

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050420\
 Data File : PL058518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2020 17:00
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 5/5/2020 12:58:54 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 00:50:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 29 00:55:33 2020
 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...	3.458	3.954	485.3E6	106.7E6	45.602	49.377
28)	SA Decachlor...	8.203	8.976	449.3E6	100.1E6	41.541	45.105
Target Compounds							
2)	A alpha-BHC	3.894	4.341	848.0E6	163.0E6	46.306	49.221
3)	MA gamma-BHC...	4.178	4.624	794.5E6	160.8E6	46.023	48.613
4)	MA Heptachlor	4.478	5.125	808.6E6	162.6E6	45.760	47.064
5)	MB Aldrin	4.725	5.426	760.9E6	156.5E6	45.875	46.313
6)	B beta-BHC	4.430	4.796	324.1E6	77245829	45.354	53.016m
7)	B delta-BHC	4.634	5.011	783.7E6	145.5E6	46.127	57.884 #
8)	B Heptachlo...	5.168	5.812	751.9E6	153.1E6	49.506	47.809
9)	A Endosulfan I	5.506	6.167	636.6E6	141.4E6	45.100	45.703
10)	B gamma-Chl...	5.395	6.045	730.7E6	157.6E6	47.451	46.673
11)	B alpha-Chl...	5.452	6.117	687.0E6	155.7E6	45.299	45.774
12)	B 4,4'-DDE	5.616	6.276	709.0E6	138.4E6	46.893	45.380
13)	MA Dieldrin	5.749	6.422	675.9E6	142.0E6	45.337	45.368
14)	MA Endrin	6.006	6.639	612.1E6	119.0E6	45.026	46.267
15)	B Endosulfa...	6.279	6.849	551.5E6	116.8E6	43.590	43.818
16)	A 4,4'-DDD	6.132	6.765	526.7E6	104.5E6	44.914	45.962
17)	MA 4,4'-DDT	6.371	7.062	528.7E6	102.8E6	45.308	46.944
18)	B Endrin al...	6.447	6.973	463.5E6	99678834	43.699	45.719
19)	B Endosulfa...	6.661	7.196	497.5E6	108.1E6	42.890	45.696
20)	A Methoxychlor	6.916	7.522	268.6E6	56094579	45.198	45.258
21)	B Endrin ke...	7.149	7.664	567.9E6	112.4E6	47.926m	46.088
22)	Mirex	7.337	8.112	370.4E6	86770429	41.868	45.438

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050420\
Data File : PL058518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2020 17:00
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

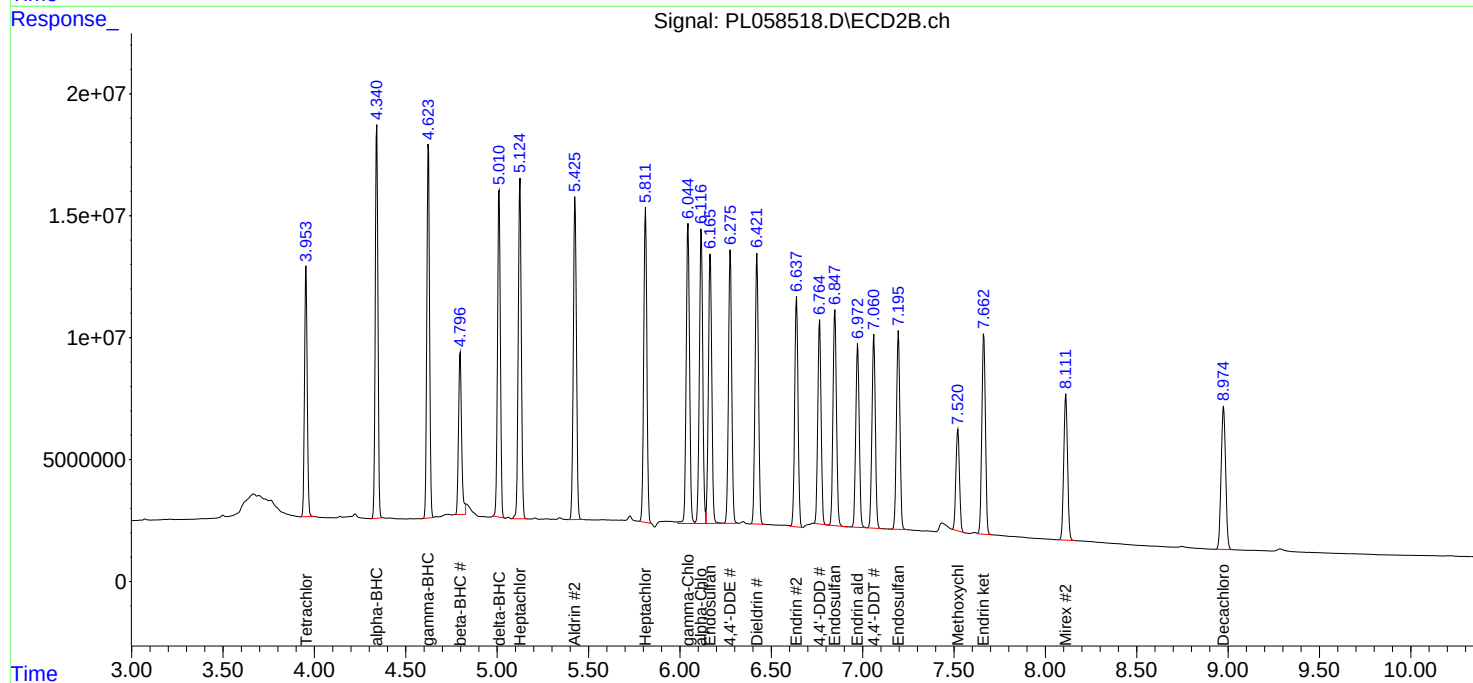
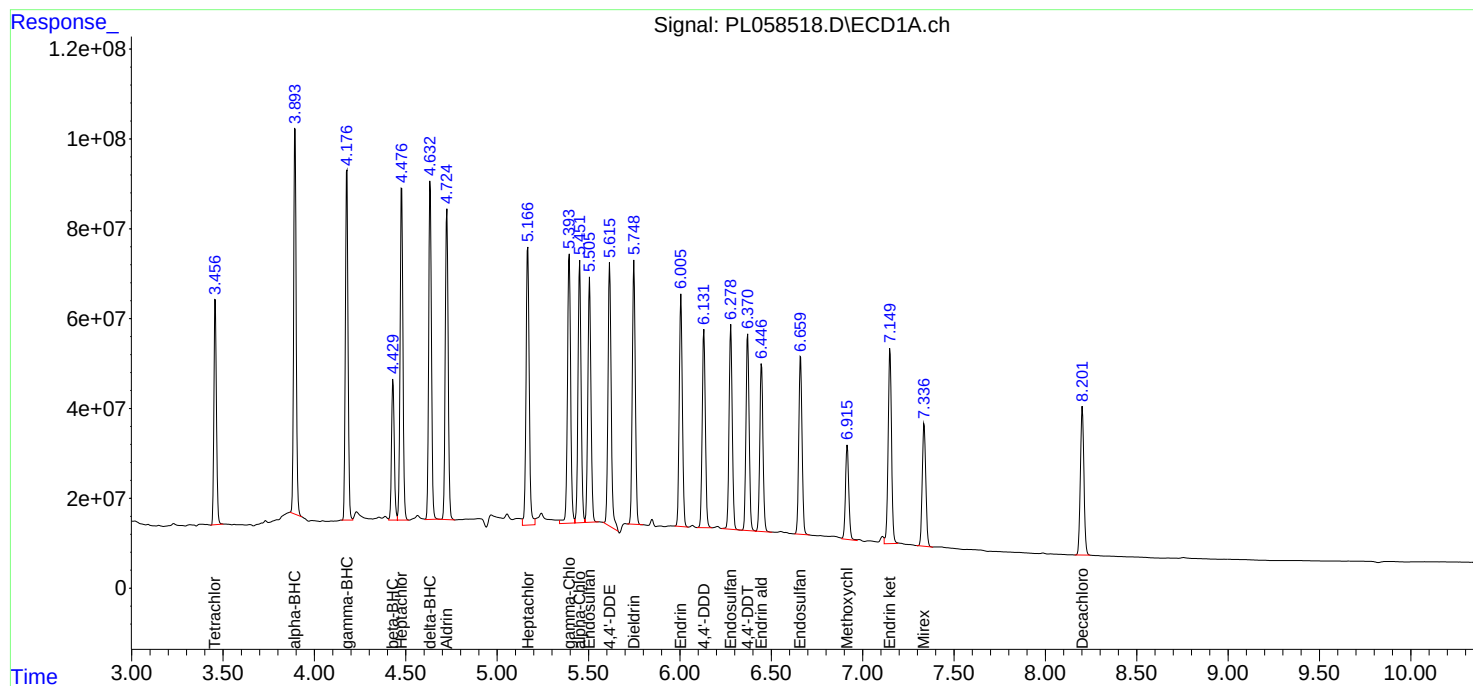
Instrument :
ECD_L
ClientSampled :
PSTDCCC050

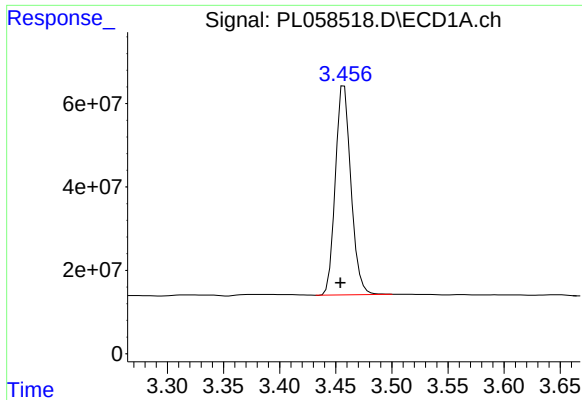
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 00:50:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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





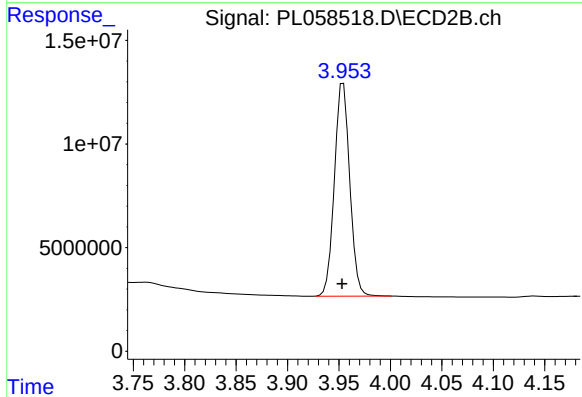
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.004 min
Response: 485298830
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

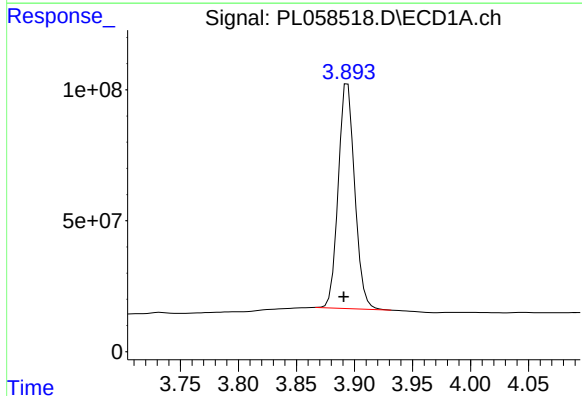
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



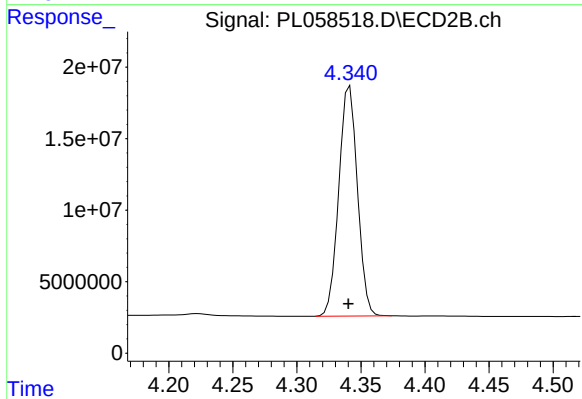
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: 0.001 min
Response: 106724261
Conc: 49.38 ng/ml



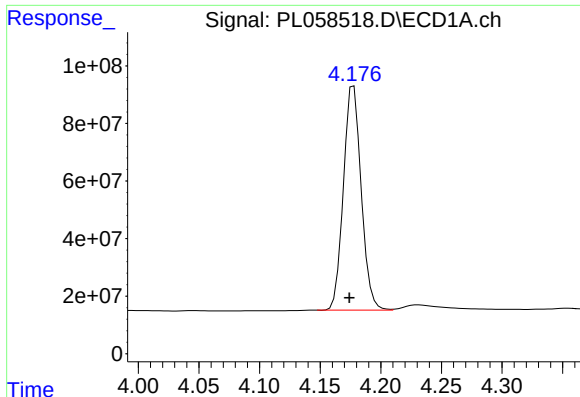
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.003 min
Response: 848038471
Conc: 46.31 ng/ml



#2 alpha-BHC

R.T.: 4.341 min
Delta R.T.: 0.001 min
Response: 163005927
Conc: 49.22 ng/ml



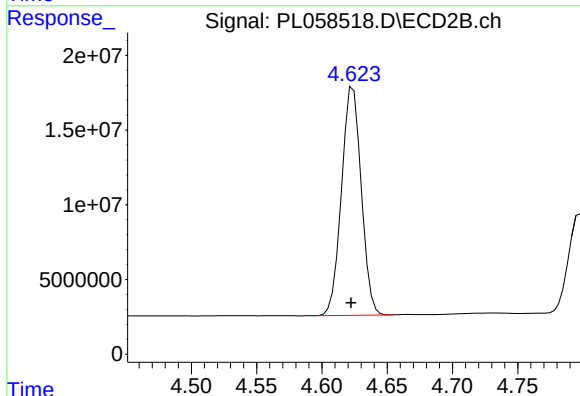
#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: 0.004 min
Response: 794486196
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

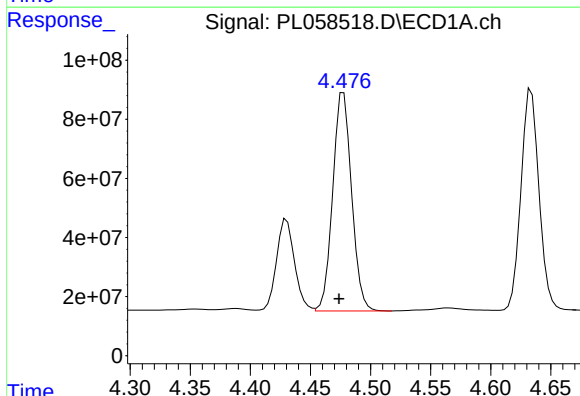
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



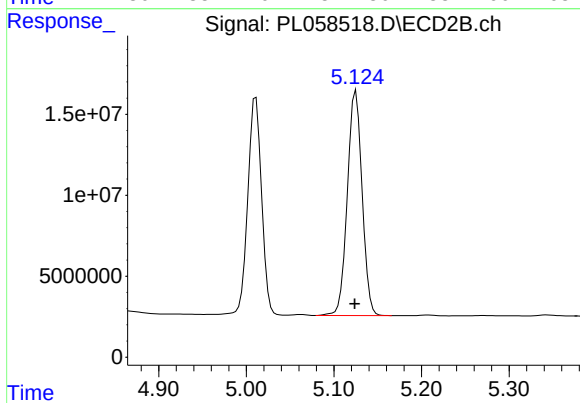
#3 gamma-BHC (Lindane)

R.T.: 4.624 min
Delta R.T.: 0.002 min
Response: 160840541
Conc: 48.61 ng/ml



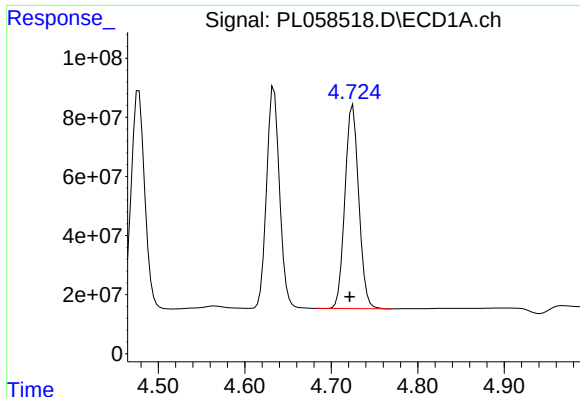
#4 Heptachlor

R.T.: 4.478 min
Delta R.T.: 0.004 min
Response: 808570630
Conc: 45.76 ng/ml



#4 Heptachlor

R.T.: 5.125 min
Delta R.T.: 0.001 min
Response: 162573687
Conc: 47.06 ng/ml



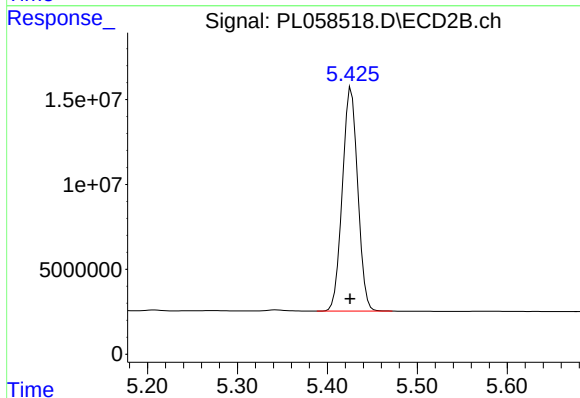
#5 Aldrin

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 760890720
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

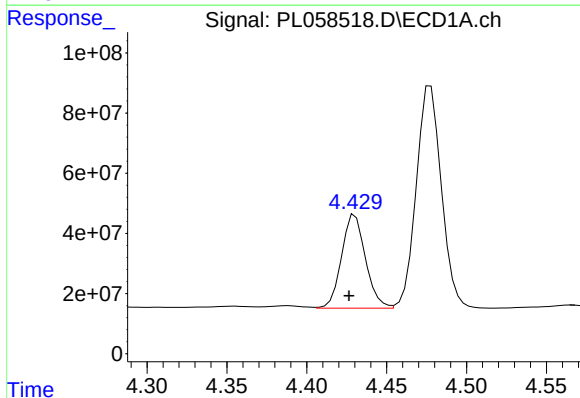
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



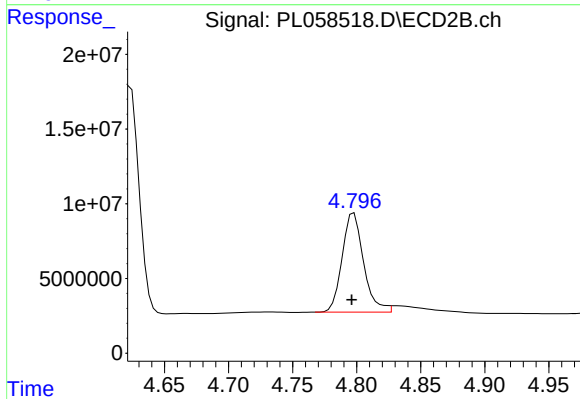
#5 Aldrin

R.T.: 5.426 min
Delta R.T.: 0.001 min
Response: 156511642
Conc: 46.31 ng/ml



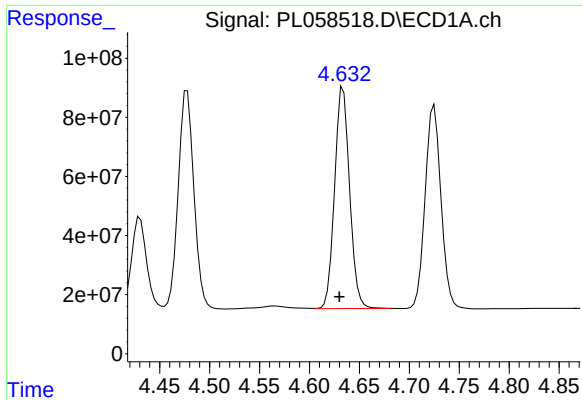
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.004 min
Response: 324134140
Conc: 45.35 ng/ml



#6 beta-BHC

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 77245829
Conc: 53.02 ng/ml m



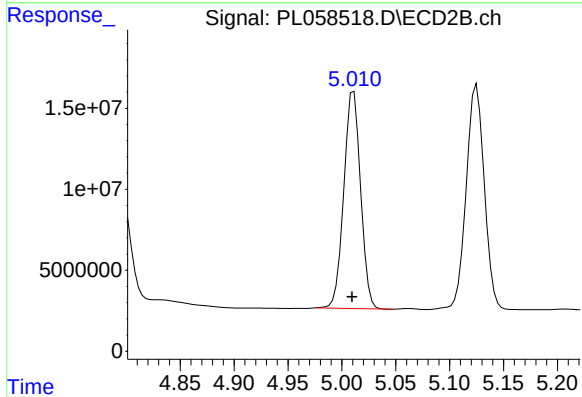
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: 0.004 min
Response: 783652191
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

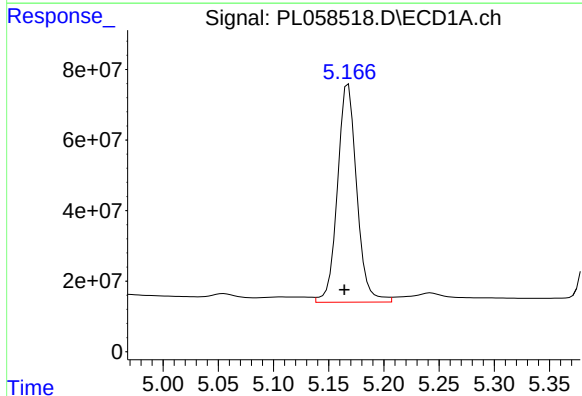
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



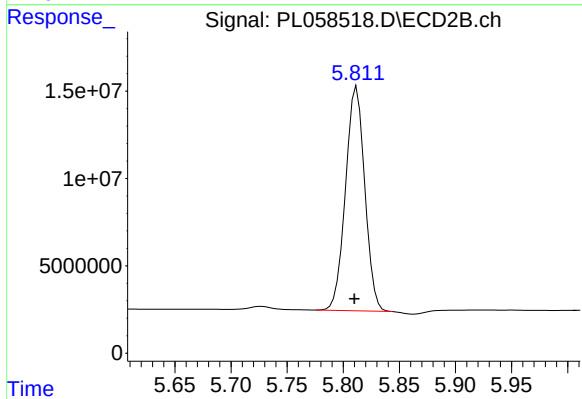
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.001 min
Response: 145524801
Conc: 57.88 ng/ml



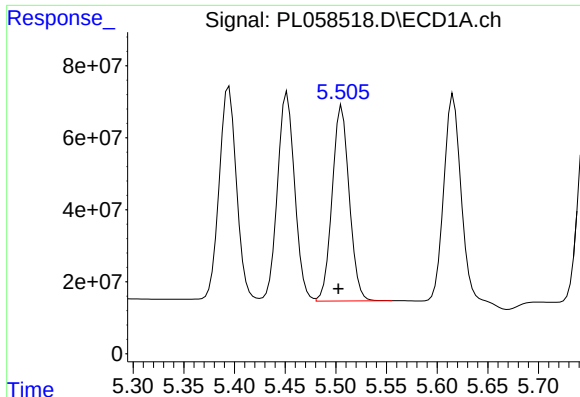
#8 Heptachlor epoxide

R.T.: 5.168 min
Delta R.T.: 0.004 min
Response: 751921708
Conc: 49.51 ng/ml



#8 Heptachlor epoxide

R.T.: 5.812 min
Delta R.T.: 0.002 min
Response: 153075471
Conc: 47.81 ng/ml



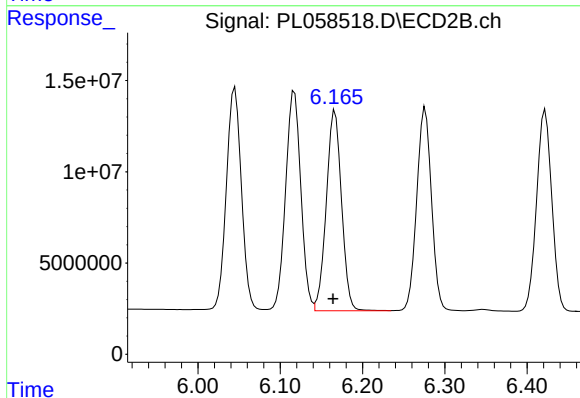
#9 Endosulfan I

R.T.: 5.506 min
Delta R.T.: 0.003 min
Response: 636646644
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

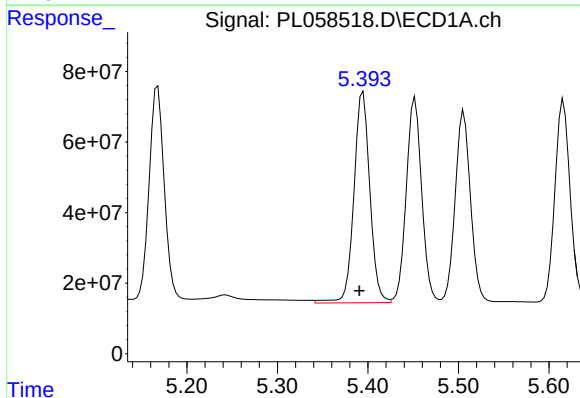
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



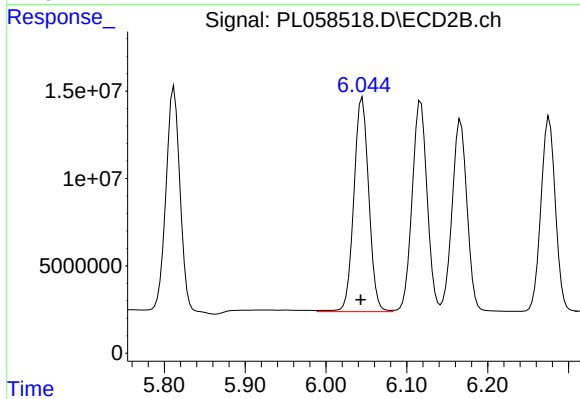
#9 Endosulfan I

R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 141358269
Conc: 45.70 ng/ml



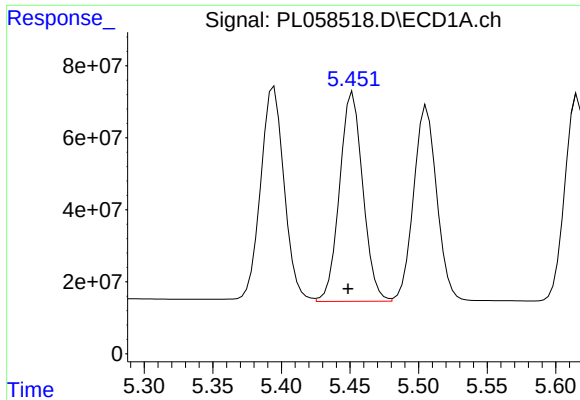
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: 0.004 min
Response: 730660003
Conc: 47.45 ng/ml



#10 gamma-Chlordane

R.T.: 6.045 min
Delta R.T.: 0.002 min
Response: 157552476
Conc: 46.67 ng/ml



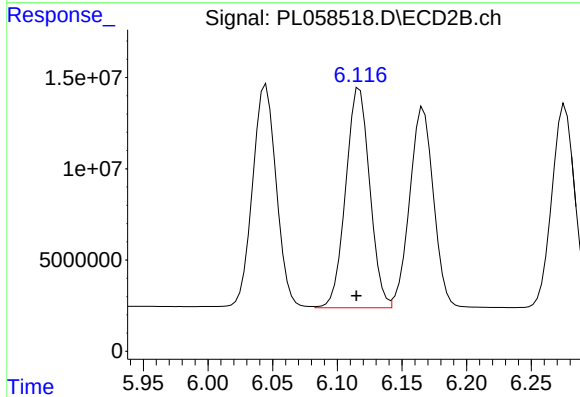
#11 alpha-Chlordane

R.T.: 5.452 min
Delta R.T.: 0.004 min
Response: 686985187
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

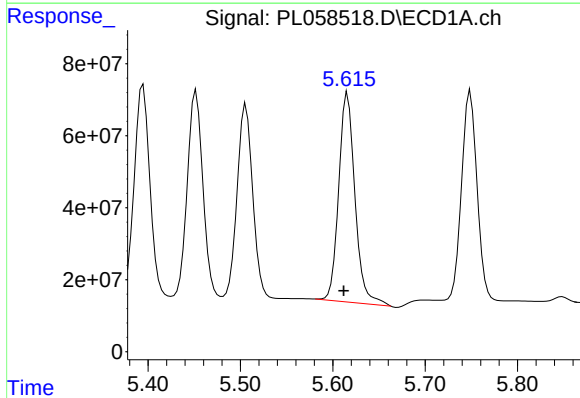
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



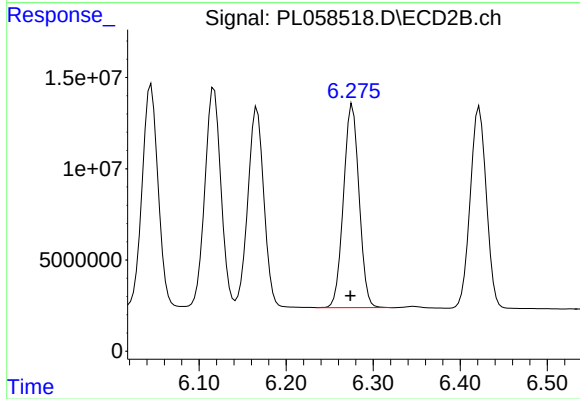
#11 alpha-Chlordane

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 155657739
Conc: 45.77 ng/ml



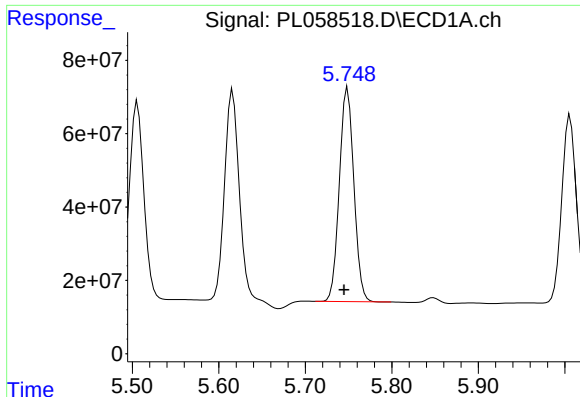
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: 0.004 min
Response: 709028452
Conc: 46.89 ng/ml



#12 4,4'-DDE

R.T.: 6.276 min
Delta R.T.: 0.002 min
Response: 138428523
Conc: 45.38 ng/ml



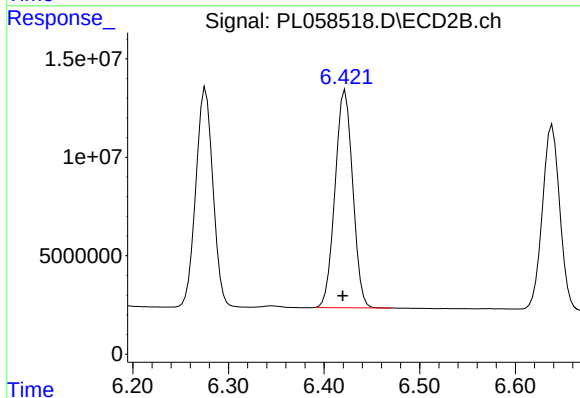
#13 Dieldrin

R.T.: 5.749 min
Delta R.T.: 0.004 min
Response: 675944506
Conc: 45.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

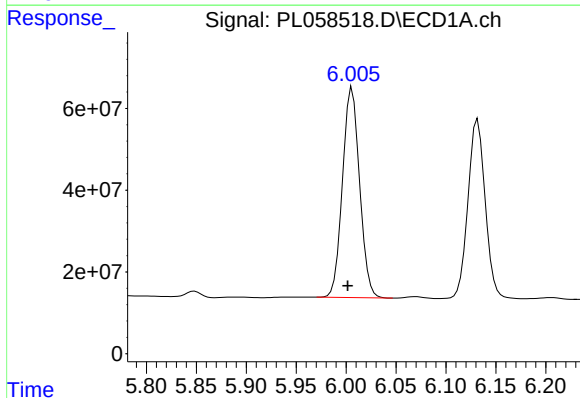
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



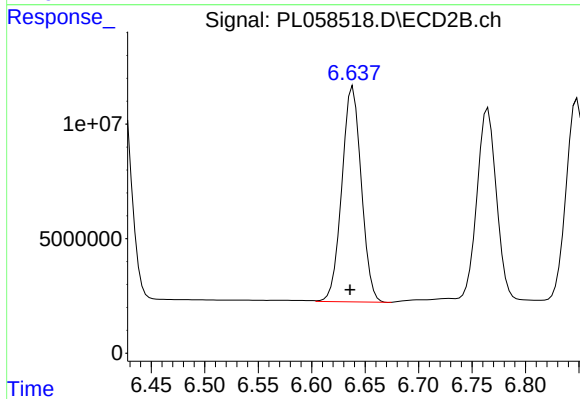
#13 Dieldrin

R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 141996745
Conc: 45.37 ng/ml



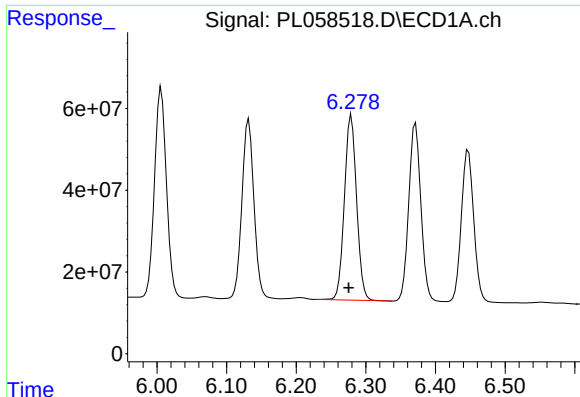
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.004 min
Response: 612071687
Conc: 45.03 ng/ml



#14 Endrin

R.T.: 6.639 min
Delta R.T.: 0.003 min
Response: 118953459
Conc: 46.27 ng/ml



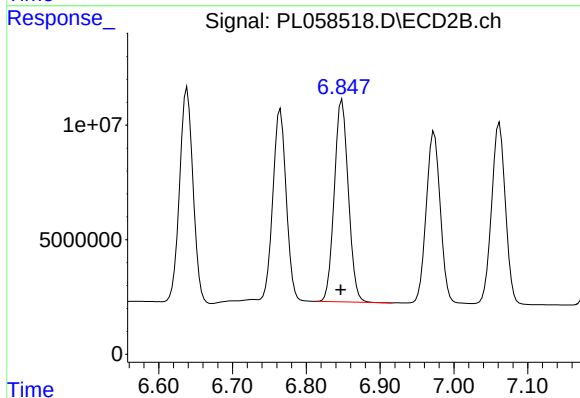
#15 Endosulfan II

R.T.: 6.279 min
Delta R.T.: 0.004 min
Response: 551521746
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

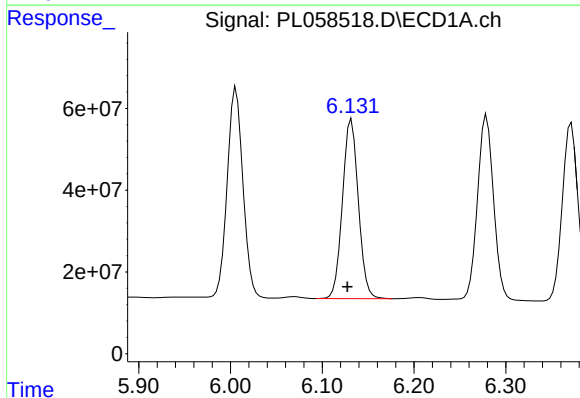
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



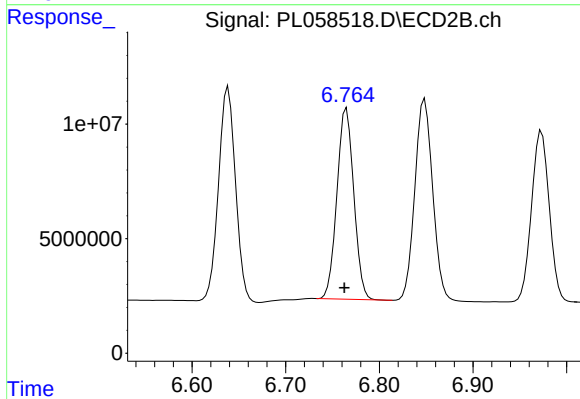
#15 Endosulfan II

R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 116759621
Conc: 43.82 ng/ml



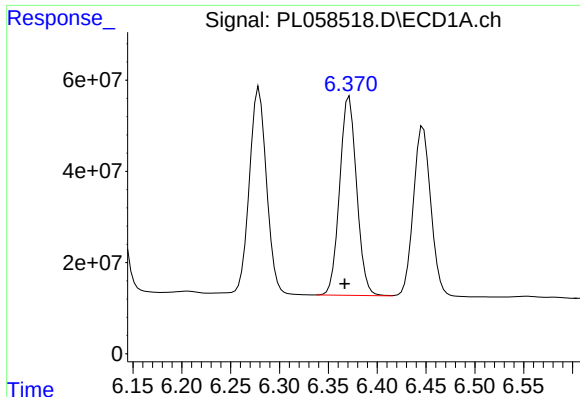
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: 0.004 min
Response: 526696810
Conc: 44.91 ng/ml



#16 4,4'-DDD

R.T.: 6.765 min
Delta R.T.: 0.002 min
Response: 104465869
Conc: 45.96 ng/ml



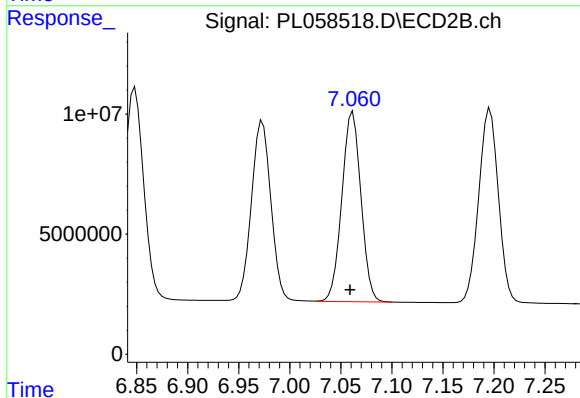
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.005 min
Response: 528692032
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

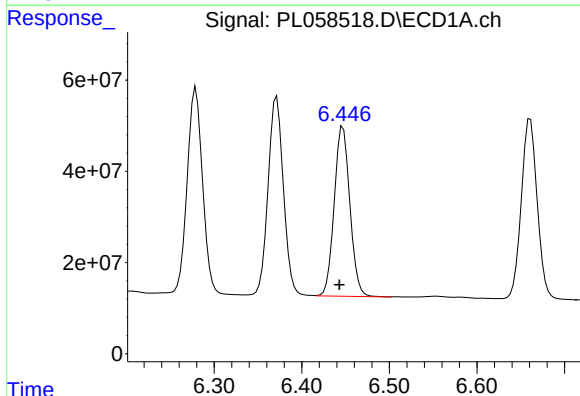
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



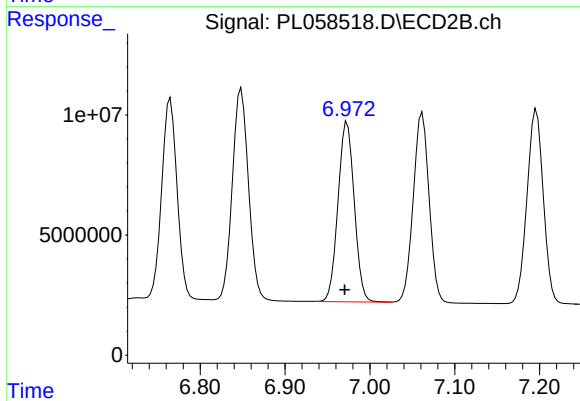
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.003 min
Response: 102791505
Conc: 46.94 ng/ml



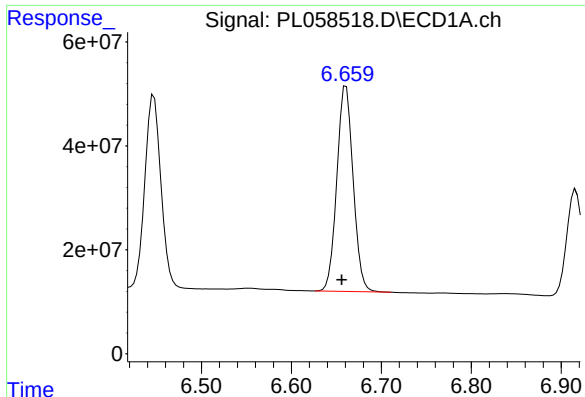
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: 0.004 min
Response: 463529690
Conc: 43.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.973 min
Delta R.T.: 0.003 min
Response: 99678834
Conc: 45.72 ng/ml



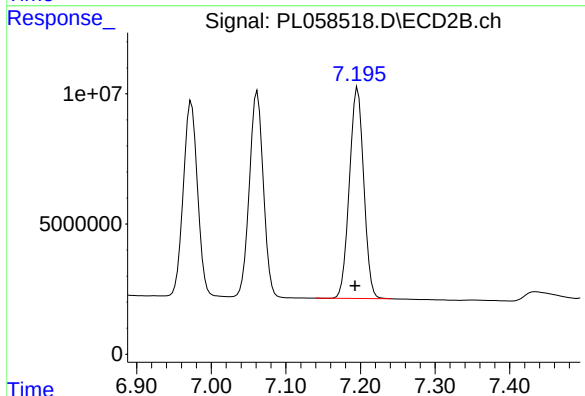
#19 Endosulfan Sulfate

R.T.: 6.661 min
Delta R.T.: 0.005 min
Response: 497481988
Conc: 42.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

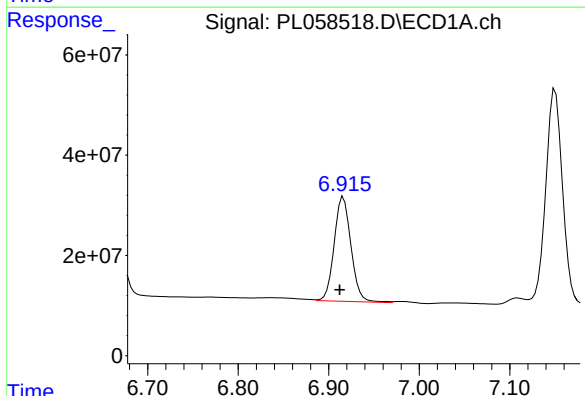
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



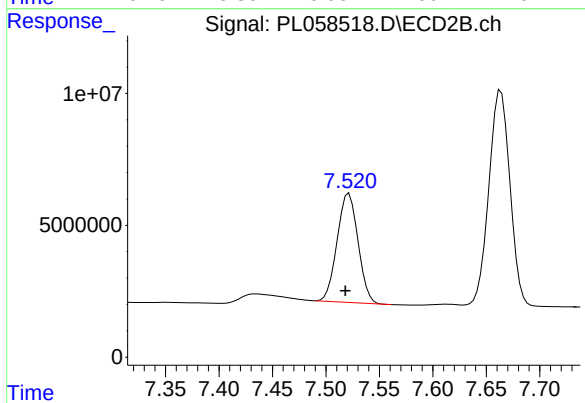
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.003 min
Response: 108065584
Conc: 45.70 ng/ml



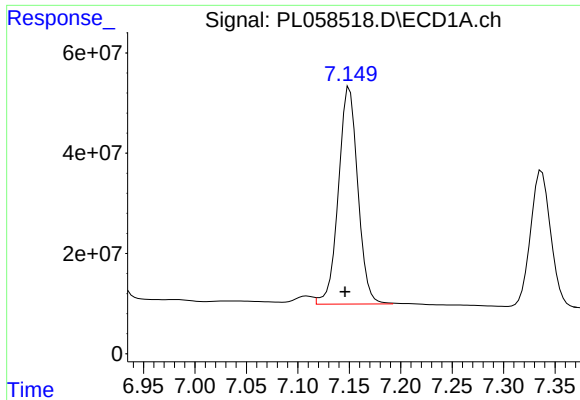
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 268556017
Conc: 45.20 ng/ml



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.003 min
Response: 56094579
Conc: 45.26 ng/ml



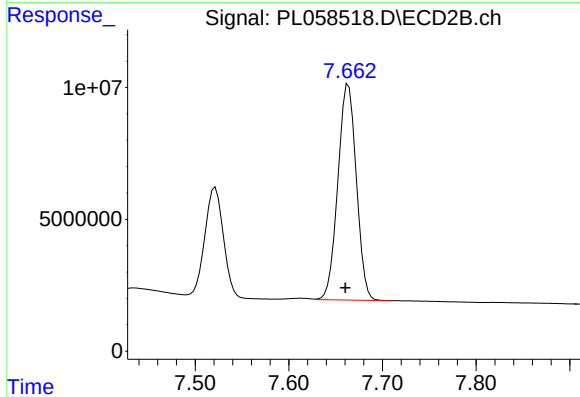
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: 0.003 min
Response: 567876599
Conc: 47.93 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

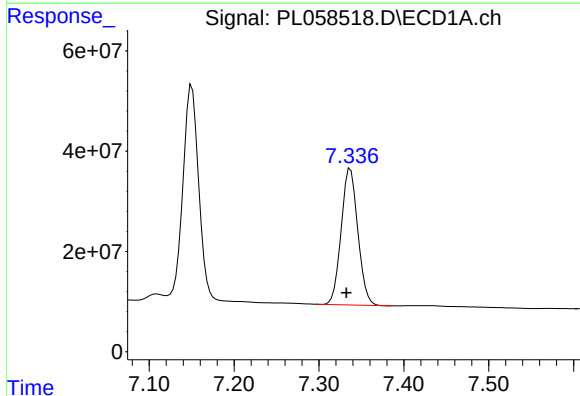
Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



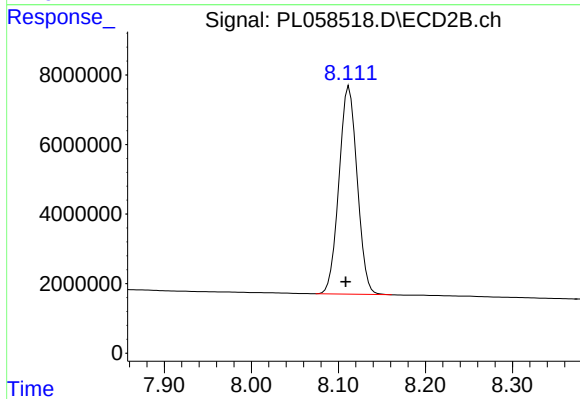
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.003 min
Response: 112352772
Conc: 46.09 ng/ml



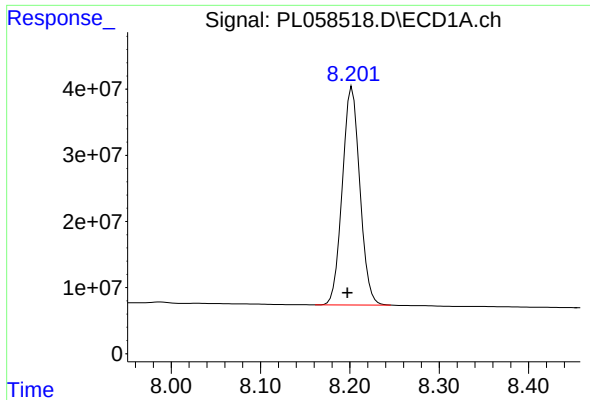
#22 Mirex

R.T.: 7.337 min
Delta R.T.: 0.005 min
Response: 370442976
Conc: 41.87 ng/ml



#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.004 min
Response: 86770429
Conc: 45.44 ng/ml



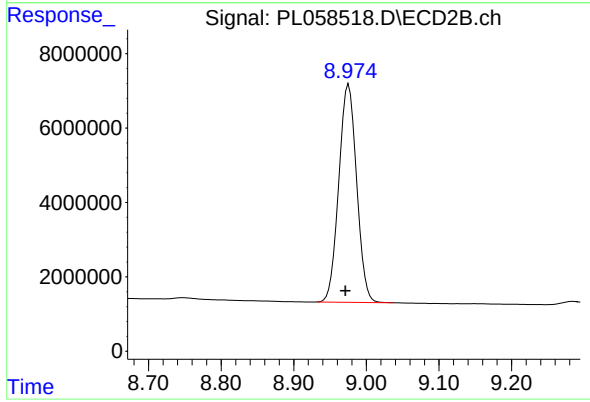
#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.005 min
Response: 449251758
Conc: 41.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
5/5/2020 12:58:54 PM



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: 0.004 min
Response: 100079913
Conc: 45.10 ng/ml