.294	4.755	211.1E6	76326628	46.290	47.329
7)	B delta-BHC	4.489	4.970	485.5E6	161.5E6	45.896	57.253
8)	B Heptachlo...	5.003	5.787	434.1E6	139.9E6	46.348	49.081
9)	A Endosulfan I	5.334	6.140	389.9E6	122.5E6	46.083	47.749
10)	B gamma-Chl...	5.225	6.019	435.7E6	137.3E6	46.520	48.768
11)	B alpha-Chl...	5.281	6.093	421.2E6	136.7E6	46.384	47.501
12)	B 4,4'-DDE	5.451	6.249	416.3E6	122.8E6	47.131	48.272
13)	MA Dieldrin	5.573	6.393	416.7E6	128.3E6	47.072	48.049
14)	MA Endrin	5.827	6.607	366.8E6	109.2E6	46.569	47.474
15)	B Endosulfa...	6.102	6.810	348.7E6	111.6E6	47.417	45.017
16)	A 4,4'-DDD	5.962	6.730	319.7E6	97237975	48.684	47.371
17)	MA 4,4'-DDT	6.197	7.029	301.5E6	96636505	46.703	45.623
18)	B Endrin al...	6.270	6.933	271.3E6	93195510	48.578	46.314
19)	B Endosulfa...	6.481	7.155	311.6E6	101.9E6	46.570	46.798
20)	A Methoxychlor	6.746	7.484	151.2E6	54236169	44.470	48.453
21)	B Endrin ke...	6.963	7.619	337.7E6	105.1E6	47.490m	51.765

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070318\
Data File : PL037655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2018 12:47
Operator : UA\AJ
Sample : IDOC WATER 03
Misc : FOR SJ
ALS Vial : 10 Sample Multiplier: 1

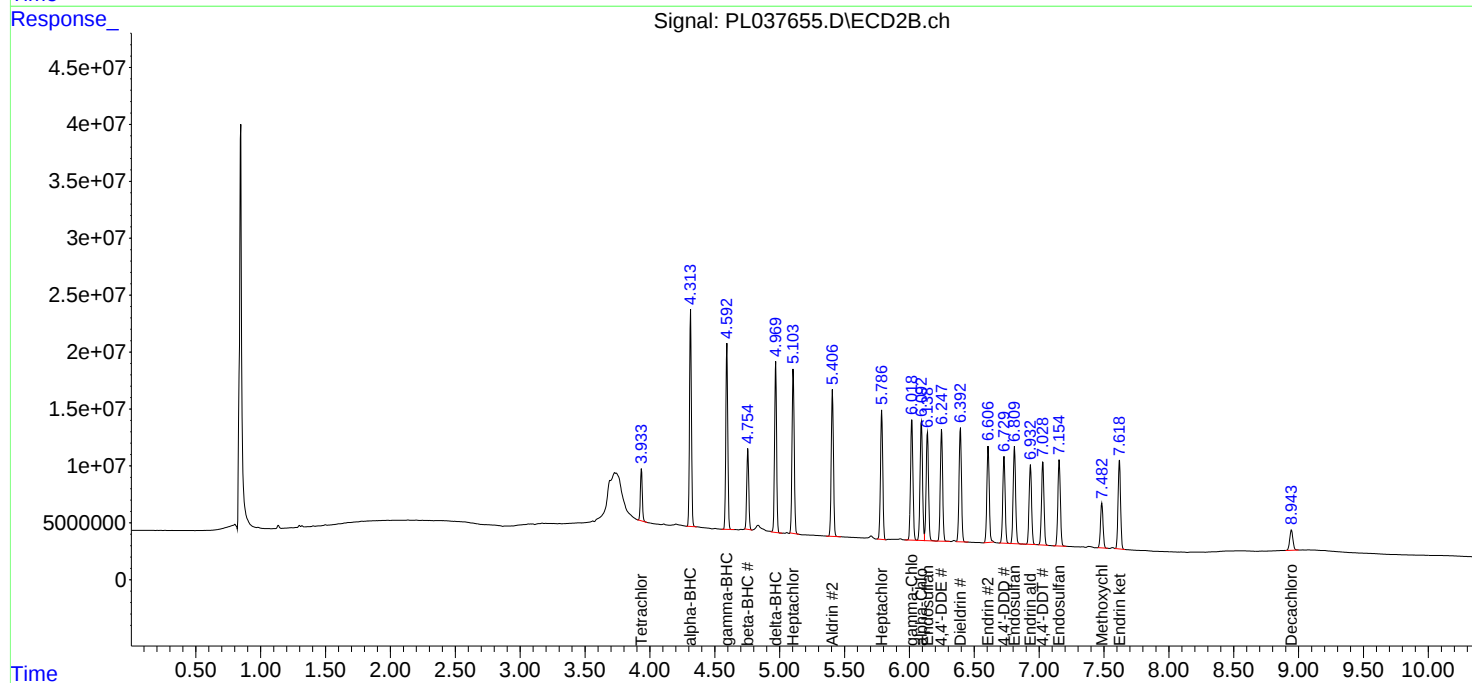
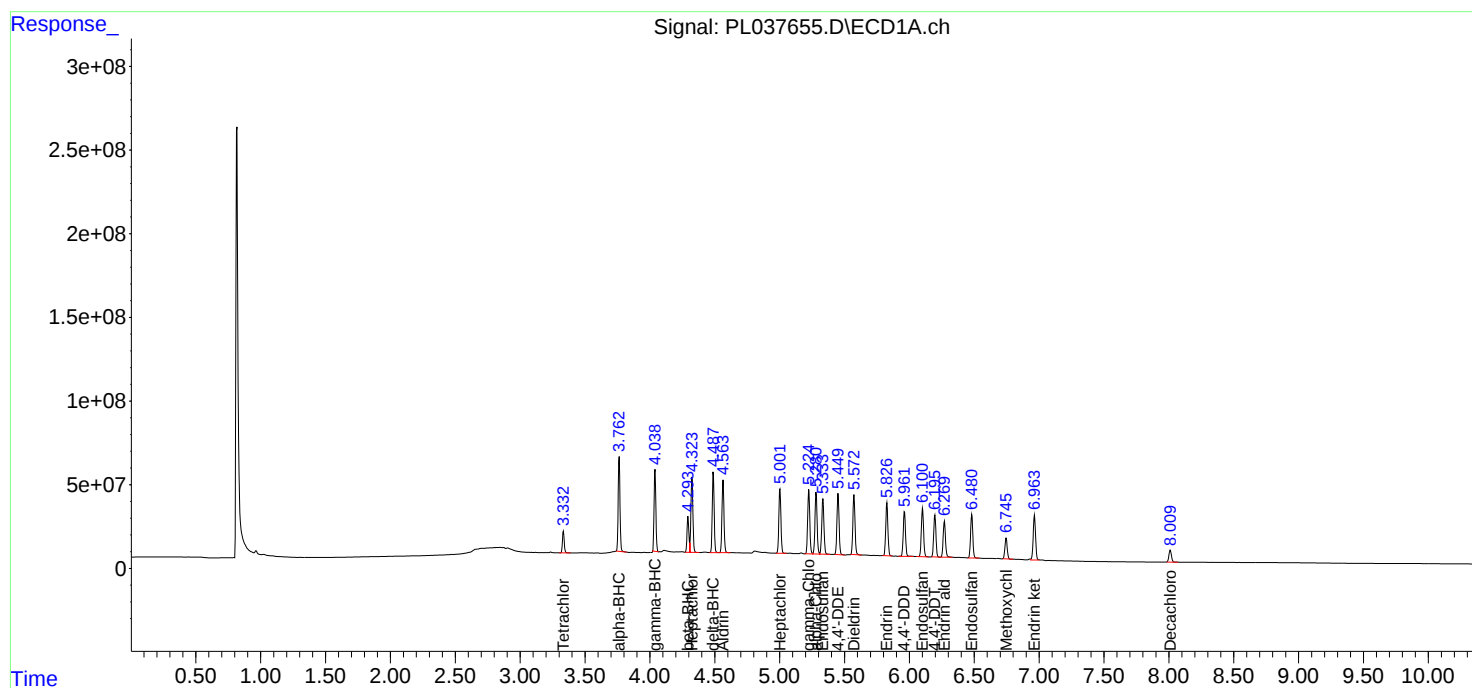
Instrument :
ECD_L
ClientSampled :
IDOC WATER 03

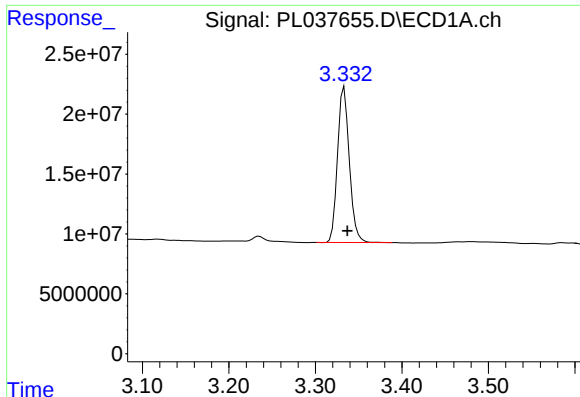
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 00:10:43 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
Quant Title : GC Extractables
QLast Update : Thu Jun 21 02:27:11 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





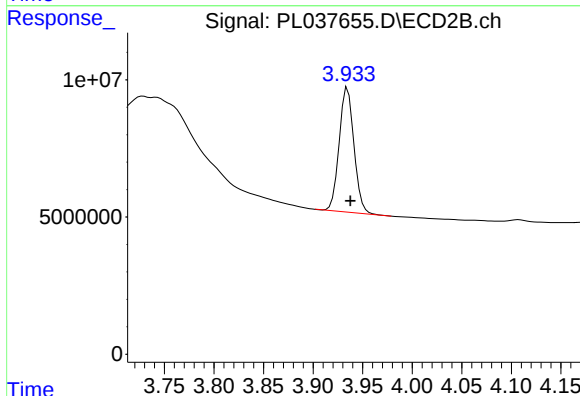
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.004 min
Response: 122181788
Conc: 15.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

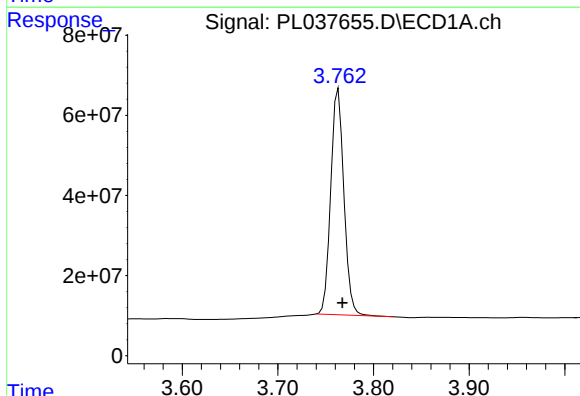
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



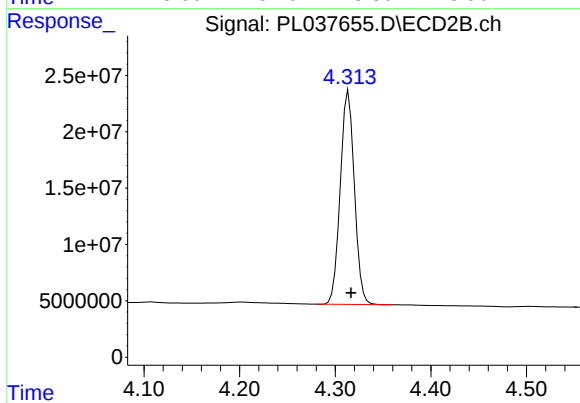
#1 Tetrachloro-m-xylene

R.T.: 3.935 min
Delta R.T.: -0.003 min
Response: 46795948
Conc: 16.91 ng/ml



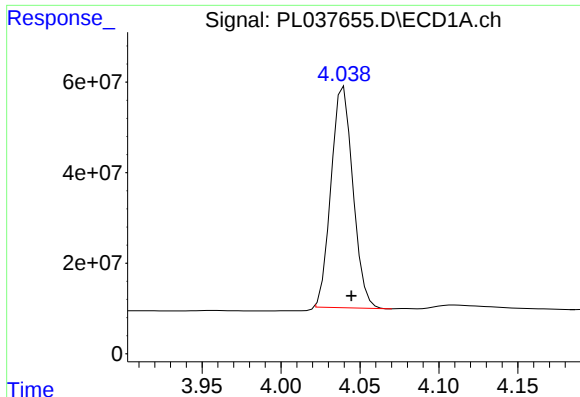
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.004 min
Response: 536414011
Conc: 43.81 ng/ml



#2 alpha-BHC

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 194644457
Conc: 50.16 ng/ml



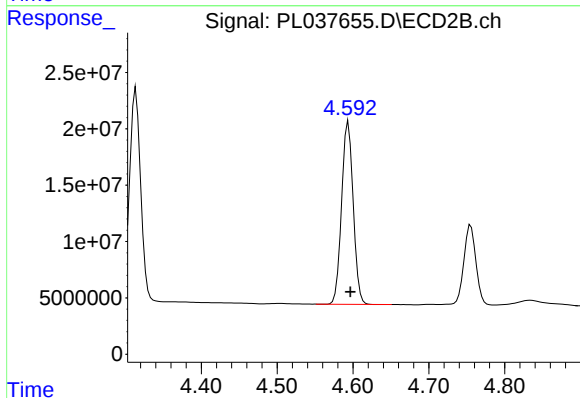
#3 gamma-BHC (Lindane)

R.T.: 4.040 min
Delta R.T.: -0.005 min
Response: 469170921
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

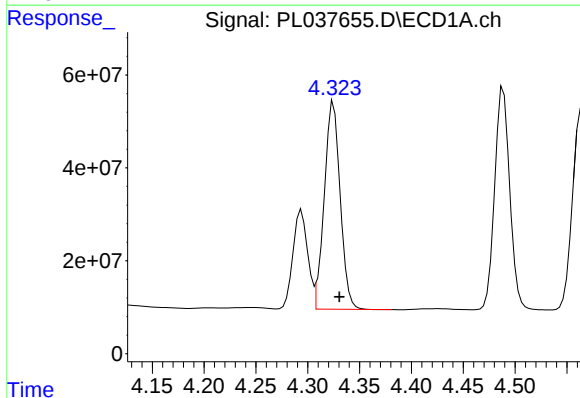
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



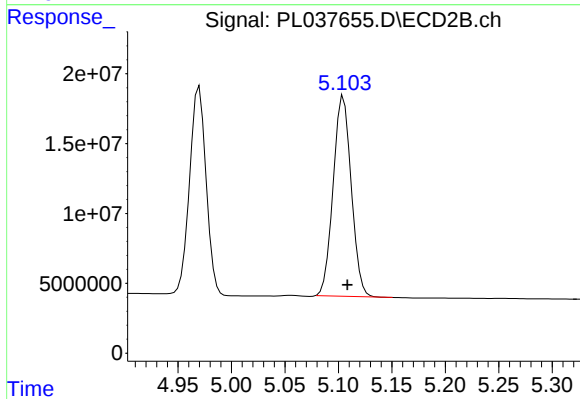
#3 gamma-BHC (Lindane)

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 172077267
Conc: 49.82 ng/ml



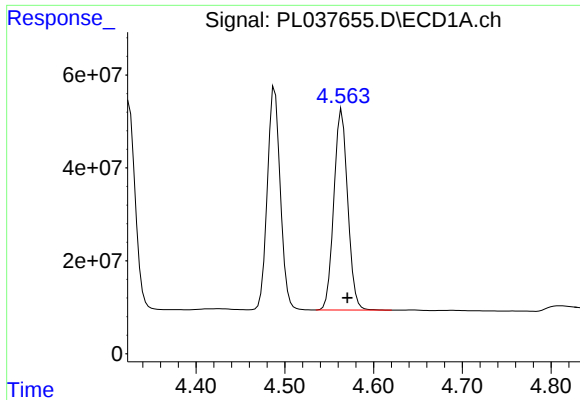
#4 Heptachlor

R.T.: 4.325 min
Delta R.T.: -0.006 min
Response: 476402242
Conc: 46.50 ng/ml



#4 Heptachlor

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 168484546
Conc: 48.75 ng/ml



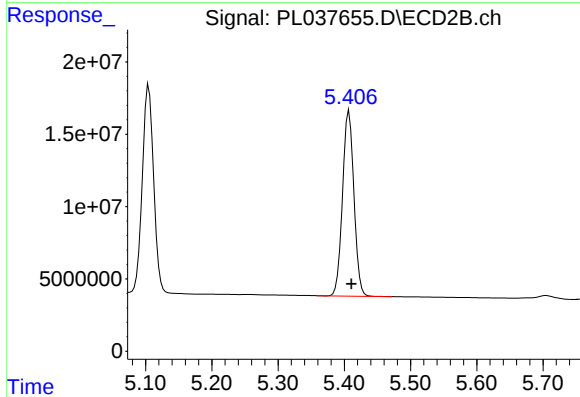
#5 Aldrin

R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 467570283
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

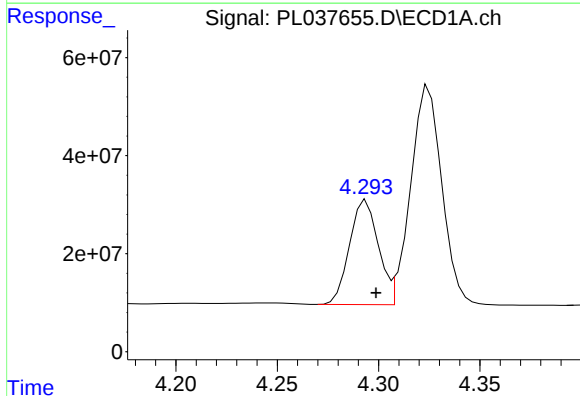
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



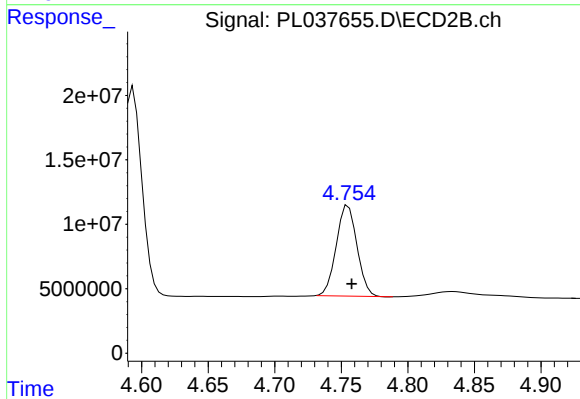
#5 Aldrin

R.T.: 5.407 min
Delta R.T.: -0.004 min
Response: 153251052
Conc: 48.85 ng/ml



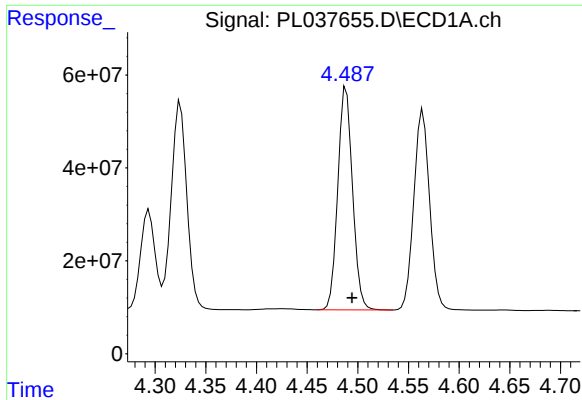
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.005 min
Response: 211124538
Conc: 46.29 ng/ml



#6 beta-BHC

R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 76326628
Conc: 47.33 ng/ml



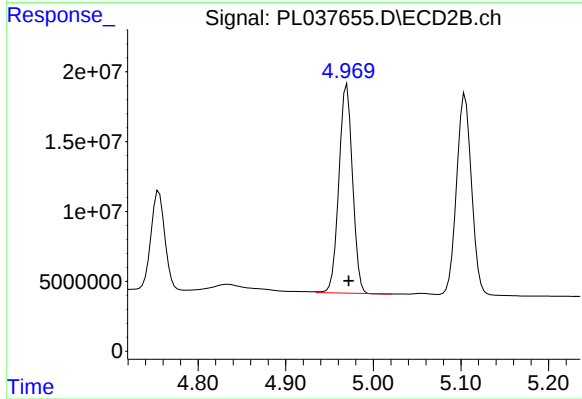
#7 delta-BHC

R.T.: 4.489 min
Delta R.T.: -0.006 min
Response: 485535668
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

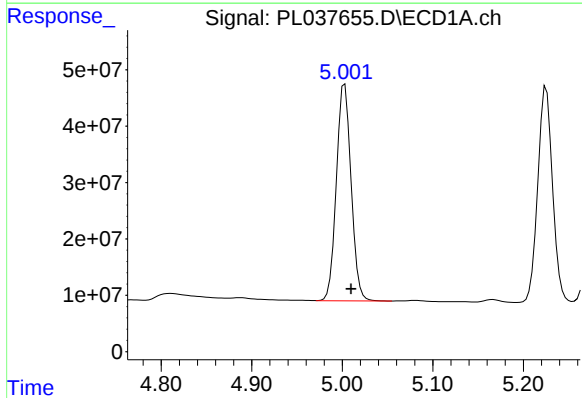
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



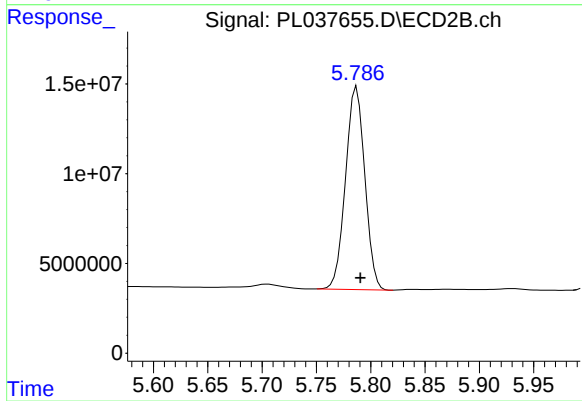
#7 delta-BHC

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 161470017
Conc: 57.25 ng/ml



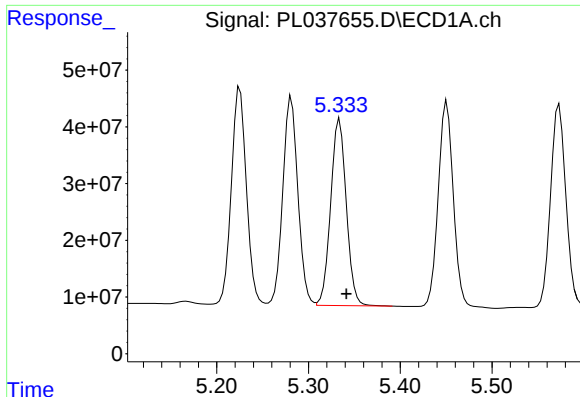
#8 Heptachlor epoxide

R.T.: 5.003 min
Delta R.T.: -0.007 min
Response: 434138432
Conc: 46.35 ng/ml



#8 Heptachlor epoxide

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 139912857
Conc: 49.08 ng/ml



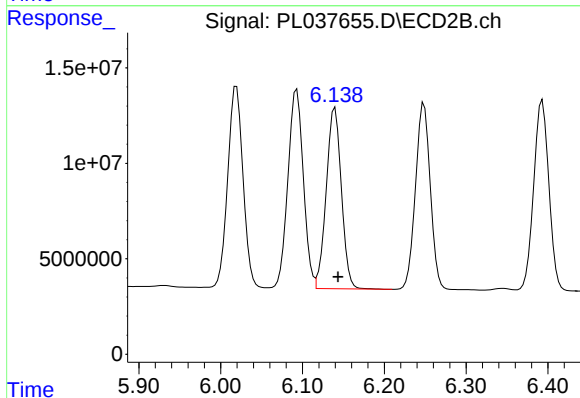
#9 Endosulfan I

R.T.: 5.334 min
Delta R.T.: -0.007 min
Response: 389903910
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

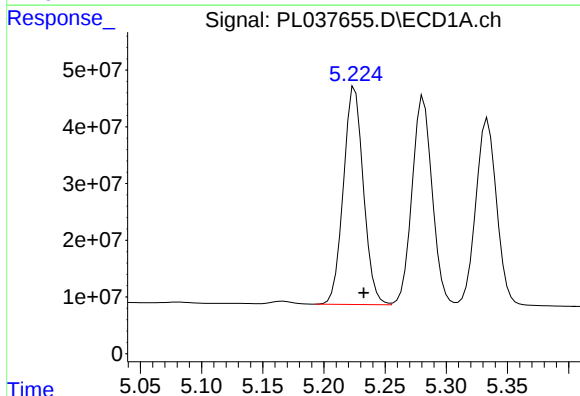
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



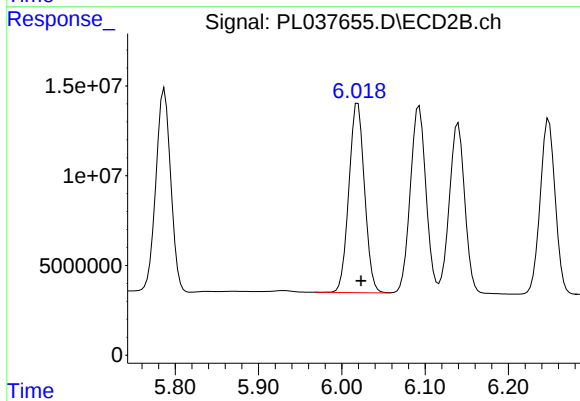
#9 Endosulfan I

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 122465907
Conc: 47.75 ng/ml



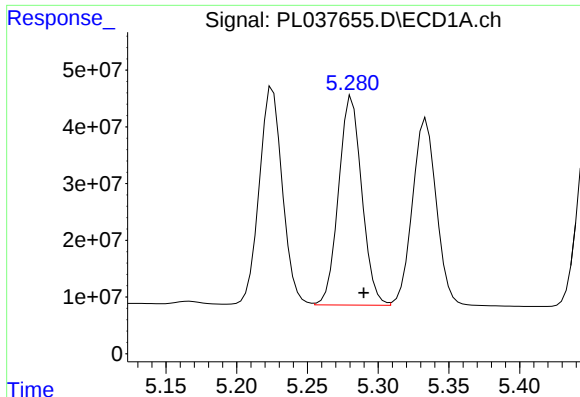
#10 gamma-Chlordane

R.T.: 5.225 min
Delta R.T.: -0.007 min
Response: 435719502
Conc: 46.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 137349734
Conc: 48.77 ng/ml



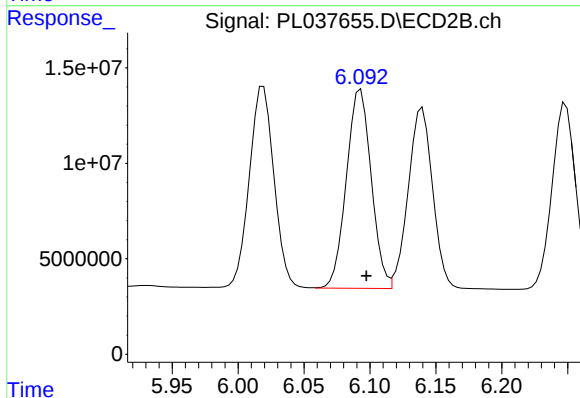
#11 alpha-Chlordane

R.T.: 5.281 min
Delta R.T.: -0.008 min
Response: 421234531
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

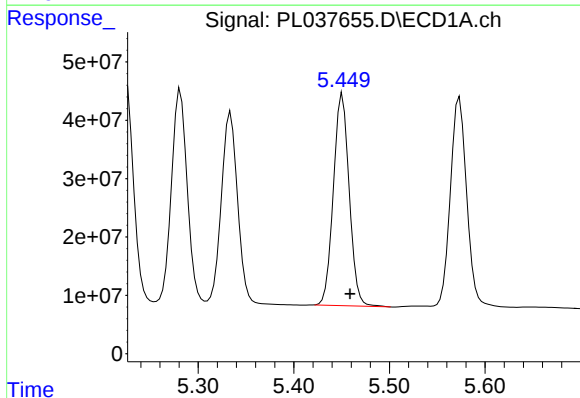
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



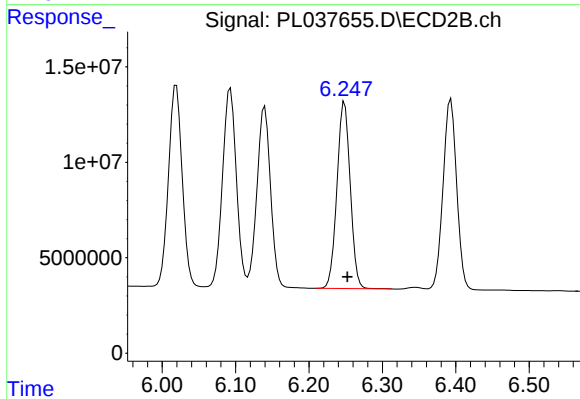
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 136722810
Conc: 47.50 ng/ml



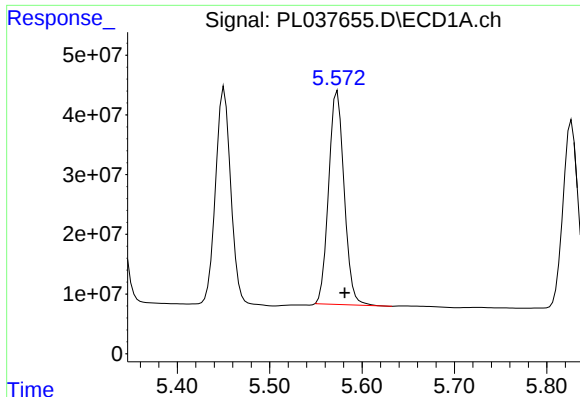
#12 4,4'-DDE

R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 416285147
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 122835845
Conc: 48.27 ng/ml



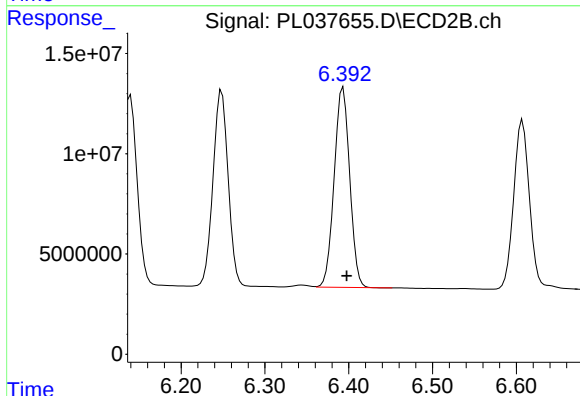
#13 Dieldrin

R.T.: 5.573 min
Delta R.T.: -0.008 min
Response: 416732482
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

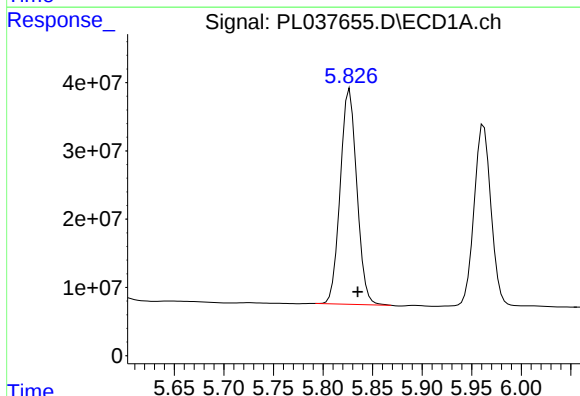
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



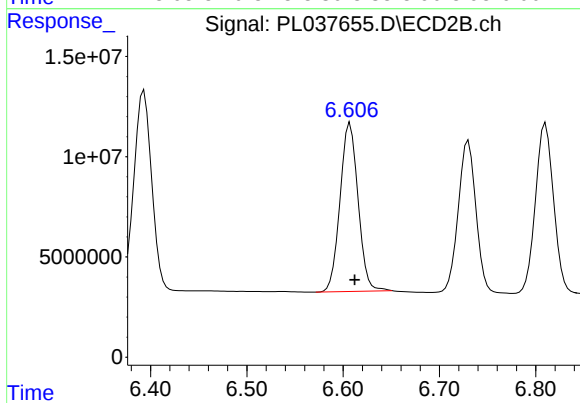
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.004 min
Response: 128255748
Conc: 48.05 ng/ml



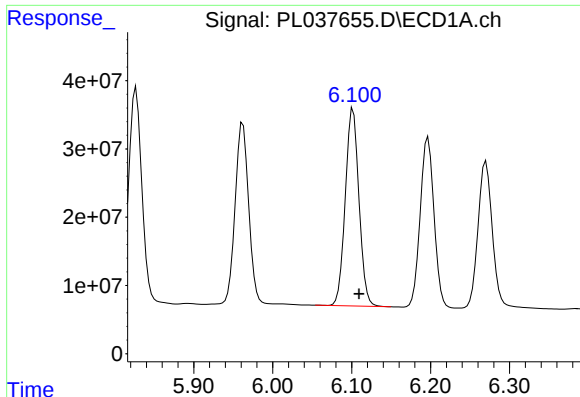
#14 Endrin

R.T.: 5.827 min
Delta R.T.: -0.008 min
Response: 366849407
Conc: 46.57 ng/ml



#14 Endrin

R.T.: 6.607 min
Delta R.T.: -0.005 min
Response: 109155325
Conc: 47.47 ng/ml



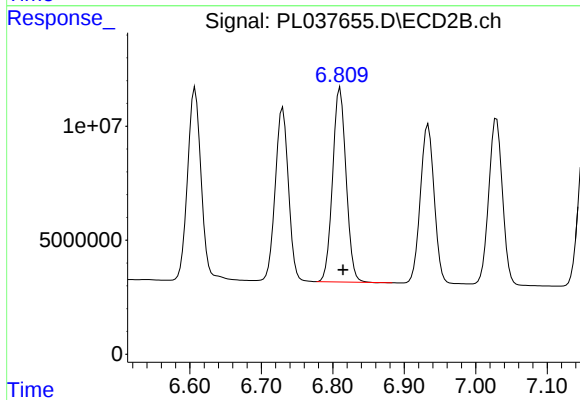
#15 Endosulfan II

R.T.: 6.102 min
Delta R.T.: -0.008 min
Response: 348677378
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

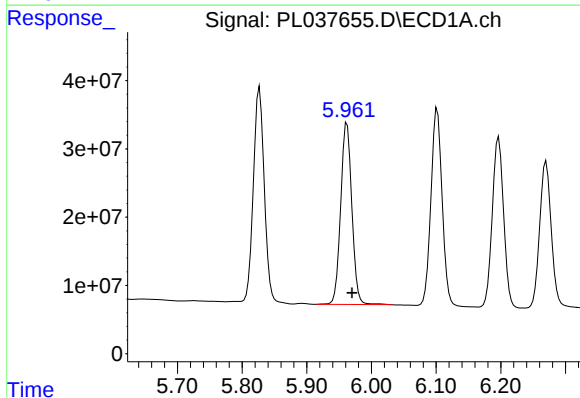
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



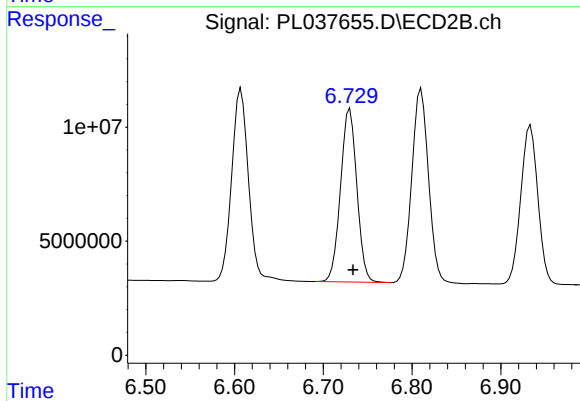
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 111644385
Conc: 45.02 ng/ml



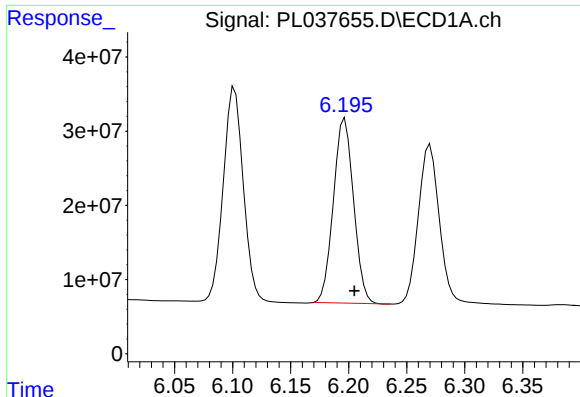
#16 4,4'-DDD

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 319713426
Conc: 48.68 ng/ml



#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 97237975
Conc: 47.37 ng/ml



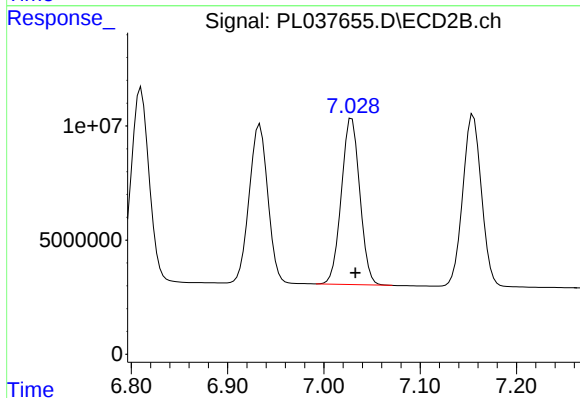
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 301529116
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

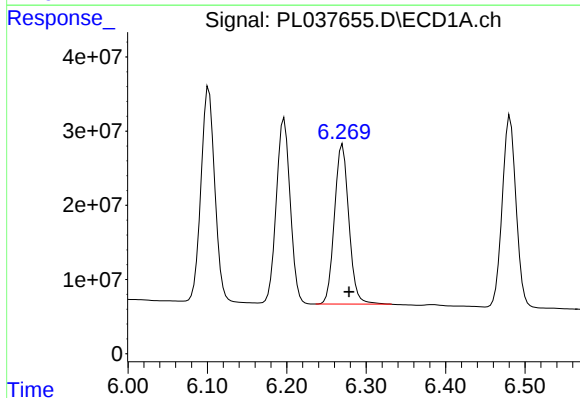
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



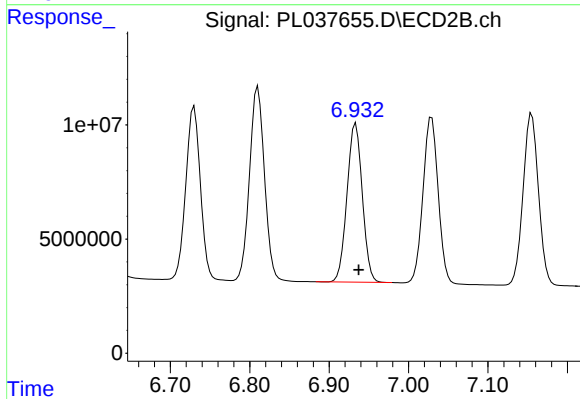
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.004 min
Response: 96636505
Conc: 45.62 ng/ml



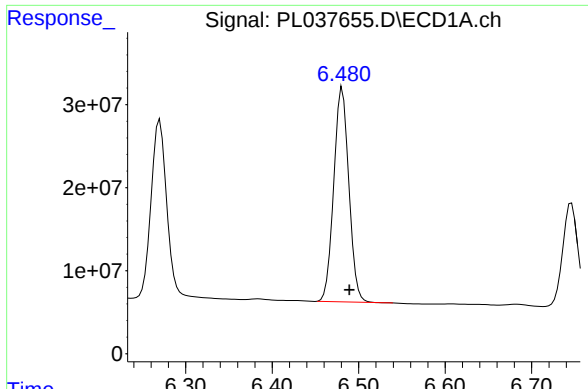
#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: -0.008 min
Response: 271283418
Conc: 48.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 93195510
Conc: 46.31 ng/ml



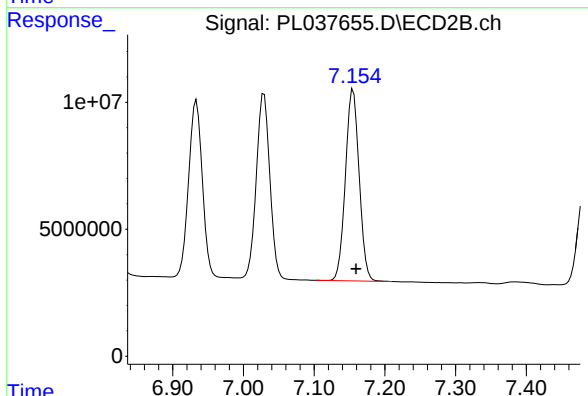
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.008 min
Response: 311555116
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

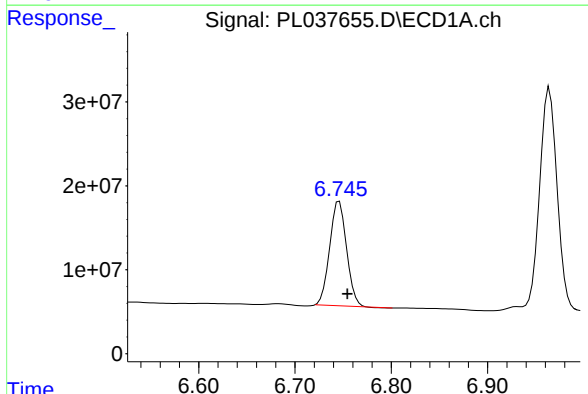
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



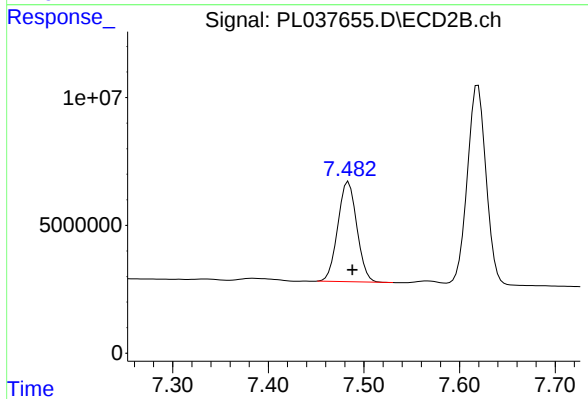
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 101853967
Conc: 46.80 ng/ml



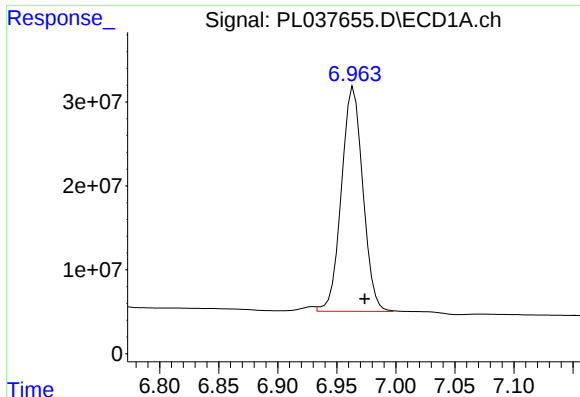
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 151154962
Conc: 44.47 ng/ml



#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 54236169
Conc: 48.45 ng/ml



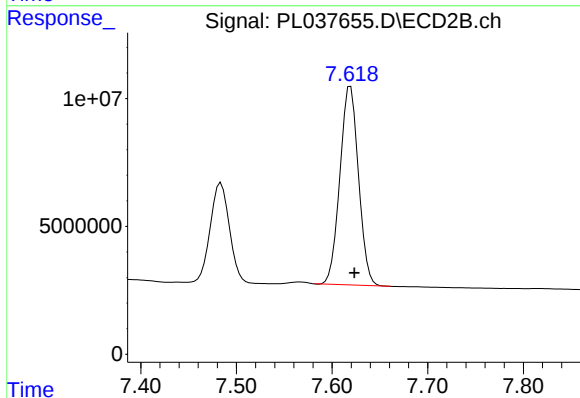
#21 Endrin ketone

R.T.: 6.963 min
Delta R.T.: -0.011 min
Response: 337734830
Conc: 47.49 ng/ml m

Instrument :
ECD_L
ClientSampleId :
IDOC WATER 03

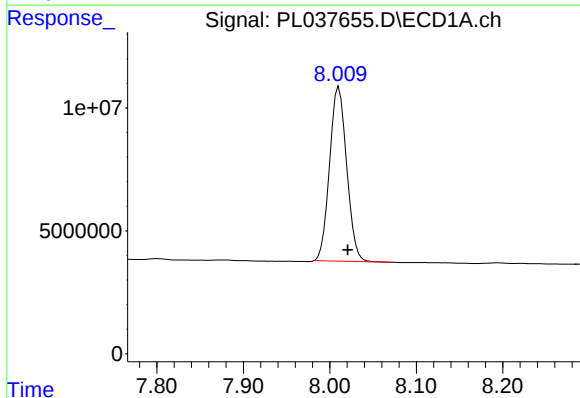
Manual Integrations
APPROVED

mohammad
7/5/2018 2:13:39 PM



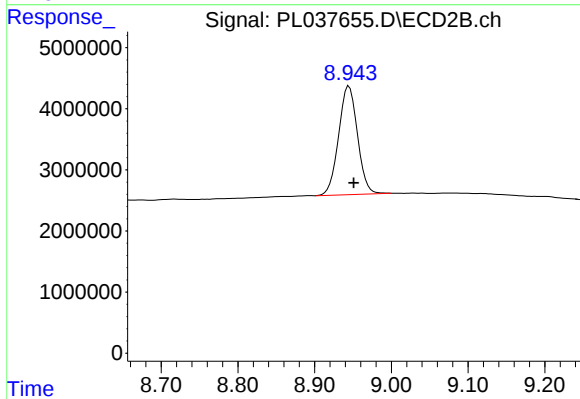
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 105065464
Conc: 51.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.011 min
Delta R.T.: -0.010 min
Response: 97133964
Conc: 16.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: -0.006 min
Response: 30494254
Conc: 15.37 ng/ml