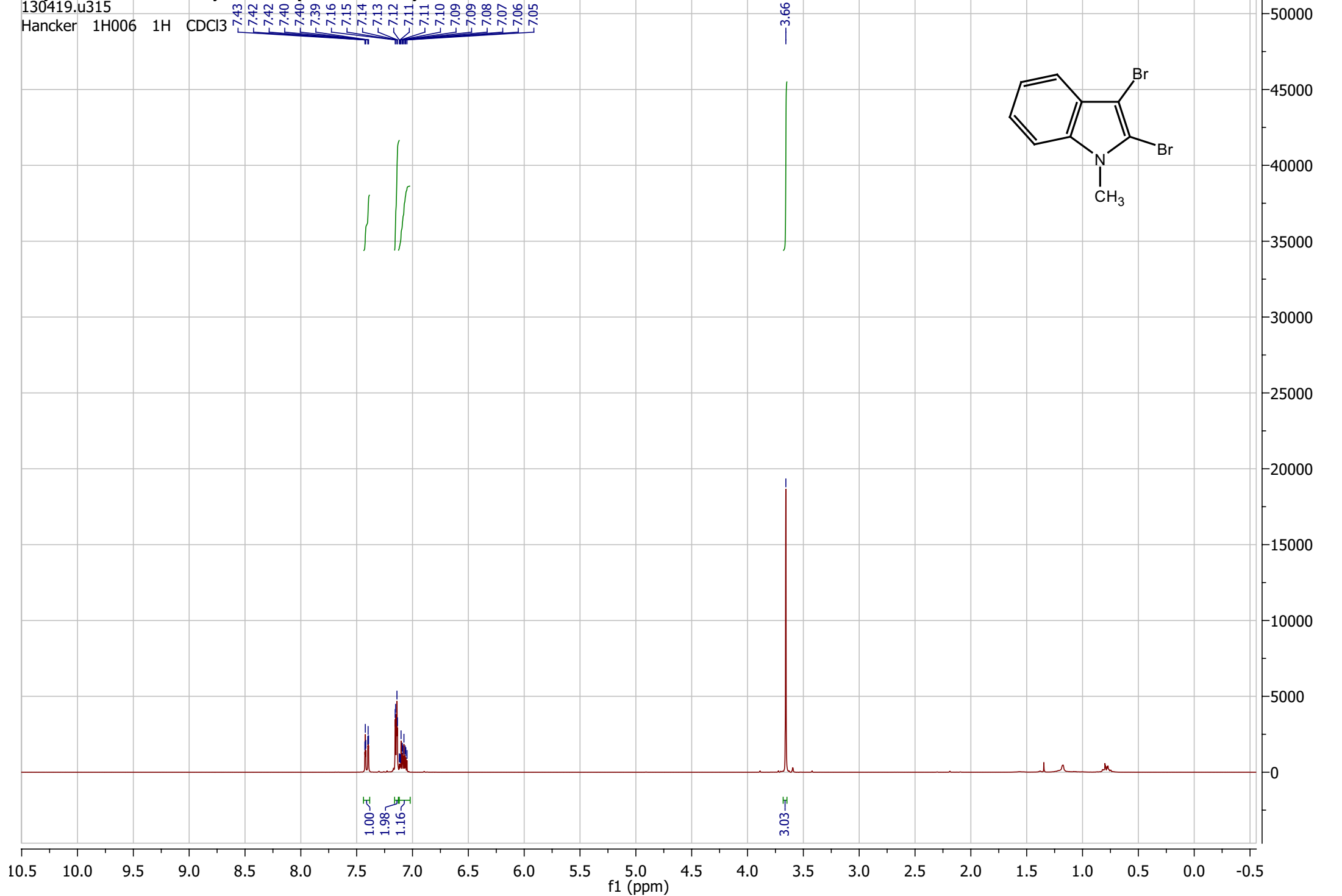




130419.u315
Hancker 1H006 13C CDCl3

136.34

126.96

122.91

120.81

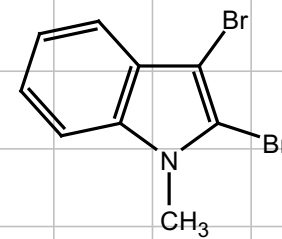
118.86

114.90

109.63

92.68

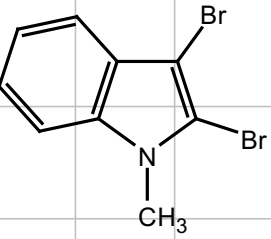
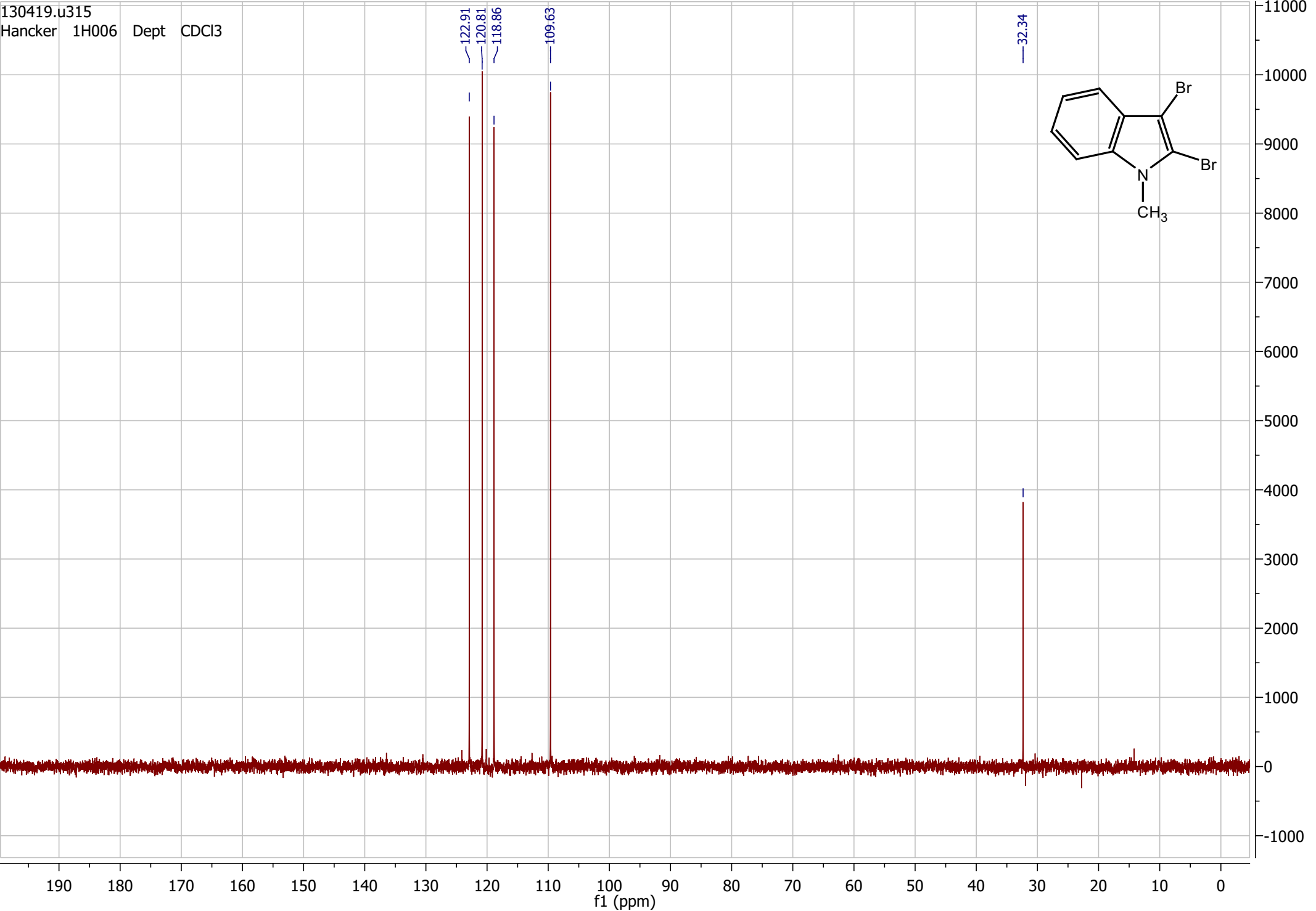
32.34

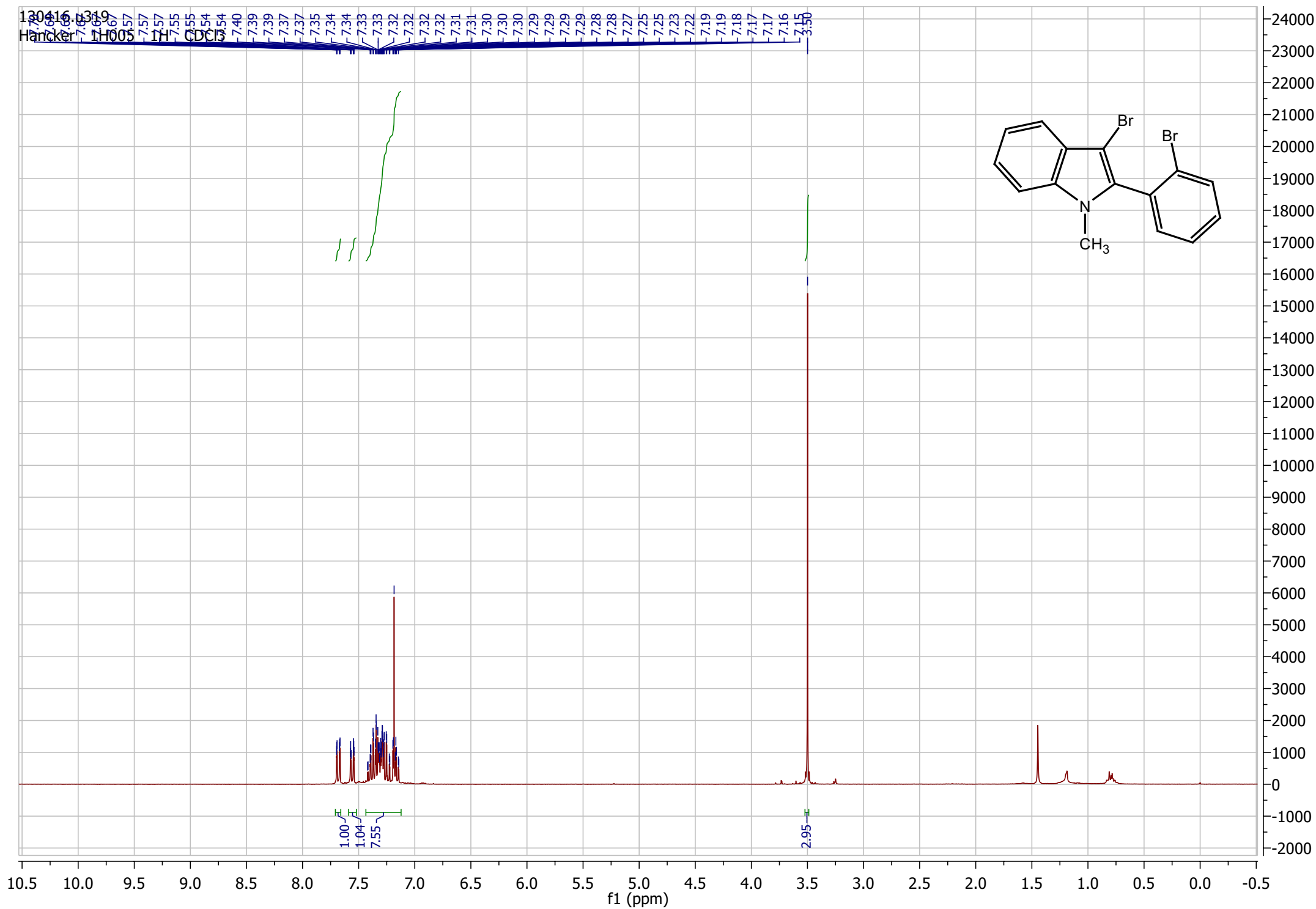


200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

f1 (ppm)

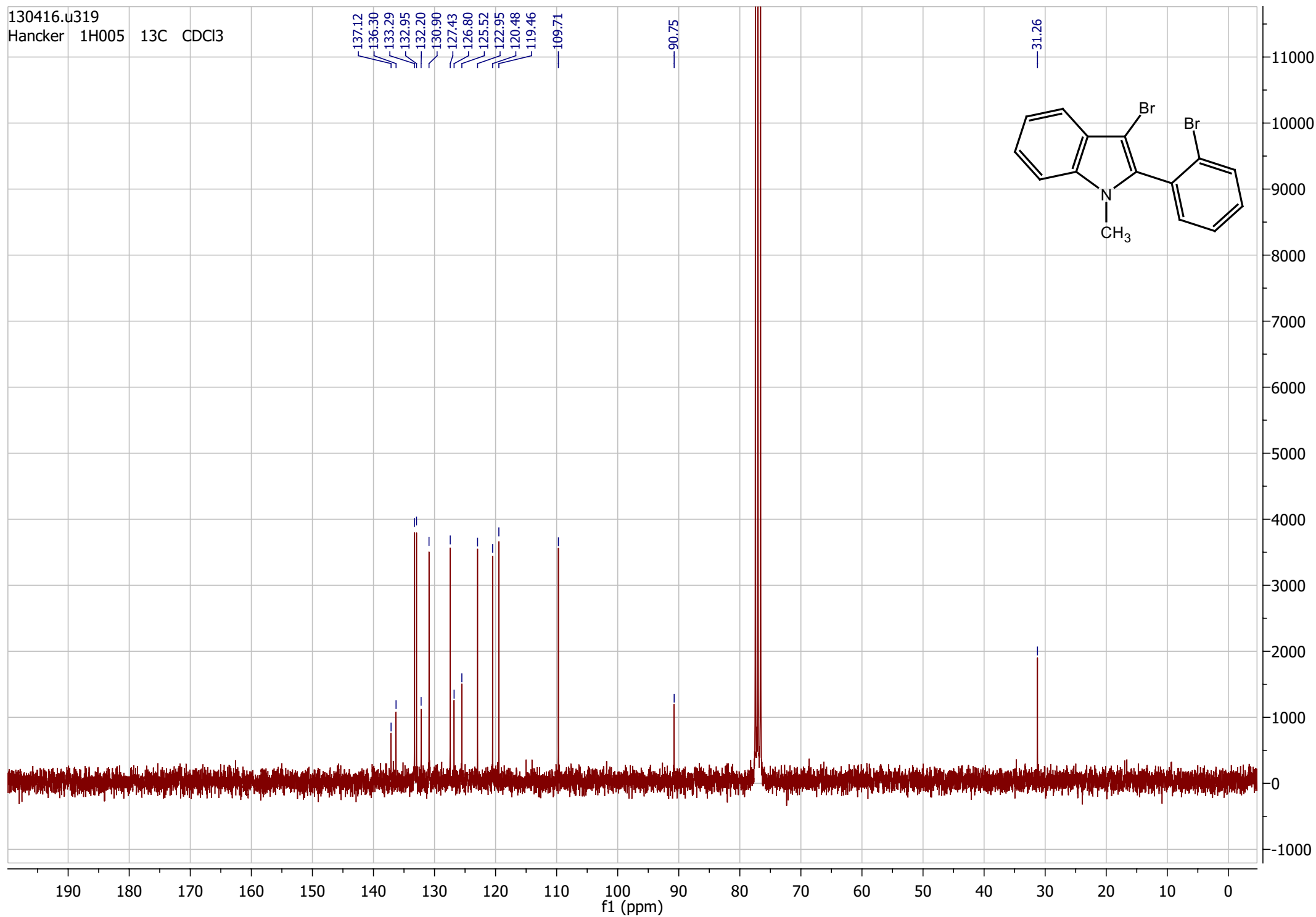
130419.u315
Hancker 1H006 Dept CDCl3

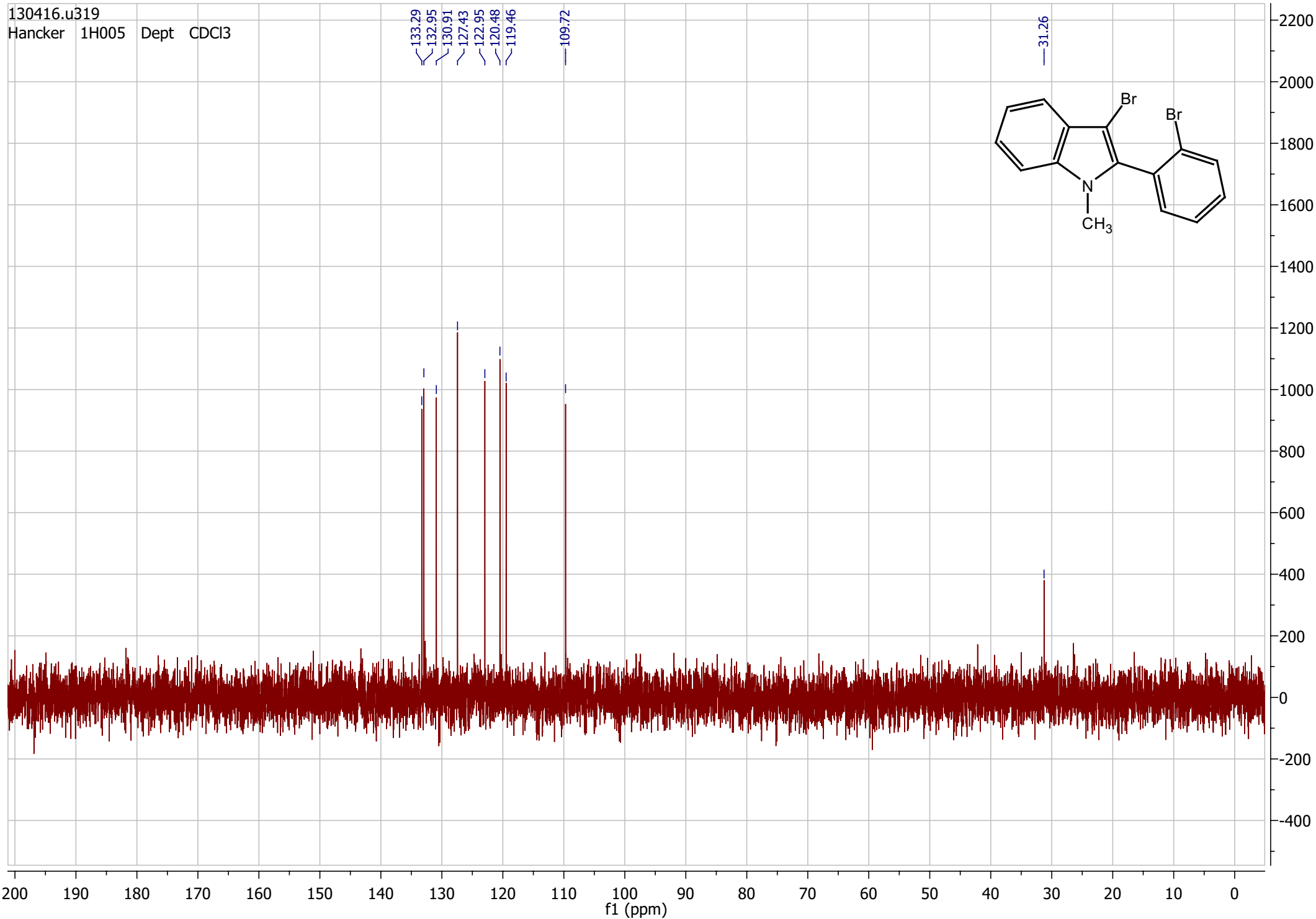


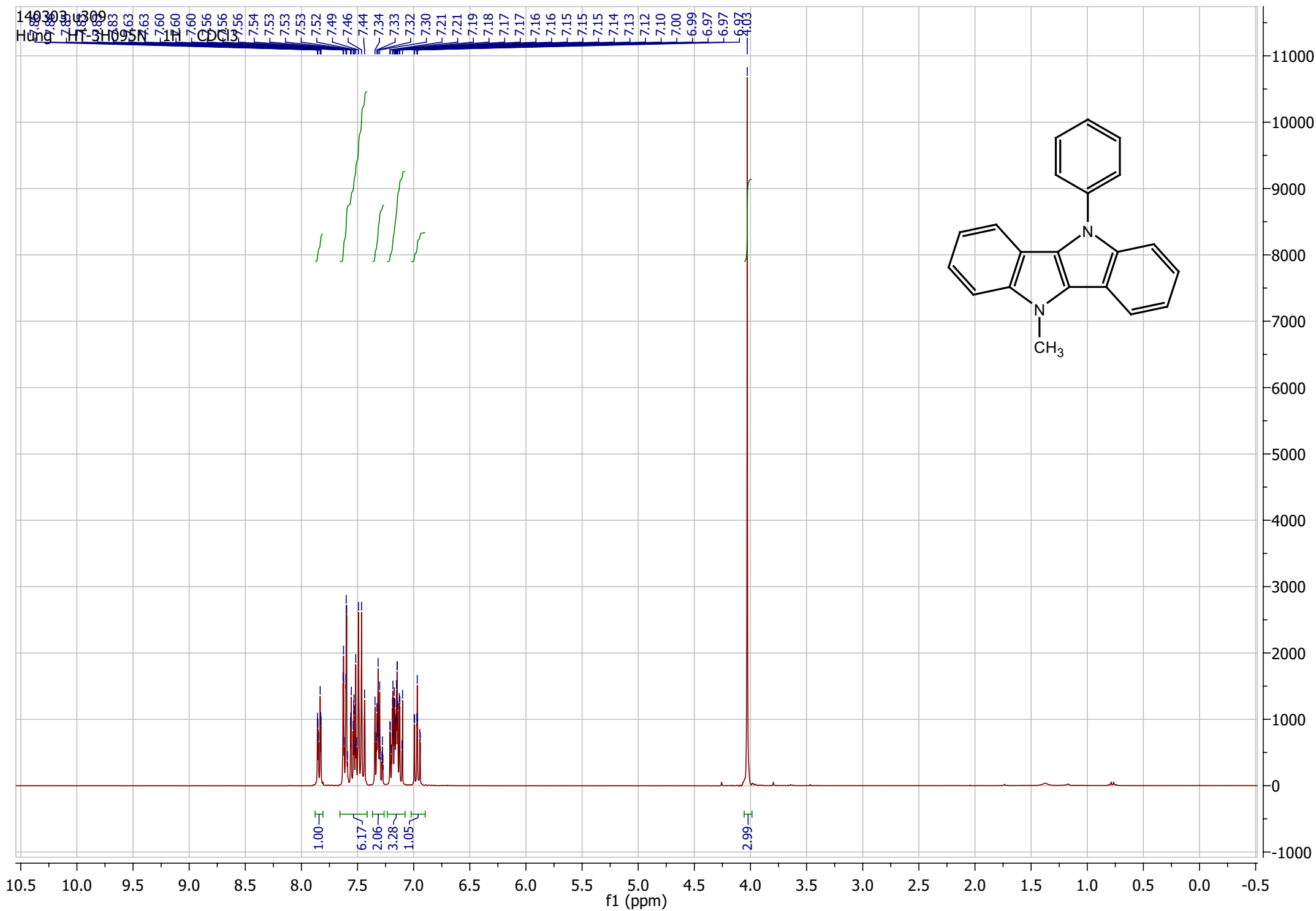


130416.u319

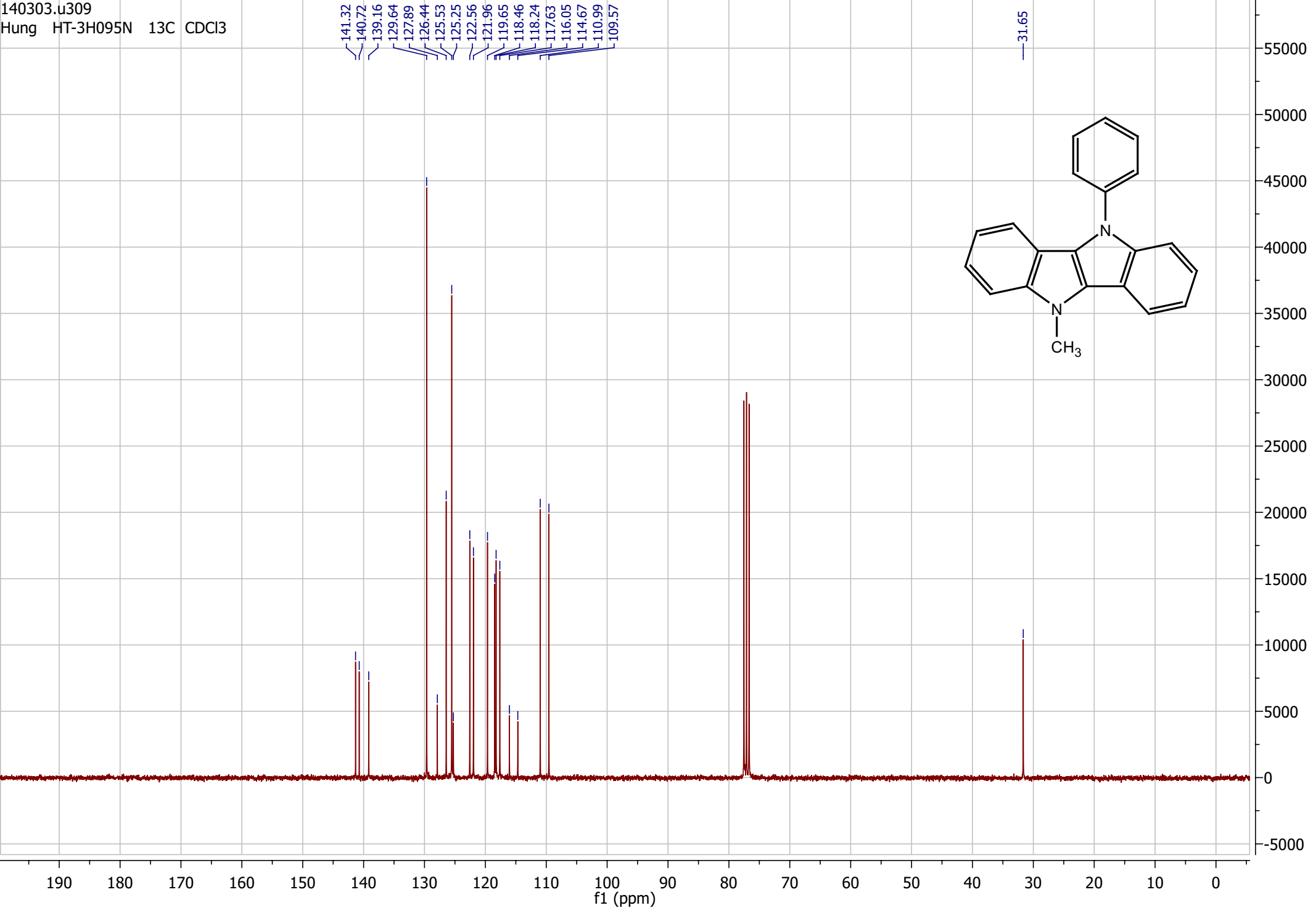
Hancker 1H005 13C CDCl3



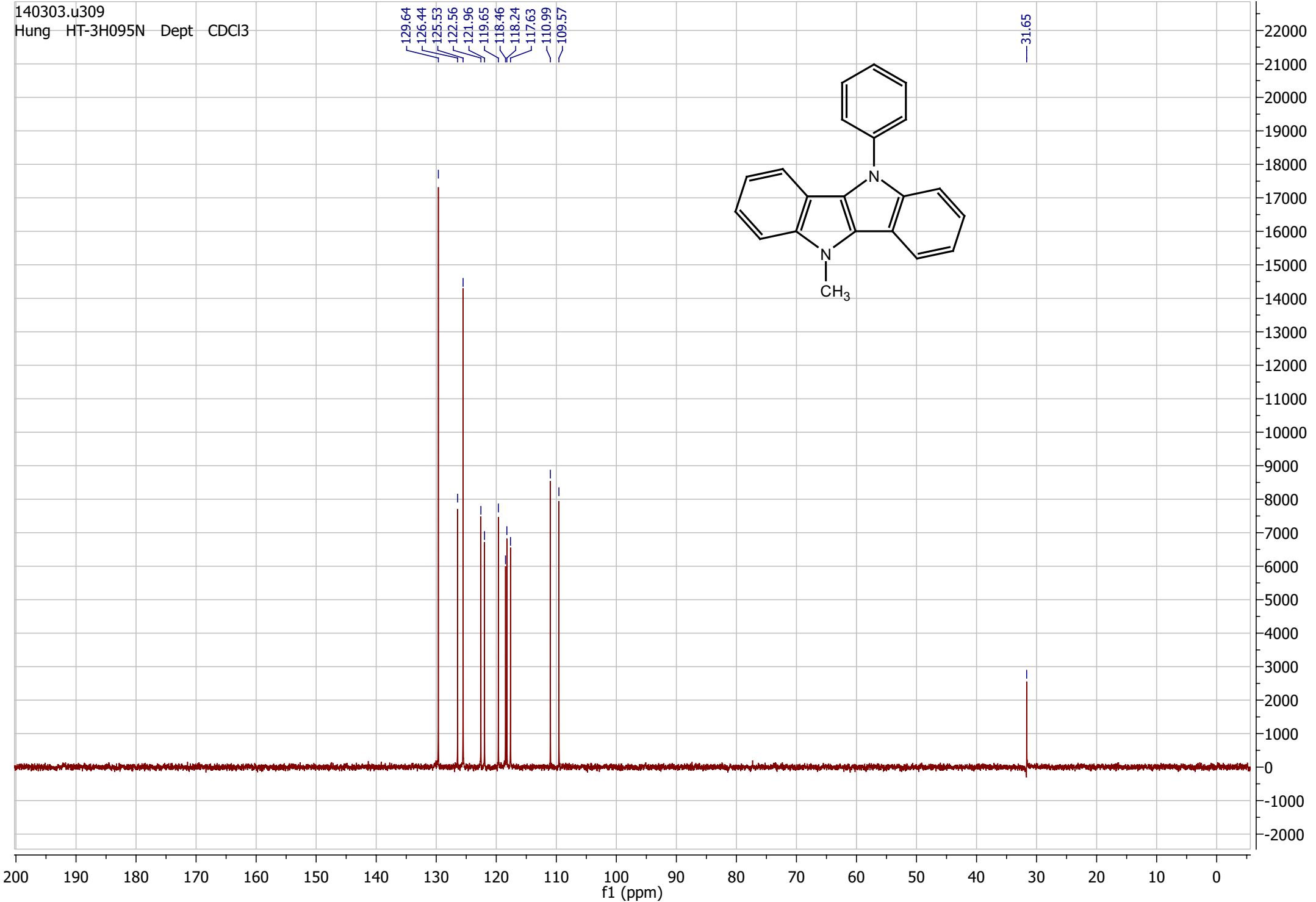
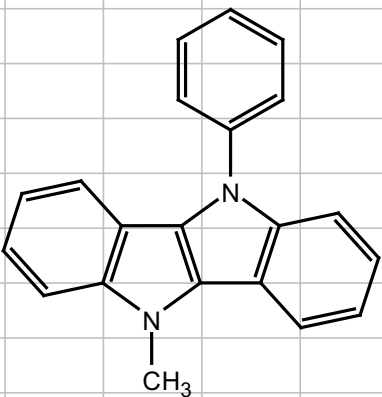


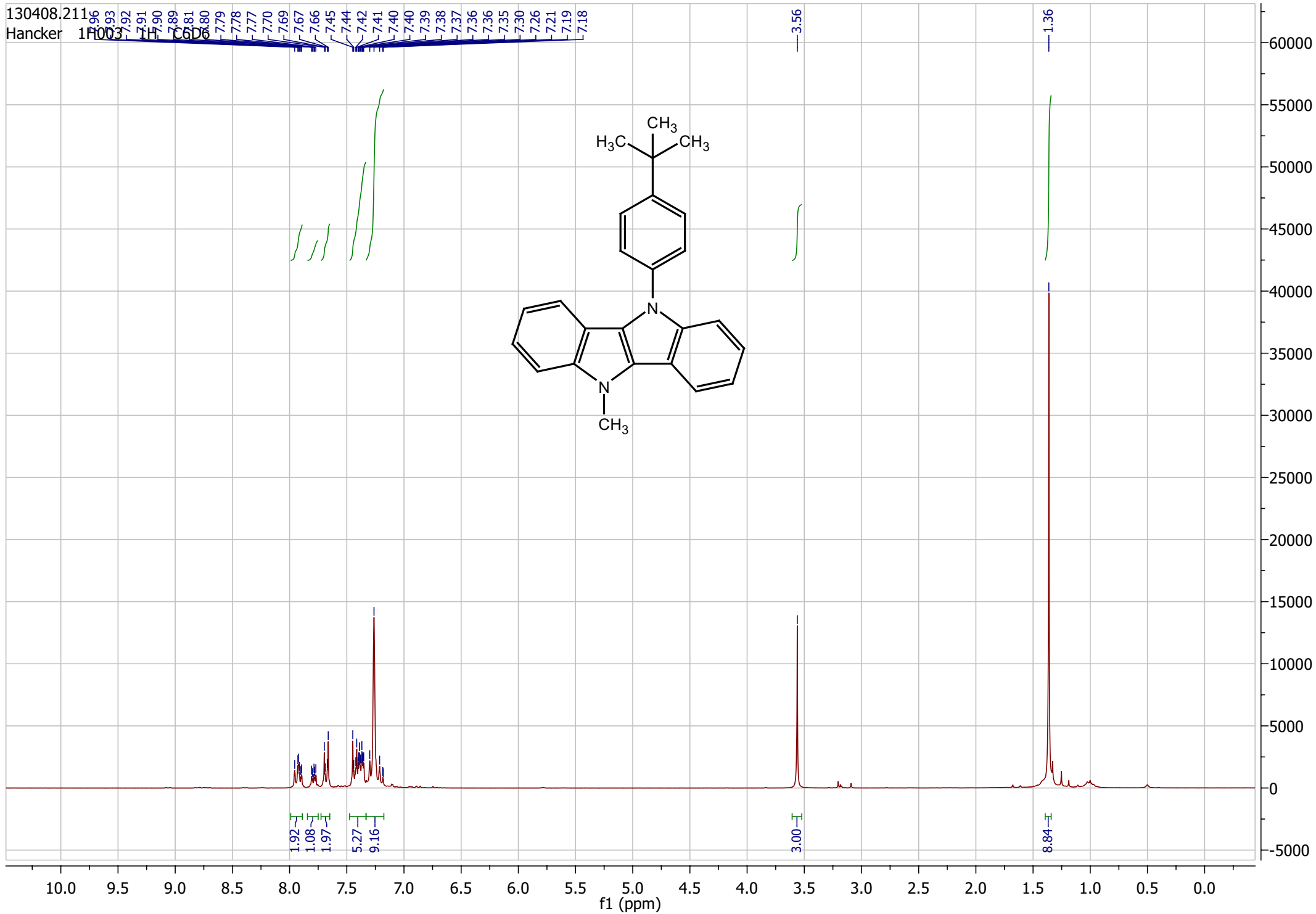


140303.u309
Hung HT-3H095N 13C CDCl3



140303.u309
Hung HT-3H095N Dept CDCl3

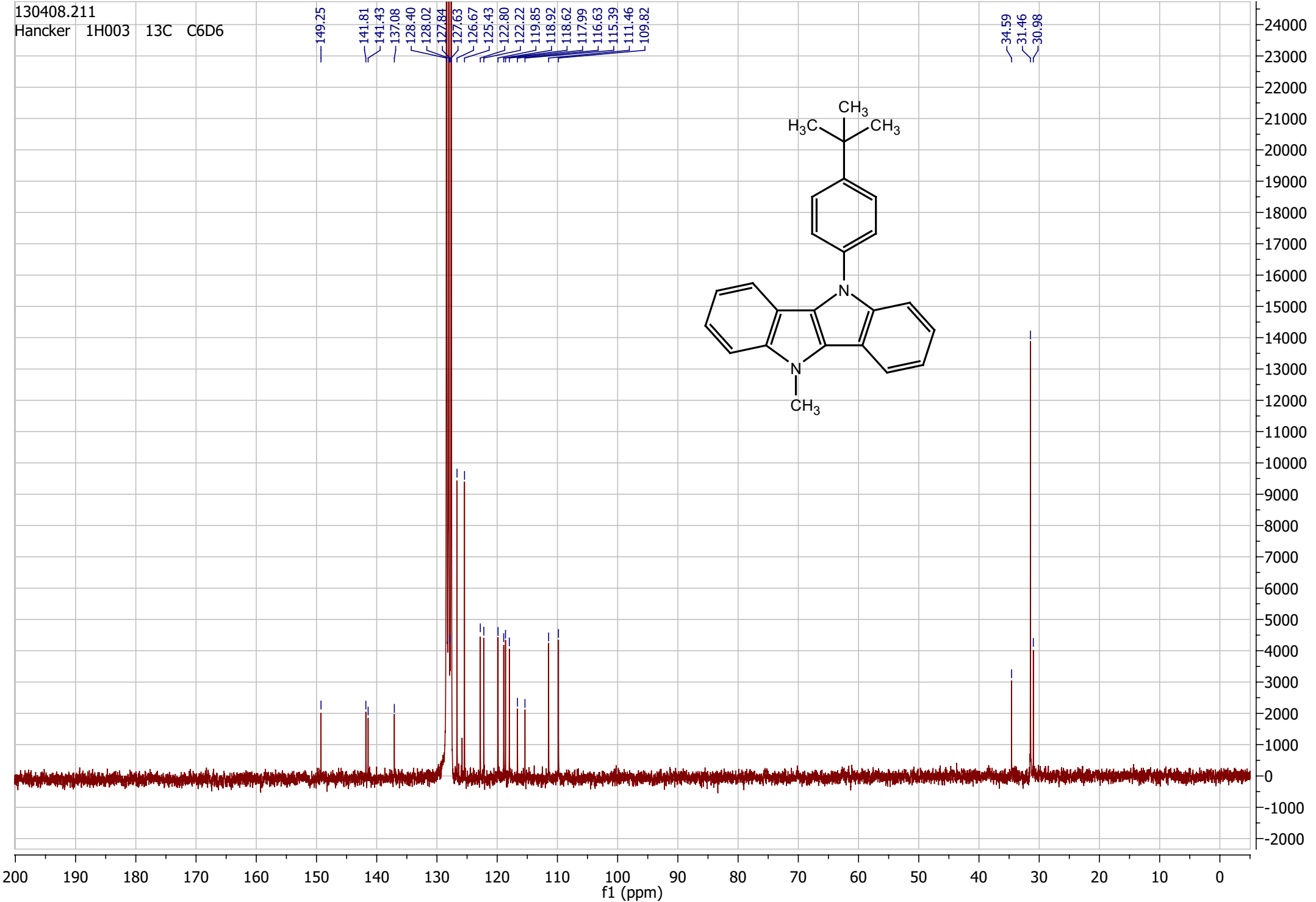
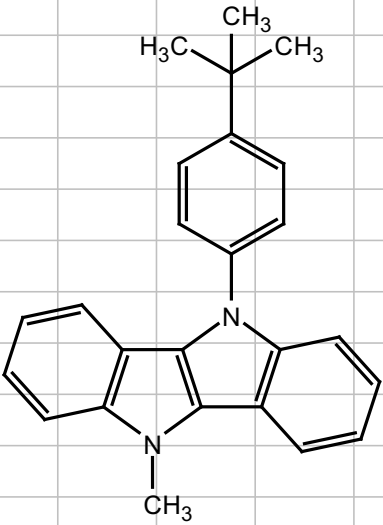




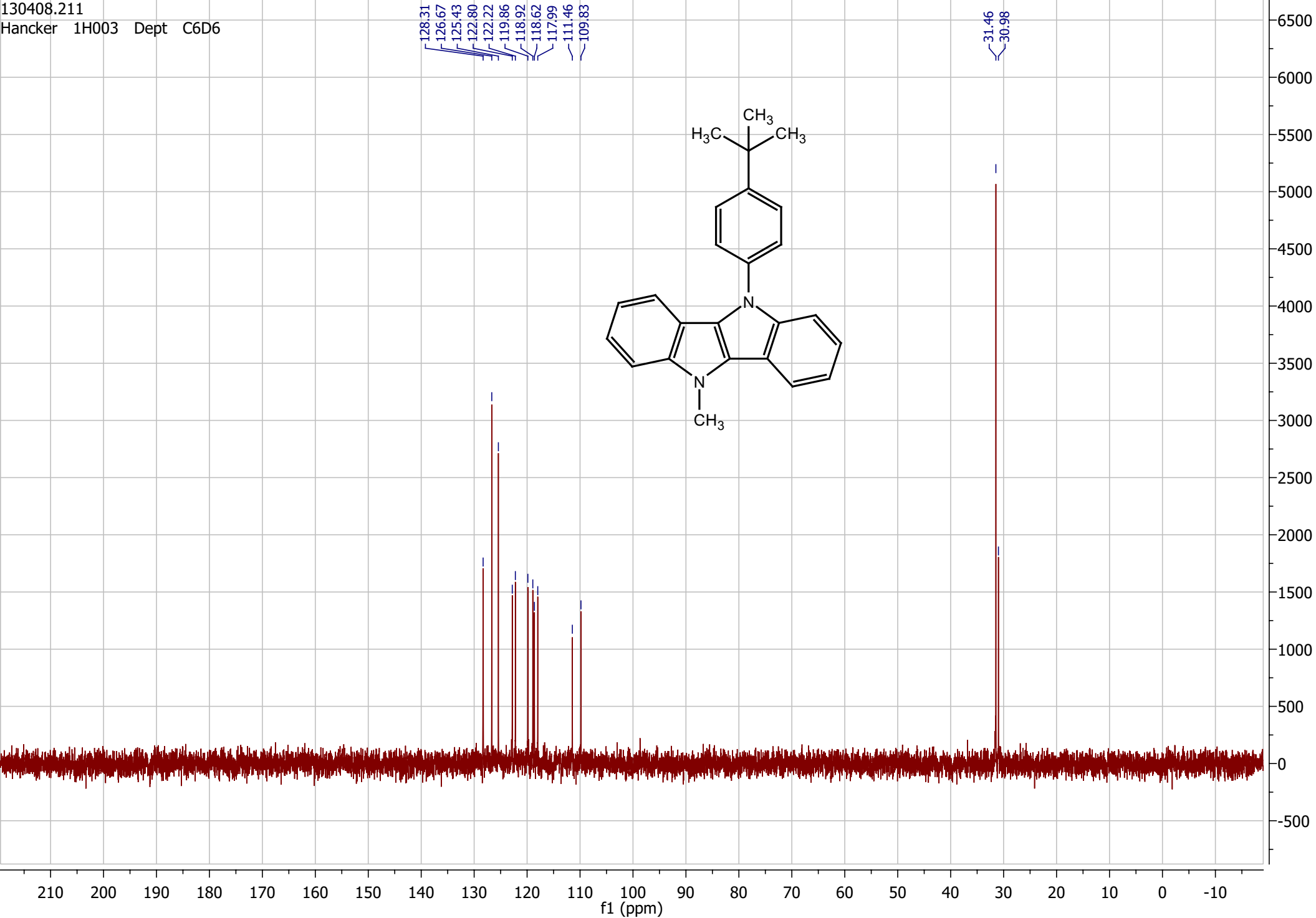
130408.211
Hancker 1H003 13C C6D6

149.25
141.81
141.43
137.08
128.40
128.02
127.84
127.63
126.67
125.43
122.80
122.22
119.85
118.92
118.62
117.99
116.63
115.39
111.46
109.82

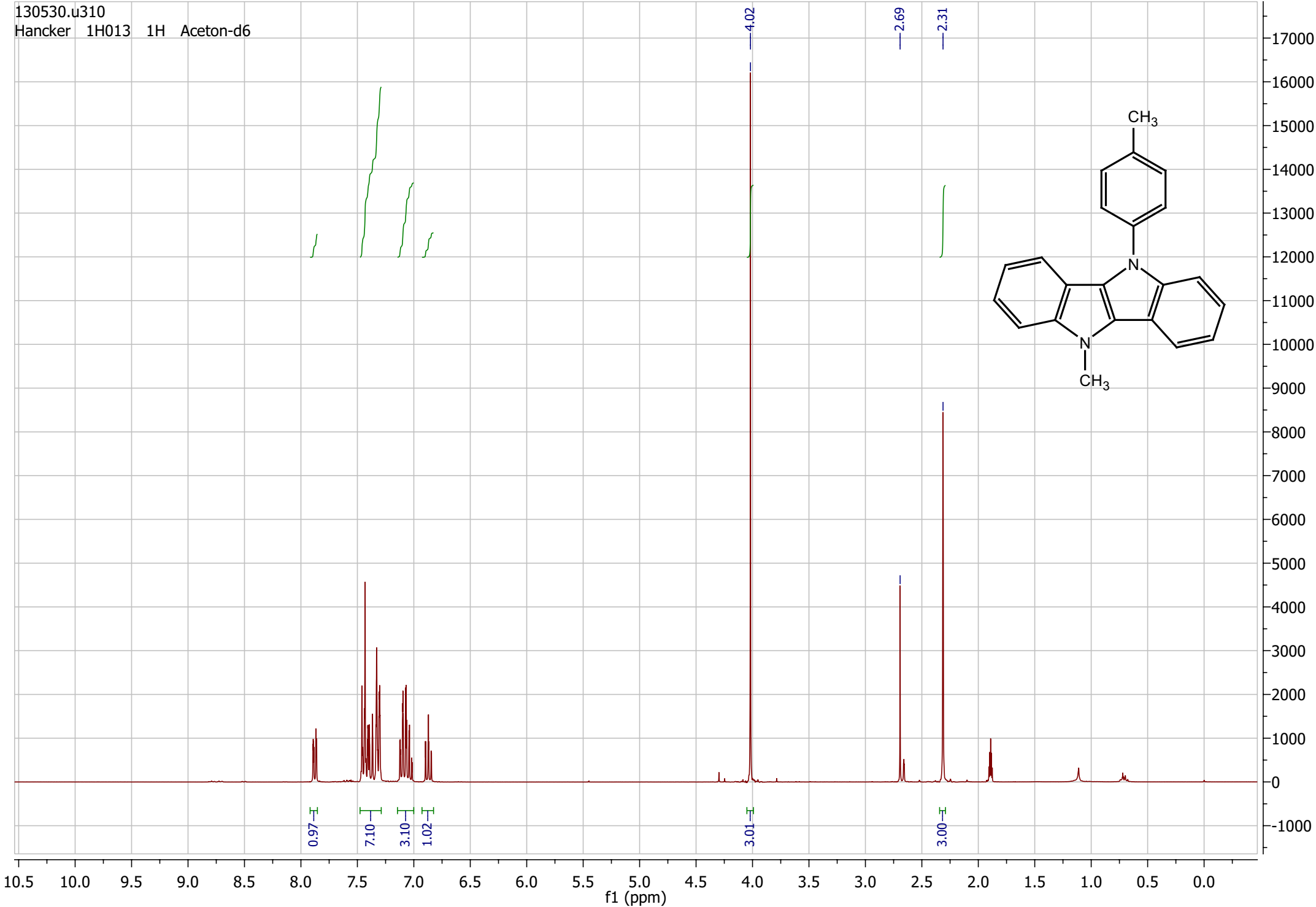
34.59
31.46
30.98



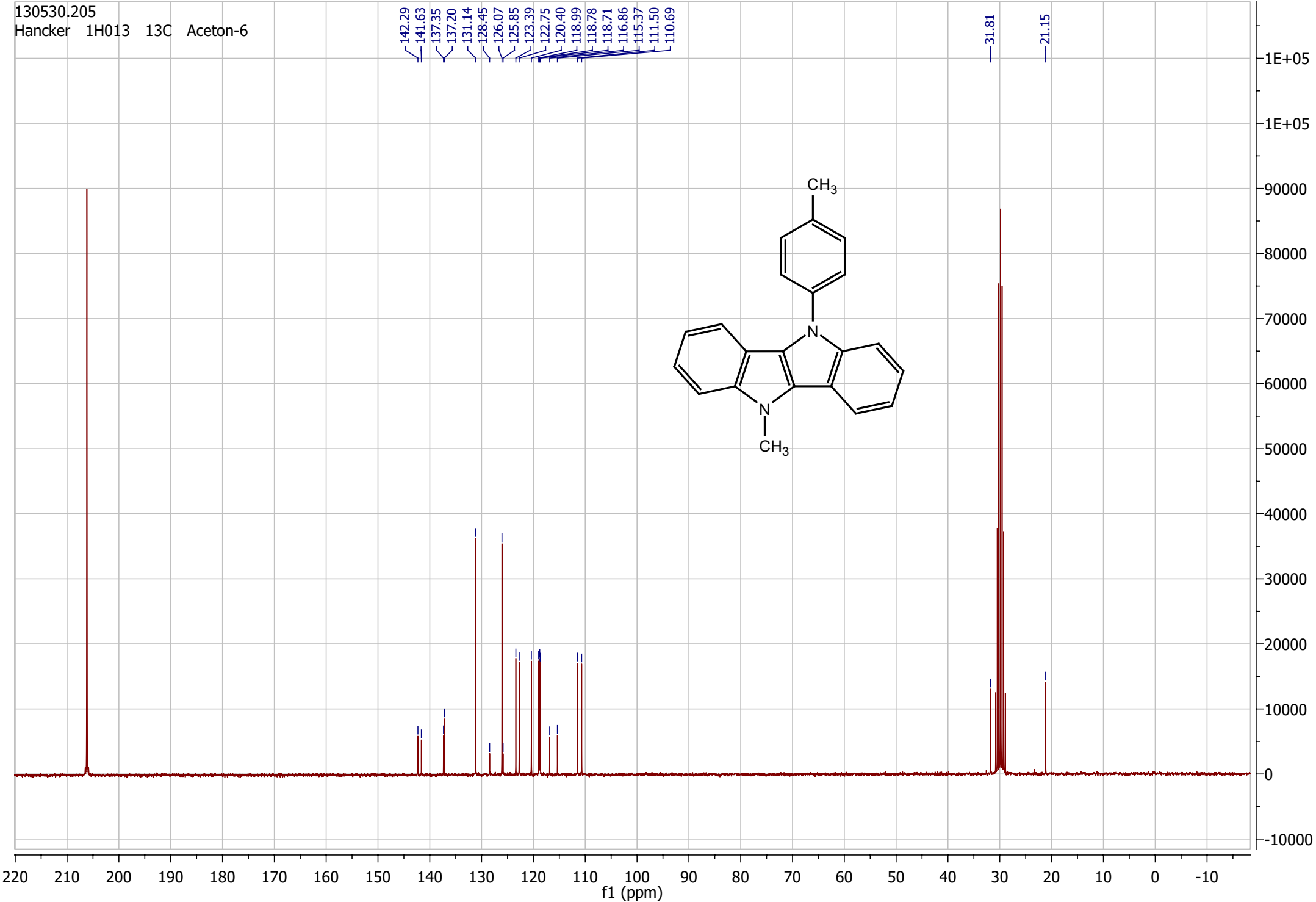
130408.211
Hancker 1H003 Dept C6D6



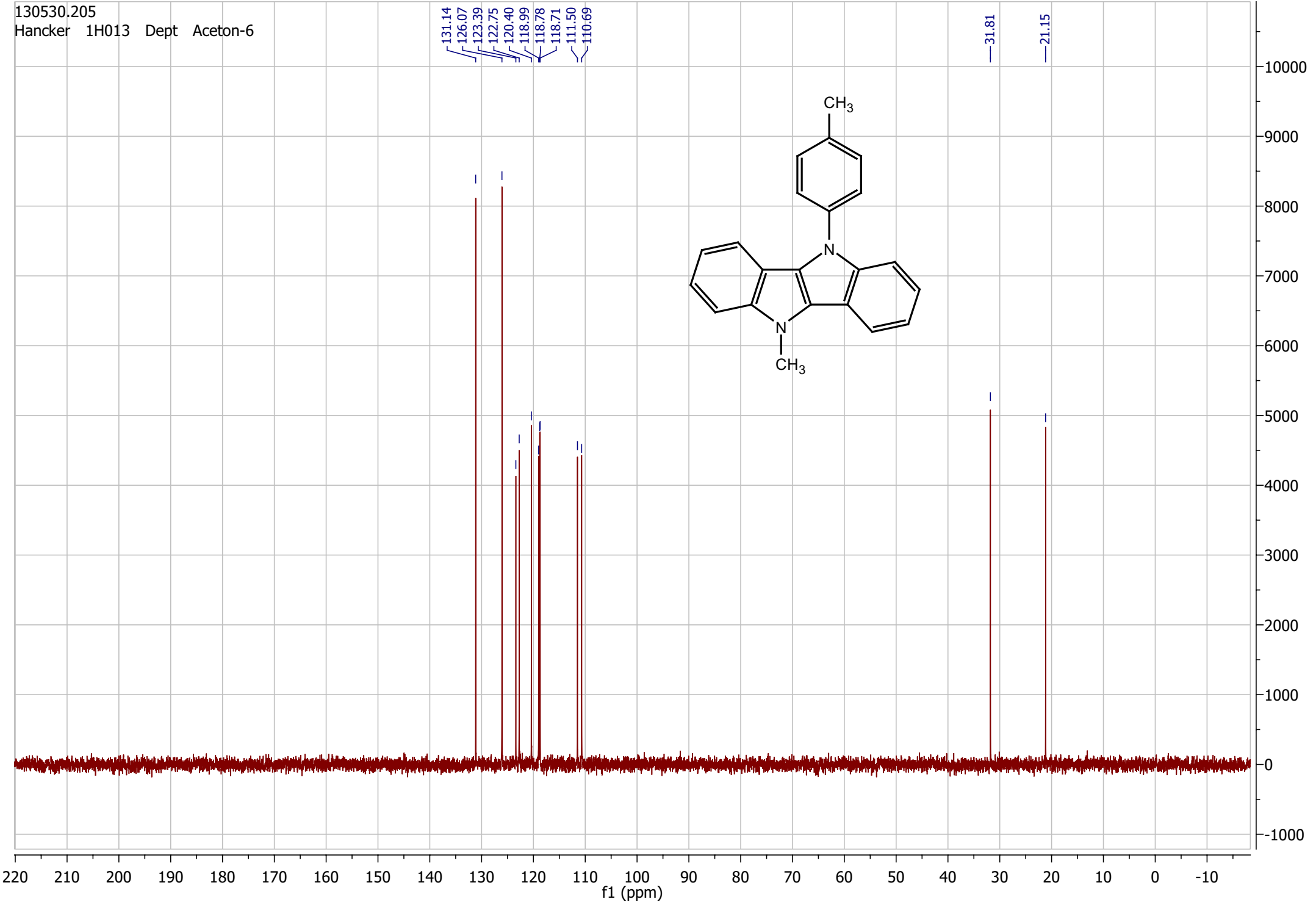
130530.u310
Hancker 1H013 1H Aceton-d6

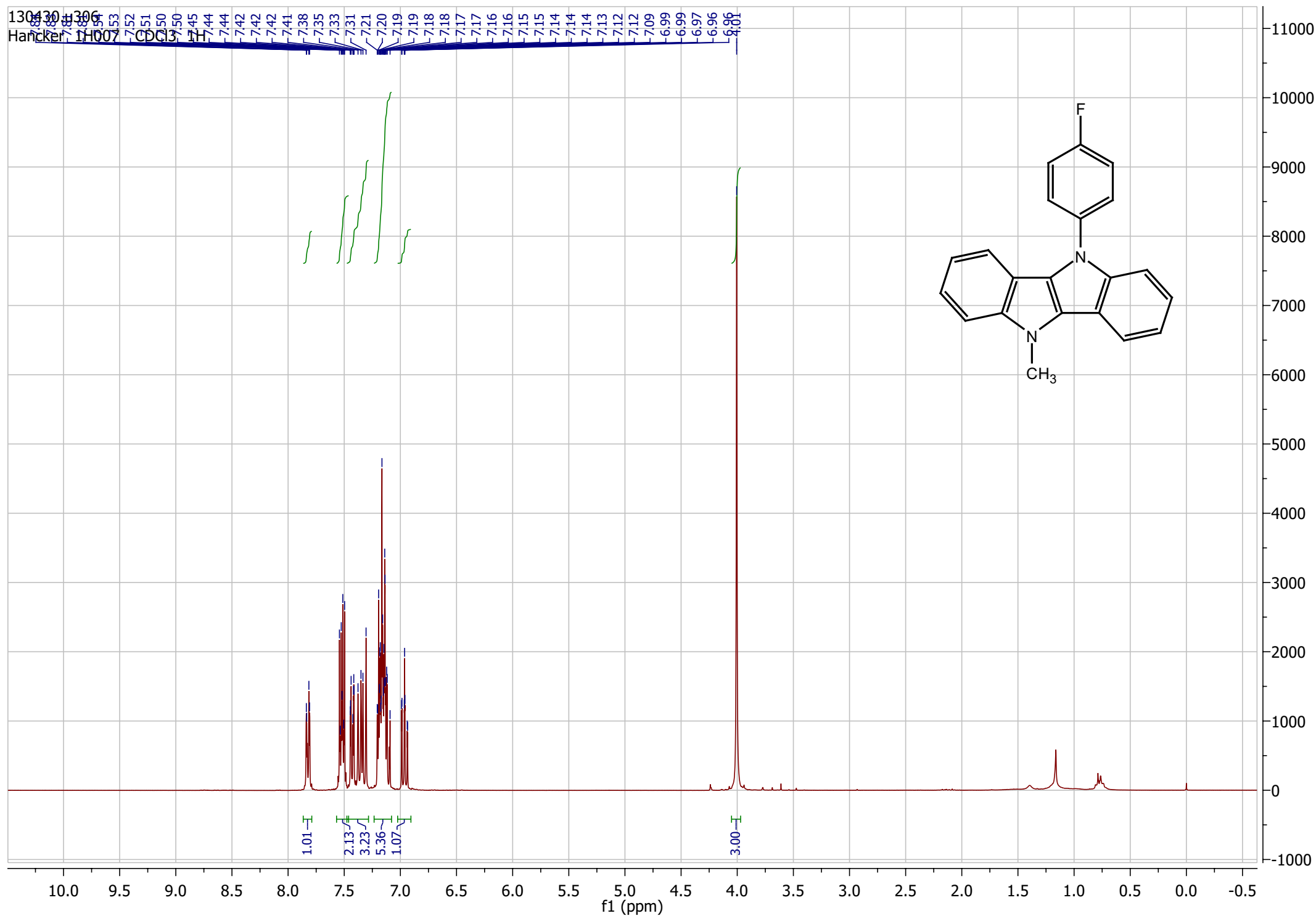


130530.205
Hancker 1H013 13C Aceton-6

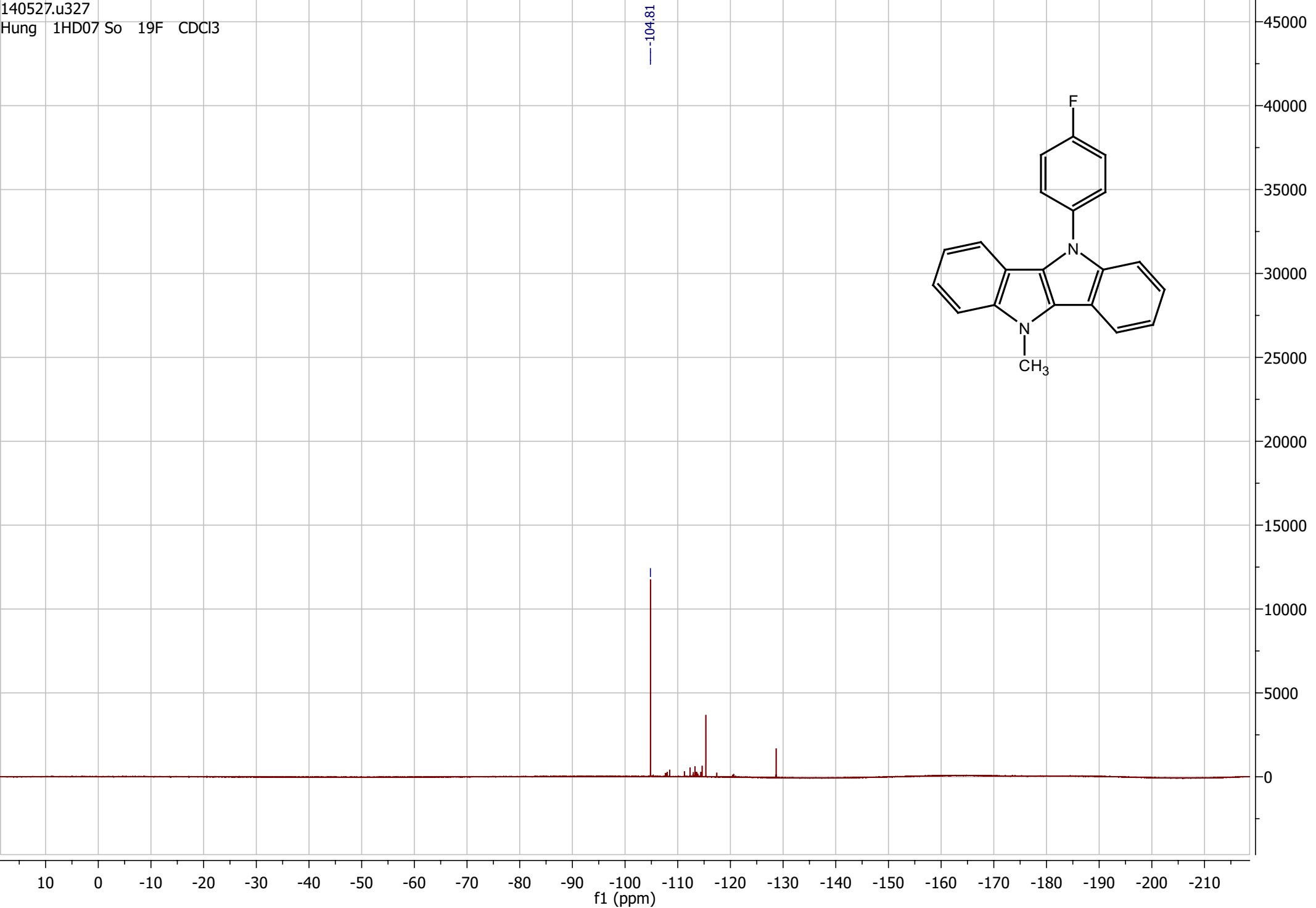


130530.205
Hancker 1H013 Dept Aceton-6

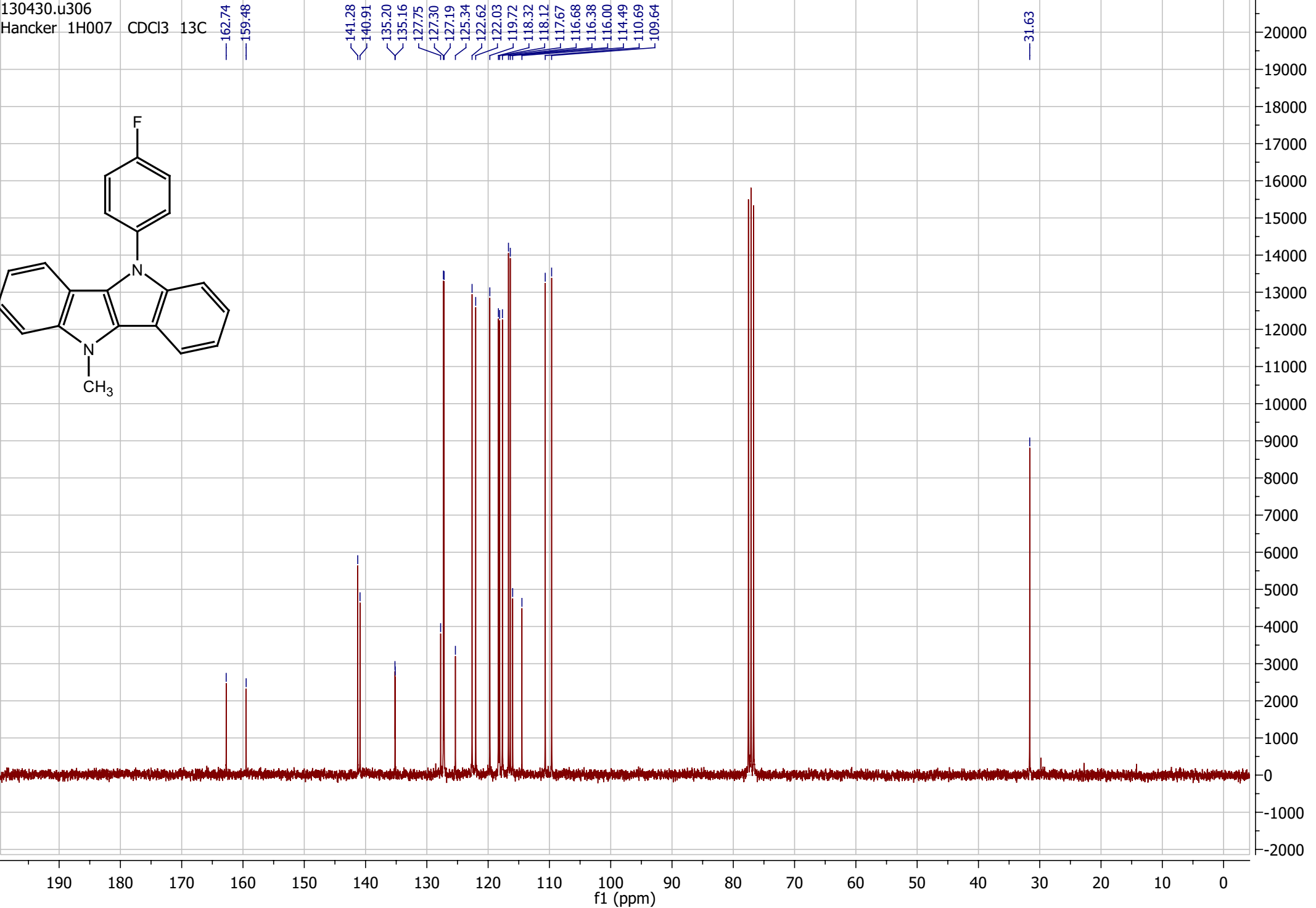
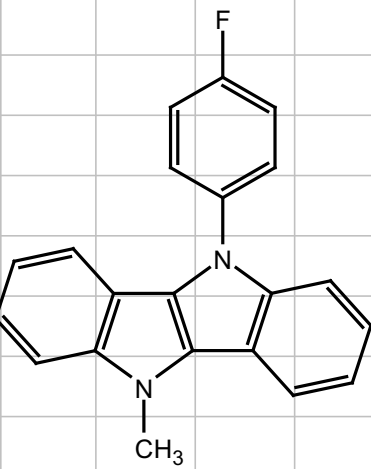




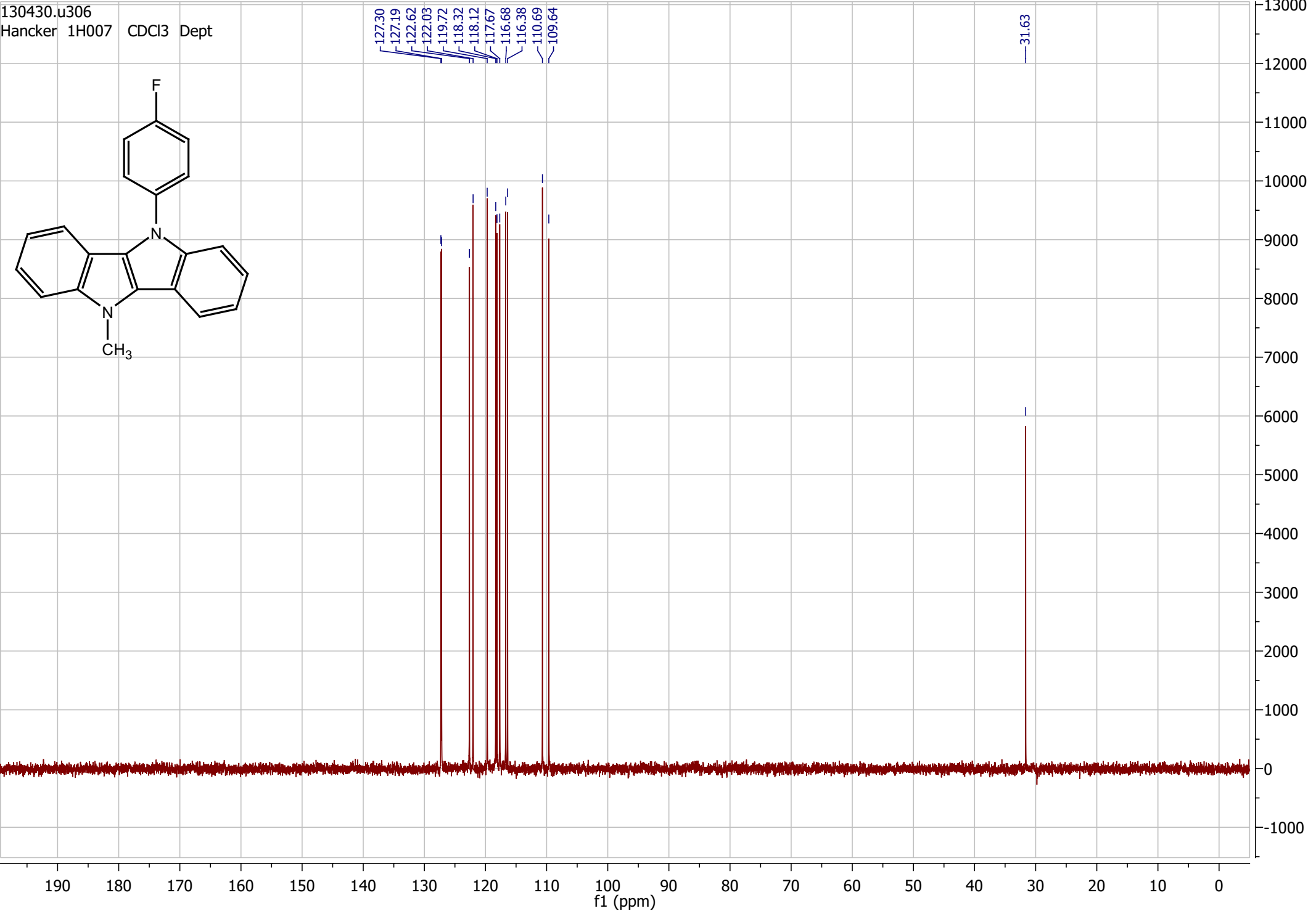
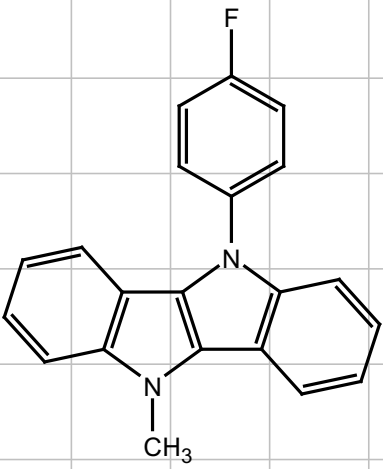
140527.u327
Hung 1HD07 So 19F CDCl3

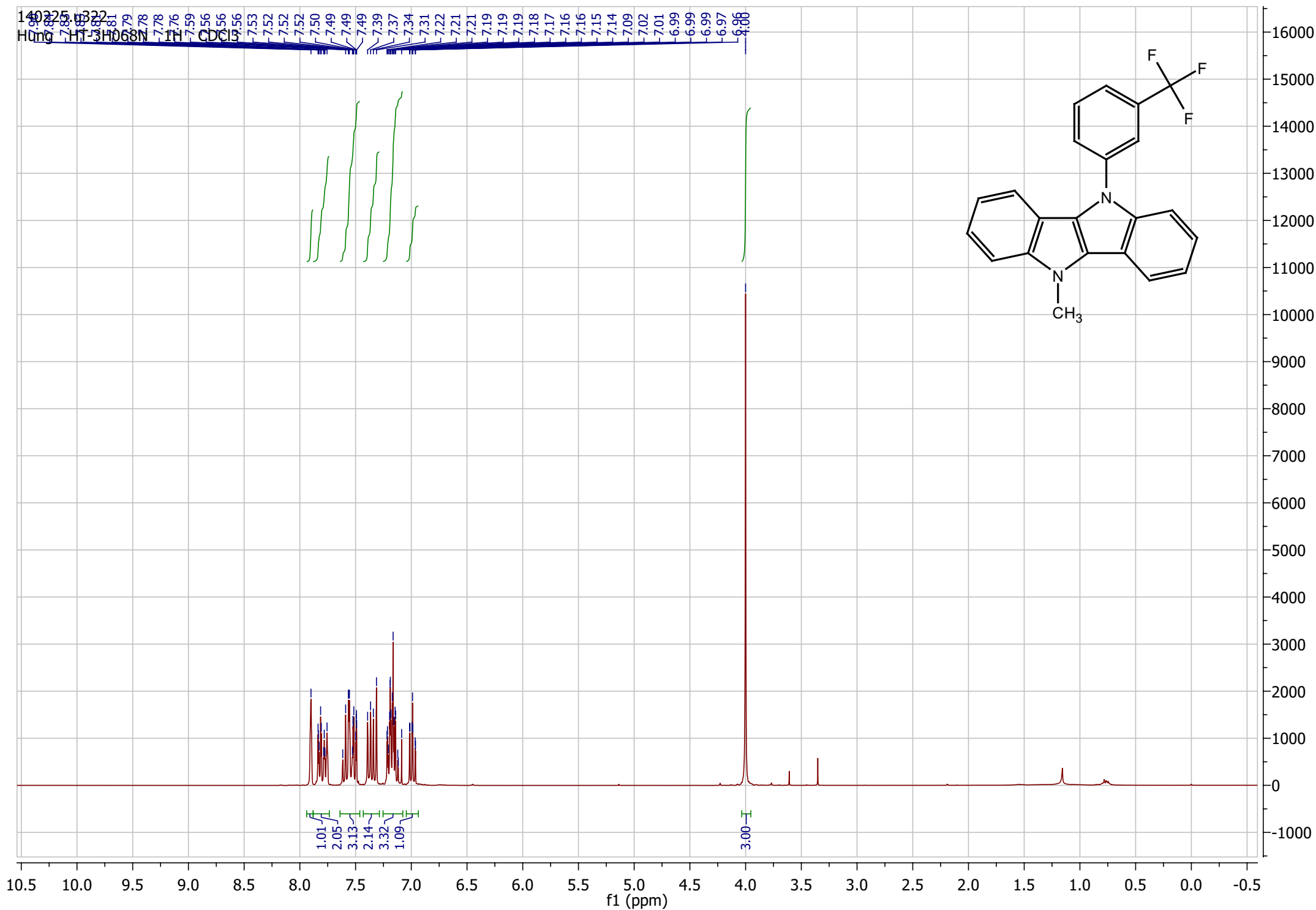


130430.u306
Hancker 1H007 CDCl3 13C

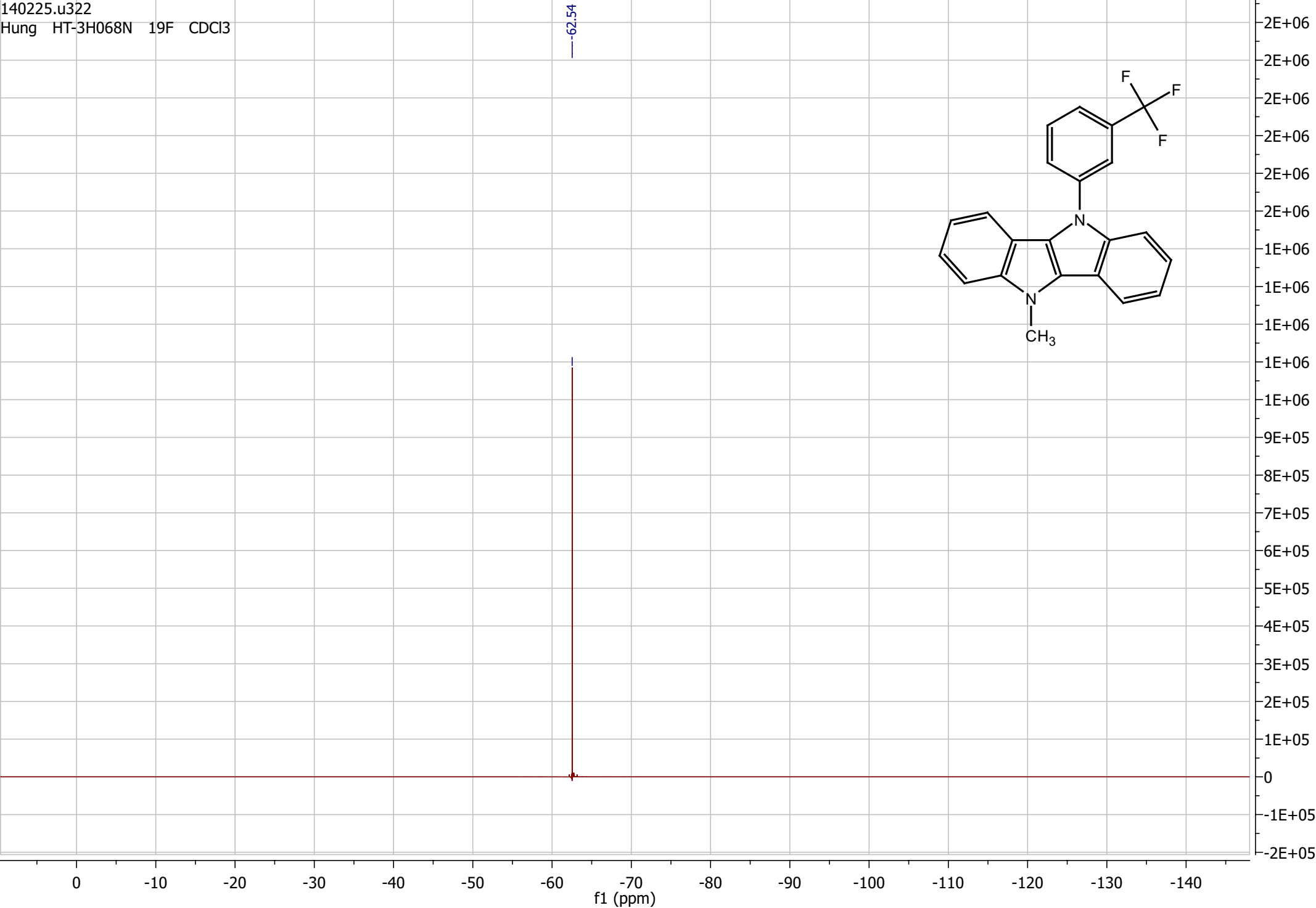


130430.u306
Hancker 1H007 CDCl3 Dept





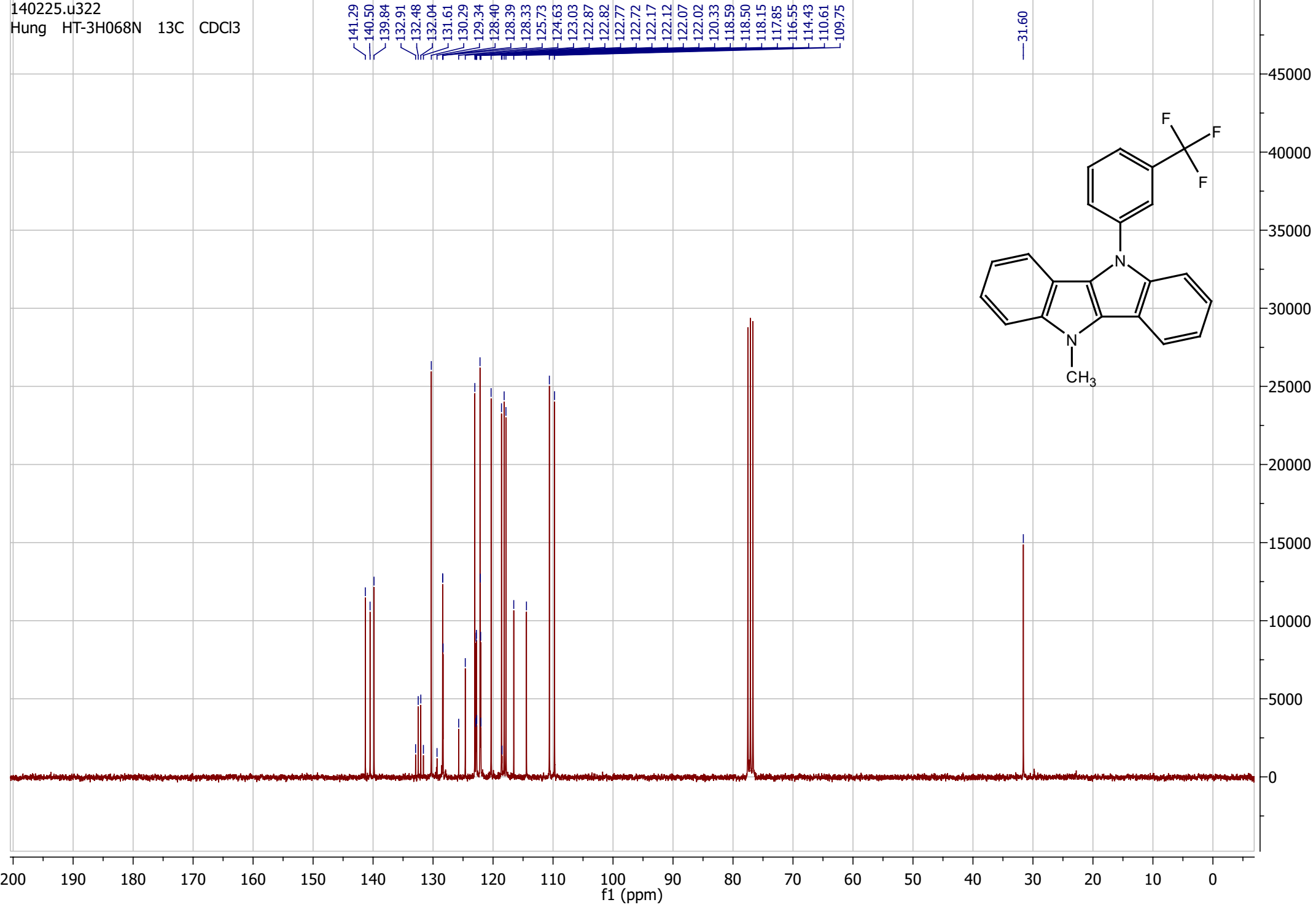
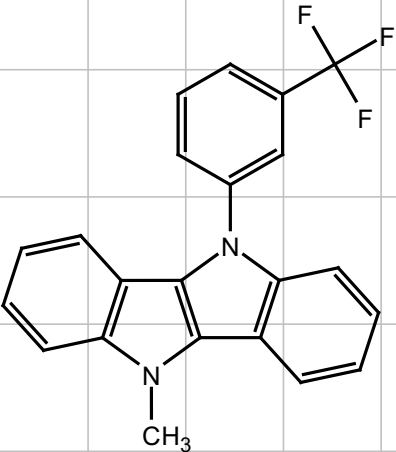
140225.u322
Hung HT-3H068N 19F CDCl3



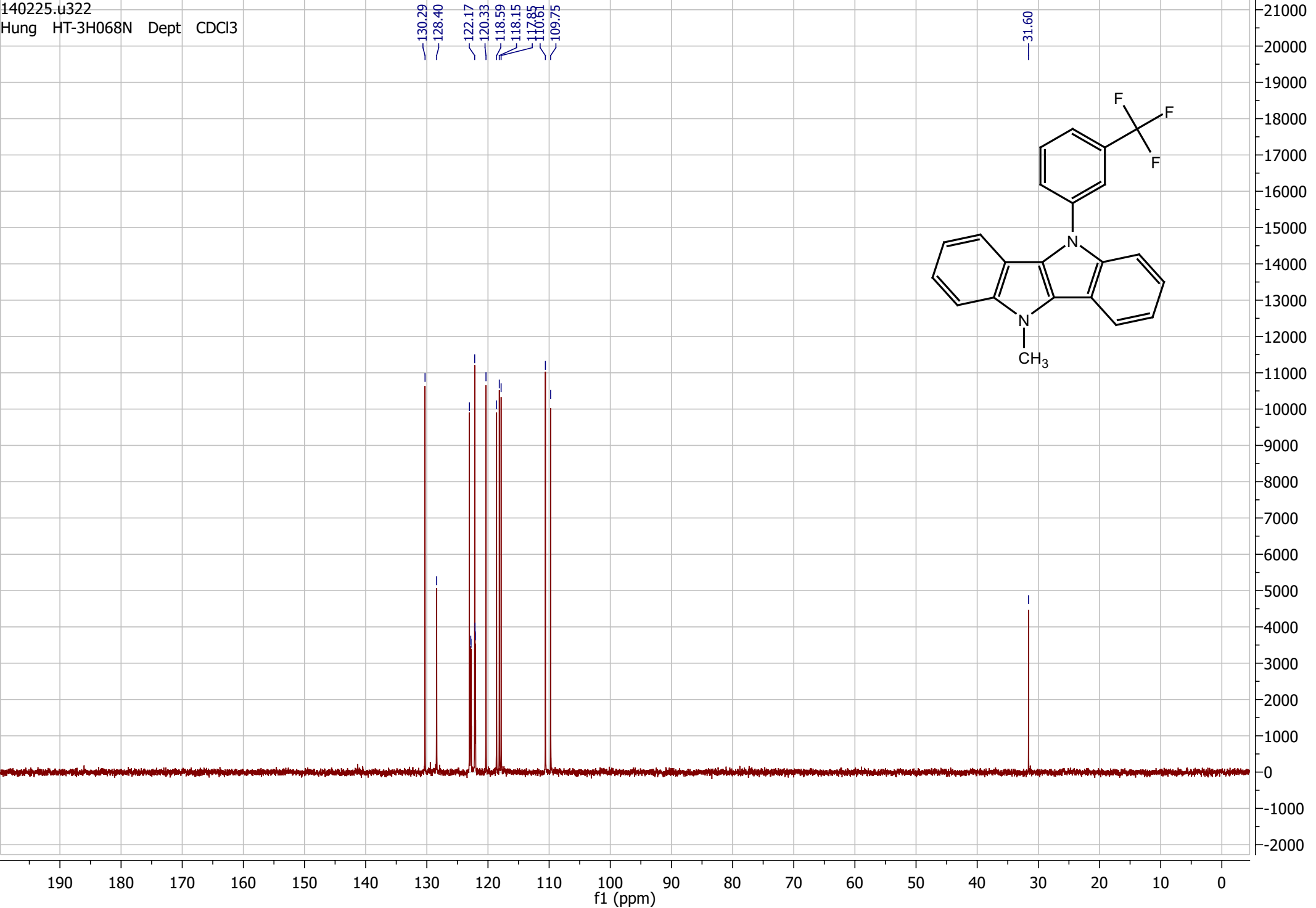
140225.u322
Hung HT-3H068N 13C CDCl3

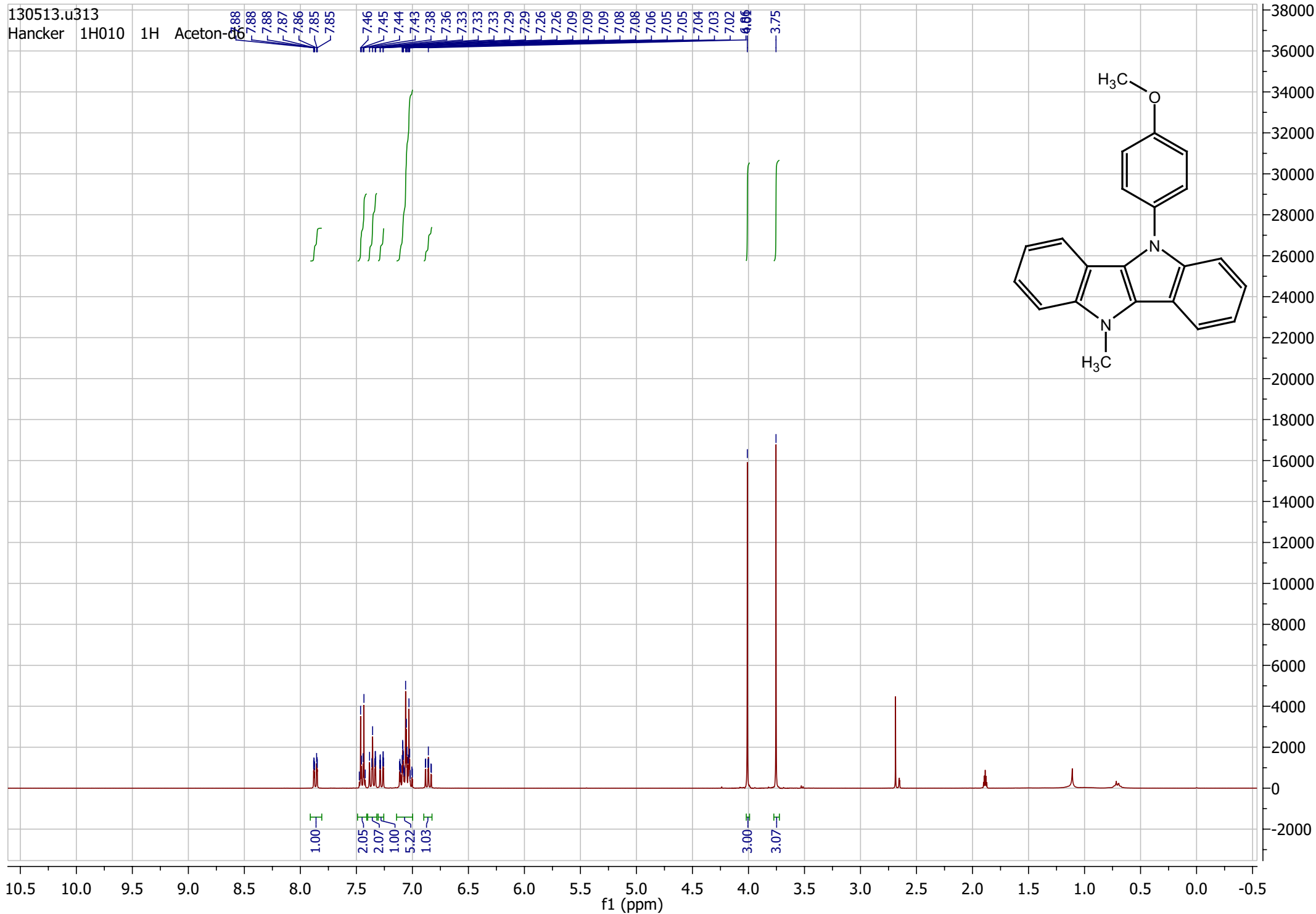
141.29
140.50
139.84
132.91
132.48
132.04
131.61
130.29
129.34
128.40
128.39
128.33
125.73
124.63
123.03
122.87
122.82
122.77
122.72
122.17
122.12
122.07
122.02
120.33
118.59
118.50
118.15
117.85
116.55
114.43
110.61
109.75

31.60



140225.u322
Hung HT-3H068N Dept CDCl3

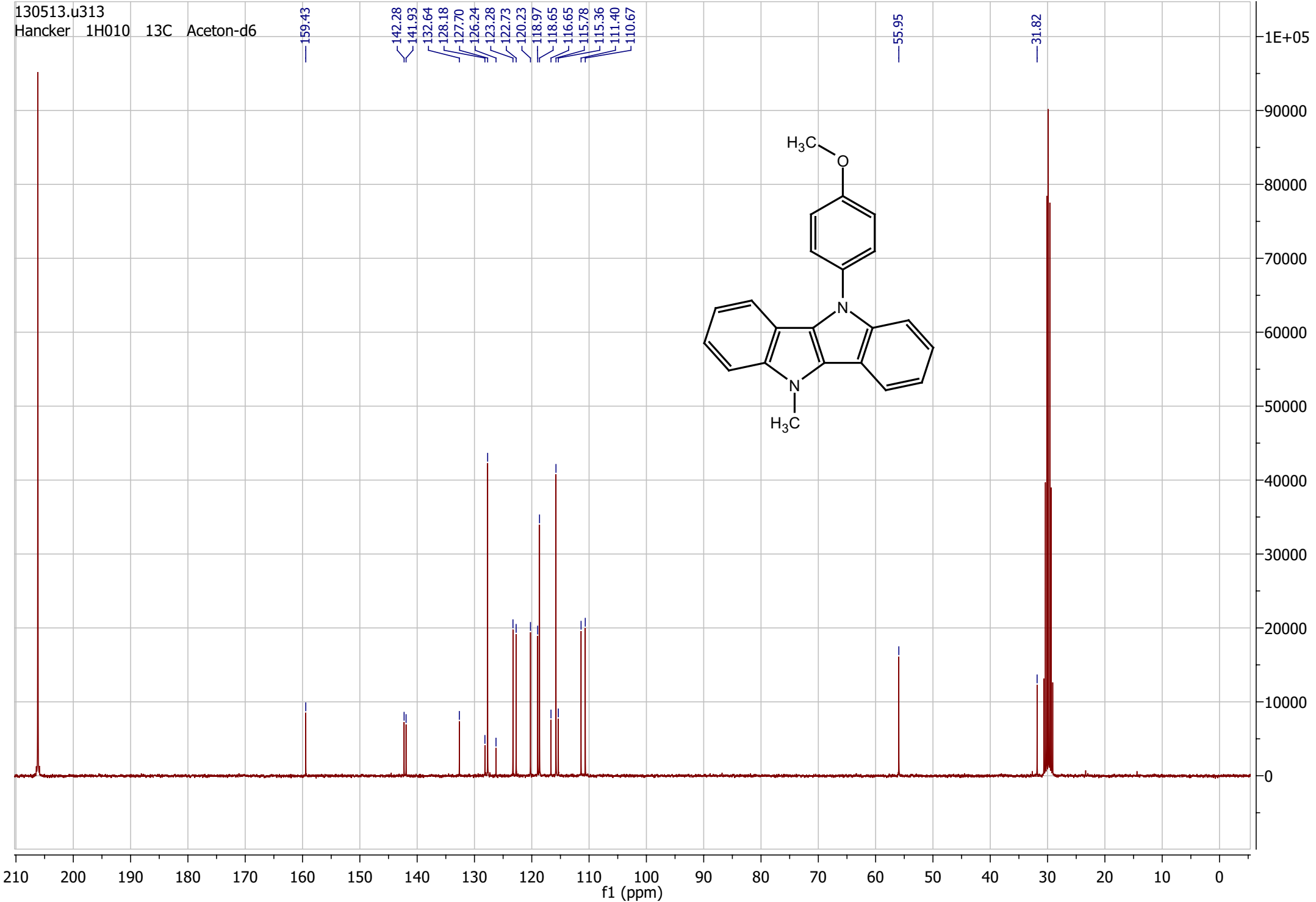
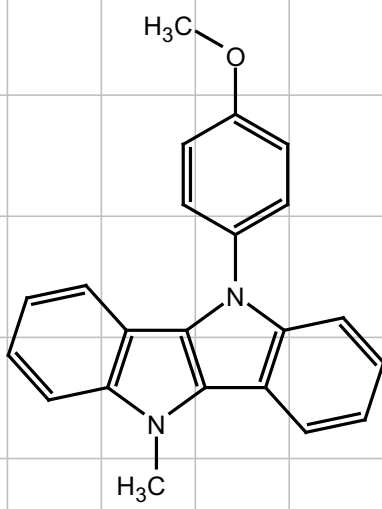




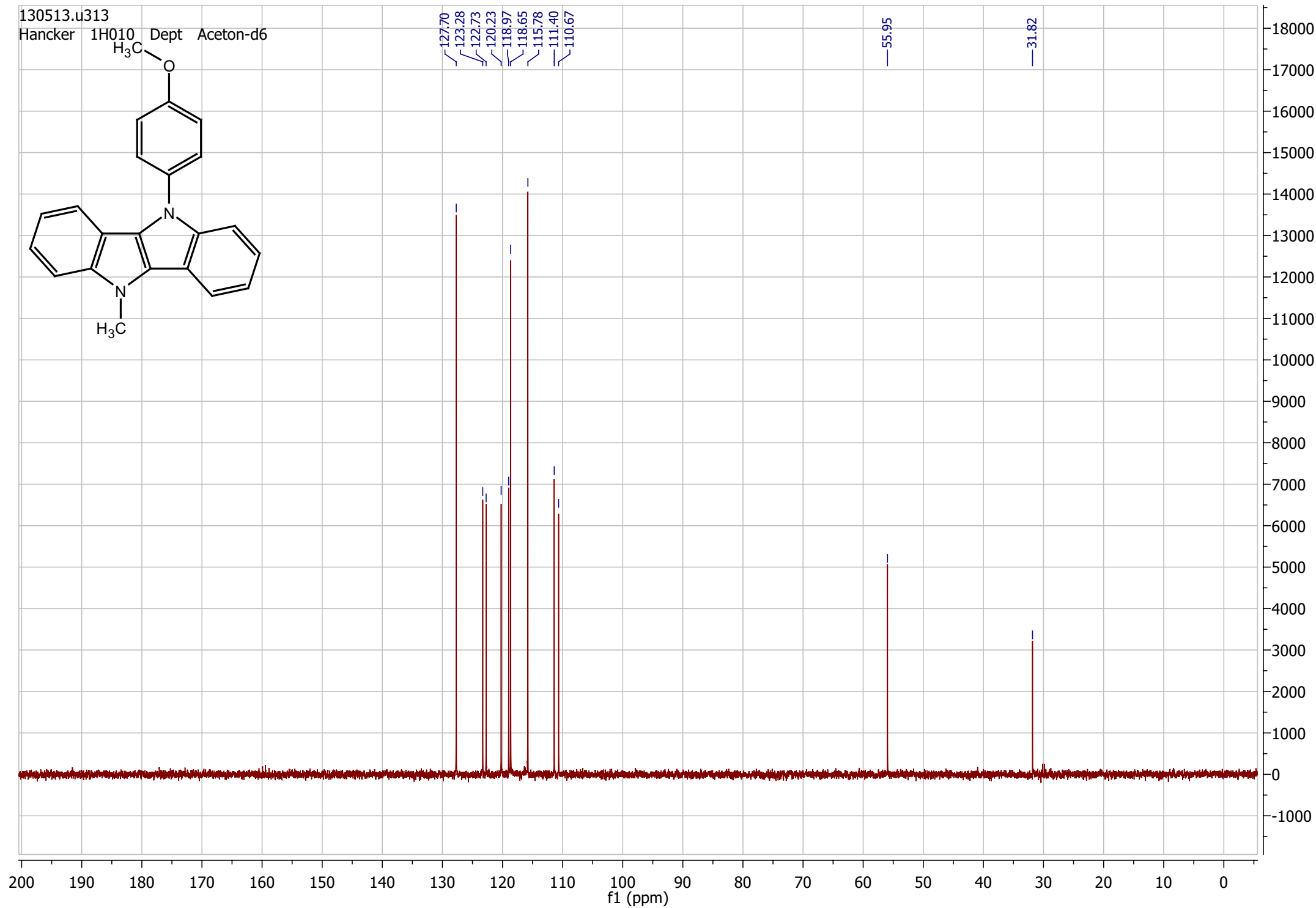
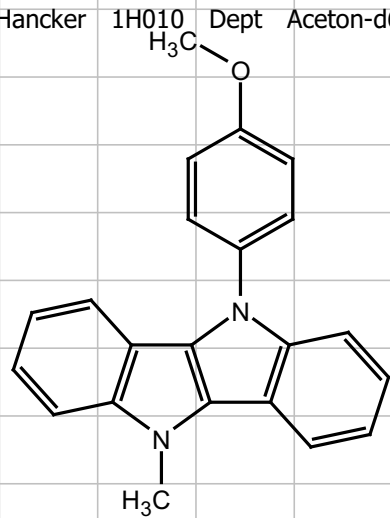
130513.u313
Hancker 1H010 13C Aceton-d6

159.43
142.28
141.93
132.64
128.18
127.70
126.24
123.28
122.73
120.23
118.97
118.65
116.65
115.78
115.36
111.40
110.67

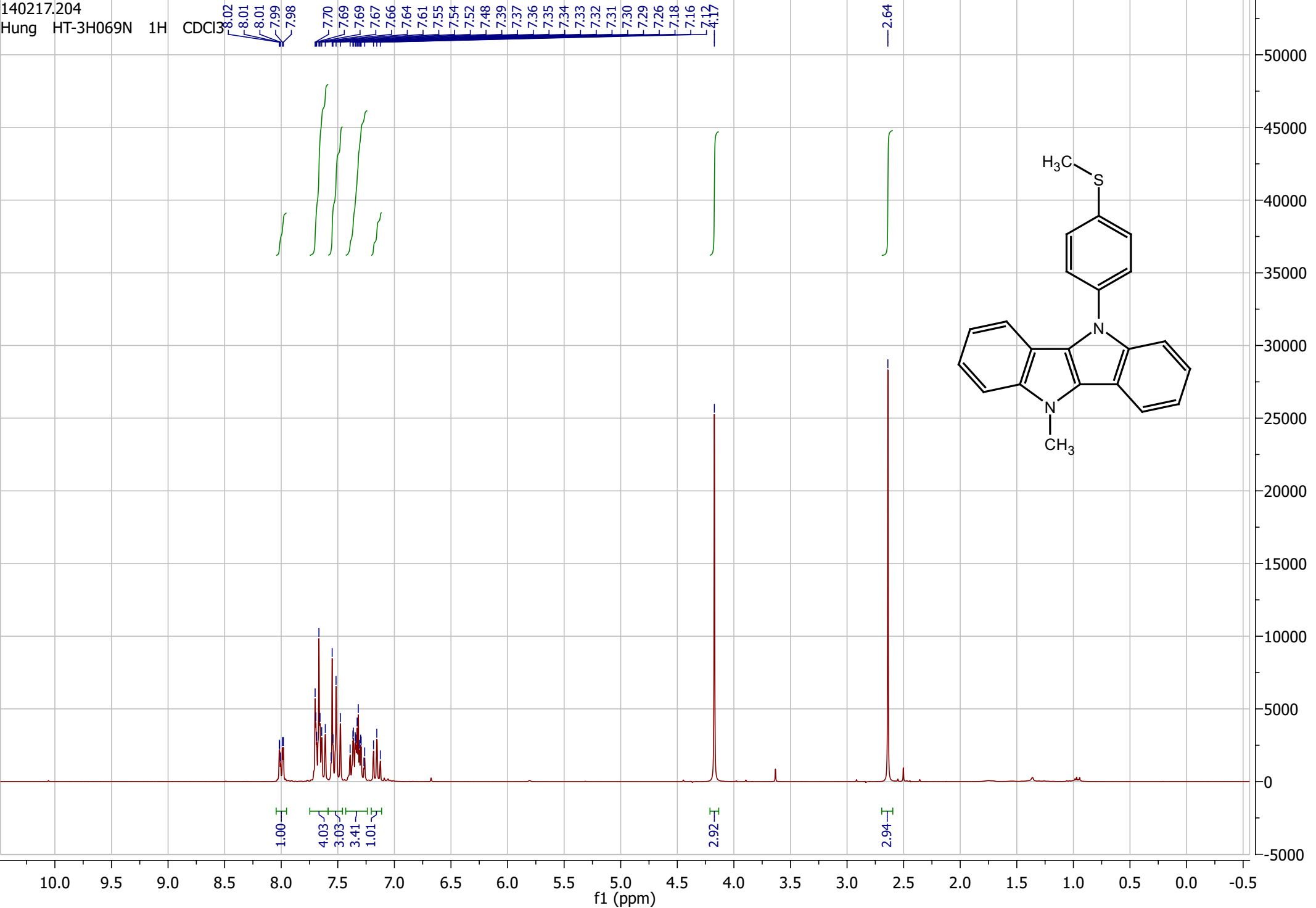
55.95
31.82



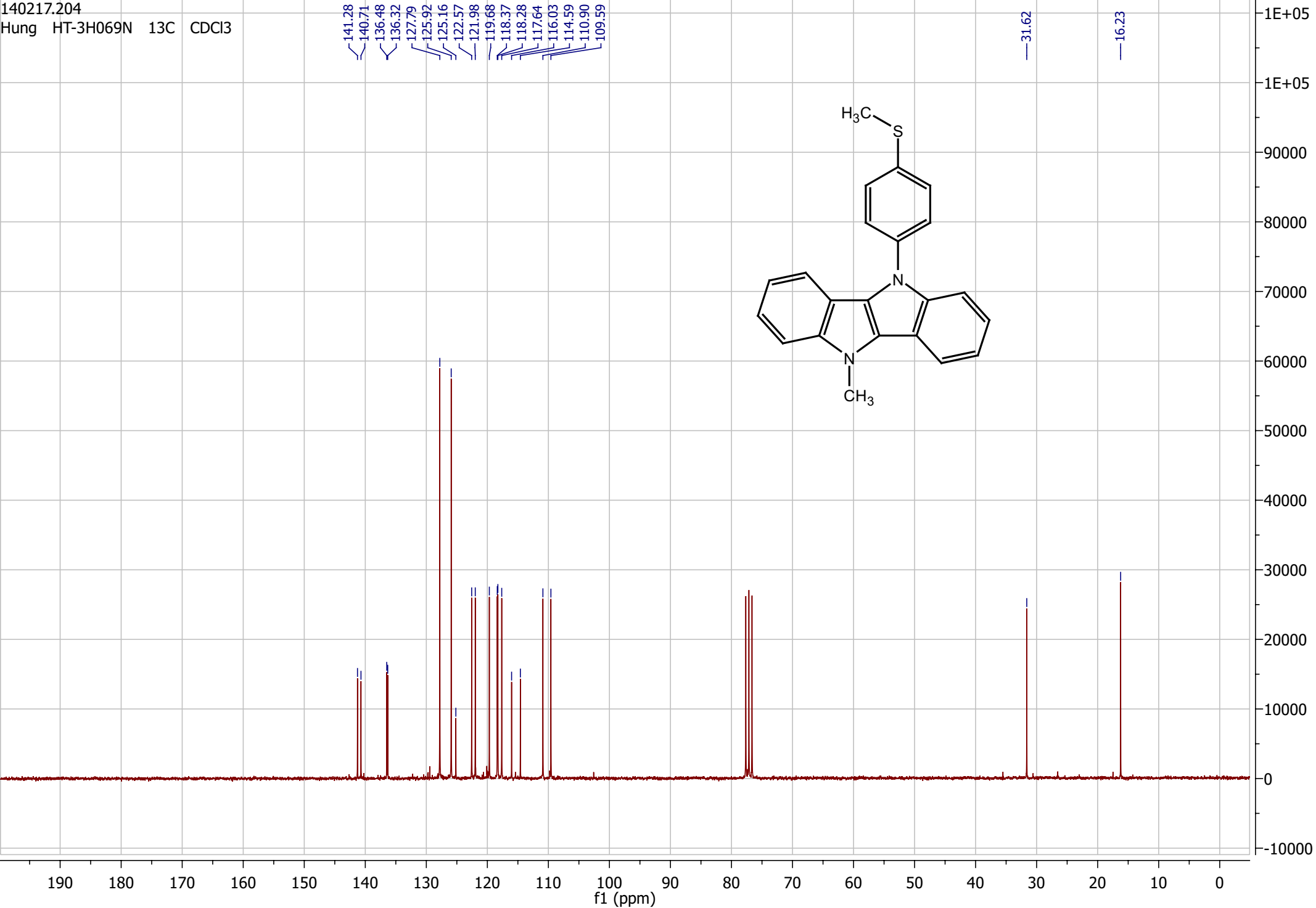
130513.u313
Hancker 1H010 Dept Aceton-d6



140217.204
Hung HT-3H069N 1H CDCl3



140217.204
Hung HT-3H069N 13C CDCl3

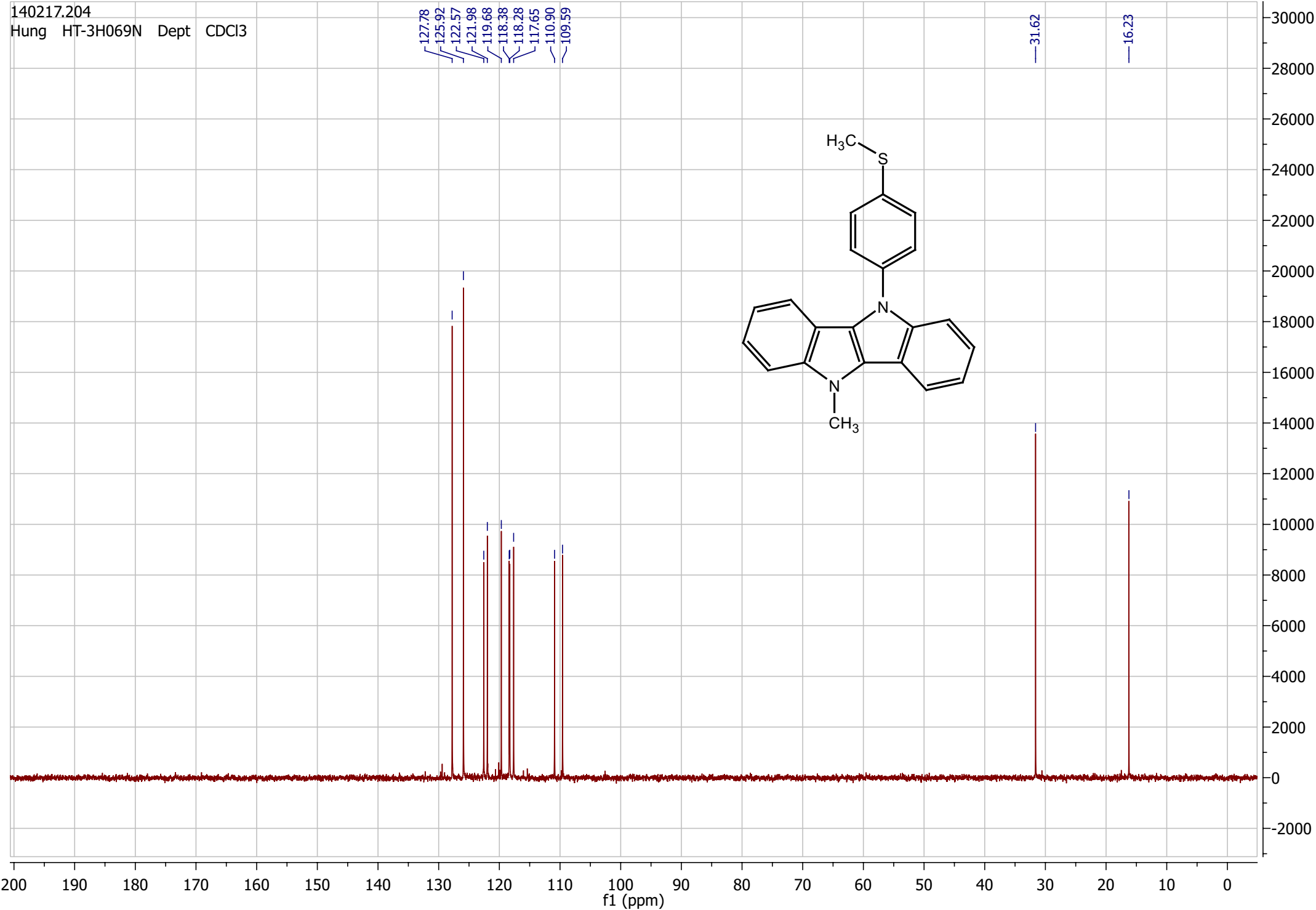
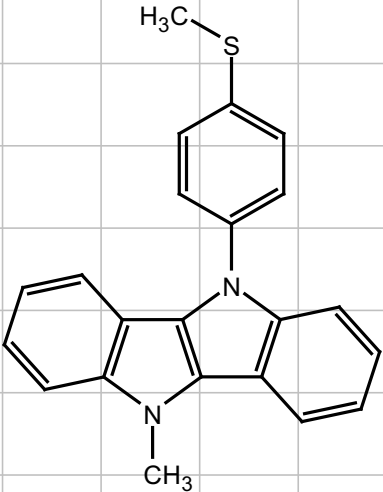


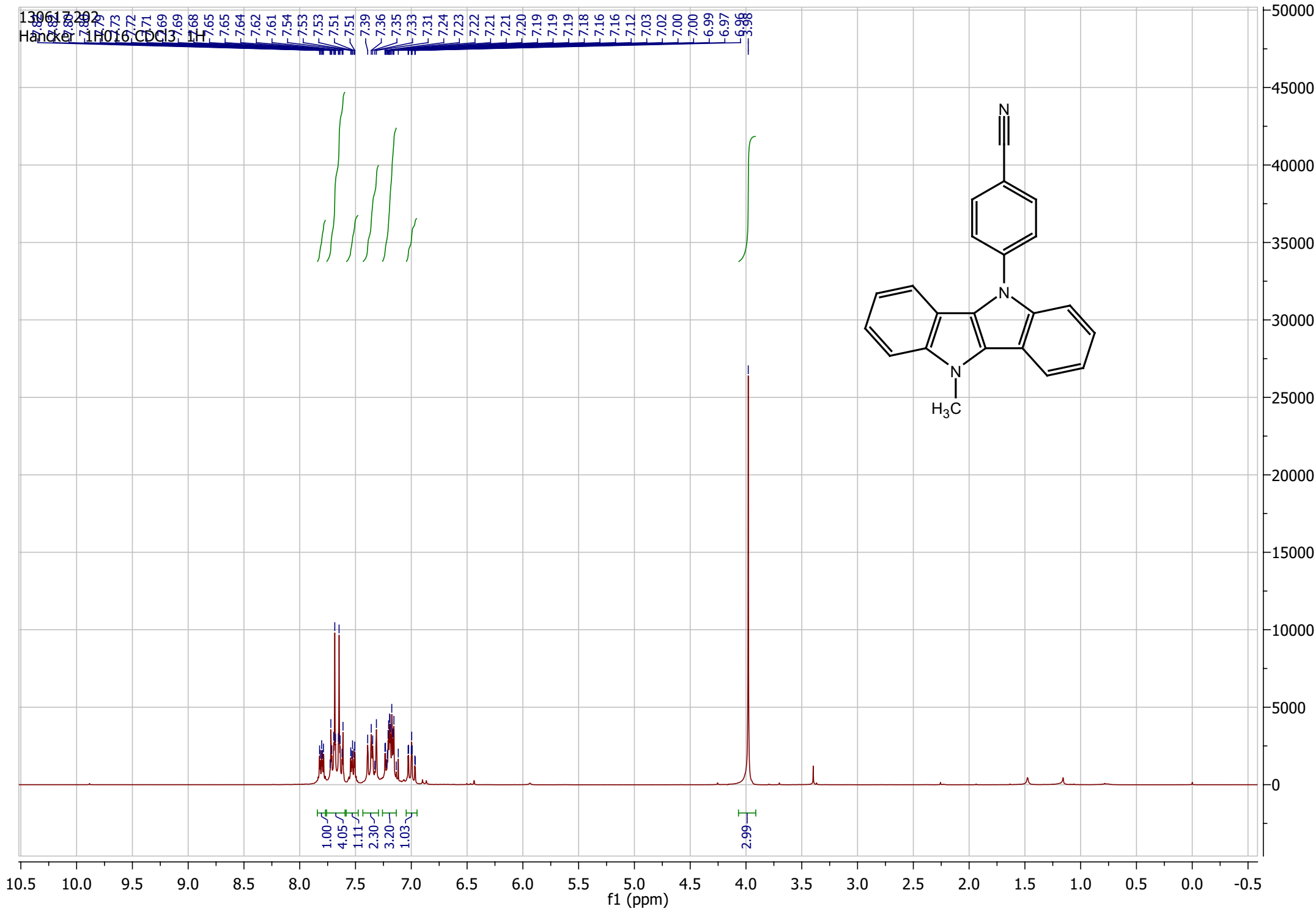
140217.204
Hung HT-3H069N Dept CDCl3

127.78
125.92
122.57
121.98
119.68
118.38
118.28
117.65
110.90
109.59

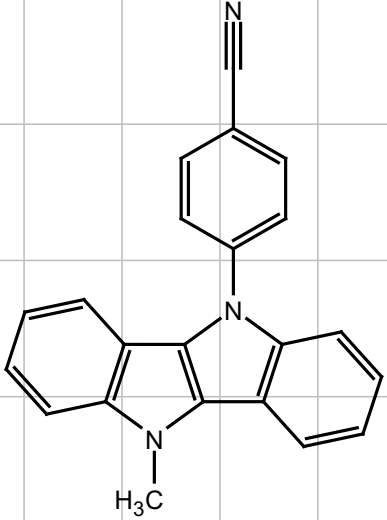
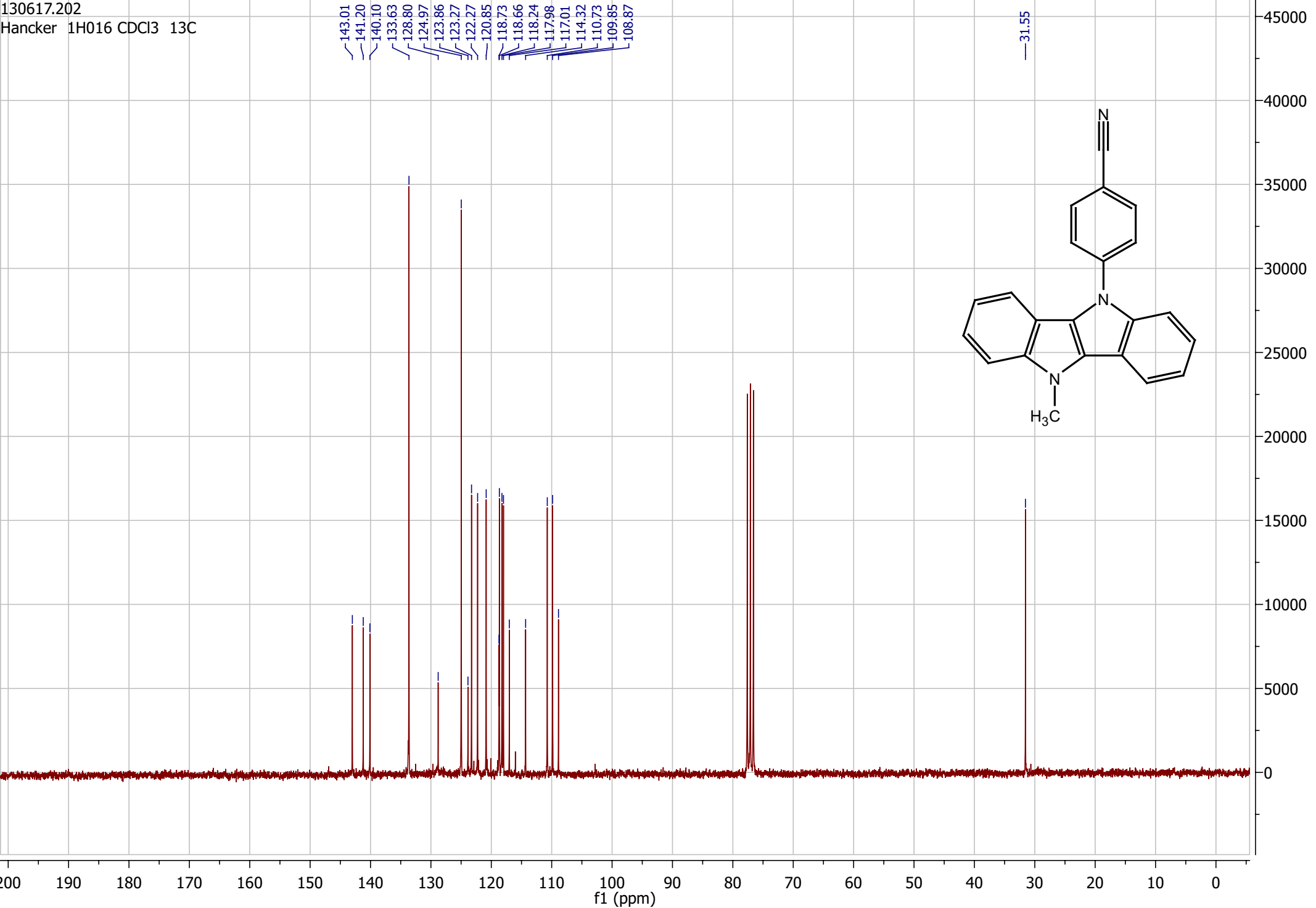
31.62

16.23

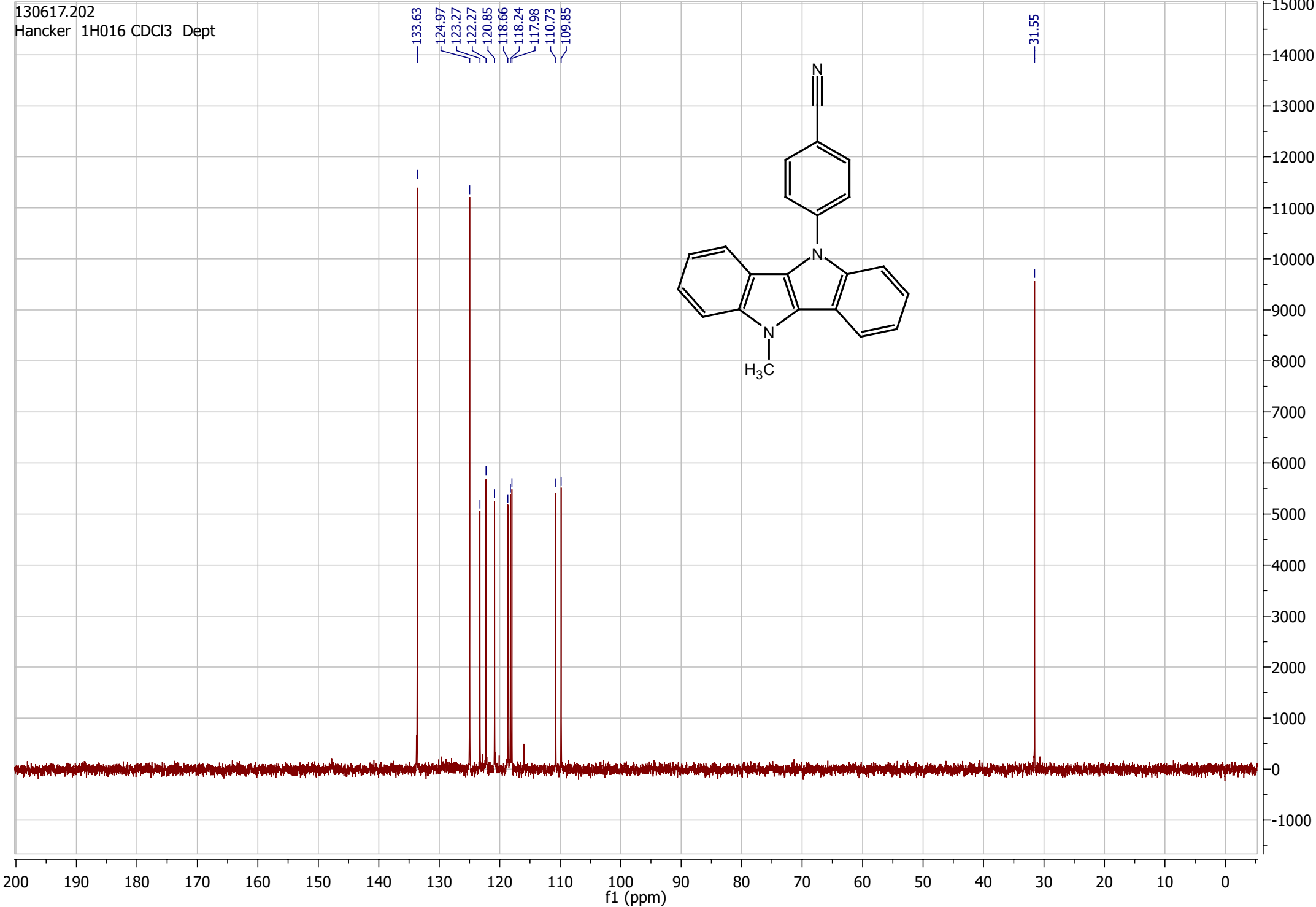




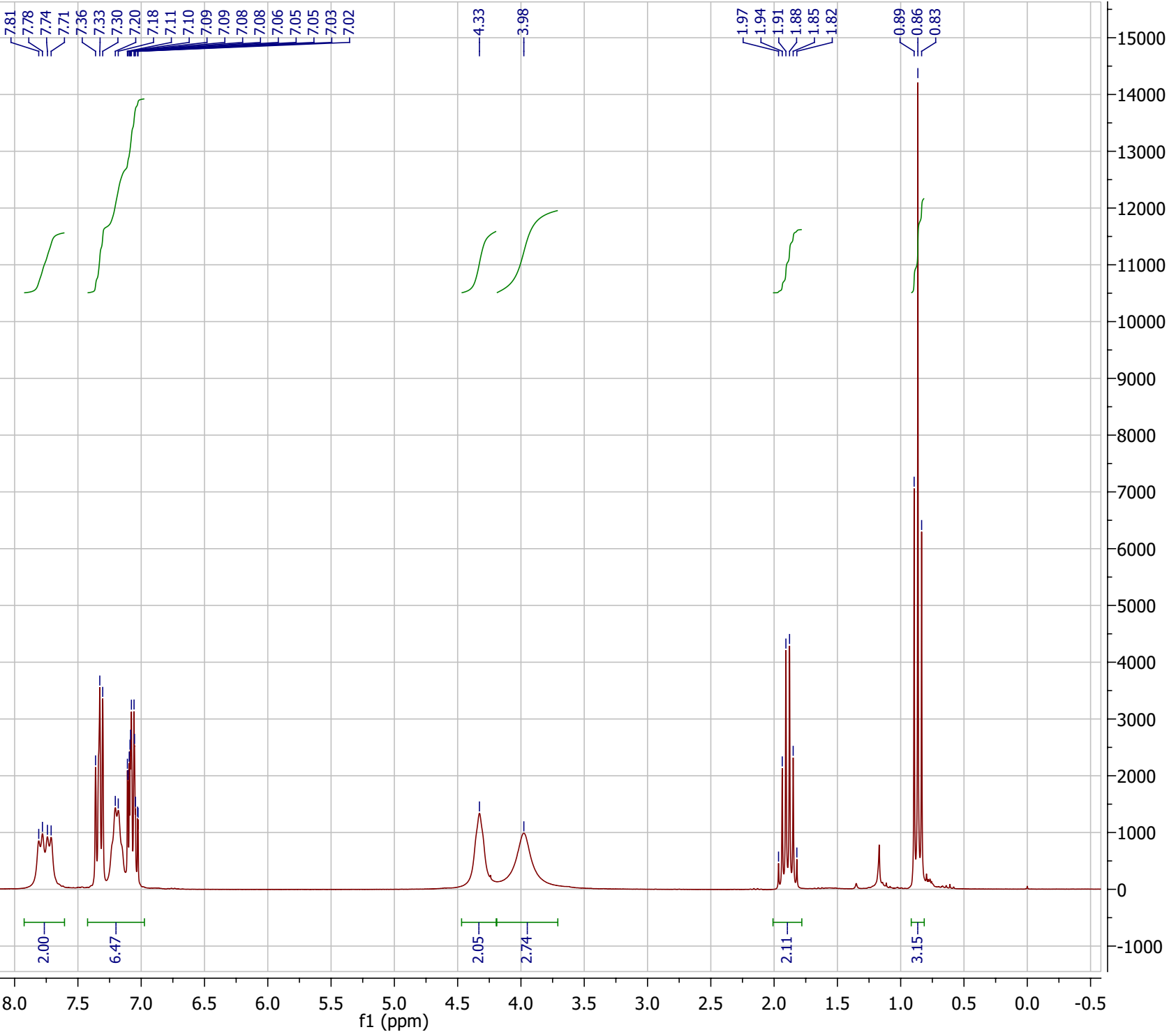
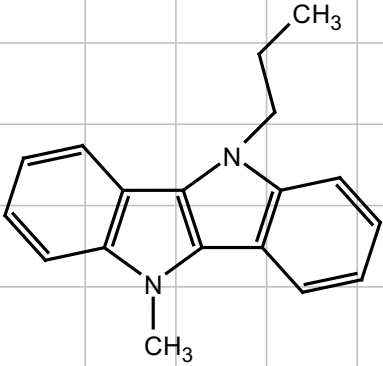
130617.202
Hancker 1H016 CDCl3 13C



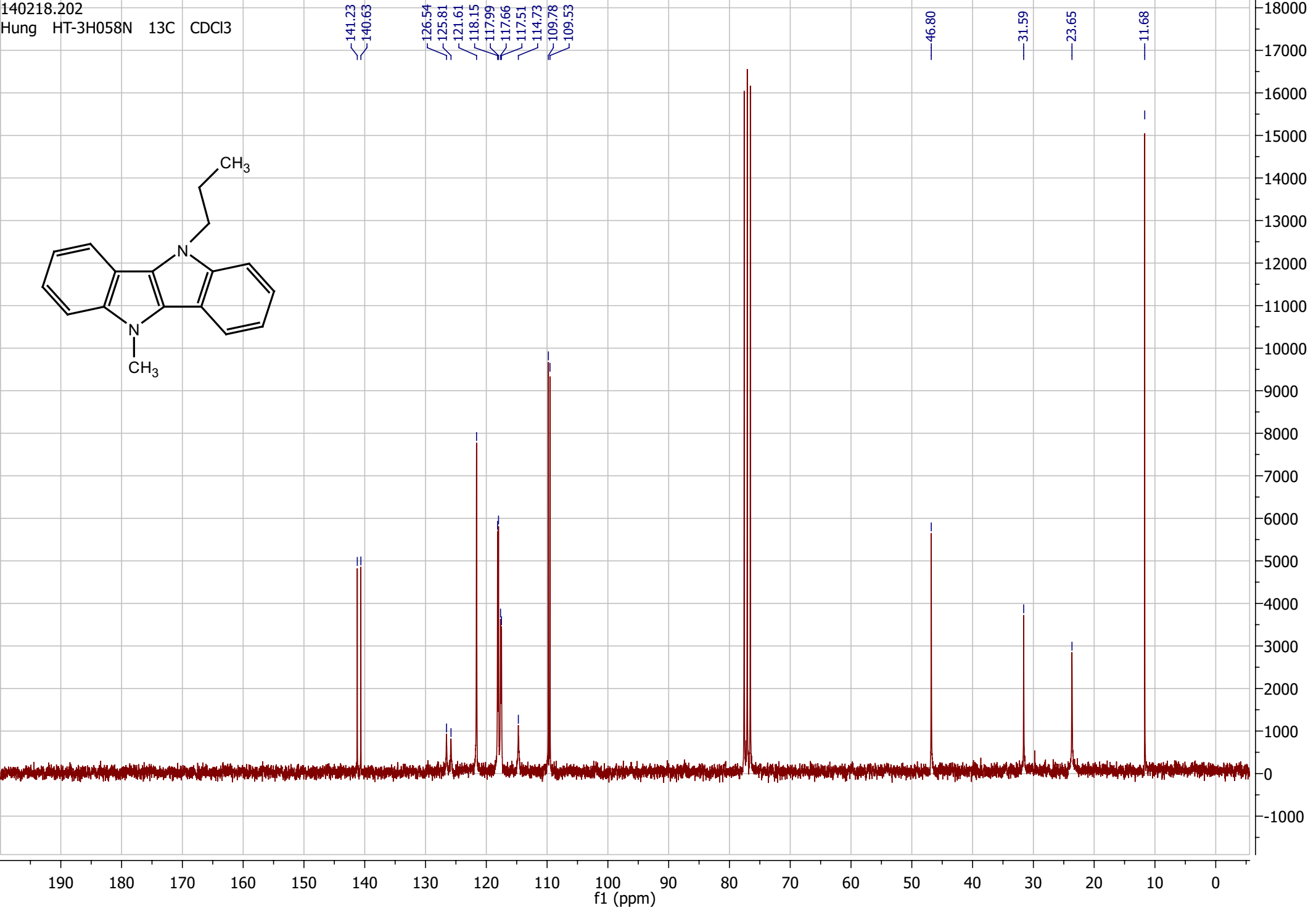
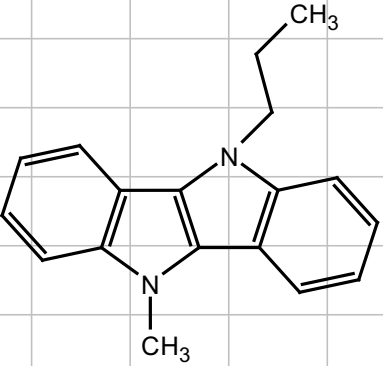
130617.202
Hancker 1H016 CDCl3 Dept



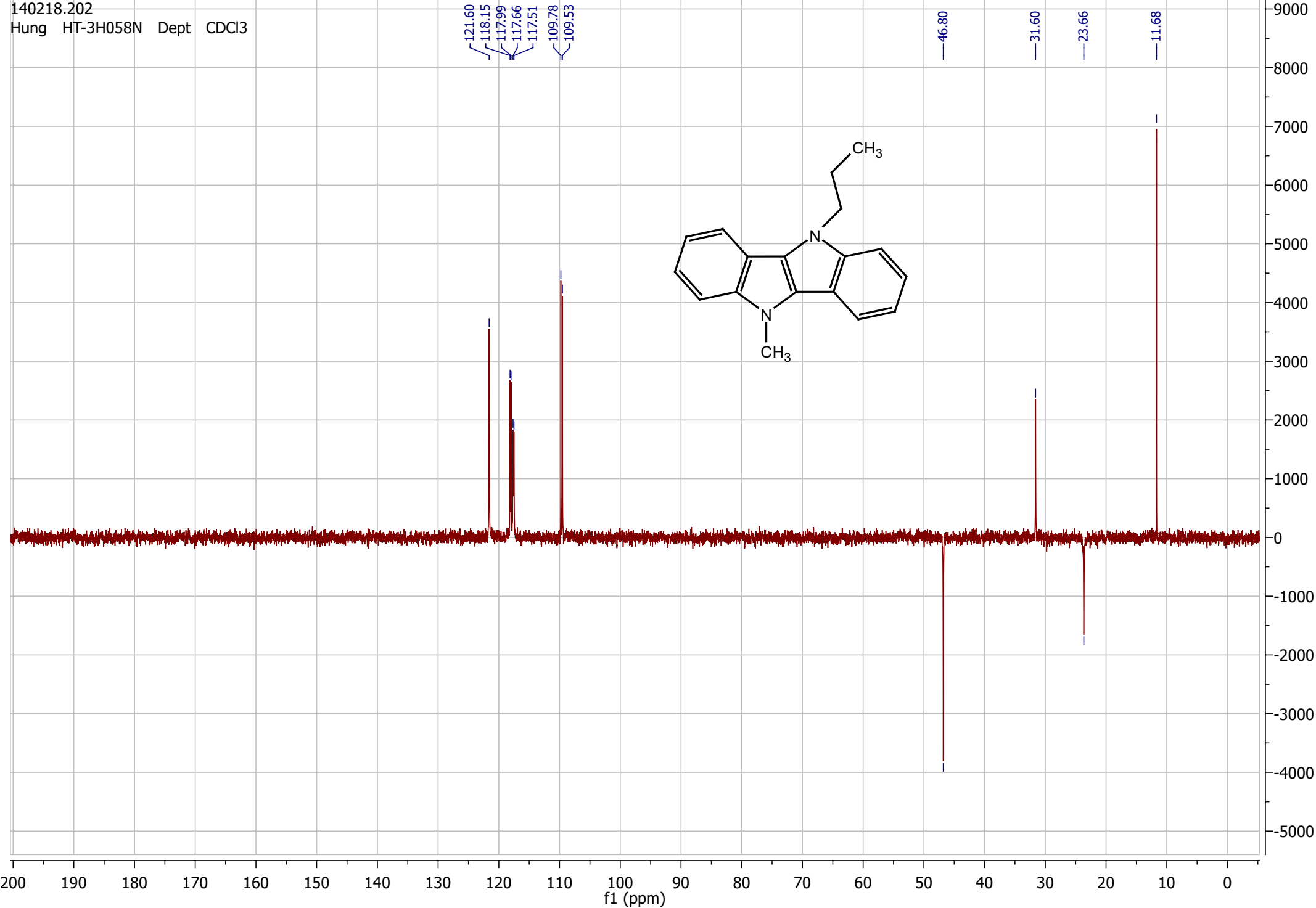
140218.202
Hung HT-3H058N 1H CDCl3



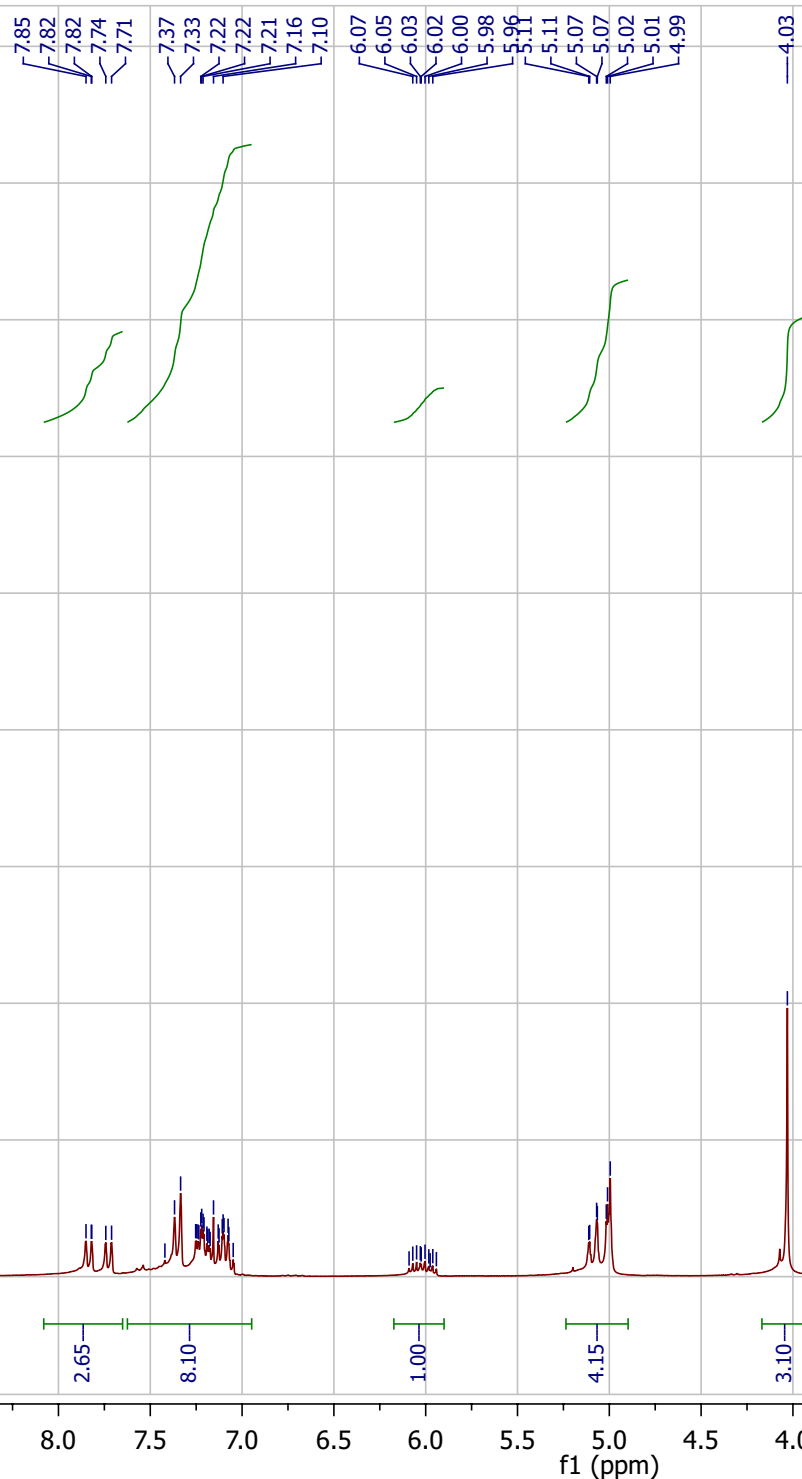
140218.202
Hung HT-3H058N 13C CDCl3



140218.202
Hung HT-3H058N Dept CDCl3

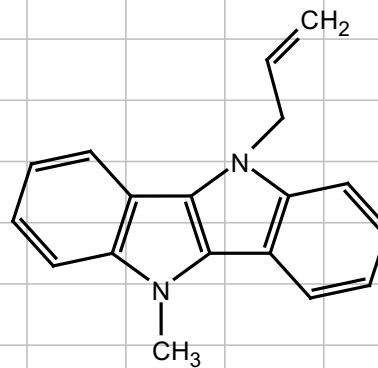


140218.203
Hung HT-3H059N 1H CDCl3



140218.203
Hung HT-3H059N 13C CDCl3

141.15
140.60
133.49
126.68
125.76
121.75
121.67
118.35
118.16
117.79
117.47
116.67
115.03
114.62
109.84
109.47



47.49

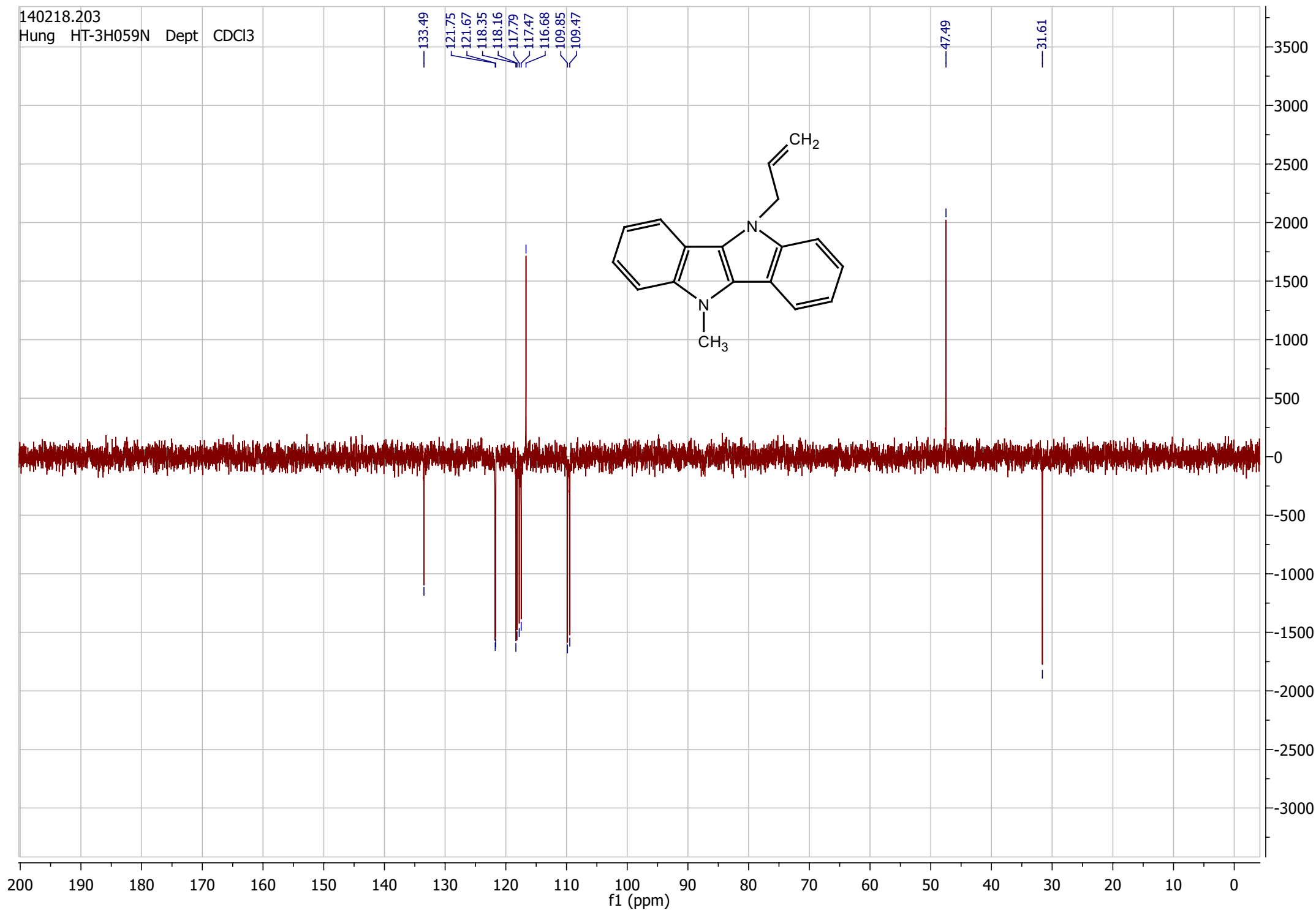
31.60

200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

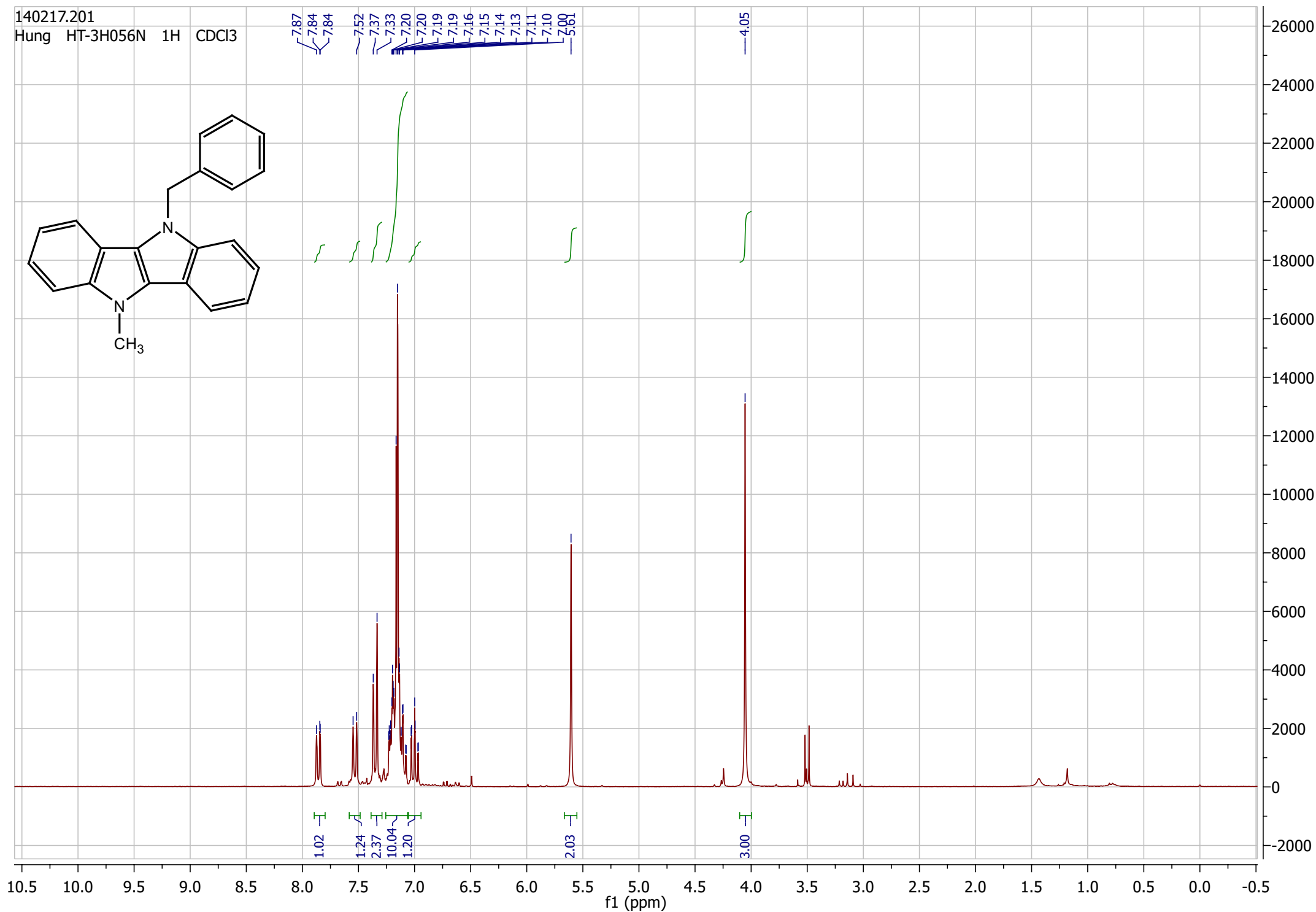
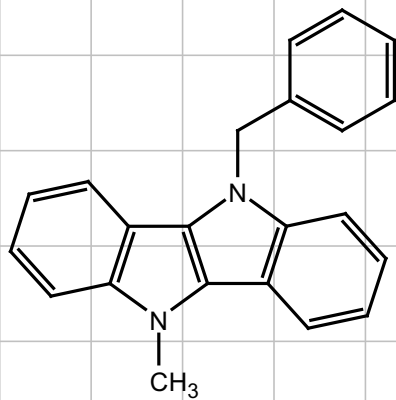
f1 (ppm)

20000
19000
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-2000

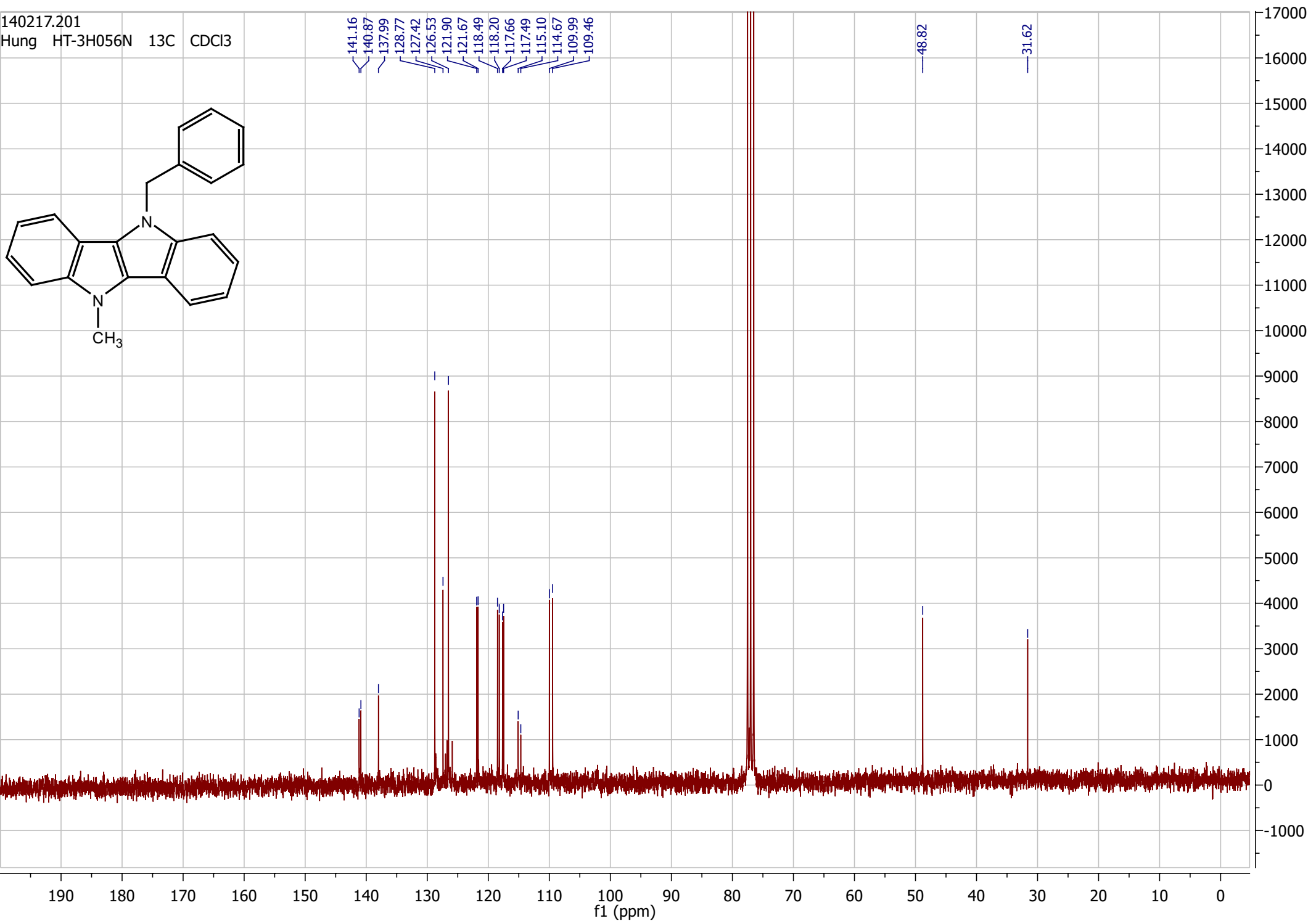
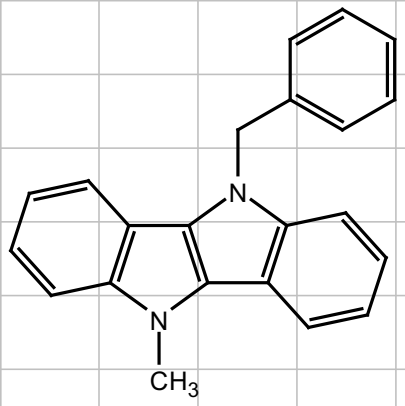
140218.203
Hung HT-3H059N Dept CDCl3



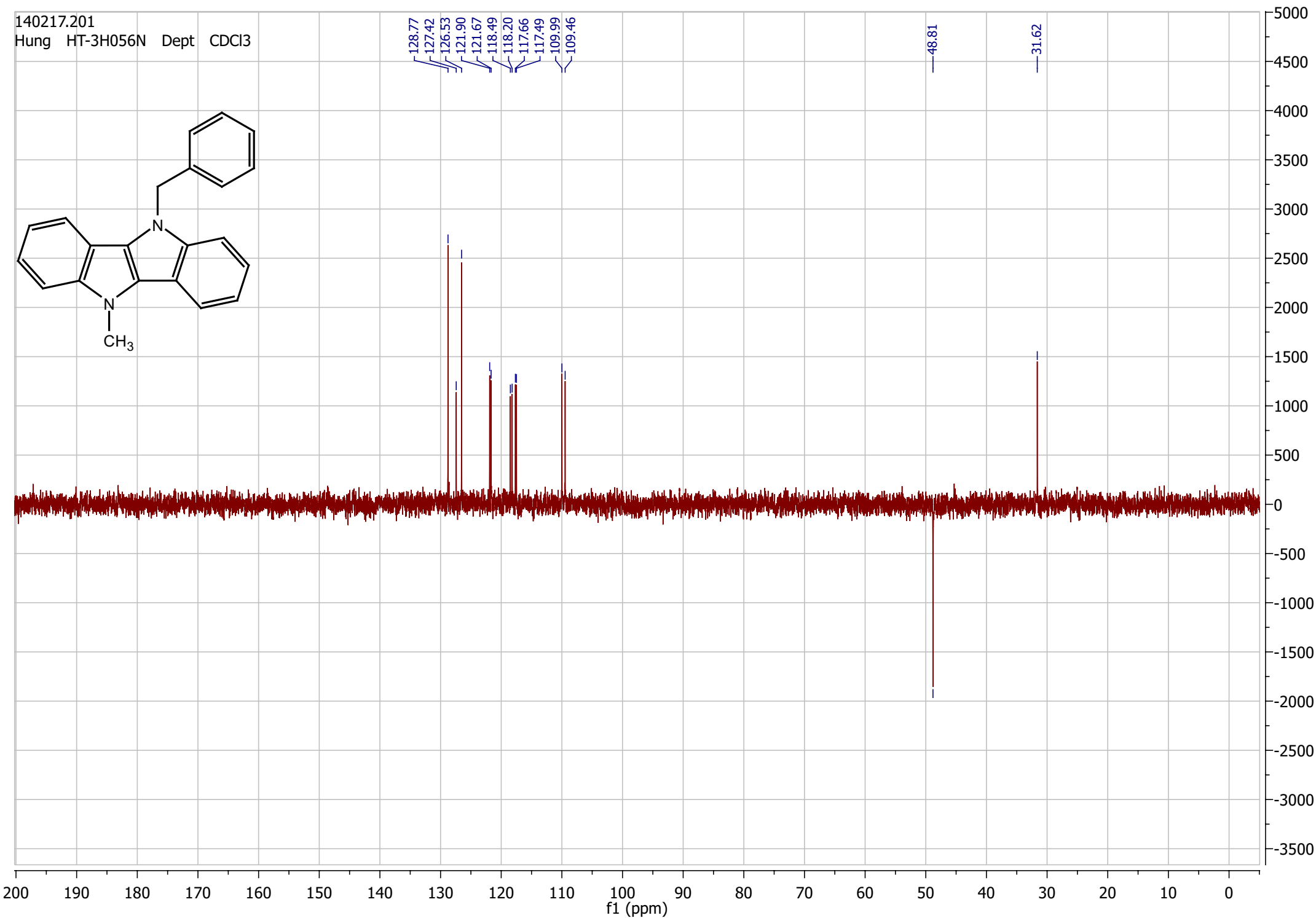
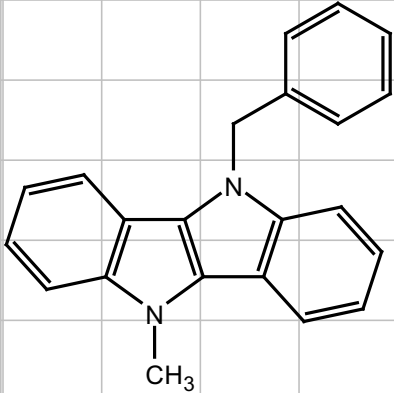
140217.201
Hung HT-3H056N 1H CDCl3

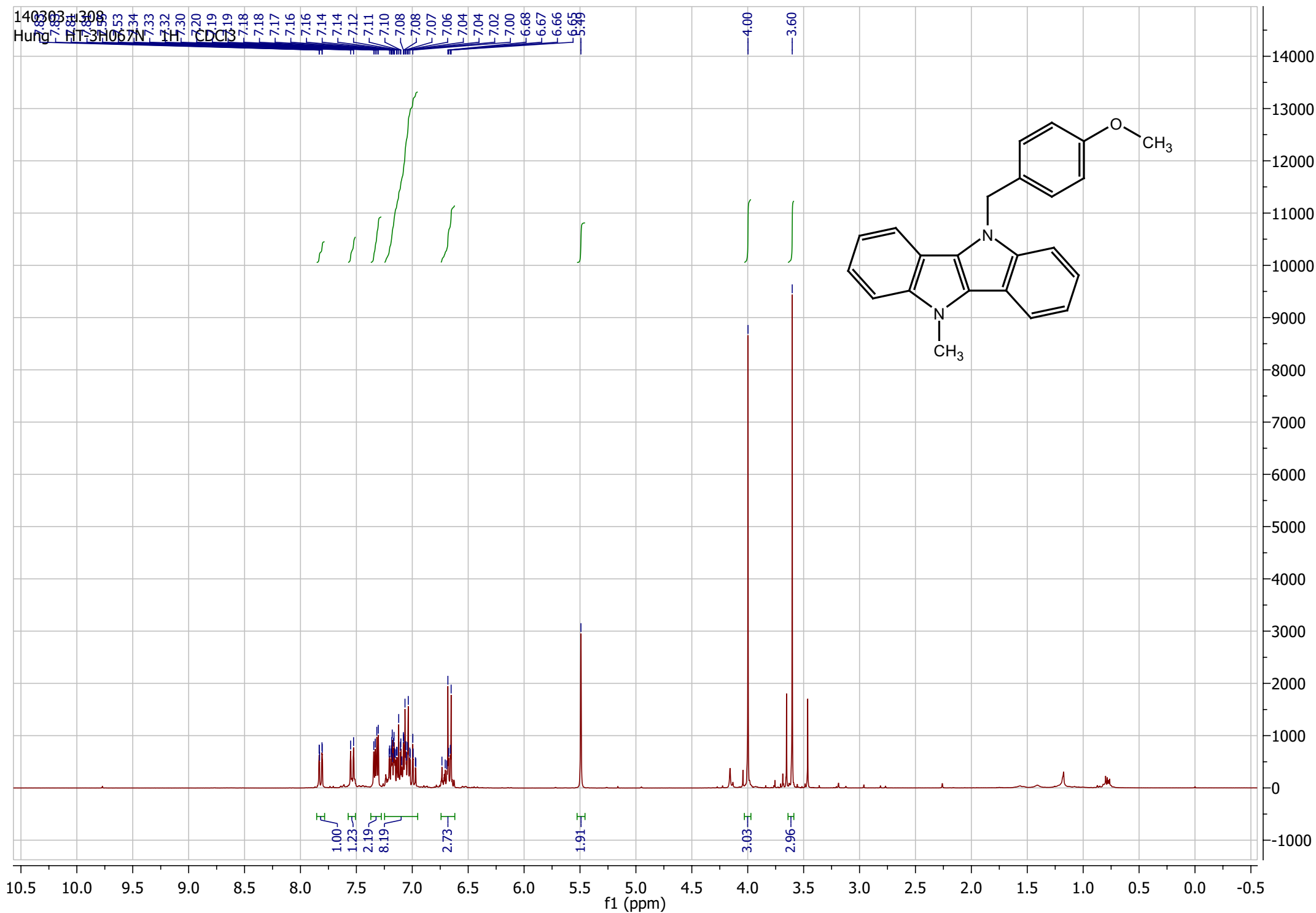


140217.201
Hung HT-3H056N 13C CDCl3

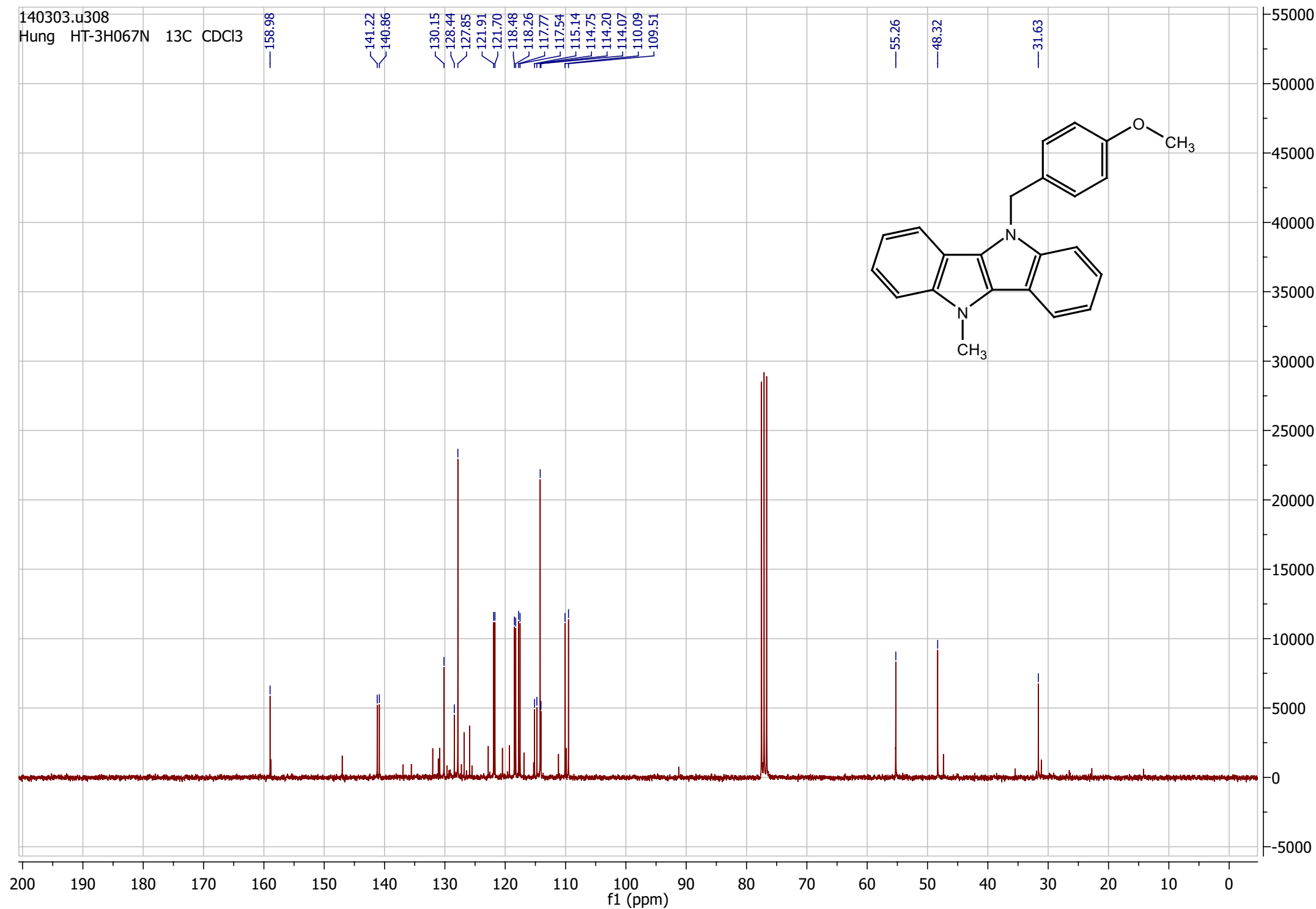


140217.201
Hung HT-3H056N Dept CDCl3

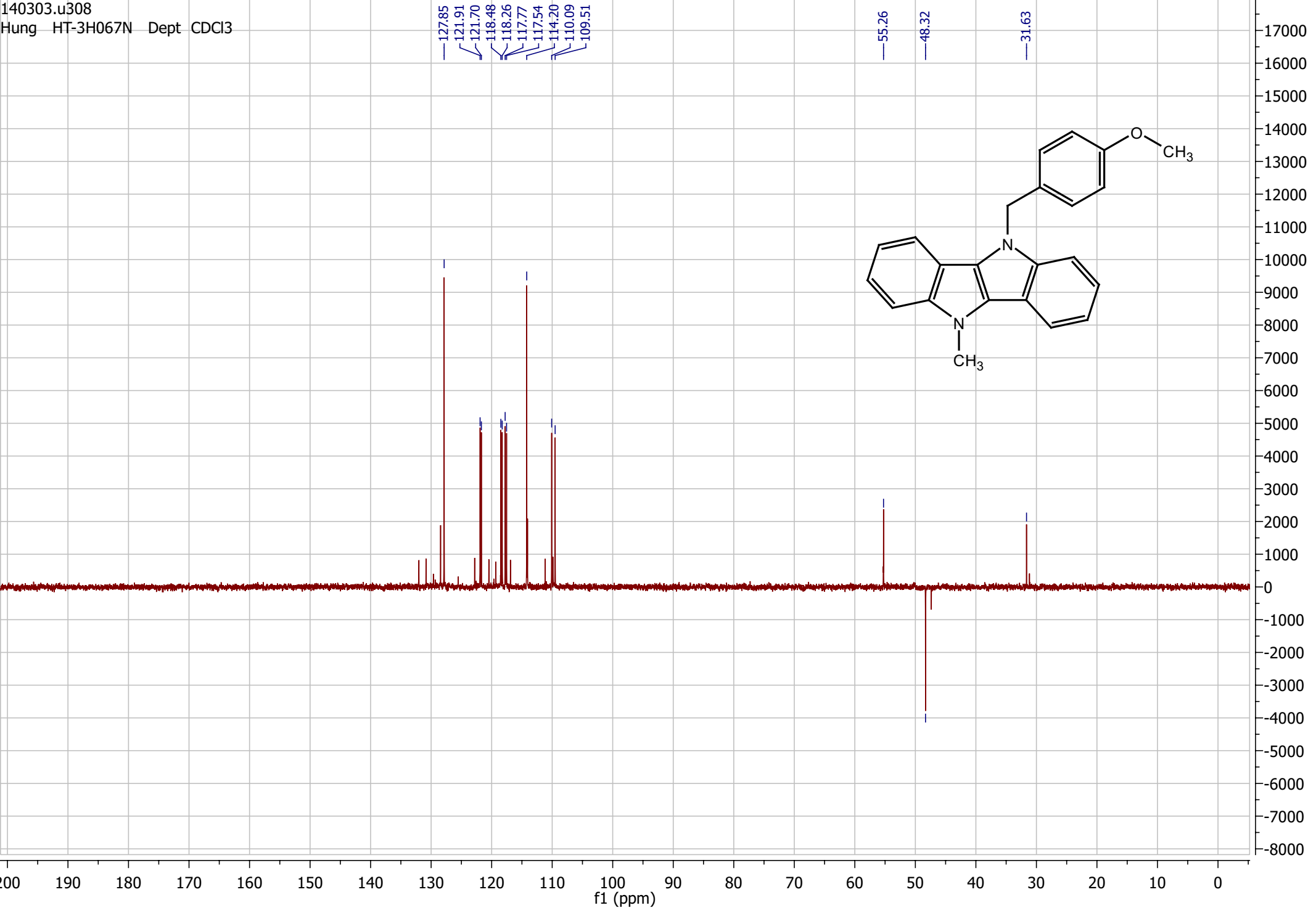




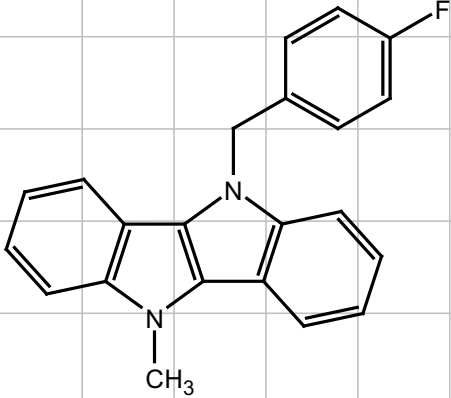
140303.u308

Hung HT-3H067N 13C CDCl₃

140303.u308
Hung HT-3H067N Dept CDCl3



140225.u319
Hung HT-3H060N 1H CDCl3



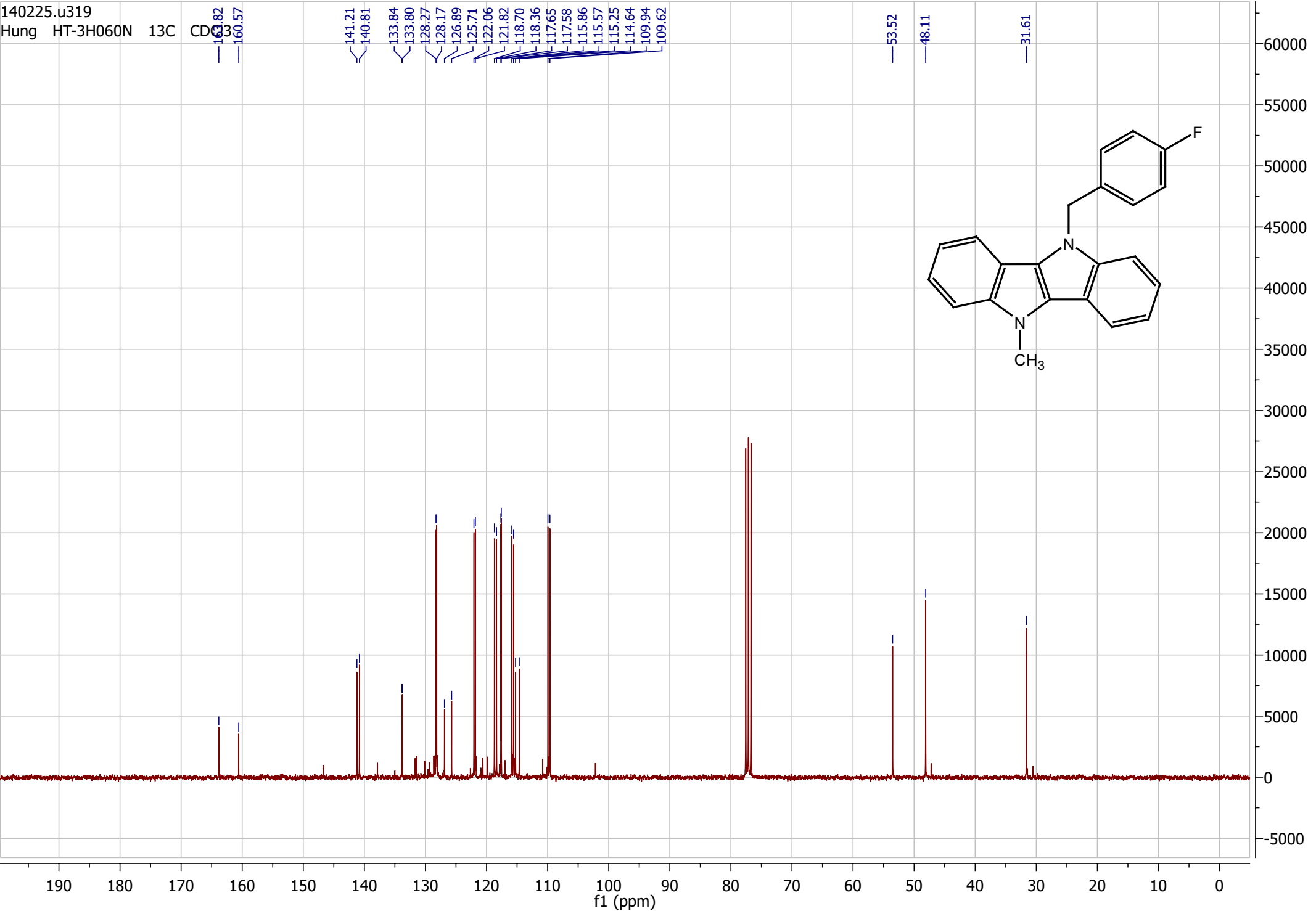
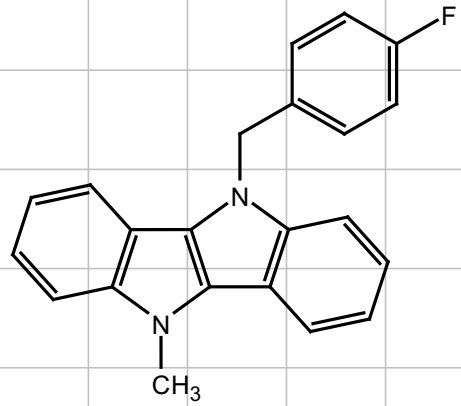
f1 (ppm)

140225.u319
Hung HT-3H060N 13C

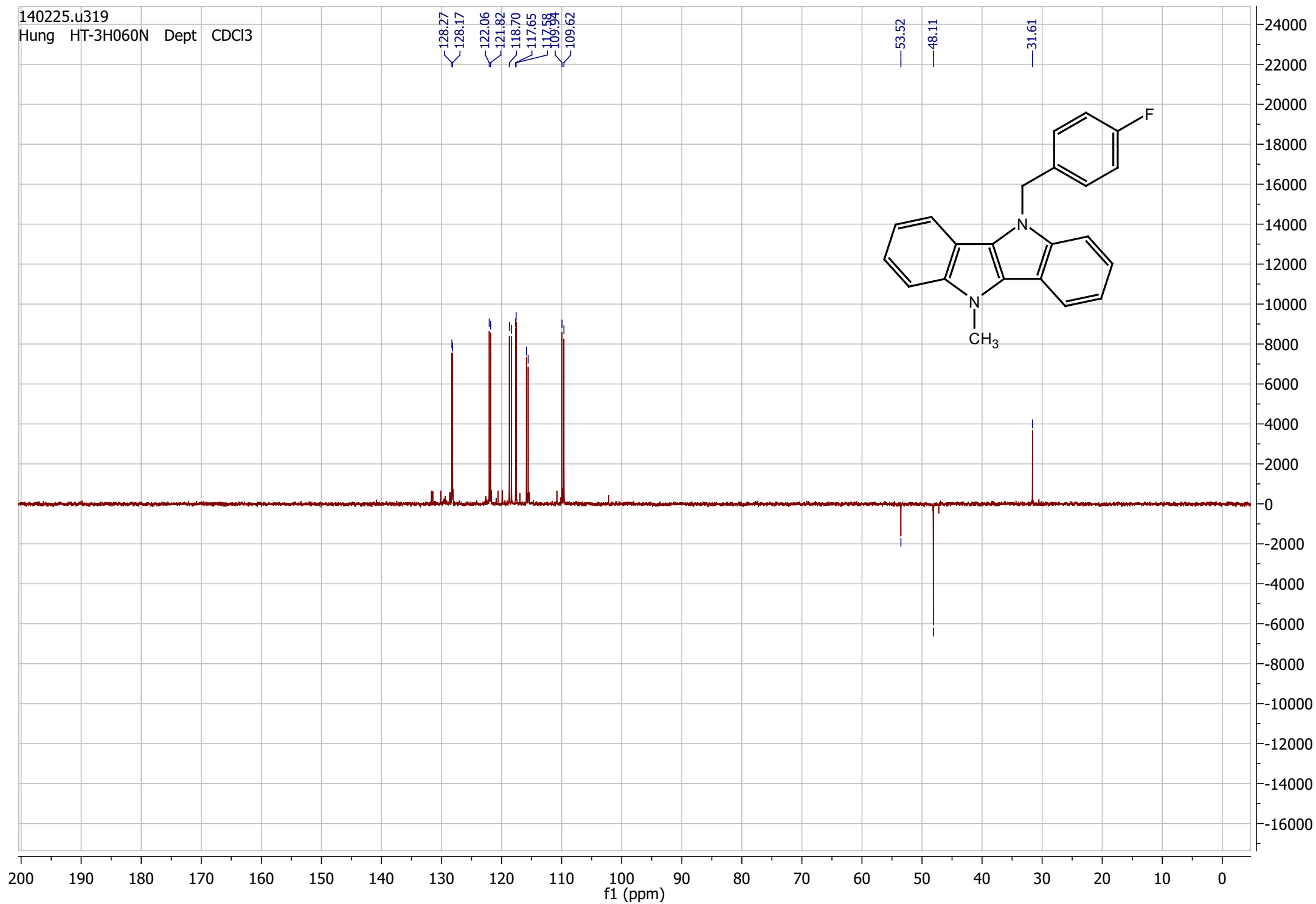
CDCl₃
161.82
160.57

141.21
140.81
133.84
133.80
128.27
128.17
126.89
125.71
122.06
121.82
118.70
118.36
117.65
117.58
115.86
115.57
115.25
114.64
109.94
109.62

53.52
48.11
31.61

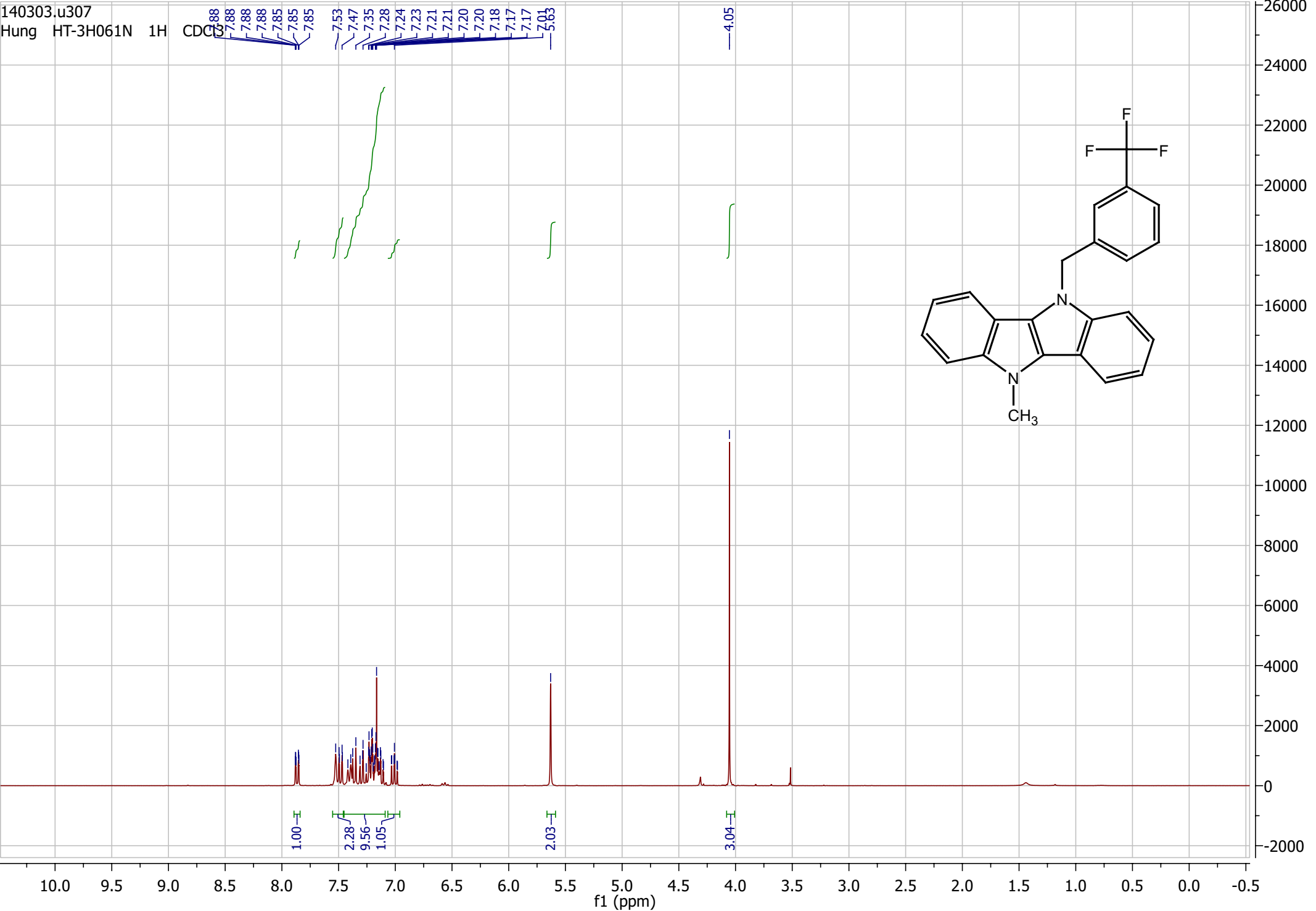


140225.u319

Hung HT-3H060N Dept CDCl₃

140303.u307
Hung HT-3H061N 1H

CDCS
7.88
7.88
7.88
7.85
7.85
7.53
7.47
7.35
7.28
7.24
7.23
7.21
7.21
7.20
7.20
7.18
7.17
7.17
5.01
5.01



1.00

2.28

9.56

1.05

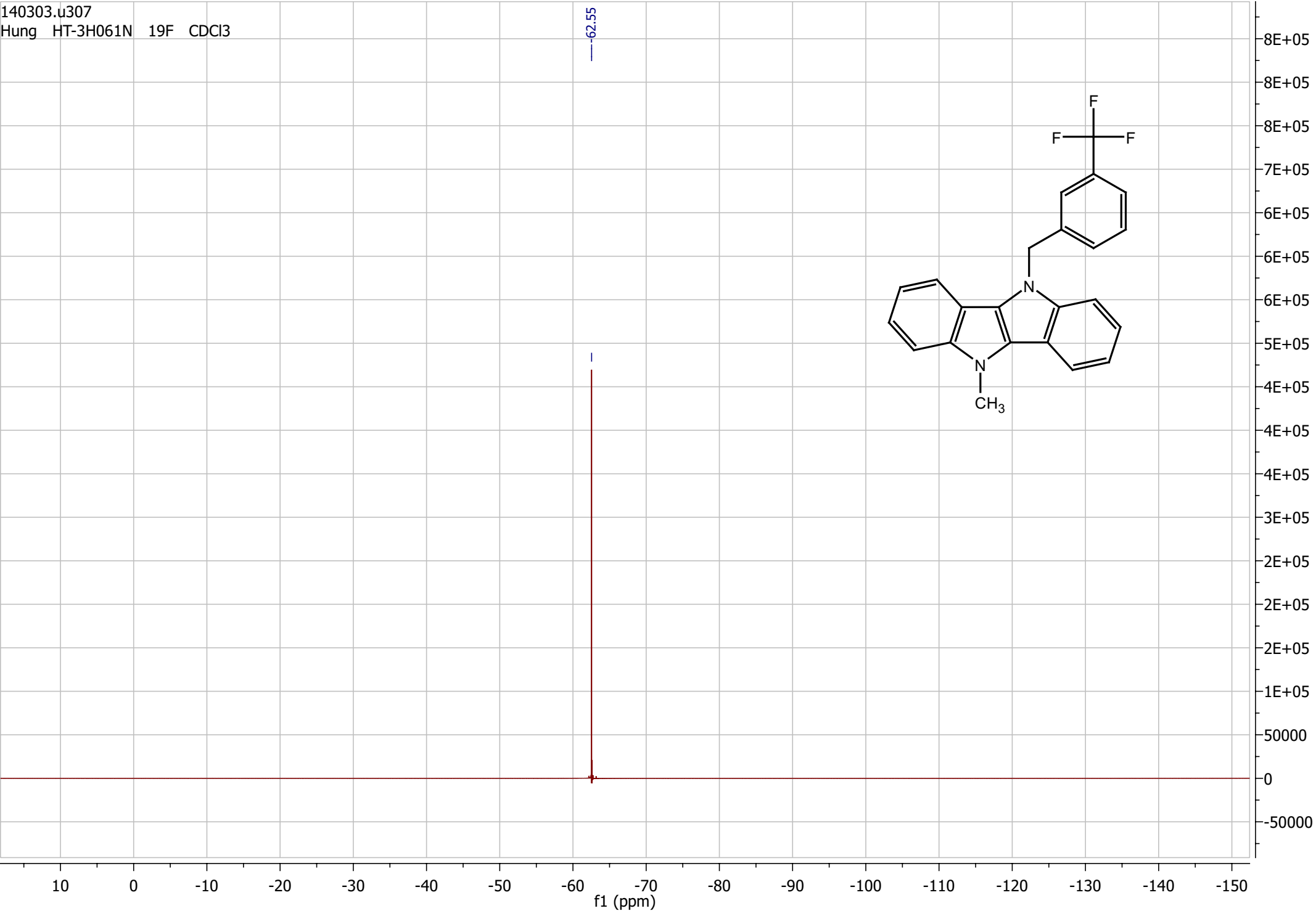
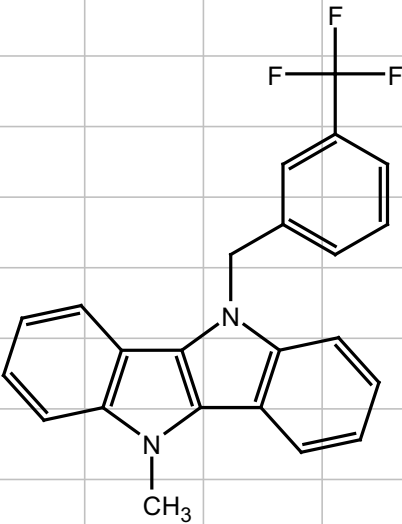
2.03

3.04

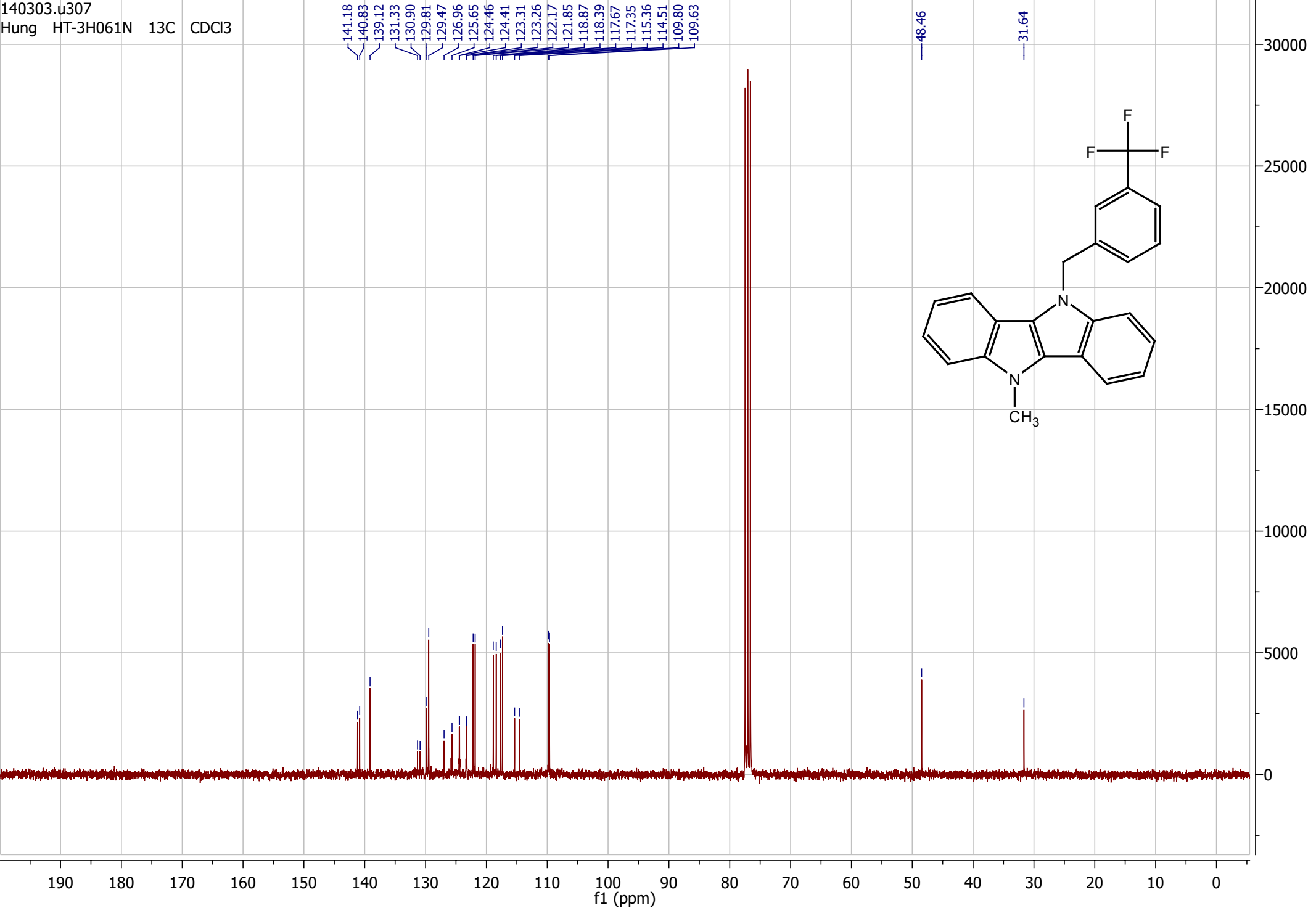
f1 (ppm)

140303.u307
Hung HT-3H061N 19F CDCl3

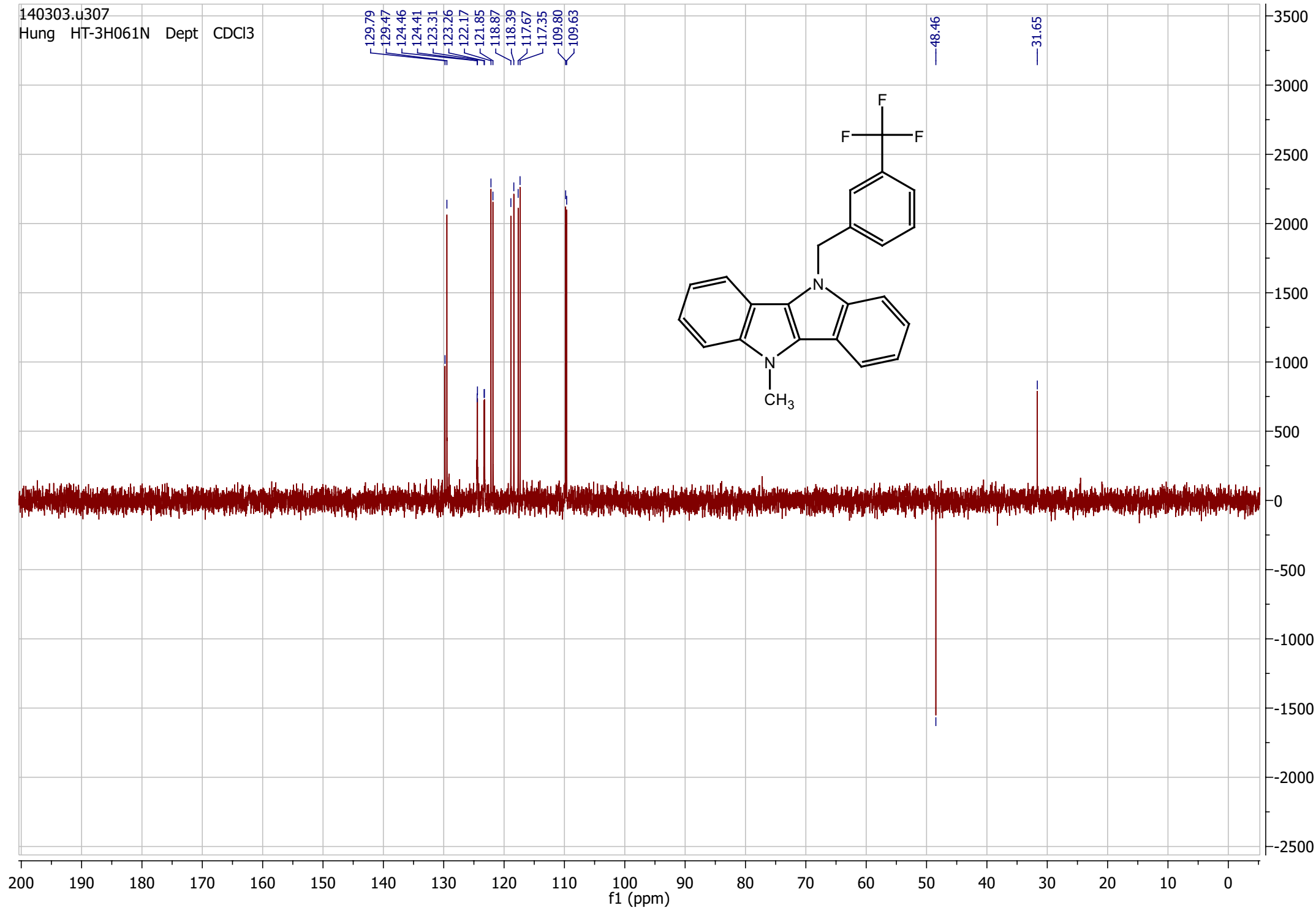
— -62.55



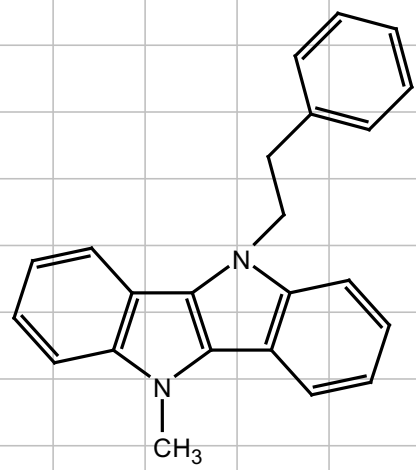
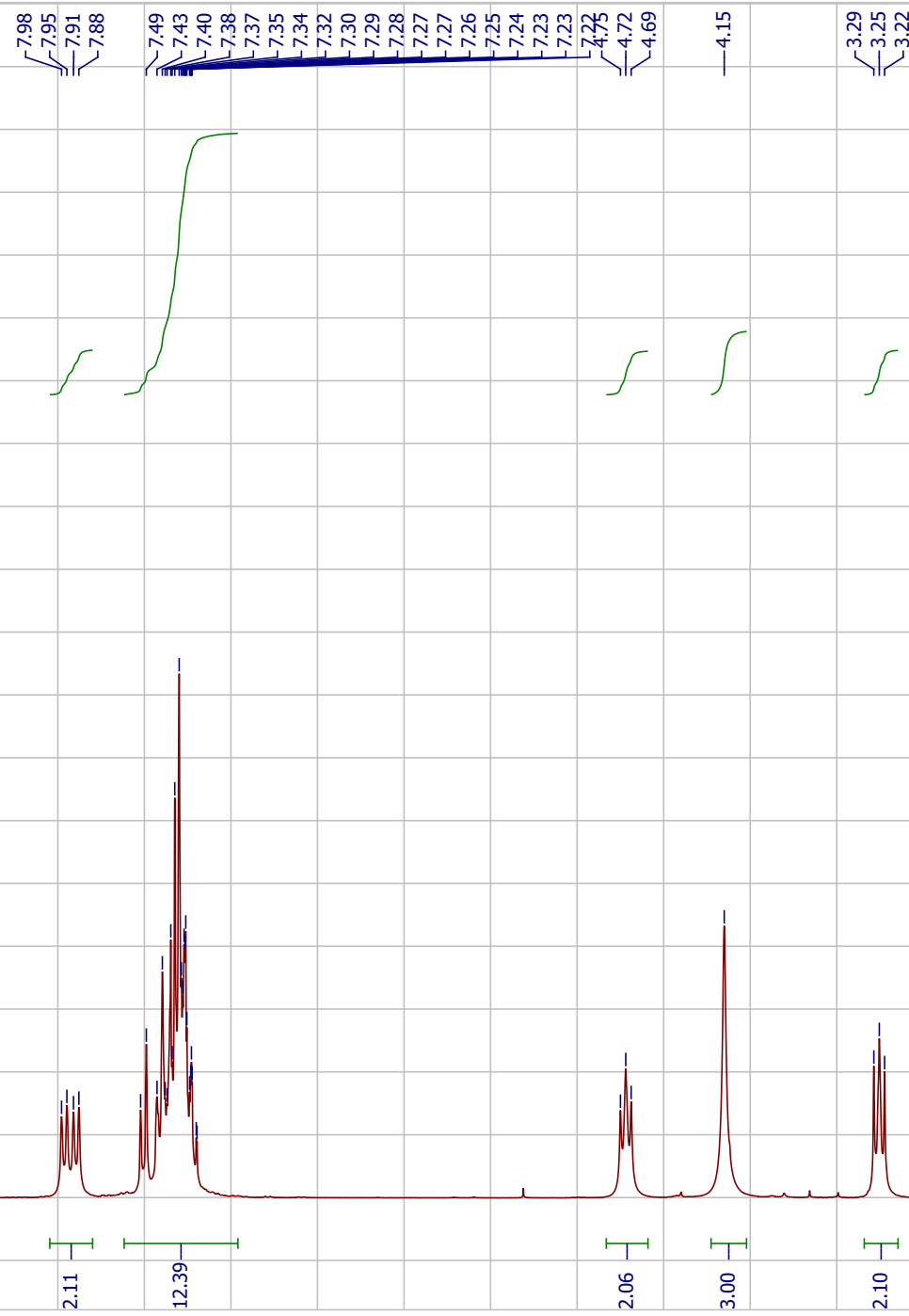
140303.u307
Hung HT-3H061N 13C CDCl3



140303.u307

Hung HT-3H061N Dept CDCl₃

140219.203
Hung HT-3H062N 1H CDCl3

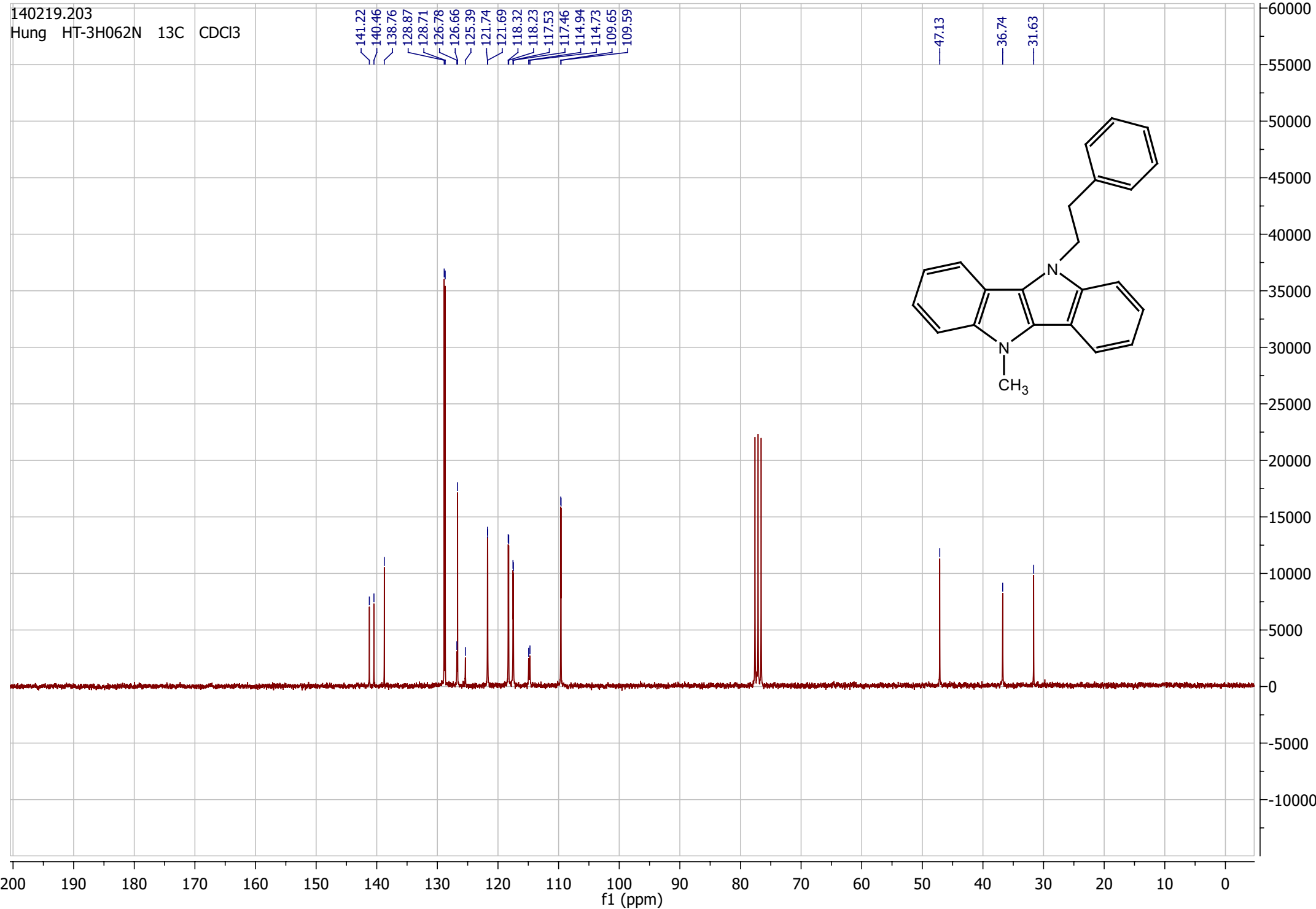
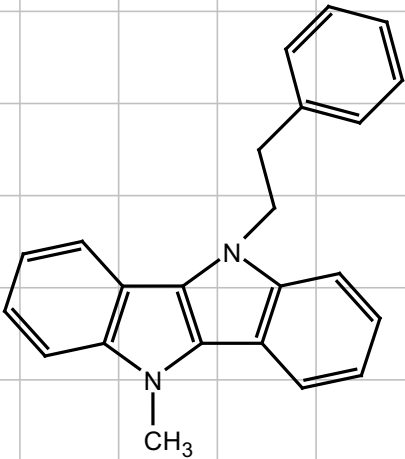


f1 (ppm)

140219.203
Hung HT-3H062N 13C CDCl3

141.22
140.46
138.76
128.87
128.71
126.78
126.66
125.39
121.74
121.69
118.32
118.23
117.53
117.46
114.94
114.73
109.65
109.59

47.13
36.74
31.63



140219.203
Hung HT-3H062N Dept CDCl3

128.88
128.71
126.66
121.74
121.69
118.32
118.23
117.53
117.46
109.65
109.60

47.13
36.74
31.63

