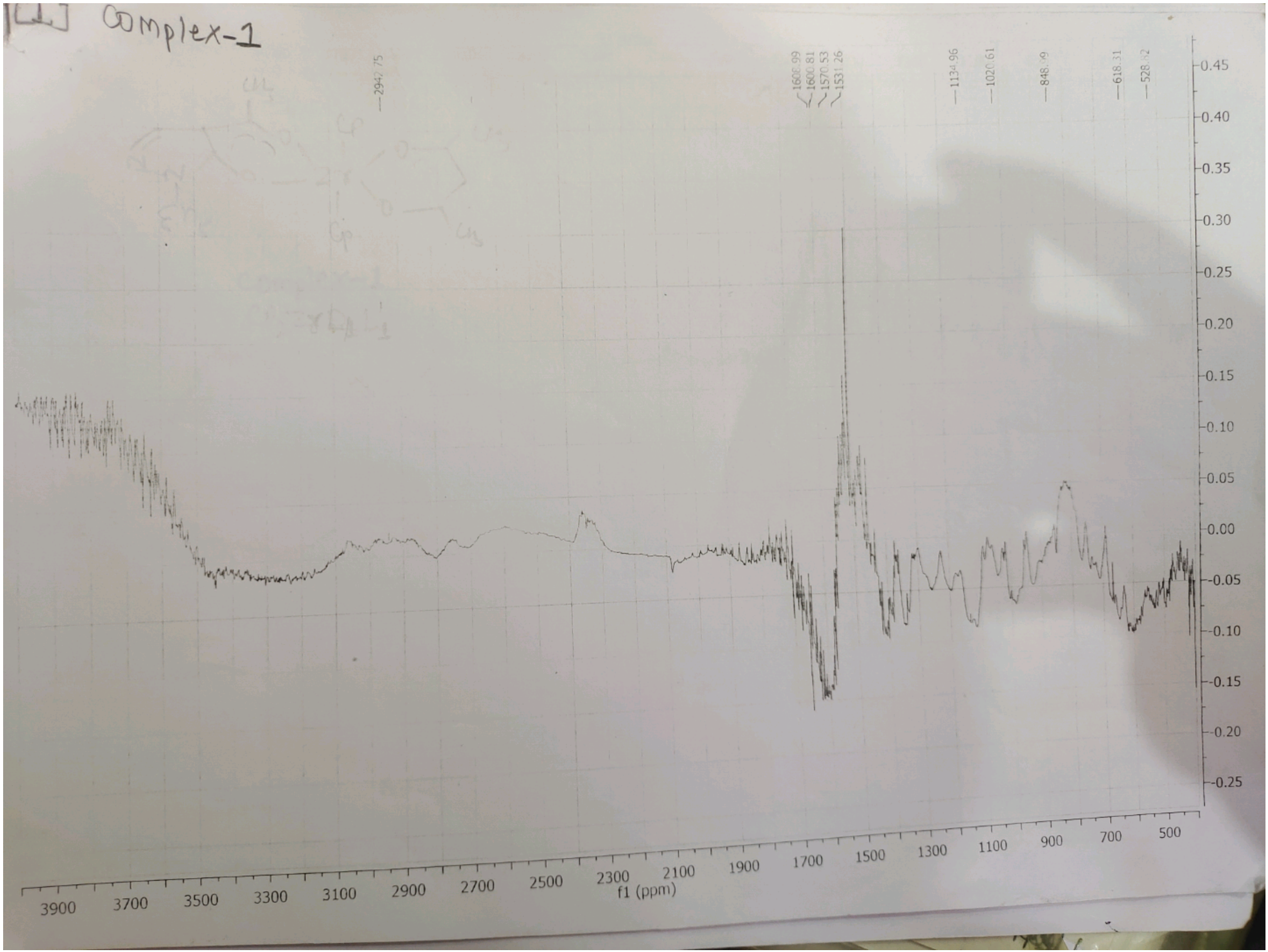
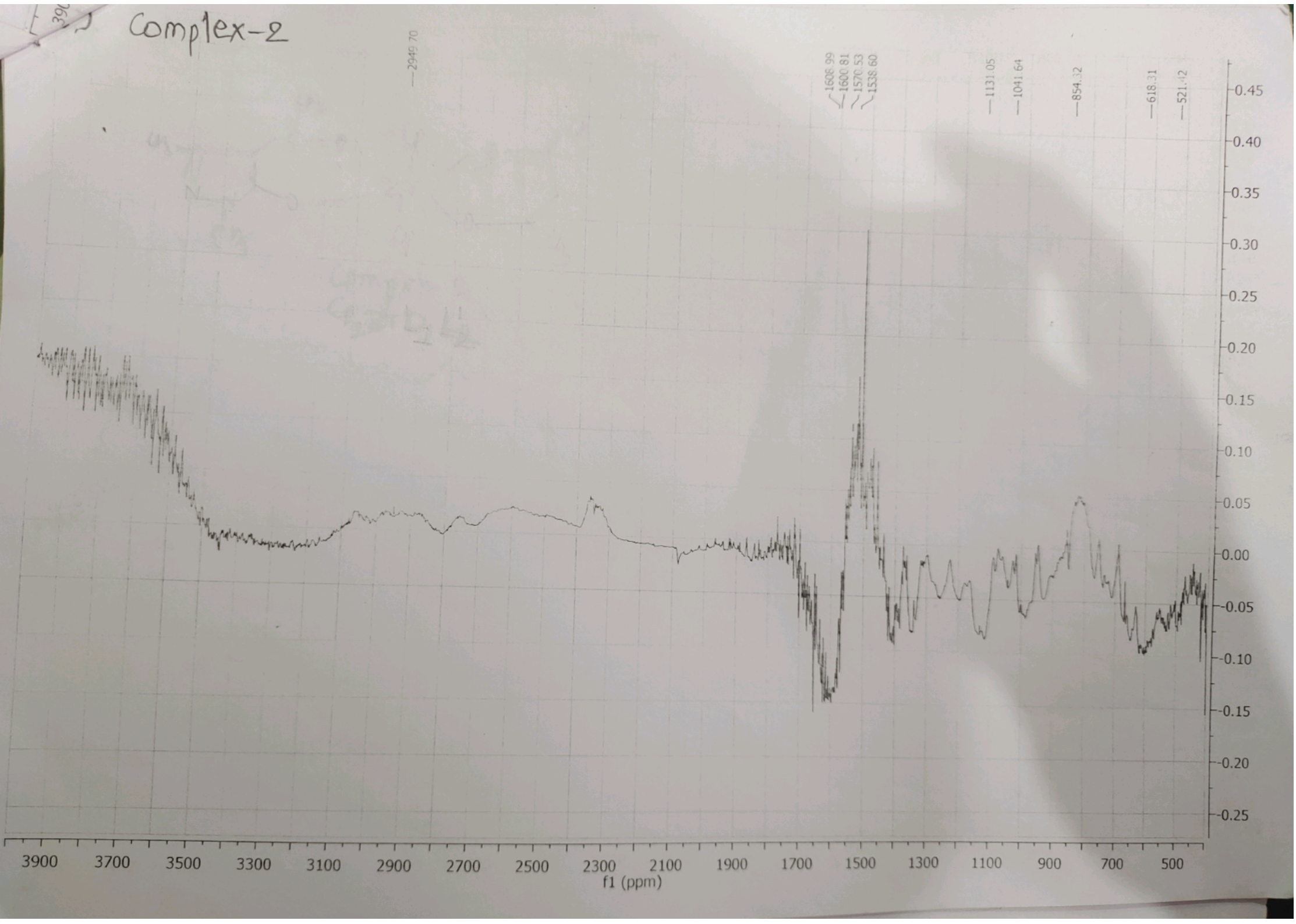
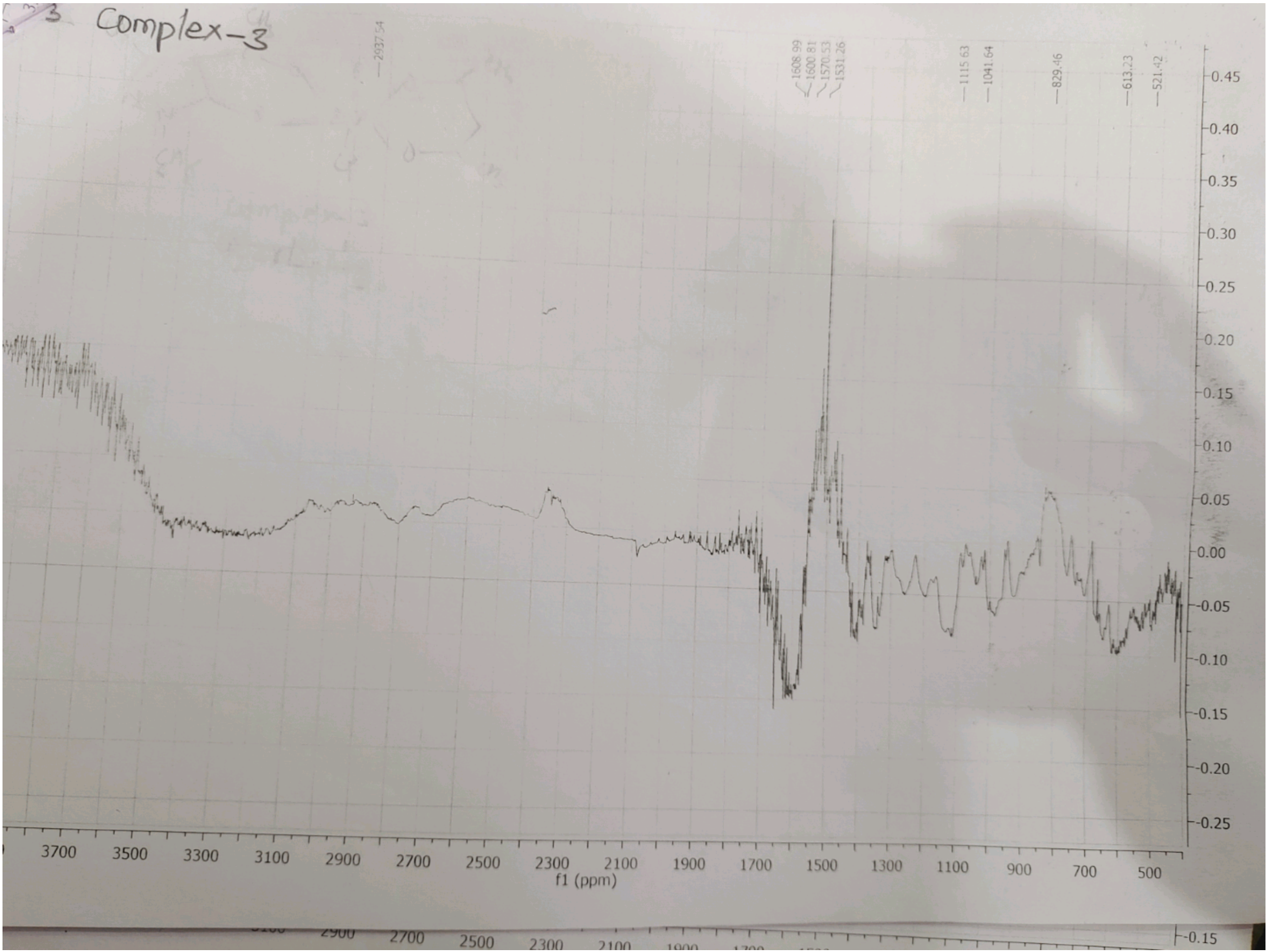
[1] Complex-1

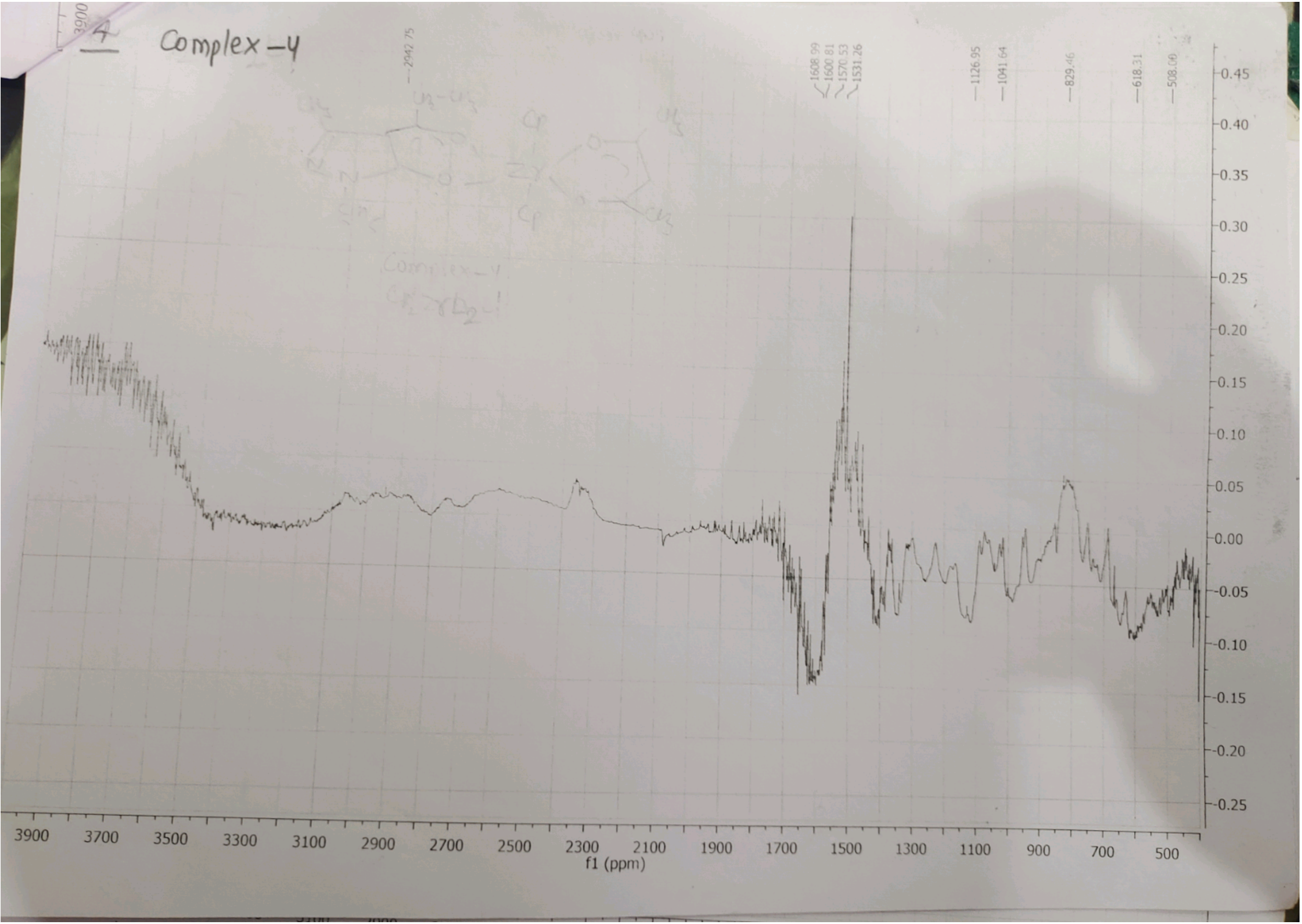

2947.75
1608.99
1600.81
1570.53
1531.26
1134.96
1020.61
848.09
618.31
528.02
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

Complex-2

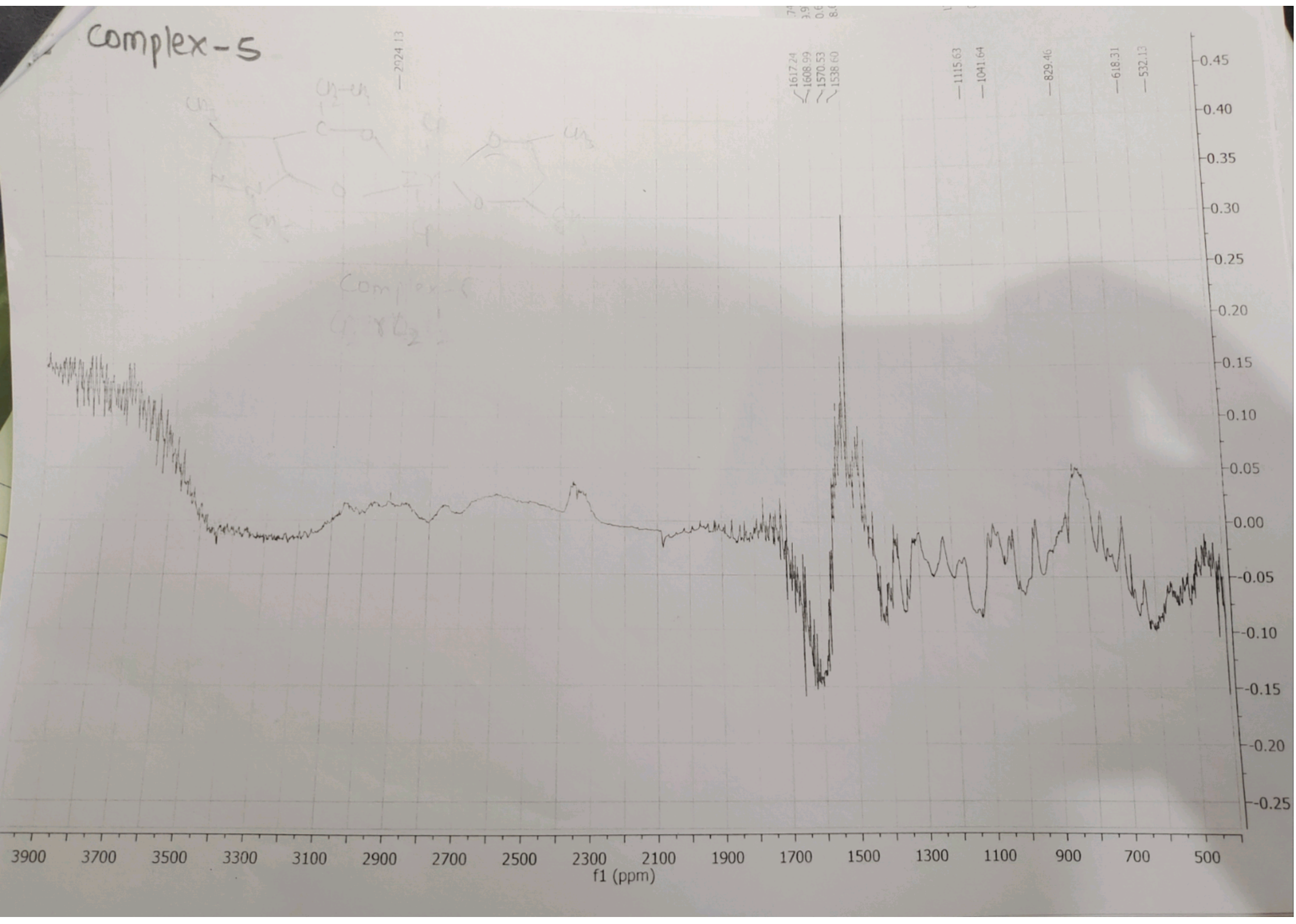

2949.70
1608.99
1600.81
1570.53
1538.60
1131.05
1041.64
854.32
618.31
521.42
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)


Complex-3
2937.54
1608.99
1600.81
1570.53
1531.26
1115.63
1041.64
829.46
613.23
521.42
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

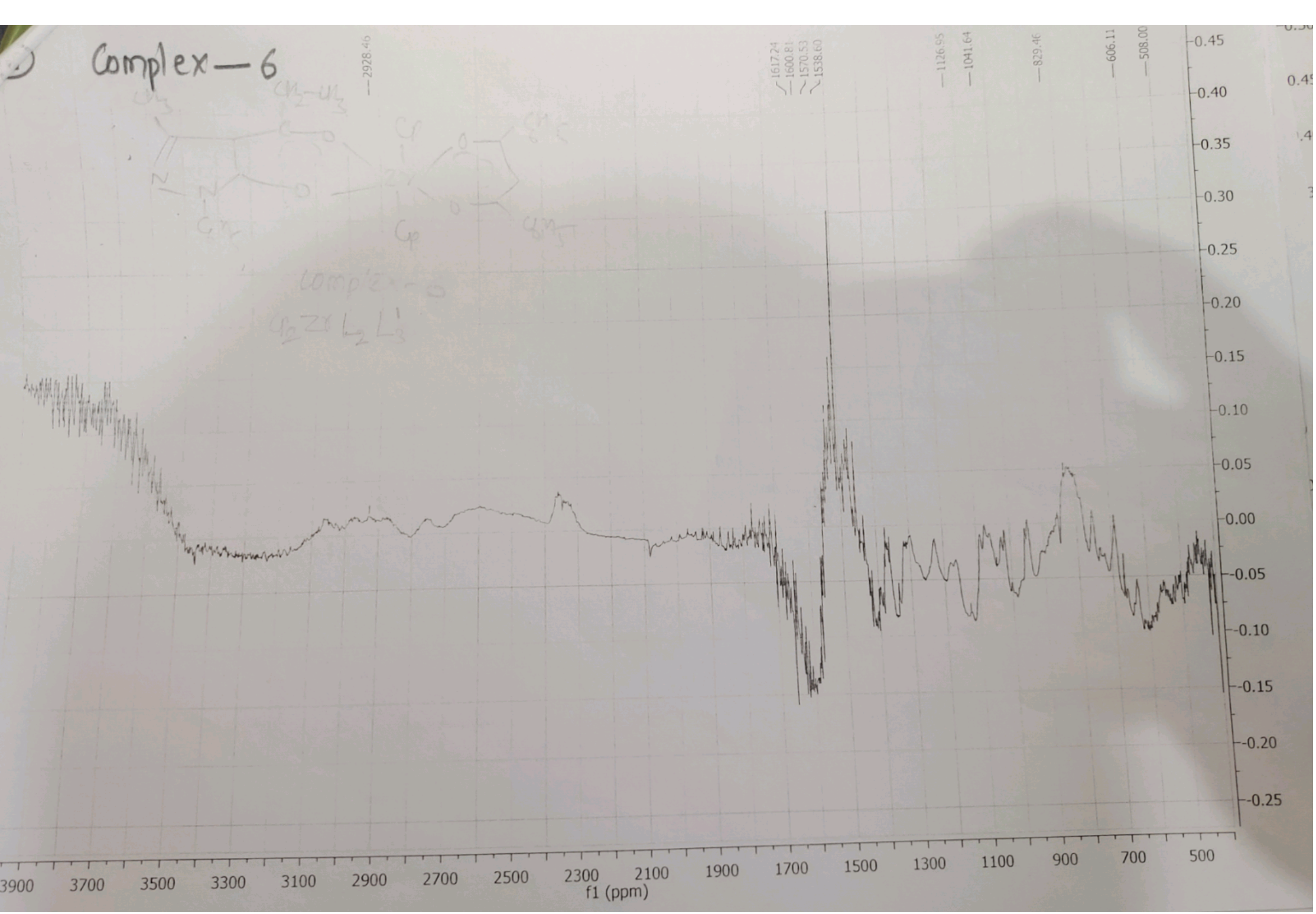
4 Complex-4


2942.75
1608.99
1600.81
1570.53
1531.26
1126.95
1041.64
829.46
618.31
508.00
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

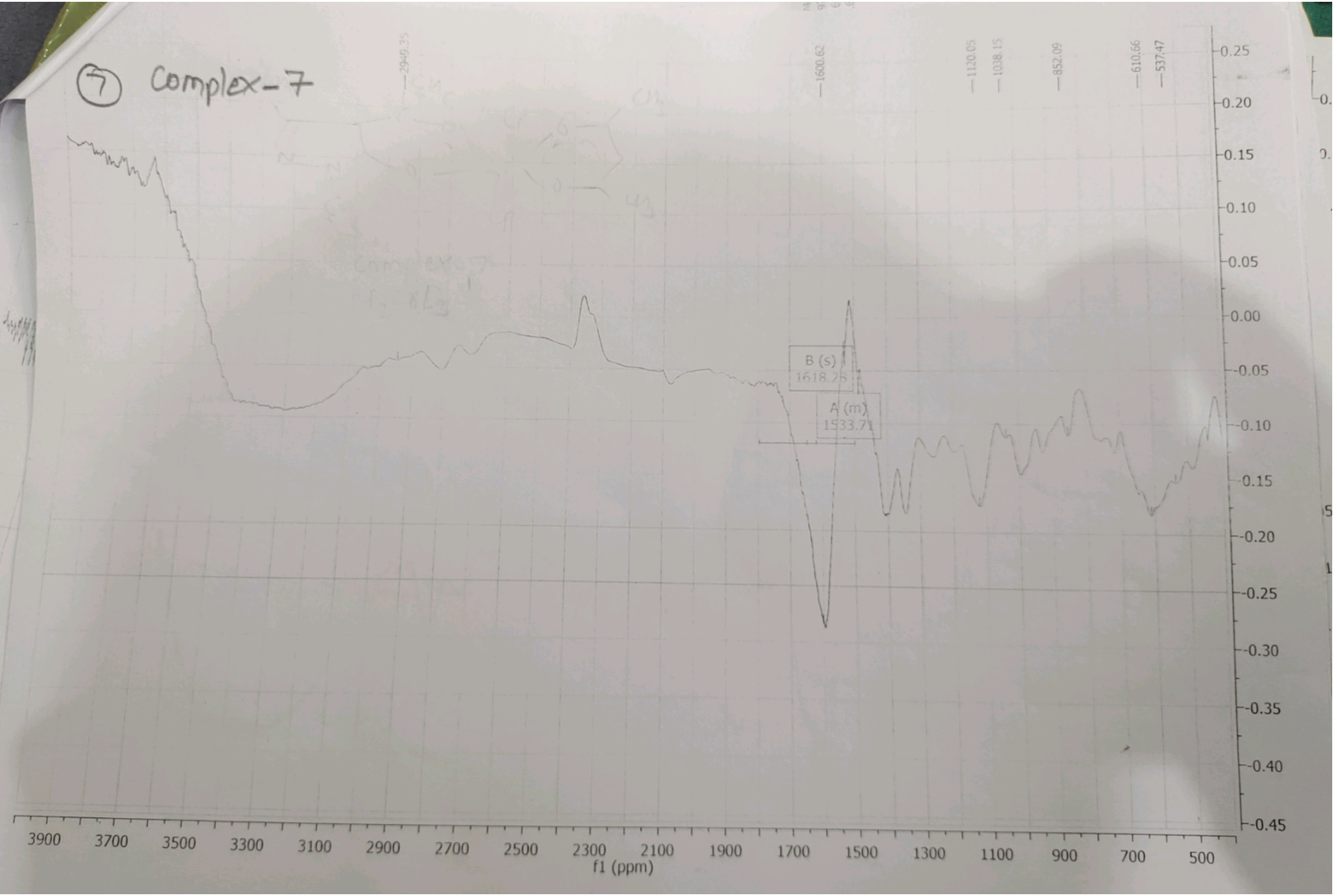
Complex-5

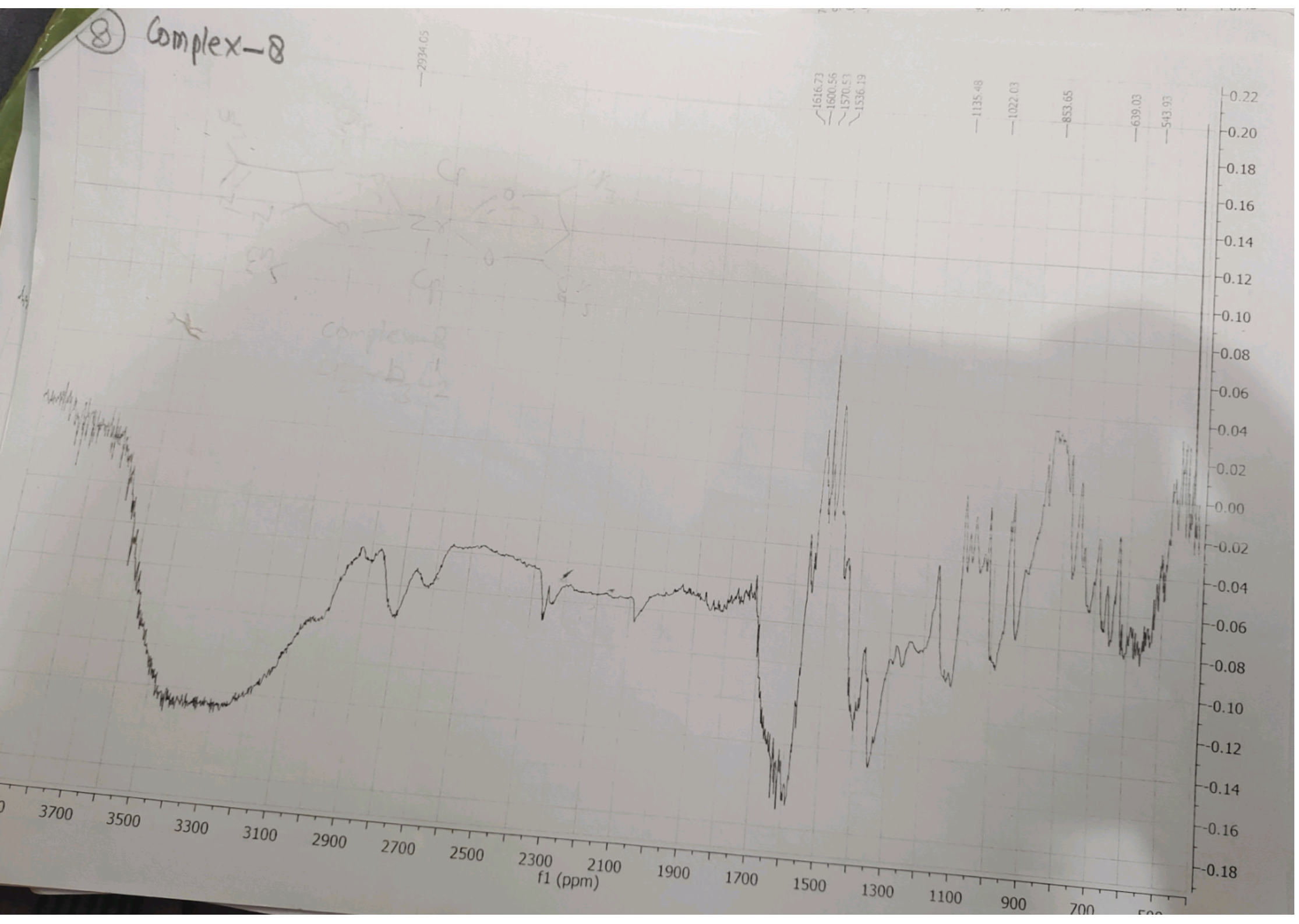

2924.13
1617.24
1608.99
1570.53
1538.60
1115.63
1041.64
829.46
618.31
532.13
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

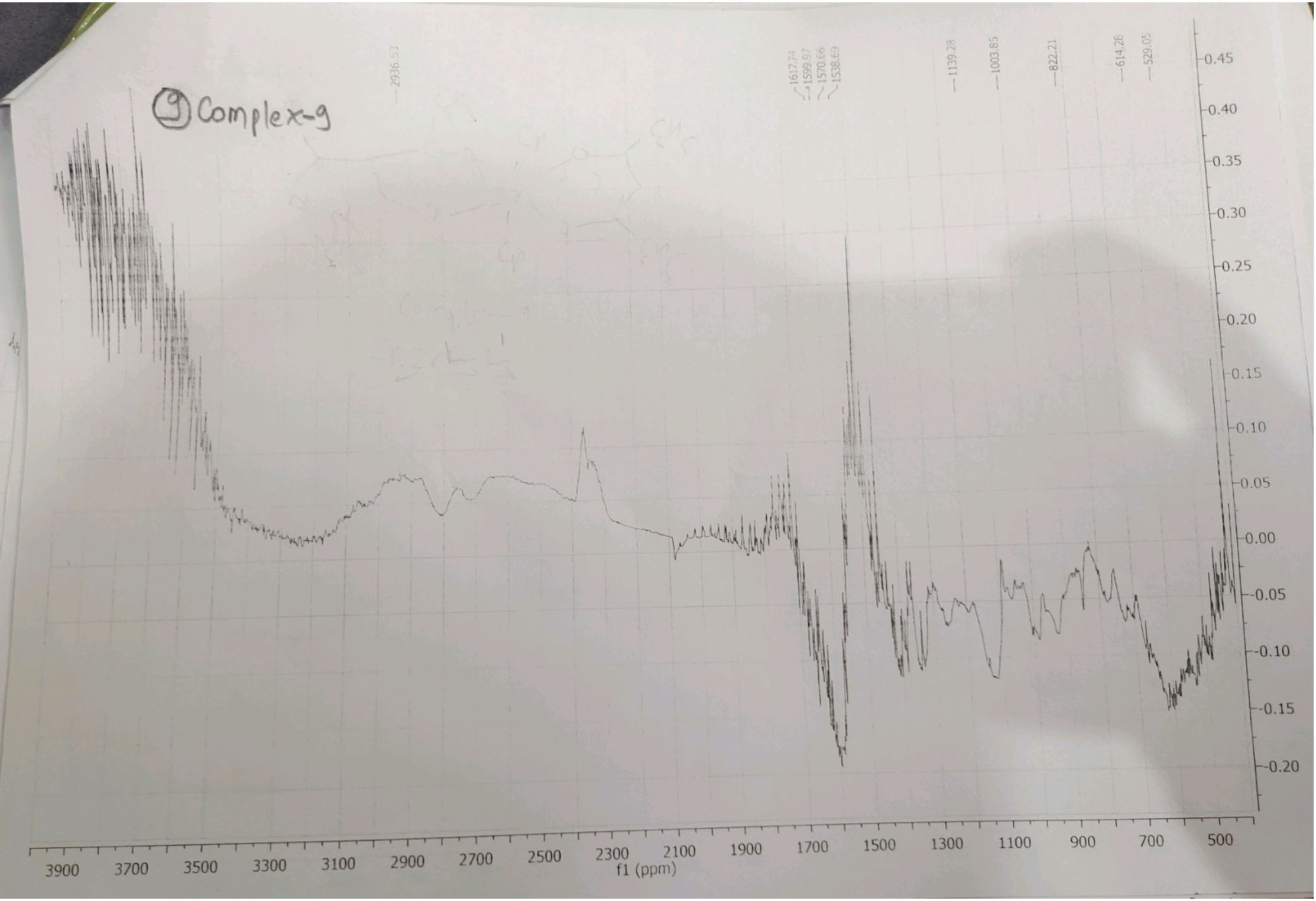
Complex—6


2928.46
1617.24
1600.81
1570.53
1538.60
1126.55
1041.64
829.46
606.11
508.00
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

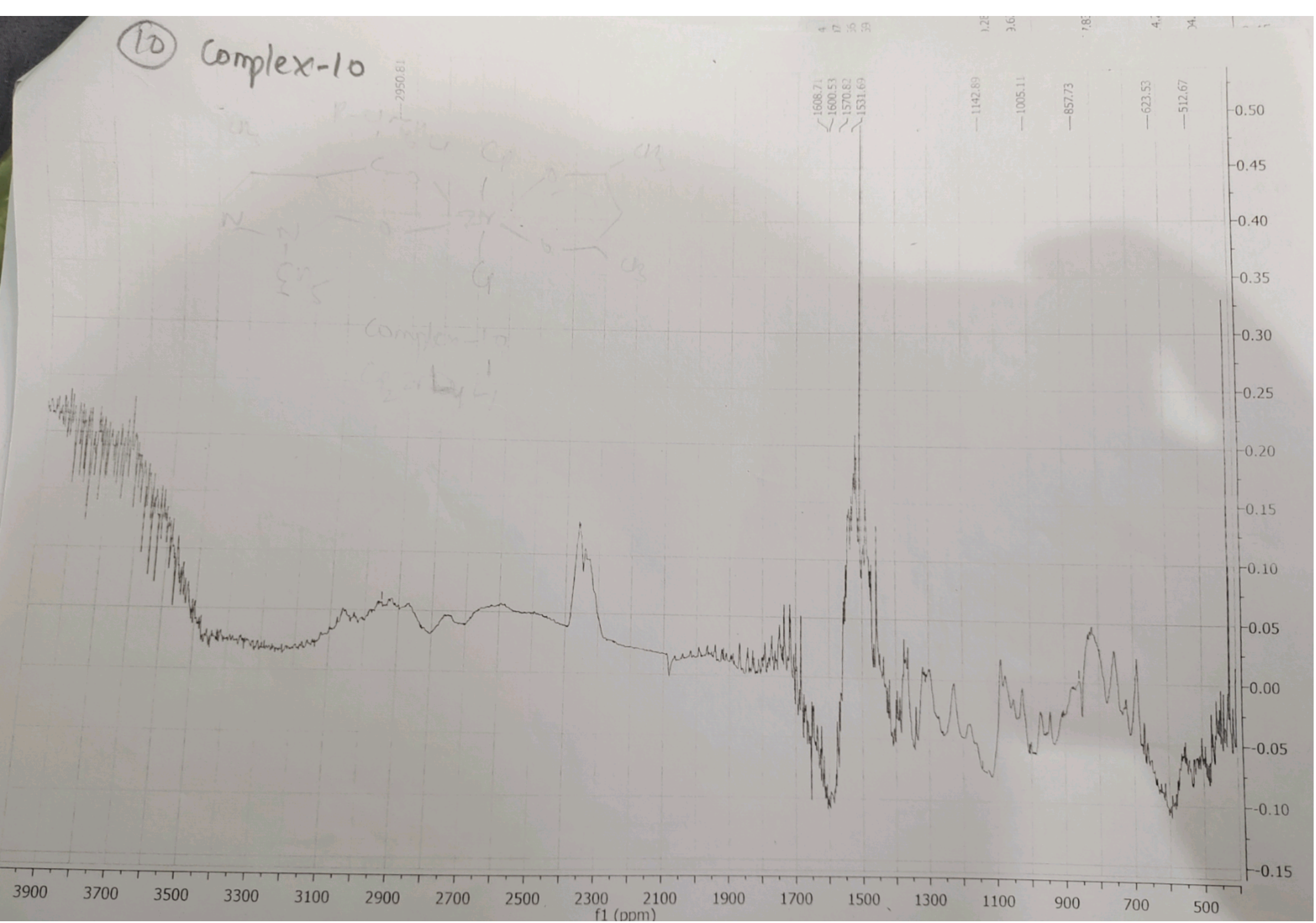
(7) Complex-7

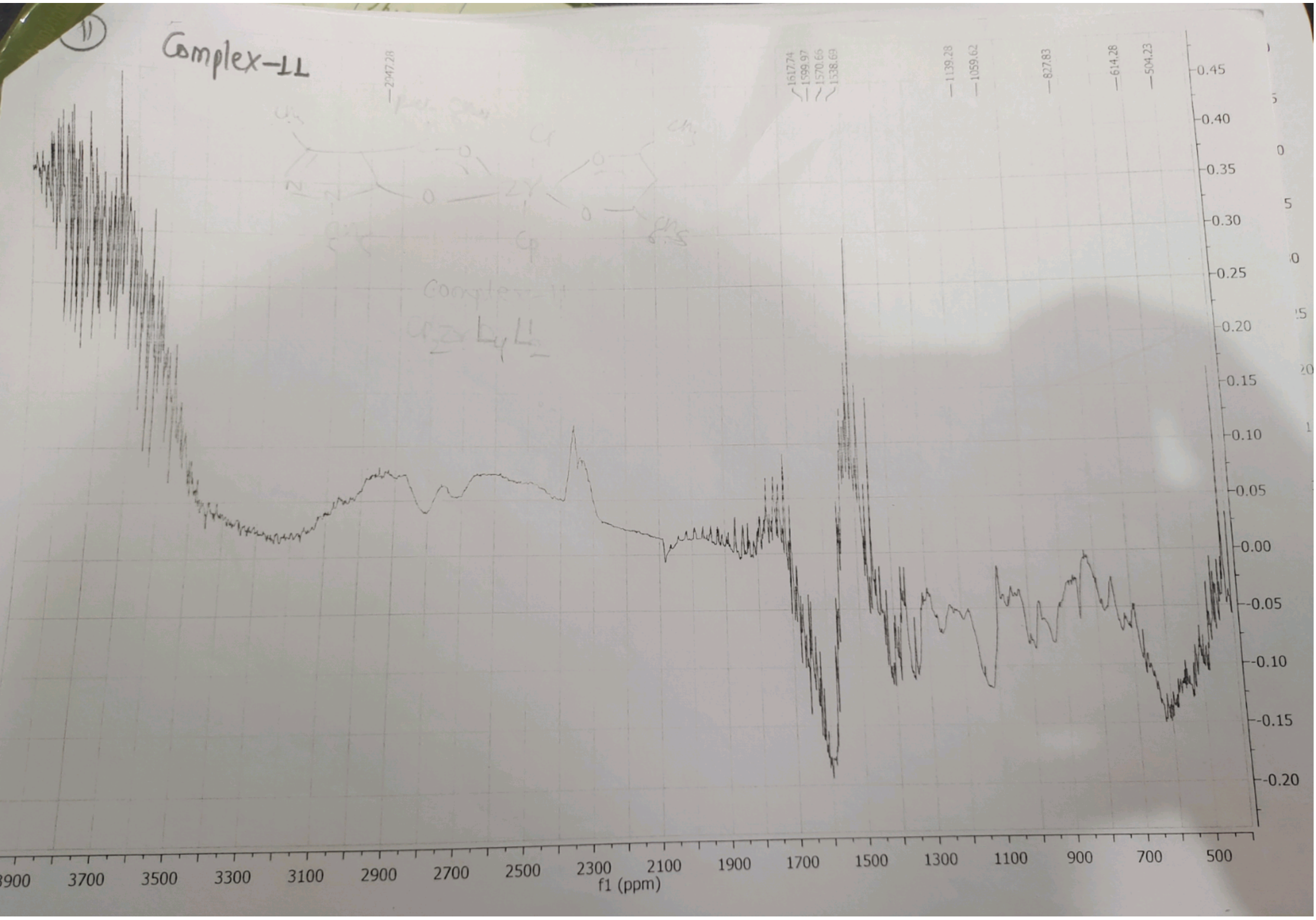

2949.35
1600.62
1120.05
1038.15
852.09
610.66
537.47
B (s)
1618.26
A (m)
1533.71
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
-0.30
-0.35
-0.40
-0.45
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)


8 Complex-8
2934.65
1616.73
1600.56
1570.53
1536.19
1135.48
1022.03
853.65
639.03
543.93
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
-0.02
-0.04
-0.06
-0.08
-0.10
-0.12
-0.14
-0.16
-0.18
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
f1 (ppm)

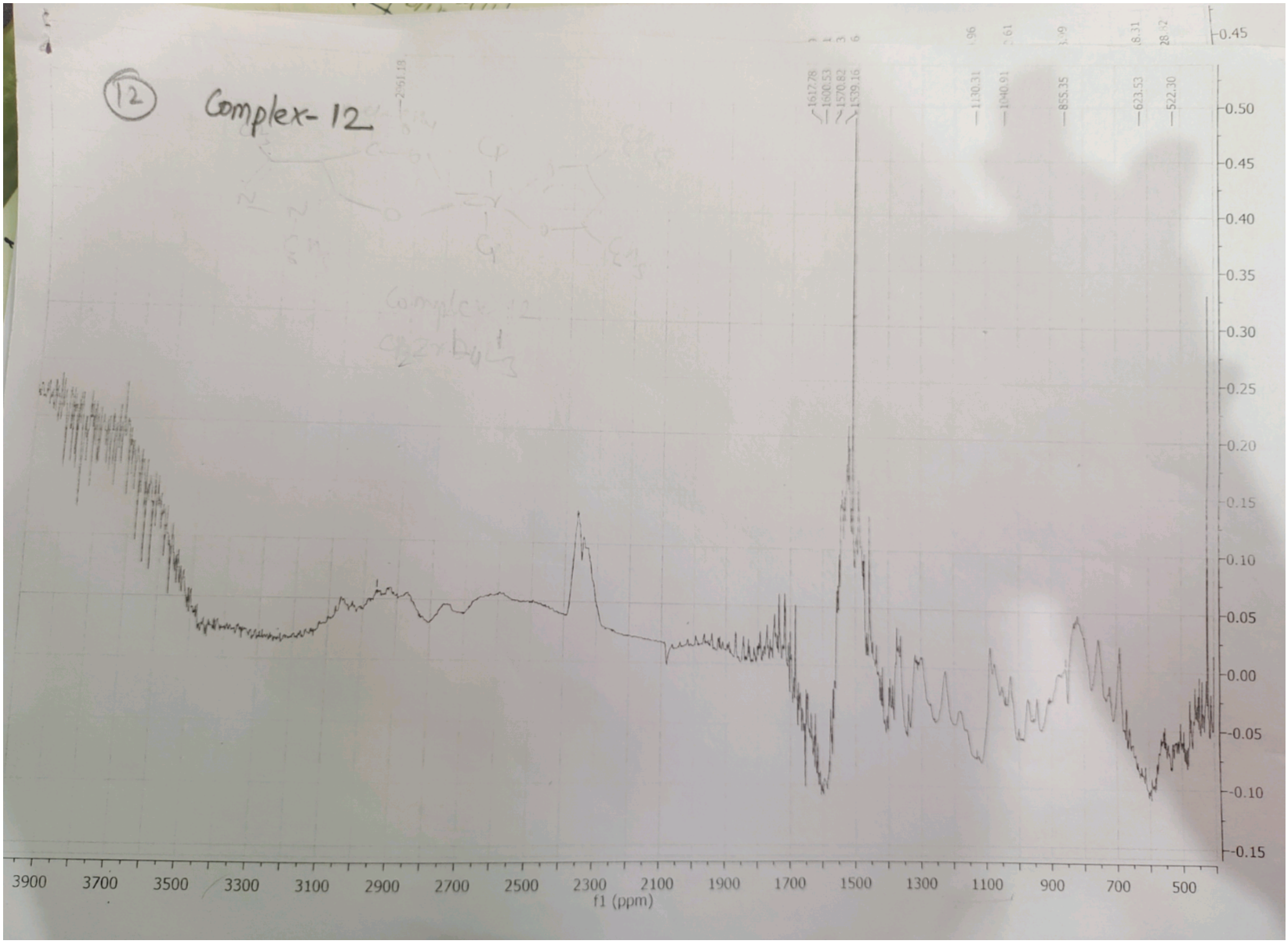

(9) Complex-9
2936.53
1617.74
1599.57
1570.66
1538.69
1139.28
1003.85
822.21
614.28
529.05
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

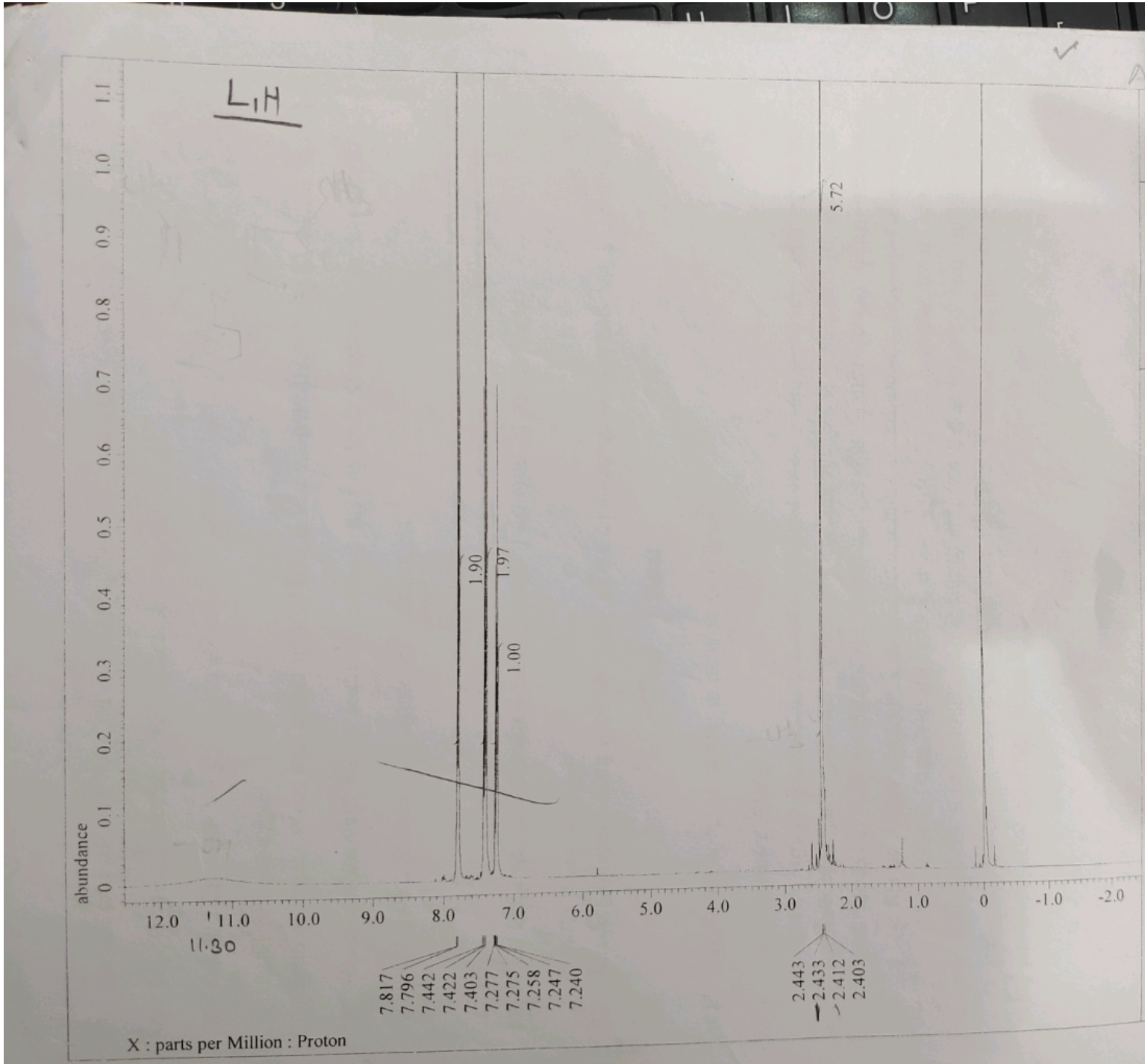
(10) Complex-10




Complex-11
2947.28
1617.74
1599.97
1570.65
1538.69
1139.28
1059.62
827.83
614.28
504.23
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
3900
3700
3500
3300
3100
2900
2700
2500
2300
2100
1900
1700
1500
1300
1100
900
700
500
f1 (ppm)

(12) Complex-12

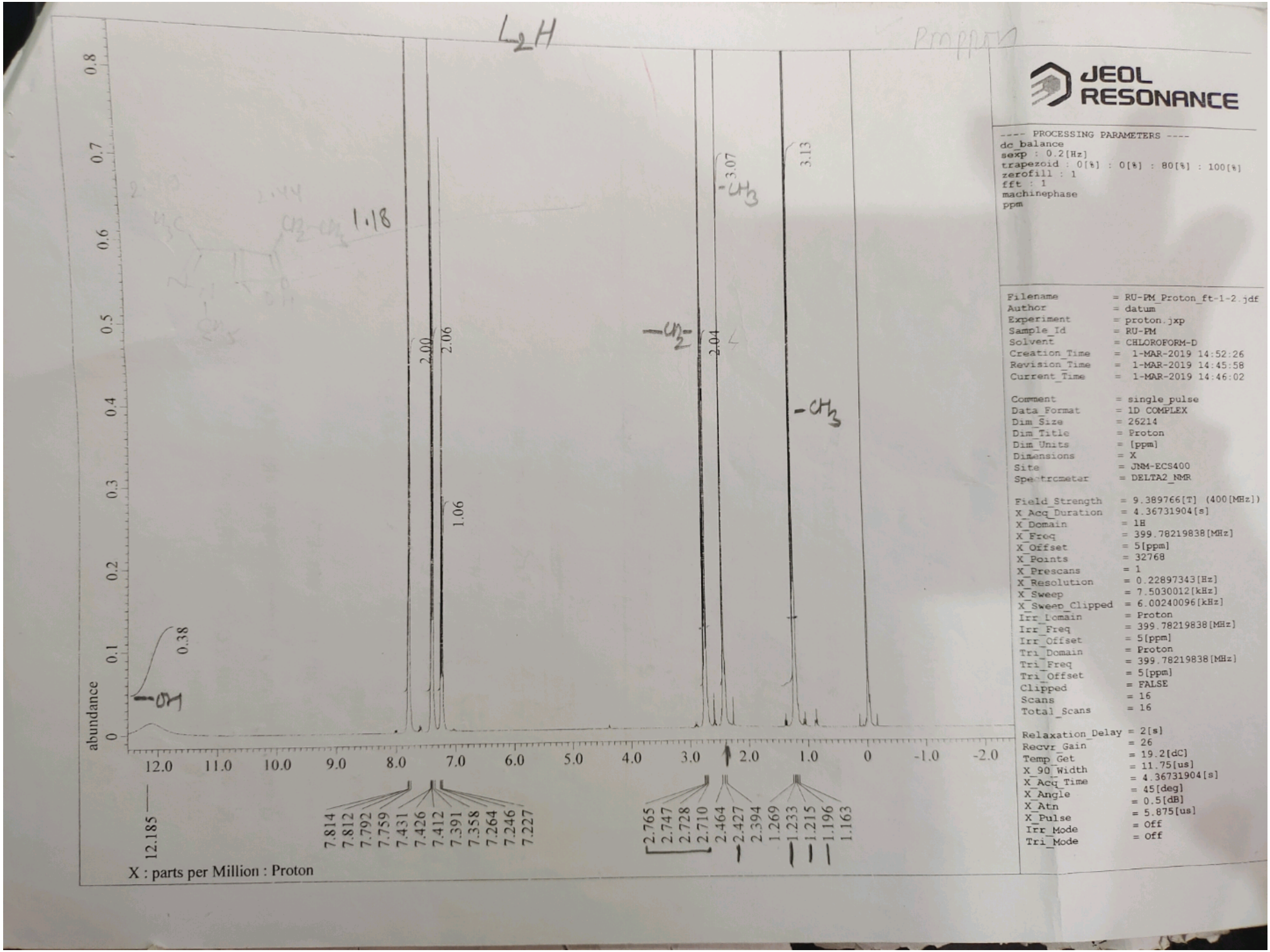


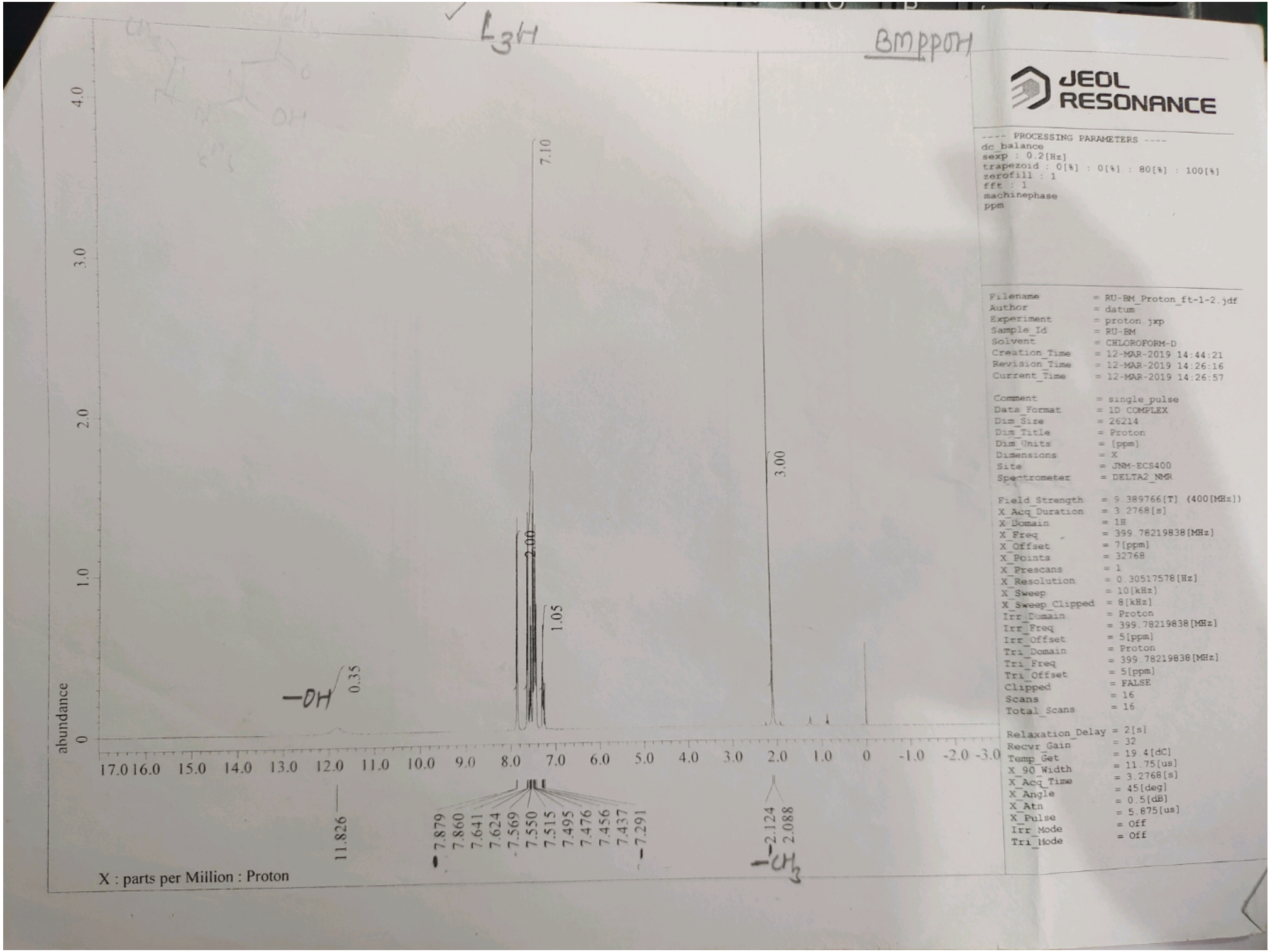


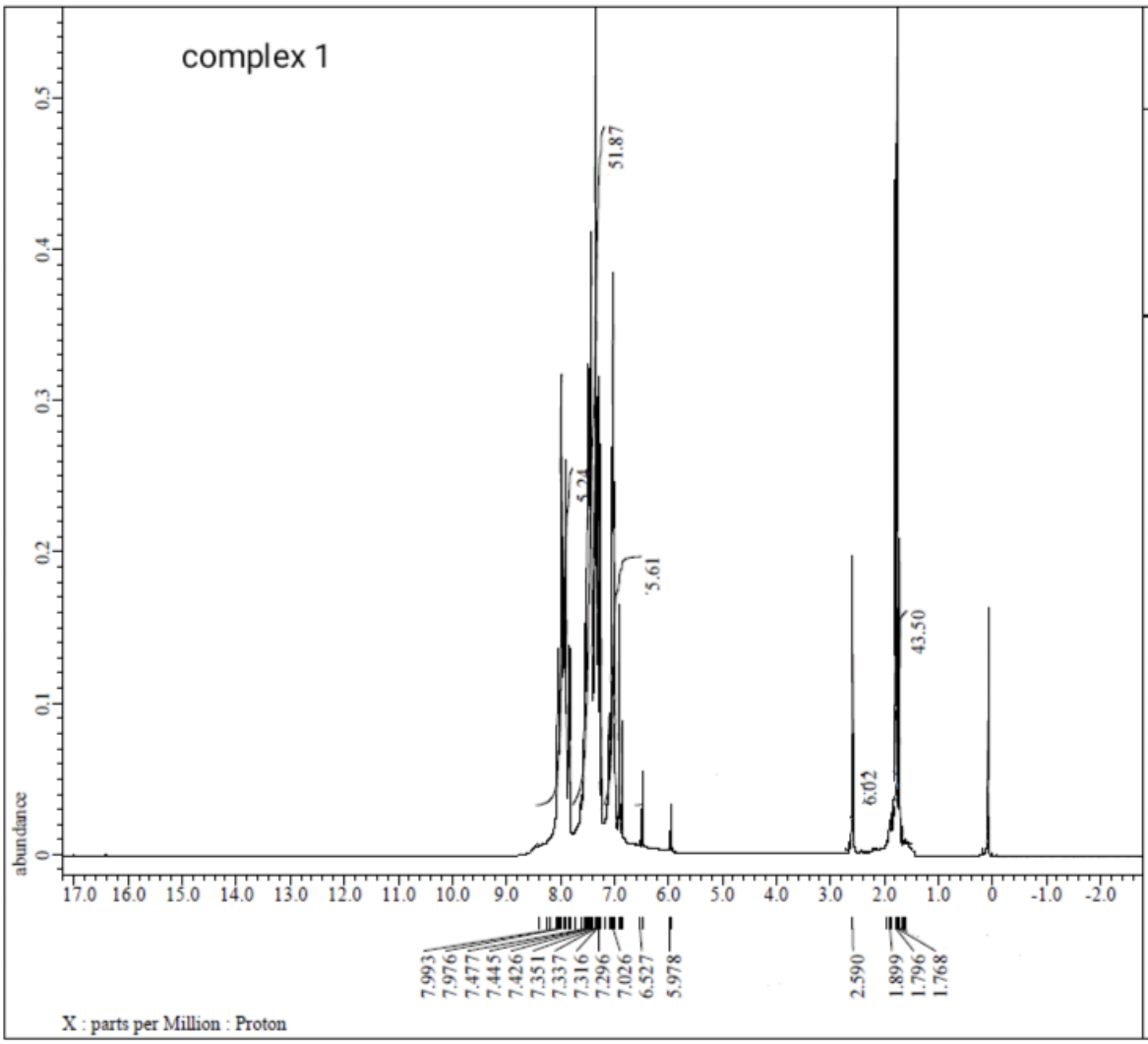
JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

Filename	= RU-AM_Proton_ft-1-2.jdf
Author	= datum
Experiment	= proton.jxp
Sample_Id	= RU-AM
Solvent	= CHLOROFORM-D
Creation_Time	= 1-MAR-2019 15:24:00
Revision_Time	= 1-MAR-2019 15:08:39
Current_Time	= 1-MAR-2019 15:09:04
Comment	= single_pulse
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 4.36731904[s]
X_Domain	= 1H
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 32768
X_Prescans	= 1
X_Resolution	= 0.22897343[Hz]
X_Sweep	= 7.5030012[kHz]
X_Sweep_Clipped	= 6.00240096[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MHz]
Irr_Offset	= 5[ppm]
Tri_Domain	= Proton
Tri_Freq	= 399.78219838[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 16
Total_Scans	= 16
Relaxation_Delay	= 2[s]
Recvr_Gain	= 32
Temp_Get	= 19.1[dC]
X_90_Width	= 11.75[us]
X_Acq_Time	= 4.36731904[s]
X_Angle	= 45[deg]
X_Atn	= 0.5[dB]
X_Pulse	= 5.875[us]
Irr_Mode	= Off
Tri_Mode	= Off


JEOL RESONANCE
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
Filename = RU-PM_Proton_ft-1-2.jdf
Author = datum
Experiment = proton.jxp
Sample_Id = RU-PM
Solvent = CHLOROFORM-D
Creation_Time = 1-MAR-2019 14:52:26
Revision_Time = 1-MAR-2019 14:45:58
Current_Time = 1-MAR-2019 14:46:02
Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 26214
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Site = JNM-ECS400
Spectrometer = DELTA2_NMR
Field_Strength = 9.389766[T] (400[MHz])
X_Acq_Duration = 4.36731904[s]
X_Domain = 1H
X_Freq = 399.78219838[MHz]
X_Offset = 5[ppm]
X_Points = 32768
X_Prescans = 1
X_Resolution = 0.22897343[Hz]
X_Sweep = 7.5030012[kHz]
X_Sweep_Clipped = 6.00240096[kHz]
Irr_Domain = Proton
Irr_Freq = 399.78219838[MHz]
Irr_Offset = 5[ppm]
Tri_Domain = Proton
Tri_Freq = 399.78219838[MHz]
Tri_Offset = 5[ppm]
Clipped = FALSE
Scans = 16
Total_Scans = 16
Relaxation_Delay = 2[s]
Recvr_Gain = 26
Temp_Get = 19.2[dC]
X_90_Width = 11.75[us]
X_Acq_Time = 4.36731904[s]
X_Angle = 45[deg]
X_Atn = 0.5[dB]
X_Pulse = 5.875[us]
Irr_Mode = Off
Tri_Mode = Off
abundance
12.185
7.814 7.812 7.792 7.759 7.431 7.426 7.412 7.391 7.358 7.264 7.246 7.227
2.765 2.747 2.728 2.710 2.464 2.427 2.394 1.269 1.233 1.215 1.196 1.163
X : parts per Million : Proton

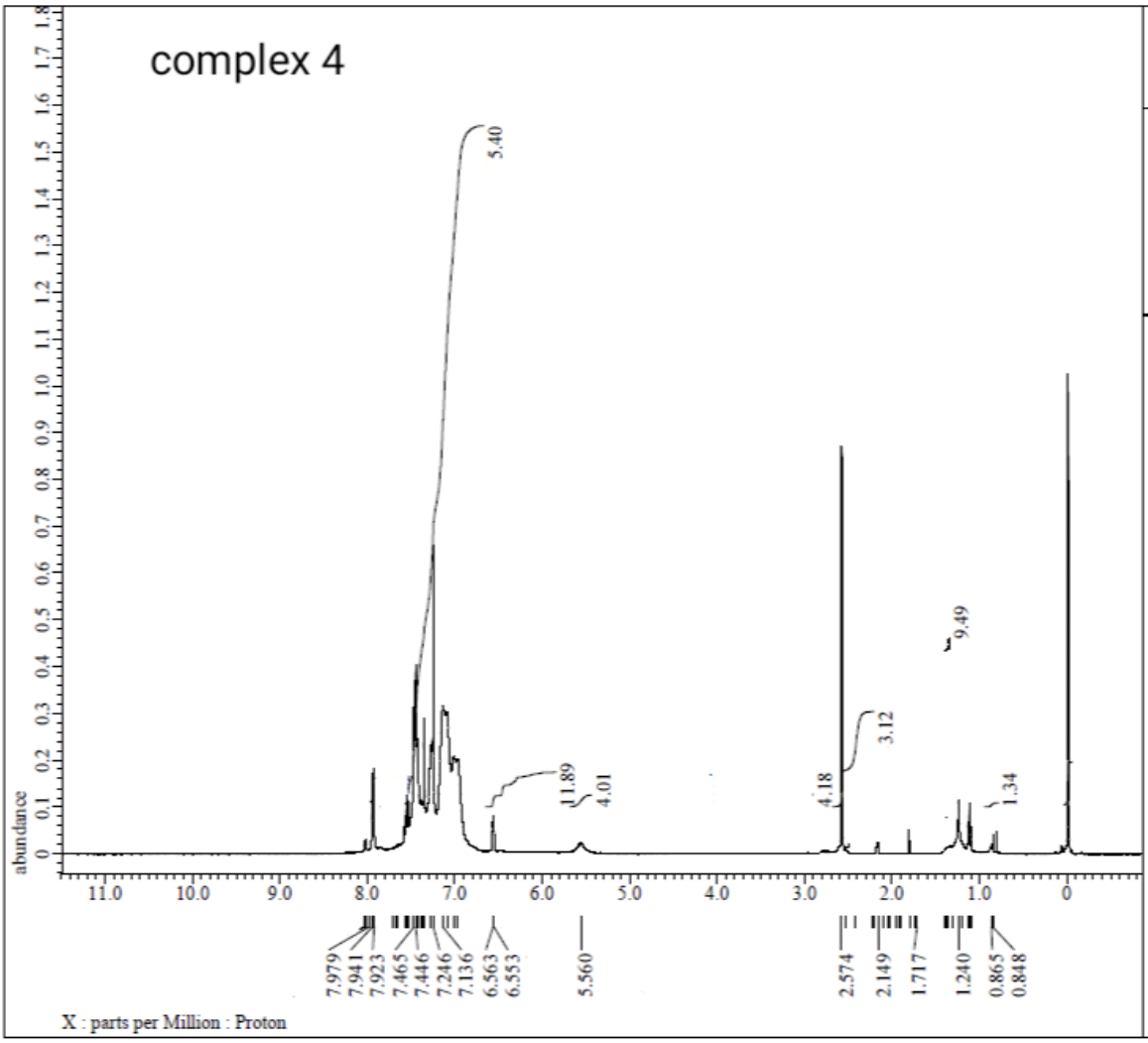

L3H
BMPPOH
JEOL RESONANCE
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
Filename = RU-BM_Proton_ft-1-2.jdf
Author = datum
Experiment = proton.jxp
Sample_Id = RU-BM
Solvent = CHLOROFORM-D
Creation_Time = 12-MAR-2019 14:44:21
Revision_Time = 12-MAR-2019 14:26:16
Current_Time = 12-MAR-2019 14:26:57
Comment = single_pulse
Data_Format = 1D COMPLEX
Dim_Size = 26214
Dim_Title = Proton
Dim_Units = [ppm]
Dimensions = X
Site = JNM-ECS400
Spectrometer = DELTA2_NMR
Field_Strength = 9.389766[T] (400[MHz])
X_Acq_Duration = 3.2768[s]
X_Domain = 1H
X_Freq = 399.78219838[MHz]
X_Offset = 7[ppm]
X_Points = 32768
X_Prescans = 1
X_Resolution = 0.30517578[Hz]
X_Sweep = 10[kHz]
X_Sweep_Clipped = 8[kHz]
Irr_Domain = Proton
Irr_Freq = 399.78219838[MHz]
Irr_Offset = 5[ppm]
Tri_Domain = Proton
Tri_Freq = 399.78219838[MHz]
Tri_Offset = 5[ppm]
Clipped = FALSE
Scans = 16
Total_Scans = 16
Relaxation_Delay = 2[s]
Recvr_Gain = 32
Temp_Get = 19.4[dC]
X_90_Width = 11.75[us]
X_Acq_Time = 3.2768[s]
X_Angle = 45[deg]
X_Atn = 0.5[dB]
X_Pulse = 5.875[us]
Irr_Mode = Off
Tri_Mode = Off
abundance
0
1.0
2.0
3.0
4.0
7.10
3.00
2.00
1.05
0.35
-OH
17.0 16.0 15.0 14.0 13.0 12.0 11.0 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0 -1.0 -2.0 -3.0
11.826
7.879
7.860
7.641
7.624
7.569
7.550
7.515
7.495
7.476
7.456
7.437
7.291
2.124
2.088
-CH3
X : parts per Million : Proton



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

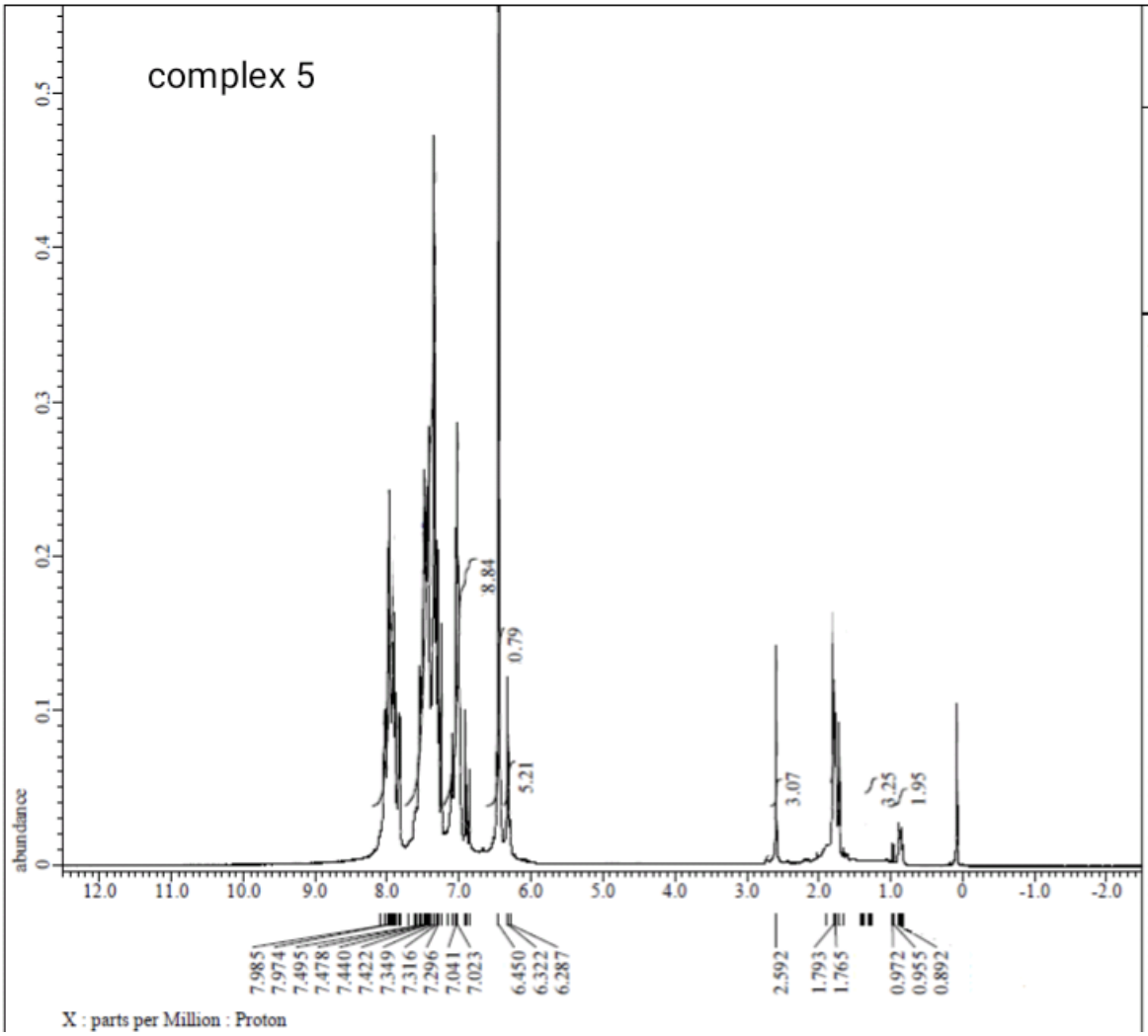
Filename	= RU-2-ZrBD-NA_Proton_ft
Author	= datum
Experiment	= proton.jxp
Sample_Id	= RU-2-ZrBD-NA
Solvent	= CHLOROFORM-D
Creation_Time	= 16-APR-2019 13:11:50
Revision_Time	= 14-DEC-2021 11:53:42
Current_Time	= 14-DEC-2021 11:54:01
Comment	= single_pulse
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 3.2768[s]
X_Domain	= 1H
X_Freq	= 399.78219838[MHz]
X_Offset	= 7[ppm]
X_Points	= 32768
X_Prescans	= 1
X_Resolution	= 0.30517578[Hz]
X_Sweep	= 10[kHz]
X_Sweep_Clipped	= 8[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MHz]
Irr_Offset	= 5[ppm]
Tri_Domain	= Proton
Tri_Freq	= 399.78219838[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 64
Total_Scans	= 64
Relaxation_Delay	= 2[s]
Recvr_Gain	= 30
Temp_Get	= 22.7[dC]
X_90_Width	= 11.75[us]
X_Acq_Time	= 3.2768[s]
X_Angle	= 45[deg]
X_Atn	= 0.5[dB]
X_Pulse	= 5.875[us]
Irr_Mode	= Off
Tri_Mode	= Off



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

Filename	= RU-Z-3-BABM_Proton_ft-2
Author	= datum
Experiment	= proton.jxp
Sample_Id	= RU-Z-3-BABM
Solvent	= CHLOROFORM-D
Creation_Time	= 28-MAY-2019 14:34:18
Revision_Time	= 14-DEC-2021 11:55:15
Current_Time	= 14-DEC-2021 11:55:40
Comment	= single_pulse
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 2.73154048[s]
X_Domain	= 1H
X_Freq	= 399.78219838[MHz]
X_Offset	= 8[ppm]
X_Points	= 32768
X_Prescans	= 1
X_Resolution	= 0.36609379[Hz]
X_Sweep	= 11.99616123[kHz]
X_Sweep_Clipped	= 9.59692898[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MHz]
Irr_Offset	= 5[ppm]
Tri_Domain	= Proton
Tri_Freq	= 399.78219838[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 16
Total_Scans	= 16
Relaxation_Delay	= 2[s]
Recvr_Gain	= 40
Temp_Get	= 20.5[dC]
X_90_Width	= 11.75[us]
X_Acq_Time	= 2.73154048[s]
X_Angle	= 45[deg]
X_Atn	= 0.5[dB]
X_Pulse	= 5.875[us]
Irr_Mode	= Off
Tri_Mode	= Off

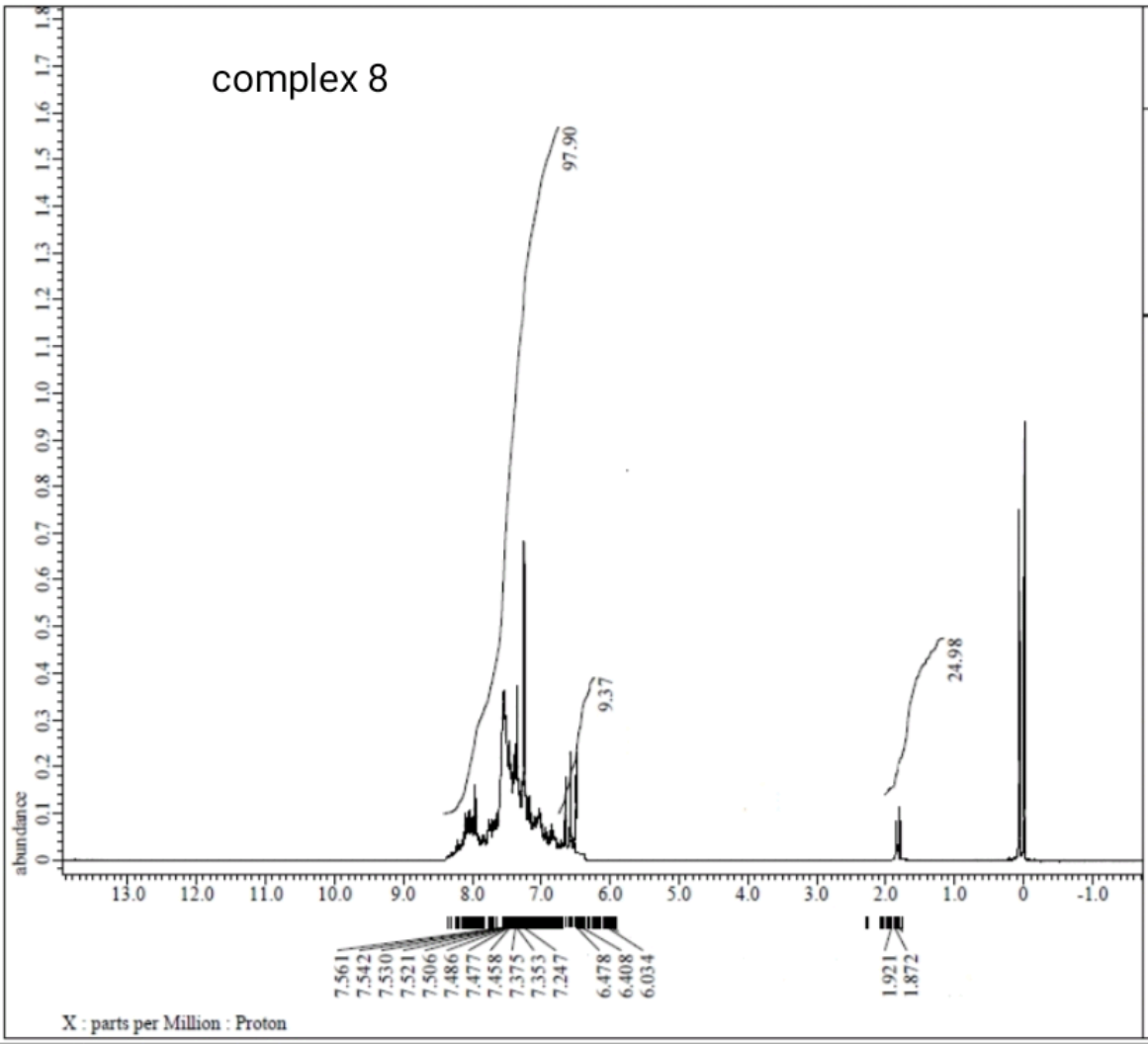


JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

Filename	= RU-2-ZBD_Proton_ft-1-2.
Author	= datum
Experiment	= proton.jxp
Sample_Id	= RU-2-ZBD
Solvent	= CHLOROFORM-D
Creation_Time	= 18-APR-2019 11:02:07
Revision_Time	= 18-APR-2019 10:43:52
Current_Time	= 18-APR-2019 10:44:24
Comment	= single_pulse
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 4.36731904[s]
X_Domain	= 1H
X_Freq	= 399.7821983[MHz]
X_Offset	= 5[ppm]
X_Points	= 32768
X_Prescans	= 1
X_Resolution	= 0.22897343[Hz]
X_Sweep	= 7.5030012[kHz]
X_Sweep_Clipped	= 6.00240096[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.7821983[MHz]
Irr_Offset	= 5[ppm]
Tri_Domain	= Proton
Tri_Freq	= 399.7821983[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 16
Total_Scans	= 16
Relaxation_Delay	= 2[s]
Recvr_Gain	= 32
Temp_Get	= 21.8[dC]
X_90_Width	= 11.75[us]
X_Acq_Time	= 4.36731904[s]
X_Angle	= 45[deg]
X_Atn	= 0.5[dB]
X_Pulse	= 5.875[us]
Irr_Mode	= Off
Tri_Mode	= Off

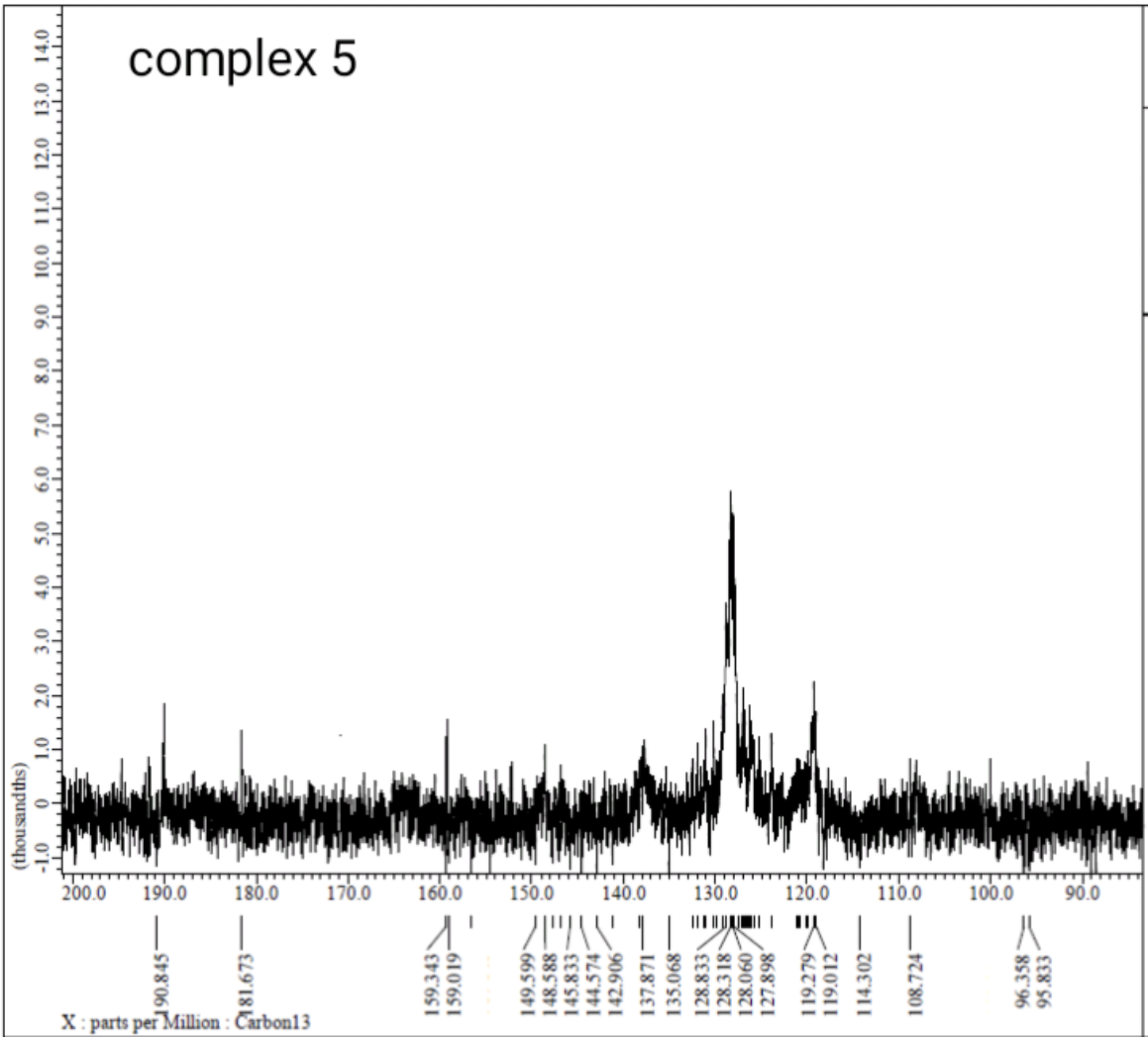
complex 8



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 0.2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

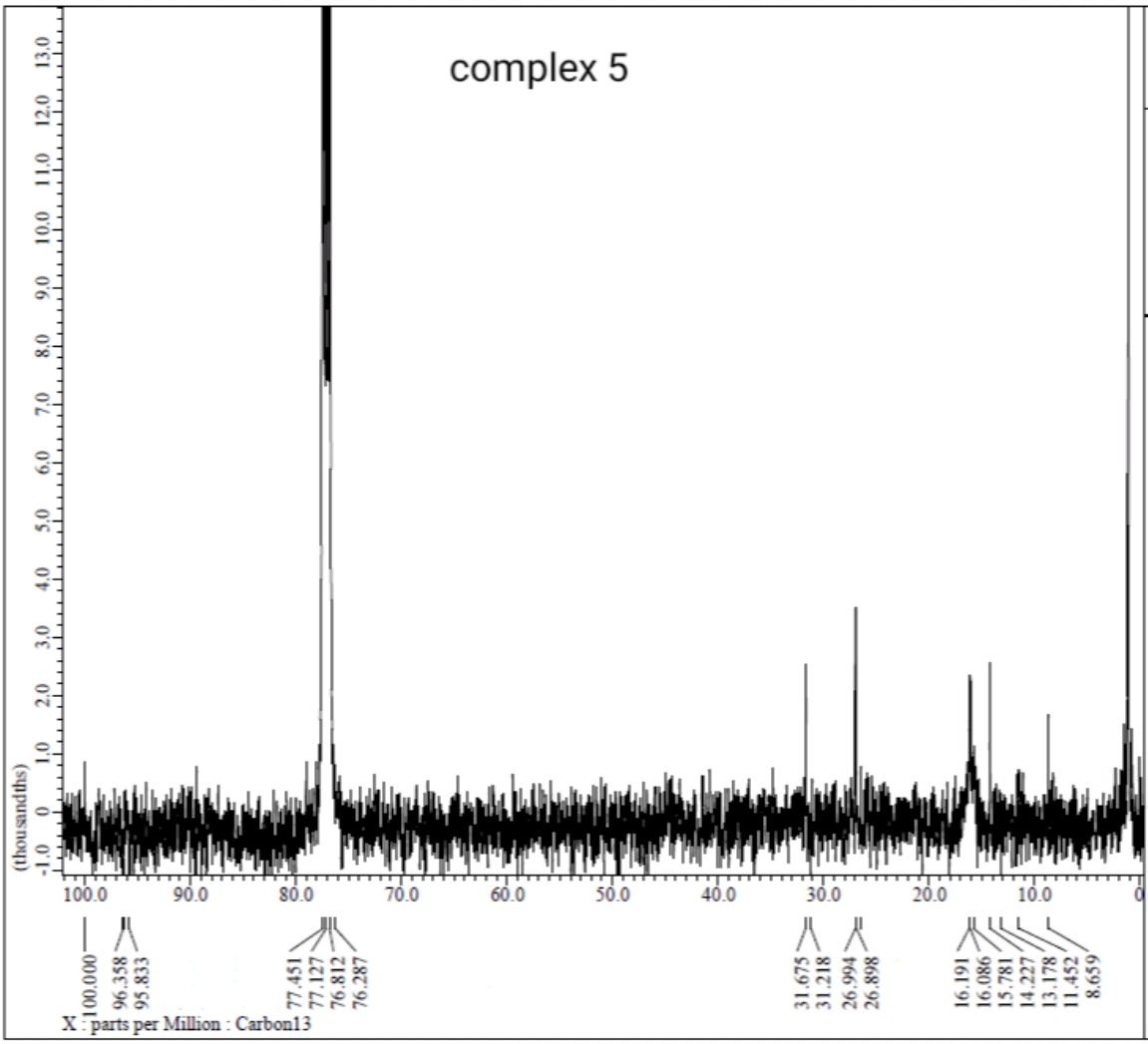
```
Filename          = RU-Z-1-CMDB_Proton_ft-2
Author            = datum
Experiment        = proton.jxp
Sample_Id         = RU-Z-1-CMDB
Solvent           = CHLOROFORM-D
Creation_Time     = 28-MAY-2019 13:57:14
Revision_Time     = 14-DEC-2021 11:51:21
Current_Time      = 14-DEC-2021 11:51:53

Comment           = single_pulse
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Proton
Dim_Units         = [ppm]
Dimensions        = X
Site              = JNM-ECS400
Spectrometer      = DELTA2_NMR

Field_Strength    = 9.389766[T] (400[MHz])
X_Acq_Duration    = 2.73154048[s]
X_Domain          = 1H
X_Freq            = 399.7821983[MHz]
X_Offset          = 8[ppm]
X_Points          = 32768
X_Prescans        = 1
X_Resolution      = 0.36609379[Hz]
X_Sweep           = 11.99616123[kHz]
X_Sweep_Clipped   = 9.59692898[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.7821983[MHz]
Irr_Offset        = 5[ppm]
Tri_Domain        = Proton
Tri_Freq          = 399.7821983[MHz]
Tri_Offset        = 5[ppm]
Clipped           = FALSE
Scans             = 16
Total_Scans       = 16

Relaxation_Delay  = 2[s]
Recvr_Gain        = 40
Temp_Get          = 20.5[dC]
X_90_Width        = 11.75[us]
X_Acq_Time        = 2.73154048[s]
X_Angle           = 45[deg]
X_Atn             = 0.5[dB]
X_Pulse           = 5.875[us]
Irr_Mode          = Off
Tri_Mode          = Off
```



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

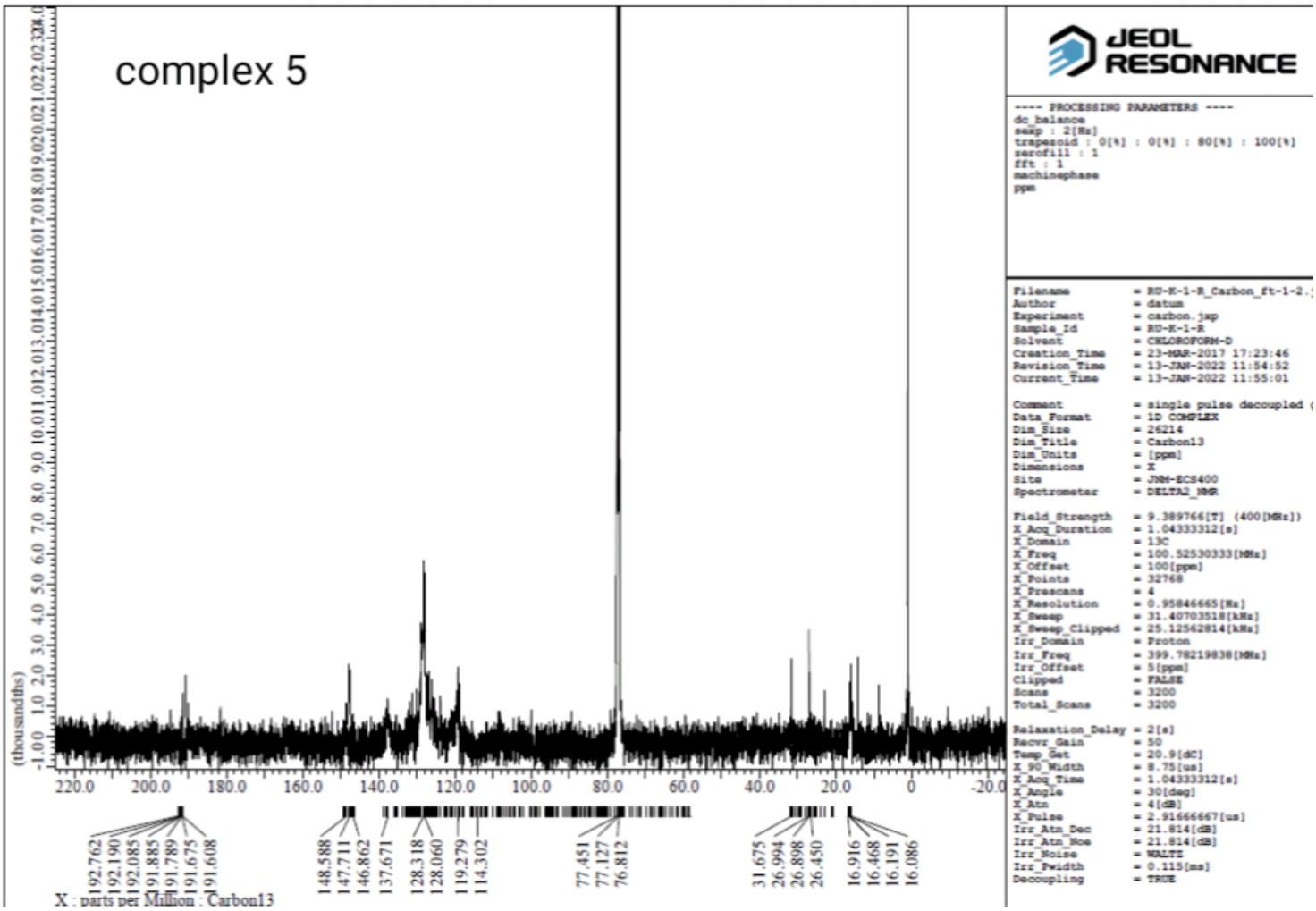
Filename	= RU-K-1-R_Carbon_ft-1-2.
Author	= datum
Experiment	= carbon.jxp
Sample_Id	= RU-K-1-R
Solvent	= CHLOROFORM-D
Creation_Time	= 23-MAR-2017 17:23:46
Revision_Time	= 21-DEC-2021 10:50:03
Current_Time	= 21-DEC-2021 10:50:48
Comment	= single pulse decoupled
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 1.04333312[s]
X_Domain	= 13C
X_Freq	= 100.52530333[MHz]
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.95846665[Hz]
X_Sweep	= 31.40703518[kHz]
X_Sweep_Clipped	= 25.12562814[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MHz]
Irr_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 3200
Total_Scans	= 3200
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 20.9[dC]
X_90_Width	= 8.75[us]
X_Acq_Time	= 1.04333312[s]
X_Angle	= 30[deg]
X_Atn	= 4[dB]
X_Pulse	= 2.91666667[us]
Irr_Atn_Dec	= 21.814[dB]
Irr_Atn_Noe	= 21.814[dB]
Irr_Noise	= WALTZ
Irr_Pwidth	= 0.115[ms]
Decoupling	= TRUE

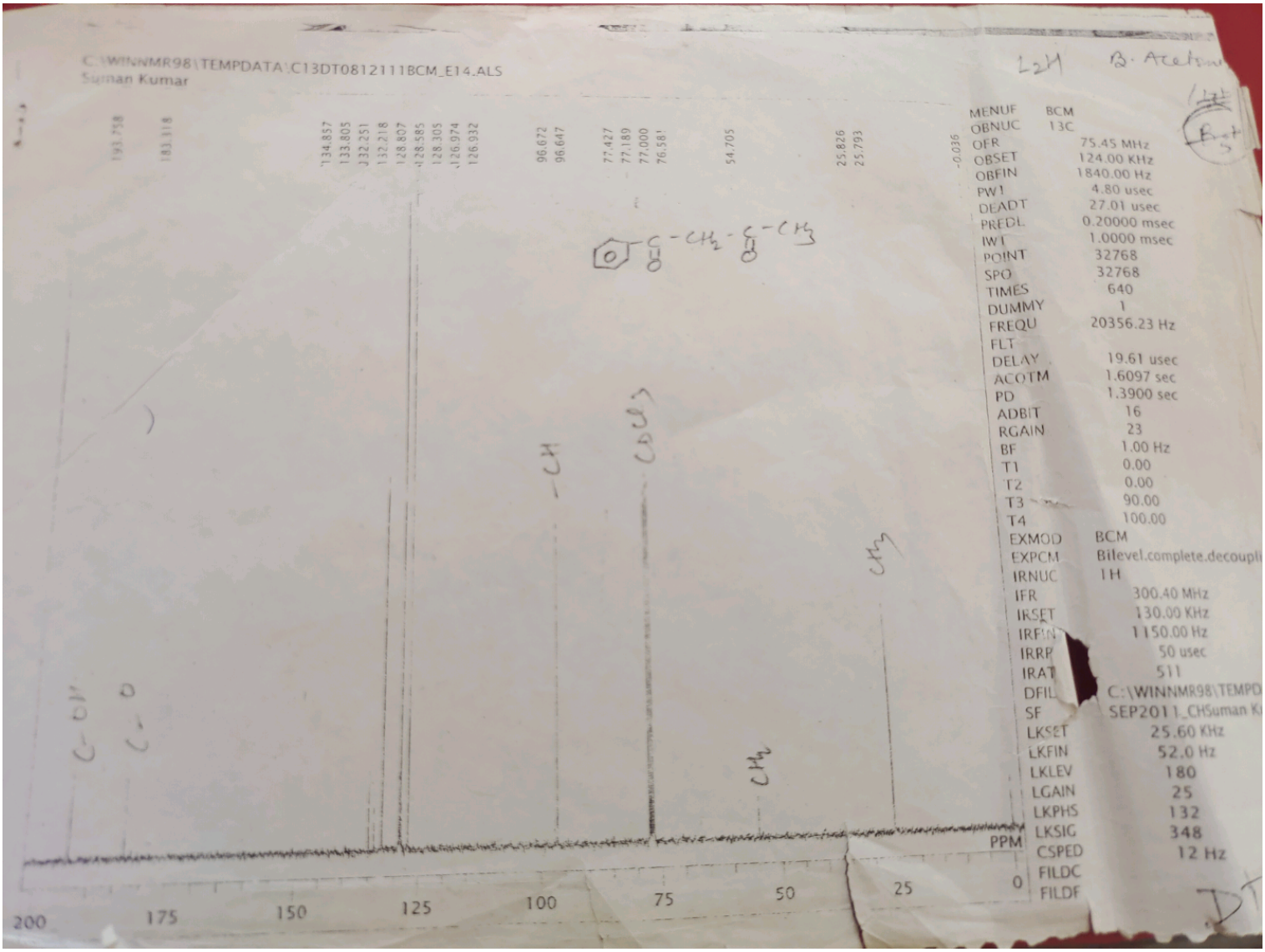


JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
```

Filename	= RU-K-1-R_Carbon_ft-1-2.
Author	= datum
Experiment	= carbon.jxp
Sample_Id	= RU-K-1-R
Solvent	= CHLOROFORM-D
Creation_Time	= 23-MAR-2017 17:23:46
Revision_Time	= 21-DEC-2021 10:50:03
Current_Time	= 21-DEC-2021 10:51:15
Comment	= single pulse decoupled
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 1.04333312[s]
X_Domain	= 13C
X_Freq	= 100.52530333[MHz]
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.95846665[Hz]
X_Sweep	= 31.40703518[kHz]
X_Sweep_Clipped	= 25.12562814[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MHz]
Irr_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 3200
Total_Scans	= 3200
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 20.9[dC]
X_90_Width	= 8.75[us]
X_Acq_Time	= 1.04333312[s]
X_Angle	= 30[deg]
X_Atn	= 4[dB]
X_Pulse	= 2.91666667[us]
Irr_Atn_Dec	= 21.814[dB]
Irr_Atn_Noe	= 21.814[dB]
Irr_Noise	= WALTZ
Irr_Pwidth	= 0.115[ms]
Decoupling	= TRUE


complex 5
JEOL RESONANCE
---- PROCESSING PARAMETERS ----
dc_balance
sexp : 2[Hz]
trapezoid : 0[%] : 0[%] : 80[%] : 100[%]
zerofill : 1
fft : 1
machinephase
ppm
Filename = RU-K-1-R_Carbon_ft-1-2.
Author = datum
Experiment = carbon.jxp
Sample_Id = RU-K-1-R
Solvent = CHLOROFORM-D
Creation_Time = 23-MAR-2017 17:23:46
Revision_Time = 13-JAN-2022 11:54:52
Current_Time = 13-JAN-2022 11:55:01
Comment = single pulse decoupled
Data_Format = 1D COMPLEX
Dim_Size = 26214
Dim_Title = Carbon13
Dim_Units = [ppm]
Dimensions = X
Site = JNM-ECS400
Spectrometer = DELTA2_NMR
Field_Strength = 9.389766[T] (400[MHz])
X_Acq_Duration = 1.04333312[s]
X_Domain = 13C
X_Freq = 100.52530333[MHz]
X_Offset = 100[ppm]
X_Points = 32768
X_Prescans = 4
X_Resolution = 0.95846665[Hz]
X_Sweep = 31.40703518[kHz]
X_Sweep_Clipped = 25.12562814[kHz]
Irr_Domain = Proton
Irr_Freq = 399.78219838[MHz]
Irr_Offset = 5[ppm]
Clipped = FALSE
Scans = 3200
Total_Scans = 3200
Relaxation_Delay = 2[s]
Recvr_Gain = 50
Temp_Get = 20.9[dC]
X_90_Width = 8.75[us]
X_Acq_Time = 1.04333312[s]
X_Angle = 30[deg]
X_Atn = 4[dB]
X_Pulse = 2.91666667[us]
Irr_Atn_Dec = 21.814[dB]
Irr_Atn_Noe = 21.814[dB]
Irr_Noise = WALTZ
Irr_Pwidth = 0.115[ms]
Decoupling = TRUE
(thousandths)
220.0
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0
-20.0
192.762
192.190
192.085
191.885
191.789
191.675
191.608
148.588
147.711
146.862
137.671
128.318
128.060
119.279
114.302
77.451
77.127
76.812
31.675
26.994
26.898
26.450
16.916
16.468
16.191
16.086
X : parts per Million : Carbon13


C:\WINNMR98\TEMPDATA\C13DT0812111BCM_E14.ALS
Suman Kumar
193.798
183.118
134.857
133.805
132.251
132.218
128.807
128.585
128.305
126.974
126.932
96.672
96.647
77.427
77.189
77.000
76.581
54.705
25.826
25.793
-0.036
MENUF BCM
OBNUC 13C
OFR 75.45 MHz
OBSET 124.00 KHz
OBFIN 1840.00 Hz
PW1 4.80 usec
DEADT 27.01 usec
PREDL 0.20000 msec
IWT 1.0000 msec
POINT 32768
SPO 32768
TIMES 640
DUMMY 1
FREQU 20356.23 Hz
FLT
DELAY 19.61 usec
ACQTM 1.6097 sec
PD 1.3900 sec
ADBIT 16
RGAIN 23
BF 1.00 Hz
T1 0.00
T2 0.00
T3 90.00
T4 100.00
EXMOD BCM
EXPCM Bilevel.complete.decoupli
IRNUC 1H
IFR 300.40 MHz
IRSET 130.00 KHz
IRFIN 1150.00 Hz
IRRP 50 usec
IRAT 511
DFIL C:\WINNMR98\TEMPD
SF SEP2011_CHSuman K
LKSET 25.60 KHz
LKFIN 52.0 Hz
LKLEV 180
LGAIN 25
LKPHS 132
LKSIG 348
CSPED 12 Hz
FILDC
FILDF
PPM
200
175
150
125
100
75
50
25
0