

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
 Data File : PL046591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 03:07
 Operator : AJ\SJ
 Sample : PB118326BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB118326BS

Manual Integrations
 APPROVED

mohammad
 3/28/2019 12:48:43 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 03:35:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.358	3.976	125.4E6	41230189	17.244	18.008
28)	SA Decachlor...	8.032	9.026	148.7E6	45446709	17.680	19.602
Target Compounds							
2)	A alpha-BHC	3.787	4.366	552.6E6	156.8E6	47.388	48.812
3)	MA gamma-BHC...	4.064	4.650	504.4E6	146.7E6	46.943	49.020
4)	MA Heptachlor	4.351	5.156	527.2E6	152.8E6	47.816	49.684
5)	MB Aldrin	4.591	5.460	510.3E6	146.9E6	49.476	51.286
6)	B beta-BHC	4.317	4.823	207.5E6	65475516	46.085	49.390
7)	B delta-BHC	4.512	5.037	473.9E6	125.3E6	46.817	54.020m
8)	B Heptachlo...	5.028	5.845	477.2E6	137.6E6	48.922	52.163m
9)	A Endosulfan I	5.359	6.202	453.5E6	131.3E6	48.234	50.322
10)	B gamma-Chl...	5.251	6.080	488.0E6	142.6E6	47.509	50.230
11)	B alpha-Chl...	5.307	6.152	479.5E6	141.7E6	47.295	49.957
12)	B 4,4'-DDE	5.472	6.310	452.9E6	125.6E6	49.189m	50.581
13)	MA Dieldrin	5.599	6.458	485.3E6	135.1E6	48.361	49.844
14)	MA Endrin	5.851	6.676	426.3E6	112.3E6	45.257	46.987
15)	B Endosulfa...	6.126	6.886	425.5E6	118.3E6	47.496	49.015
16)	A 4,4'-DDD	5.984	6.800	374.2E6	103.0E6	49.507	51.180
17)	MA 4,4'-DDT	6.220	7.096	359.0E6	100.4E6	47.401	47.860m
18)	B Endrin al...	6.293	7.009	360.6E6	104.2E6	48.109	49.080
19)	B Endosulfa...	6.504	7.232	417.2E6	118.6E6	50.806	50.267
20)	A Methoxychlor	6.764	7.556	189.9E6	59605505	44.688	46.758
21)	B Endrin ke...	6.985	7.701	457.3E6	127.6E6	49.454m	51.343
22)	Mirex	7.163	8.153	324.8E6	97688262	44.586	48.840

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
Data File : PL046591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 03:07
Operator : AJ\SJ
Sample : PB118326BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

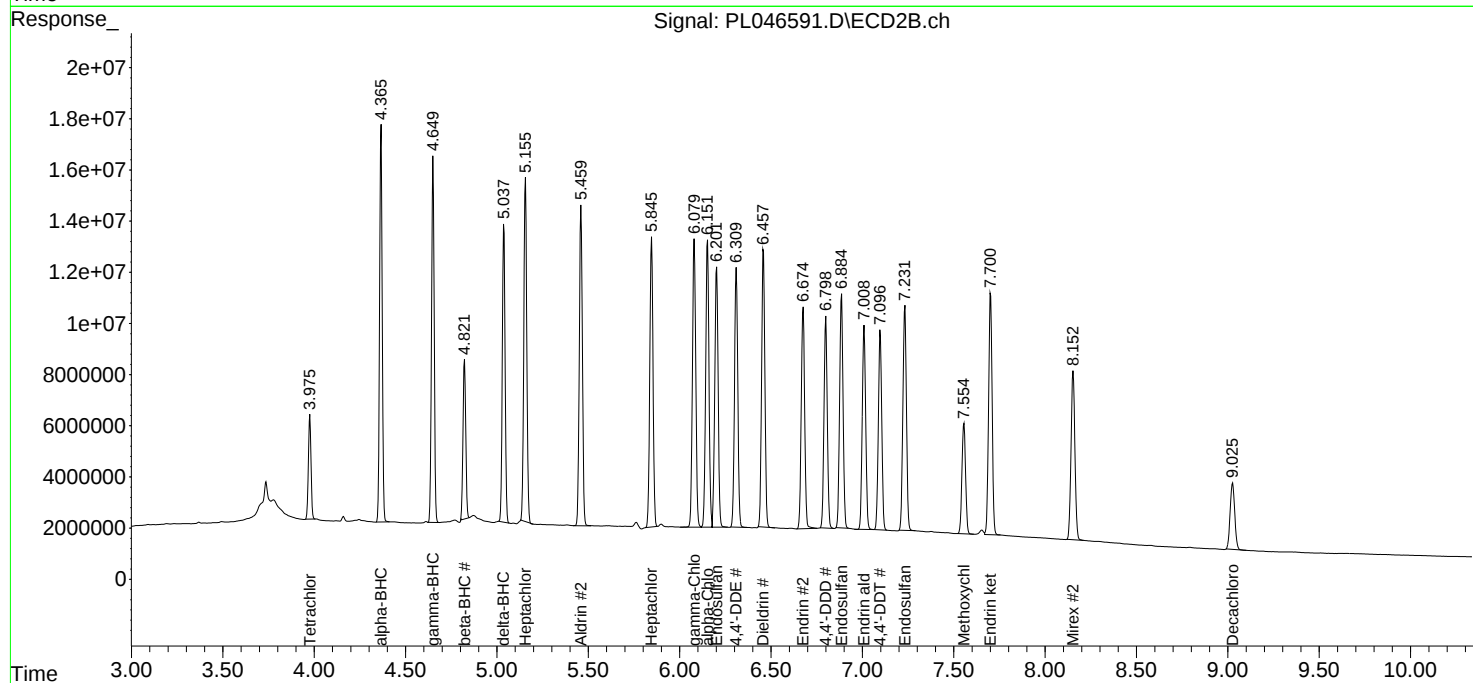
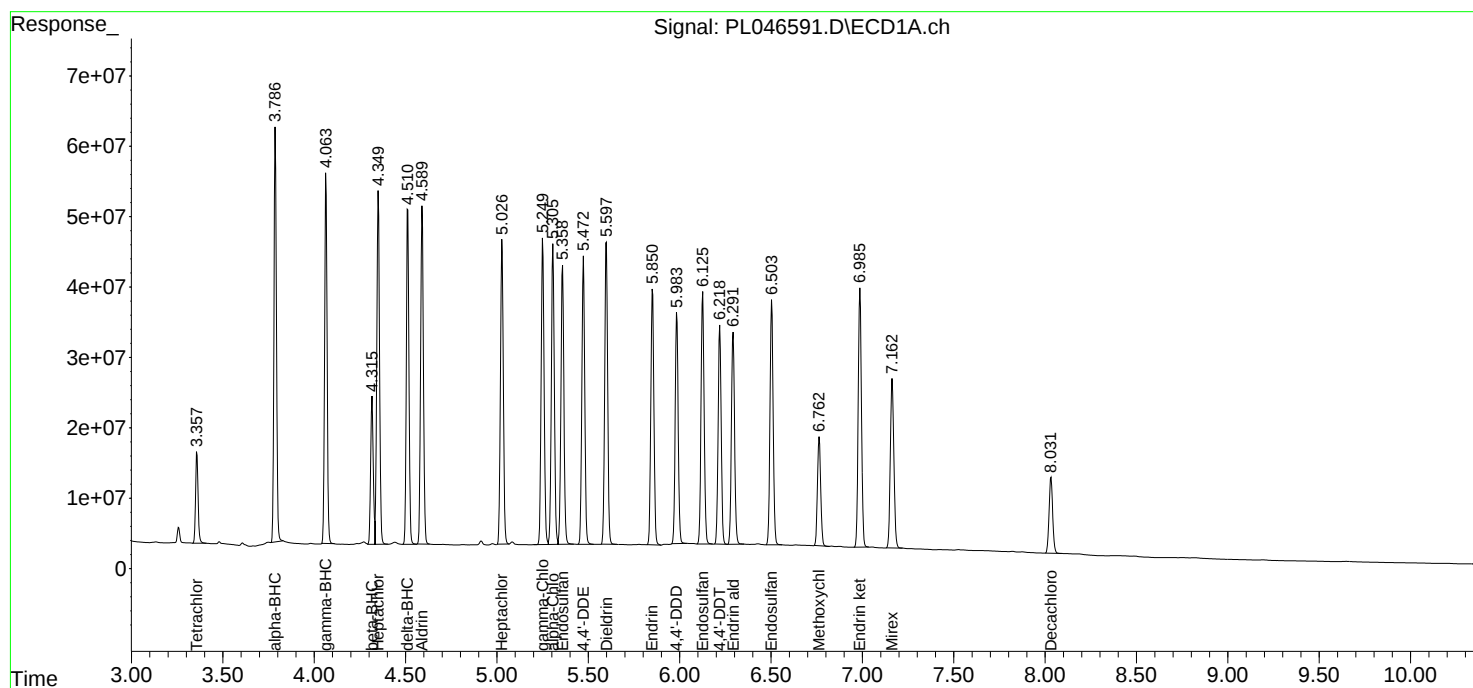
Instrument :
ECD_L
ClientSampleId :
PB118326BS

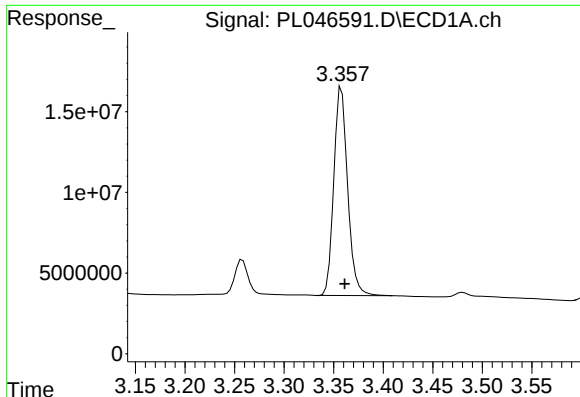
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 03:35:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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





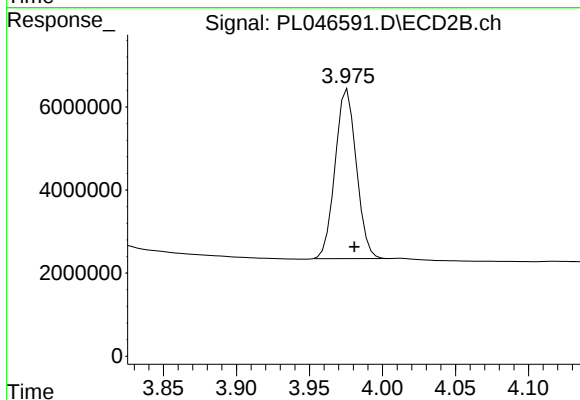
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 125443369
Conc: 17.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

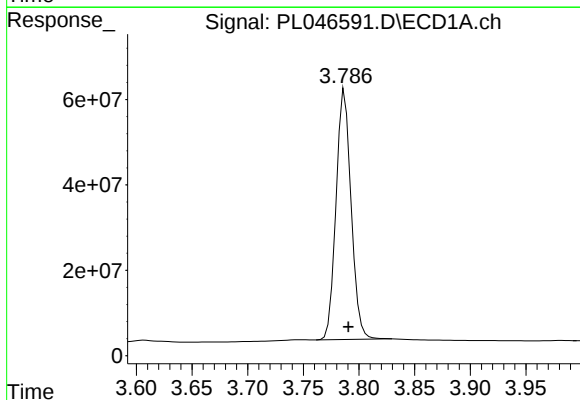
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



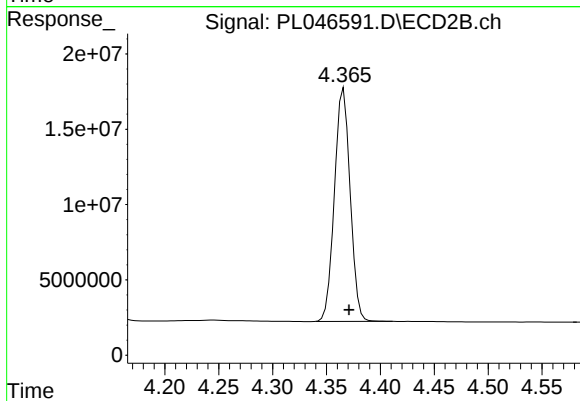
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 41230189
Conc: 18.01 ng/ml



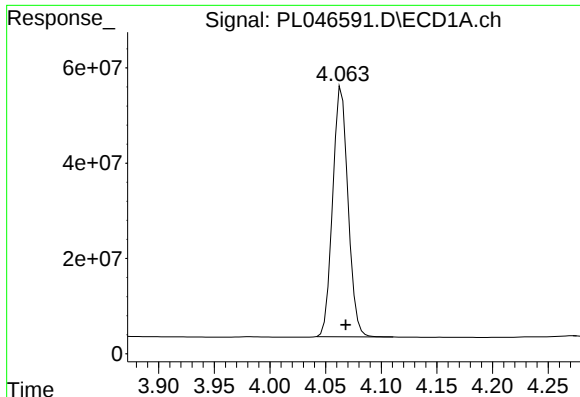
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 552633655
Conc: 47.39 ng/ml



#2 alpha-BHC

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 156846093
Conc: 48.81 ng/ml



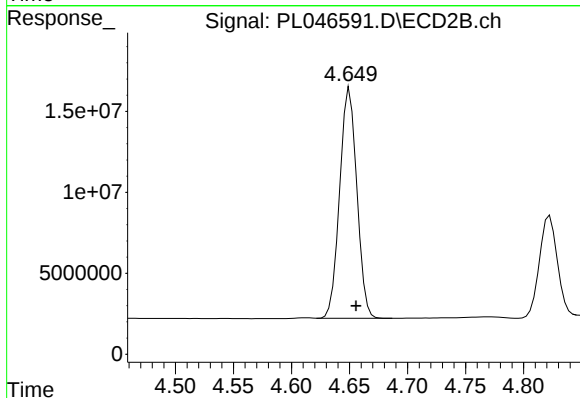
#3 gamma-BHC (Lindane)

R.T.: 4.064 min
Delta R.T.: -0.004 min
Response: 504383142
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

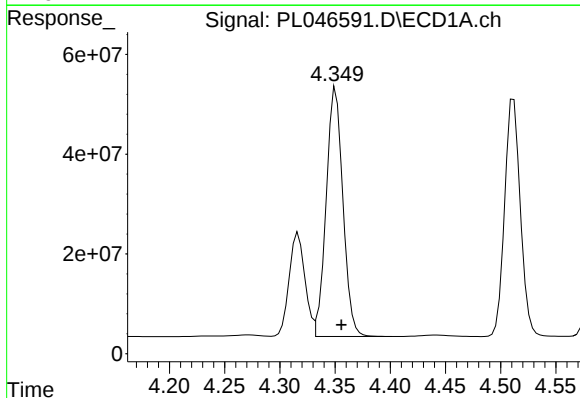
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



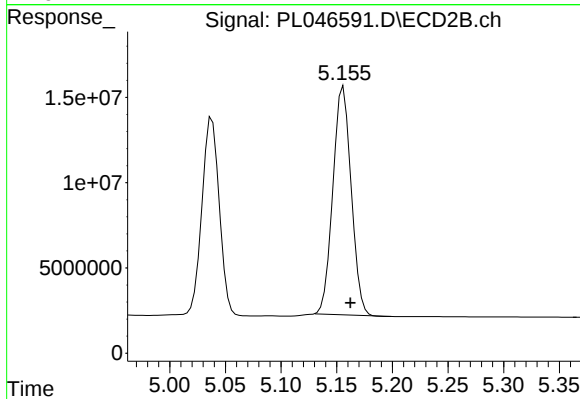
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 146719258
Conc: 49.02 ng/ml



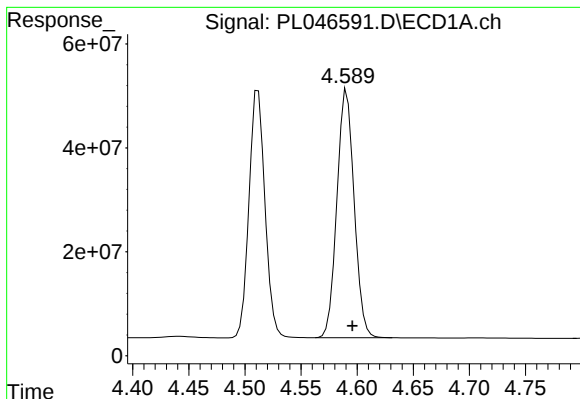
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 527174331
Conc: 47.82 ng/ml



#4 Heptachlor

R.T.: 5.156 min
Delta R.T.: -0.006 min
Response: 152822109
Conc: 49.68 ng/ml



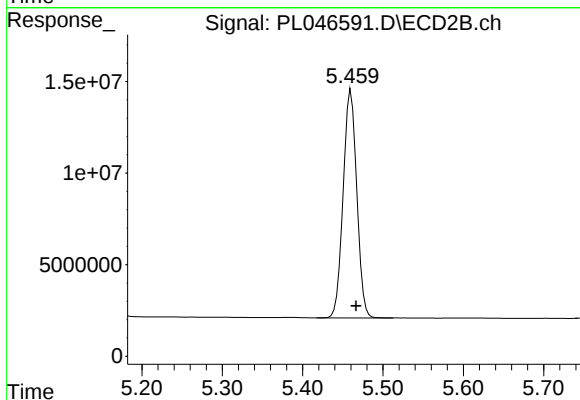
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 510345894
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

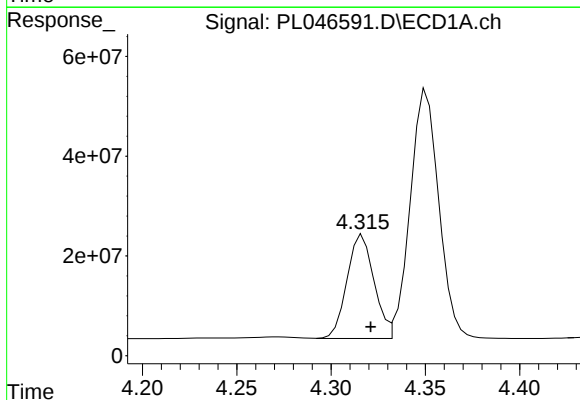
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



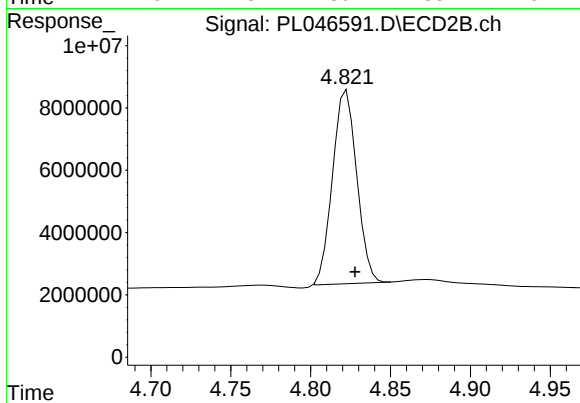
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 146932239
Conc: 51.29 ng/ml



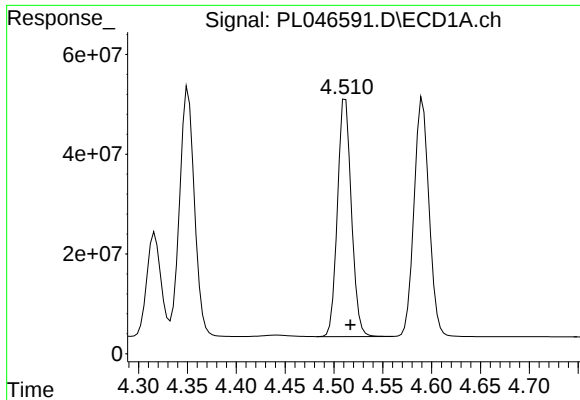
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 207495135
Conc: 46.09 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 65475516
Conc: 49.39 ng/ml



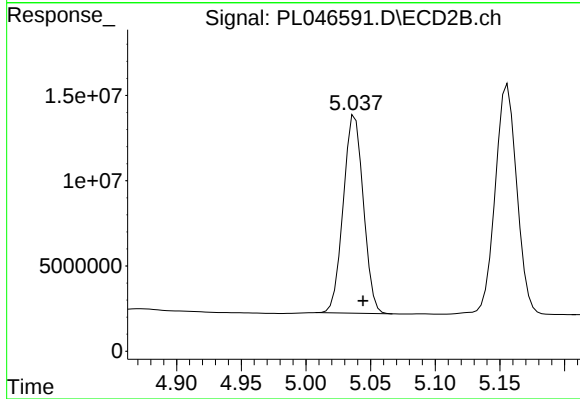
#7 delta-BHC

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 473926807
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

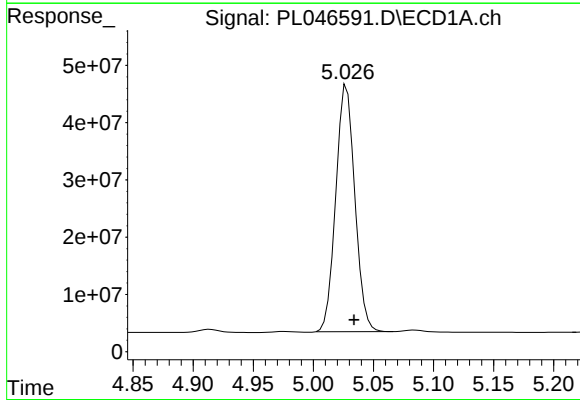
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



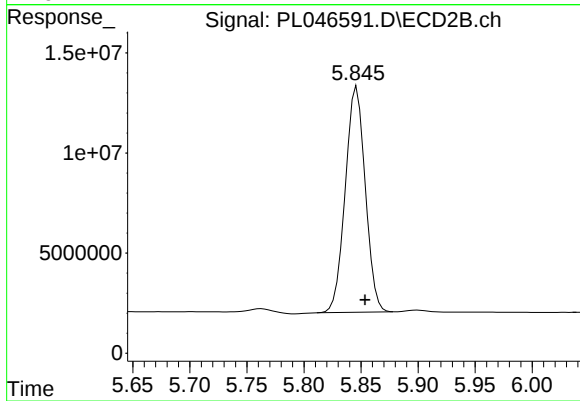
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.008 min
Response: 125336482
Conc: 54.02 ng/ml m



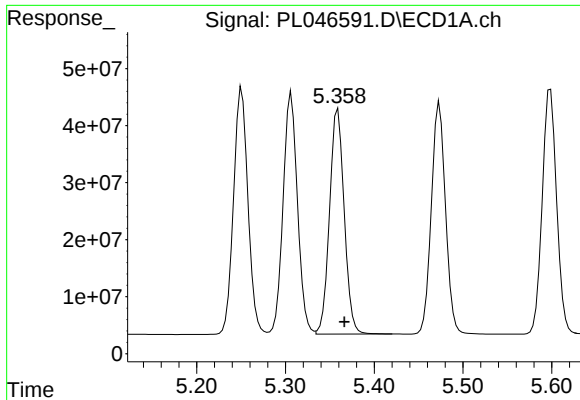
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 477165234
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 137564340
Conc: 52.16 ng/ml m



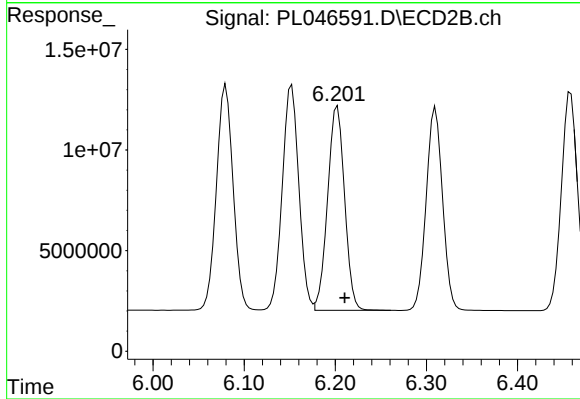
#9 Endosulfan I

R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 453512869
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

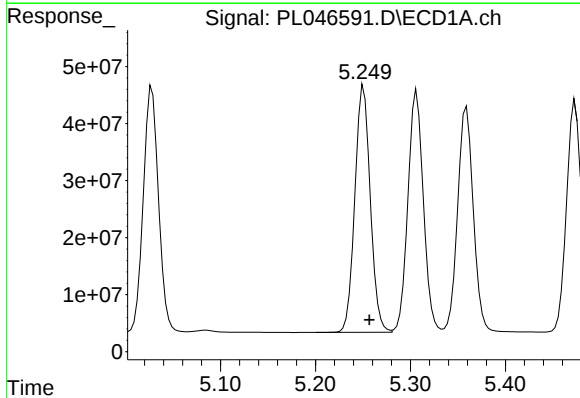
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



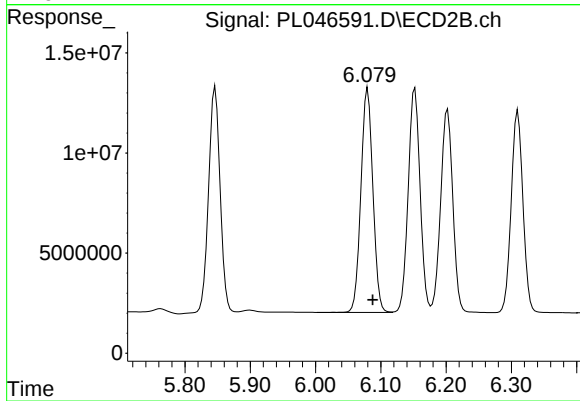
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 131335329
Conc: 50.32 ng/ml



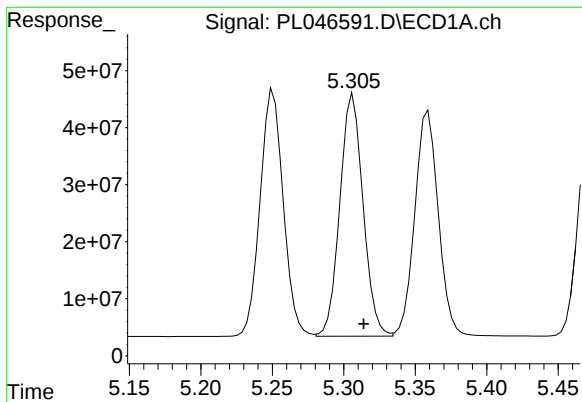
#10 gamma-Chlordane

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 488041811
Conc: 47.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 142557238
Conc: 50.23 ng/ml



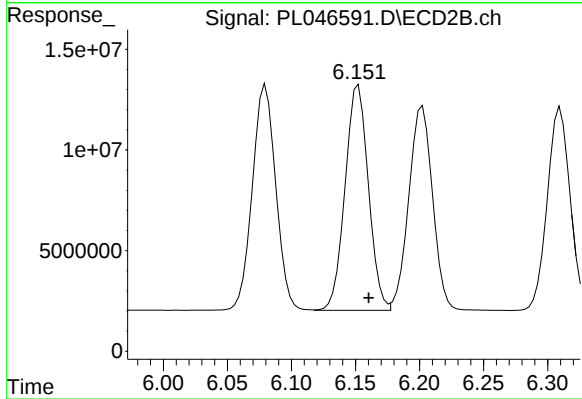
#11 alpha-Chlordane

R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 479527269
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

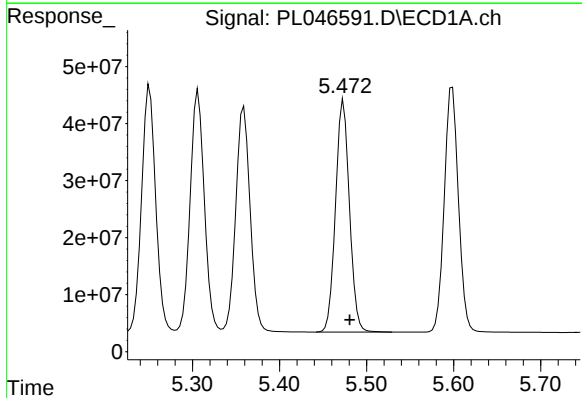
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



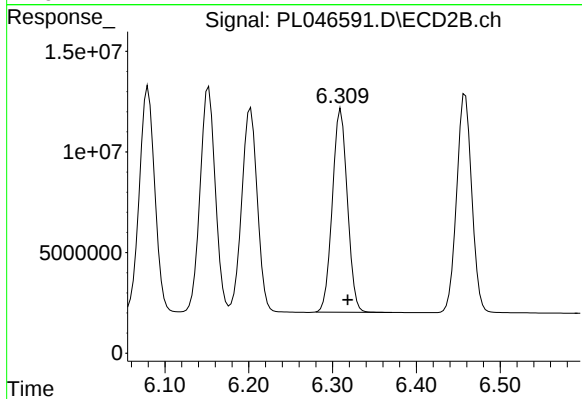
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 141710798
Conc: 49.96 ng/ml



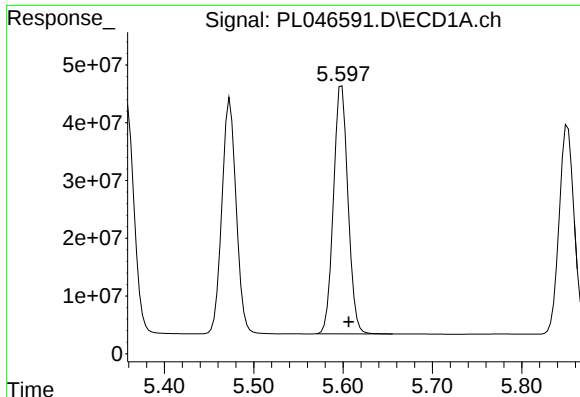
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.009 min
Response: 452879005
Conc: 49.19 ng/ml m



#12 4,4'-DDE

R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 125558949
Conc: 50.58 ng/ml



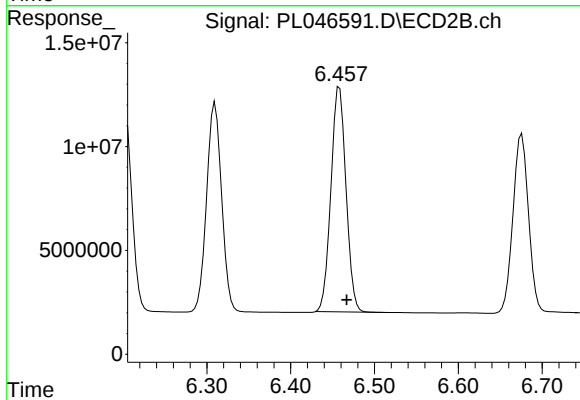
#13 Dieldrin

R.T.: 5.599 min
Delta R.T.: -0.008 min
Response: 485332758
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

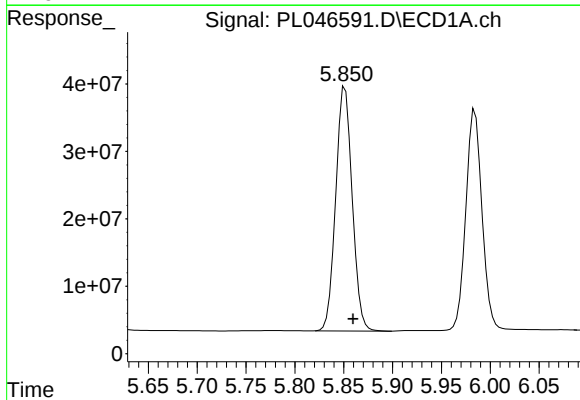
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



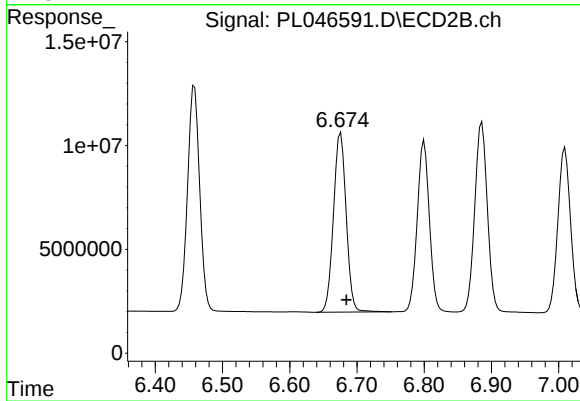
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 135110062
Conc: 49.84 ng/ml



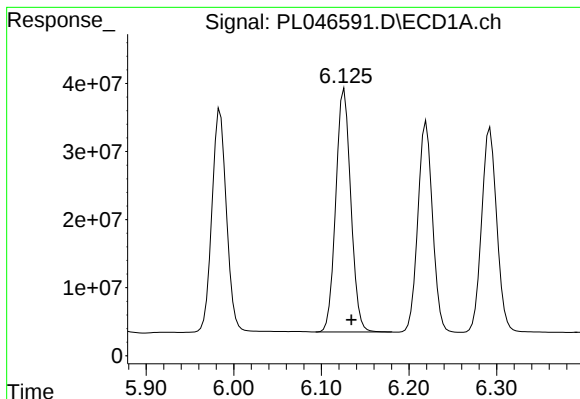
#14 Endrin

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 426282006
Conc: 45.26 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.009 min
Response: 112288766
Conc: 46.99 ng/ml



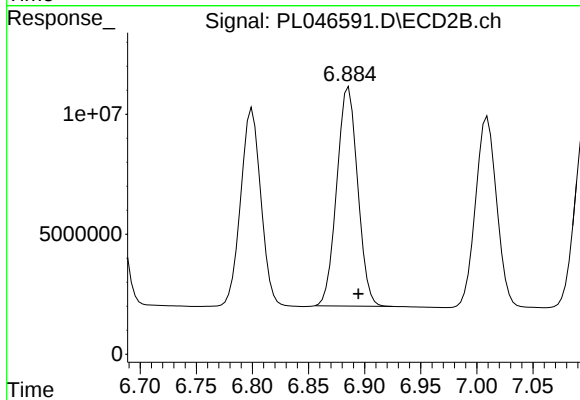
#15 Endosulfan II

R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 425545662
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

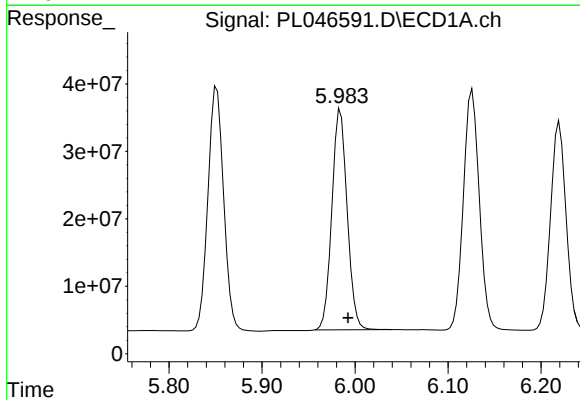
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



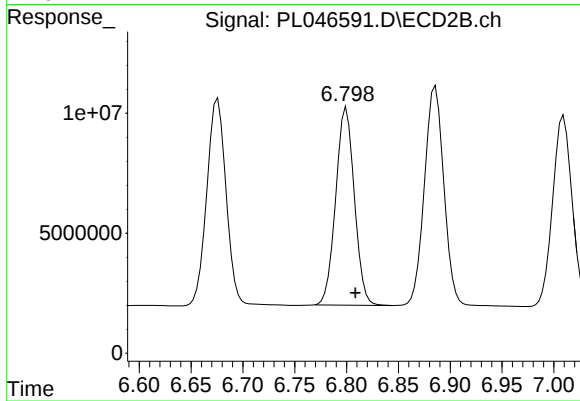
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 118268503
Conc: 49.02 ng/ml



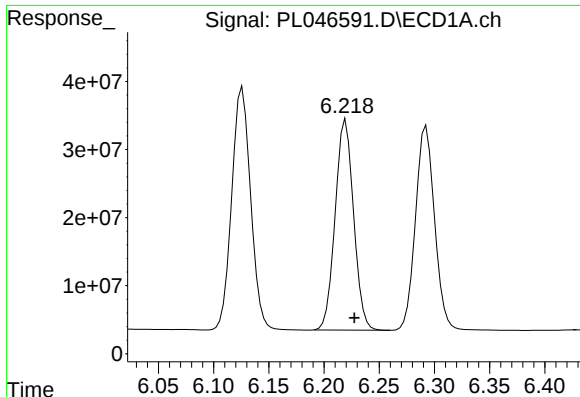
#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: -0.008 min
Response: 374228757
Conc: 49.51 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 102976160
Conc: 51.18 ng/ml



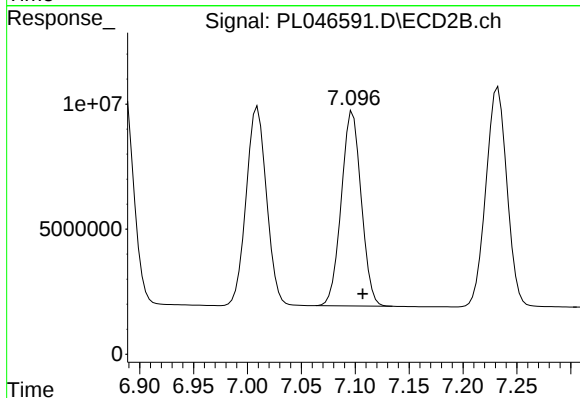
#17 4,4'-DDT

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 359030618
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

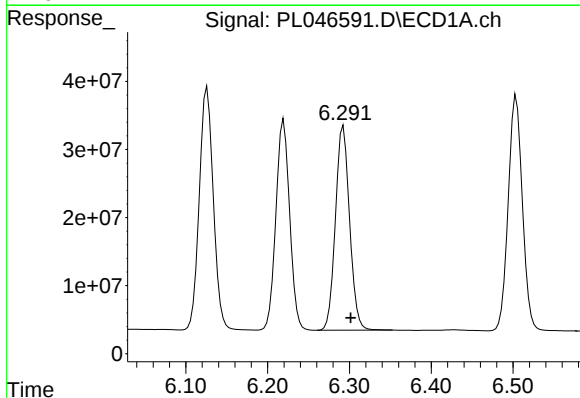
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



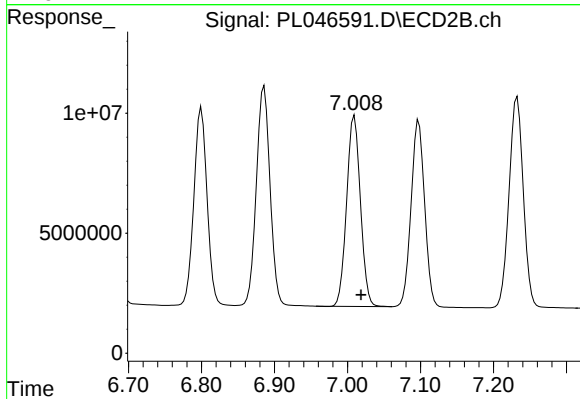
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 100359343
Conc: 47.86 ng/ml m



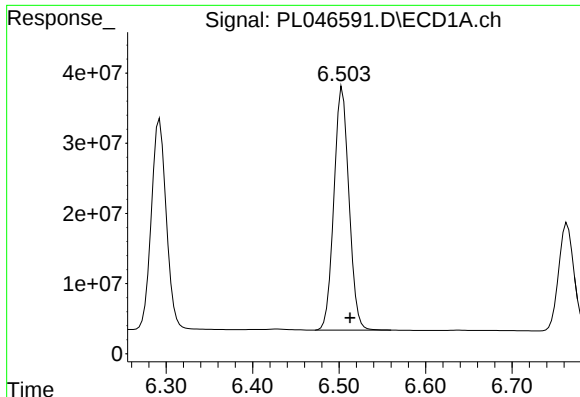
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.009 min
Response: 360583205
Conc: 48.11 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 104245634
Conc: 49.08 ng/ml



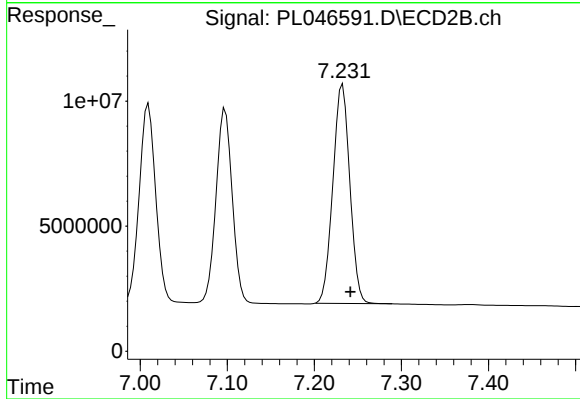
#19 Endosulfan Sulfate

R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 417179585
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

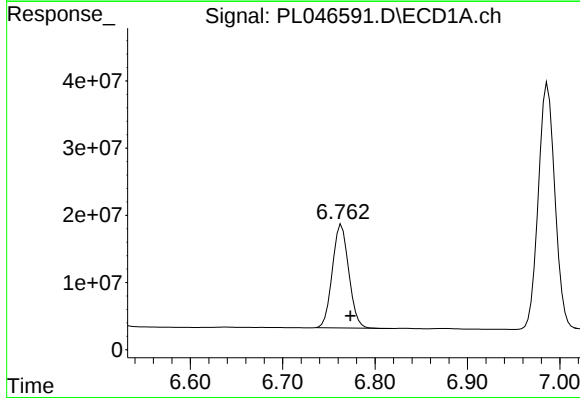
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



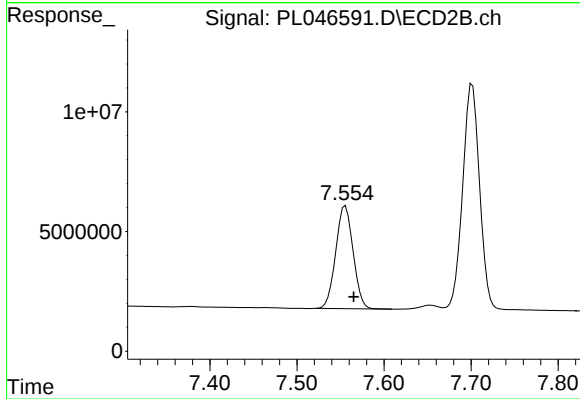
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.009 min
Response: 118580815
Conc: 50.27 ng/ml



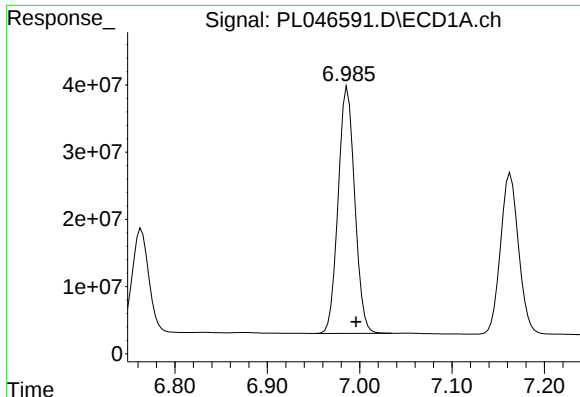
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: -0.010 min
Response: 189916059
Conc: 44.69 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.010 min
Response: 59605505
Conc: 46.76 ng/ml



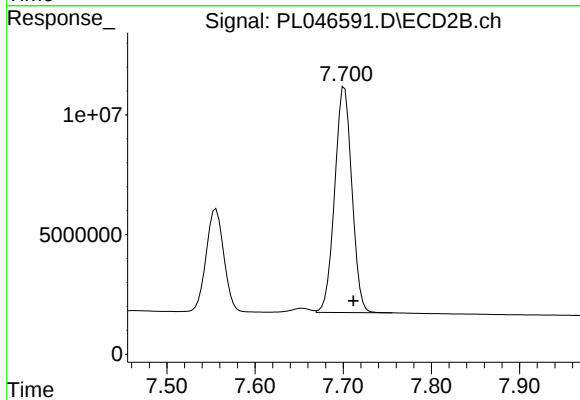
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.011 min
Response: 457294855
Conc: 49.45 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB118326BS

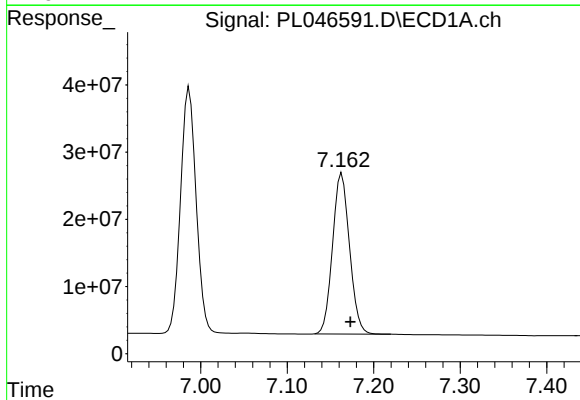
Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



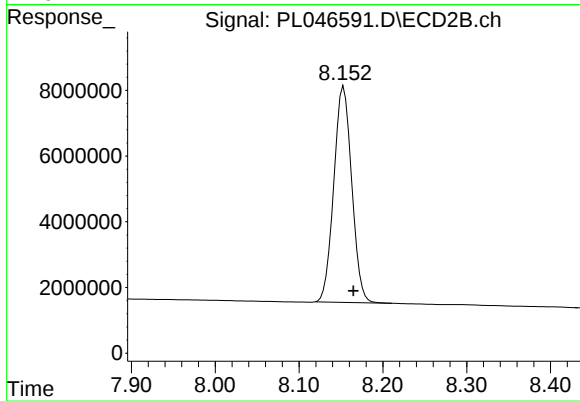
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.010 min
Response: 127563582
Conc: 51.34 ng/ml



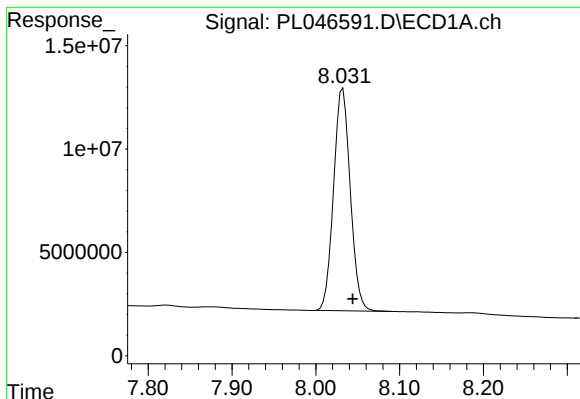
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 324830797
Conc: 44.59 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.011 min
Response: 97688262
Conc: 48.84 ng/ml



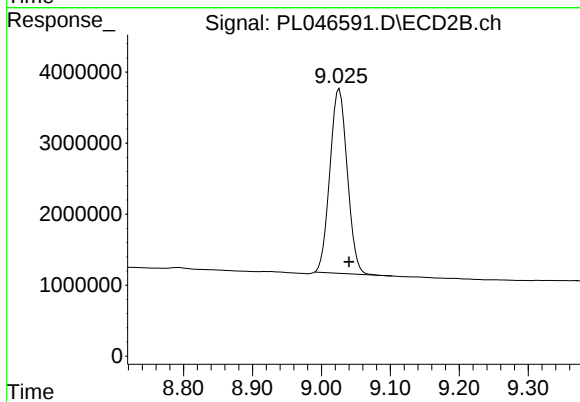
#28 Decachlorobiphenyl

R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 148708819
Conc: 17.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB118326BS

Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:43 PM



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: -0.014 min
Response: 45446709
Conc: 19.60 ng/ml