

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
 Data File : PL046538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2019 13:07
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 3/28/2019 12:46:40 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 13:32:08 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...	3.359	3.978	331.0E6	102.7E6	45.502	44.873
2)	SA Decachlor...	8.034	9.028	388.2E6	110.9E6	46.158	47.844
Target Compounds							
2)	A alpha-BHC	3.788	4.367	544.4E6	146.6E6	46.681	45.619
3)	MA gamma-BHC...	4.066	4.652	494.4E6	136.8E6	46.014	45.717
4)	MA Heptachlor	4.352	5.157	512.0E6	140.1E6	46.442	45.532
5)	MB Aldrin	4.592	5.461	477.7E6	130.7E6	46.308	45.630
6)	B beta-BHC	4.318	4.824	200.6E6	60335956	44.552	45.513
7)	B delta-BHC	4.514	5.040	469.9E6	111.4E6	46.418	48.025
8)	B Heptachlo...	5.029	5.847	454.6E6	121.4E6	46.605	46.051
9)	A Endosulfan I	5.361	6.204	432.3E6	119.4E6	45.975	45.763
10)	B gamma-Chl...	5.252	6.081	469.2E6	129.4E6	45.675	45.609
11)	B alpha-Chl...	5.308	6.154	462.6E6	129.4E6	45.622	45.623
12)	B 4,4'-DDE	5.474	6.312	426.8E6	113.1E6	46.351m	45.580
13)	MA Dieldrin	5.600	6.460	464.1E6	123.1E6	46.246	45.423
14)	MA Endrin	5.853	6.677	433.4E6	109.3E6	46.016	45.731
15)	B Endosulfa...	6.128	6.887	413.0E6	110.5E6	46.097	45.789
16)	A 4,4'-DDD	5.986	6.801	346.7E6	91670239	45.865	45.561
17)	MA 4,4'-DDT	6.221	7.099	366.9E6	97716641	48.445	46.599
18)	B Endrin al...	6.295	7.011	343.7E6	97117001	45.861	45.724
19)	B Endosulfa...	6.506	7.234	384.9E6	107.7E6	46.872	45.672
20)	A Methoxychlor	6.765	7.557	199.4E6	59275575	46.908	46.499
21)	B Endrin ke...	6.989	7.702	434.3E6	114.0E6	46.971	45.881
22)	Mirex	7.165	8.155	335.6E6	91910366	46.060	45.951

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
Data File : PL046538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2019 13:07
Operator : AJ\SJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

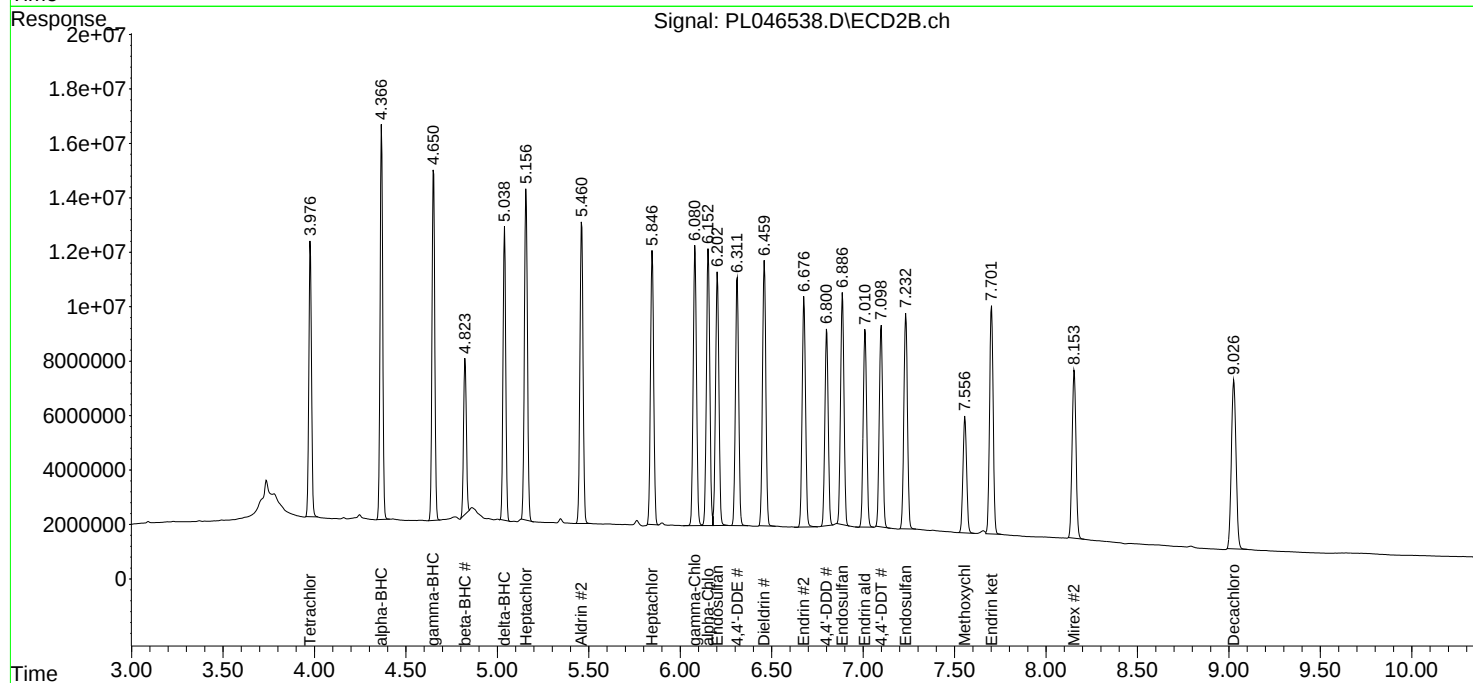
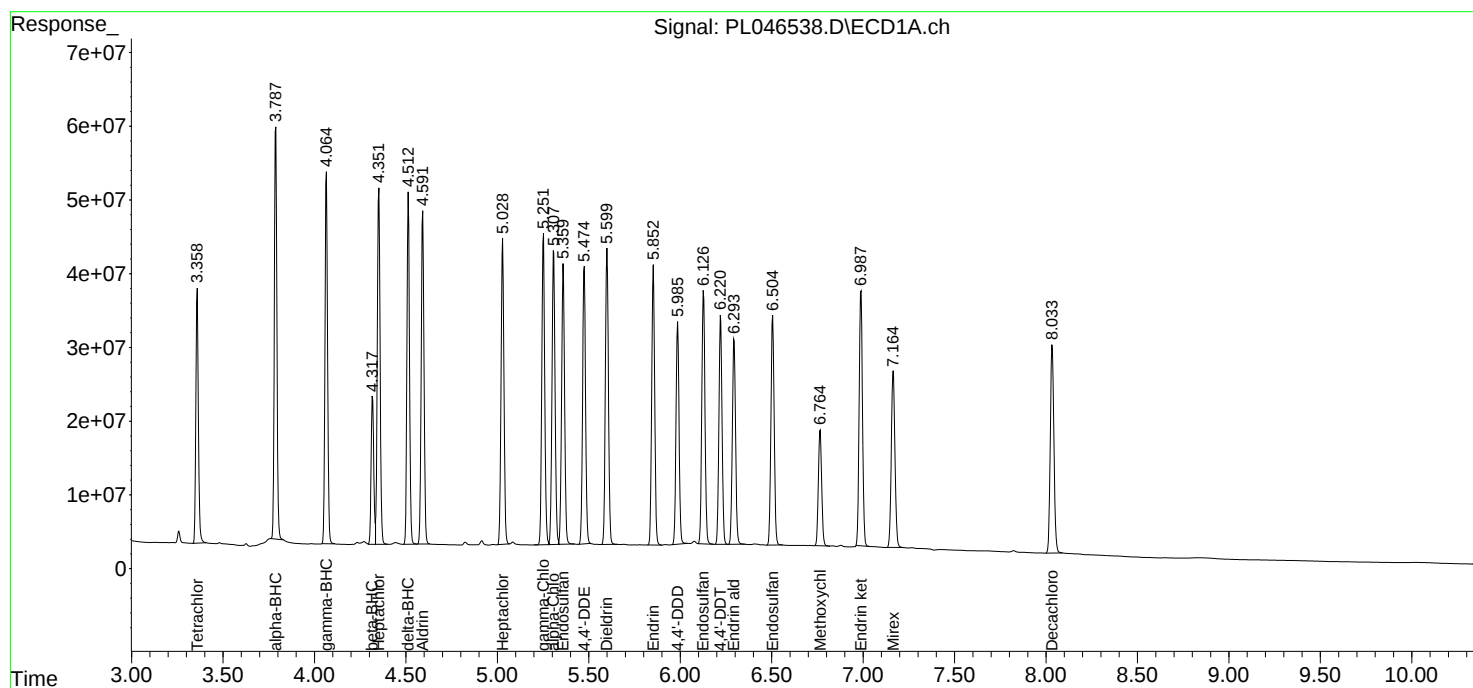
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

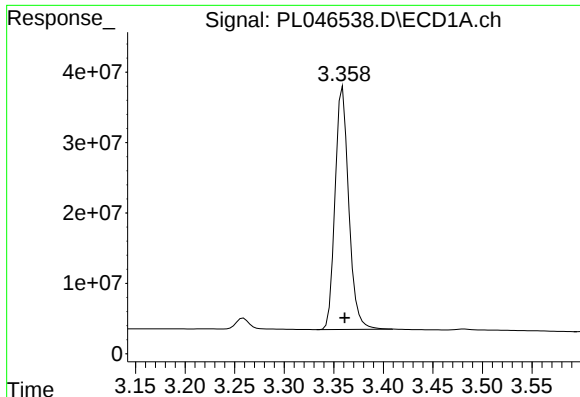
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 13:32:08 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





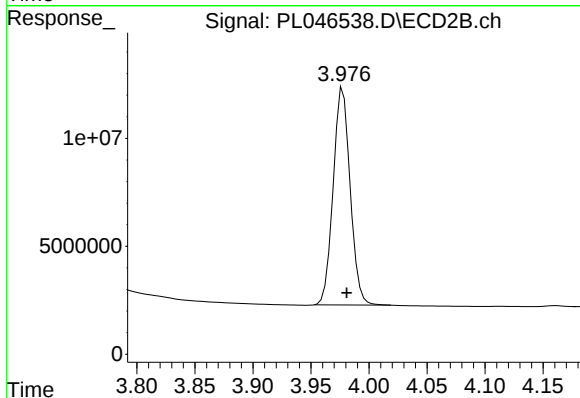
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 331008973
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

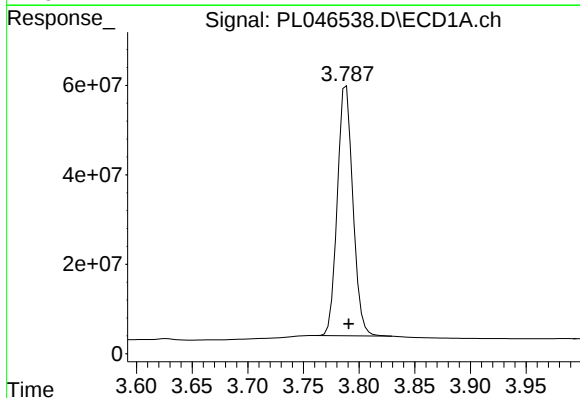
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



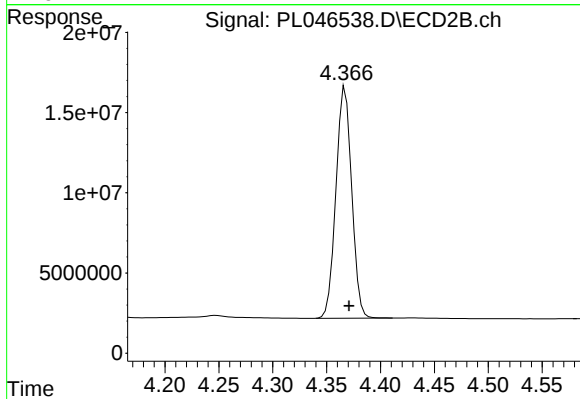
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 102742007
Conc: 44.87 ng/ml



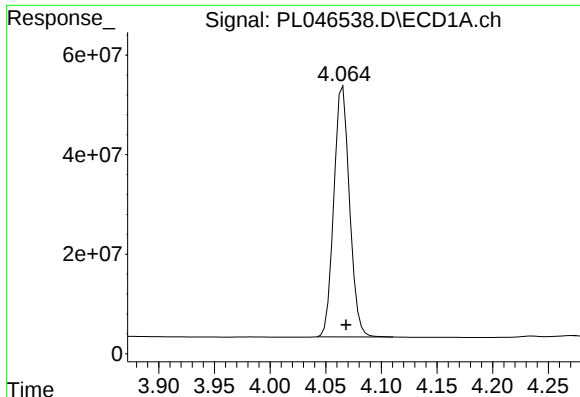
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.002 min
Response: 544396859
Conc: 46.68 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 146587917
Conc: 45.62 ng/ml



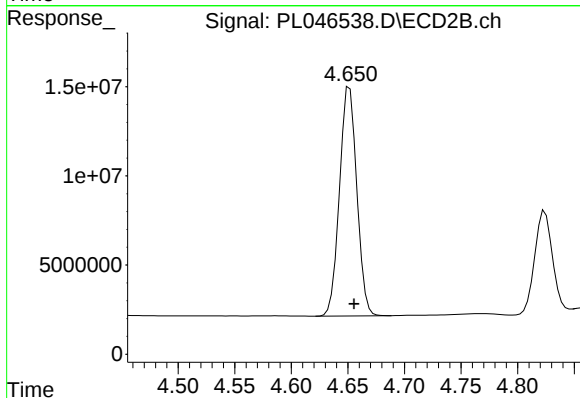
#3 gamma-BHC (Lindane)

R.T.: 4.066 min
Delta R.T.: -0.003 min
Response: 494401366
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

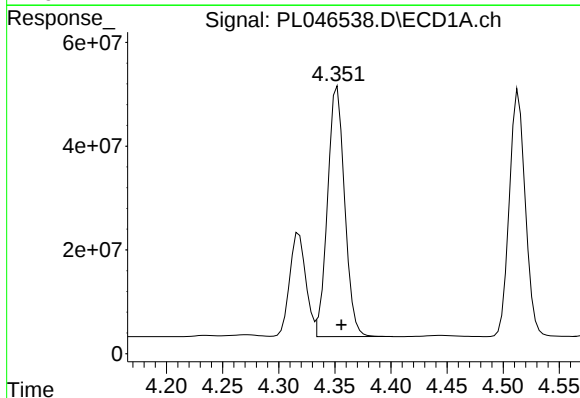
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



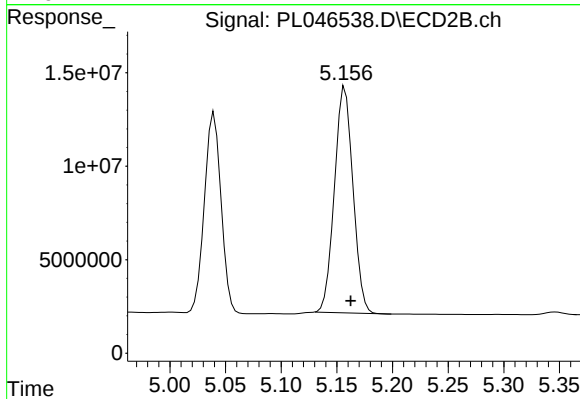
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 136830429
Conc: 45.72 ng/ml



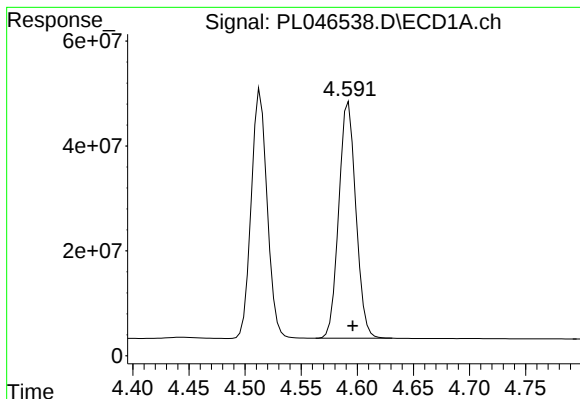
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 512026686
Conc: 46.44 ng/ml



#4 Heptachlor

R.T.: 5.157 min
Delta R.T.: -0.005 min
Response: 140052099
Conc: 45.53 ng/ml



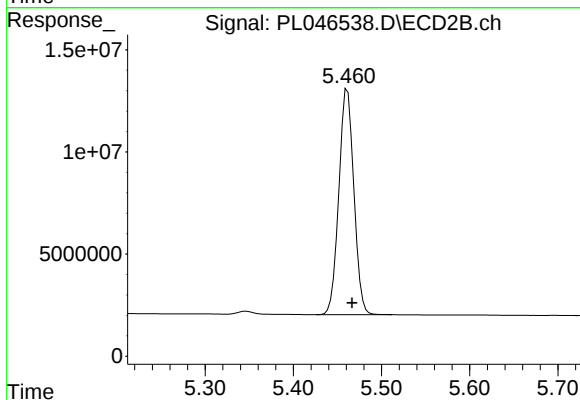
#5 Aldrin

R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 477670226
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

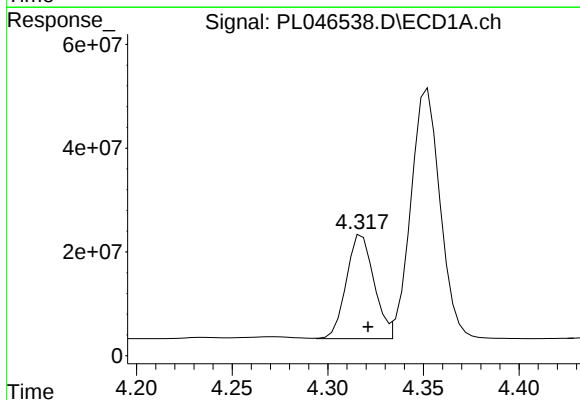
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



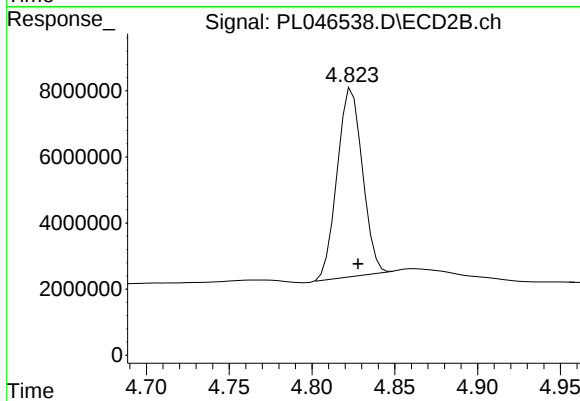
#5 Aldrin

R.T.: 5.461 min
Delta R.T.: -0.005 min
Response: 130728328
Conc: 45.63 ng/ml



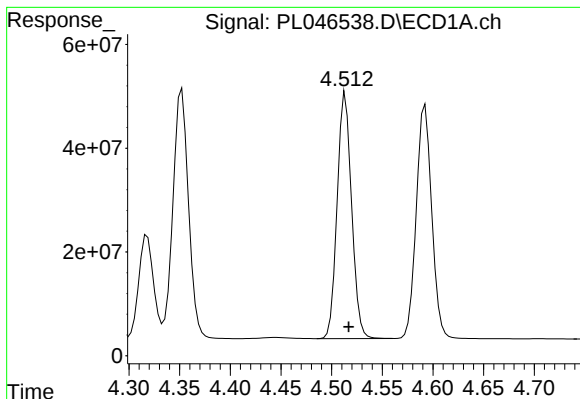
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 200591132
Conc: 44.55 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 60335956
Conc: 45.51 ng/ml



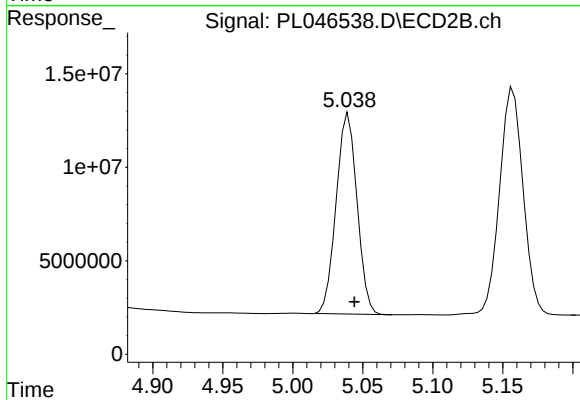
#7 delta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 469896558
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

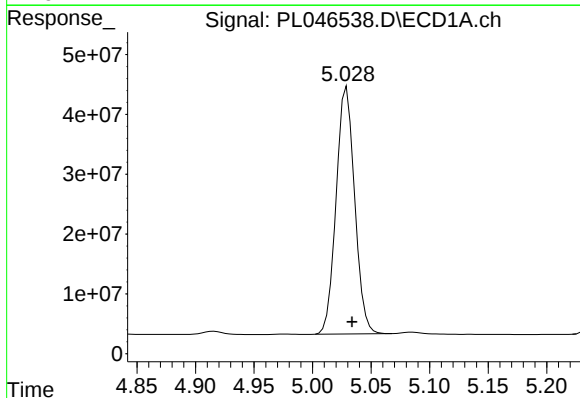
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



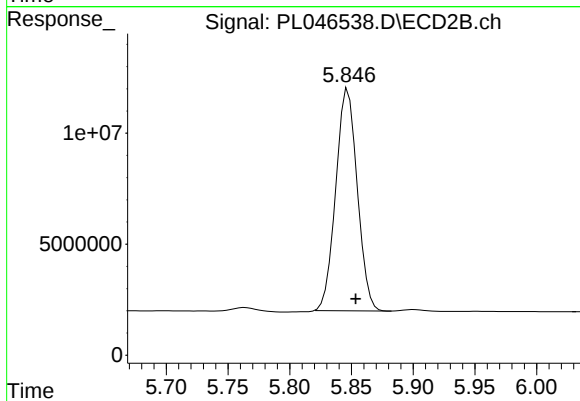
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 111426927
Conc: 48.03 ng/ml



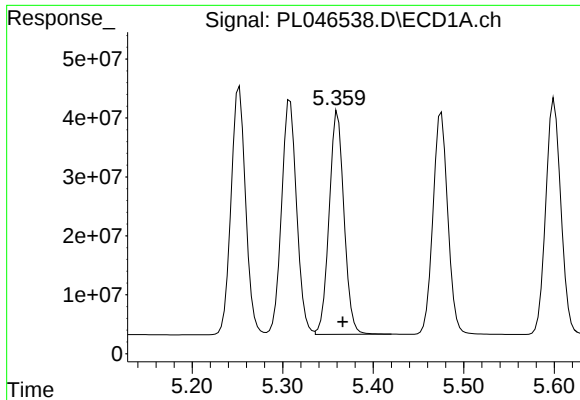
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 454562392
Conc: 46.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.006 min
Response: 121444979
Conc: 46.05 ng/ml



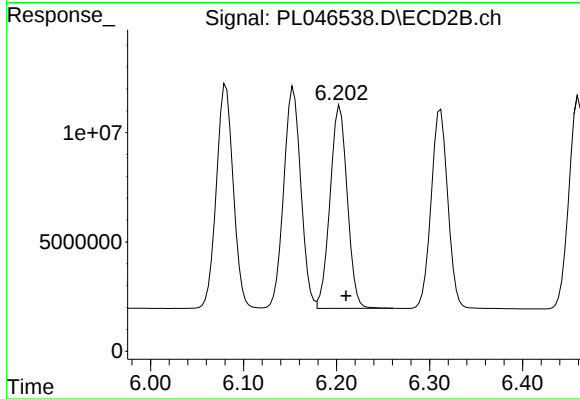
#9 Endosulfan I

R.T.: 5.361 min
Delta R.T.: -0.006 min
Response: 432269666
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

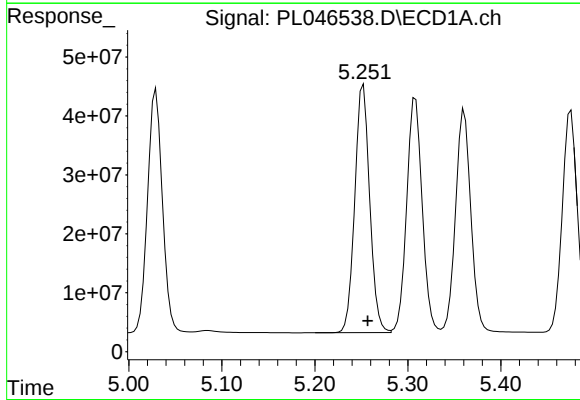
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



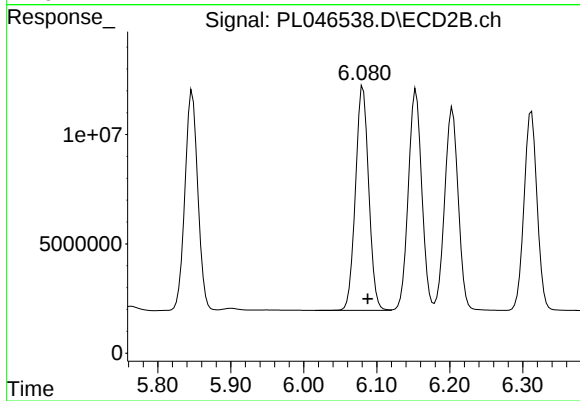
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 119436997
Conc: 45.76 ng/ml



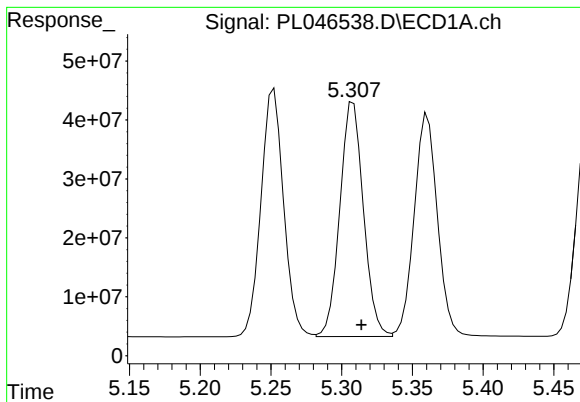
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 469201355
Conc: 45.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 129442618
Conc: 45.61 ng/ml



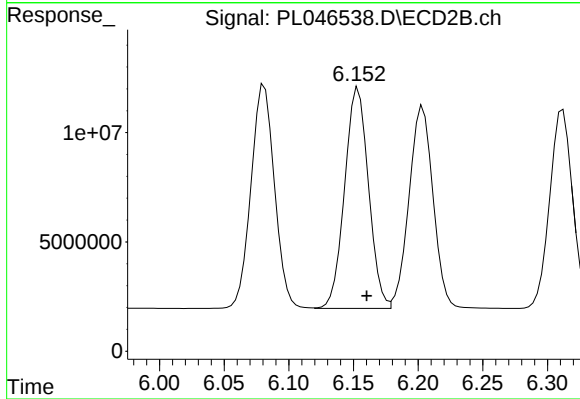
#11 alpha-Chlordane

R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 462559571
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

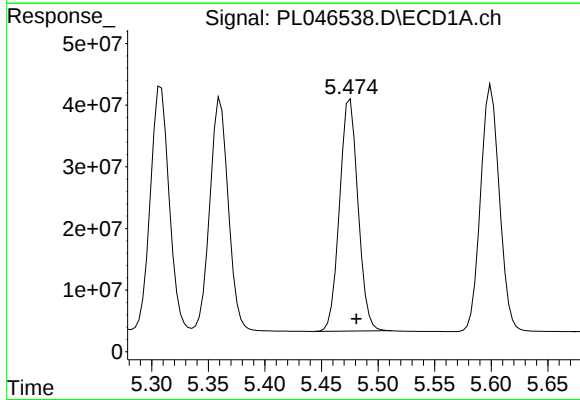
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



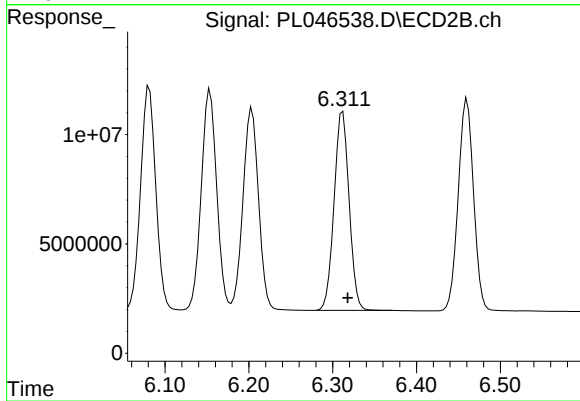
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.007 min
Response: 129416496
Conc: 45.62 ng/ml



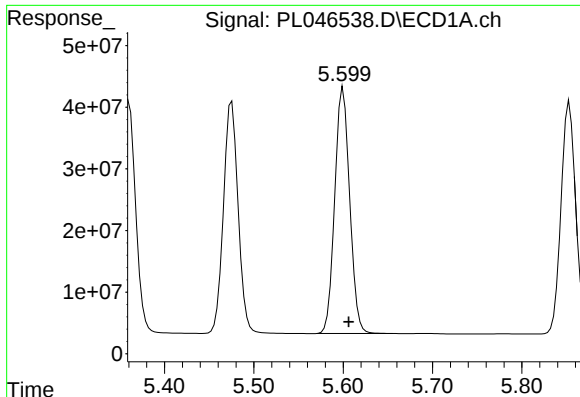
#12 4,4'-DDE

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 426752049
Conc: 46.35 ng/ml m



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 113145183
Conc: 45.58 ng/ml



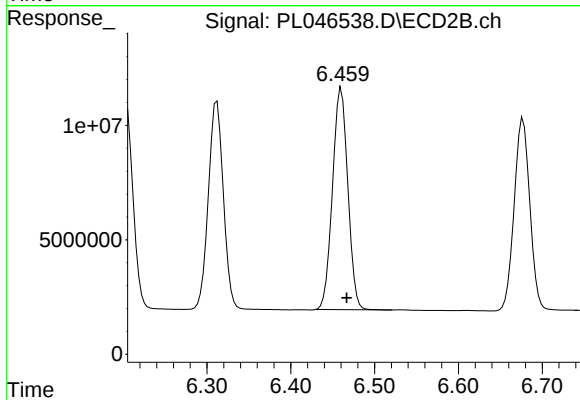
#13 Dieldrin

R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 464101140
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

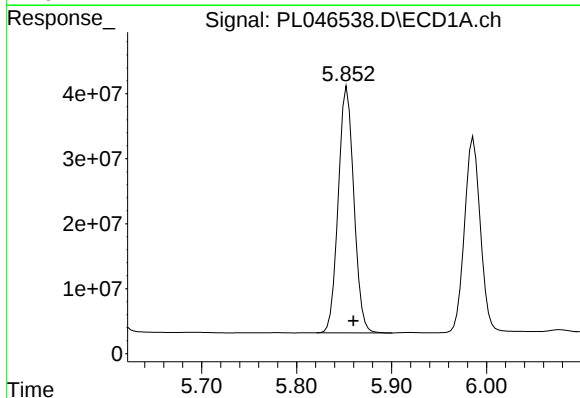
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



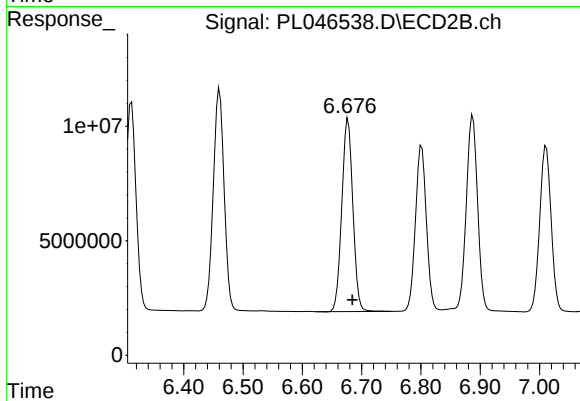
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 123127176
Conc: 45.42 ng/ml



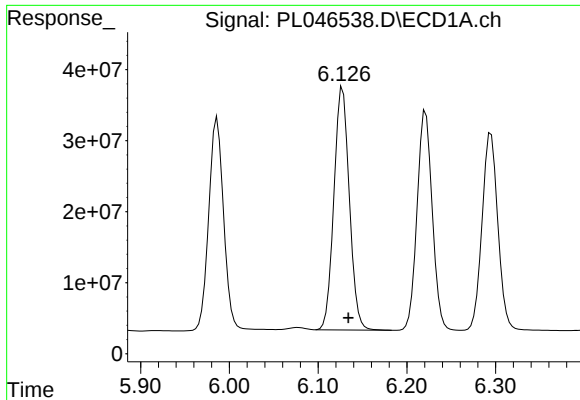
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 433431877
Conc: 46.02 ng/ml



#14 Endrin

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 109286925
Conc: 45.73 ng/ml



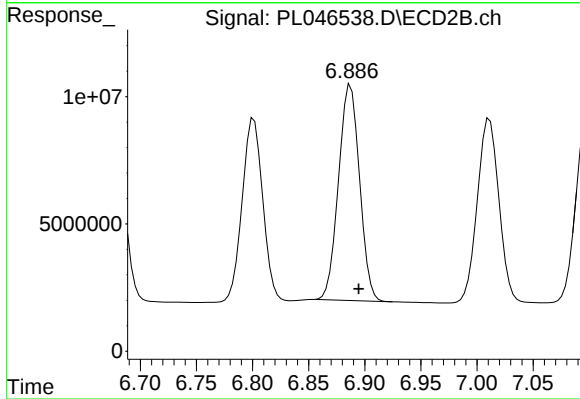
#15 Endosulfan II

R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 413014226
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

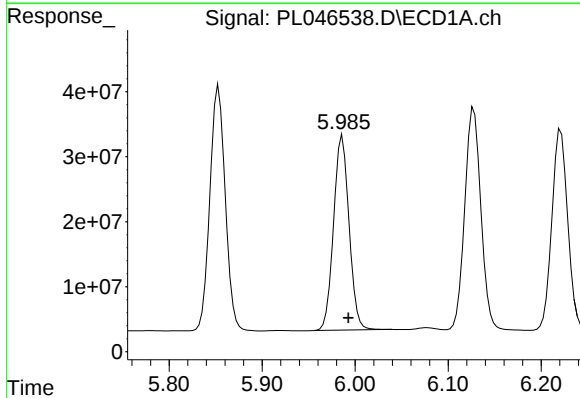
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



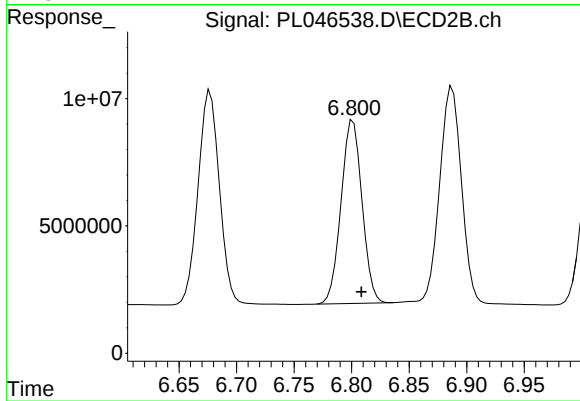
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: -0.007 min
Response: 110485012
Conc: 45.79 ng/ml



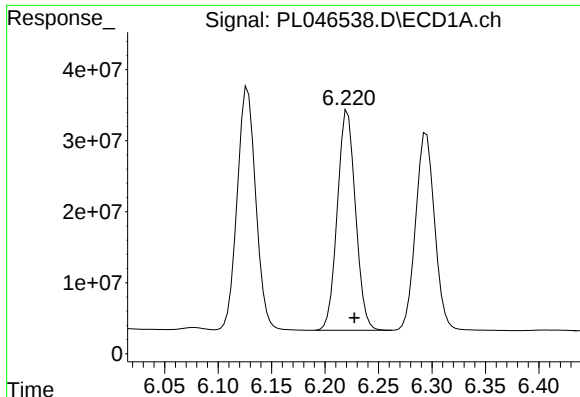
#16 4,4'-DDD

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 346697846
Conc: 45.87 ng/ml



#16 4,4'-DDD

R.T.: 6.801 min
Delta R.T.: -0.007 min
Response: 91670239
Conc: 45.56 ng/ml



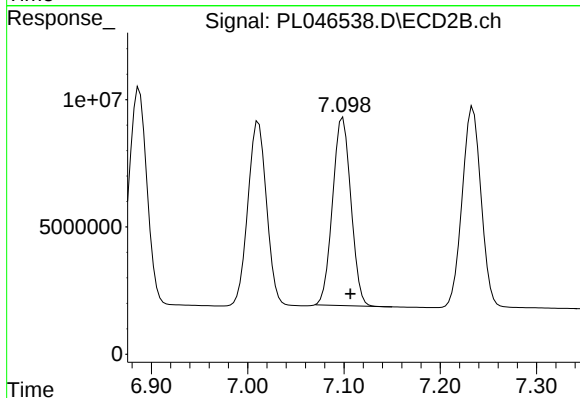
#17 4,4'-DDT

R.T.: 6.221 min
Delta R.T.: -0.006 min
Response: 366937547
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

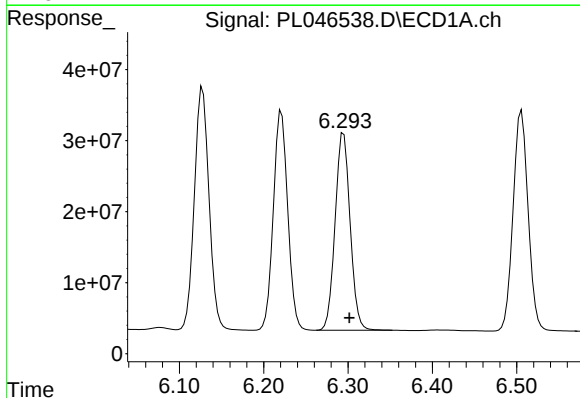
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



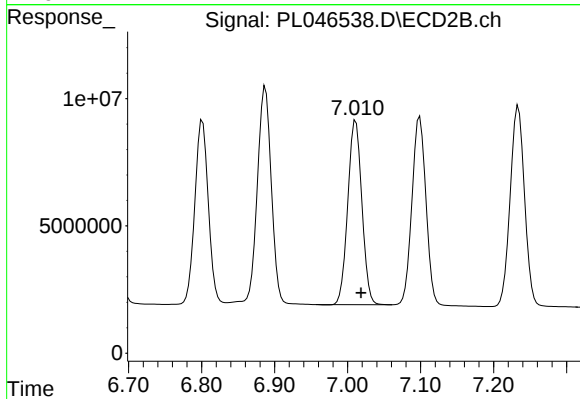
#17 4,4'-DDT

R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 97716641
Conc: 46.60 ng/ml



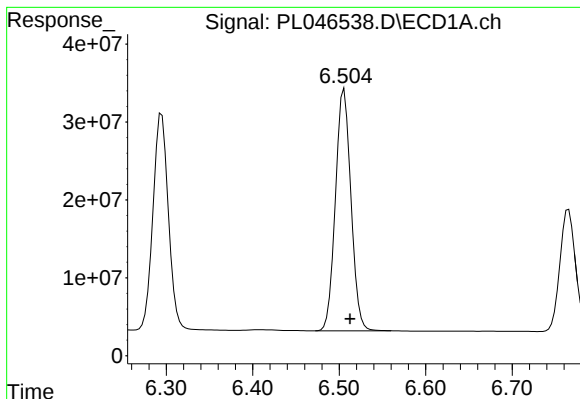
#18 Endrin aldehyde

R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 343734039
Conc: 45.86 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 97117001
Conc: 45.72 ng/ml



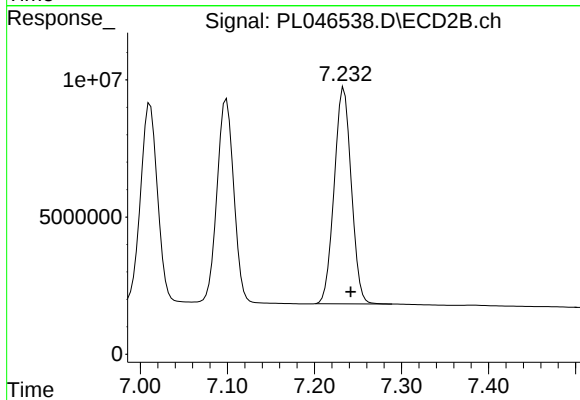
#19 Endosulfan Sulfate

R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 384877952
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

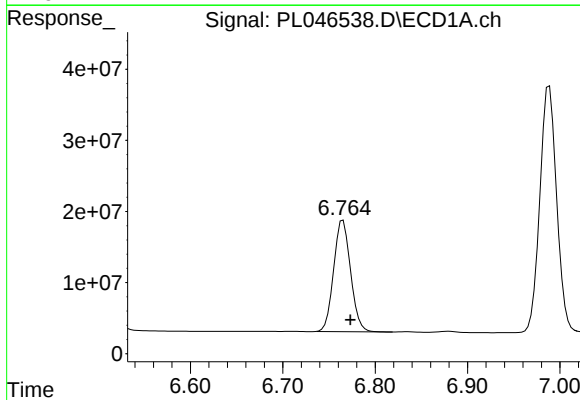
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



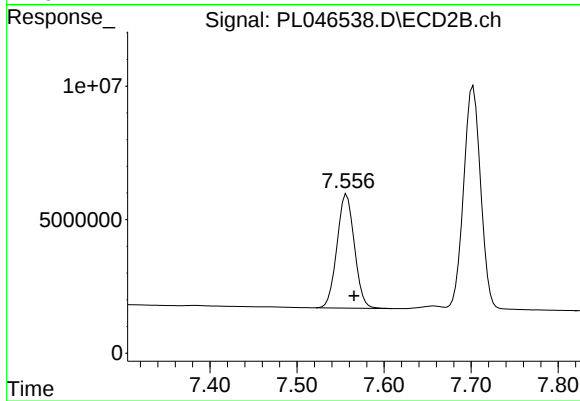
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 107740920
Conc: 45.67 ng/ml



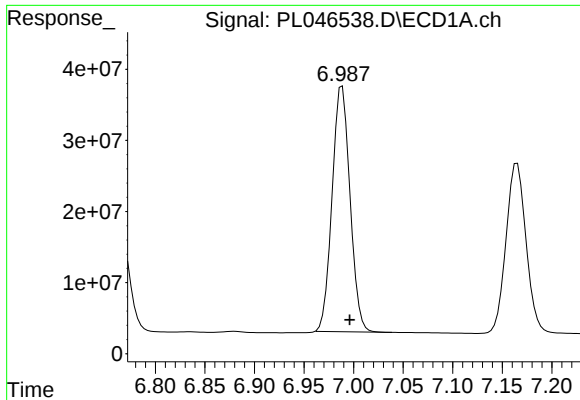
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 199353041
Conc: 46.91 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: -0.008 min
Response: 59275575
Conc: 46.50 ng/ml



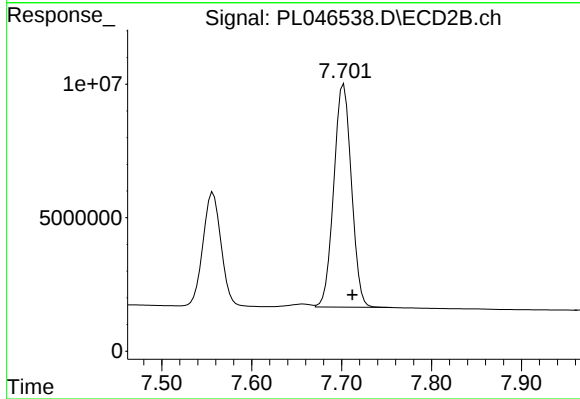
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.008 min
Response: 434331032
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

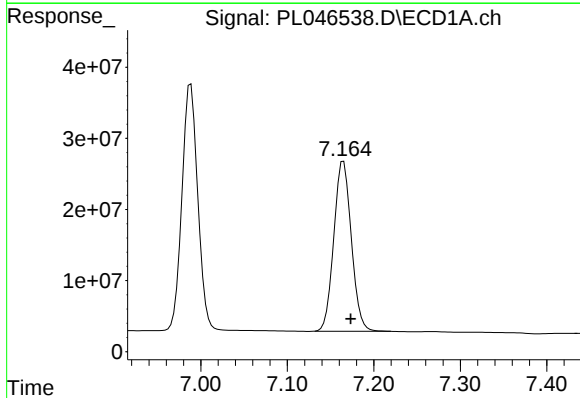
Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



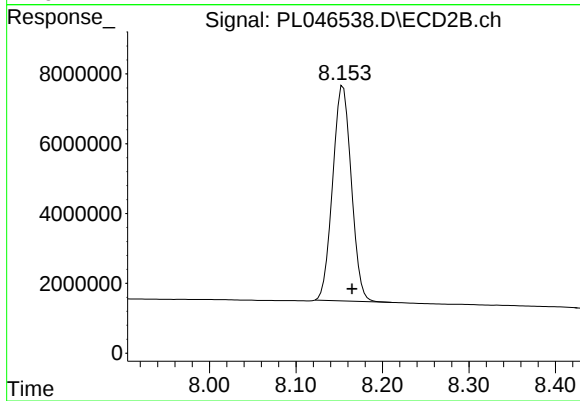
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.009 min
Response: 113992958
Conc: 45.88 ng/ml



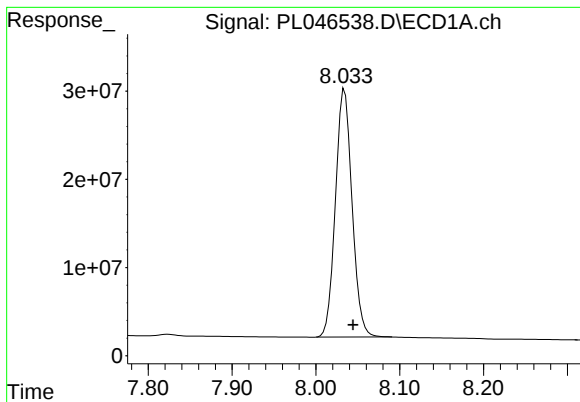
#22 Mirex

R.T.: 7.165 min
Delta R.T.: -0.008 min
Response: 335570681
Conc: 46.06 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 91910366
Conc: 45.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.034 min

Delta R.T.: -0.010 min

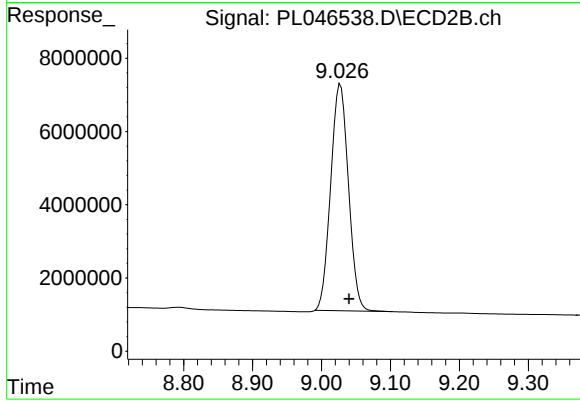
Response: 388240212

Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
3/28/2019 12:46:40 PM



#28 Decachlorobiphenyl

R.T.: 9.028 min

Delta R.T.: -0.012 min

Response: 110926074

Conc: 47.84 ng/ml