

Supplementary Information

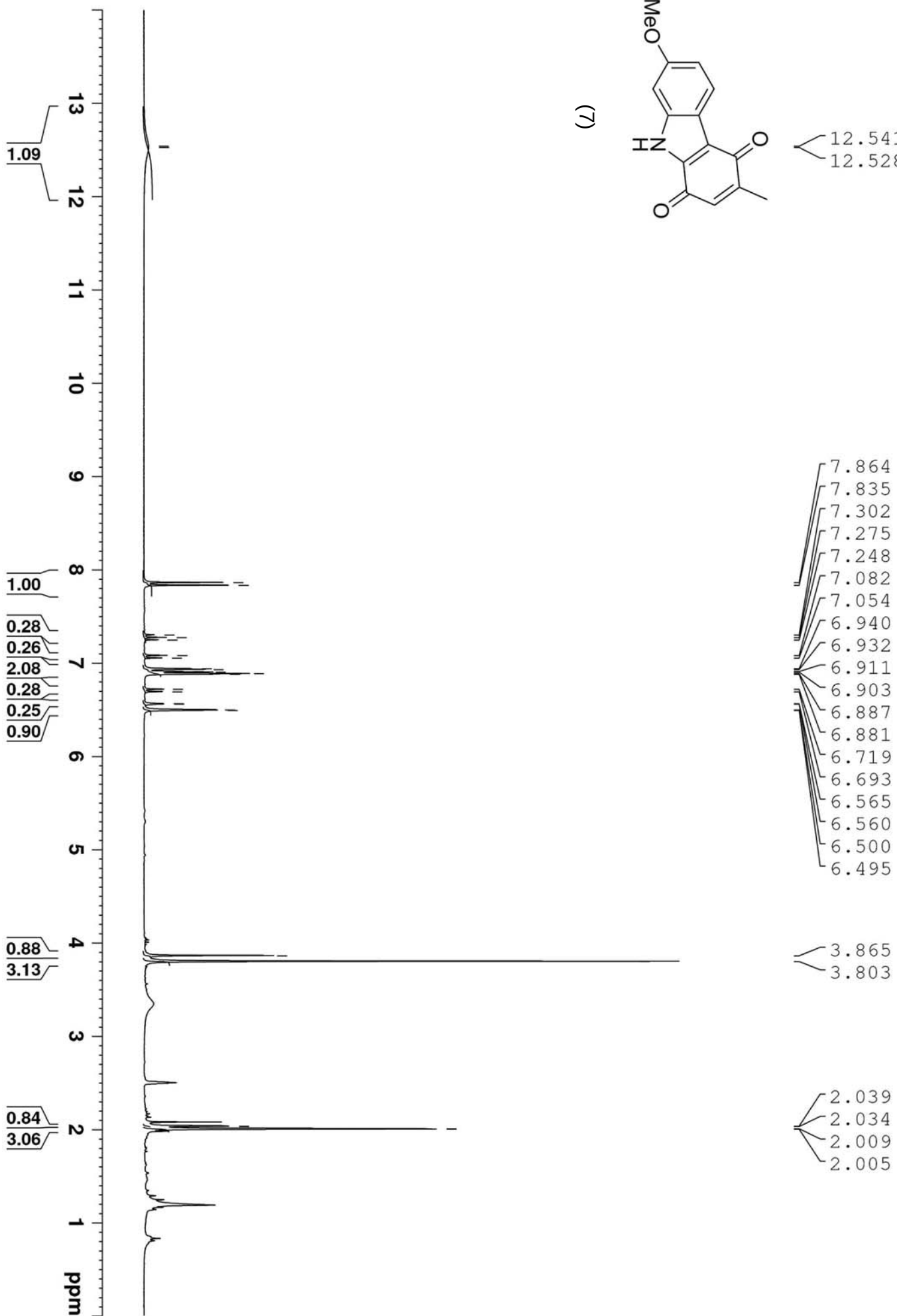
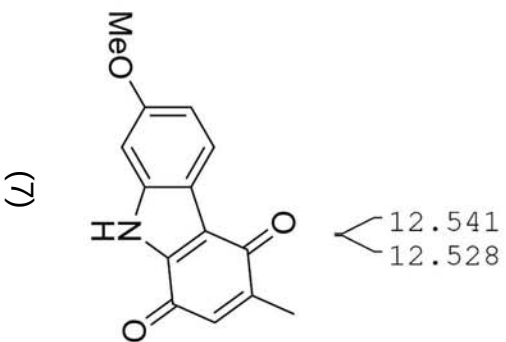
Synthesis of carbazoloquinone natural products 'on-water'

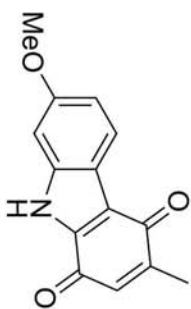
P. Norcott and C. S. P. McErlean

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Fax: +61 2 9351 3329; Tel: +61 2 9351 3970;

E-mail: christopher.mcerlean@sydney.edu.au





(7)

183.24
180.45
179.89
179.42

158.76
154.83

148.85
147.12

139.25
138.87
135.69
134.97
131.57
130.32
127.49

122.42
117.74
116.13
115.89
115.11
114.35

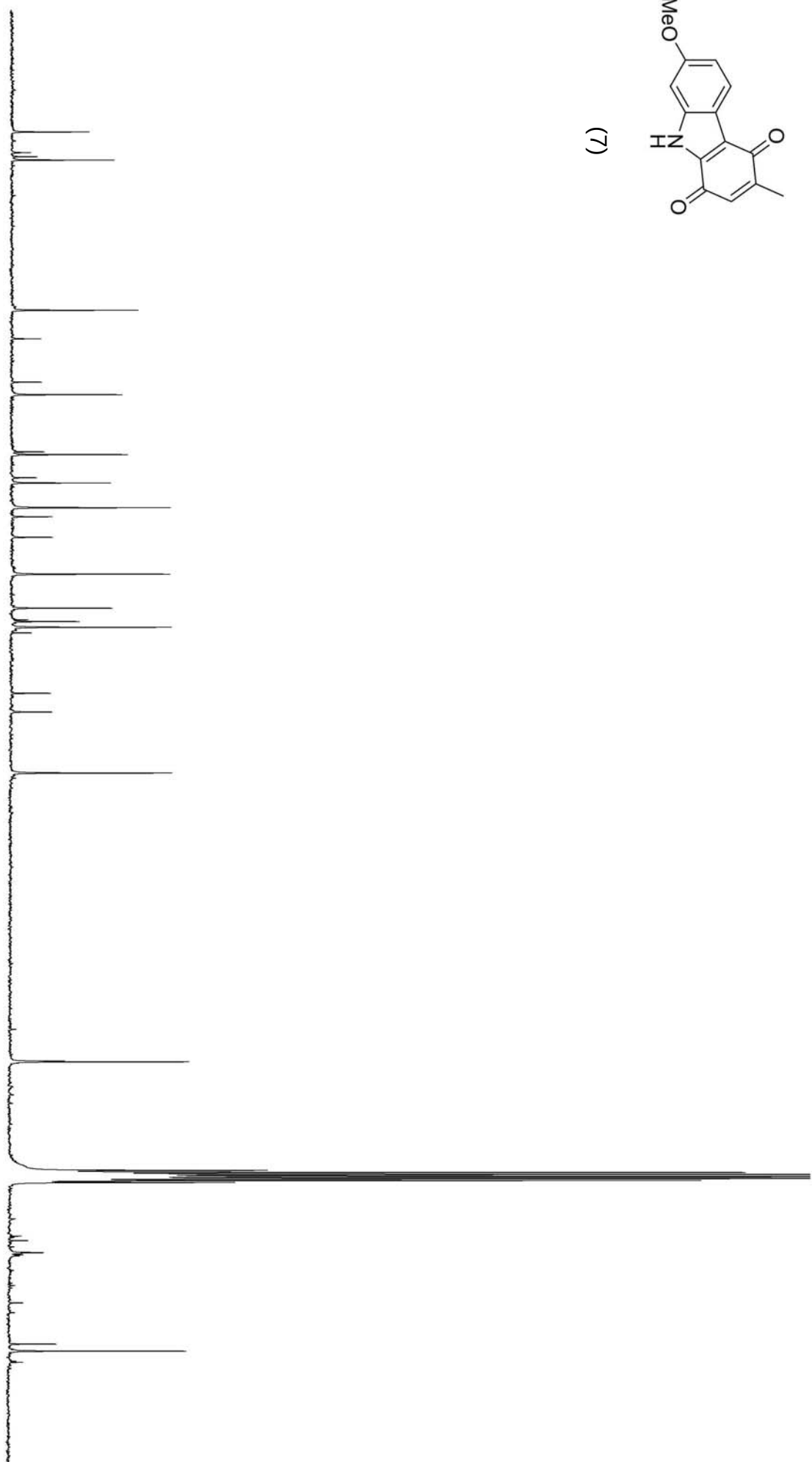
106.02
103.45

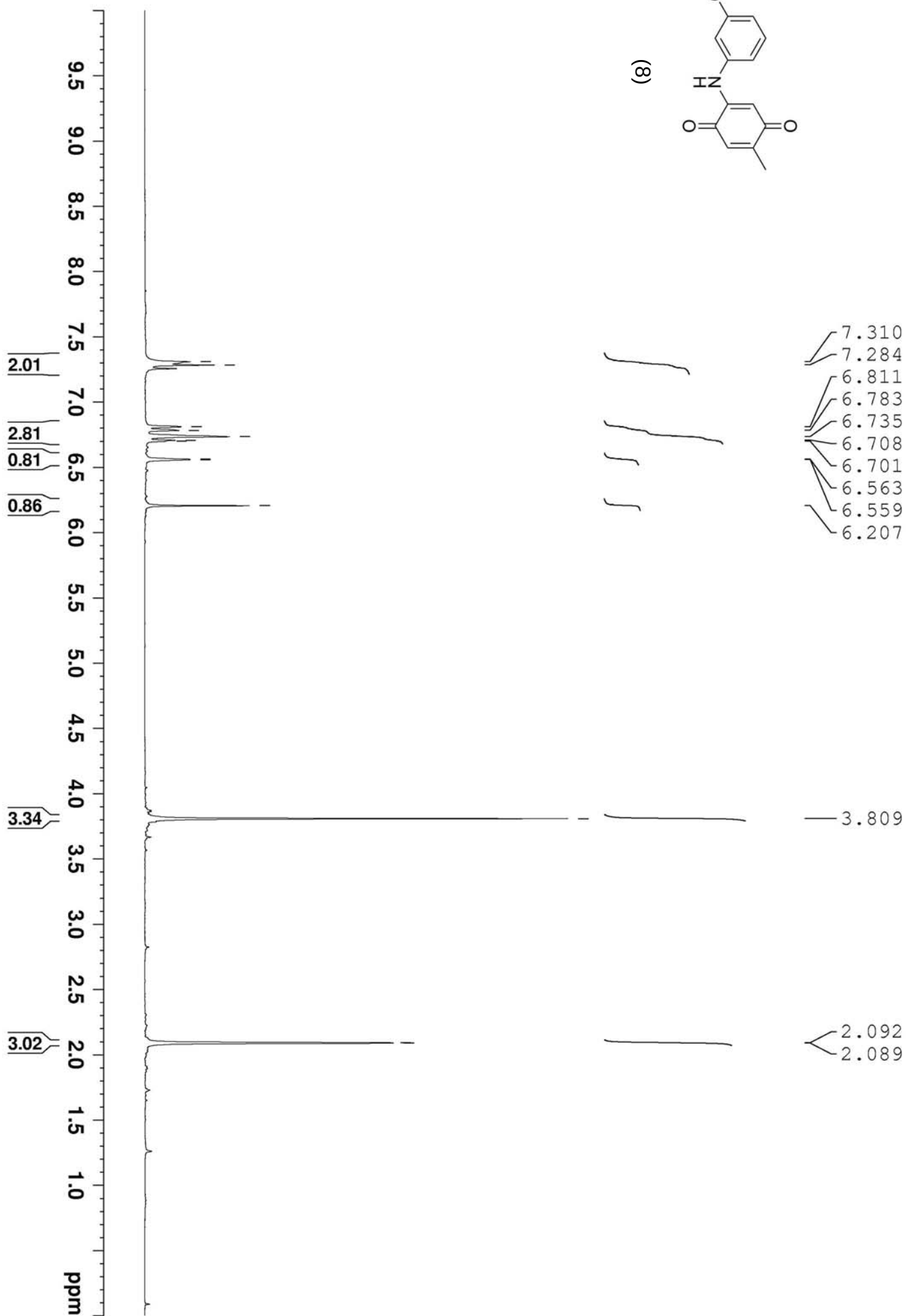
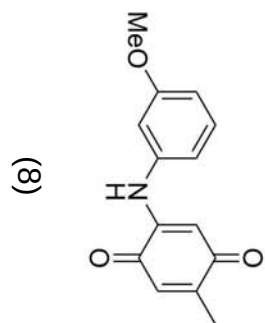
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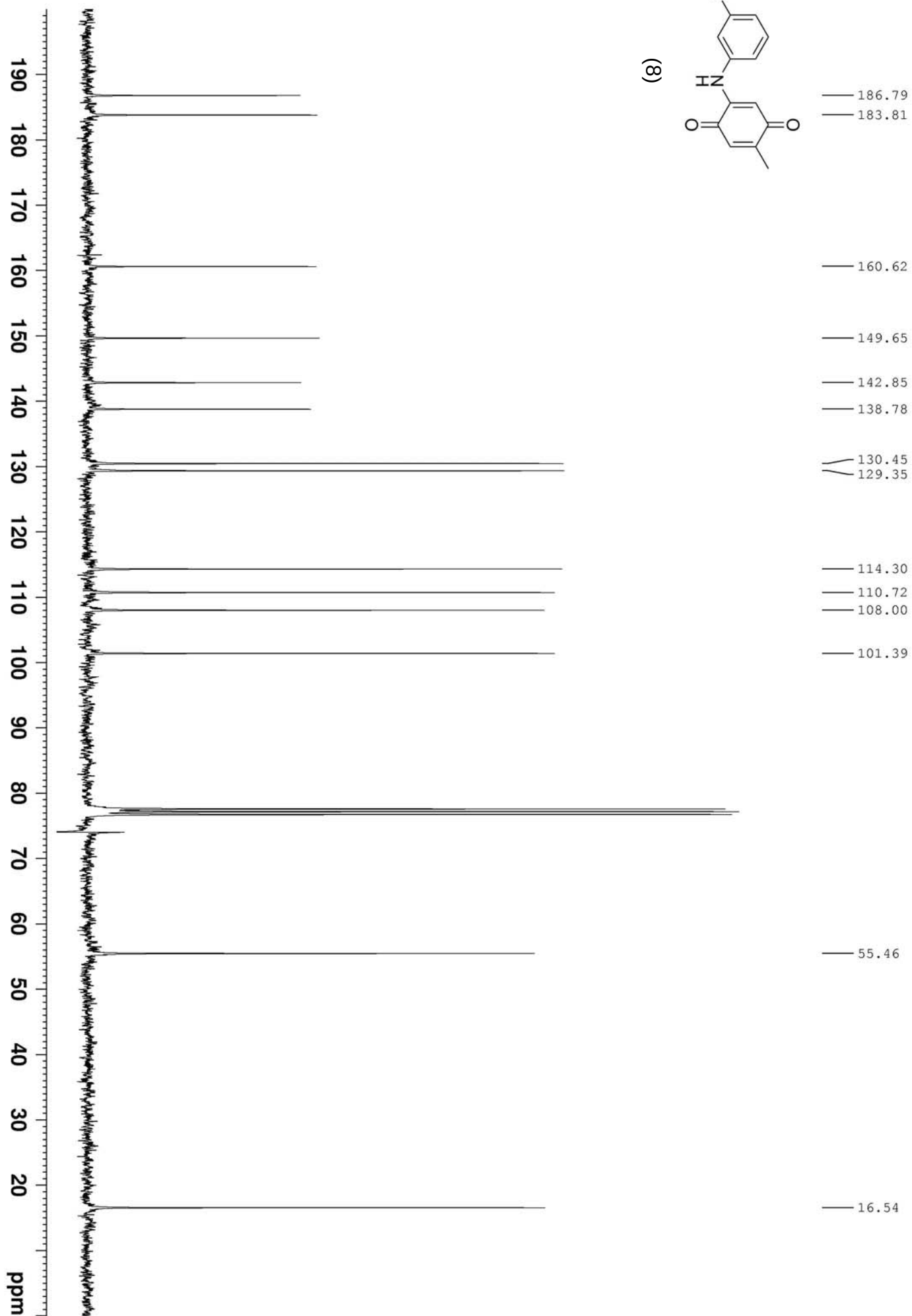
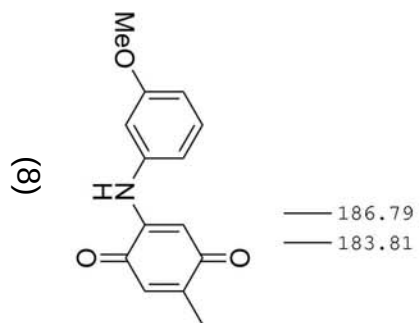
55.40
55.29

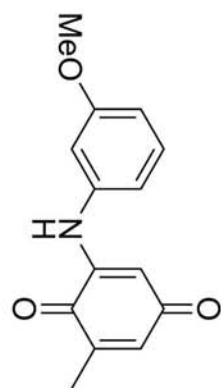
16.44
15.47

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







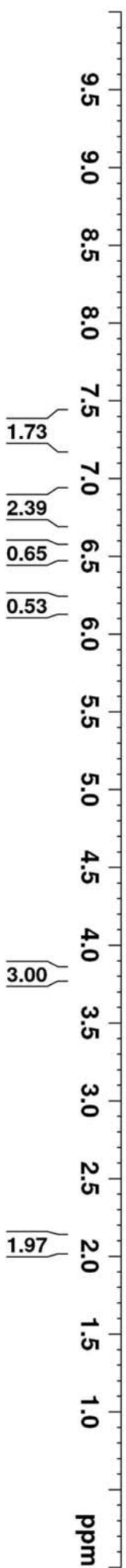


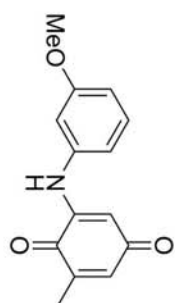
(10)

7.310
7.285
7.270
7.260
6.811
6.786
6.738
6.712
6.522
6.171
6.164

3.822

2.080





(10)

186.95
184.56

160.74

143.01
141.43
138.94
136.09

130.52

114.49

110.86

108.20

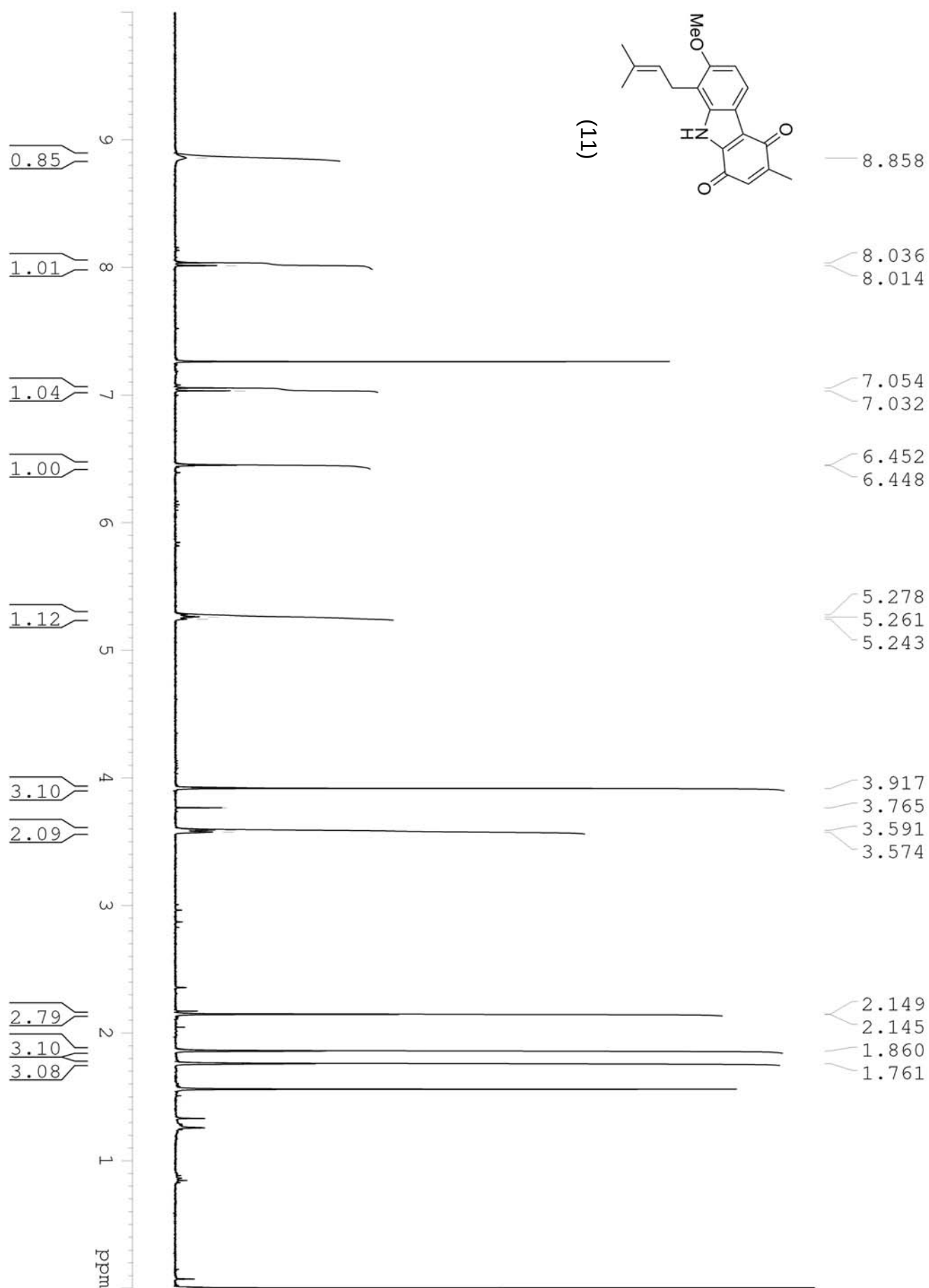
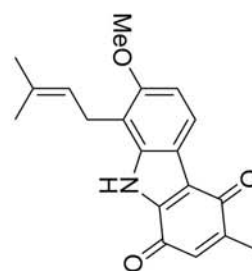
101.37

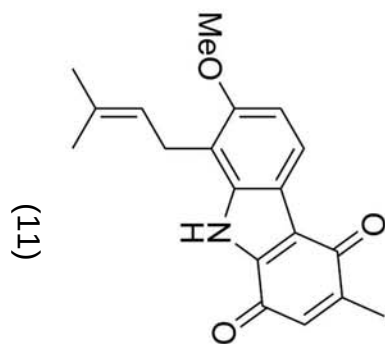
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15.62

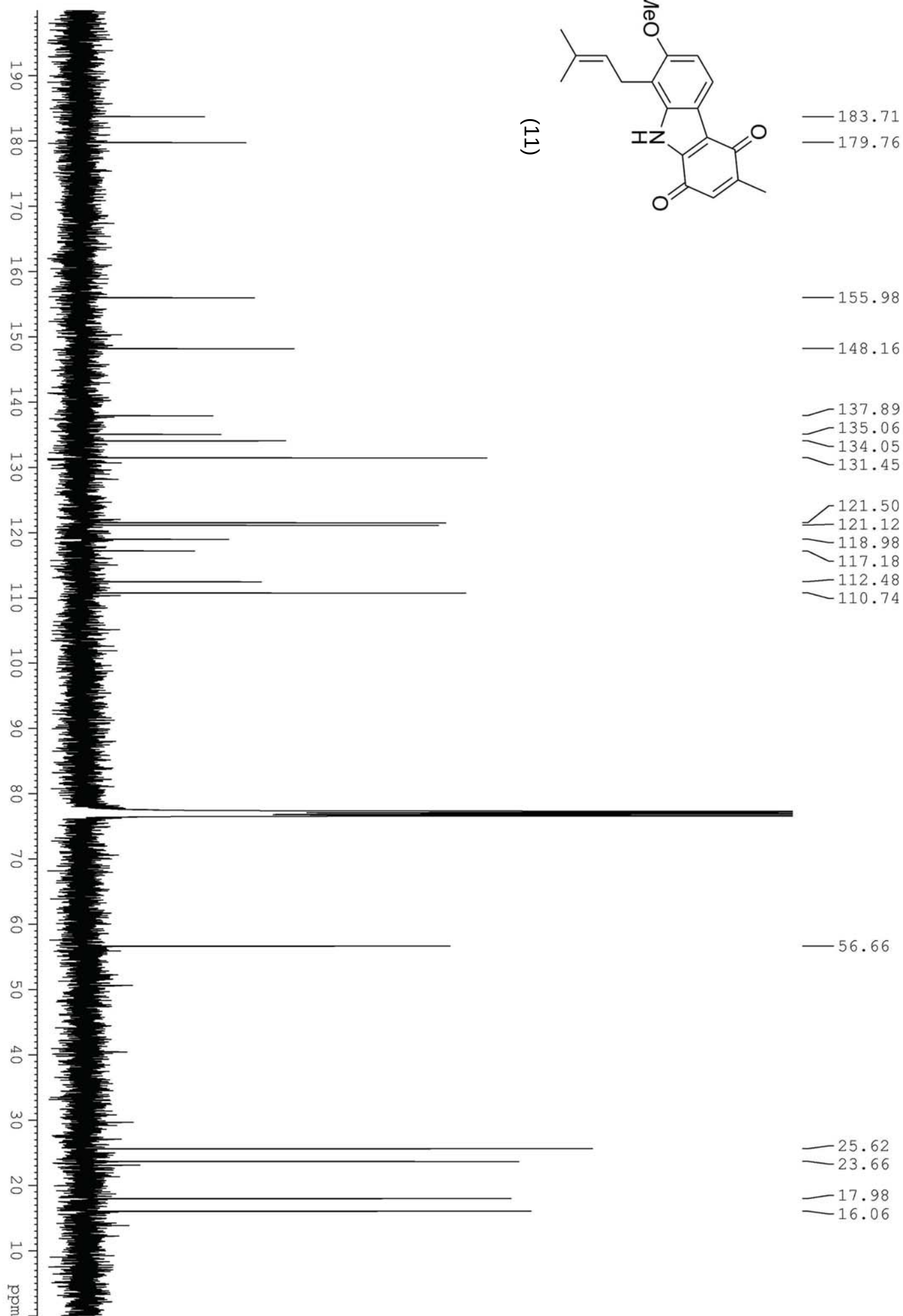


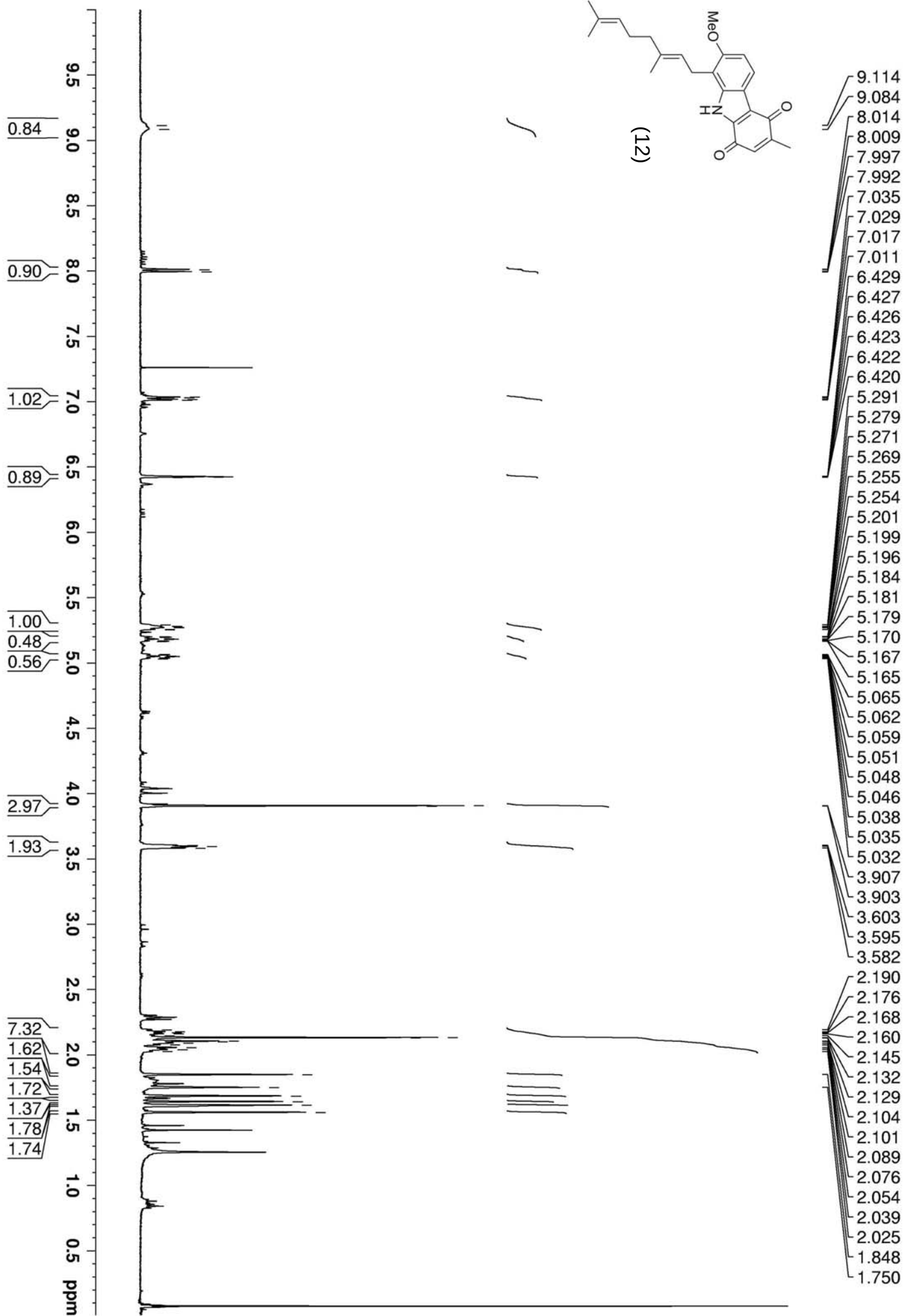
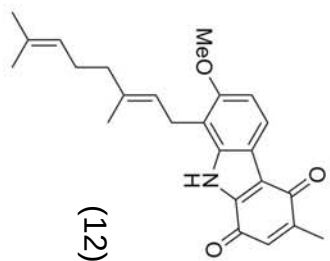
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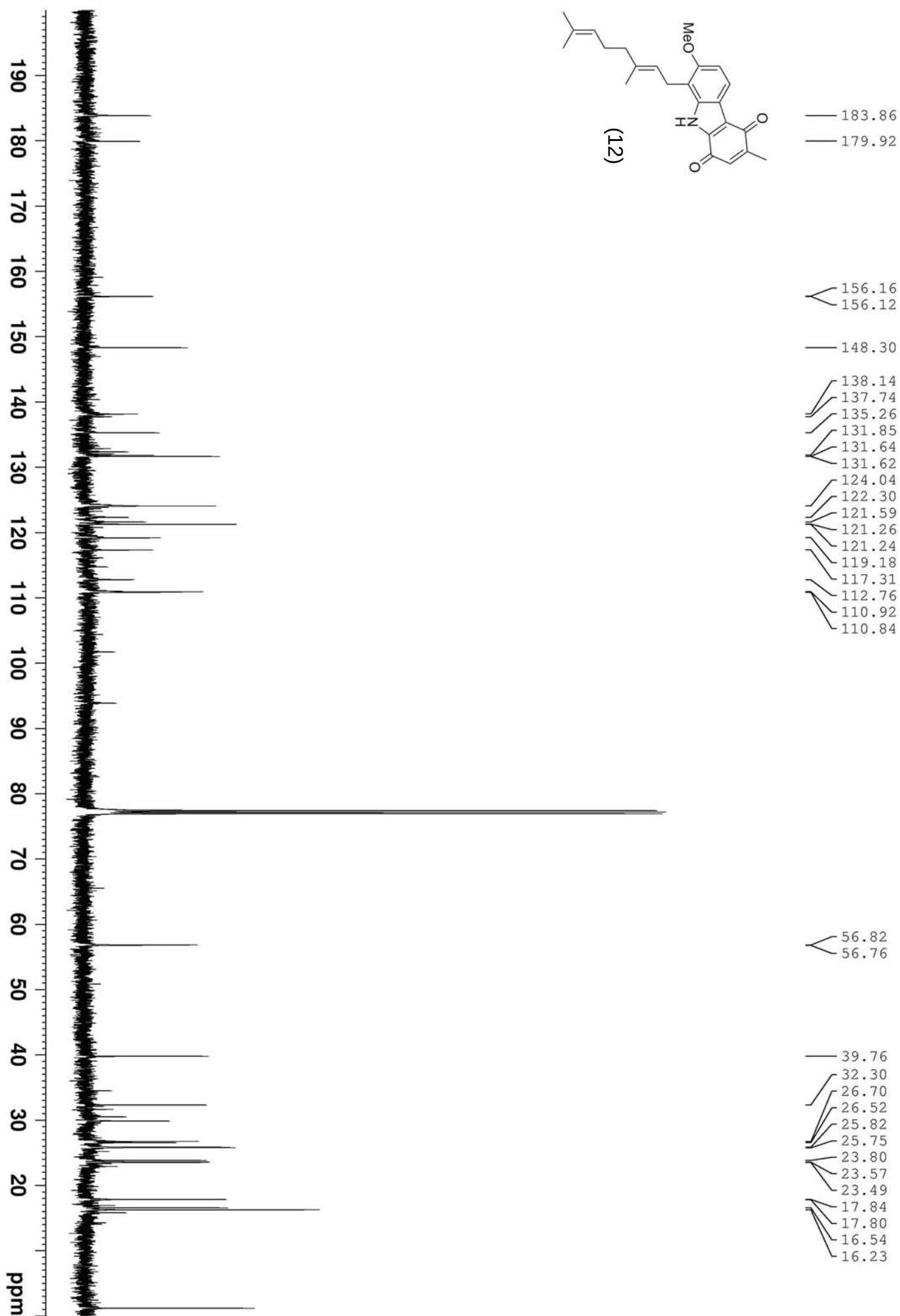
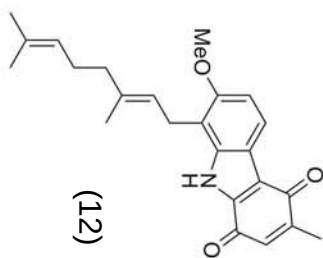


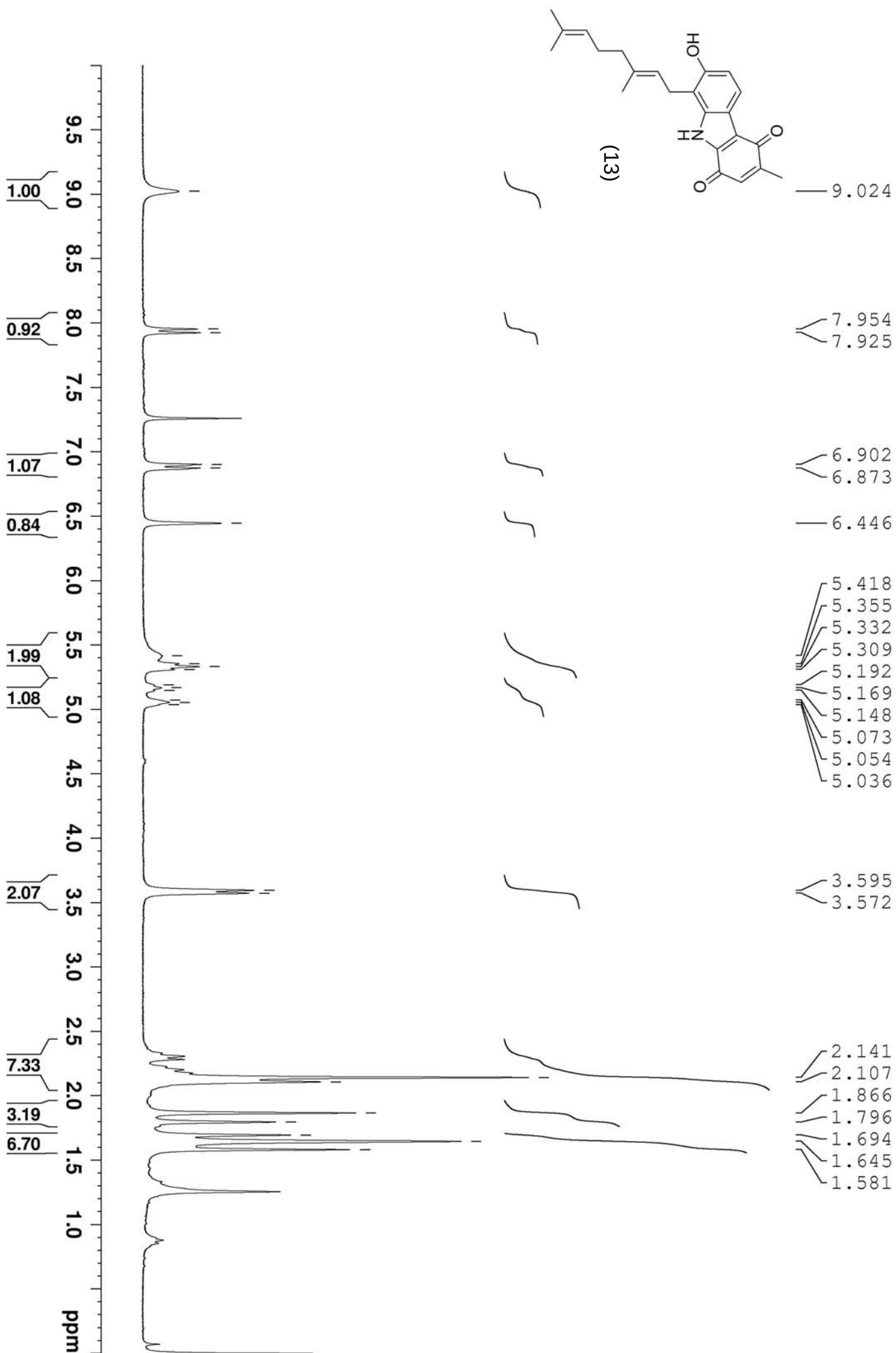


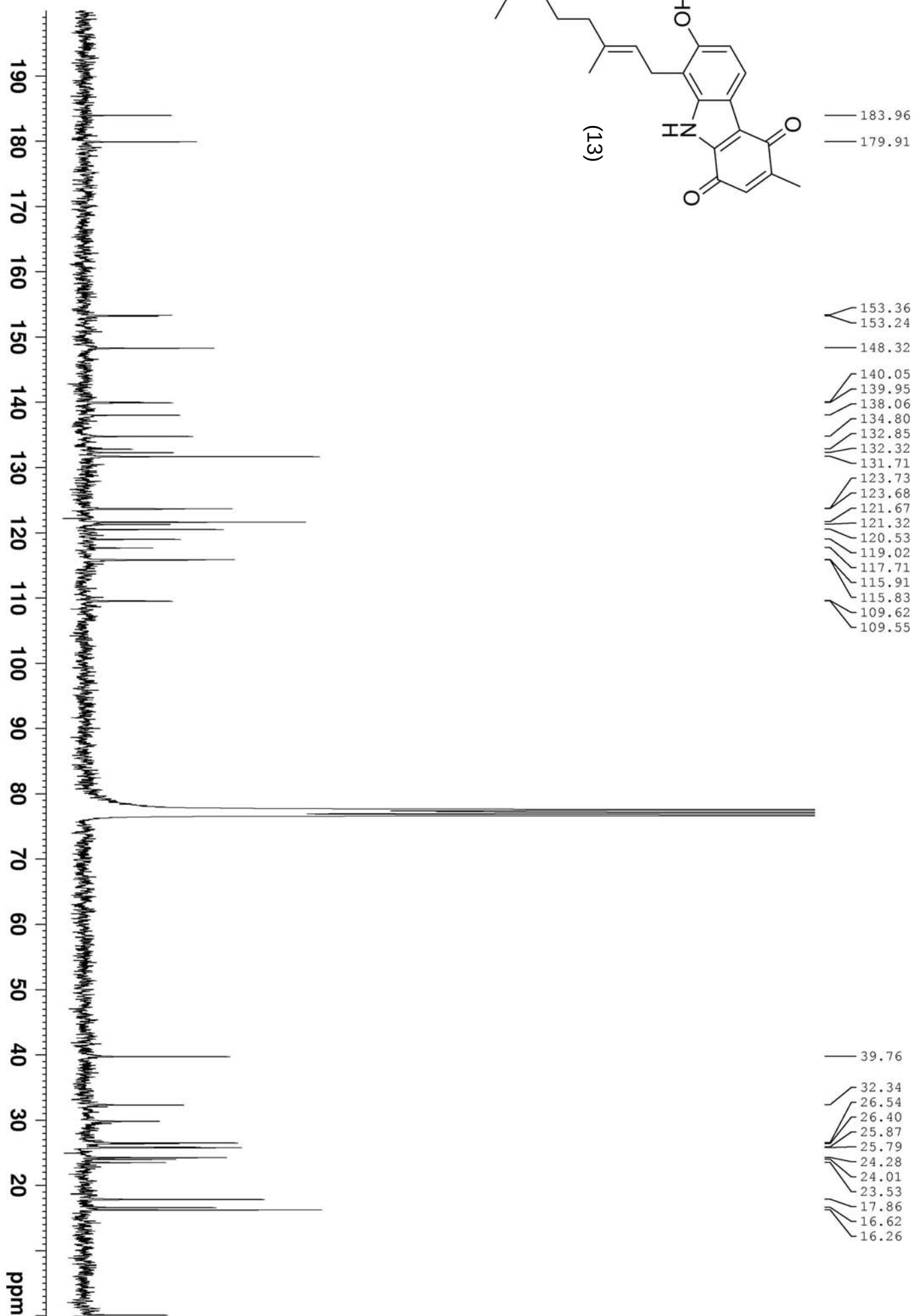
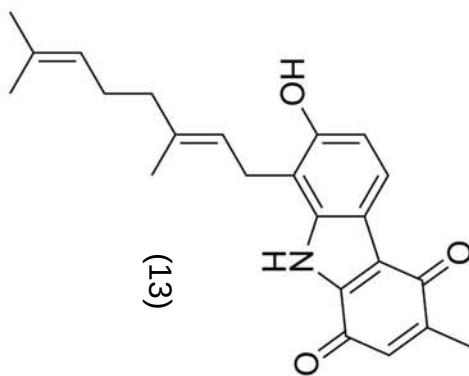
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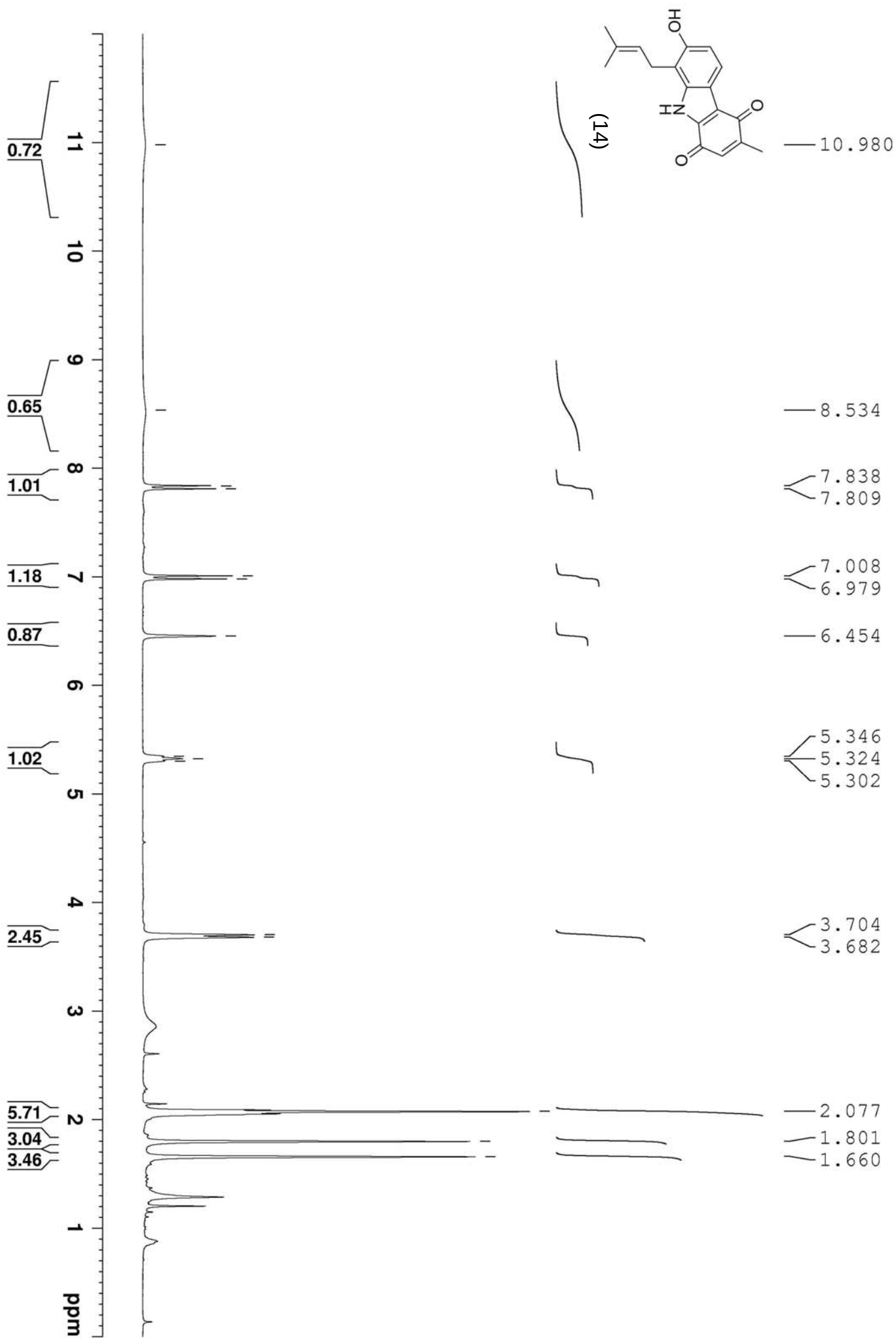


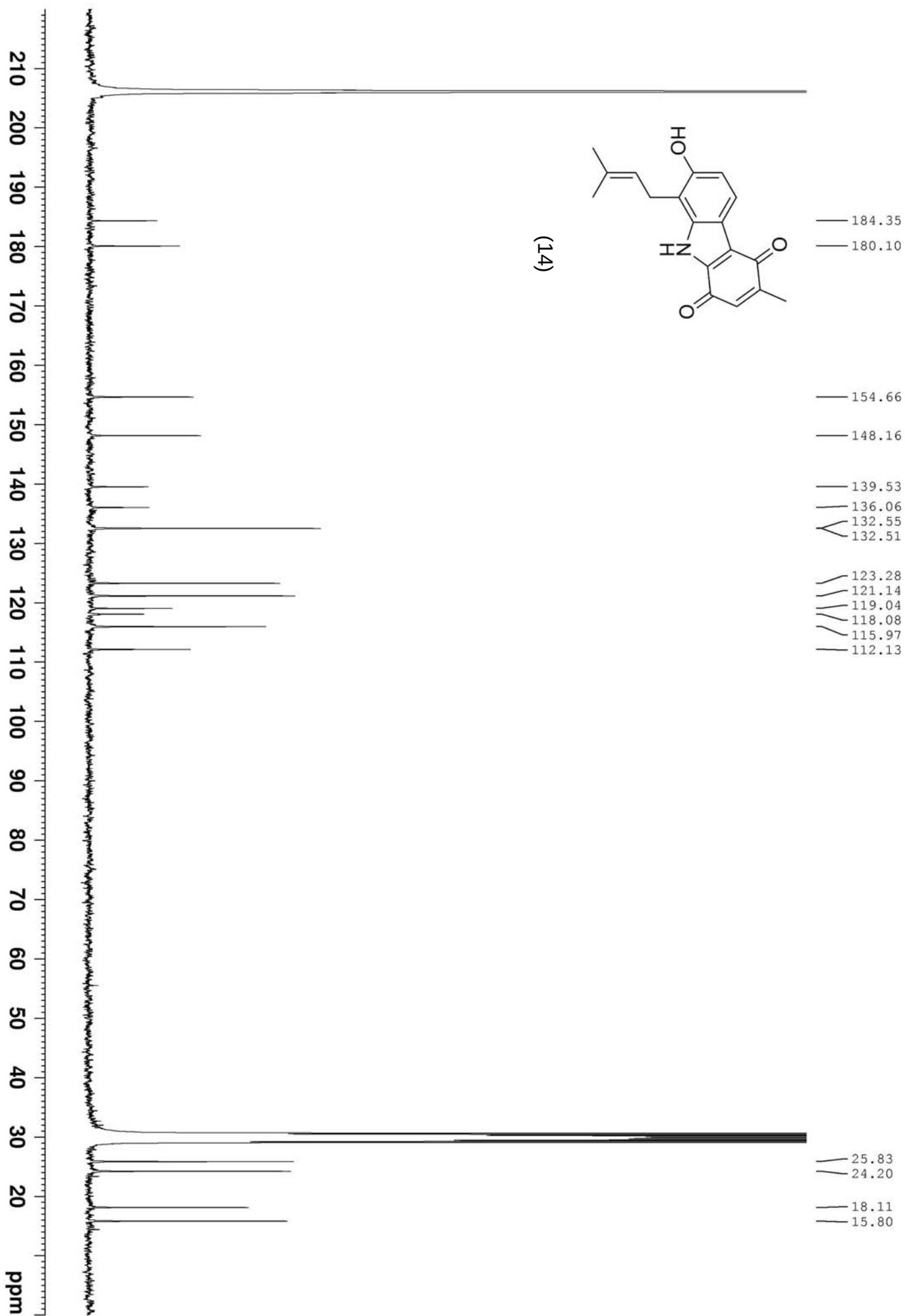


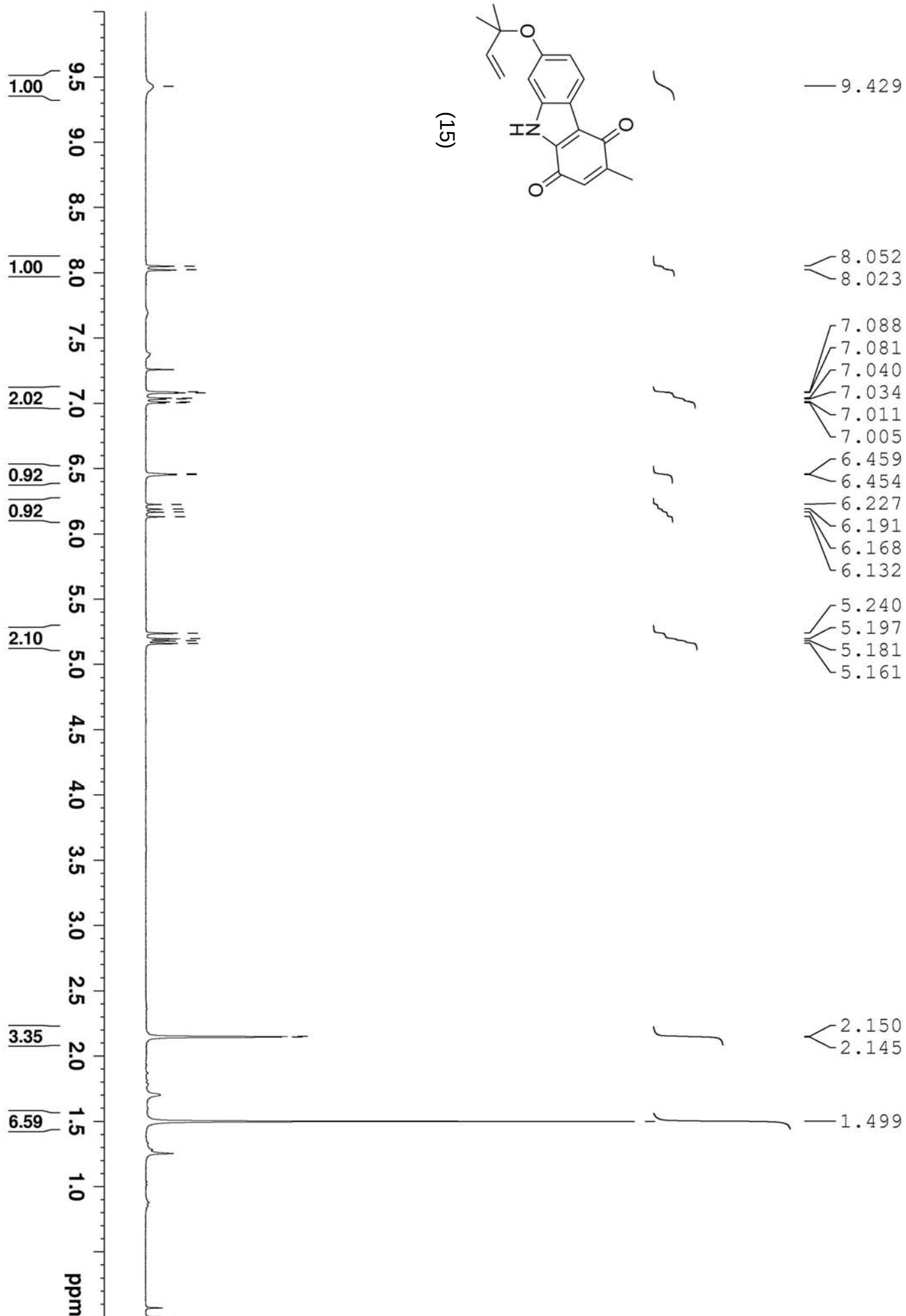
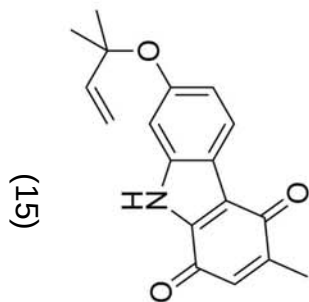




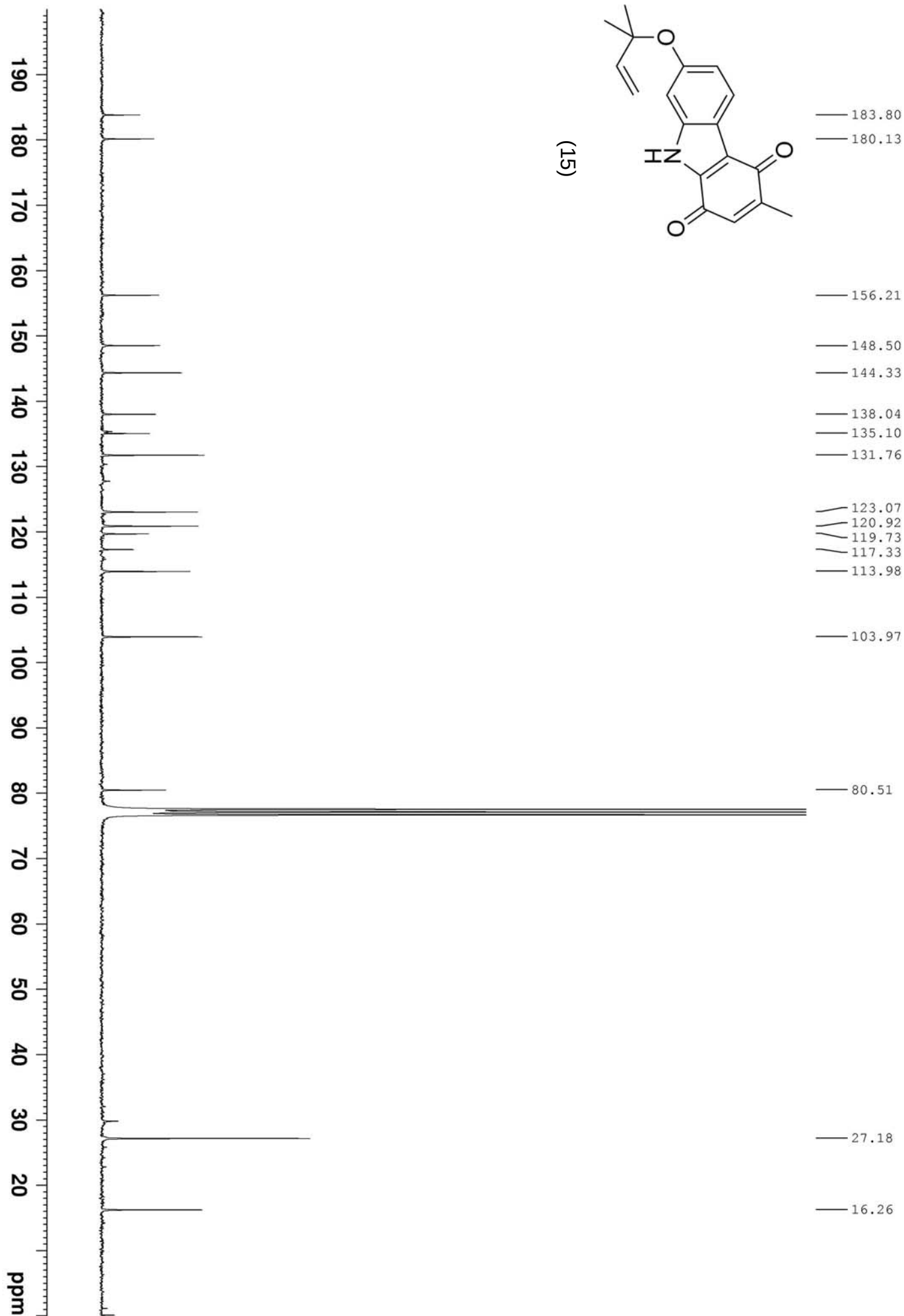
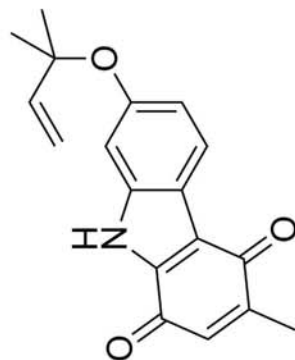


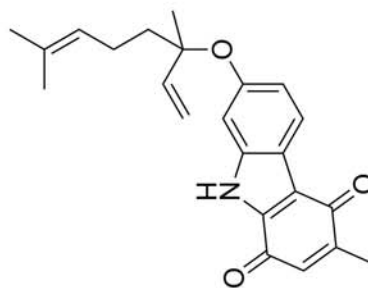




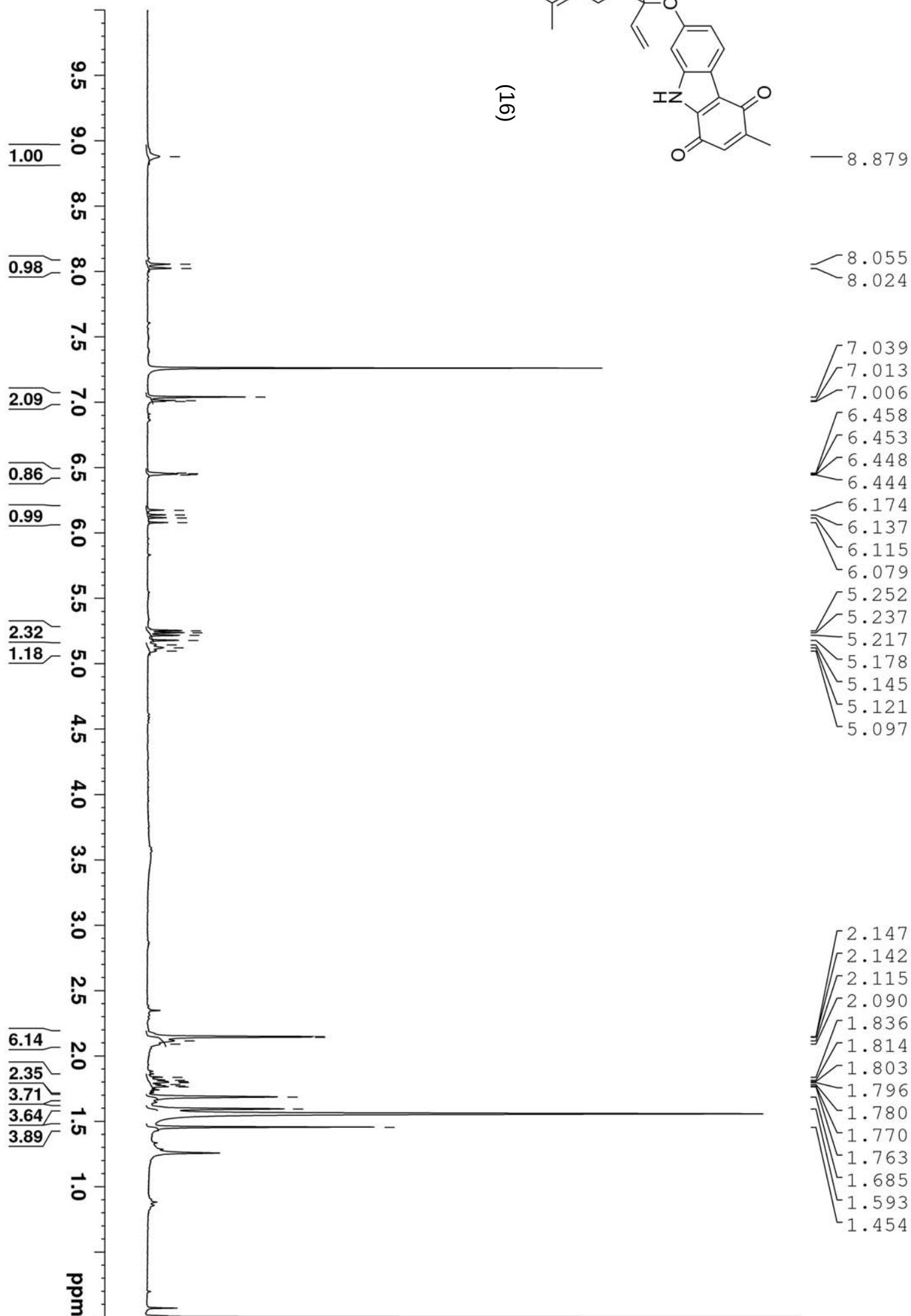


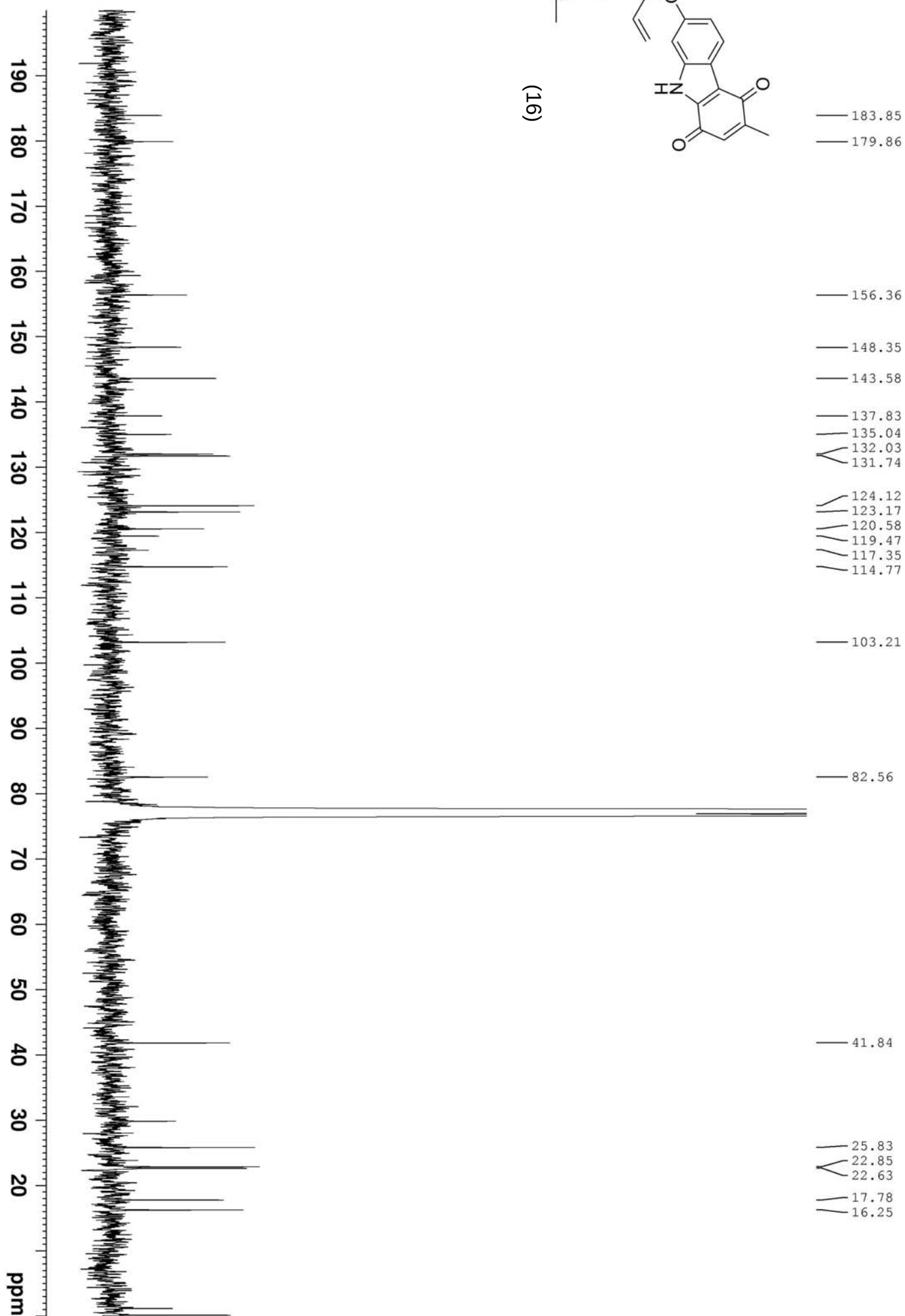
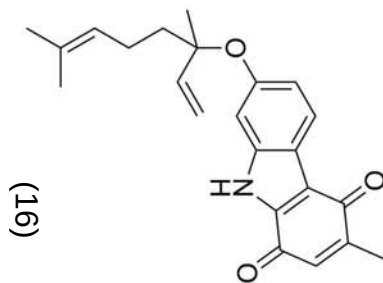
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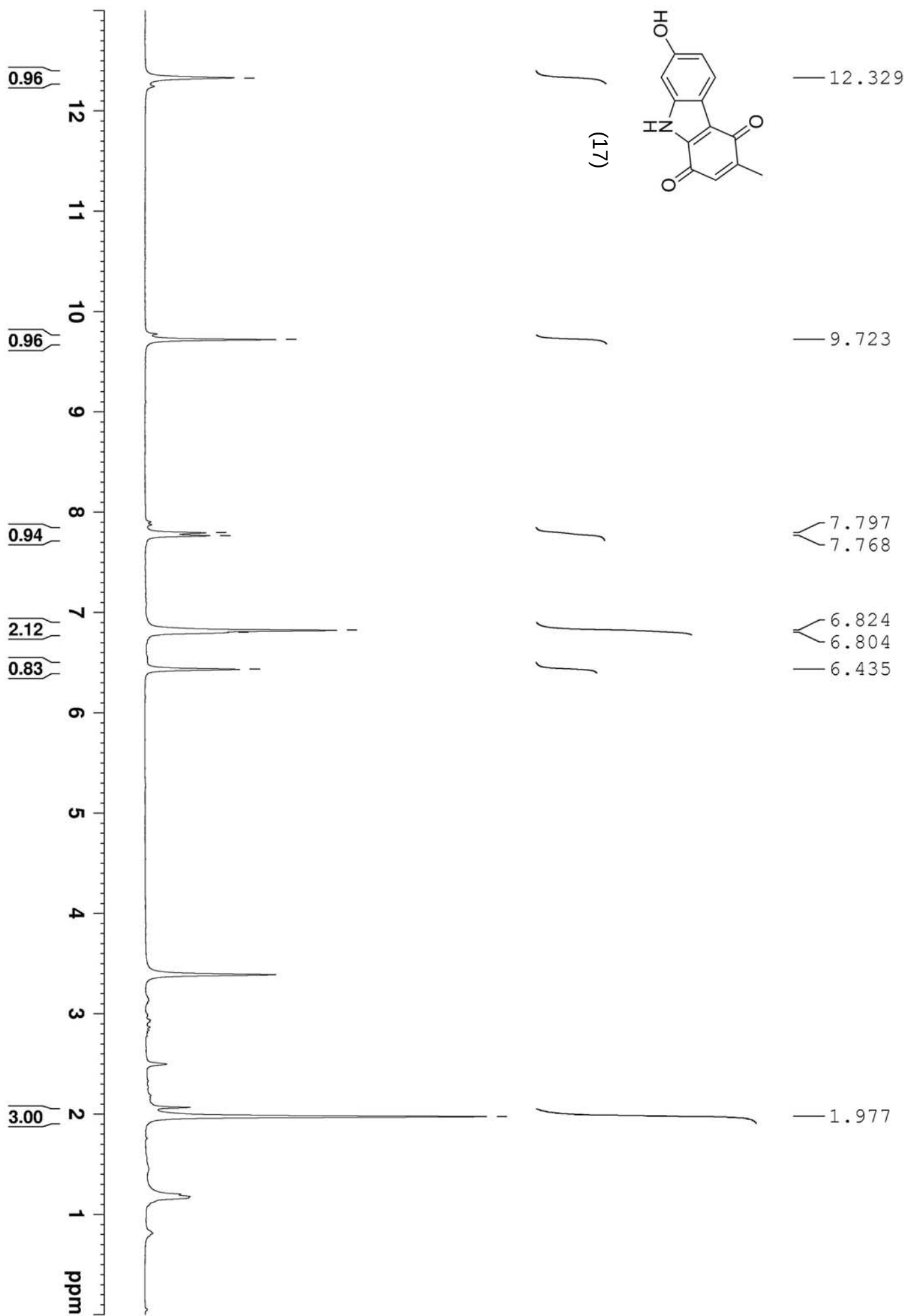


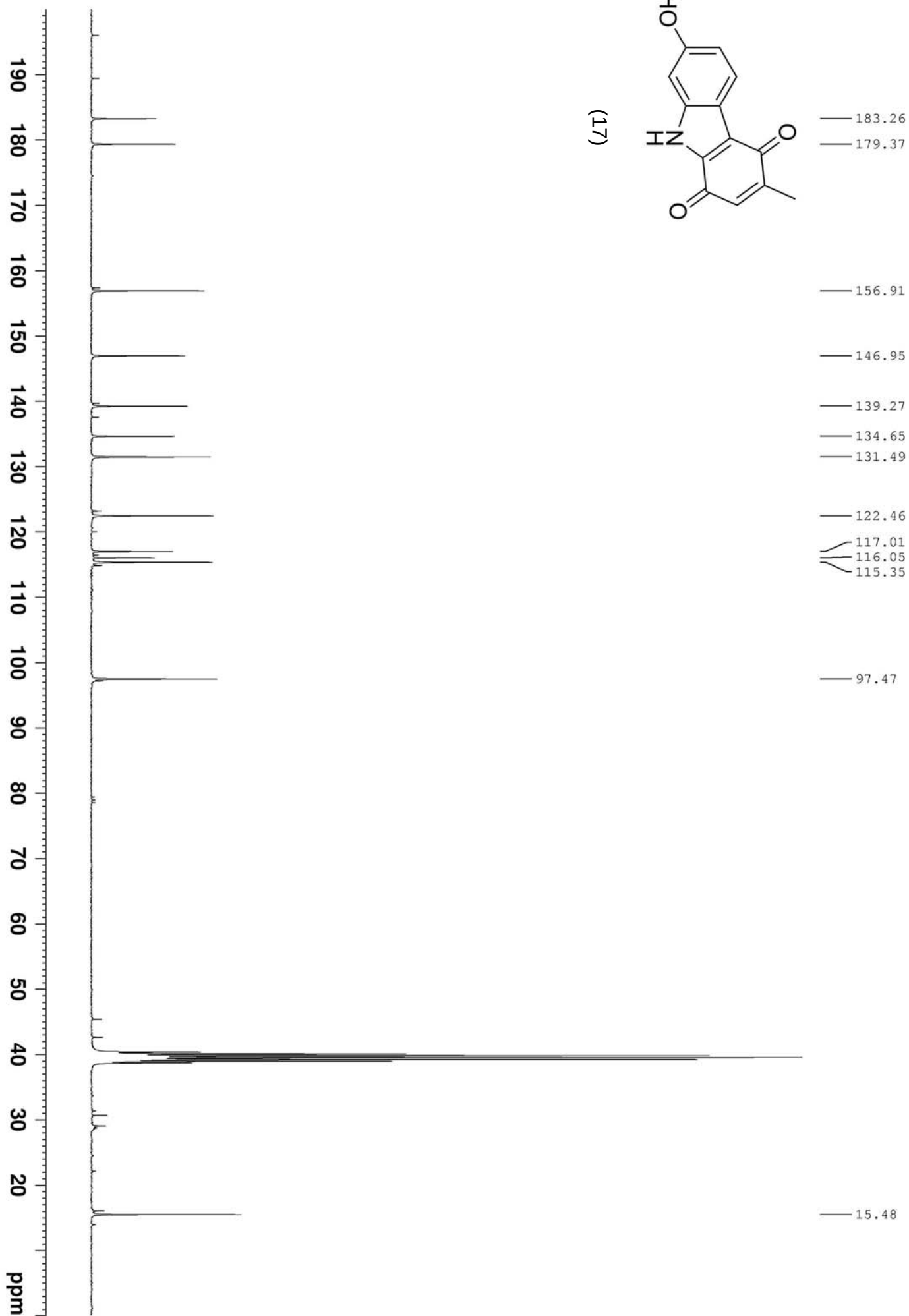
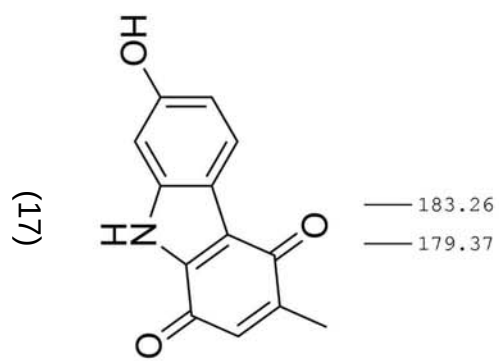


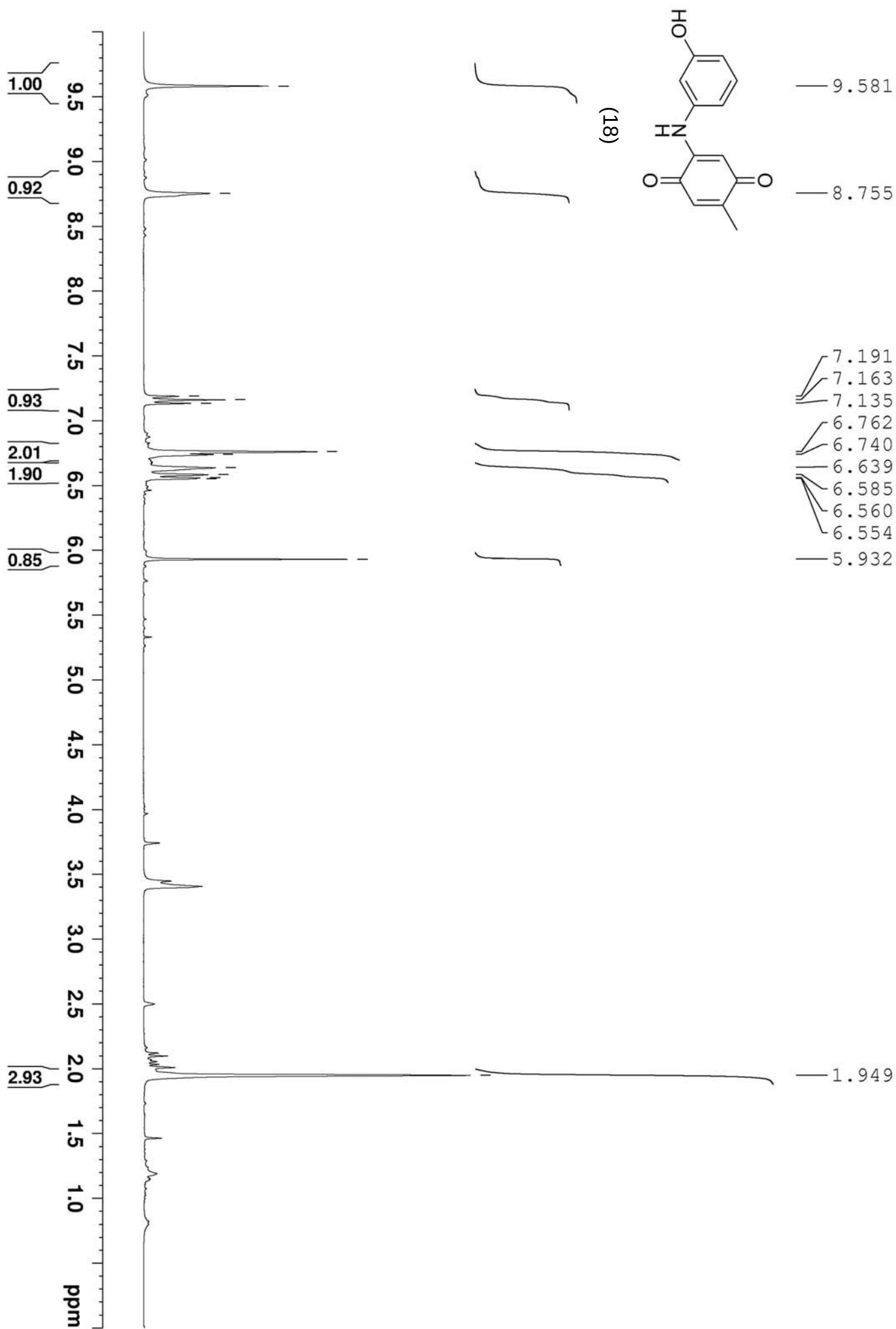
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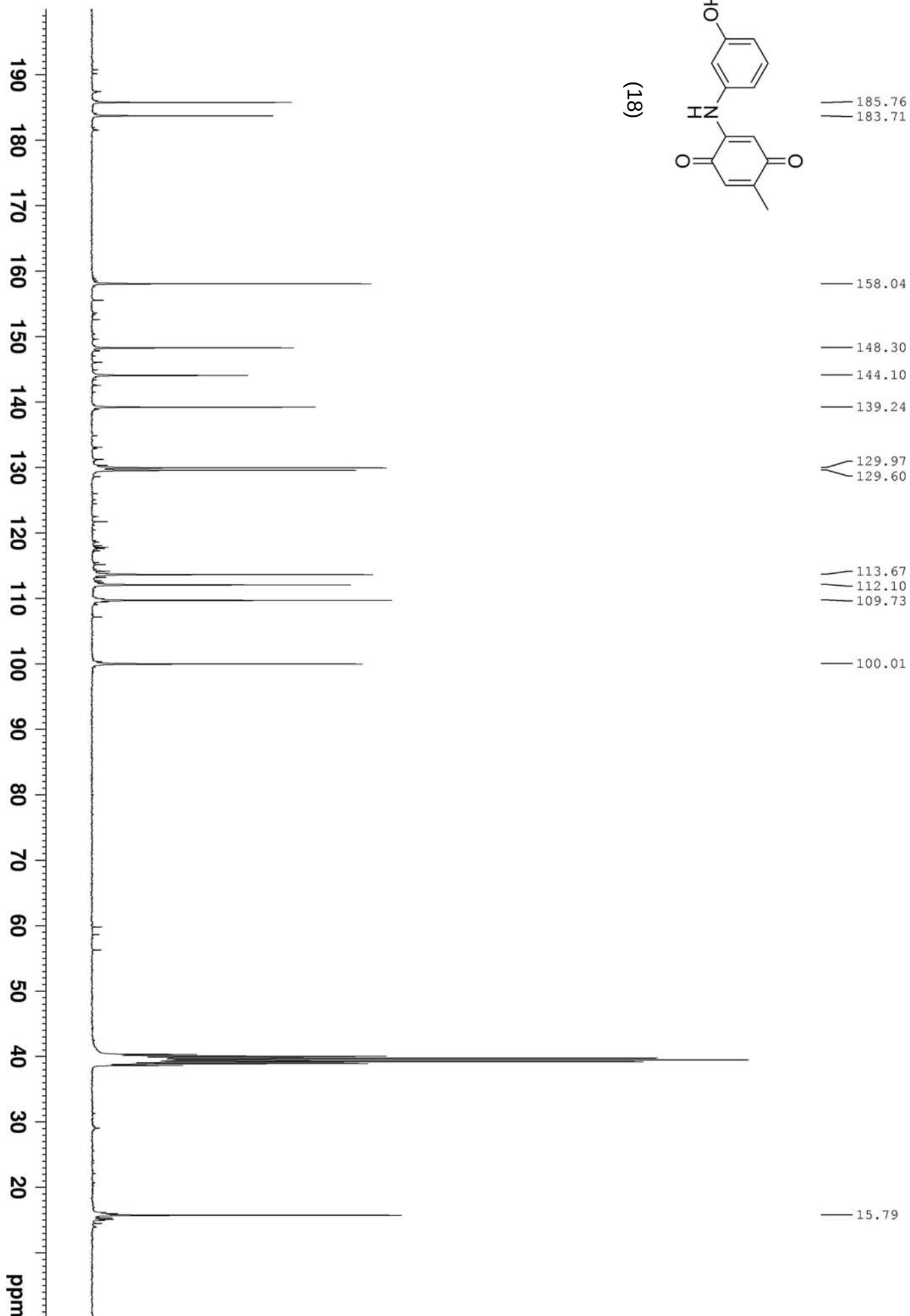
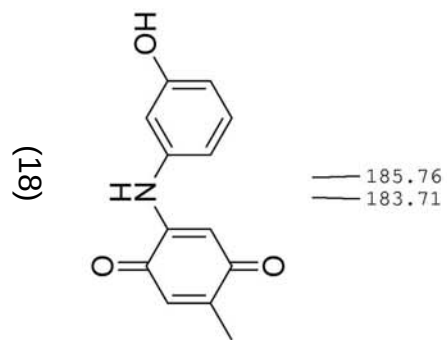


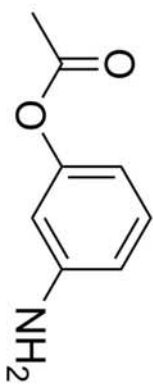










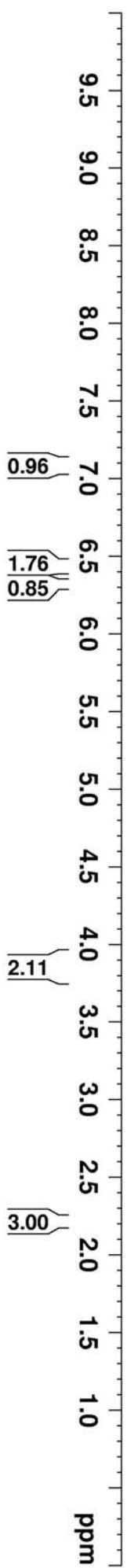


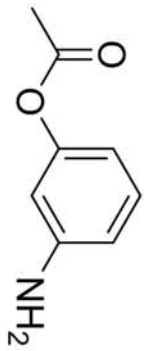
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7.108
7.081
7.055
6.450
6.443
6.423
6.416
6.328
6.321
6.314

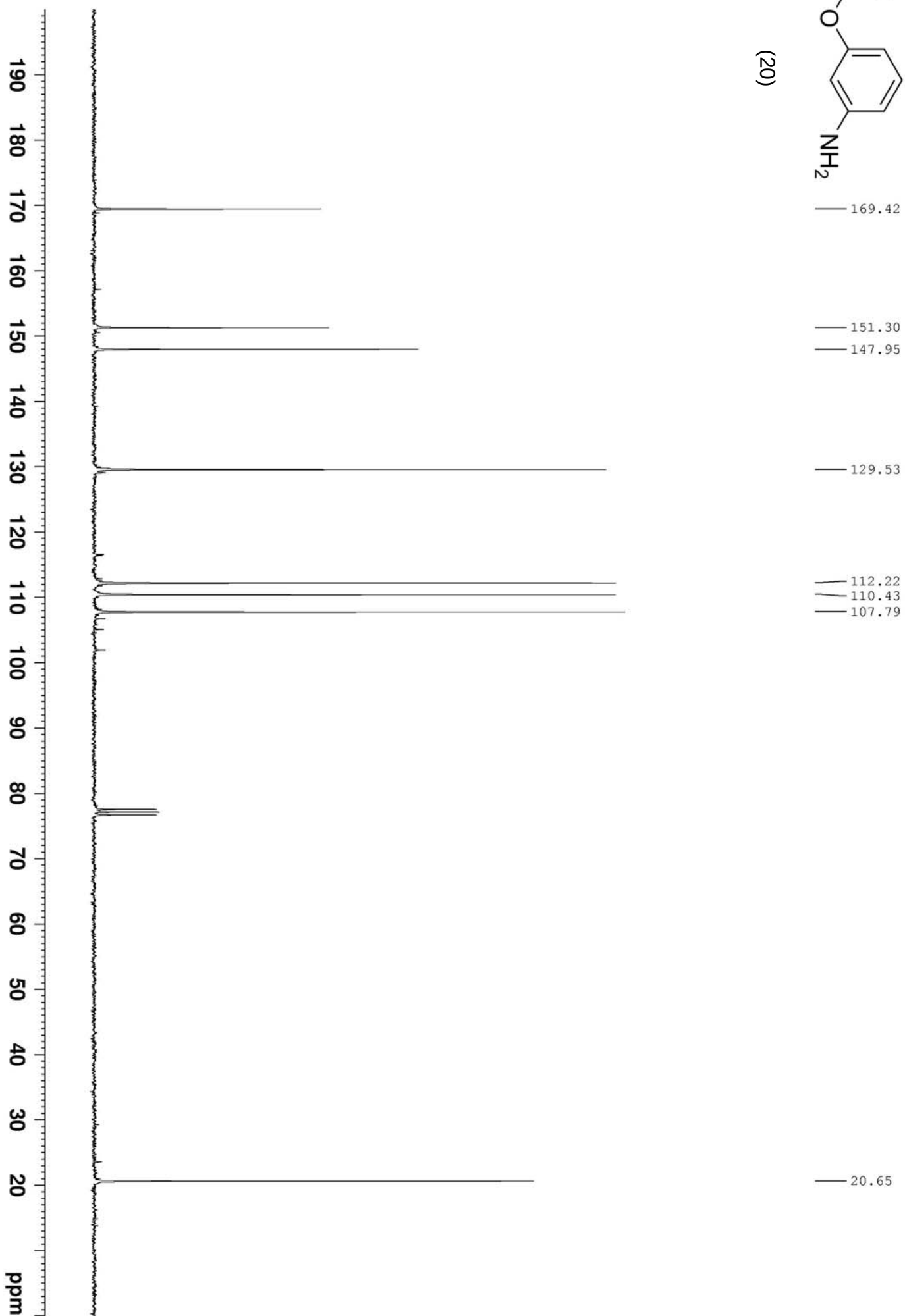
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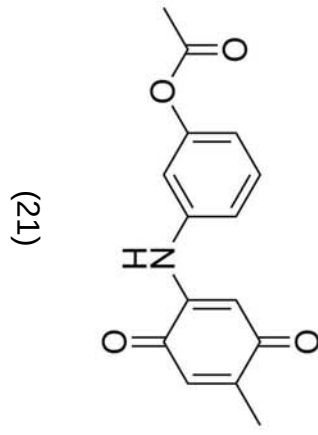
2.214





(20)

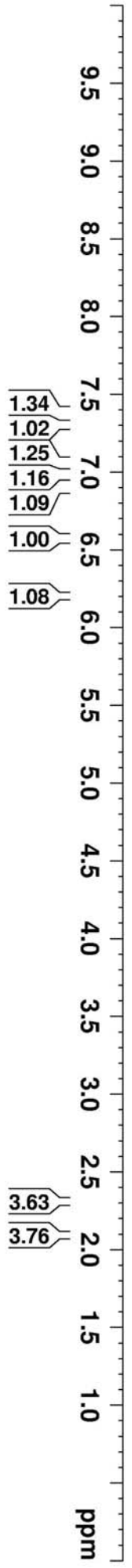


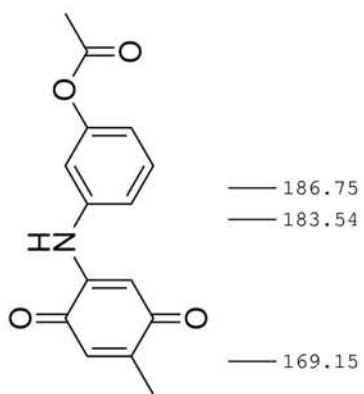


Handwritten annotations on the spectrum: a double slash (//) above the aromatic region, three slashes (///) above the aliphatic region, and a single slash (/) above the aliphatic region.

- 7.400
- 7.373
- 7.346
- 7.298
- 7.072
- 7.068
- 7.045
- 7.041
- 6.993
- 6.986
- 6.979
- 6.920
- 6.914
- 6.893
- 6.887
- 6.573
- 6.568
- 6.202

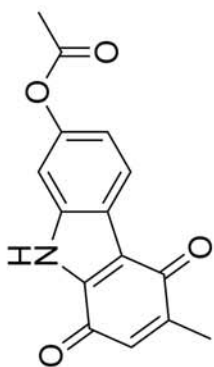
- 2.307
- 2.090
- 2.085



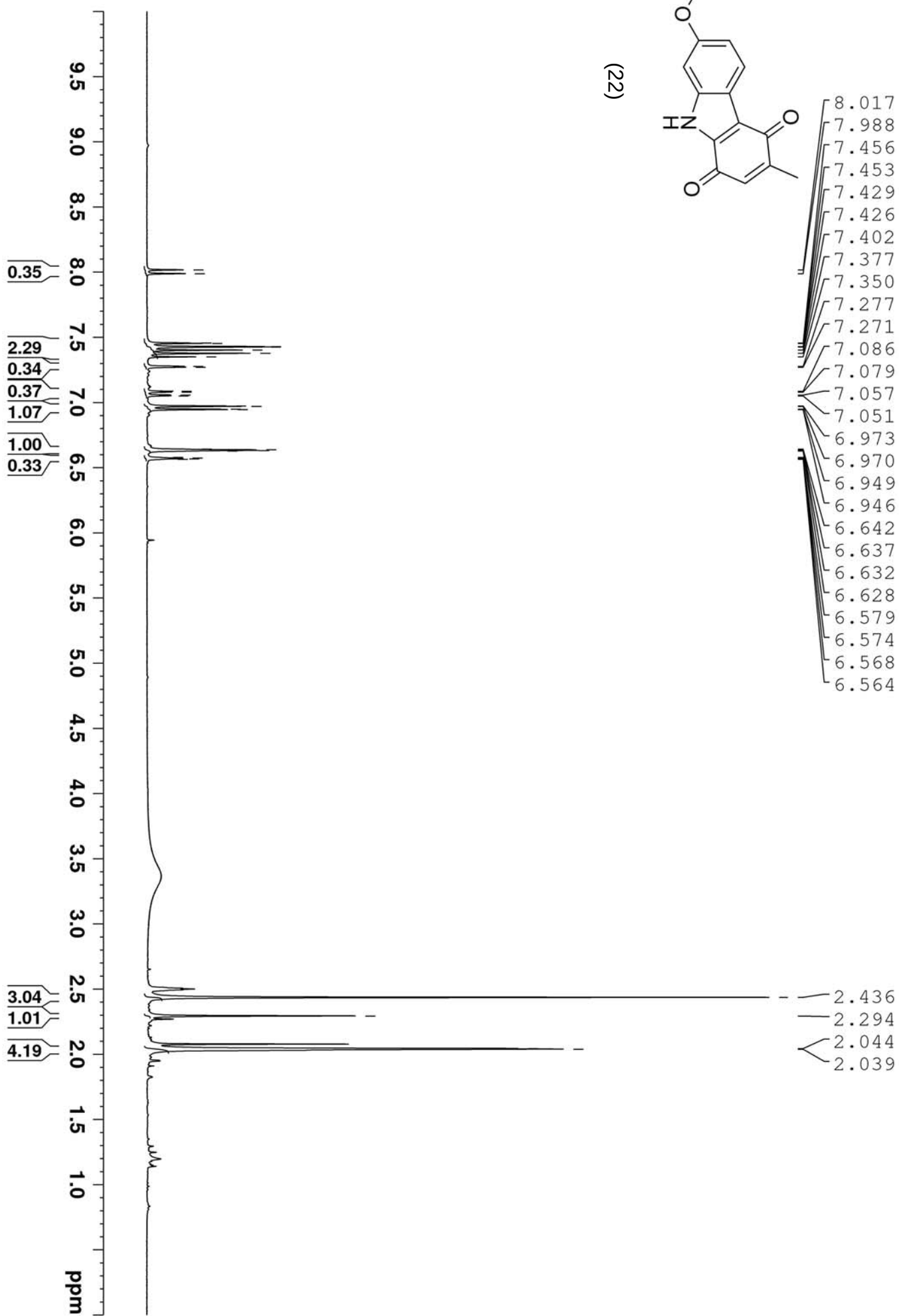


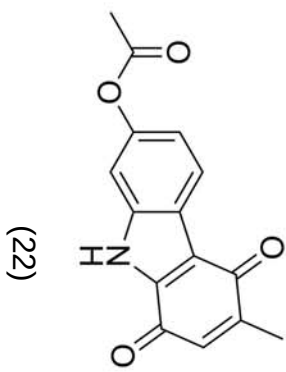
(21)





(22)





(22)

182.98
181.31
179.88
179.78

169.52
169.38

149.00
148.67
147.75
144.78

139.21
137.58
136.79
136.59

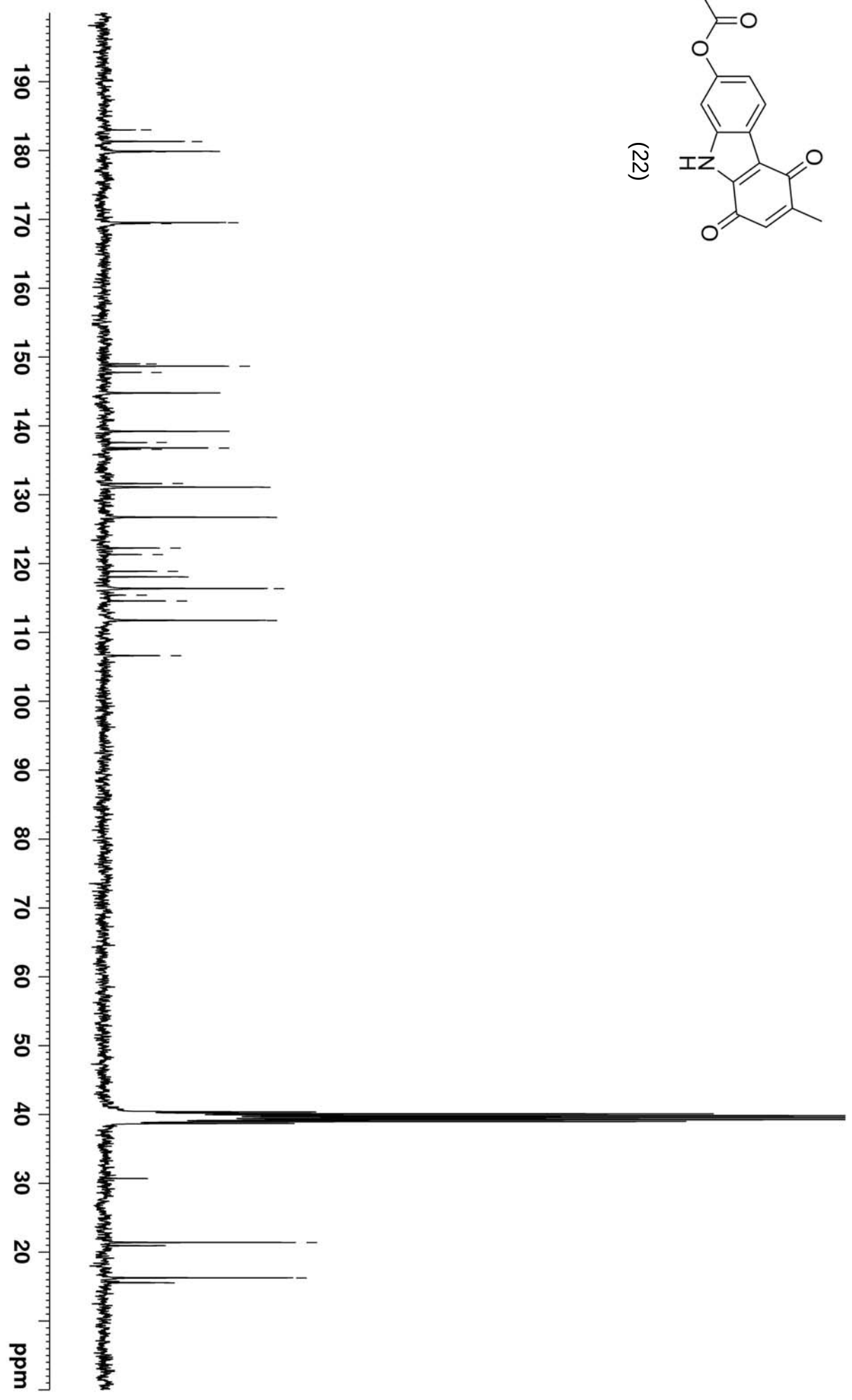
131.62
131.10
126.73
122.25

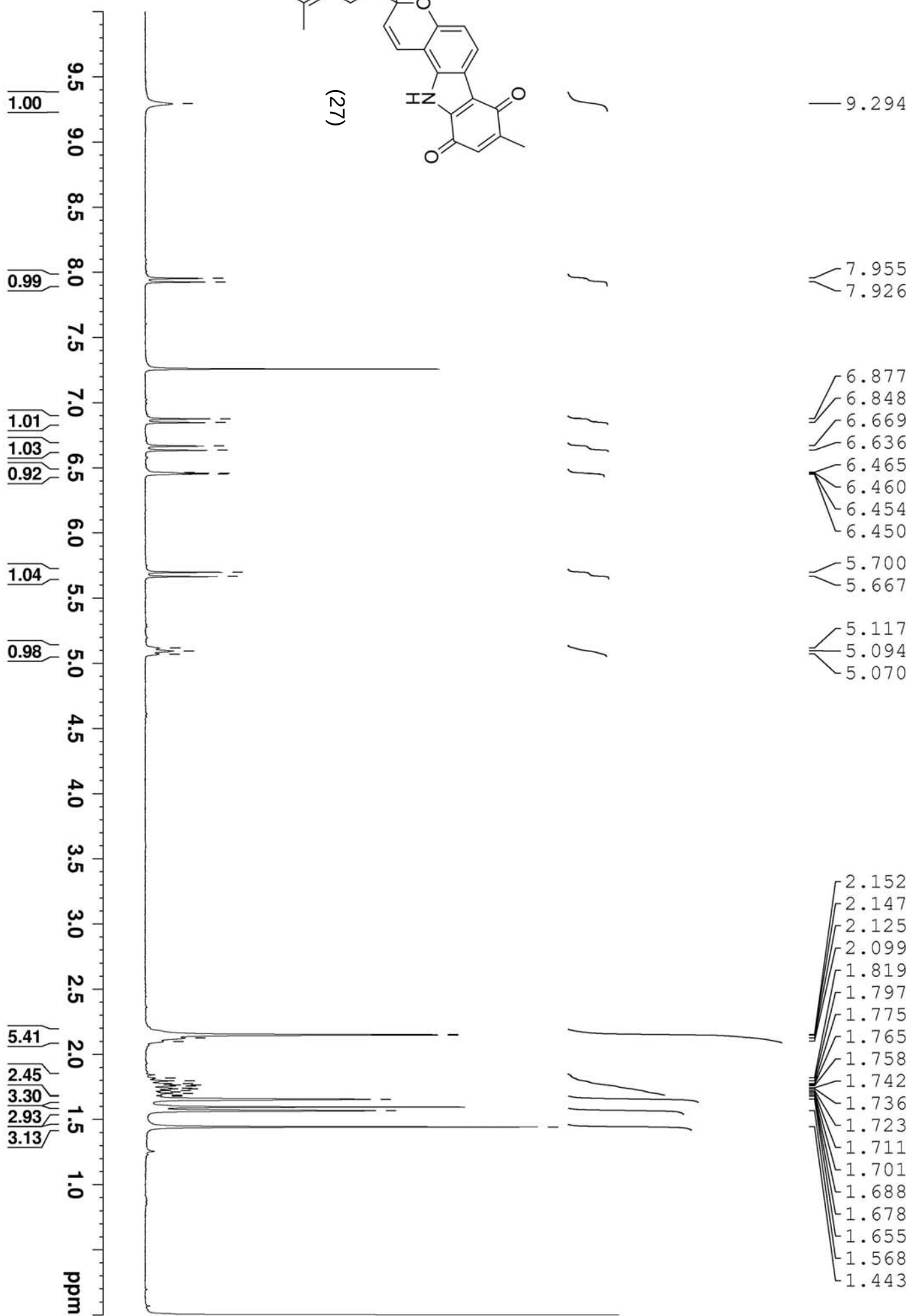
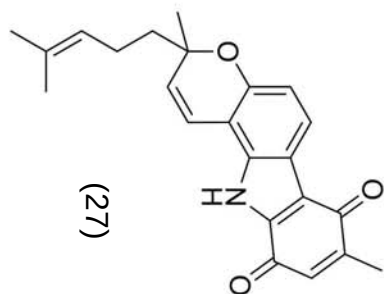
121.32
118.88
118.07
116.37

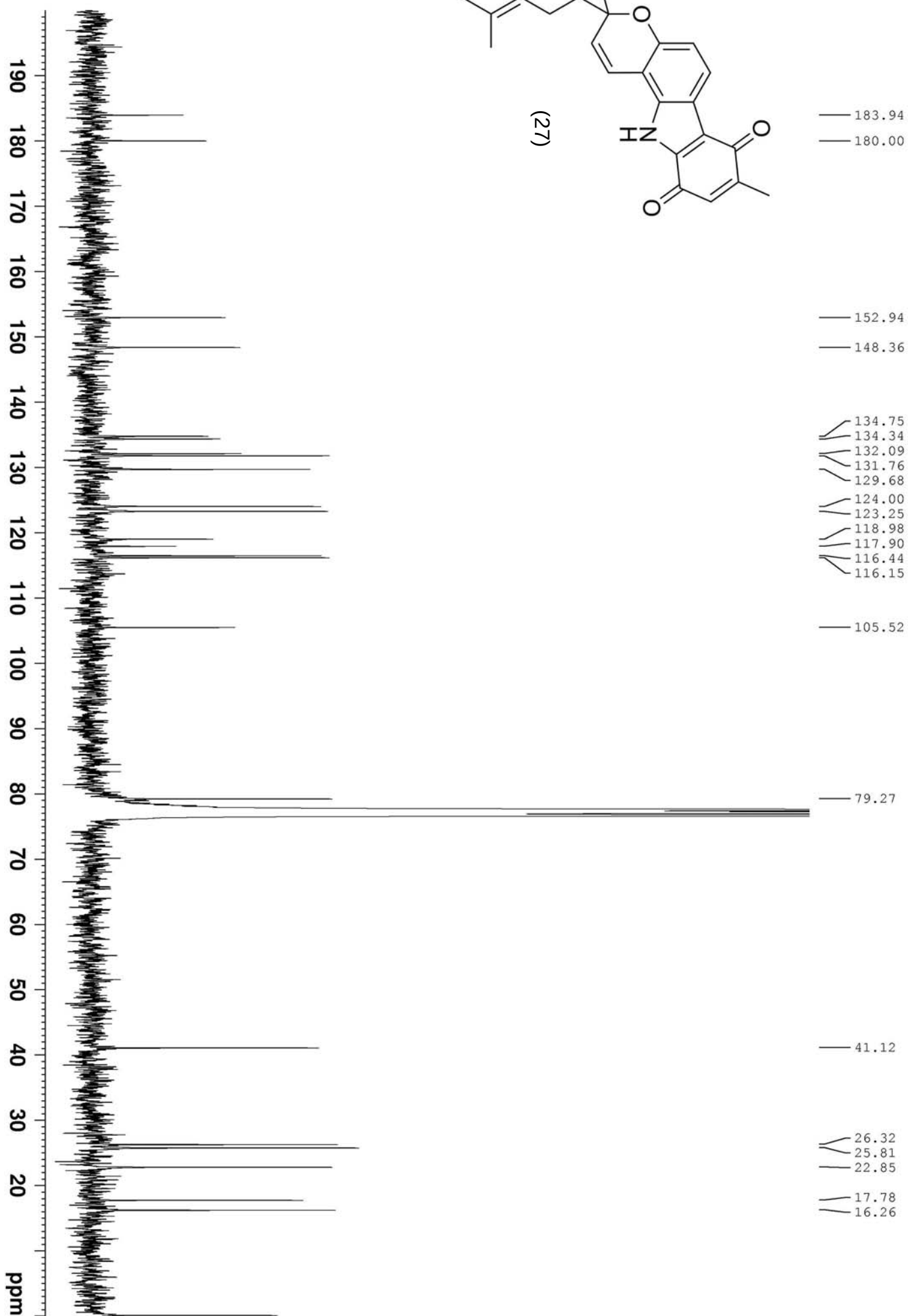
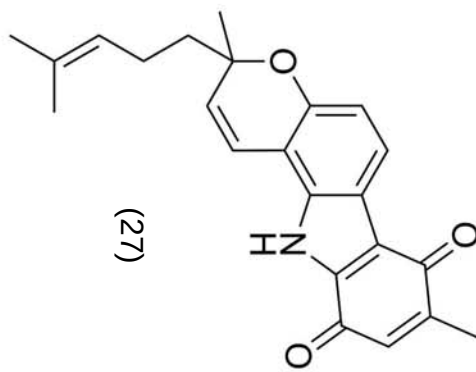
115.42
114.57
111.74
106.62

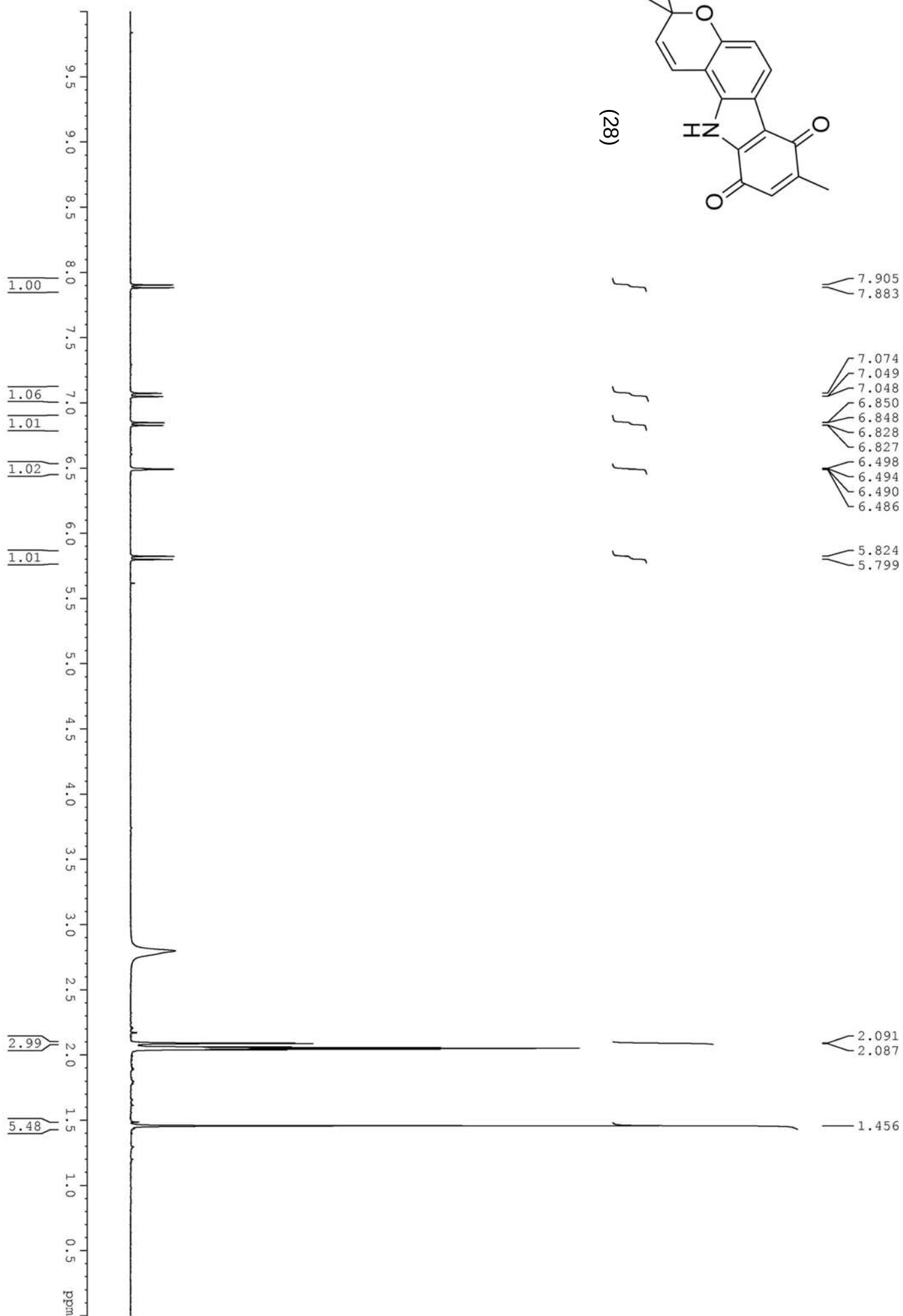
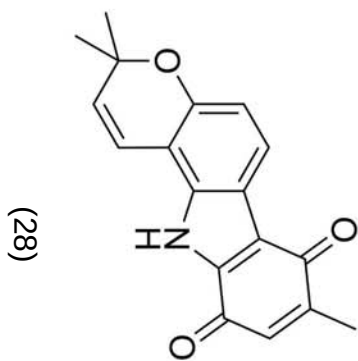
21.39
20.97

16.25
15.54

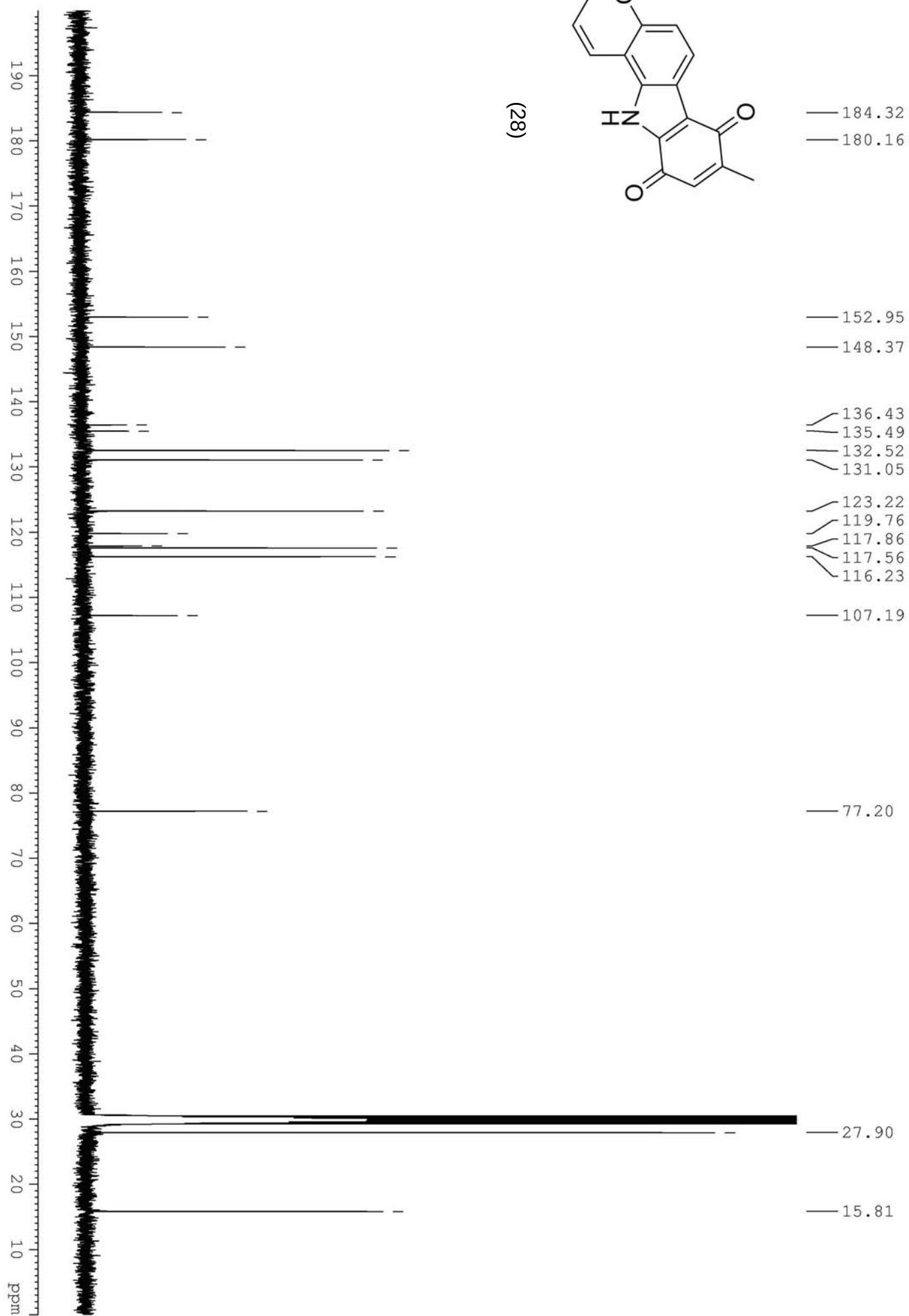
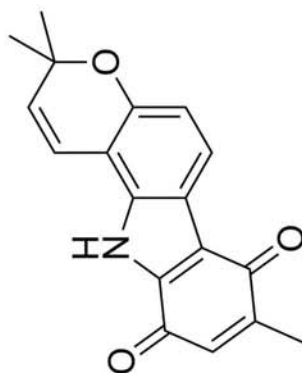


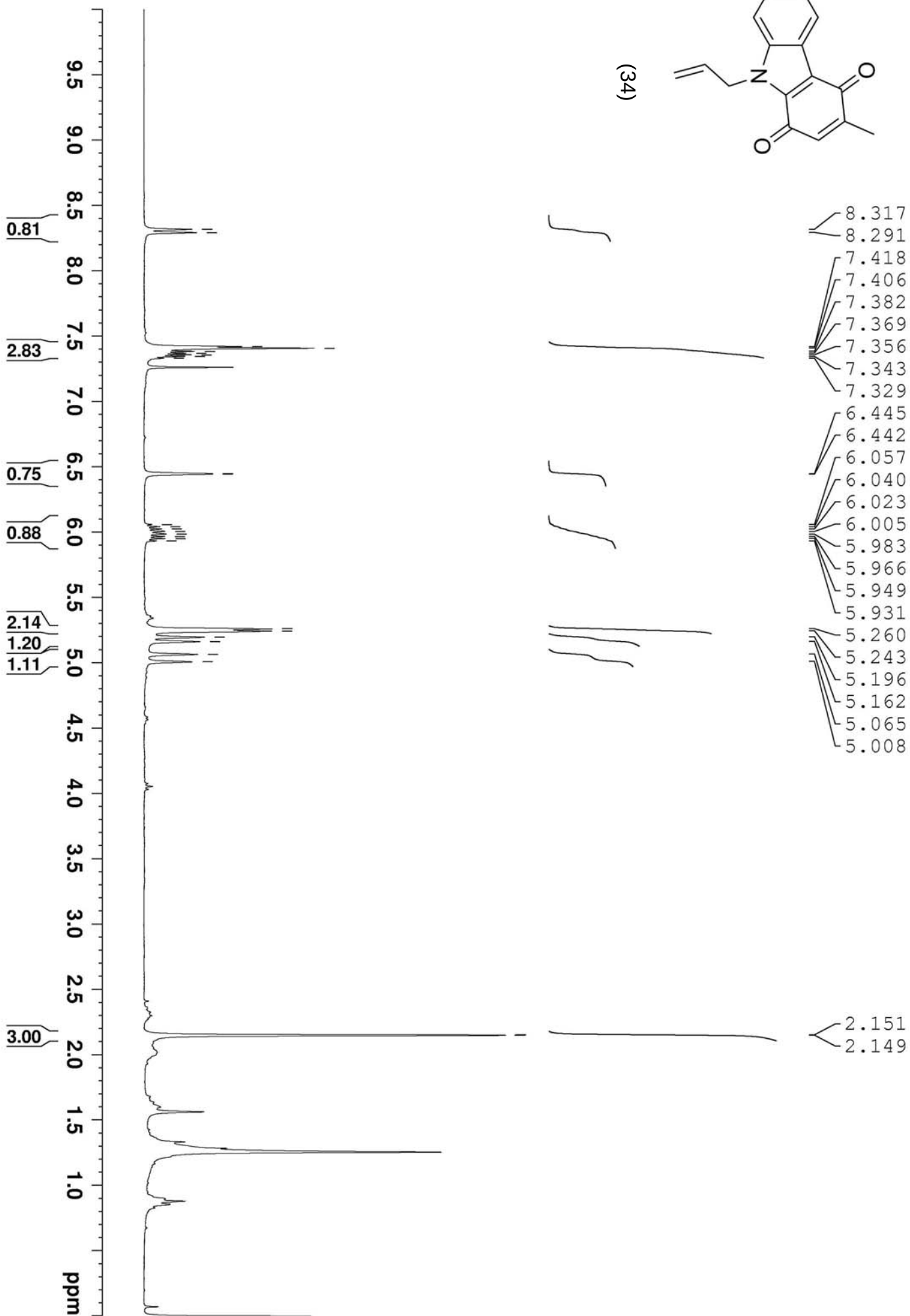
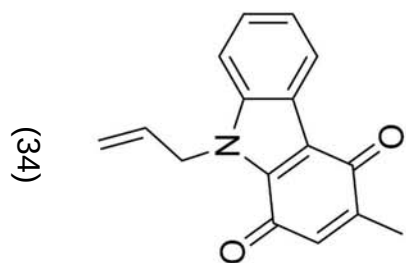


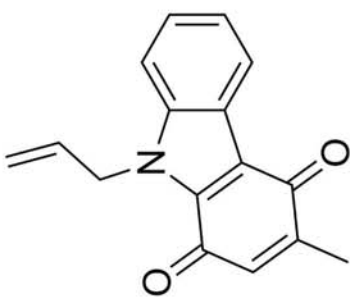




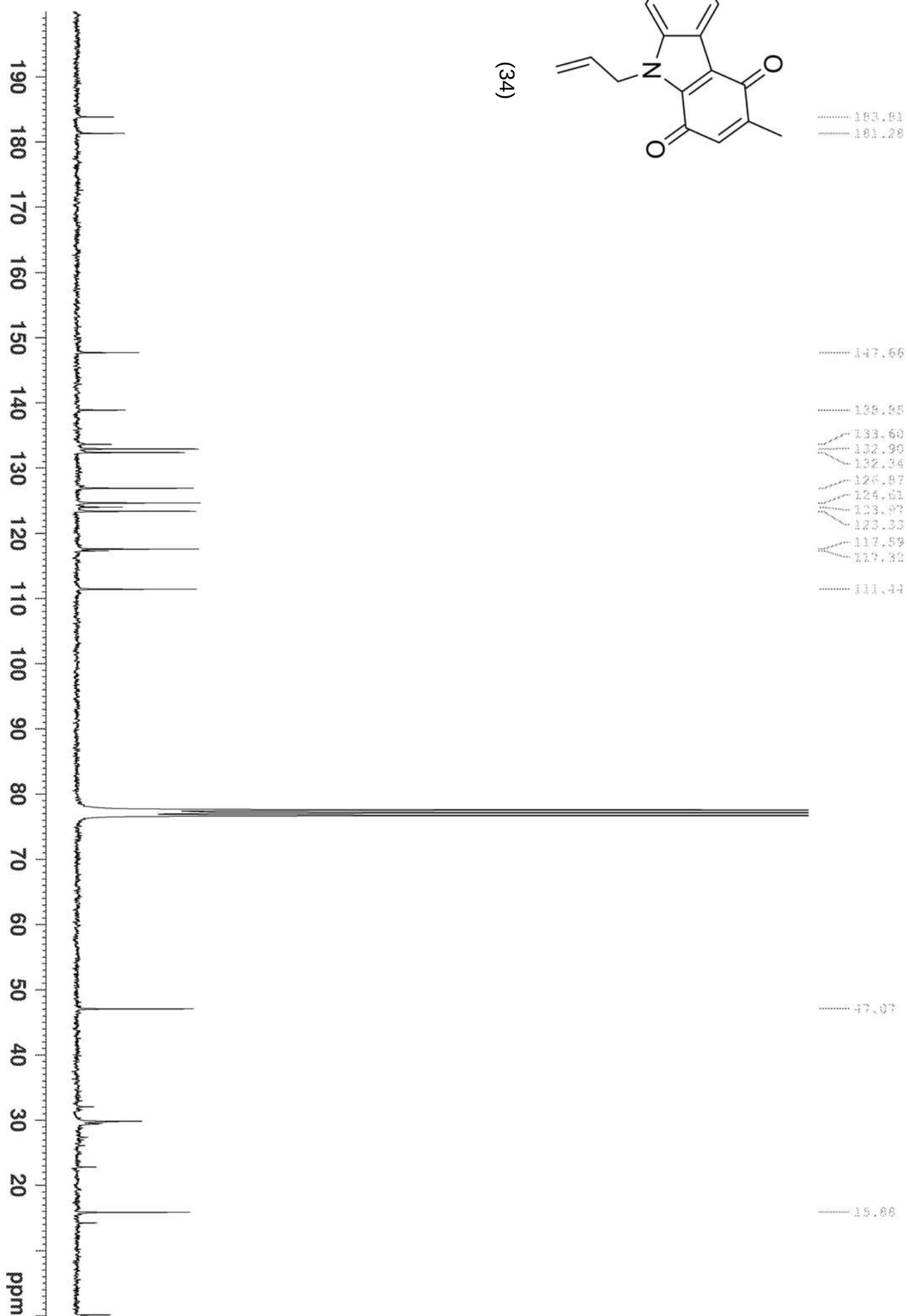
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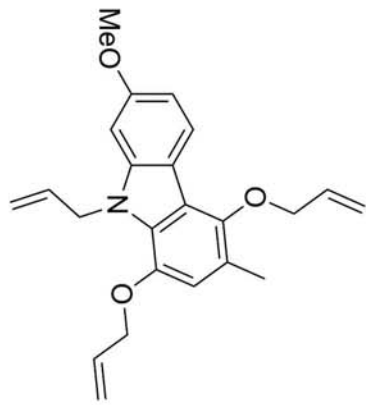




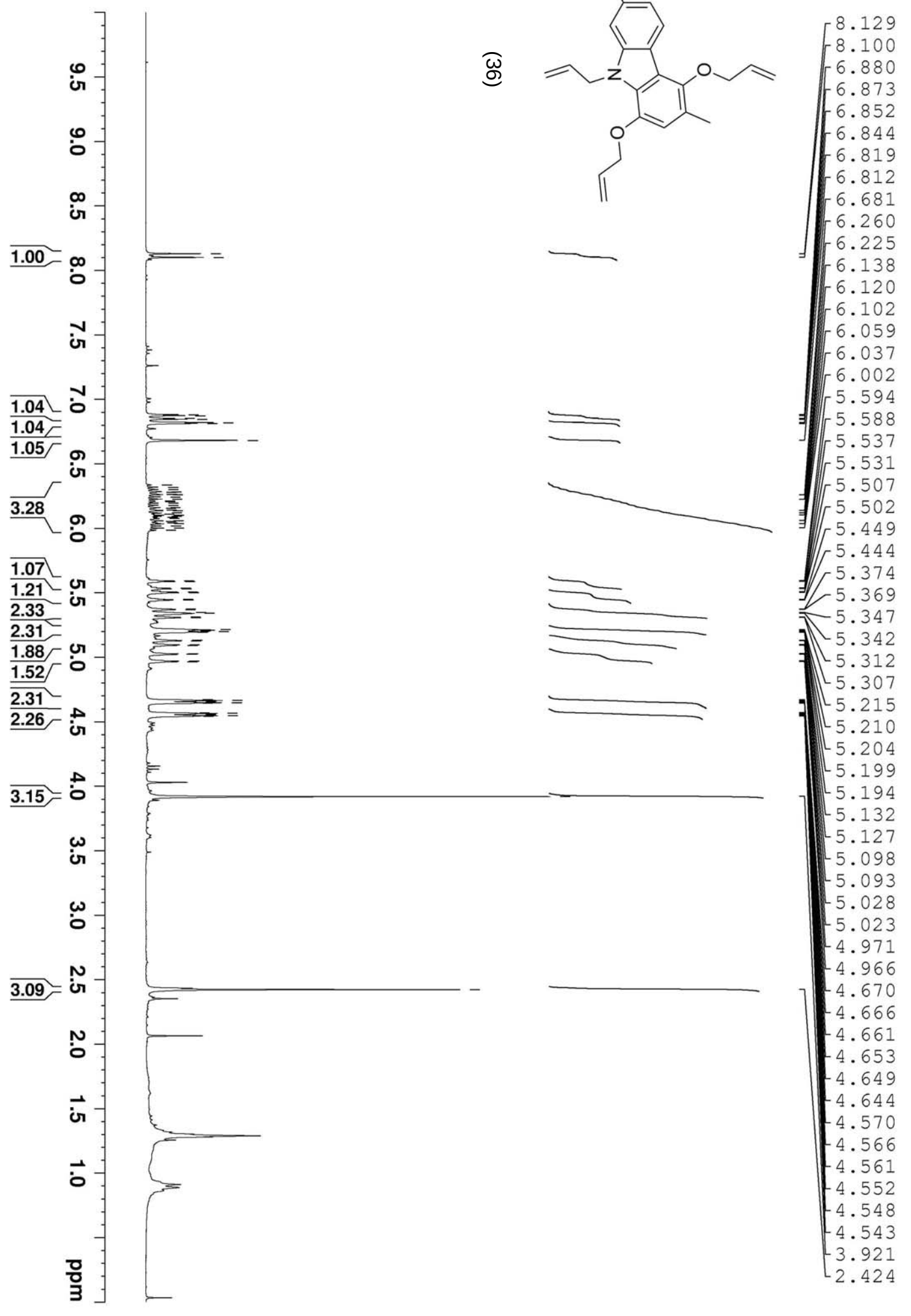


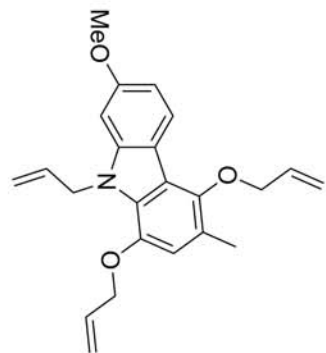
(34)





(36)





(36)

158.88

145.65

142.18

141.88

134.56

134.13

133.68

129.52

123.42

120.55

118.34

117.47

117.20

115.91

115.72

110.85

107.78

93.37

73.29

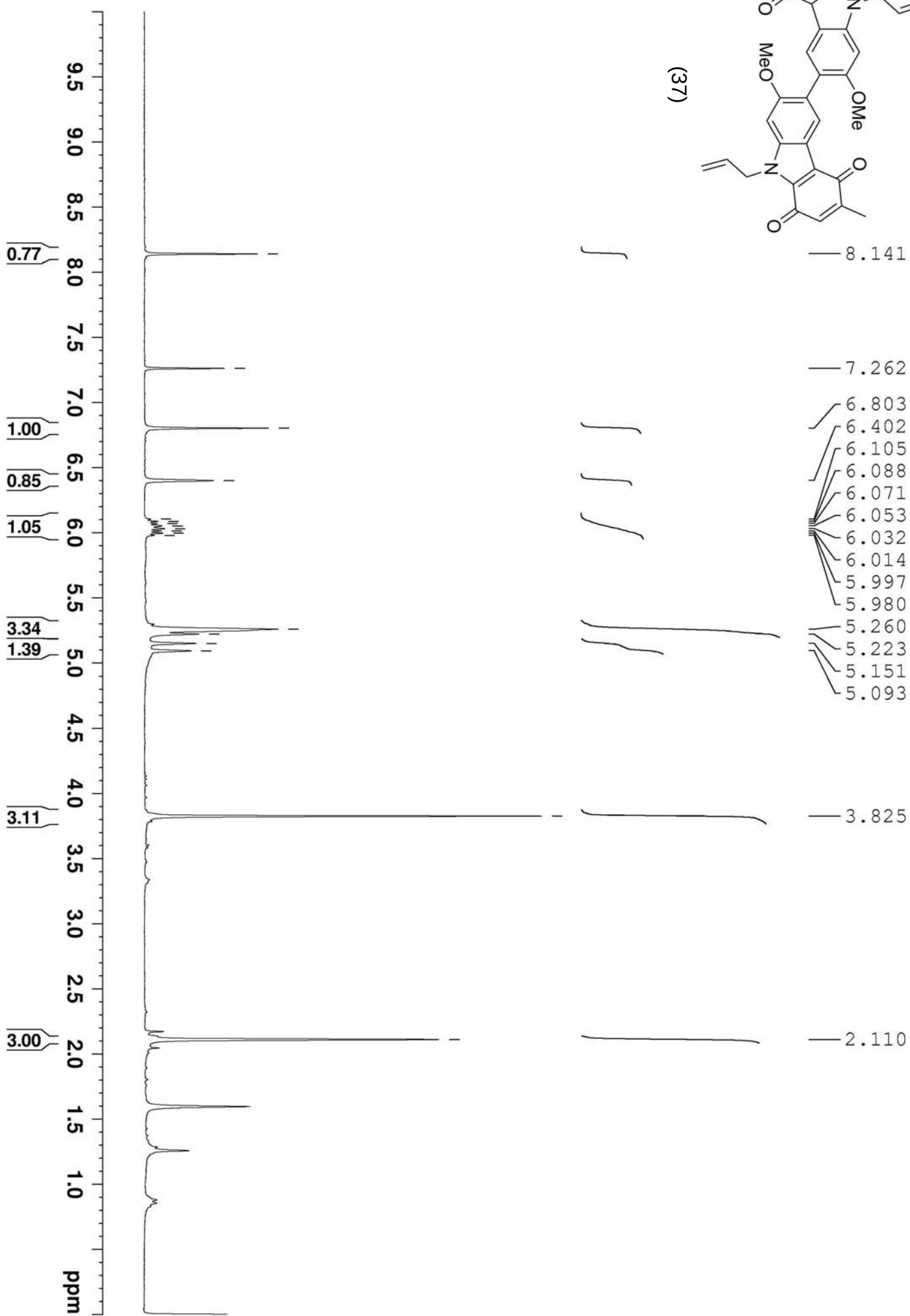
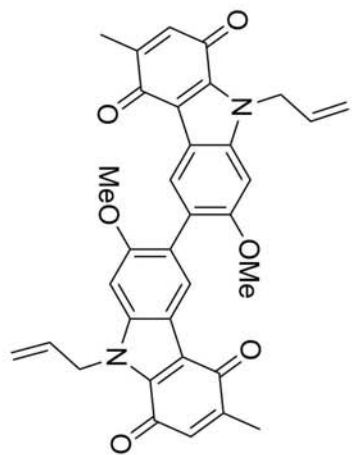
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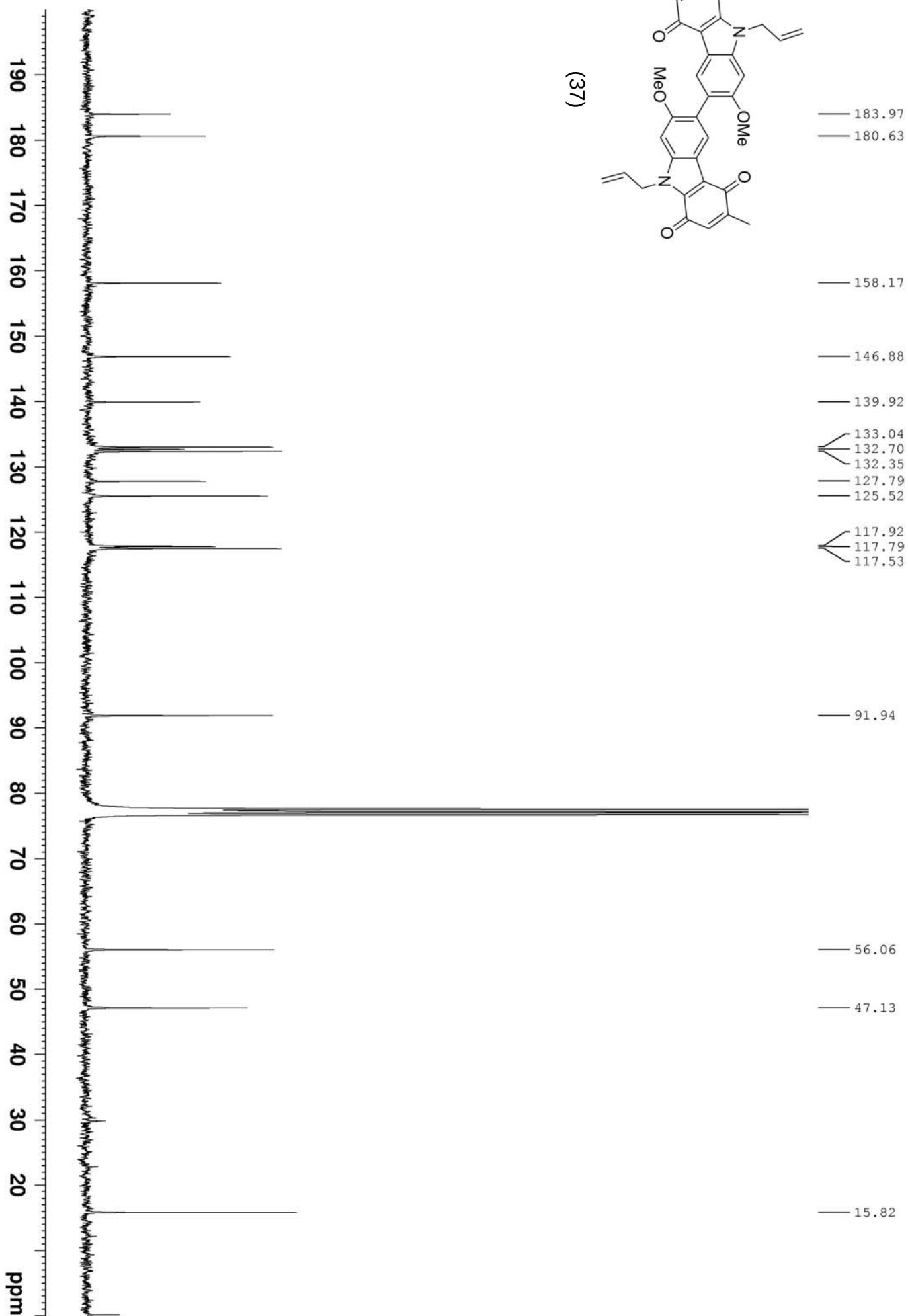
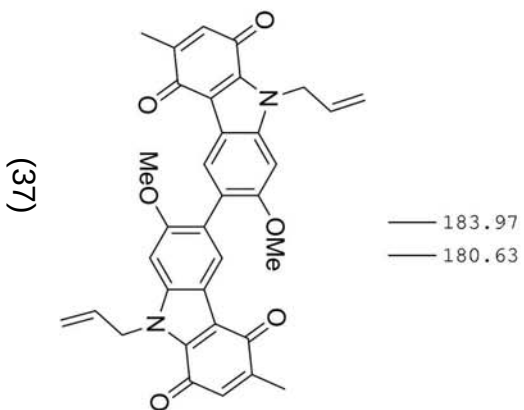
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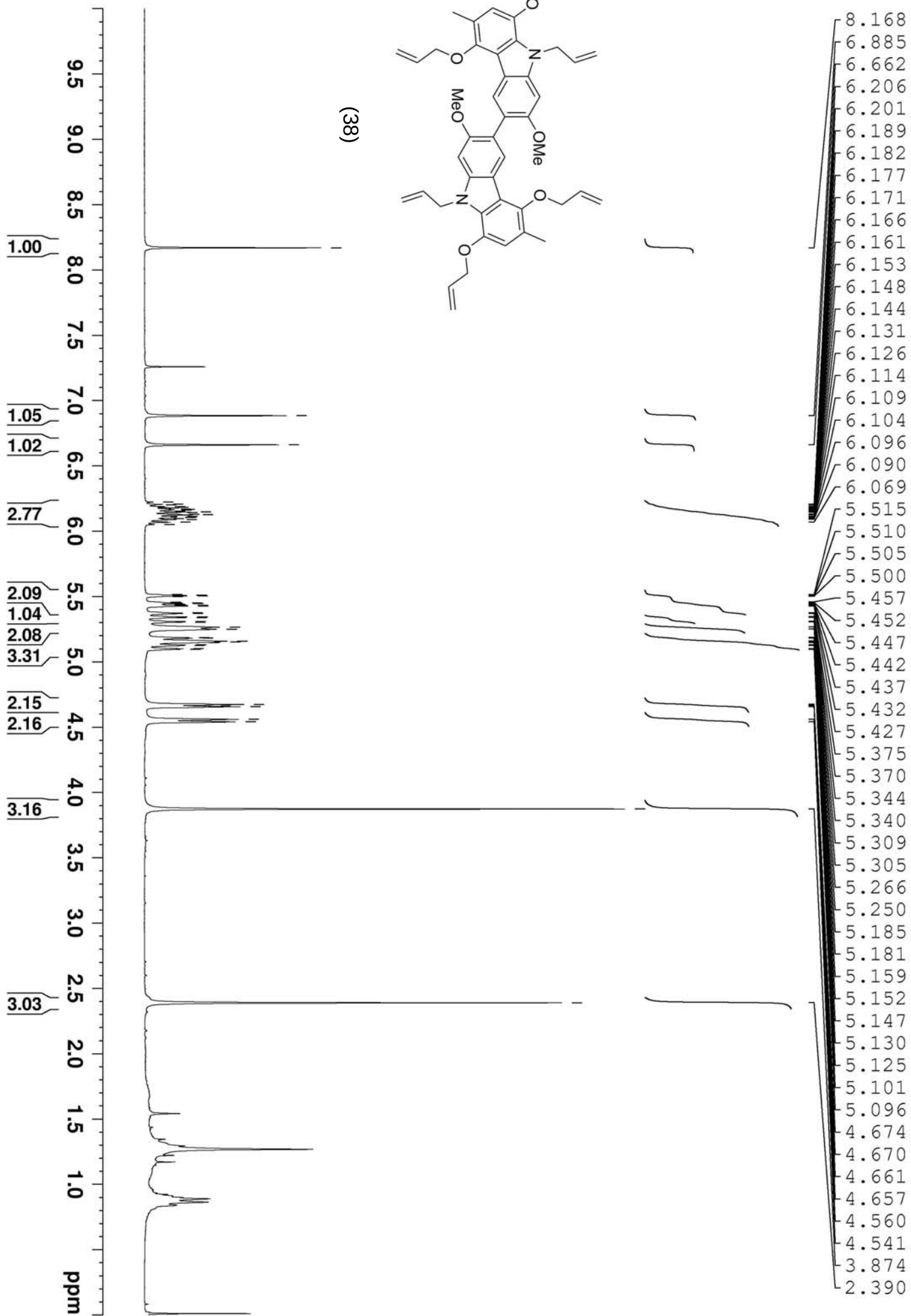
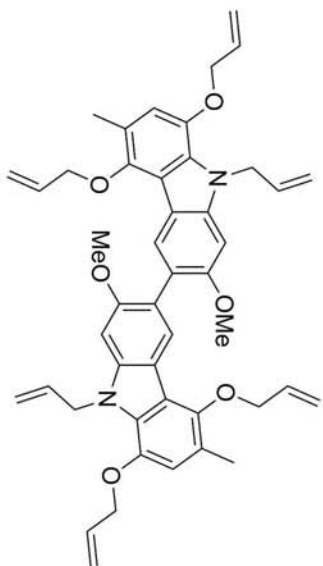
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15.72

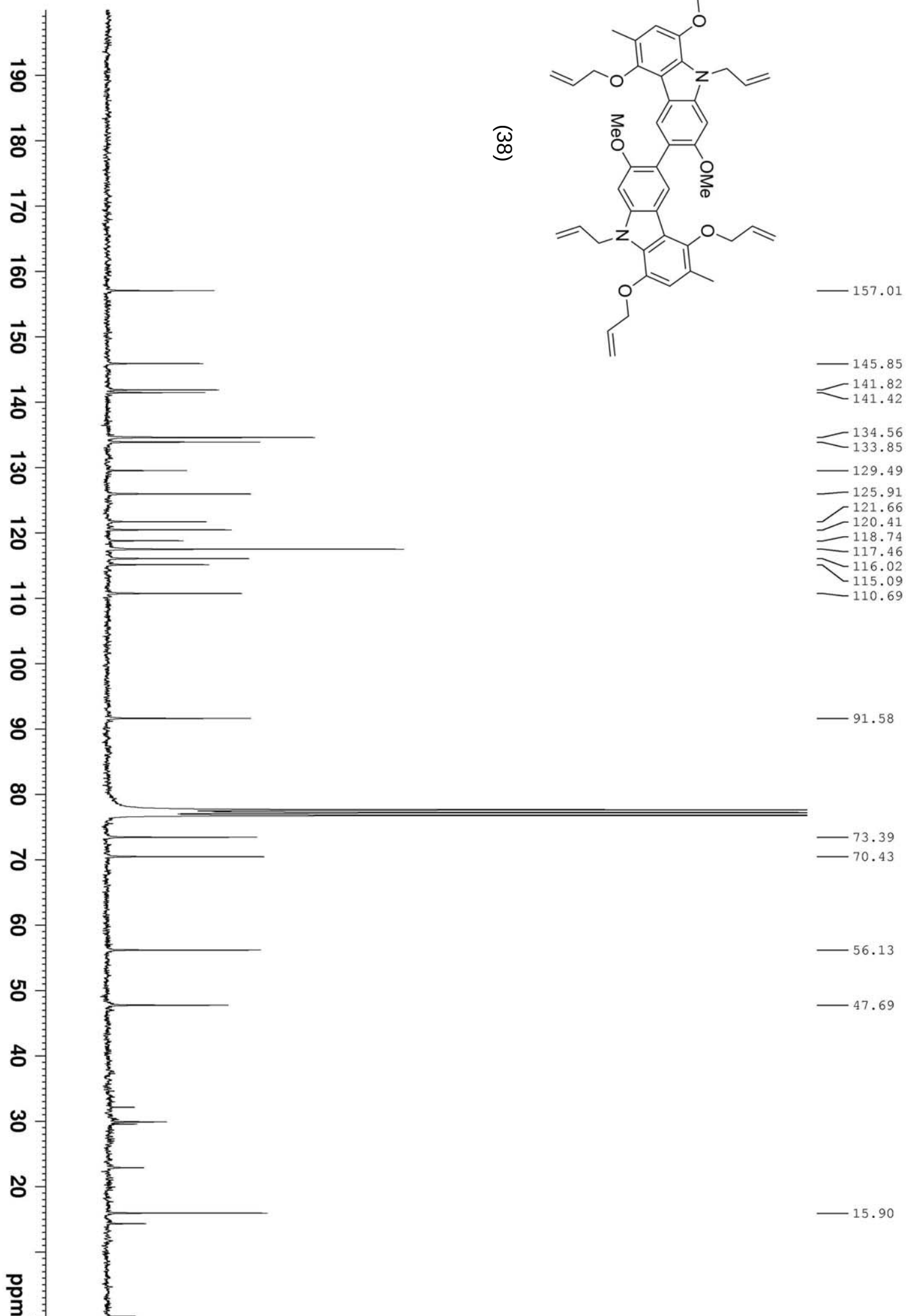
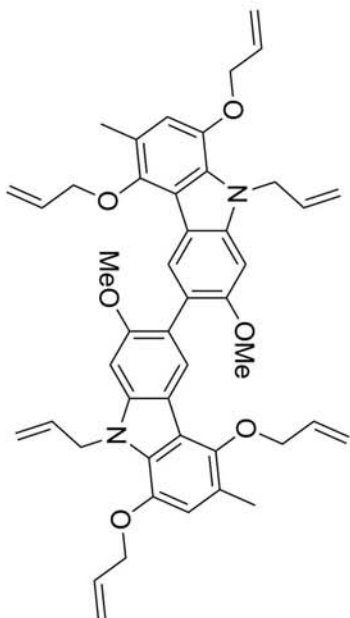


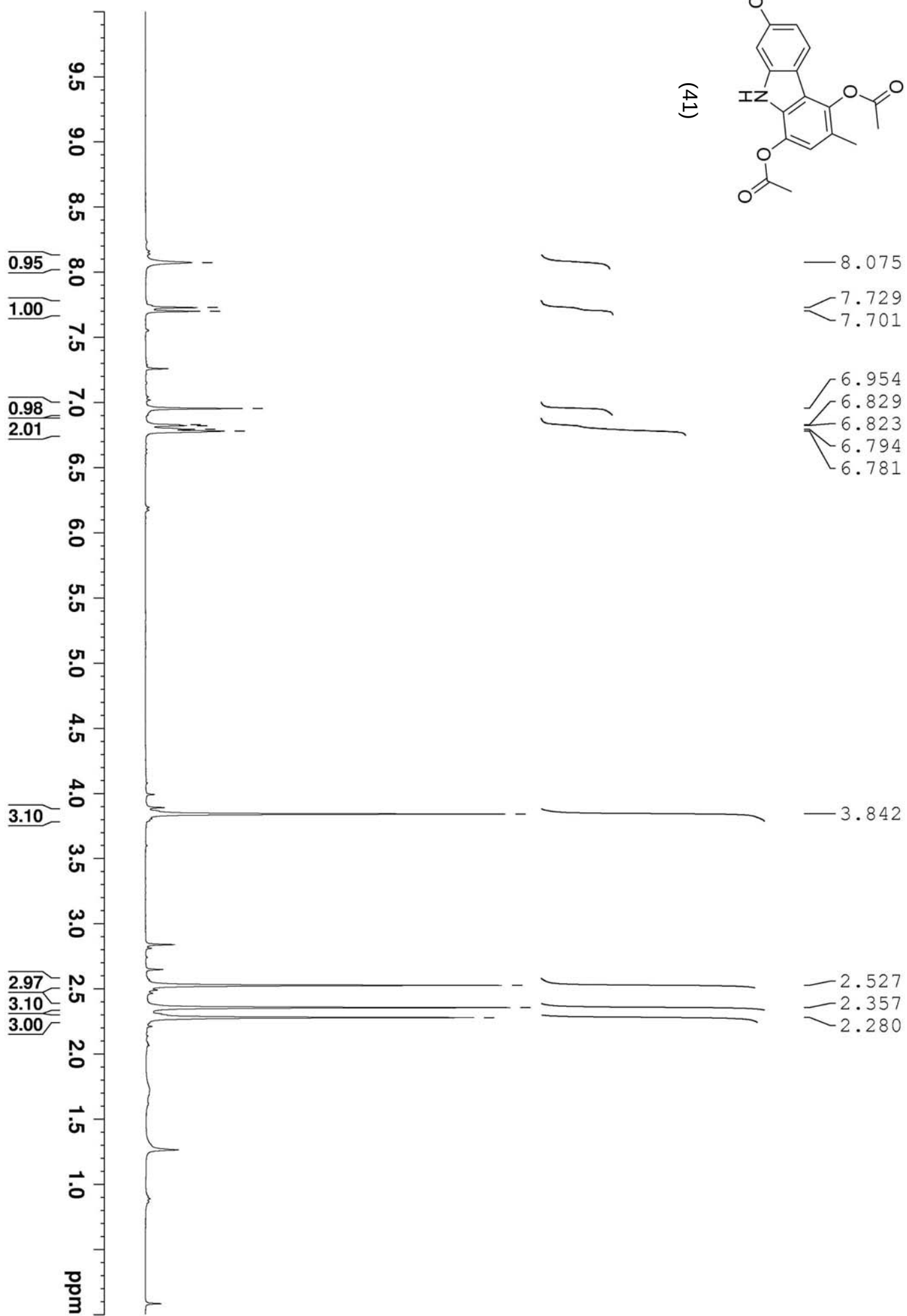
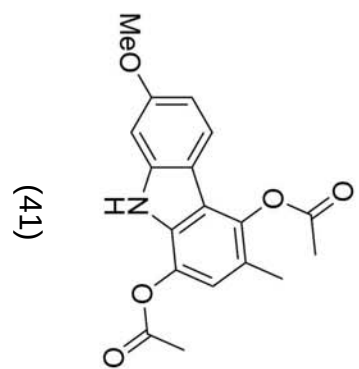


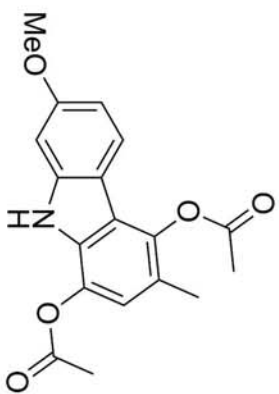




(38)







(41)

