

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011320\
 Data File : PL055718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2020 18:52
 Operator : AJ\MA
 Sample : L1106-06MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CIY1-SB-01-0-52MS

Manual Integrations
 APPROVED

mohammad
 1/14/2020 12:10:56 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 08:40:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 10 00:58:33 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...	3.491	3.968	196.3E6	58389787	21.240	22.041
28)	SA Decachlor...	8.235	8.954	156.1E6	35674847	17.779	17.159
Target Compounds							
2)	A alpha-BHC	3.929	4.352	794.0E6	228.8E6	50.235	57.719
3)	MA gamma-BHC...	4.212	4.632	772.2E6	214.1E6	52.275	57.576
4)	MA Heptachlor	4.512	5.131	800.3E6	186.6E6	55.945m	58.800
5)	MB Aldrin	4.762	5.431	745.8E6	188.2E6	53.165	60.327
6)	B beta-BHC	4.459	4.800	330.7E6	77156733	54.104m	50.538
7)	B delta-BHC	4.666	5.013	720.9E6	148.5E6	50.435	48.387
8)	B Heptachlo...	5.203	5.811	697.9E6	147.0E6	52.576	50.037
9)	A Endosulfan I	5.543	6.164	556.2E6	136.4E6	45.012	51.500
10)	B gamma-Chl...	5.430	6.043	754.0E6	160.8E6	56.320	57.099
11)	B alpha-Chl...	5.488	6.114	683.7E6	156.1E6	52.072	55.548
12)	B 4,4'-DDE	5.650	6.268	694.2E6	153.9E6	55.832	57.926
13)	MA Dieldrin	5.785	6.418	711.4E6	154.5E6	54.268	56.512
14)	MA Endrin	6.042	6.633	628.0E6	123.3E6	54.378	54.698
15)	B Endosulfa...	6.316	6.844	877.6E6	212.0E6	81.352	88.226
16)	A 4,4'-DDD	6.164	6.753	504.7E6	139.0E6	53.257	67.066 #
17)	MA 4,4'-DDT	6.404	7.049	570.5E6	133.2E6	66.432	67.571
18)	B Endrin al...	6.481	6.963	459.8E6	106.9E6	48.714	52.660
19)	B Endosulfa...	6.693	7.184	561.4E6	114.9E6	57.390	51.642
20)	A Methoxychlor	6.947	7.502	340.6E6	59855492	79.335	57.177 #
21)	B Endrin ke...	7.183	7.650	545.8E6	139.2E6	48.148	58.471
22)	Mirex	7.373	8.100	354.0E6	85046768	51.704	51.872

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011320\
 Data File : PL055718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2020 18:52
 Operator : AJ\MA
 Sample : L1106-06MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

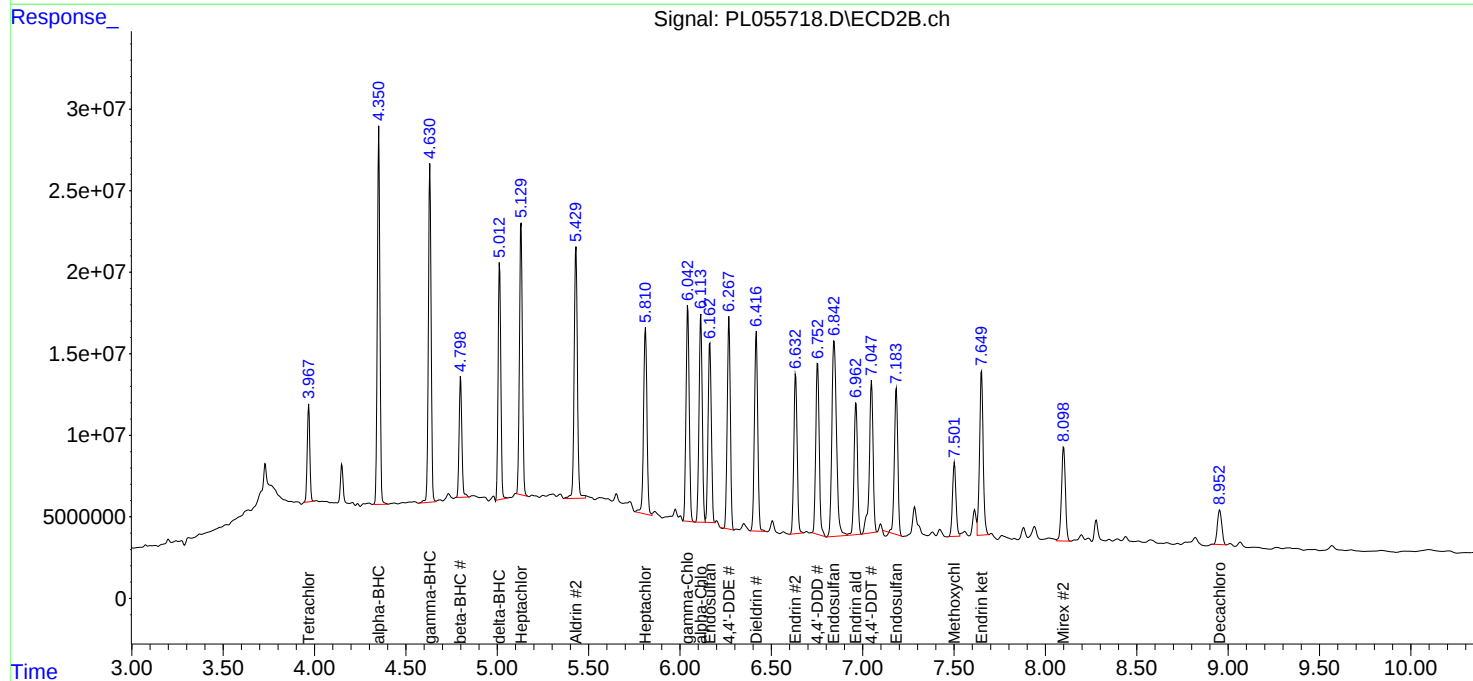
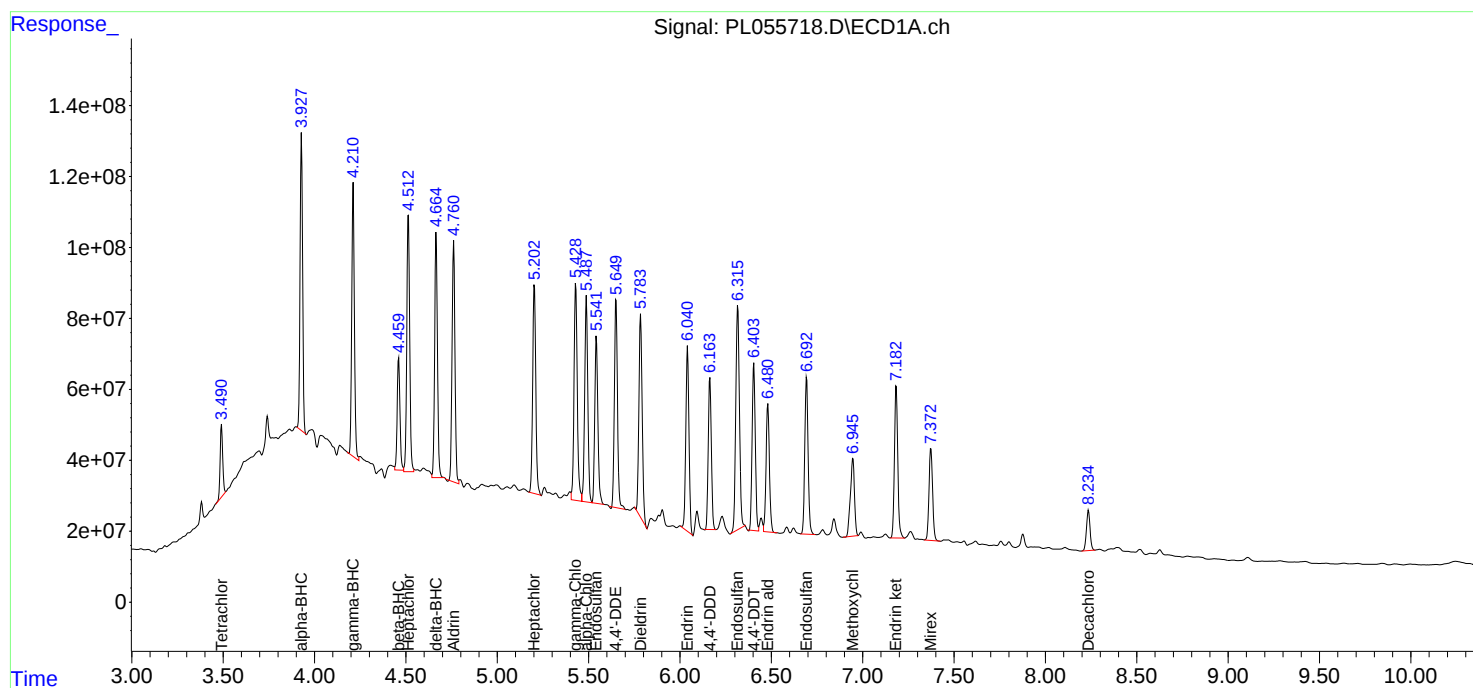
Instrument :
 ECD_L
 ClientSampleId :
 CIY1-SB-01-0-52MS

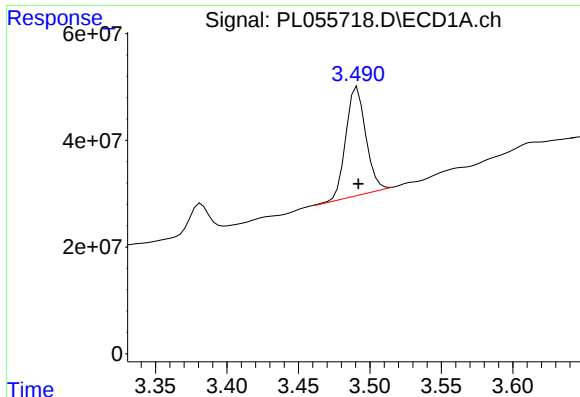
Manual Integrations
 APPROVED

mohammad
 1/14/2020 12:10:56 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 08:40:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 10 00:58:33 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





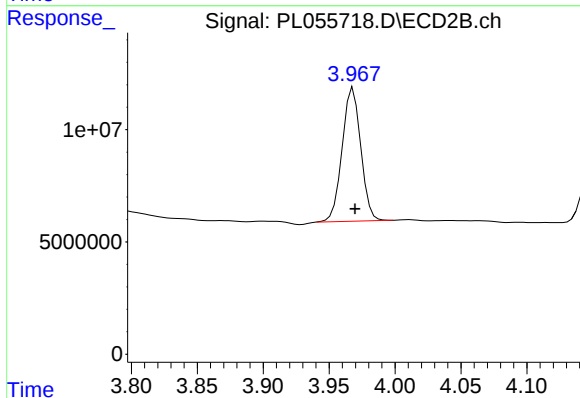
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 196273553
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

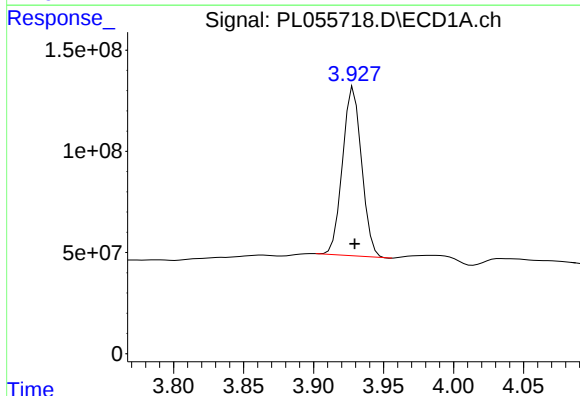
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



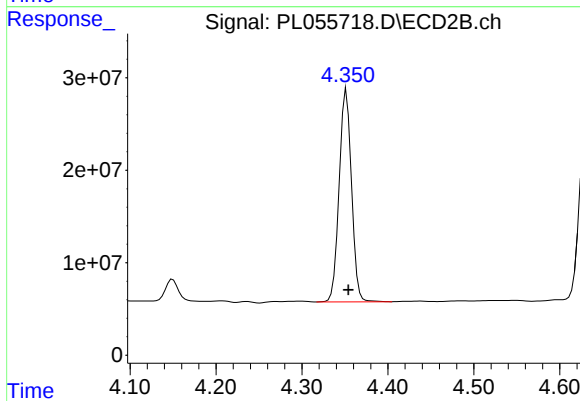
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.001 min
Response: 58389787
Conc: 22.04 ng/ml



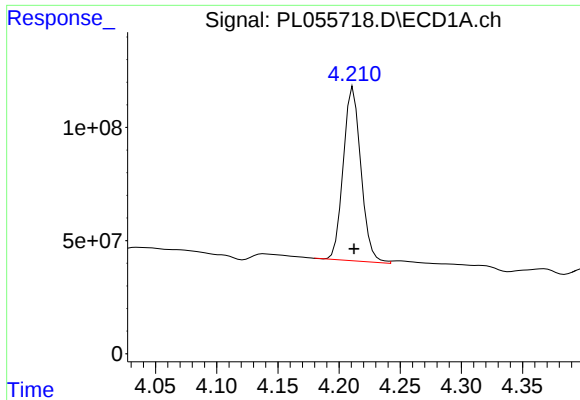
#2 alpha-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 794005701
Conc: 50.23 ng/ml



#2 alpha-BHC

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 228820238
Conc: 57.72 ng/ml



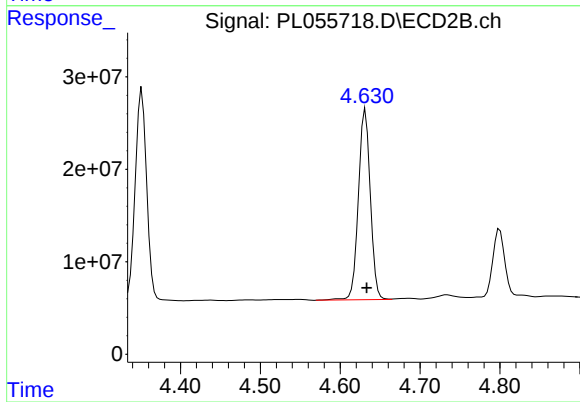
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 772188712
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

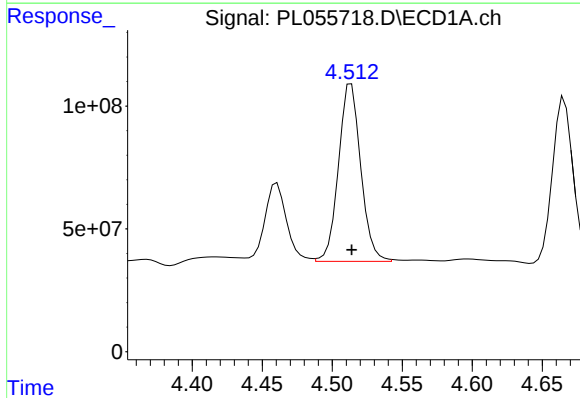
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



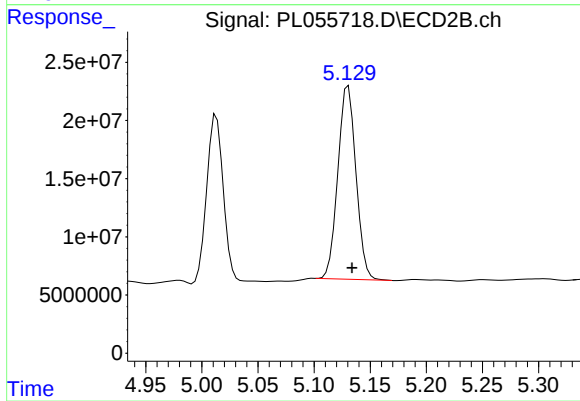
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 214056102
Conc: 57.58 ng/ml



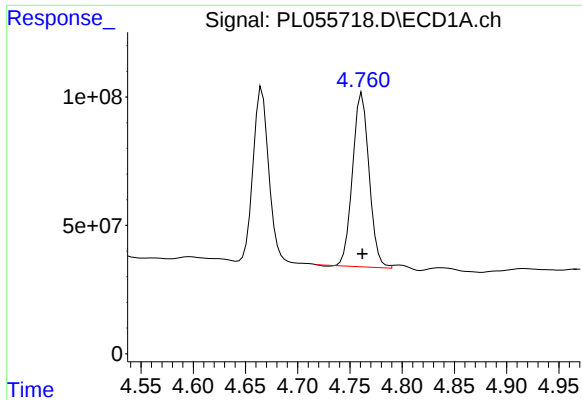
#4 Heptachlor

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 800287331
Conc: 55.95 ng/ml m



#4 Heptachlor

R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 186559434
Conc: 58.80 ng/ml



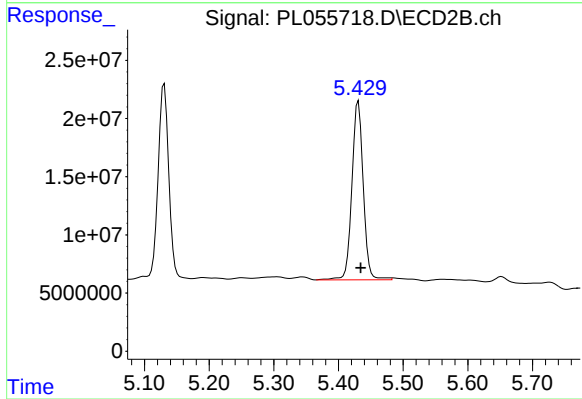
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 745840840
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

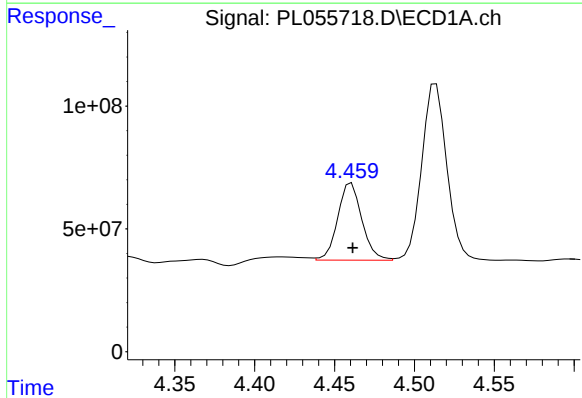
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



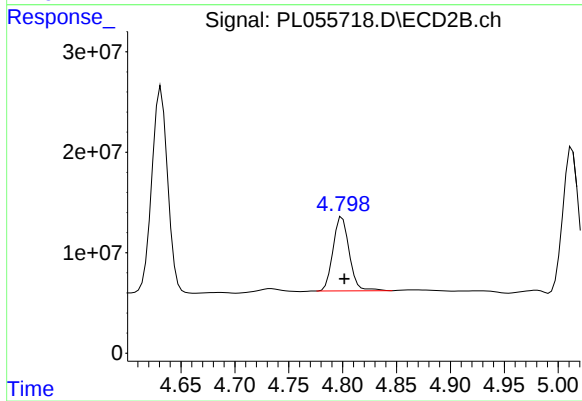
#5 Aldrin

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 188154366
Conc: 60.33 ng/ml



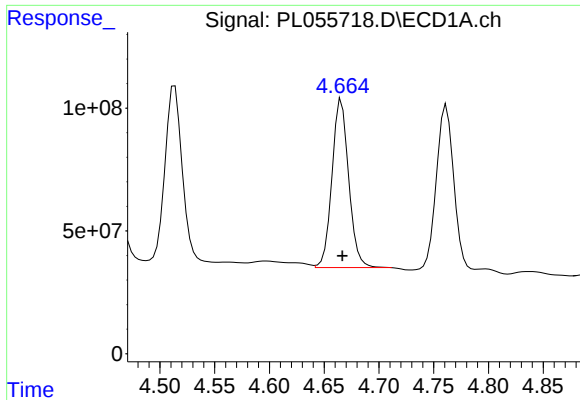
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 330657716
Conc: 54.10 ng/ml m



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 77156733
Conc: 50.54 ng/ml



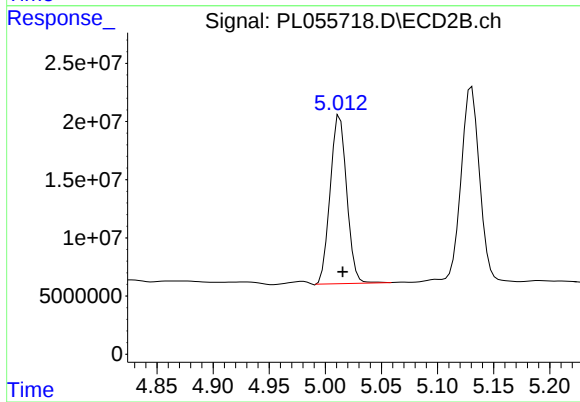
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 720910025
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

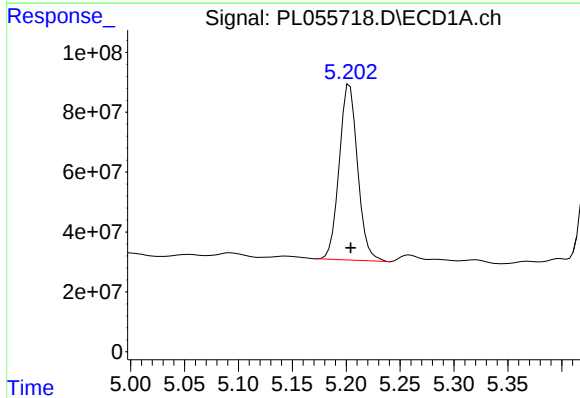
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



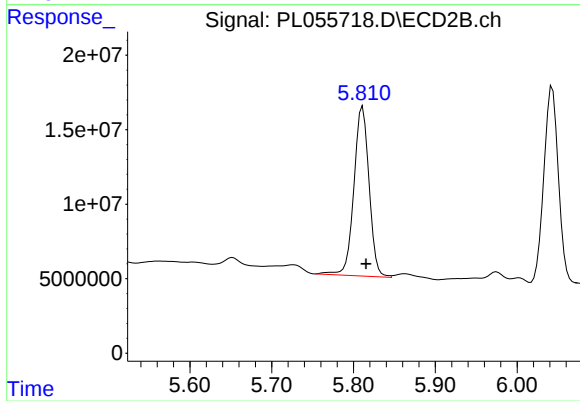
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 148518205
Conc: 48.39 ng/ml



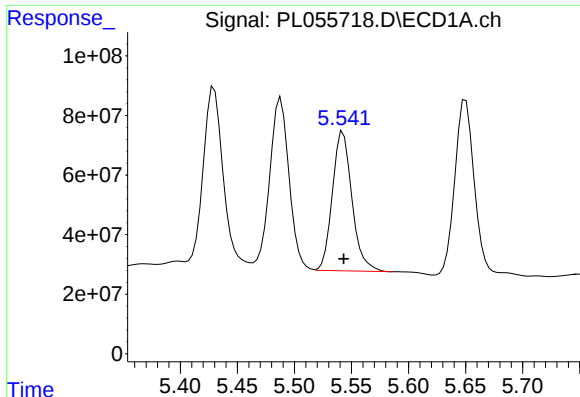
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 697891821
Conc: 52.58 ng/ml



#8 Heptachlor epoxide

R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 147023091
Conc: 50.04 ng/ml



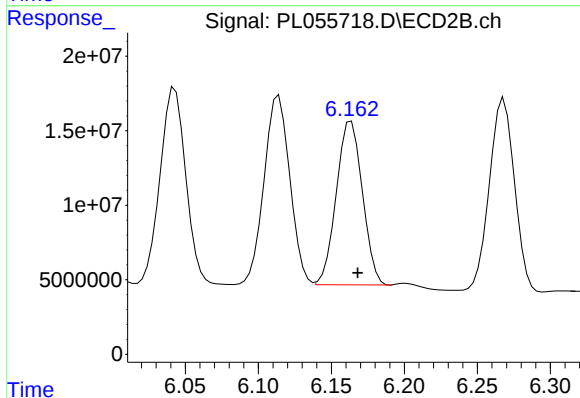
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 556154626
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

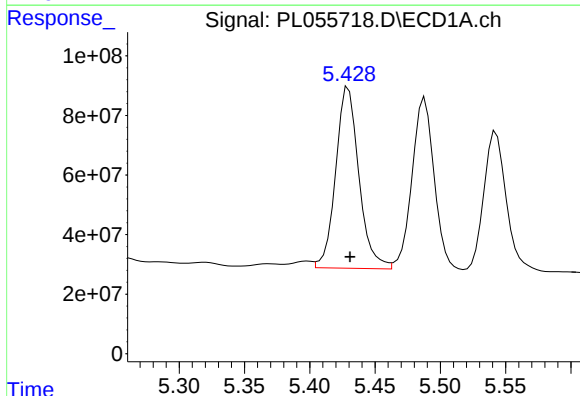
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



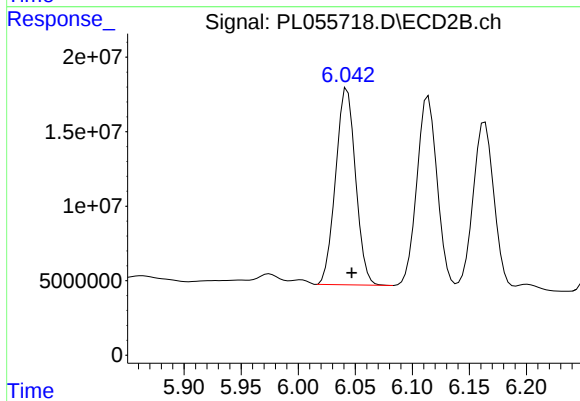
#9 Endosulfan I

R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 136355771
Conc: 51.50 ng/ml



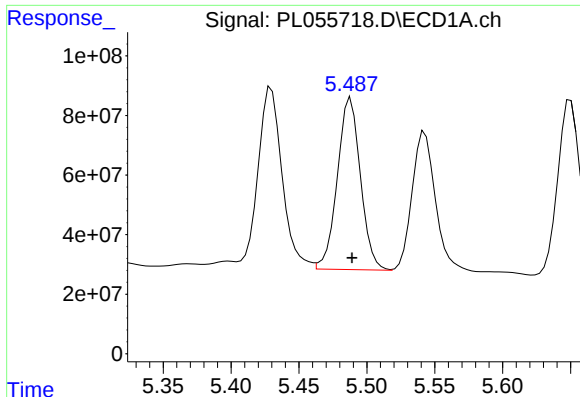
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 753996937
Conc: 56.32 ng/ml



#10 gamma-Chlordane

R.T.: 6.043 min
Delta R.T.: -0.004 min
Response: 160752885
Conc: 57.10 ng/ml



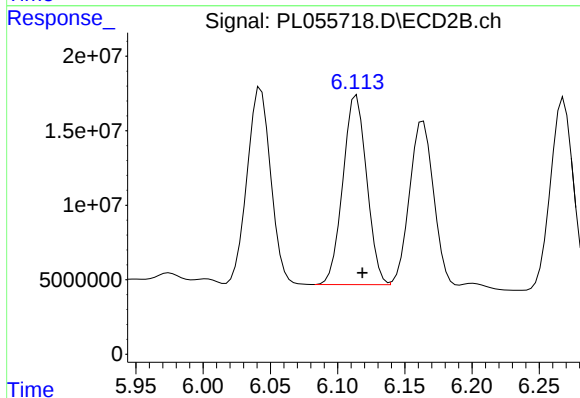
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 683714439
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

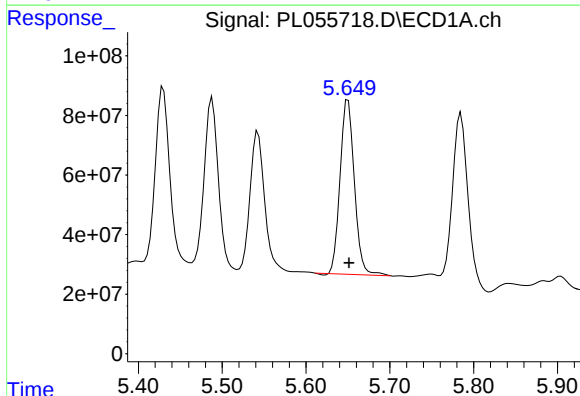
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



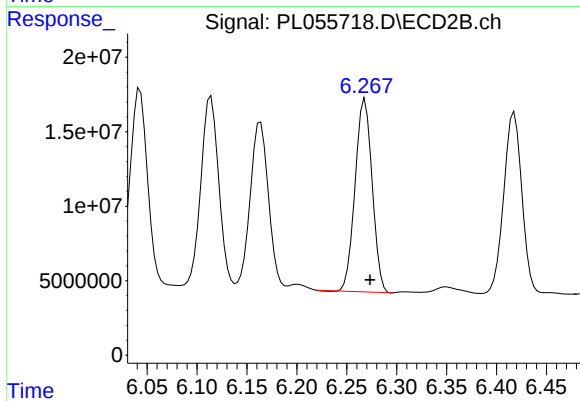
#11 alpha-Chlordane

R.T.: 6.114 min
Delta R.T.: -0.004 min
Response: 156131706
Conc: 55.55 ng/ml



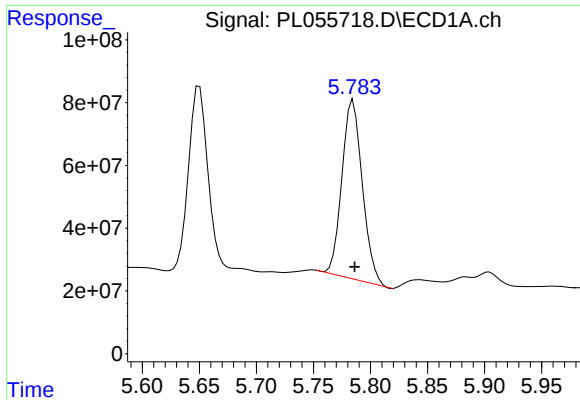
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 694226850
Conc: 55.83 ng/ml



#12 4,4'-DDE

R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 153897944
Conc: 57.93 ng/ml



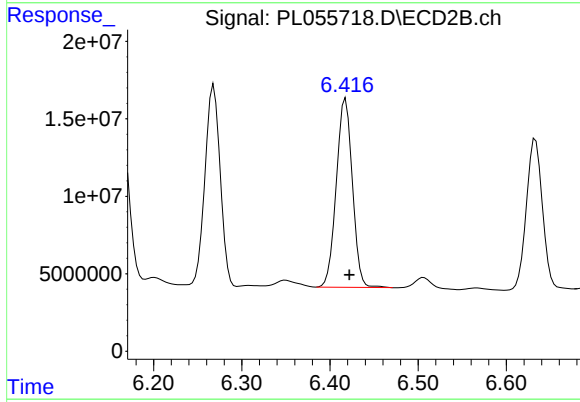
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 711371083
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

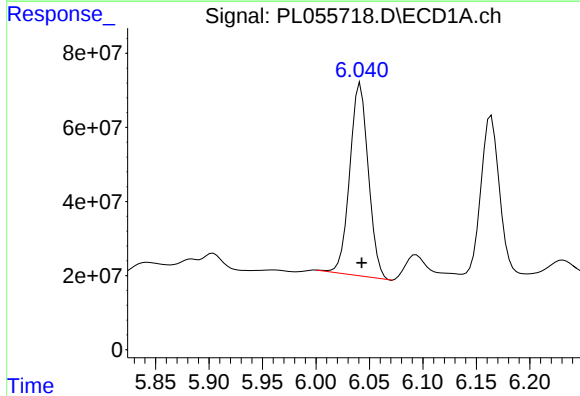
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



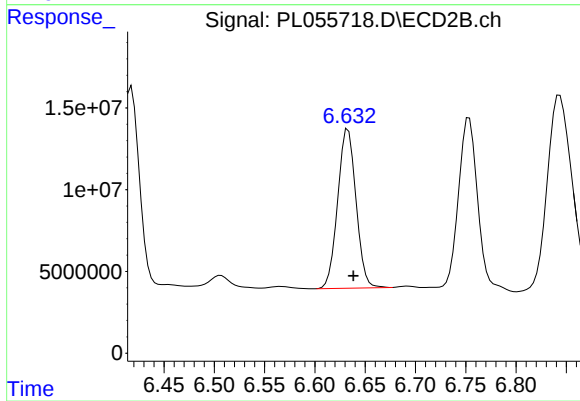
#13 Dieldrin

R.T.: 6.418 min
Delta R.T.: -0.004 min
Response: 154526158
Conc: 56.51 ng/ml



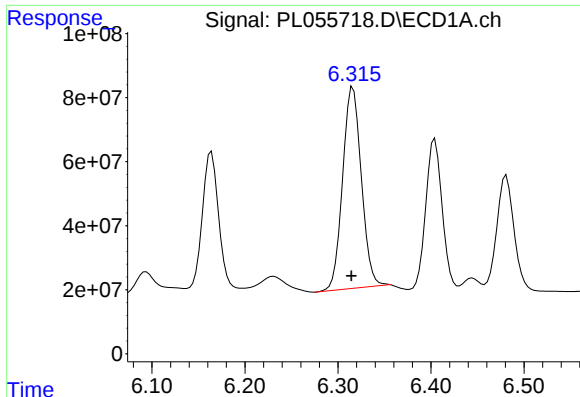
#14 Endrin

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 627955358
Conc: 54.38 ng/ml



#14 Endrin

R.T.: 6.633 min
Delta R.T.: -0.005 min
Response: 123346567
Conc: 54.70 ng/ml



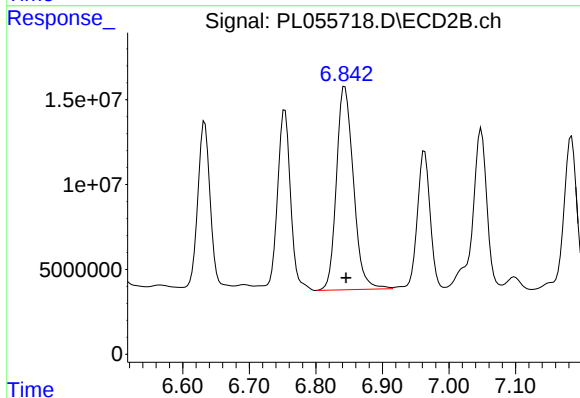
#15 Endosulfan II

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 877575176
Conc: 81.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

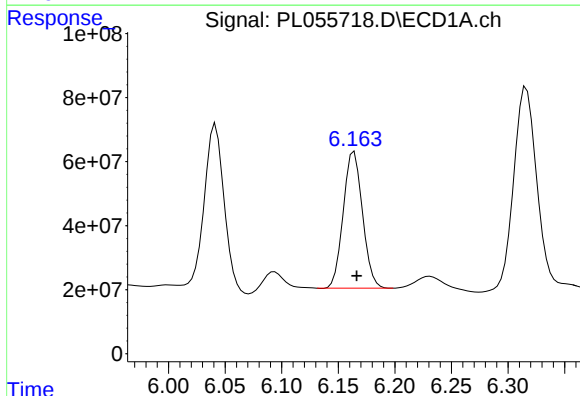
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



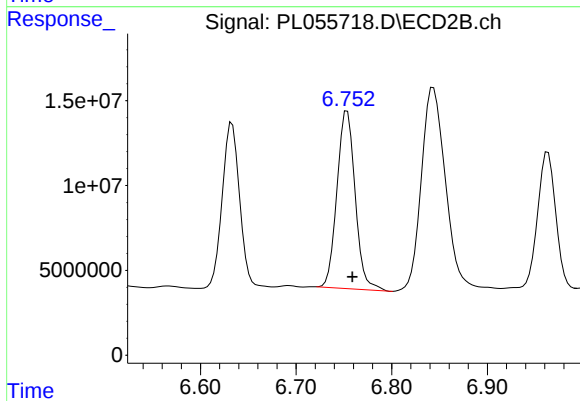
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 211956946
Conc: 88.23 ng/ml



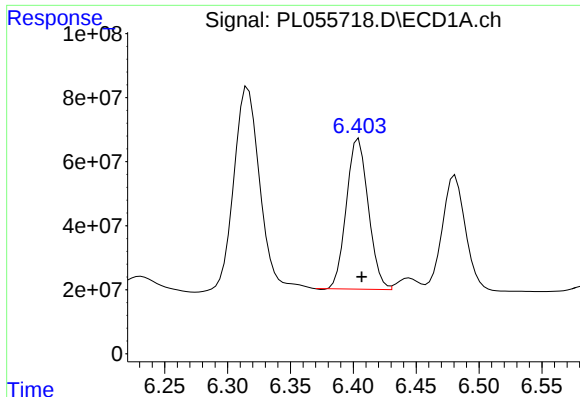
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 504716784
Conc: 53.26 ng/ml



#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: -0.006 min
Response: 138971088
Conc: 67.07 ng/ml



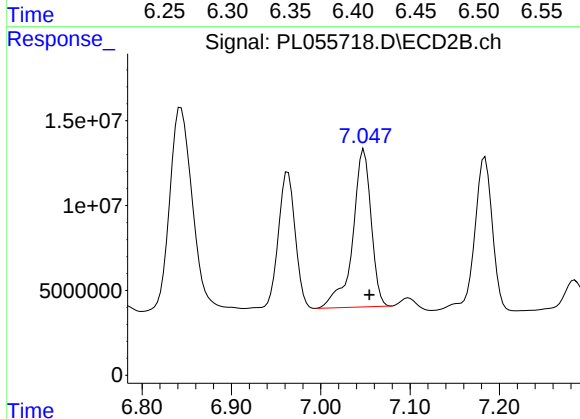
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 570521345
Conc: 66.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

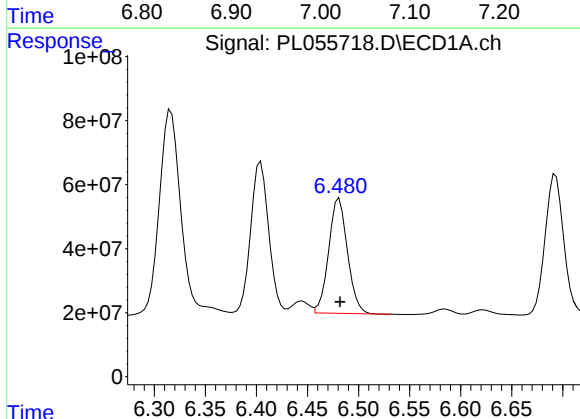
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



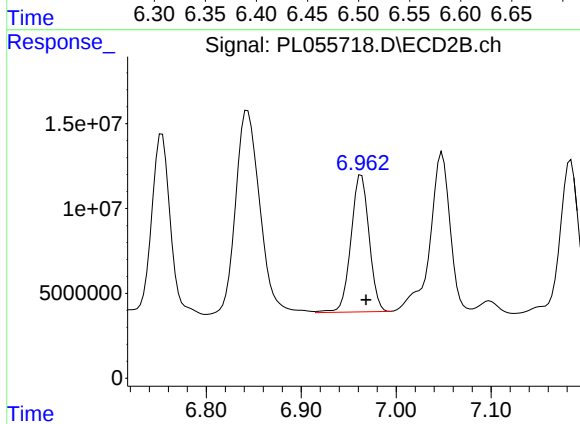
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.006 min
Response: 133231823
Conc: 67.57 ng/ml



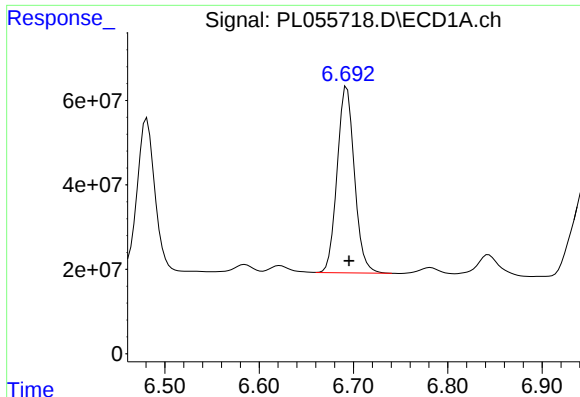
#18 Endrin aldehyde

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 459821201
Conc: 48.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.005 min
Response: 106929154
Conc: 52.66 ng/ml



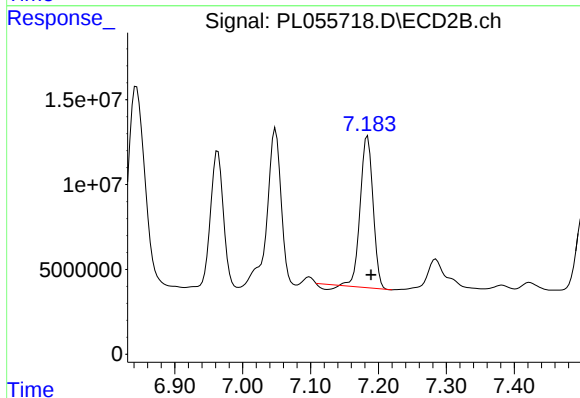
#19 Endosulfan Sulfate

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 561405321
Conc: 57.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

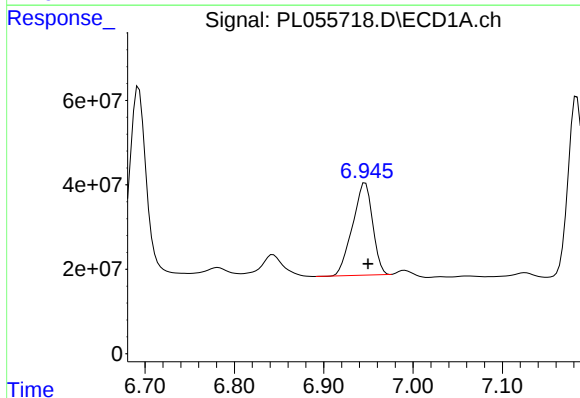
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



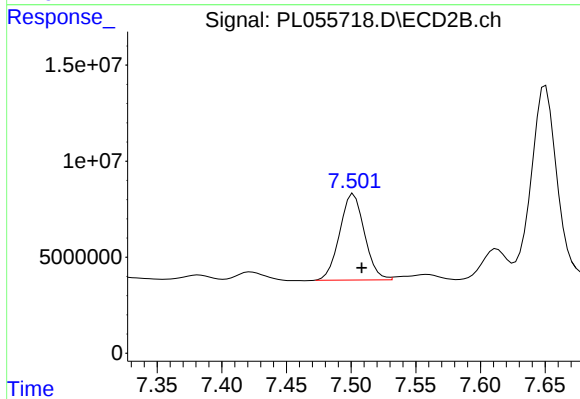
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 114893364
Conc: 51.64 ng/ml



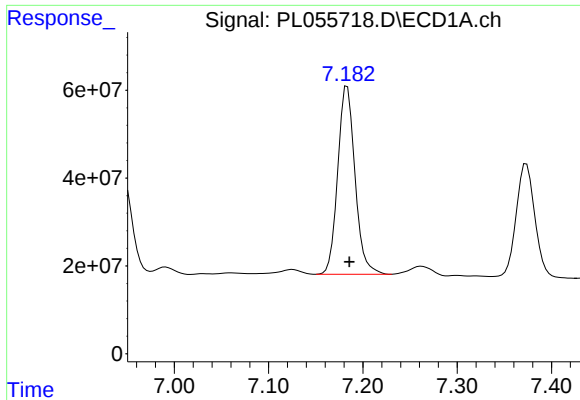
#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 340579145
Conc: 79.34 ng/ml



#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.006 min
Response: 59855492
Conc: 57.18 ng/ml



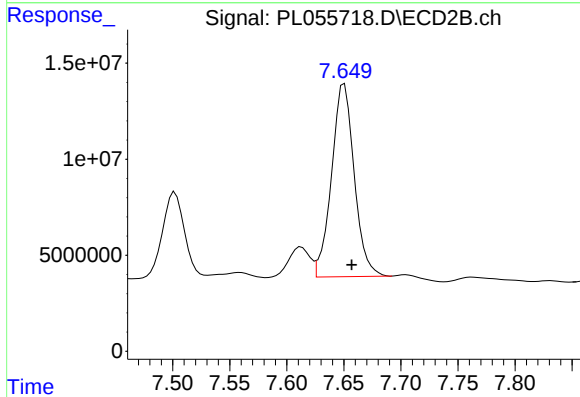
#21 Endrin ketone

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 545780450
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

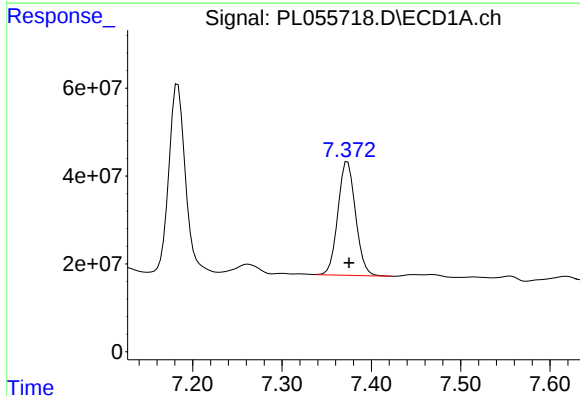
Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



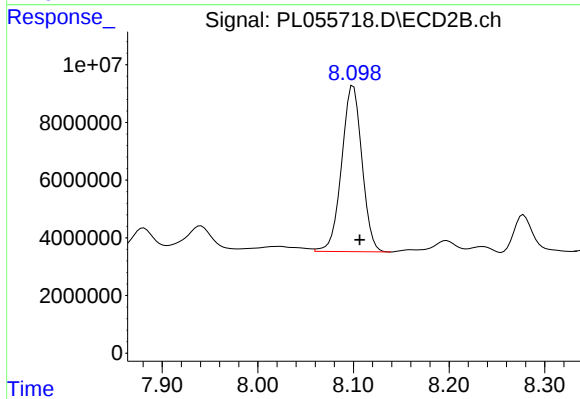
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 139223493
Conc: 58.47 ng/ml



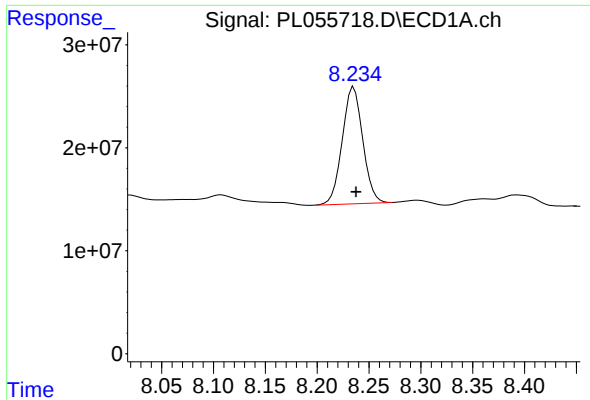
#22 Mirex

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 354027976
Conc: 51.70 ng/ml



#22 Mirex

R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 85046768
Conc: 51.87 ng/ml



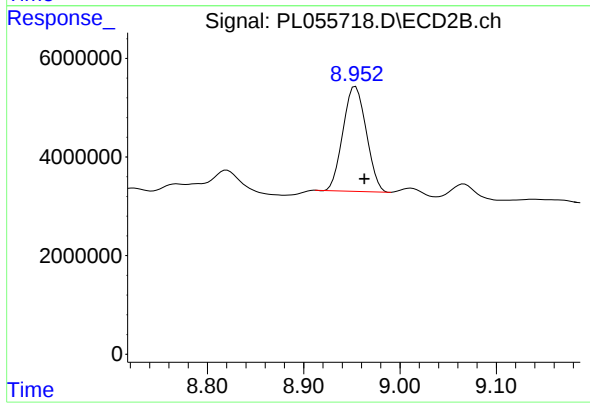
#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 156131610
Conc: 17.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
CIY1-SB-01-0-52MS

Manual Integrations
APPROVED

mohammad
1/14/2020 12:10:56 PM



#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.009 min
Response: 35674847
Conc: 17.16 ng/ml