

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
 Data File : PL056044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2020 17:57
 Operator : AJ\MA
 Sample : L1007-10MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JC-03-012320-AMS

Manual Integrations
 APPROVED

mohammad
 1/27/2020 2:09:53 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:22:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 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...	3.489	3.967	202.9E6	65165428	21.175	23.057
28)	SA Decachlor...	8.234	8.953	197.8E6	48223631	18.922	21.049
Target Compounds							
2)	A alpha-BHC	3.925	4.350	847.2E6	241.5E6	51.057m	56.952
3)	MA gamma-BHC...	4.210	4.628	804.7E6	224.0E6	53.040	56.475m
4)	MA Heptachlor	4.511	5.129	769.4E6	189.0E6	51.528	55.899
5)	MB Aldrin	4.759	5.430	764.6E6	187.7E6	52.243	54.767
6)	B beta-BHC	4.459	4.798	326.0E6	94931348	50.797	59.820
7)	B delta-BHC	4.664	5.010	715.9E6	157.3E6	48.842	52.648m
8)	B Heptachlo...	5.201	5.810	744.5E6	158.2E6	53.970	52.940
9)	A Endosulfan I	5.540	6.163	684.4E6	161.7E6	52.751	55.537
10)	B gamma-Chl...	5.427	6.041	773.7E6	172.1E6	55.146	55.797
11)	B alpha-Chl...	5.486	6.112	731.7E6	171.4E6	52.927	55.508
12)	B 4,4'-DDE	5.648	6.268	712.6E6	163.9E6	54.557	55.963
13)	MA Dieldrin	5.782	6.417	751.1E6	168.6E6	54.297	55.776
14)	MA Endrin	6.040	6.632	640.5E6	134.3E6	50.700	52.988
15)	B Endosulfa...	6.312	6.839	604.1E6	144.4E6	54.093	53.834
16)	A 4,4'-DDD	6.163	6.753	557.7E6	133.5E6	56.013	57.923
17)	MA 4,4'-DDT	6.402	7.048	524.5E6	120.2E6	51.826	53.258
18)	B Endrin al...	6.478	6.963	504.0E6	120.2E6	48.498m	53.265
19)	B Endosulfa...	6.692	7.184	557.0E6	130.2E6	51.506	52.599
20)	A Methoxychlor	6.946	7.502	261.3E6	61297644	50.081	51.372
21)	B Endrin ke...	7.182	7.650	634.1E6	147.3E6	50.367	55.774
22)	Mirex	7.372	8.099	411.6E6	95231271	58.607	52.191

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
Data File : PL056044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2020 17:57
Operator : AJ\MA
Sample : L1007-10MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

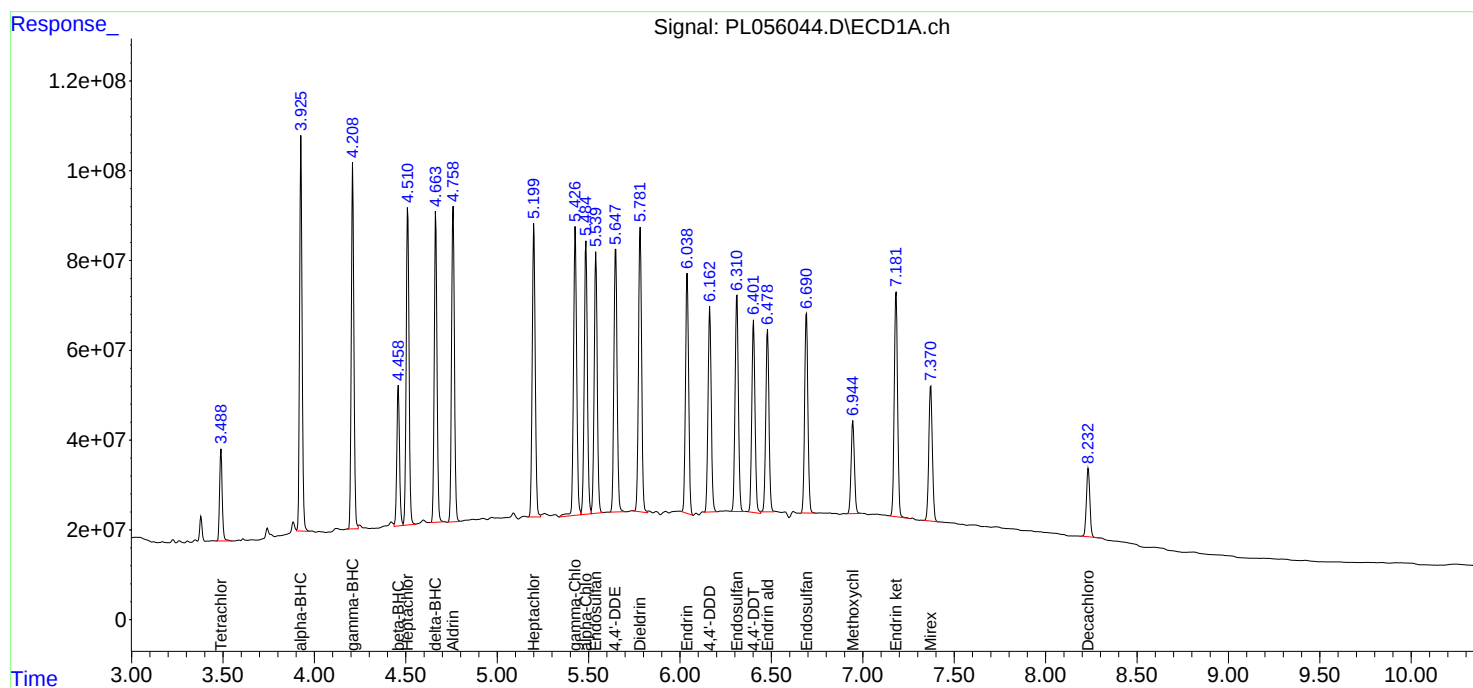
Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

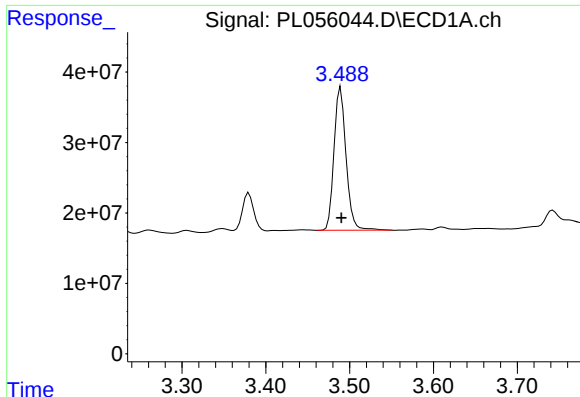
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:22:04 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 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





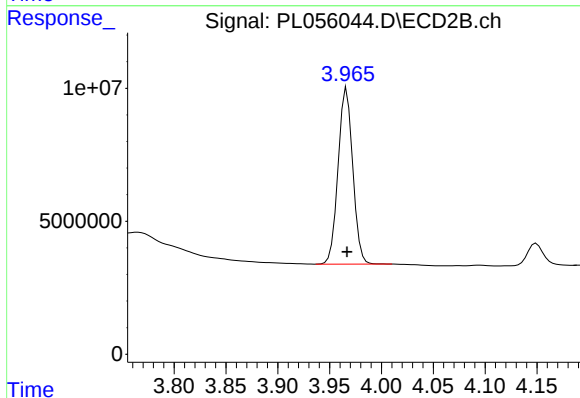
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.000 min
Response: 202948296
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

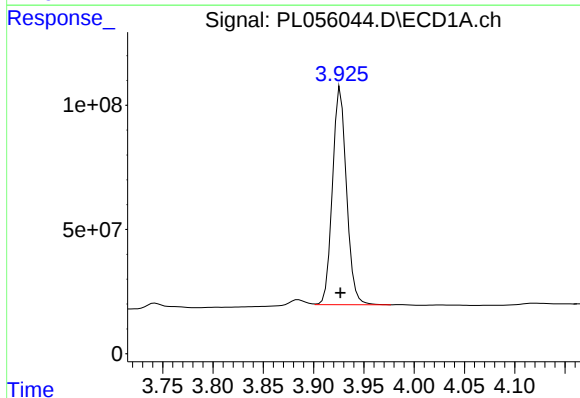
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



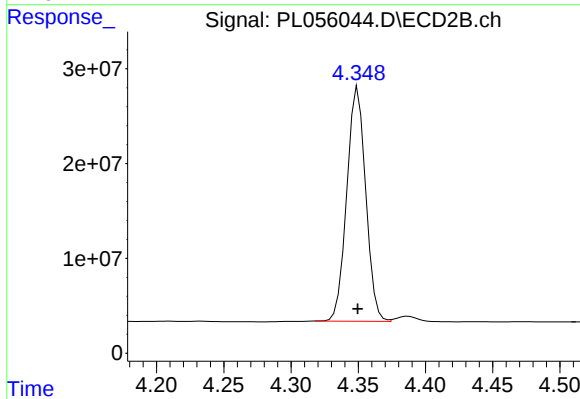
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 65165428
Conc: 23.06 ng/ml



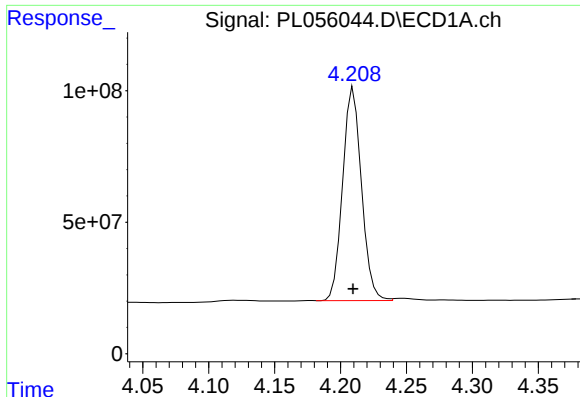
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: -0.001 min
Response: 847212026
Conc: 51.06 ng/ml m



#2 alpha-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 241524933
Conc: 56.95 ng/ml



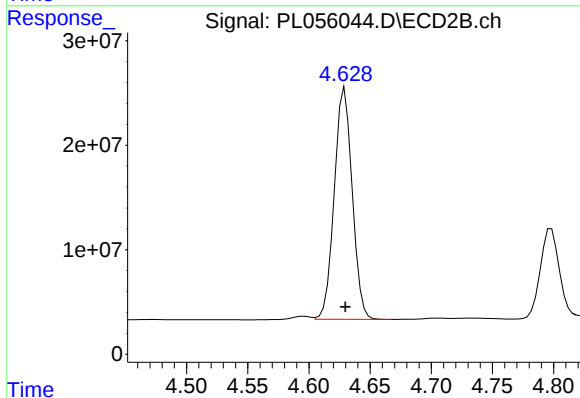
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 804668133
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

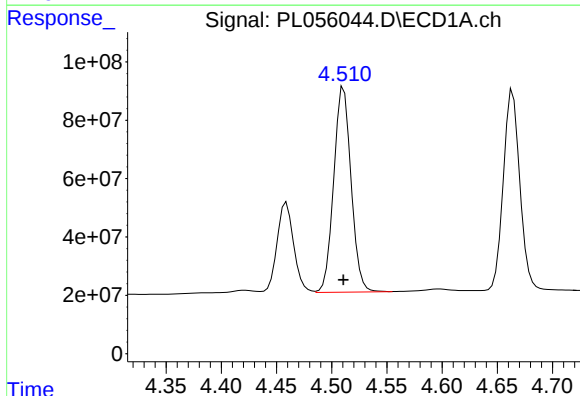
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



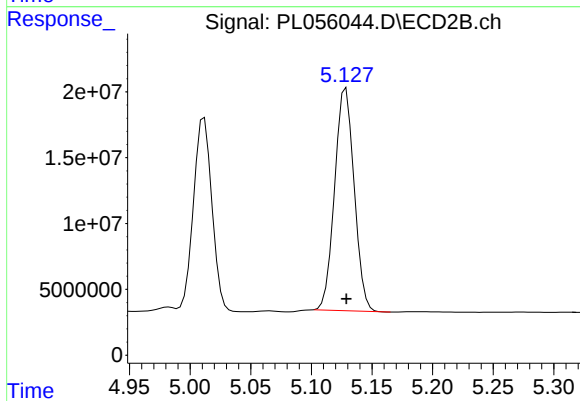
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 224025568
Conc: 56.47 ng/ml m



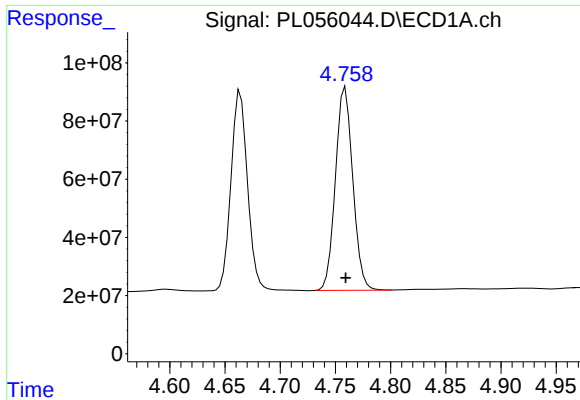
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 769441878
Conc: 51.53 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 189014444
Conc: 55.90 ng/ml



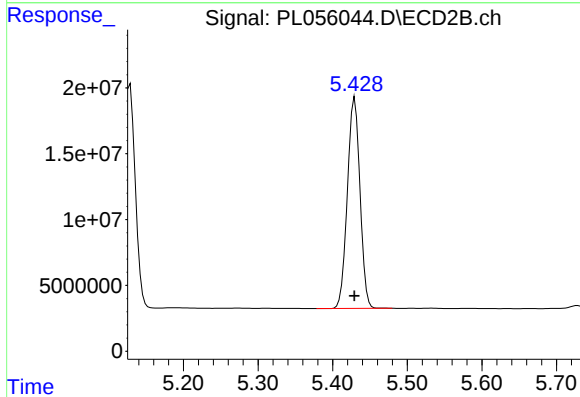
#5 Aldrin

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 764620631
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

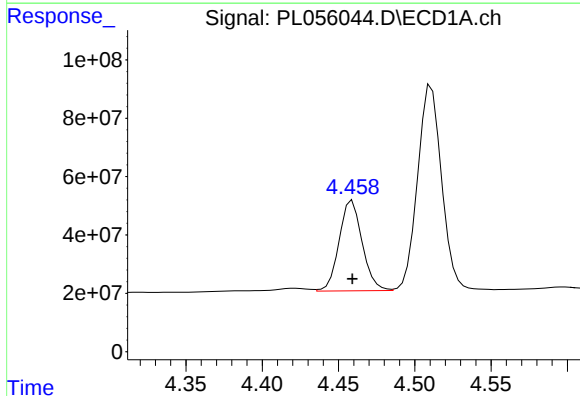
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



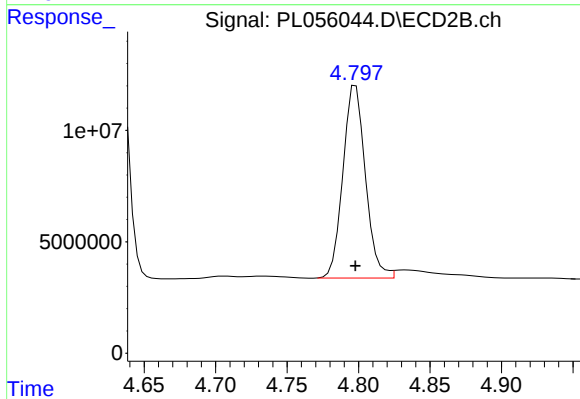
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 187736027
Conc: 54.77 ng/ml



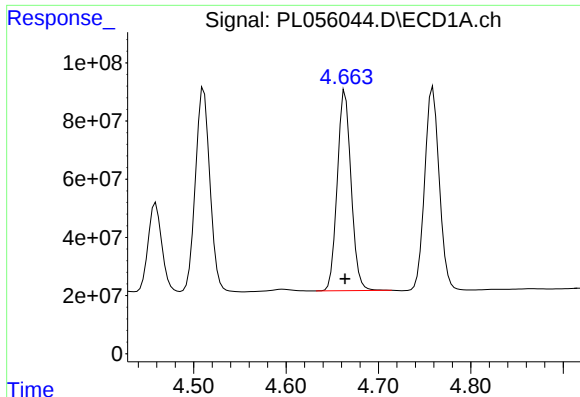
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 325984197
Conc: 50.80 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 94931348
Conc: 59.82 ng/ml



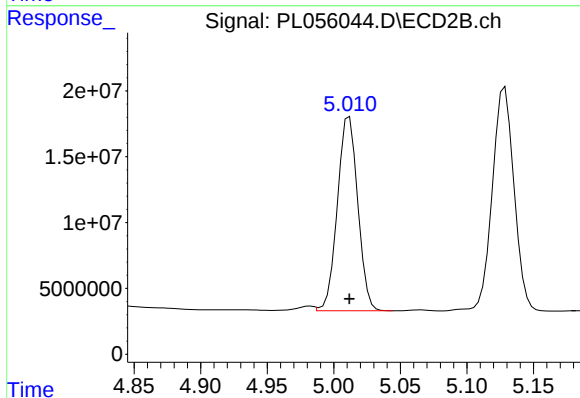
#7 delta-BHC

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 715884155
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

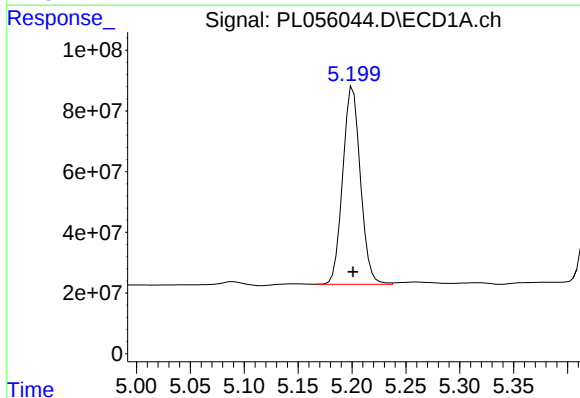
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



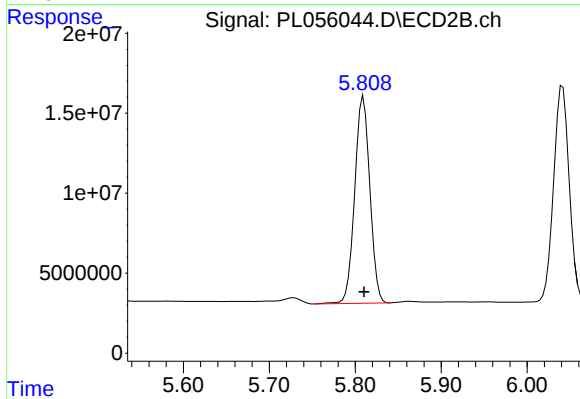
#7 delta-BHC

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 157305221
Conc: 52.65 ng/ml m



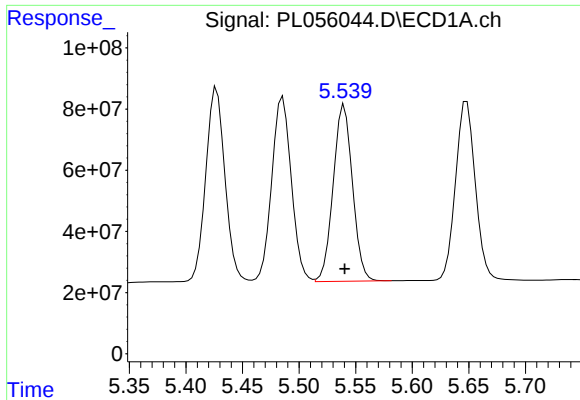
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 744457020
Conc: 53.97 ng/ml



#8 Heptachlor epoxide

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 158189727
Conc: 52.94 ng/ml



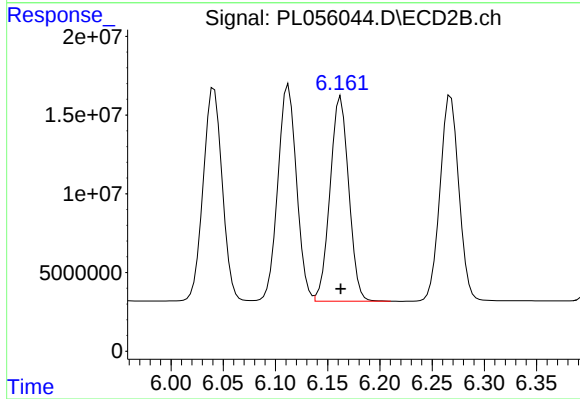
#9 Endosulfan I

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 684434745
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

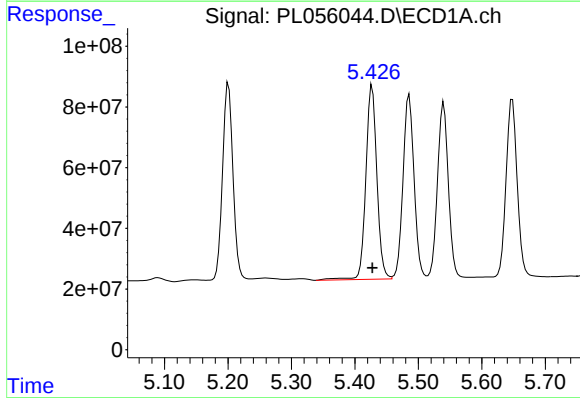
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



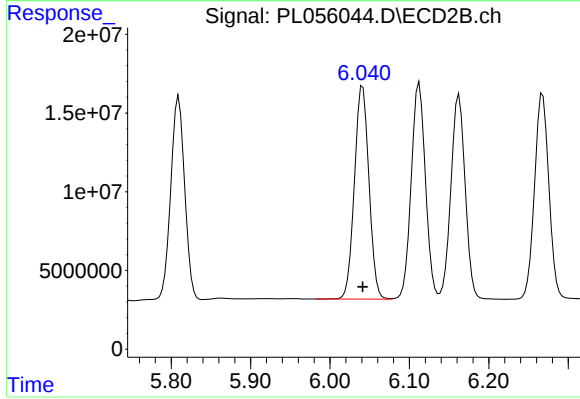
#9 Endosulfan I

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 161710794
Conc: 55.54 ng/ml



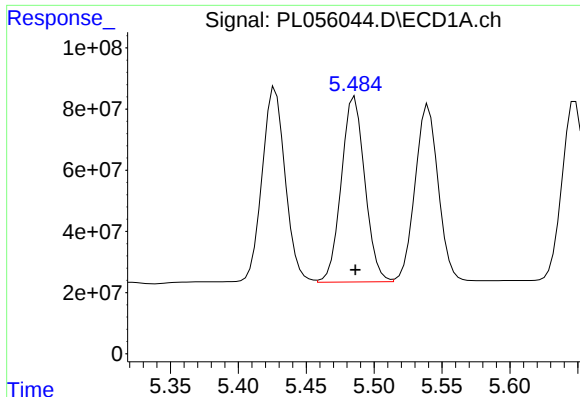
#10 gamma-Chlordane

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 773666086
Conc: 55.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 172065847
Conc: 55.80 ng/ml



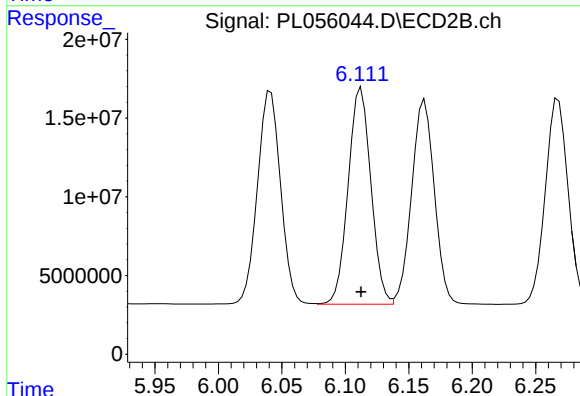
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 731690368
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

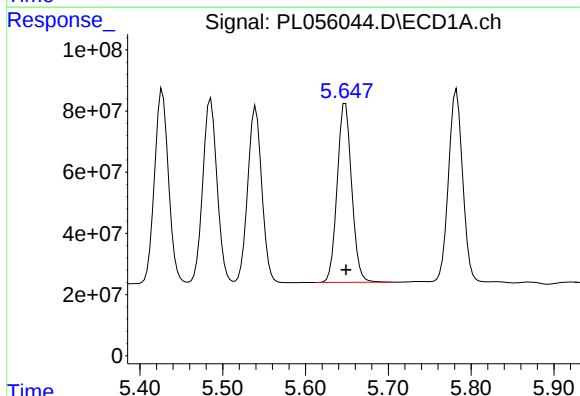
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



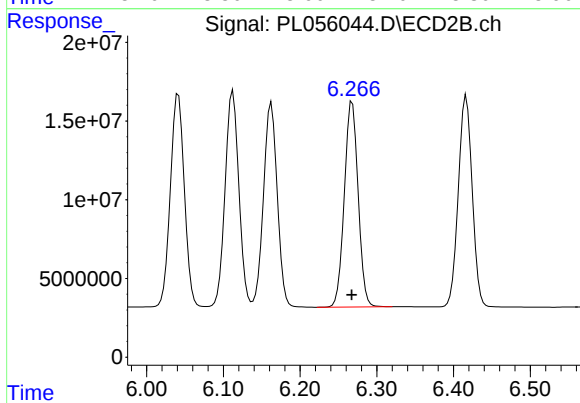
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 171385393
Conc: 55.51 ng/ml



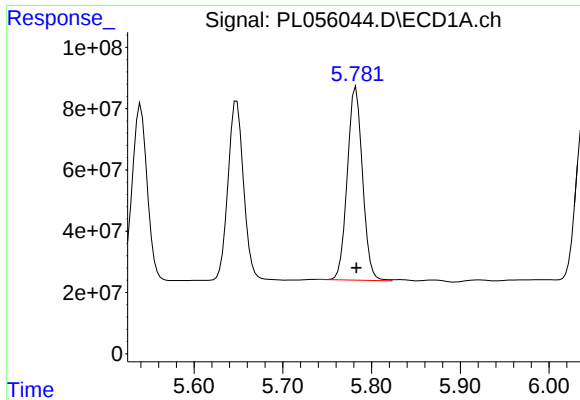
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 712590807
Conc: 54.56 ng/ml



#12 4,4'-DDE

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 163888239
Conc: 55.96 ng/ml



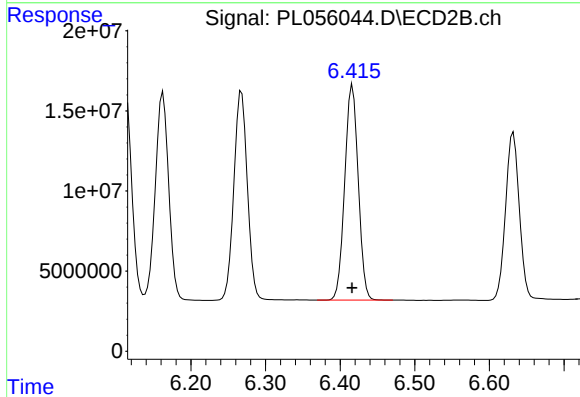
#13 Dieldrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 751053307
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

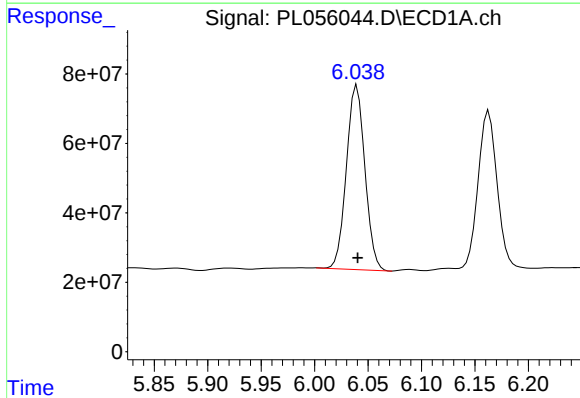
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



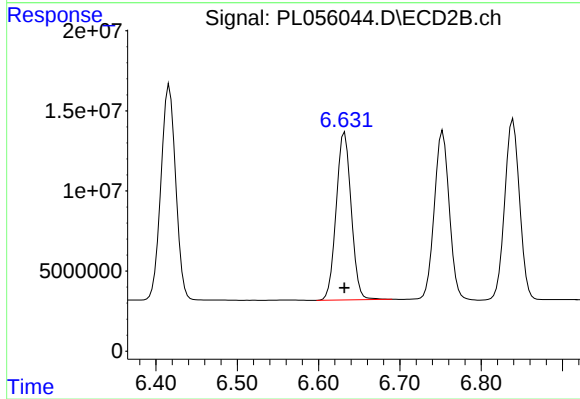
#13 Dieldrin

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 168562083
Conc: 55.78 ng/ml



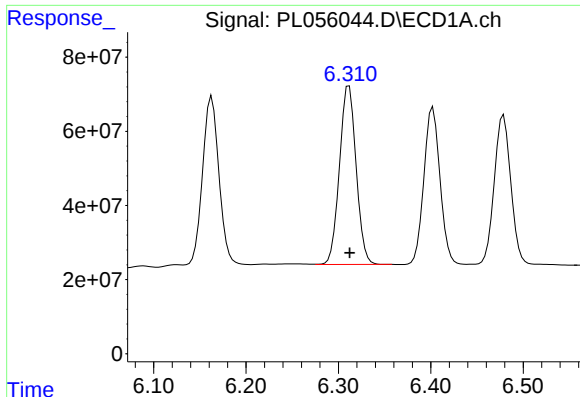
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 640523585
Conc: 50.70 ng/ml



#14 Endrin

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 134256587
Conc: 52.99 ng/ml



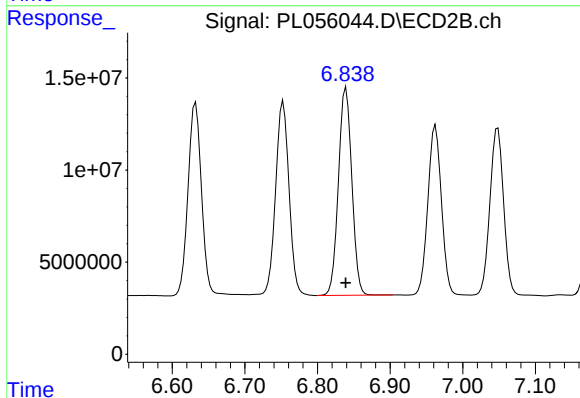
#15 Endosulfan II

R.T.: 6.312 min
Delta R.T.: 0.000 min
Response: 604078236
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

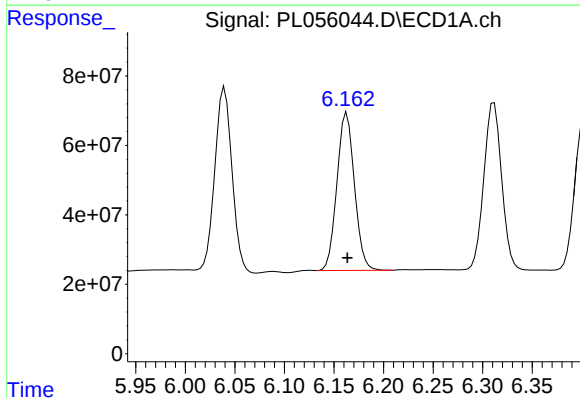
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



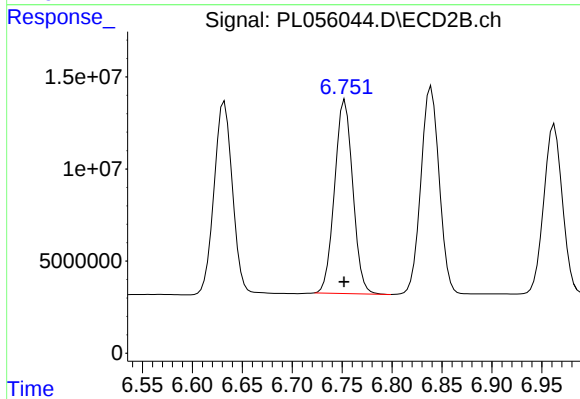
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 144372727
Conc: 53.83 ng/ml



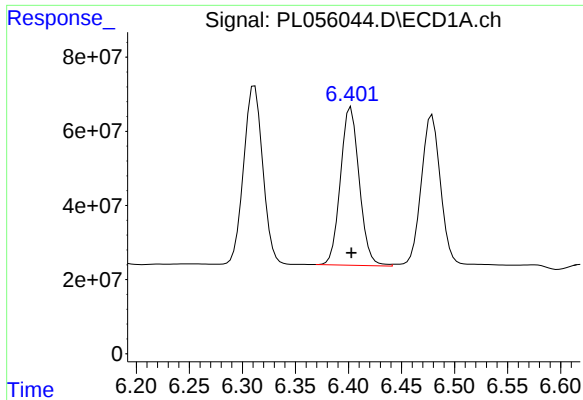
#16 4,4'-DDD

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 557749451
Conc: 56.01 ng/ml



#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 133532776
Conc: 57.92 ng/ml



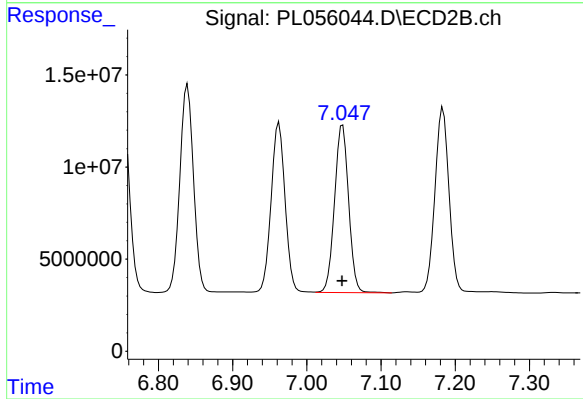
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 524524501
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

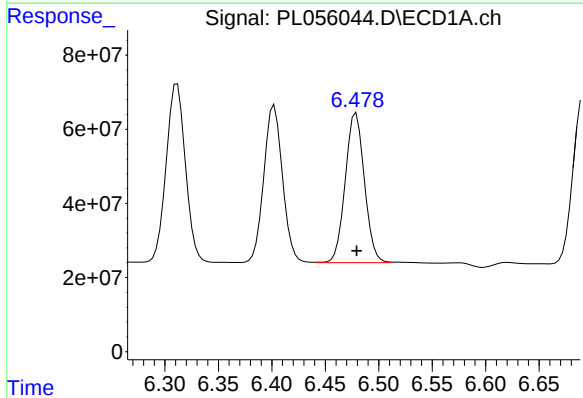
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



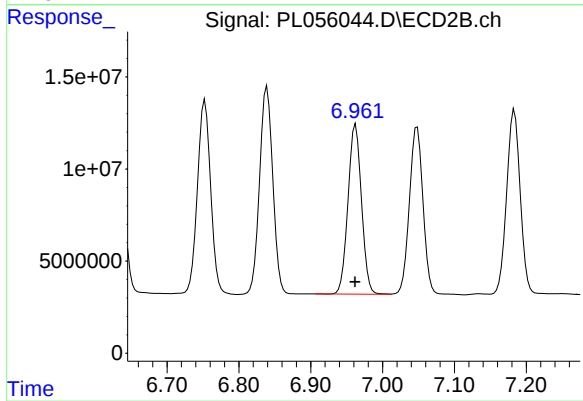
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 120244762
Conc: 53.26 ng/ml



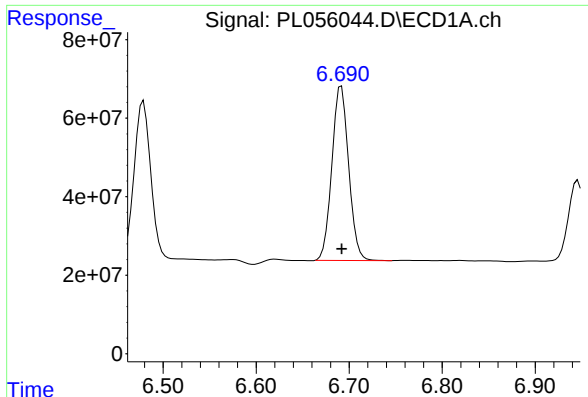
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 504026855
Conc: 48.50 ng/ml m



#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 120243211
Conc: 53.26 ng/ml



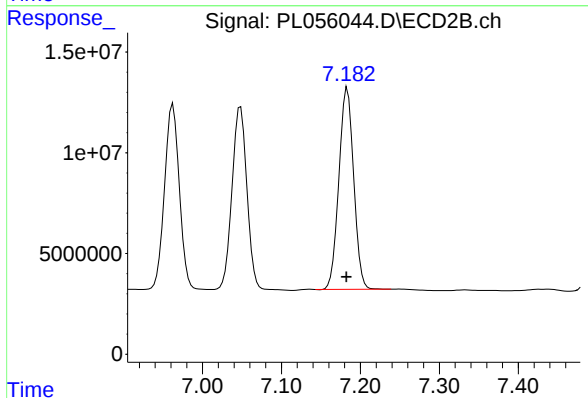
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 557034100
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

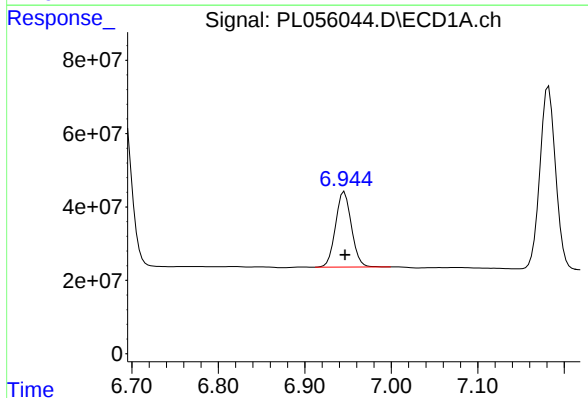
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



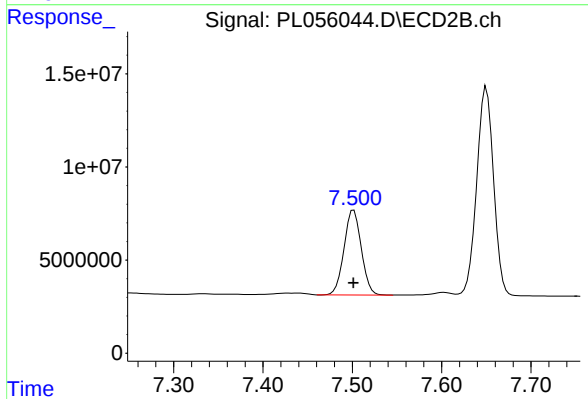
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.001 min
Response: 130214490
Conc: 52.60 ng/ml



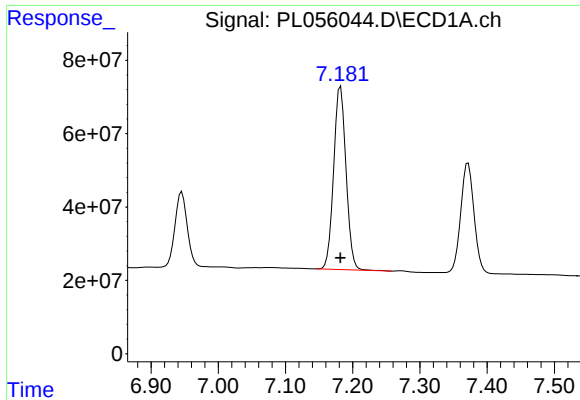
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 261344003
Conc: 50.08 ng/ml



#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 61297644
Conc: 51.37 ng/ml



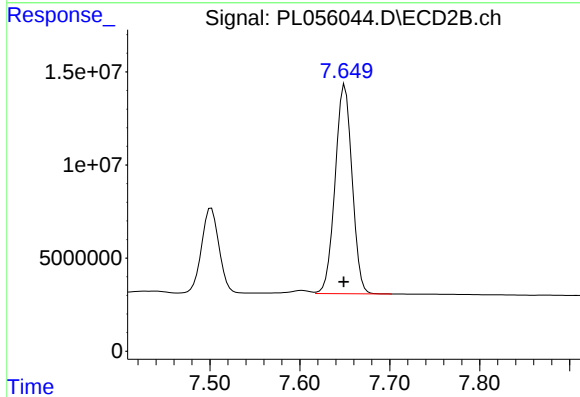
#21 Endrin ketone

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 634081214
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

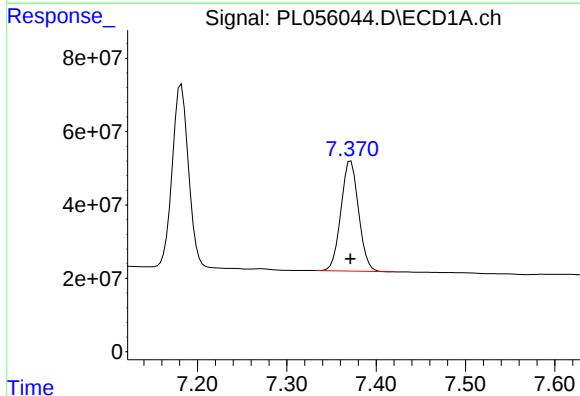
Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



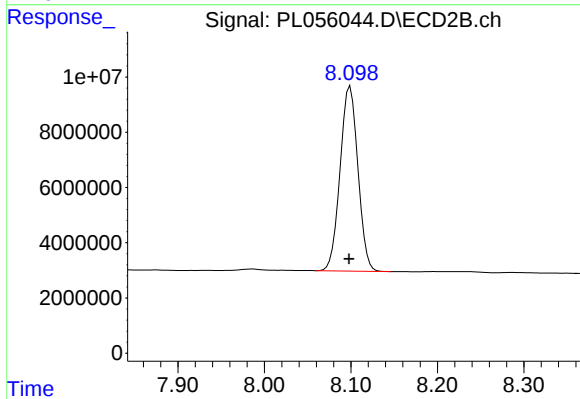
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 147279164
Conc: 55.77 ng/ml



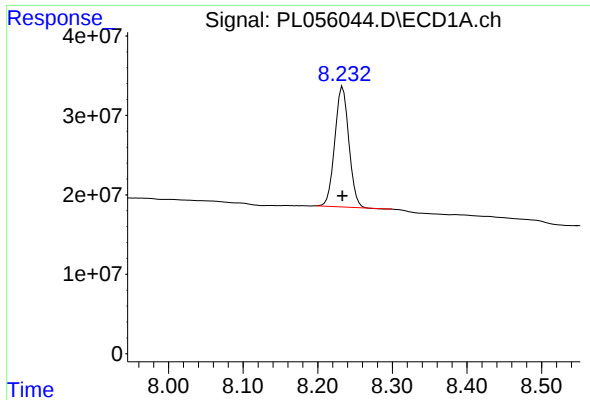
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 411616605
Conc: 58.61 ng/ml



#22 Mirex

R.T.: 8.099 min
Delta R.T.: 0.002 min
Response: 95231271
Conc: 52.19 ng/ml



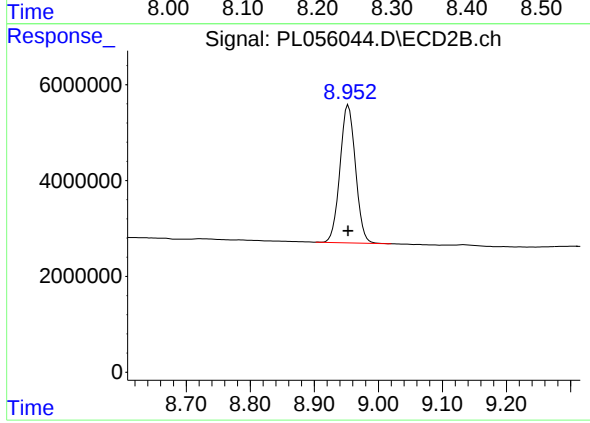
#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 197838635
Conc: 18.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-012320-AMS

Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:53 PM



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 48223631
Conc: 21.05 ng/ml