



Supporting Information

for

Synthesis of disparlure and monachalure enantiomers from 2,3-butanediacetals

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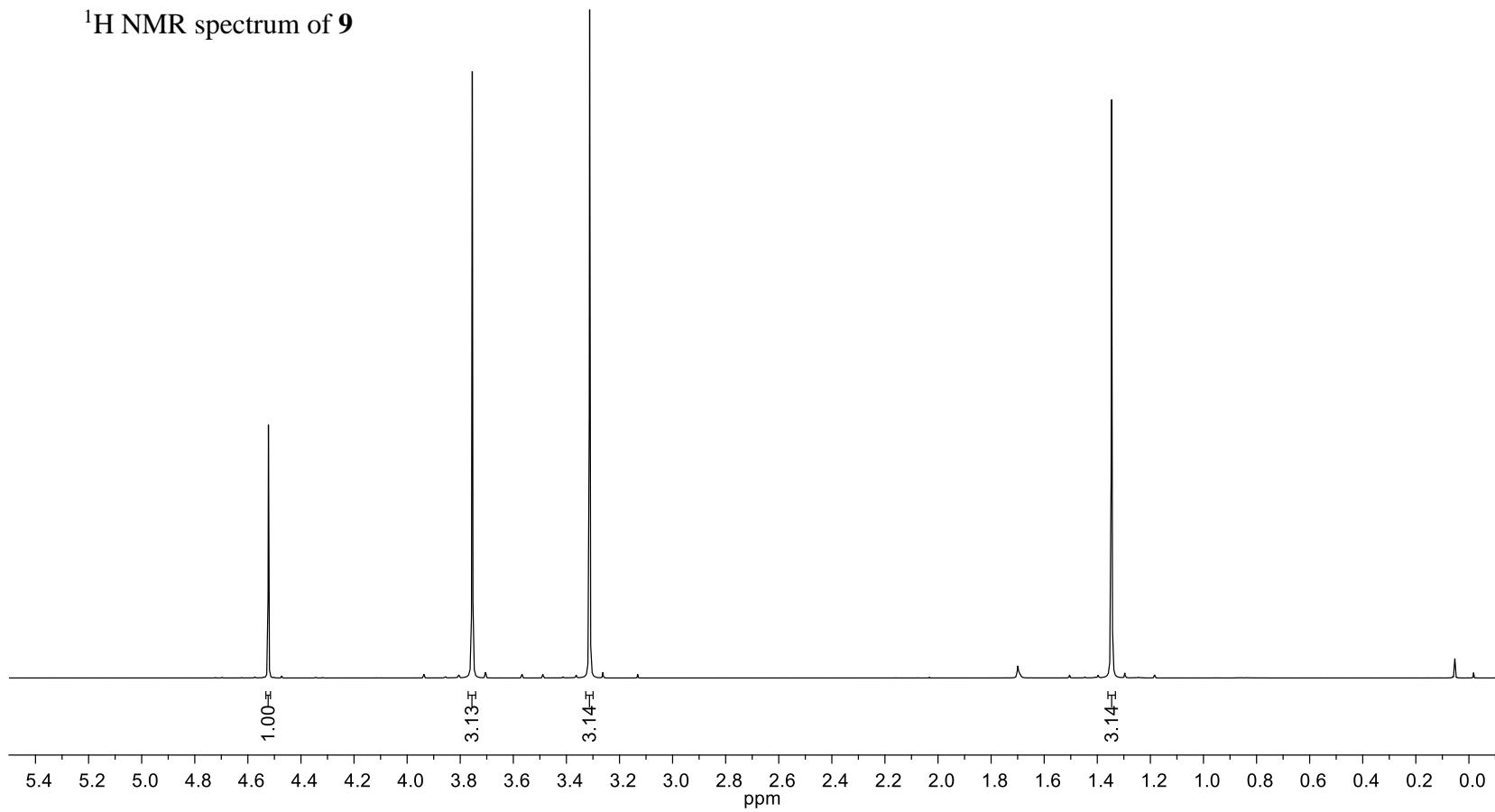
Copies of ^1H NMR and ^{13}C NMR spectra

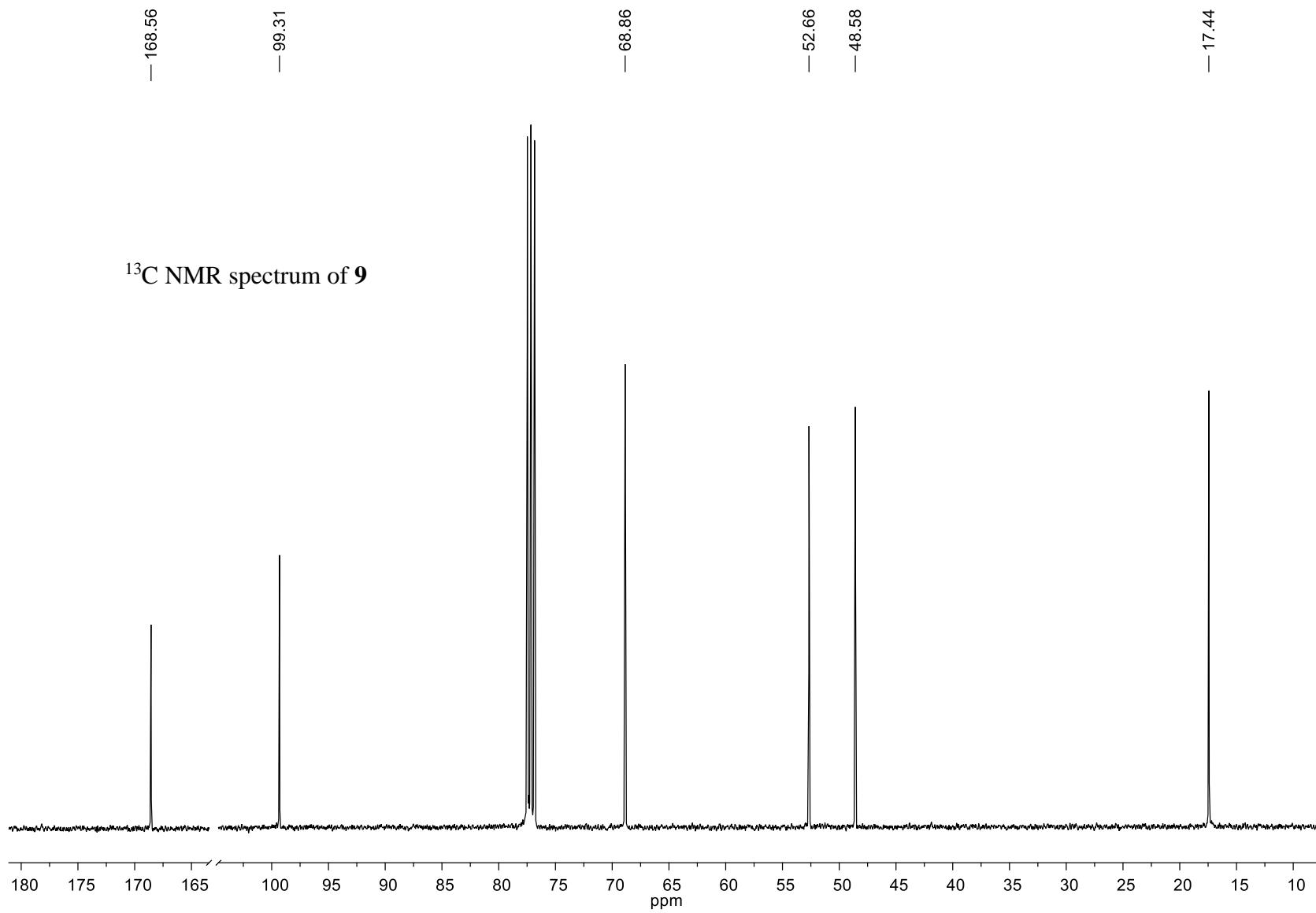
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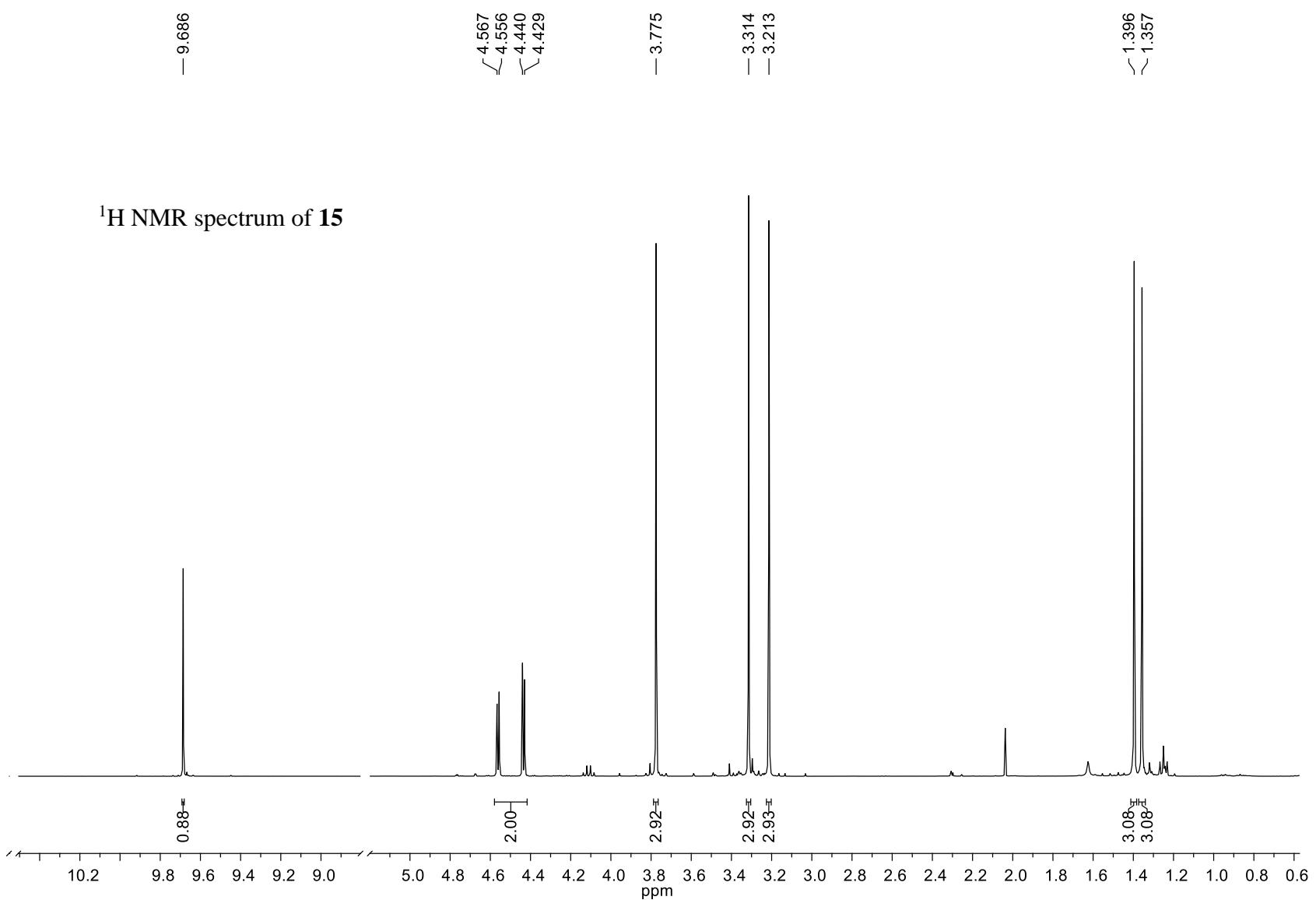
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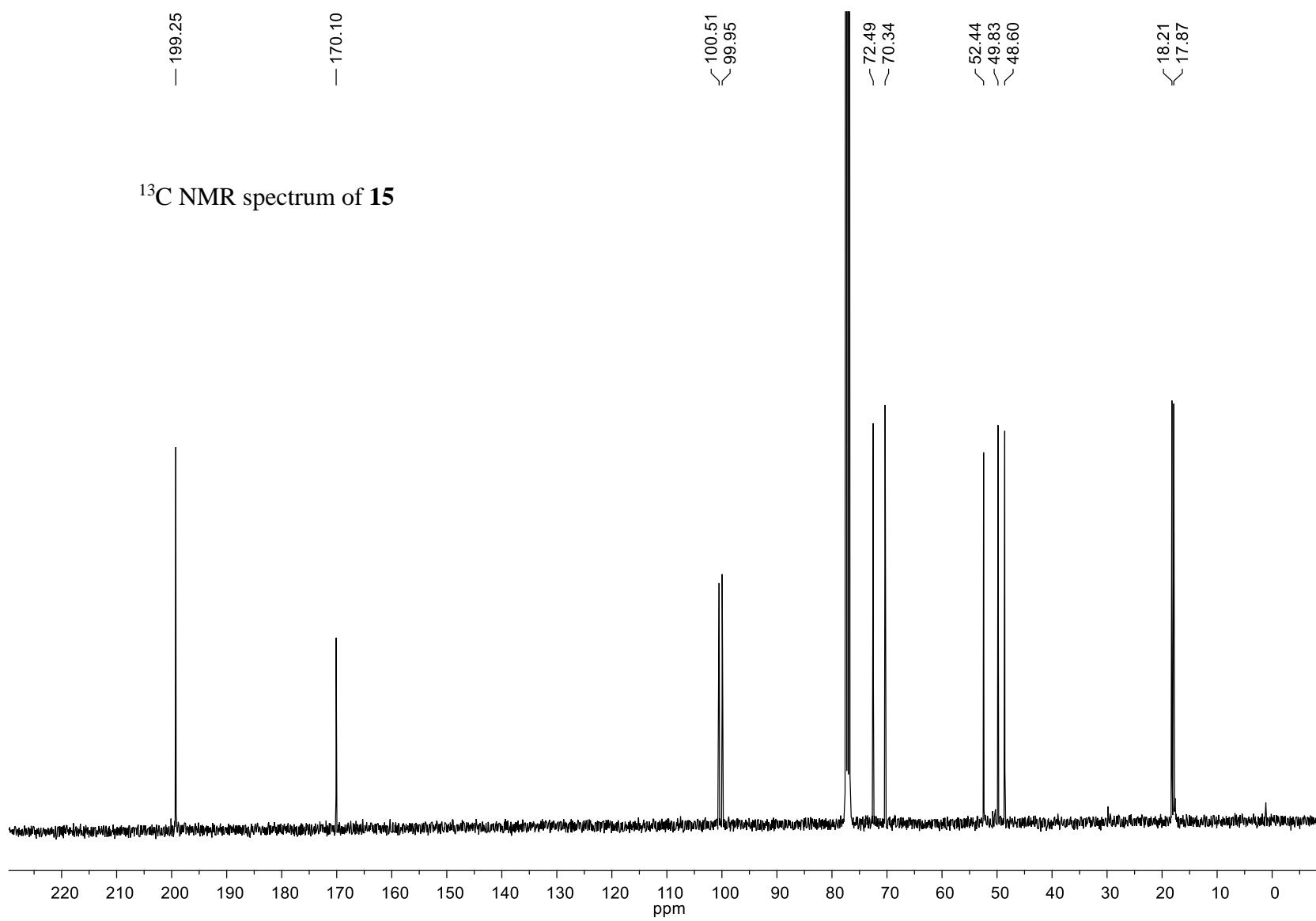
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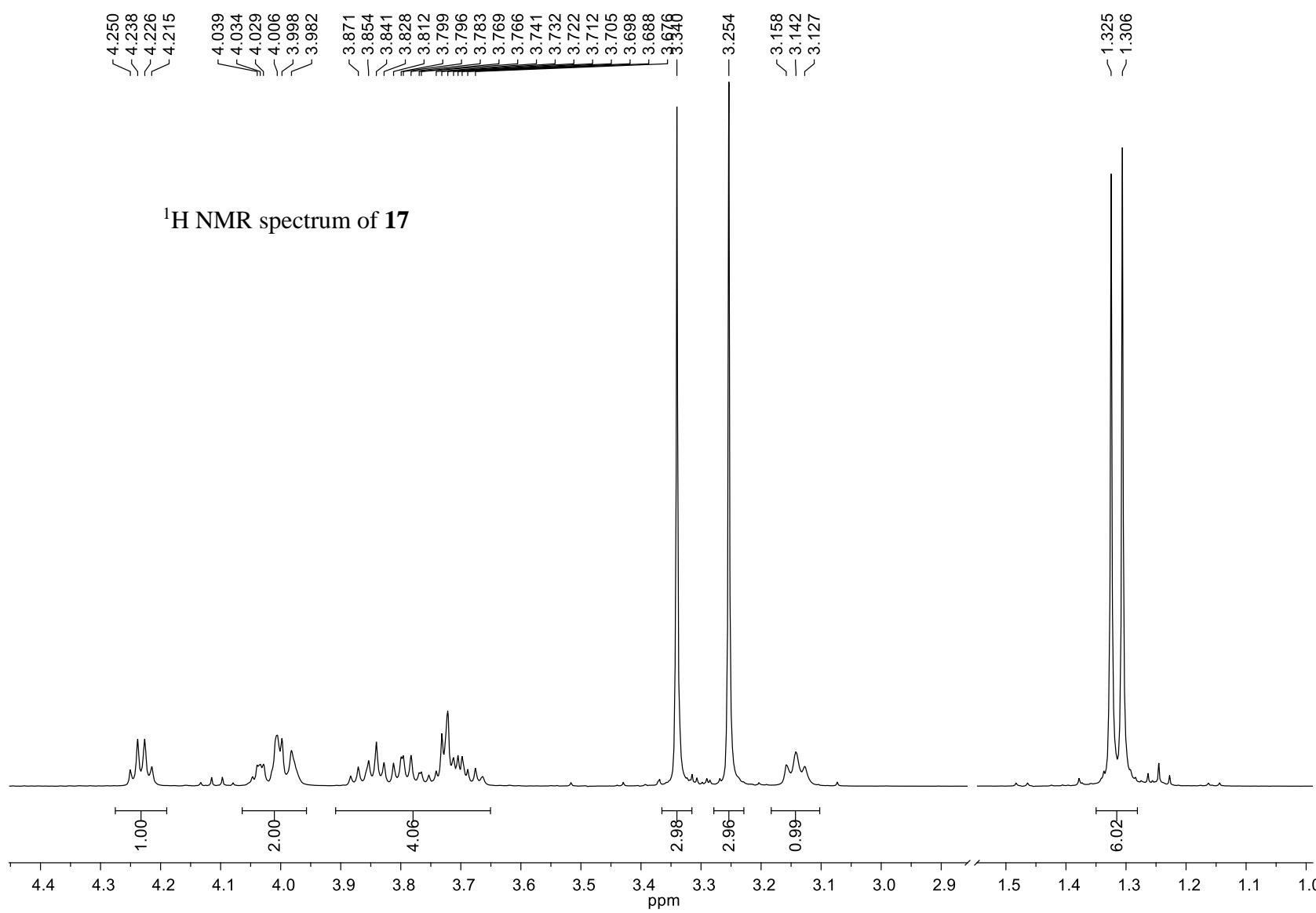
¹H NMR spectrum of **9**

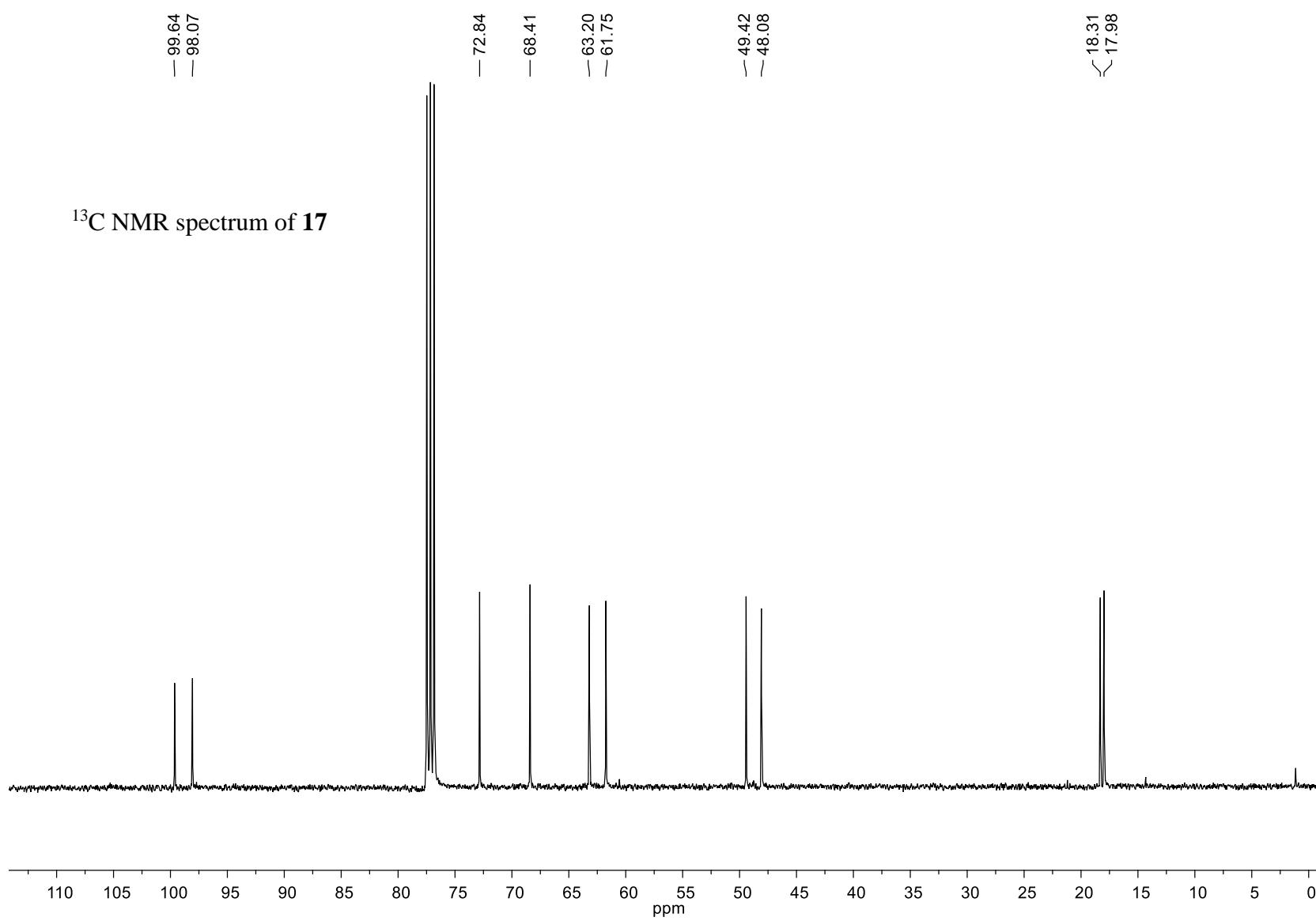


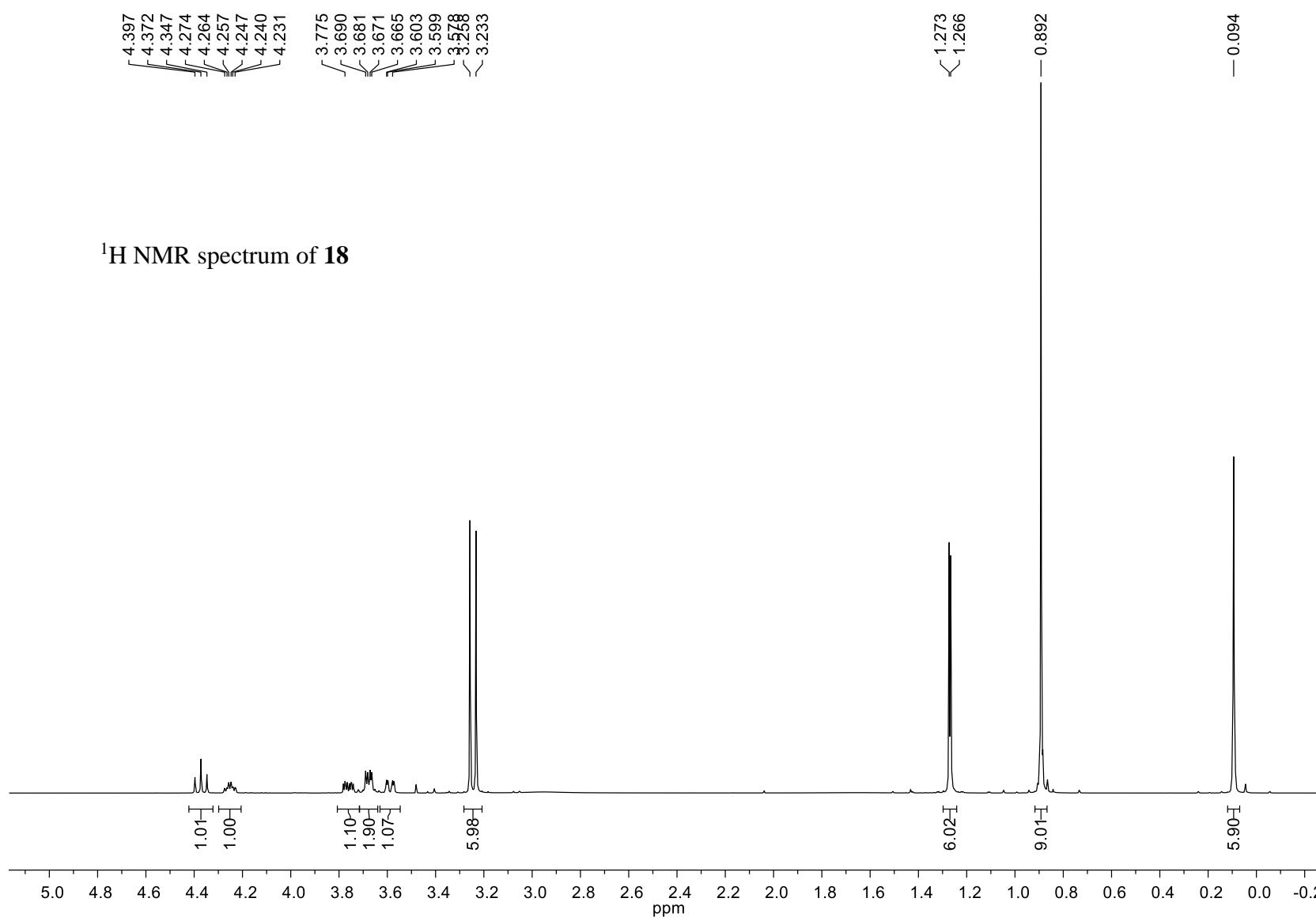


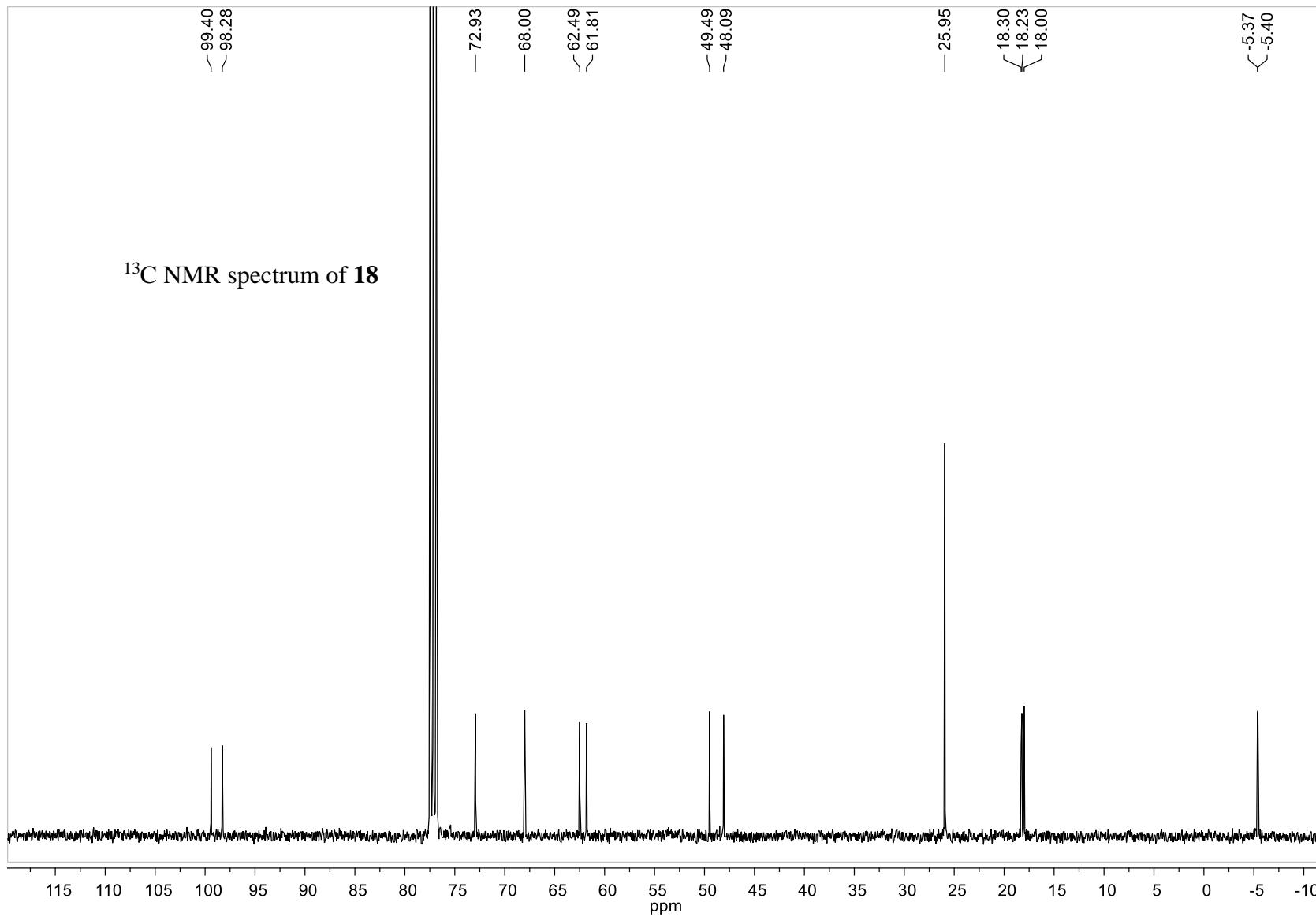


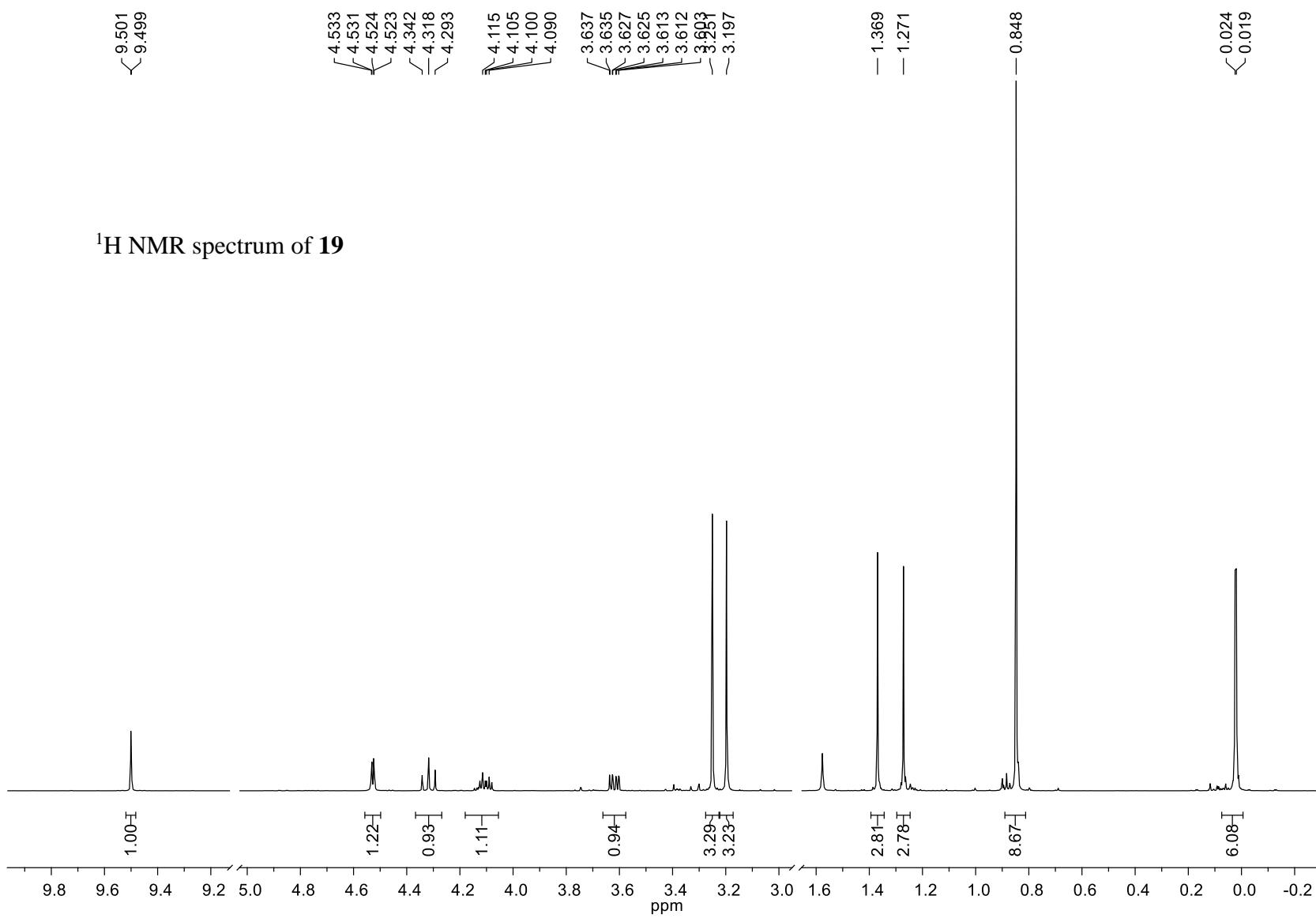


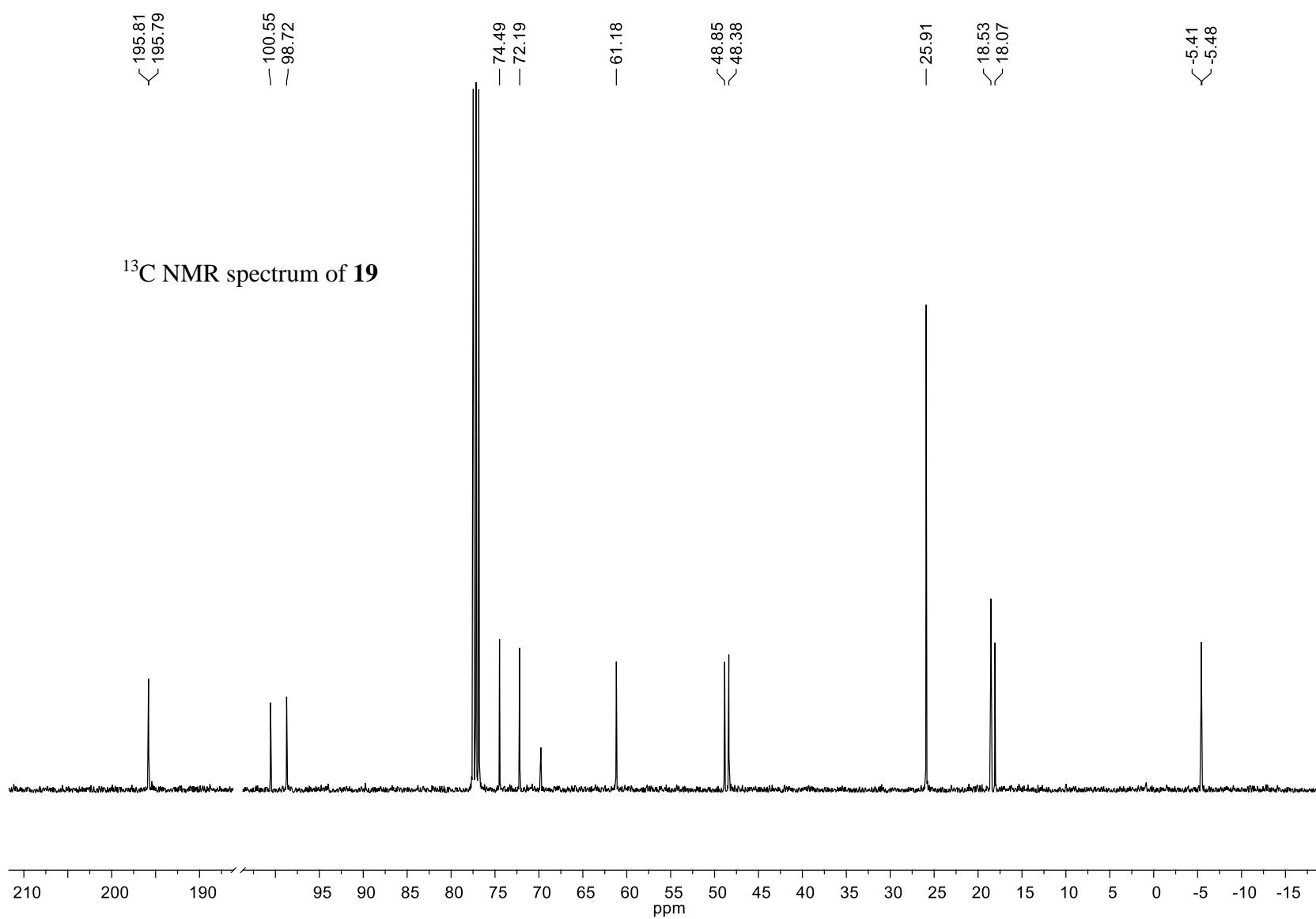


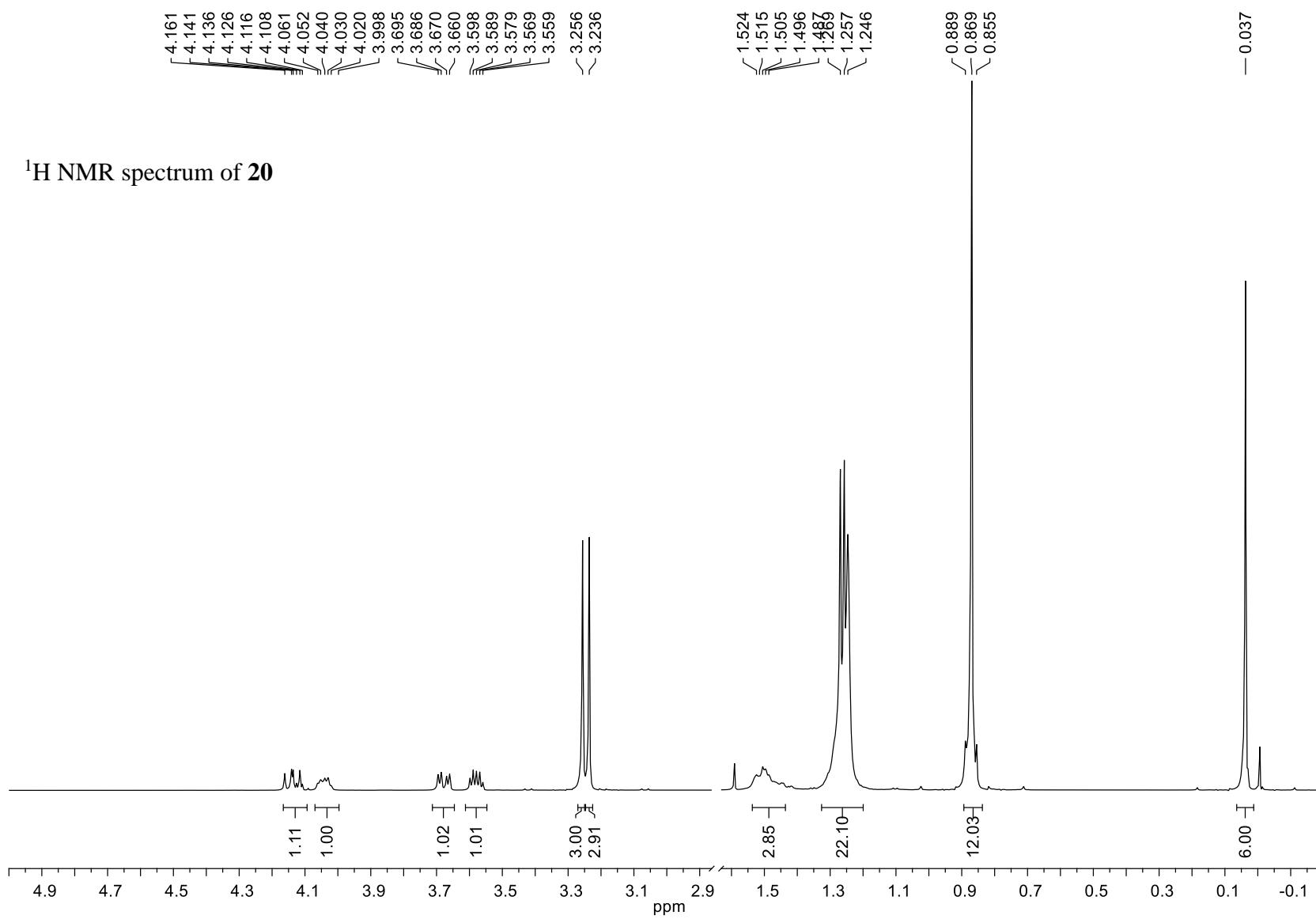


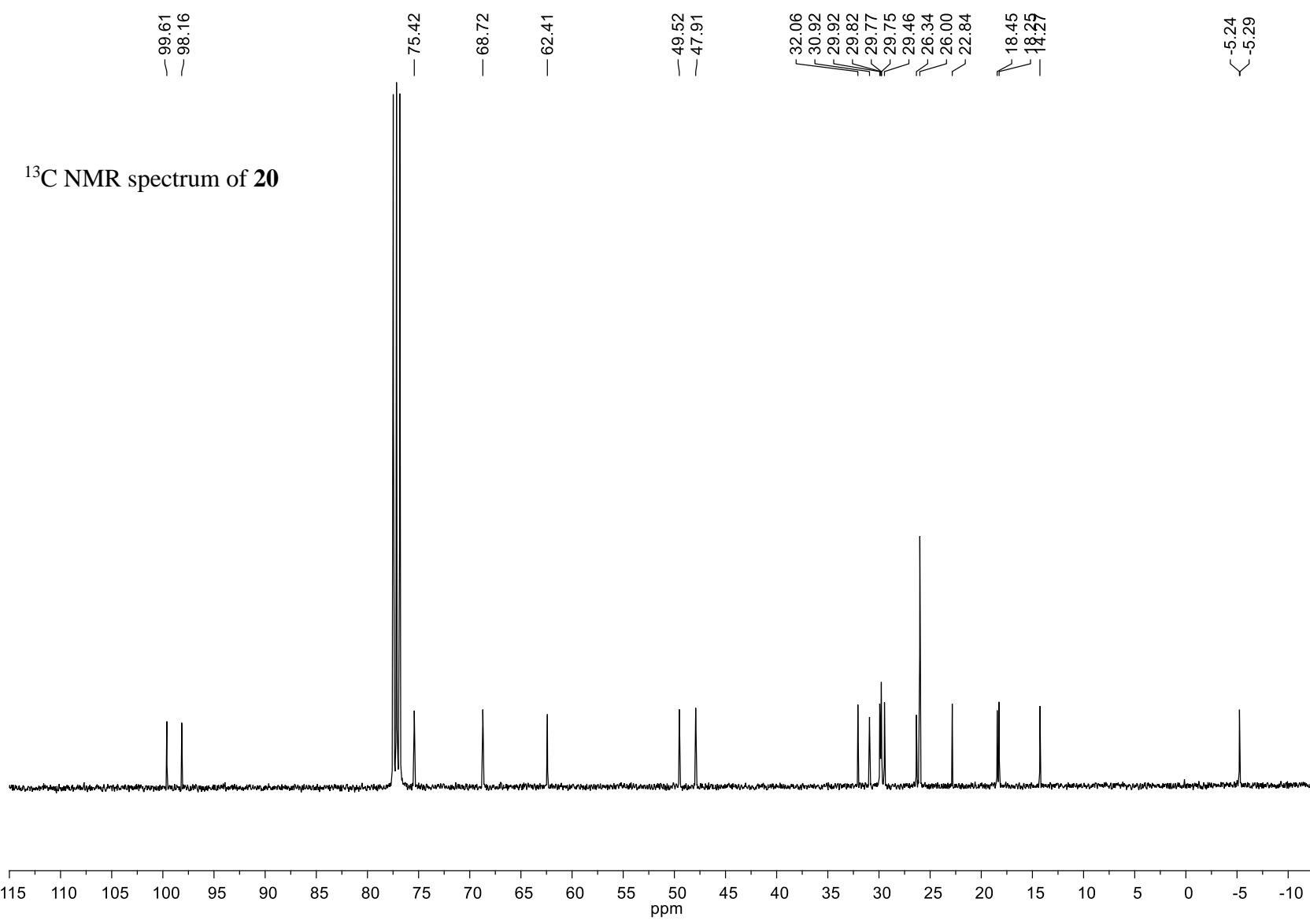


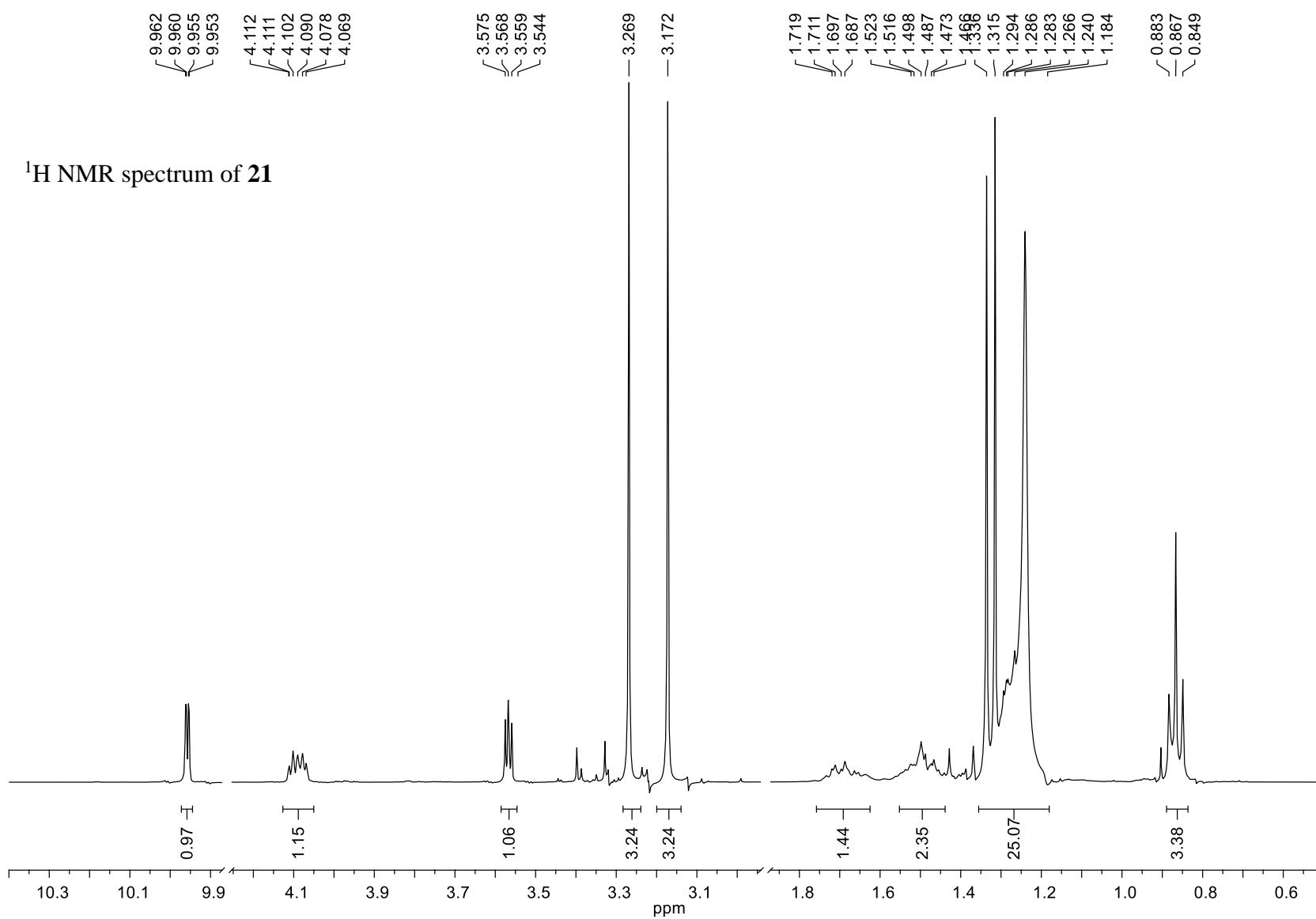


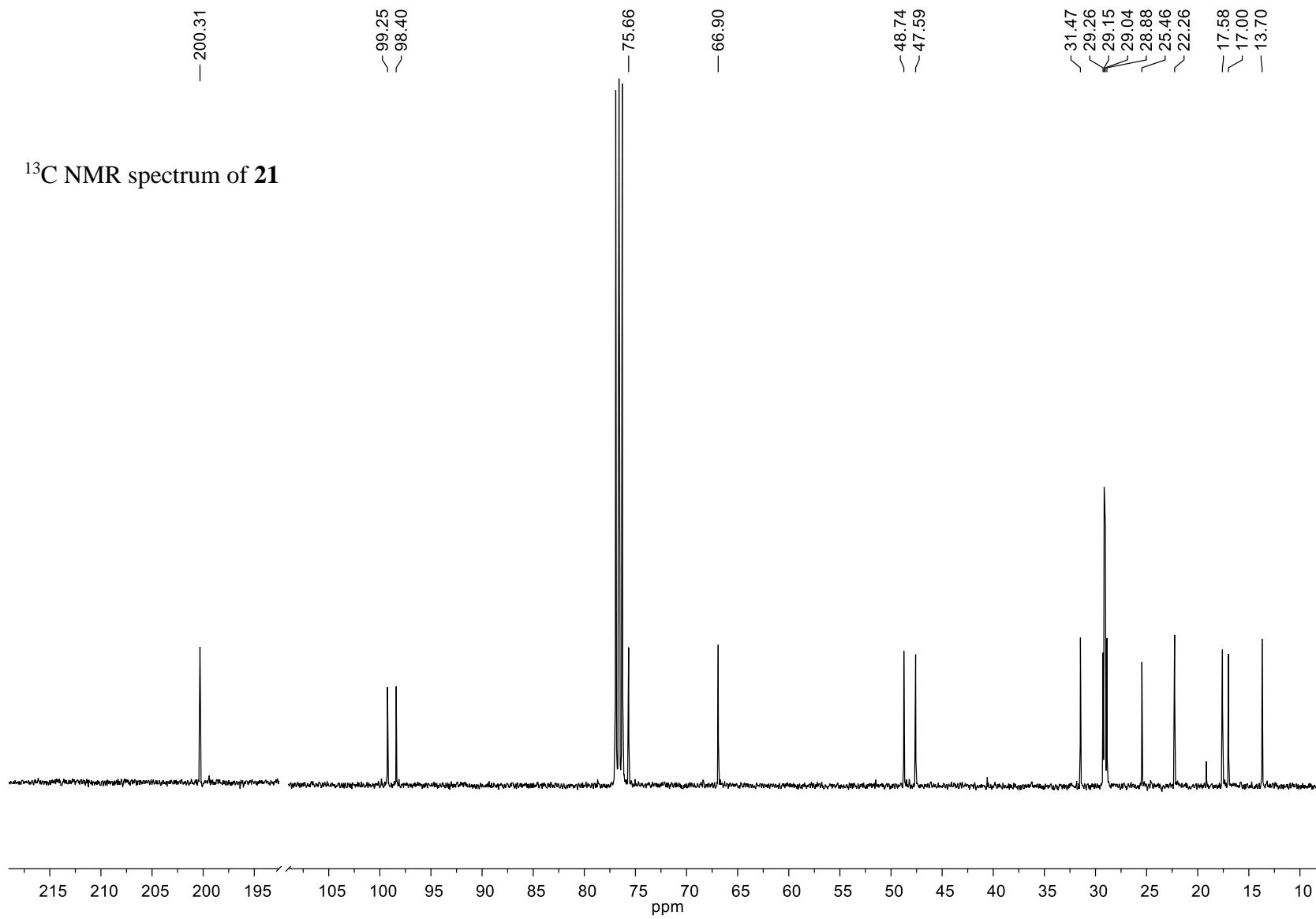


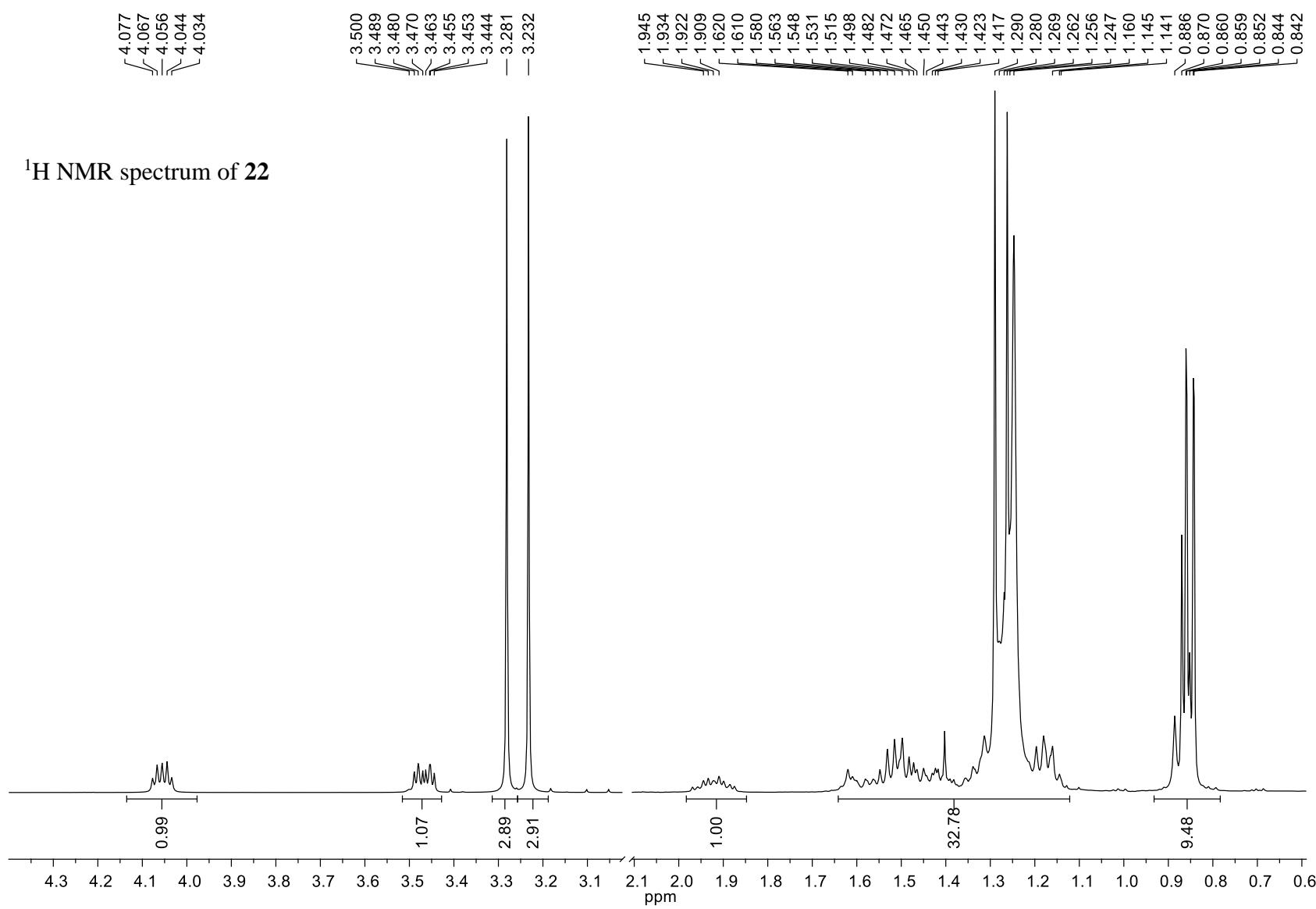


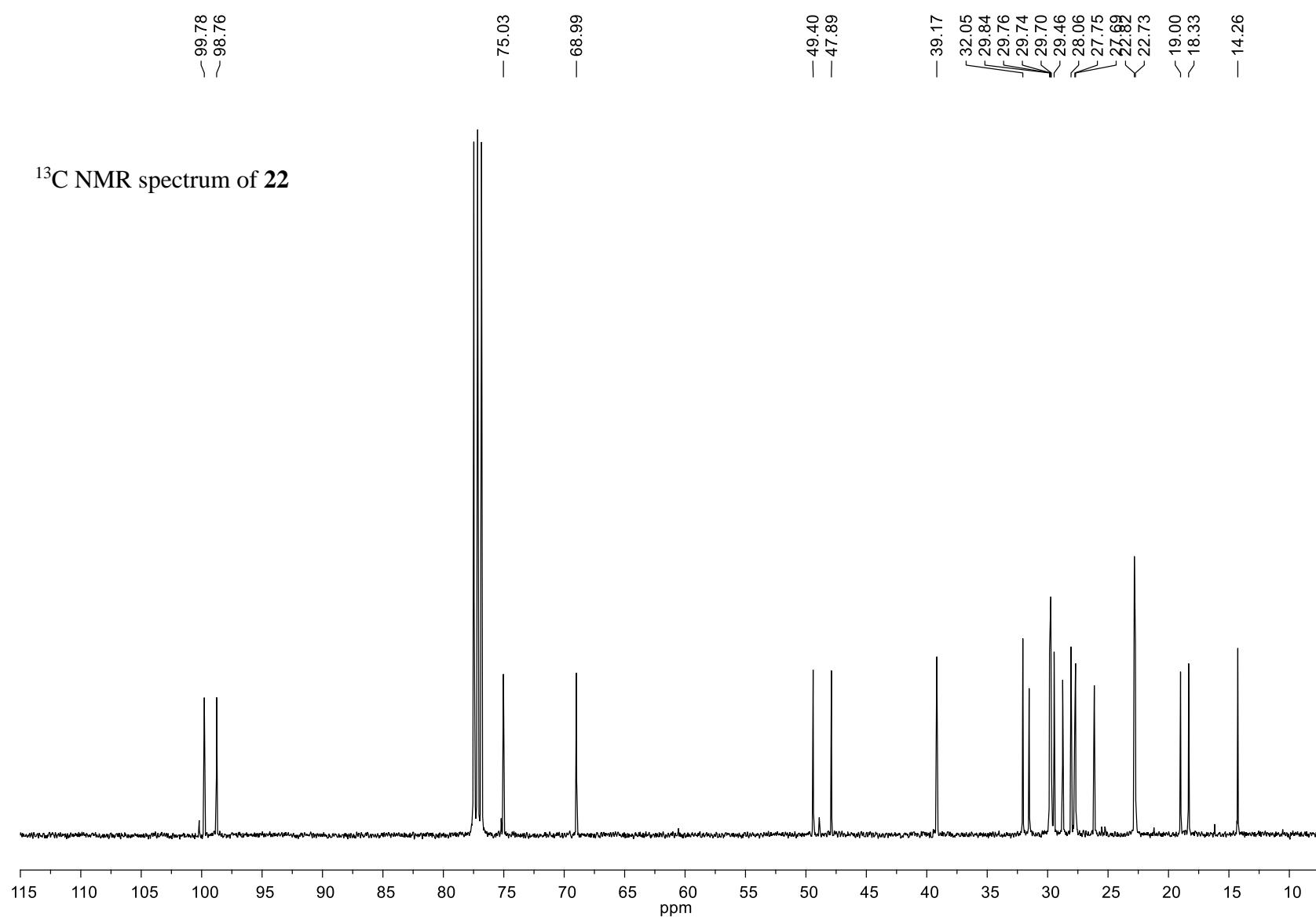


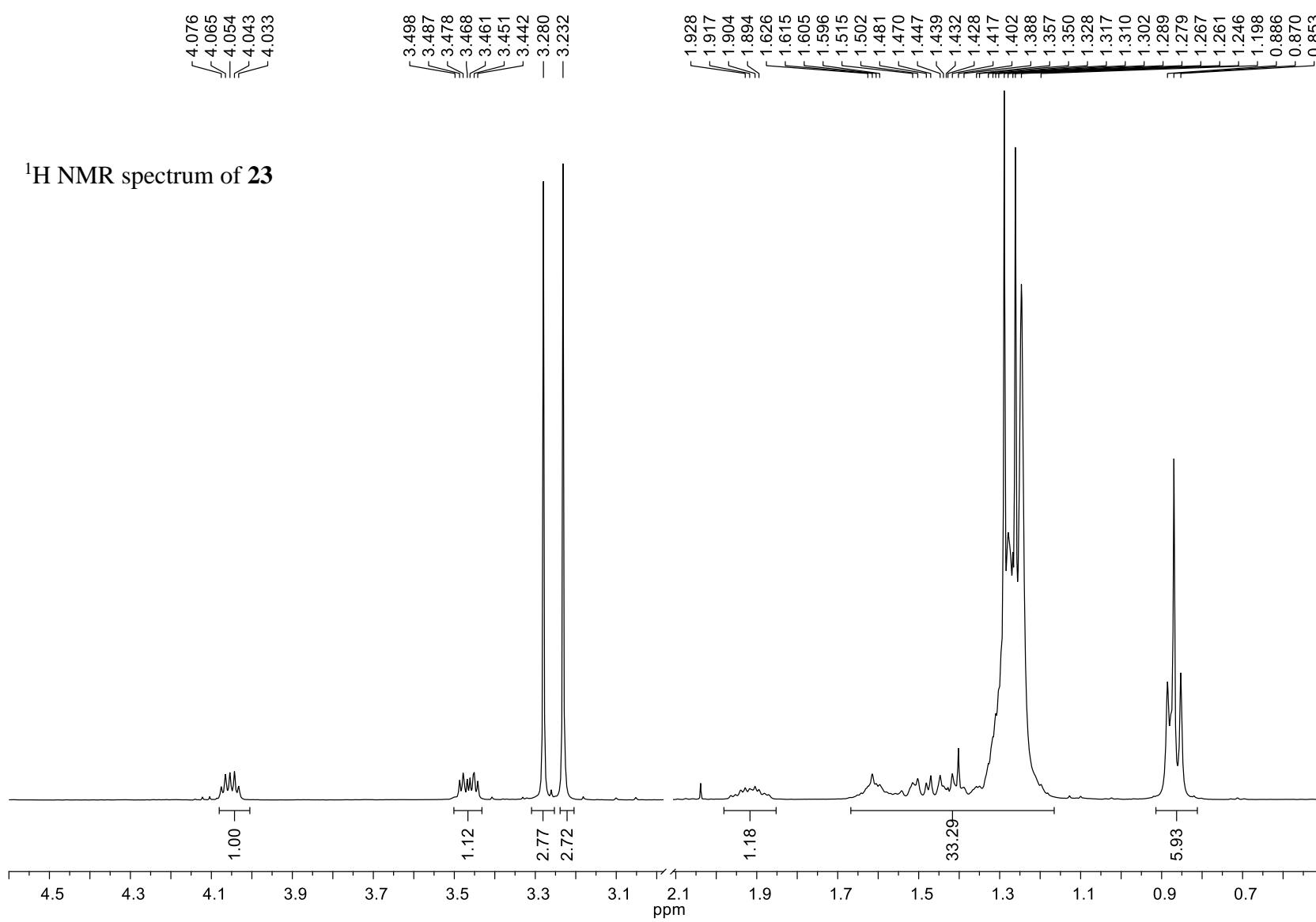


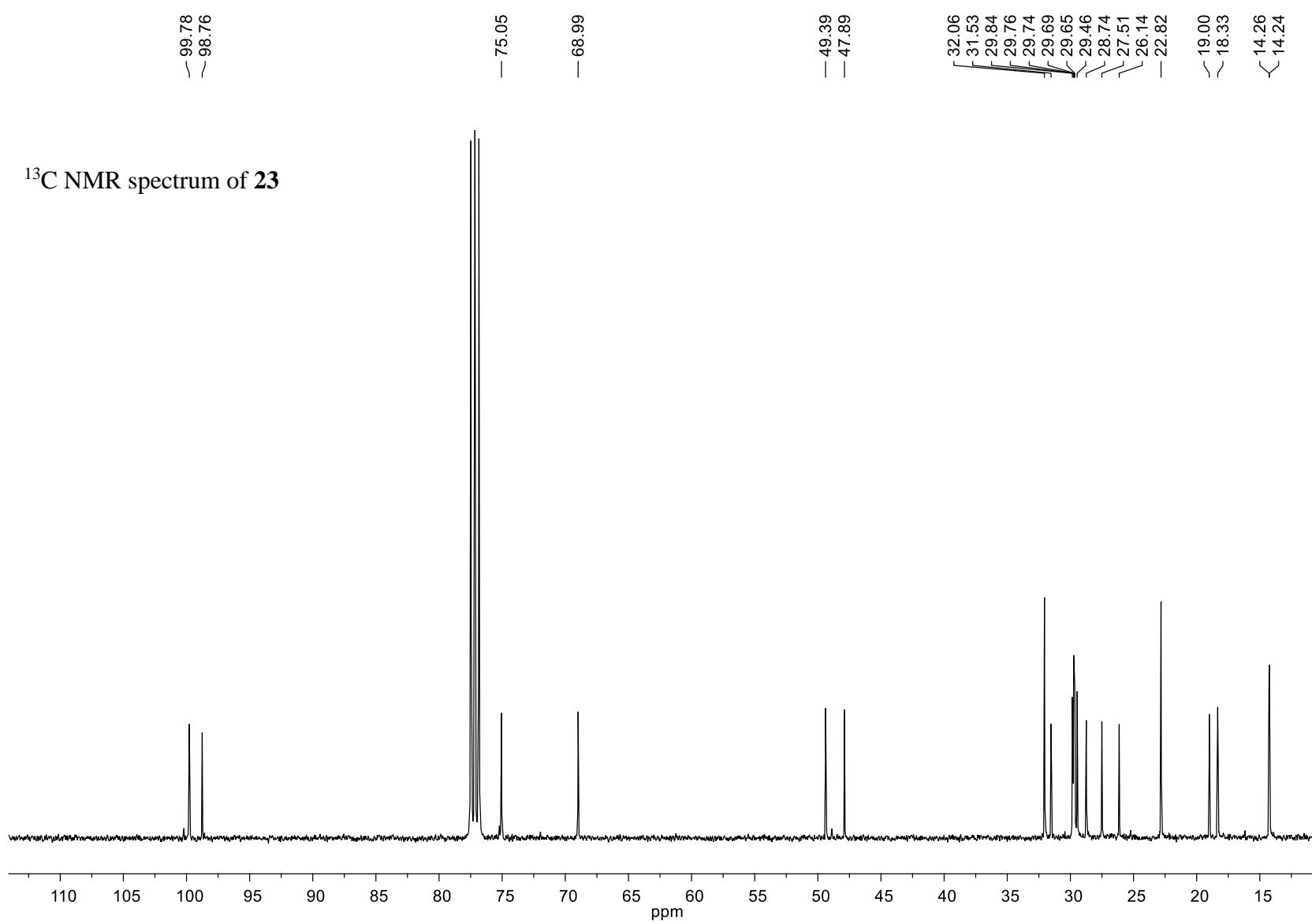


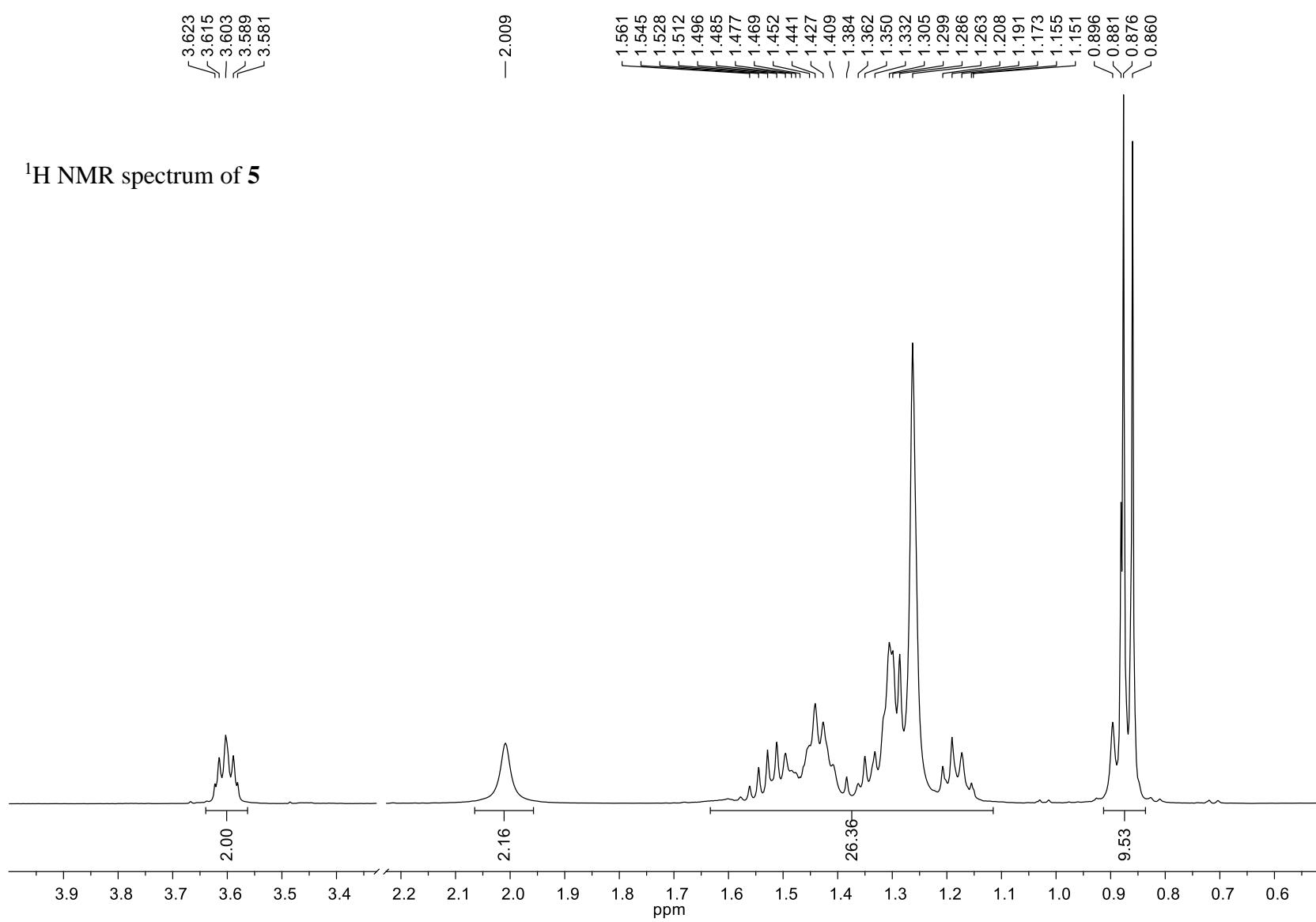


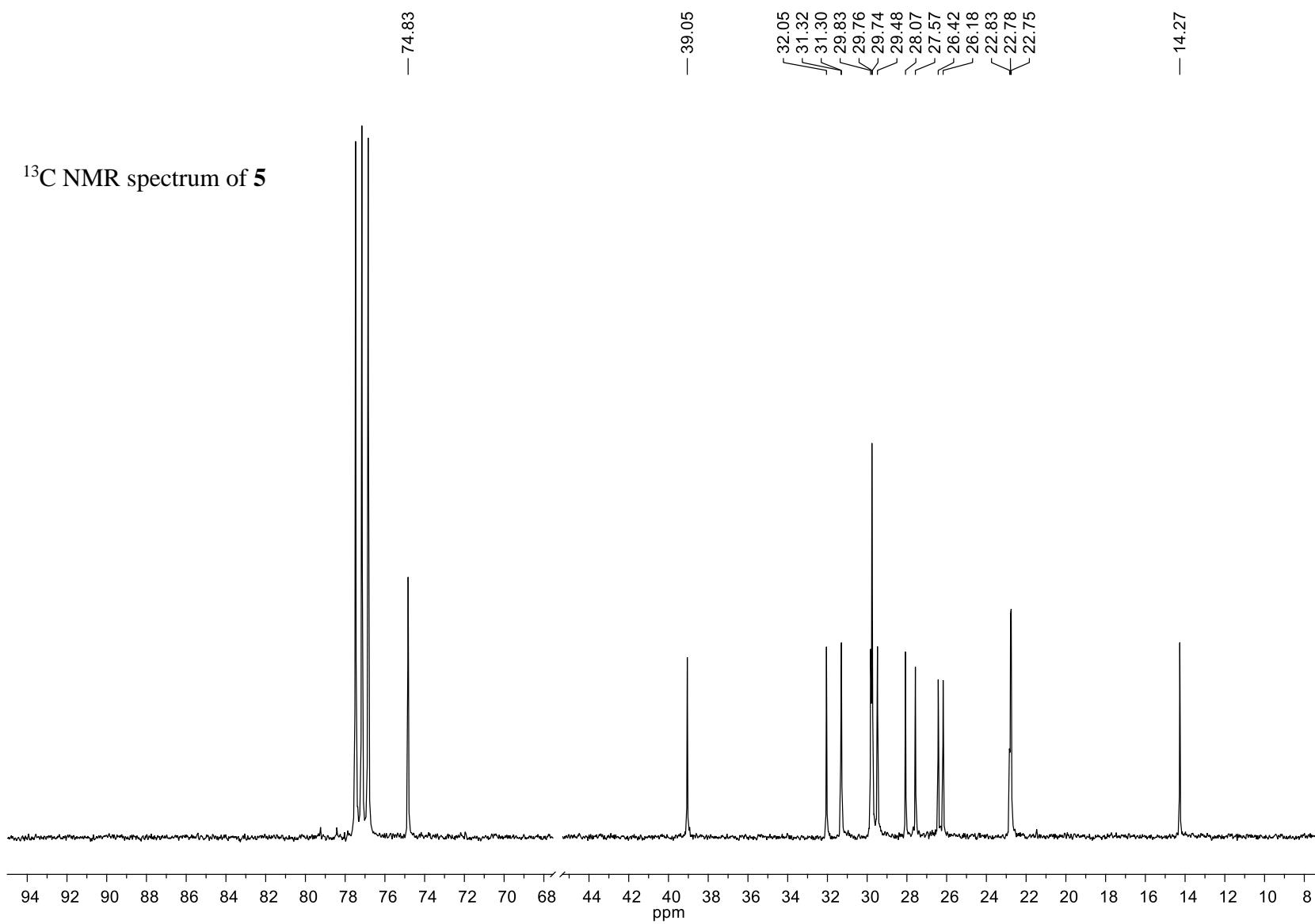


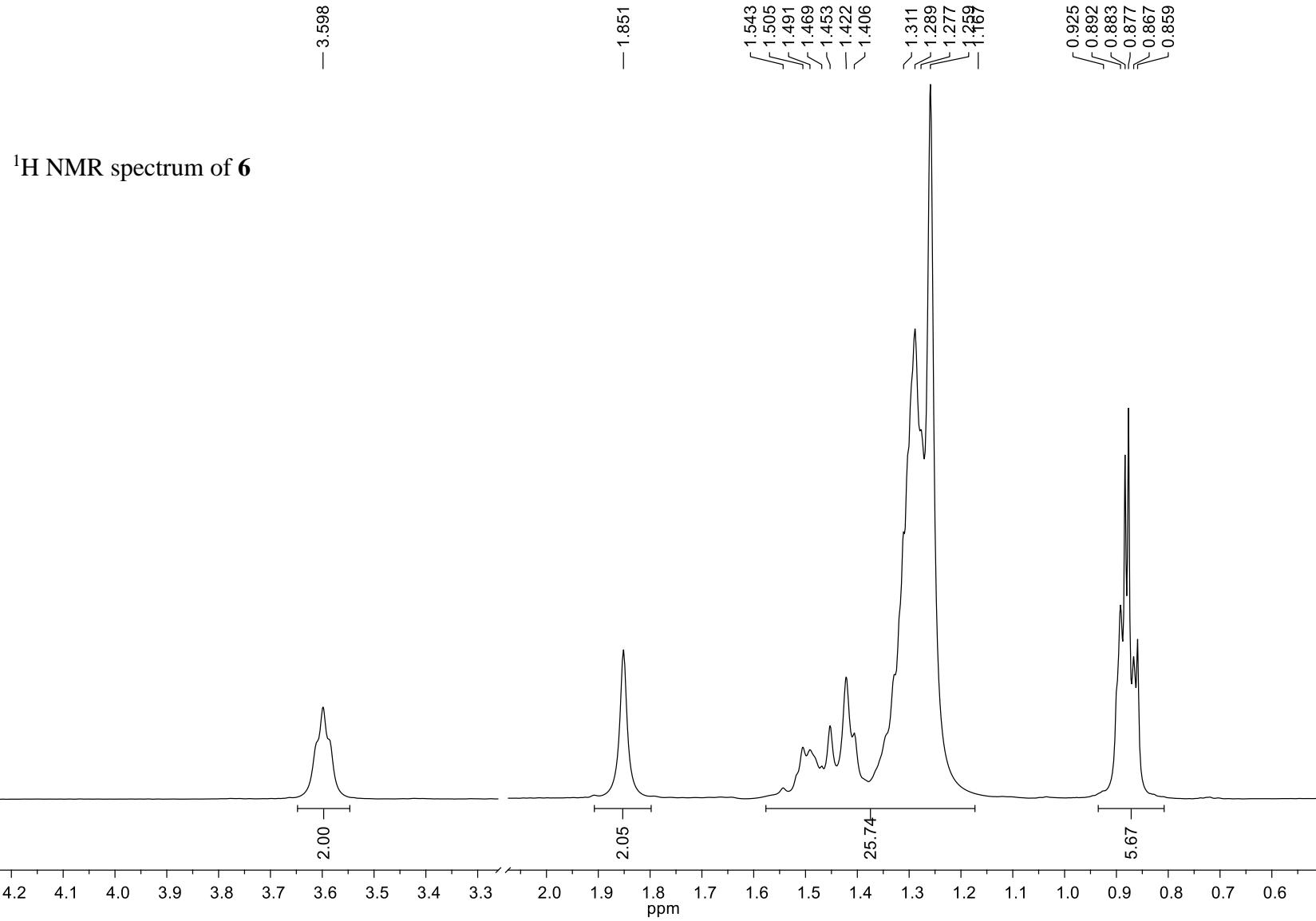


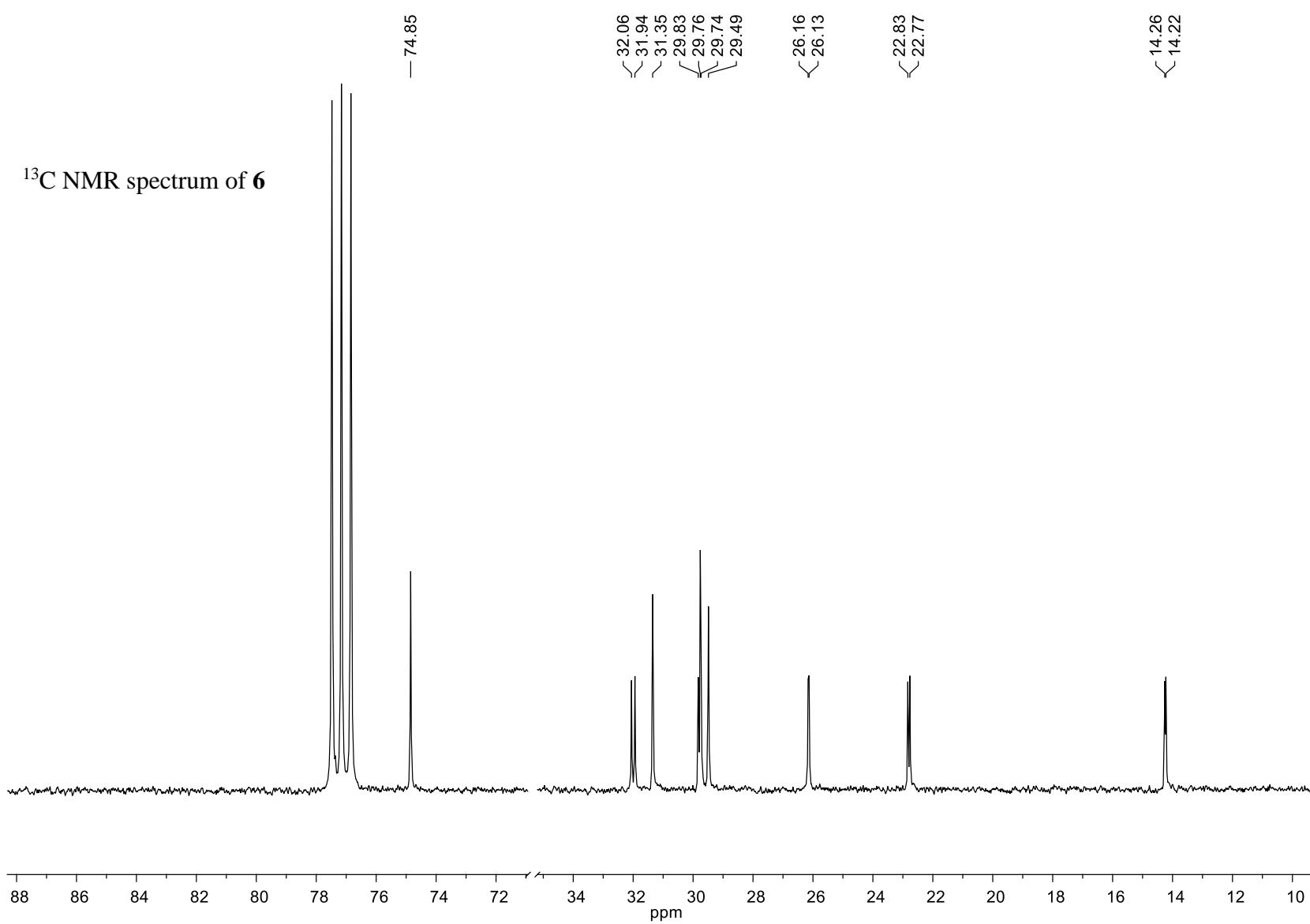




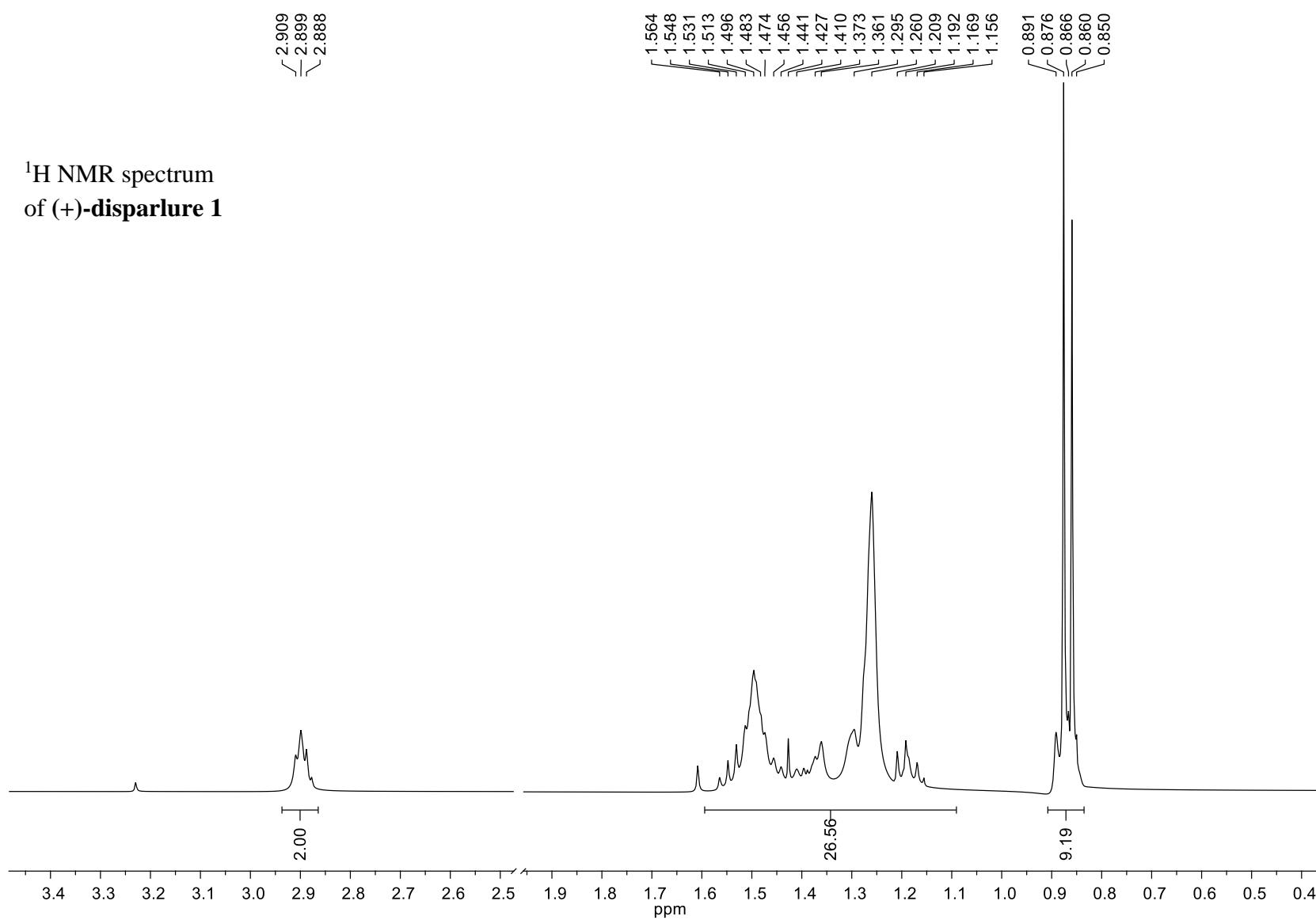




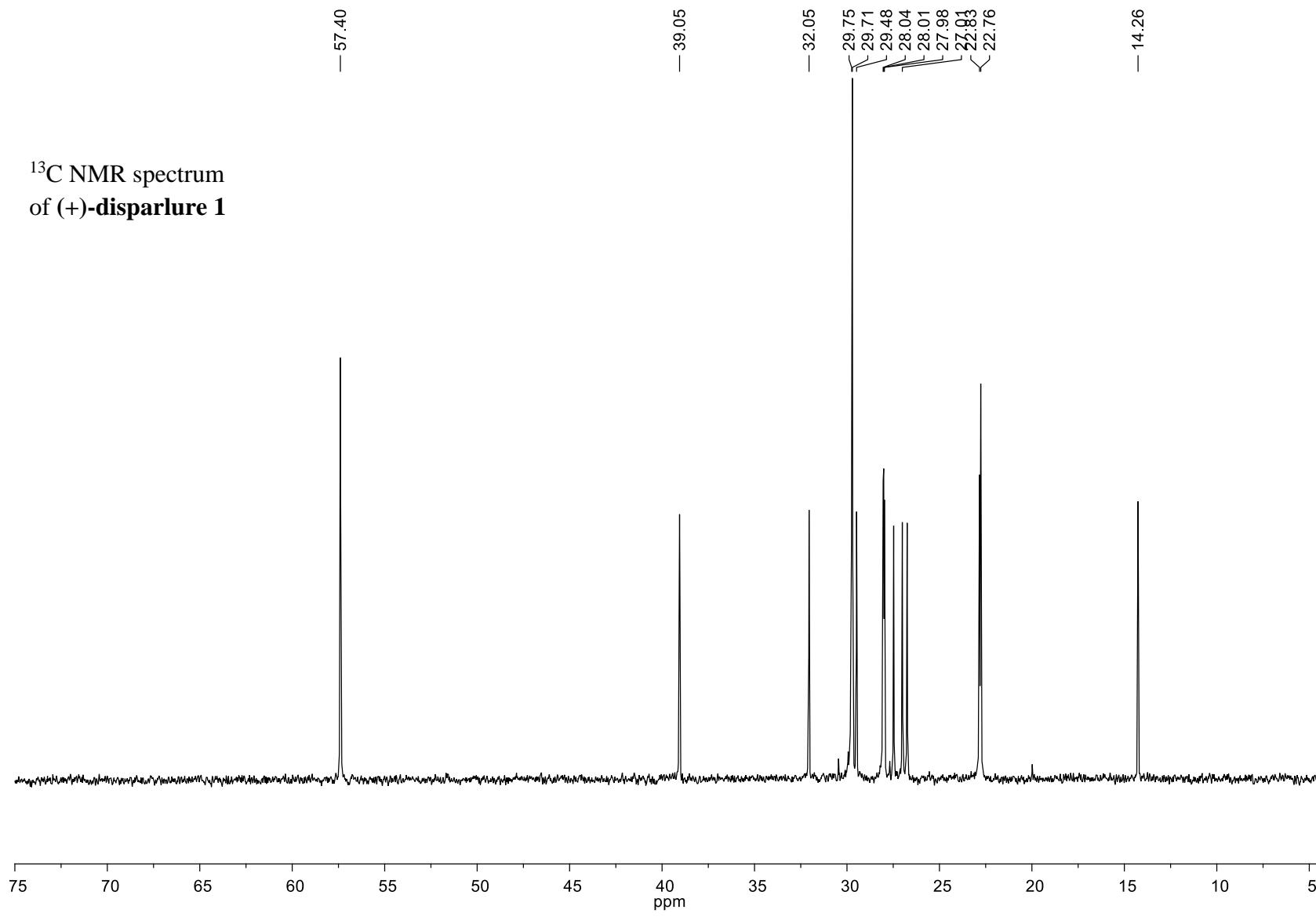


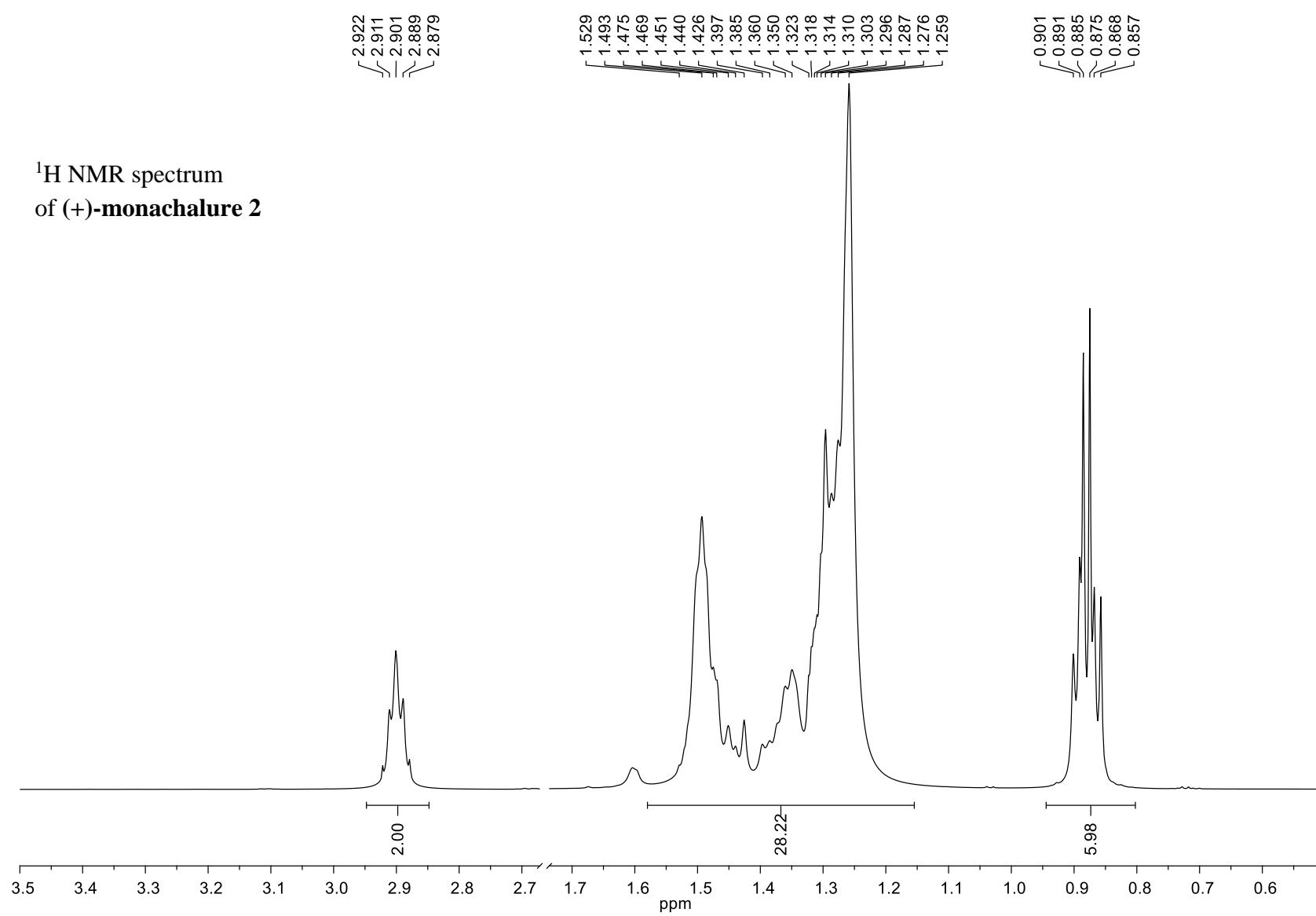


¹H NMR spectrum
of (+)-**disparlure 1**

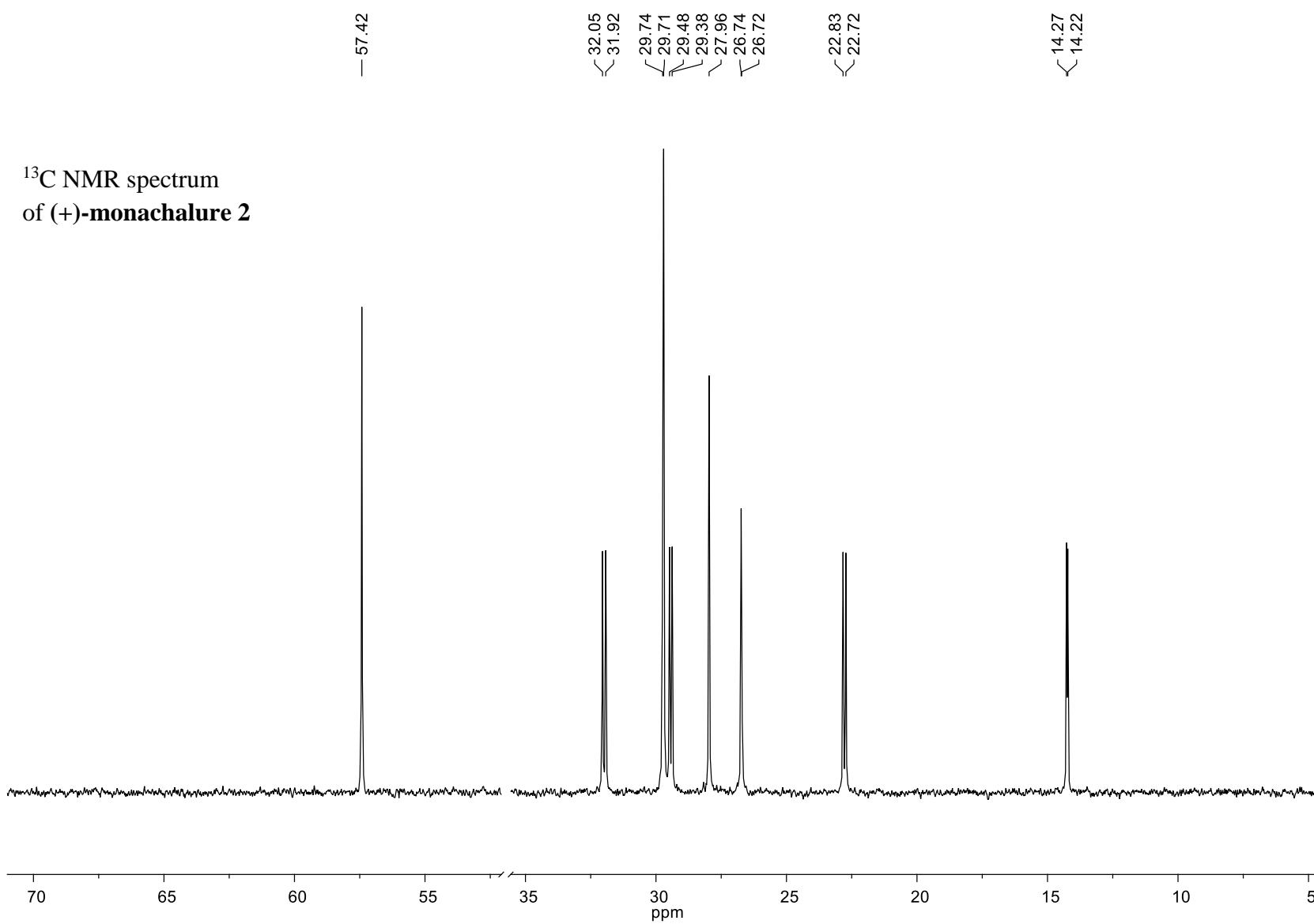


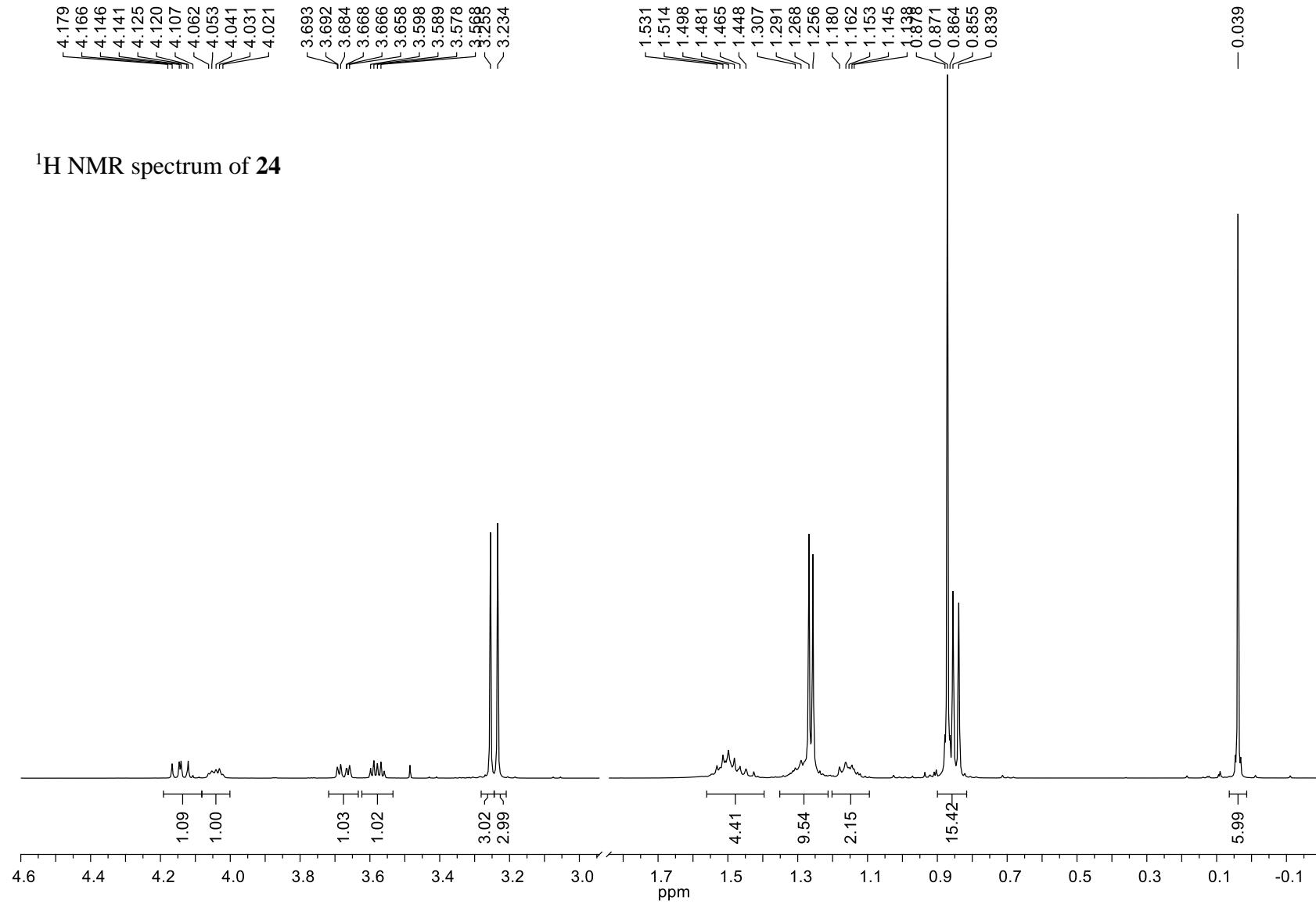
^{13}C NMR spectrum
of (+)-disparlure **1**

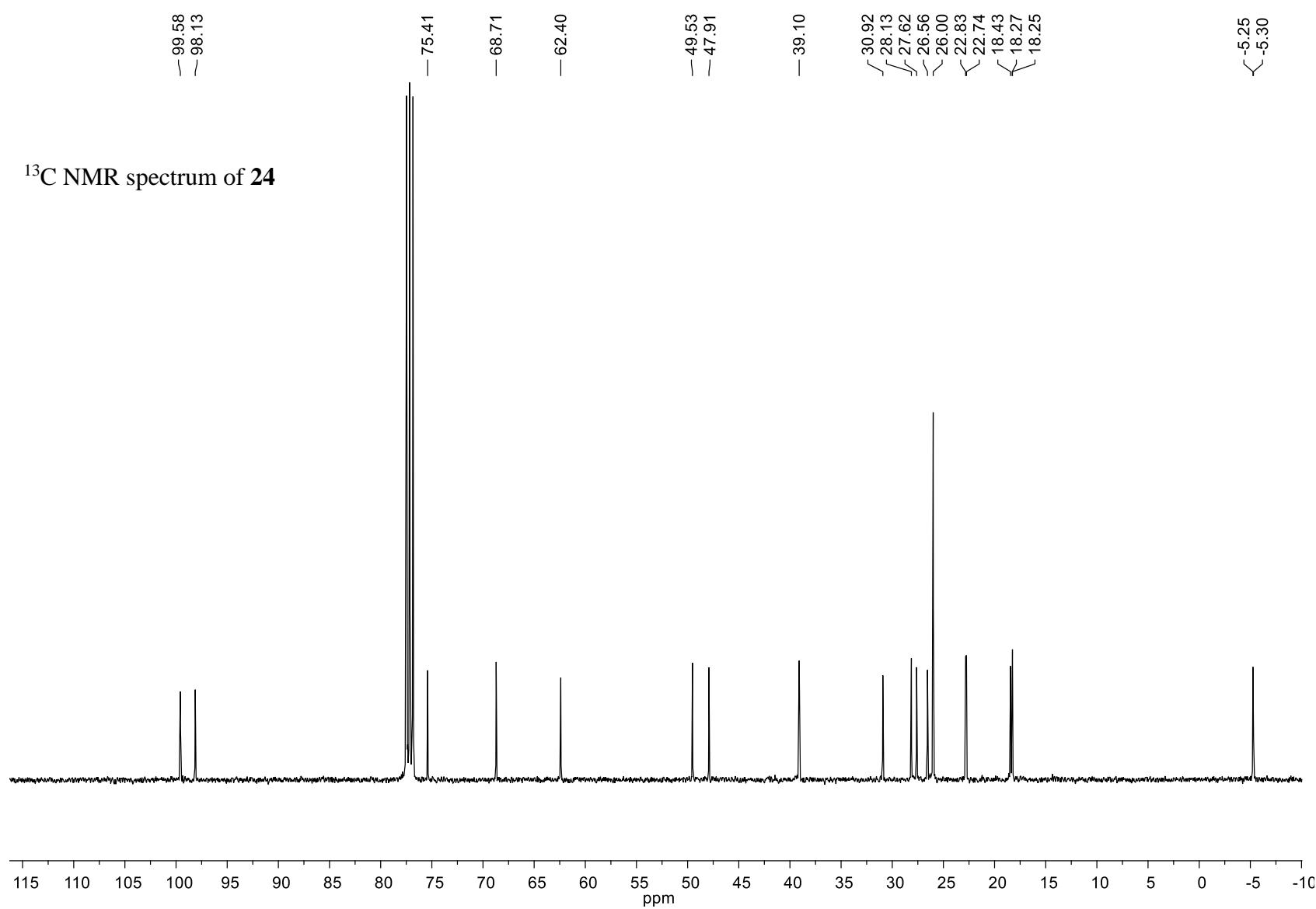


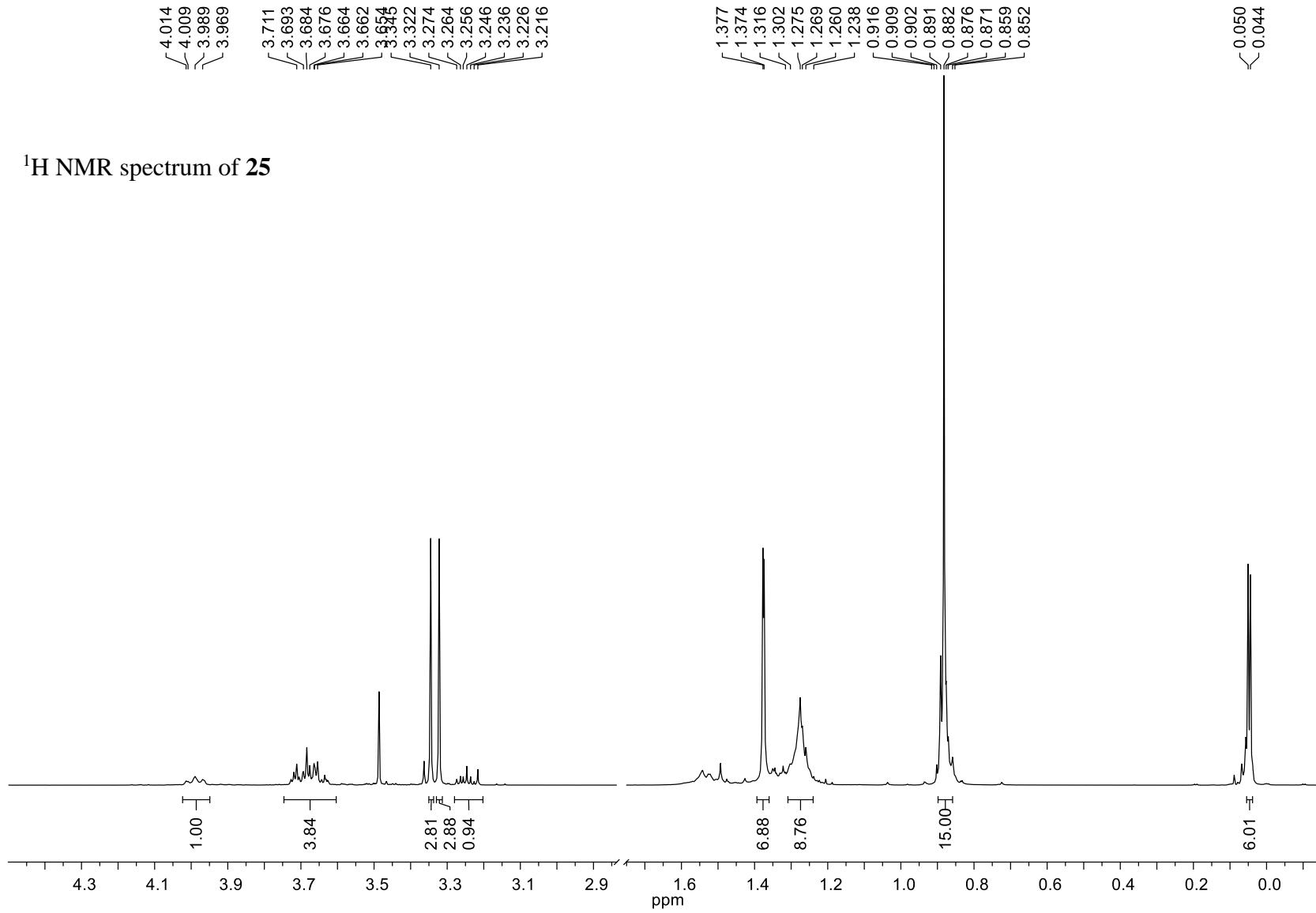


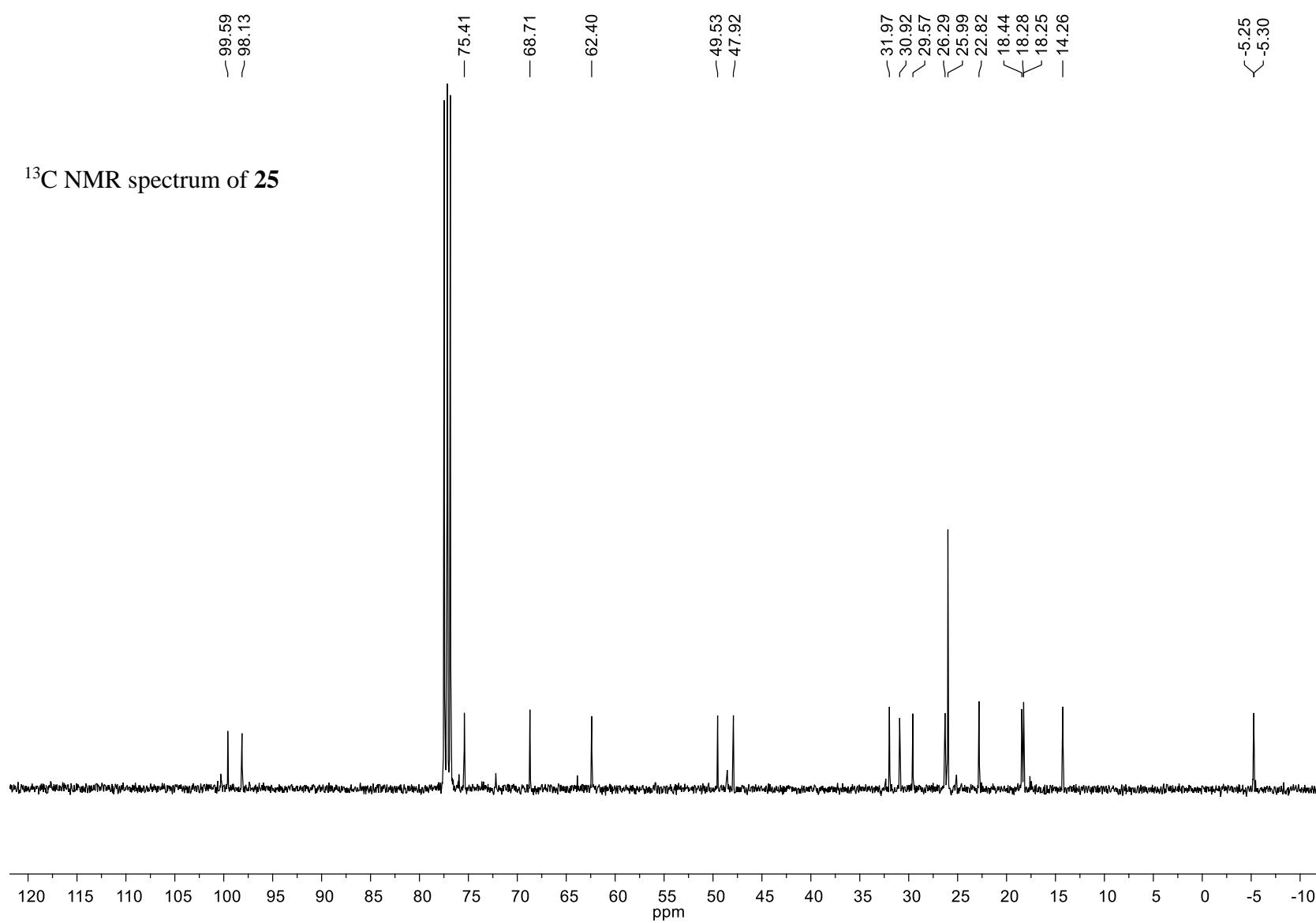
¹³C NMR spectrum
of (+)-monachalure **2**

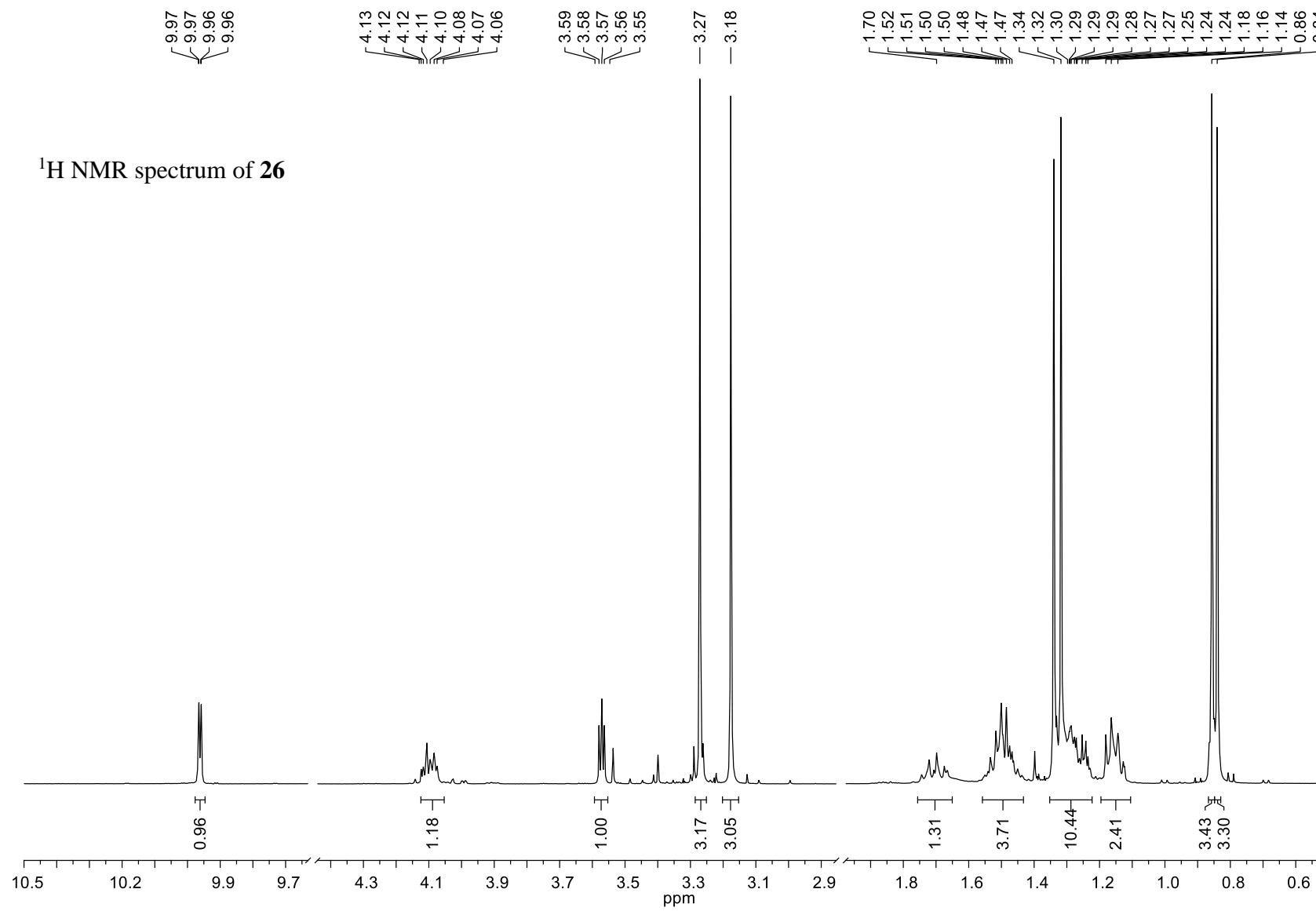


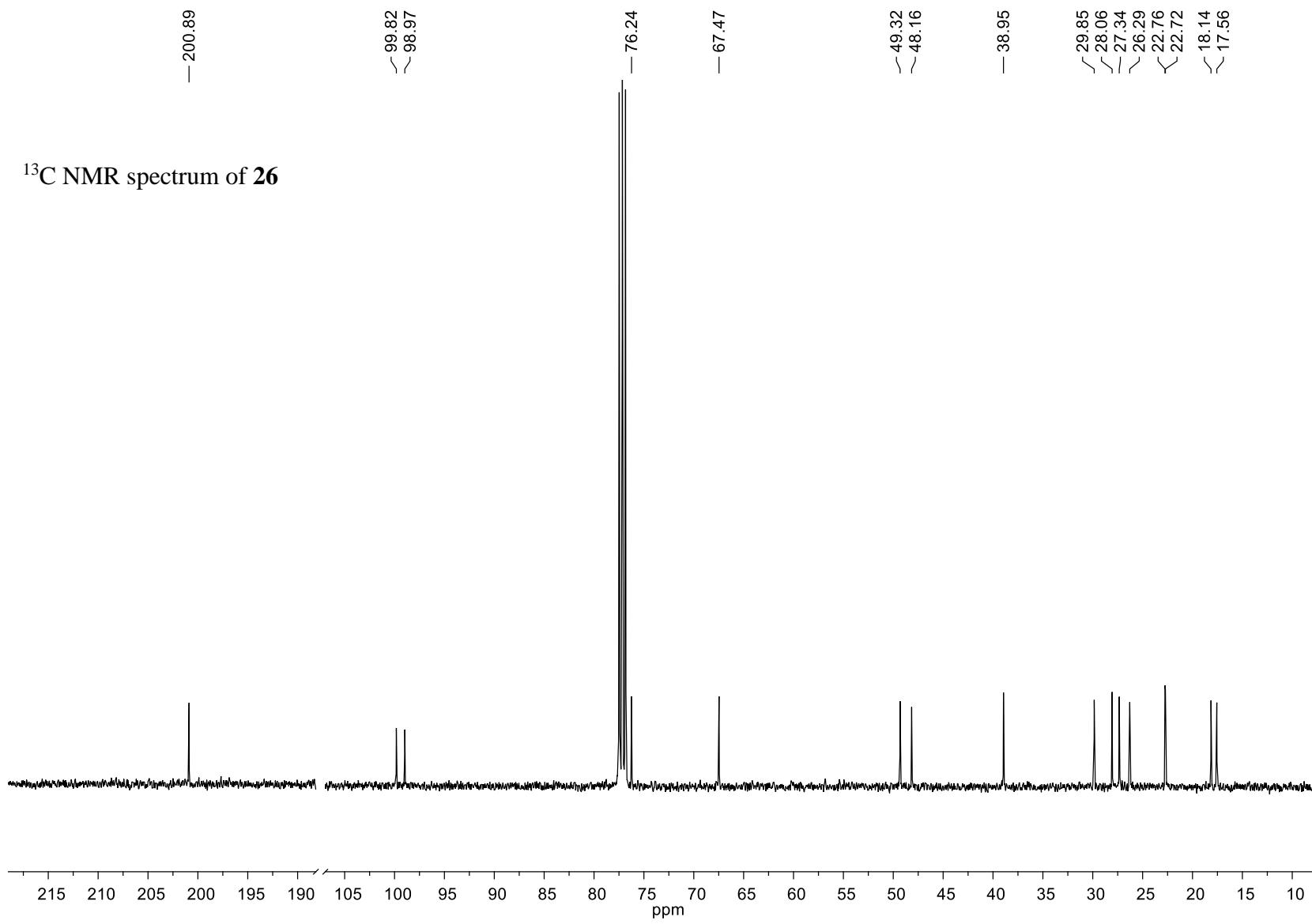


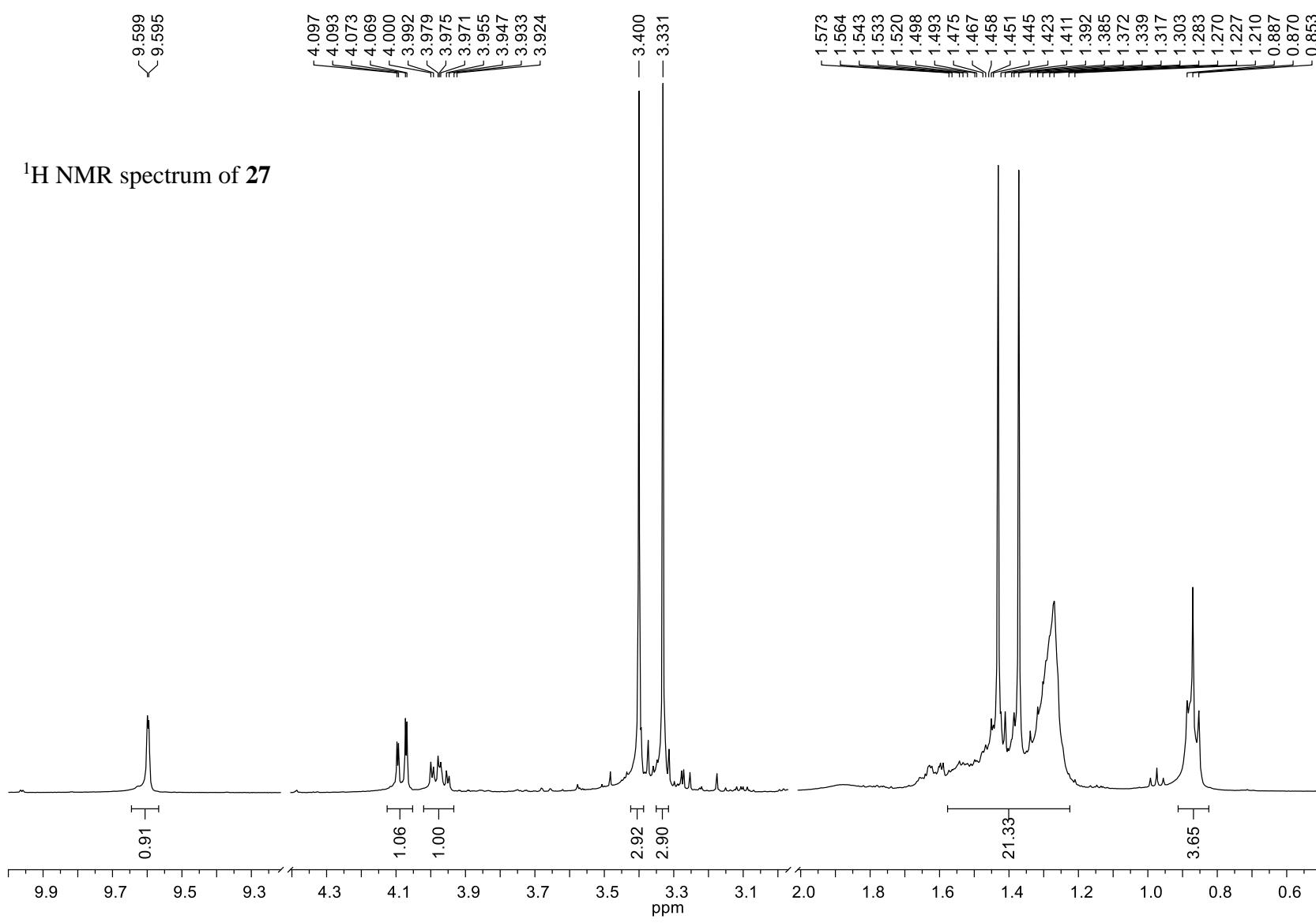


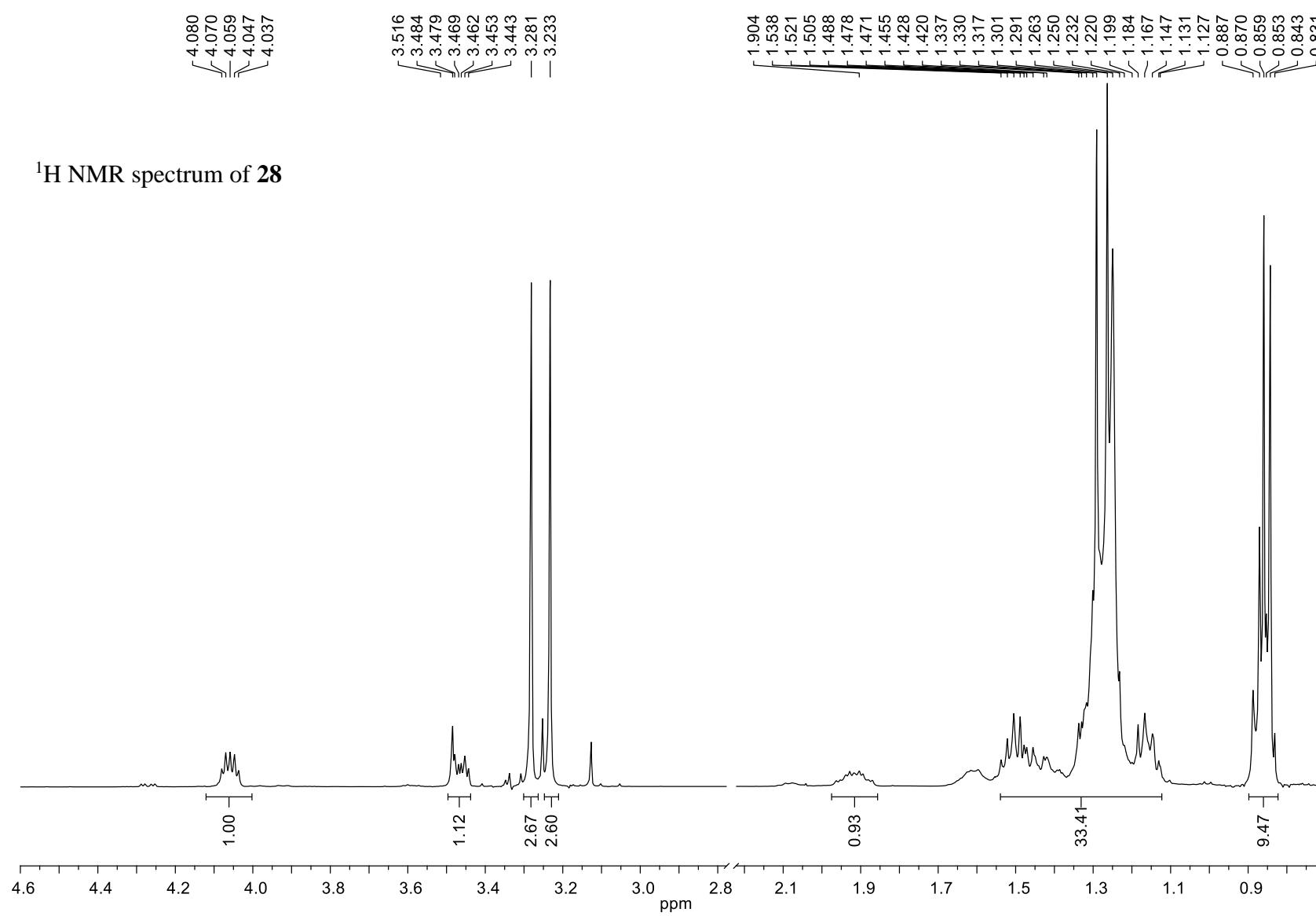


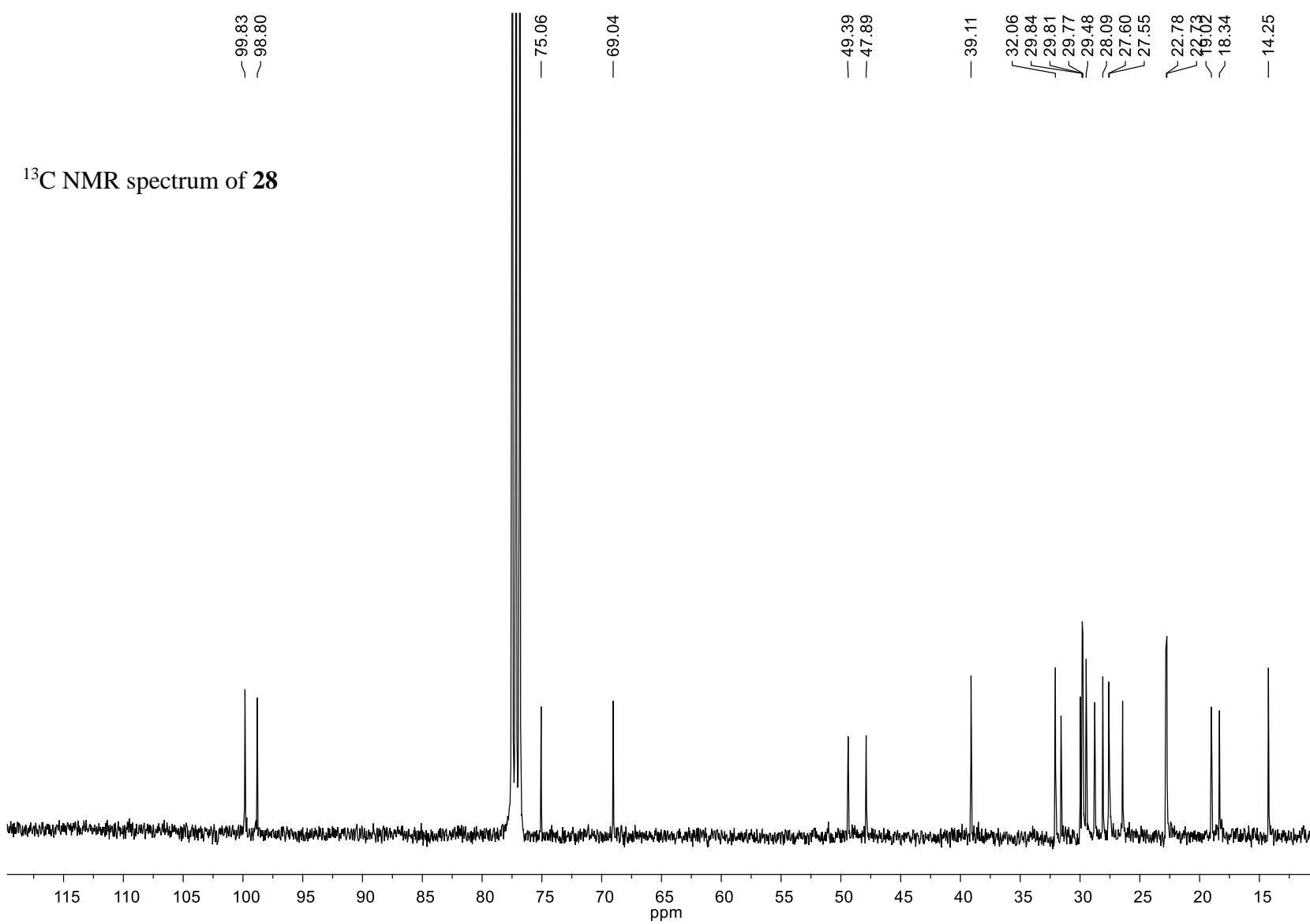




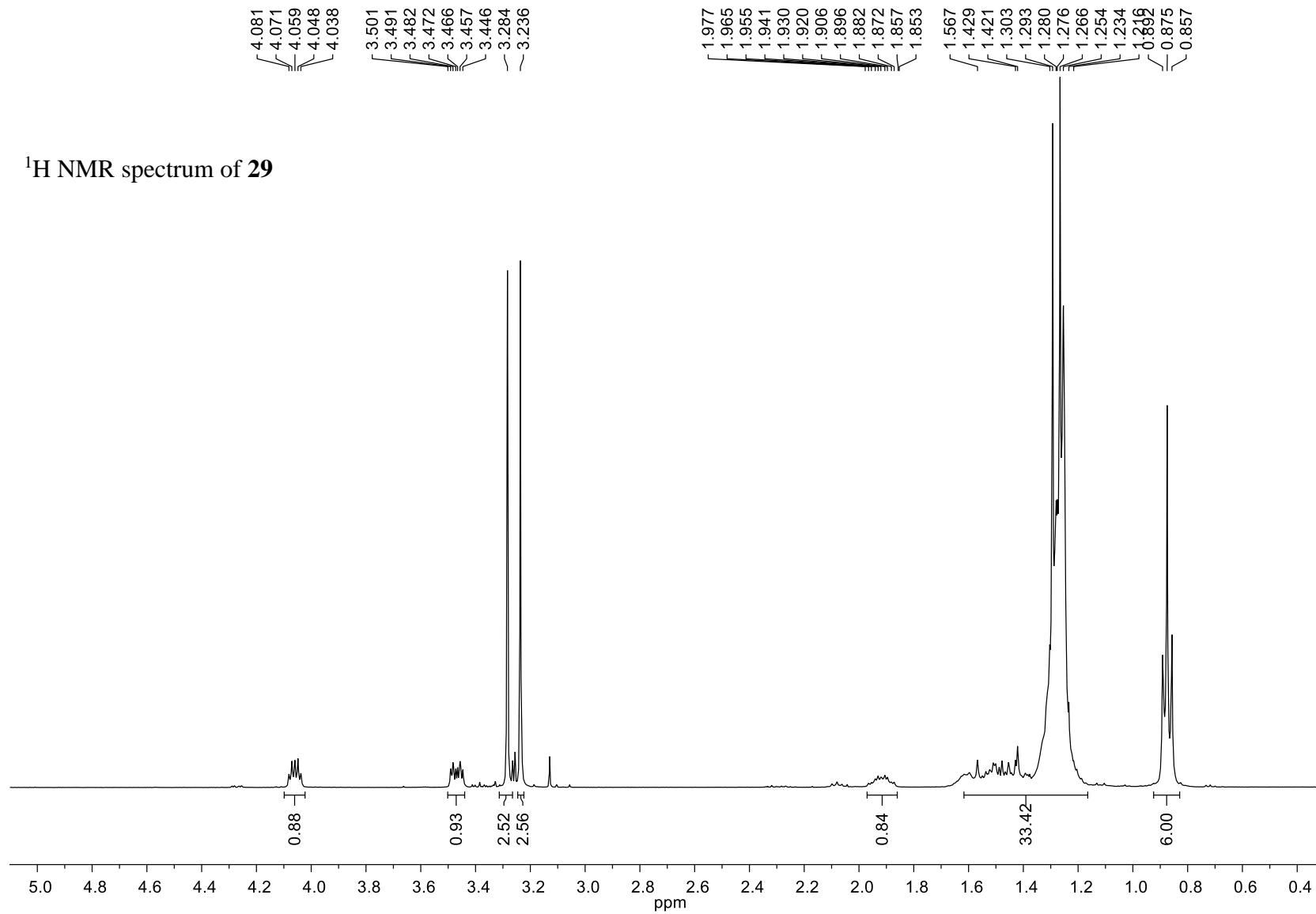


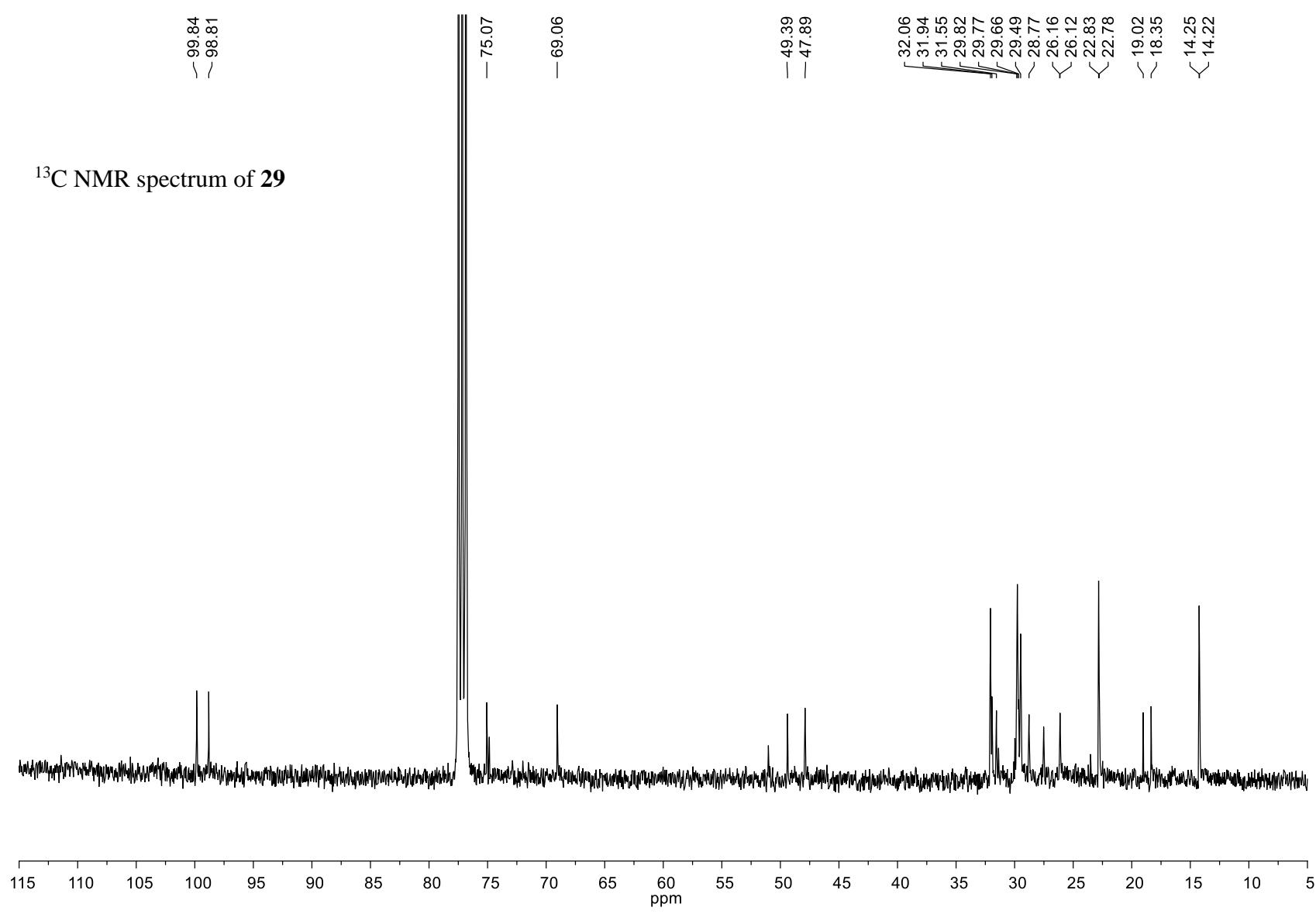


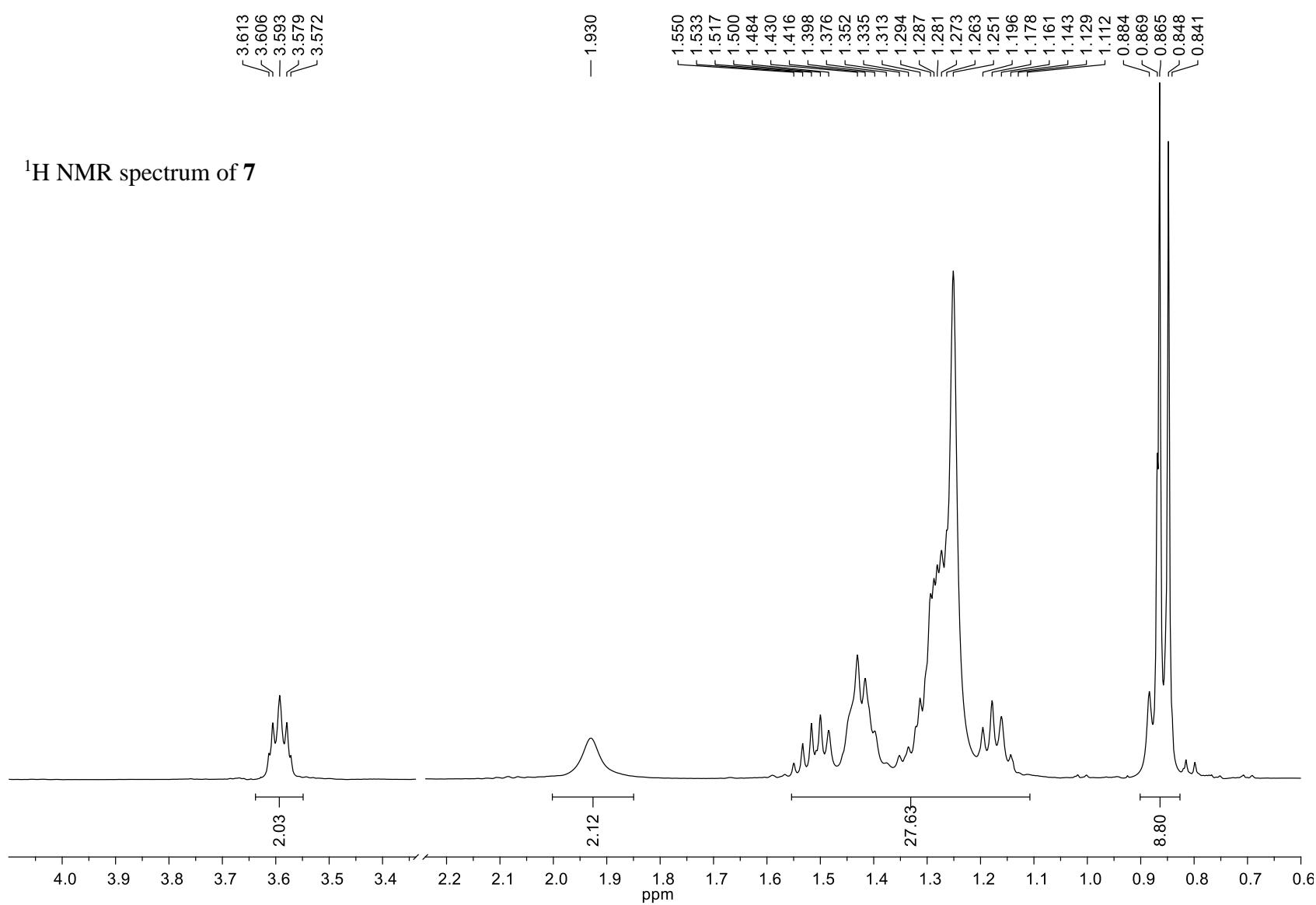




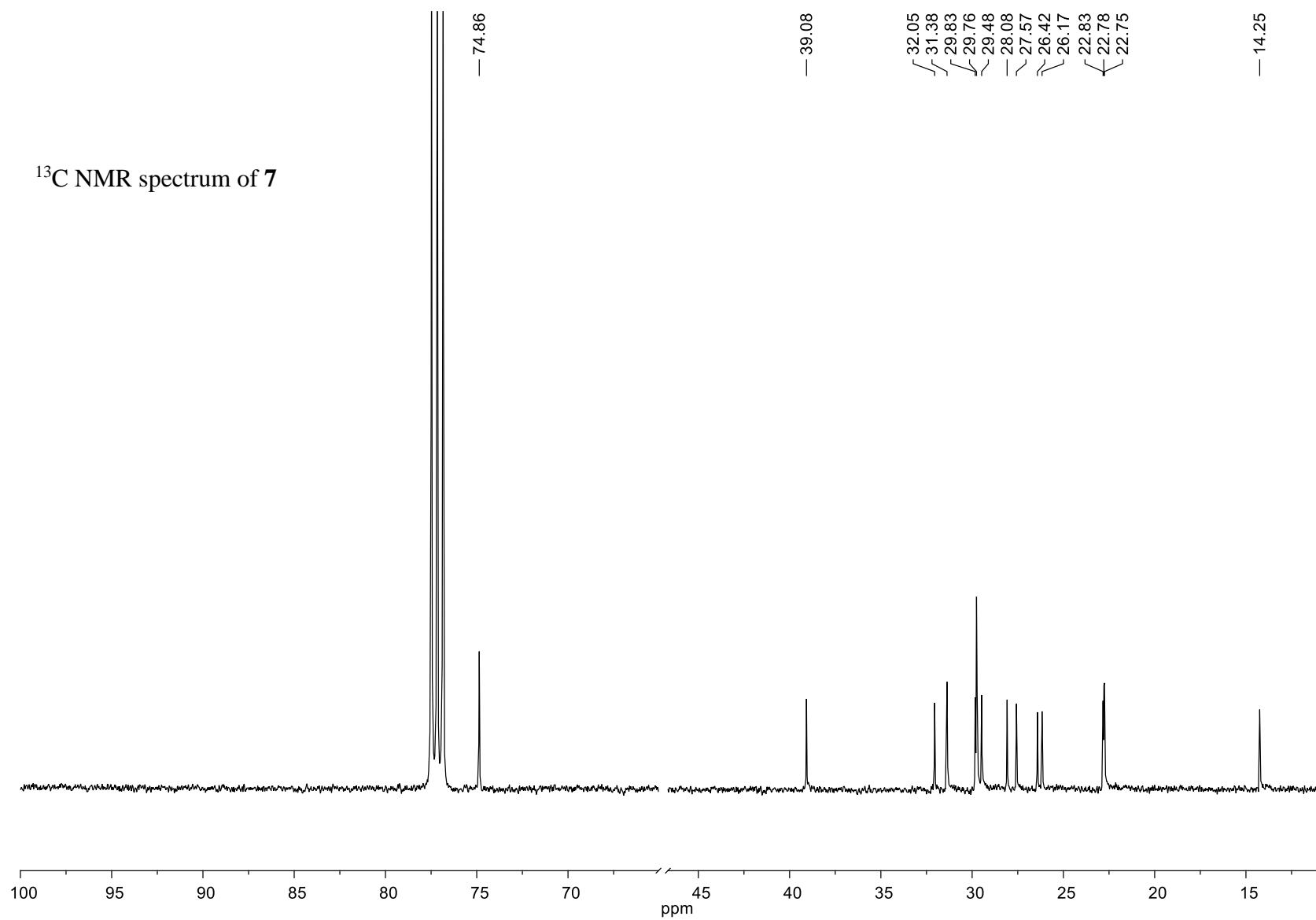
¹H NMR spectrum of **29**

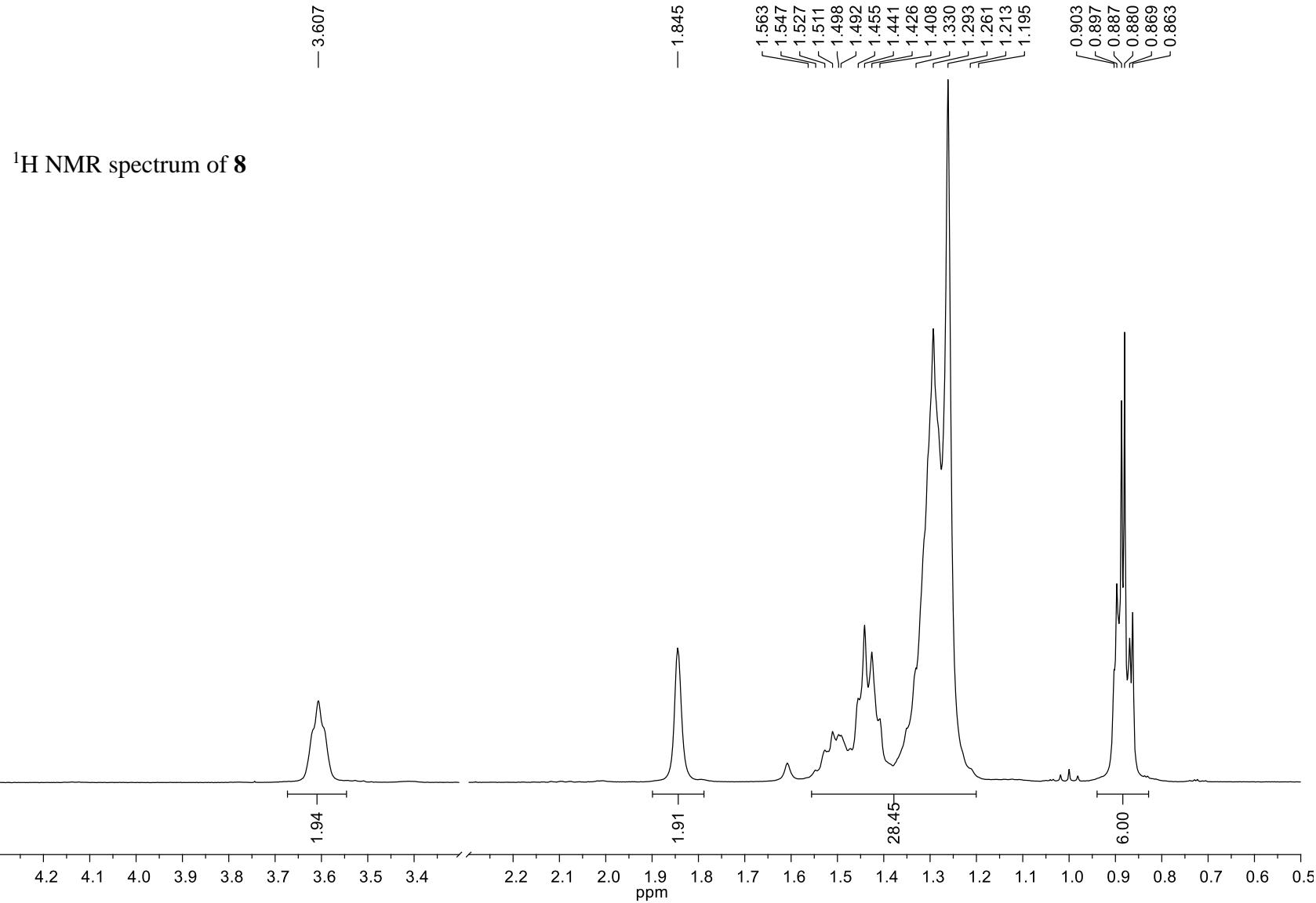




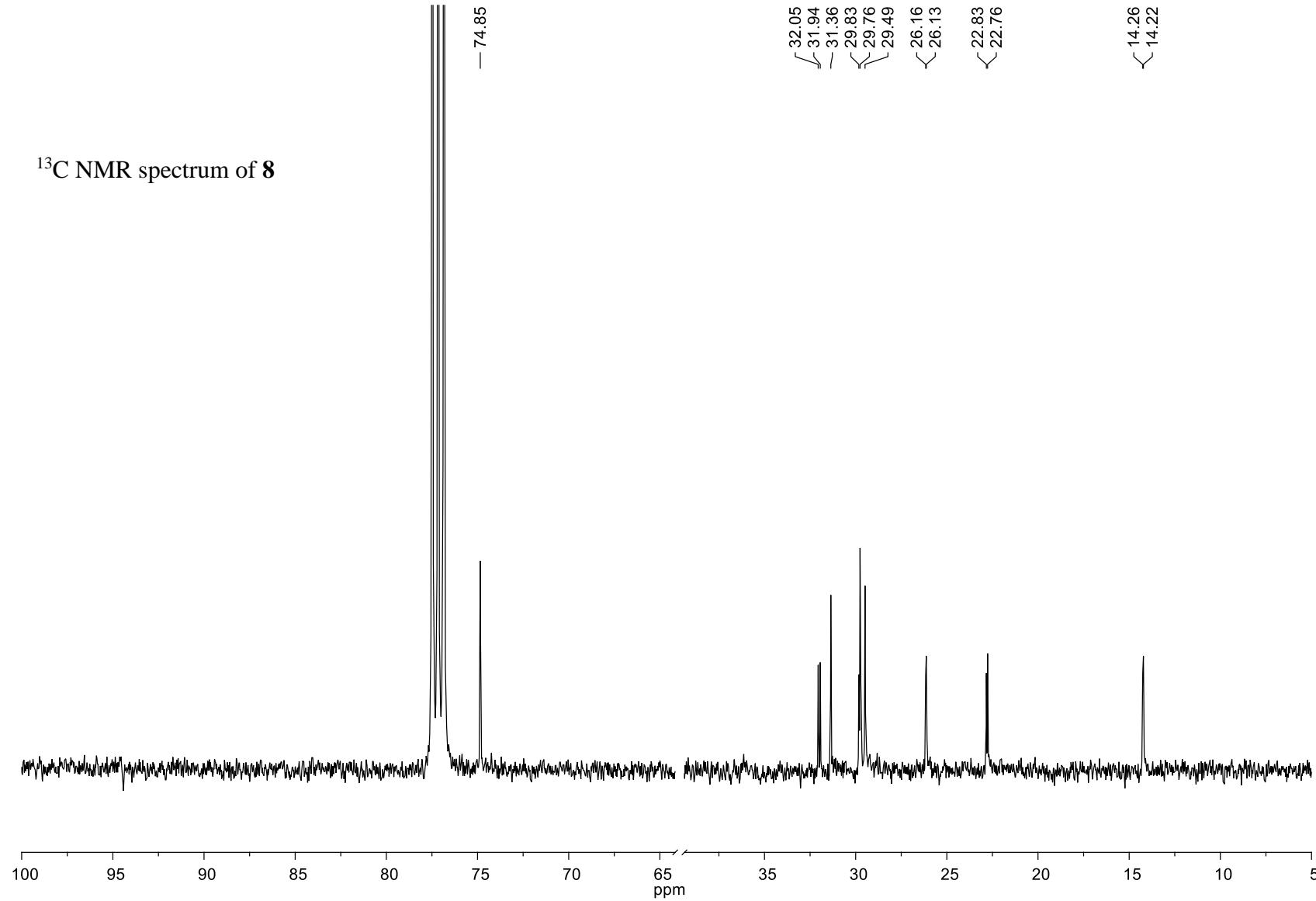


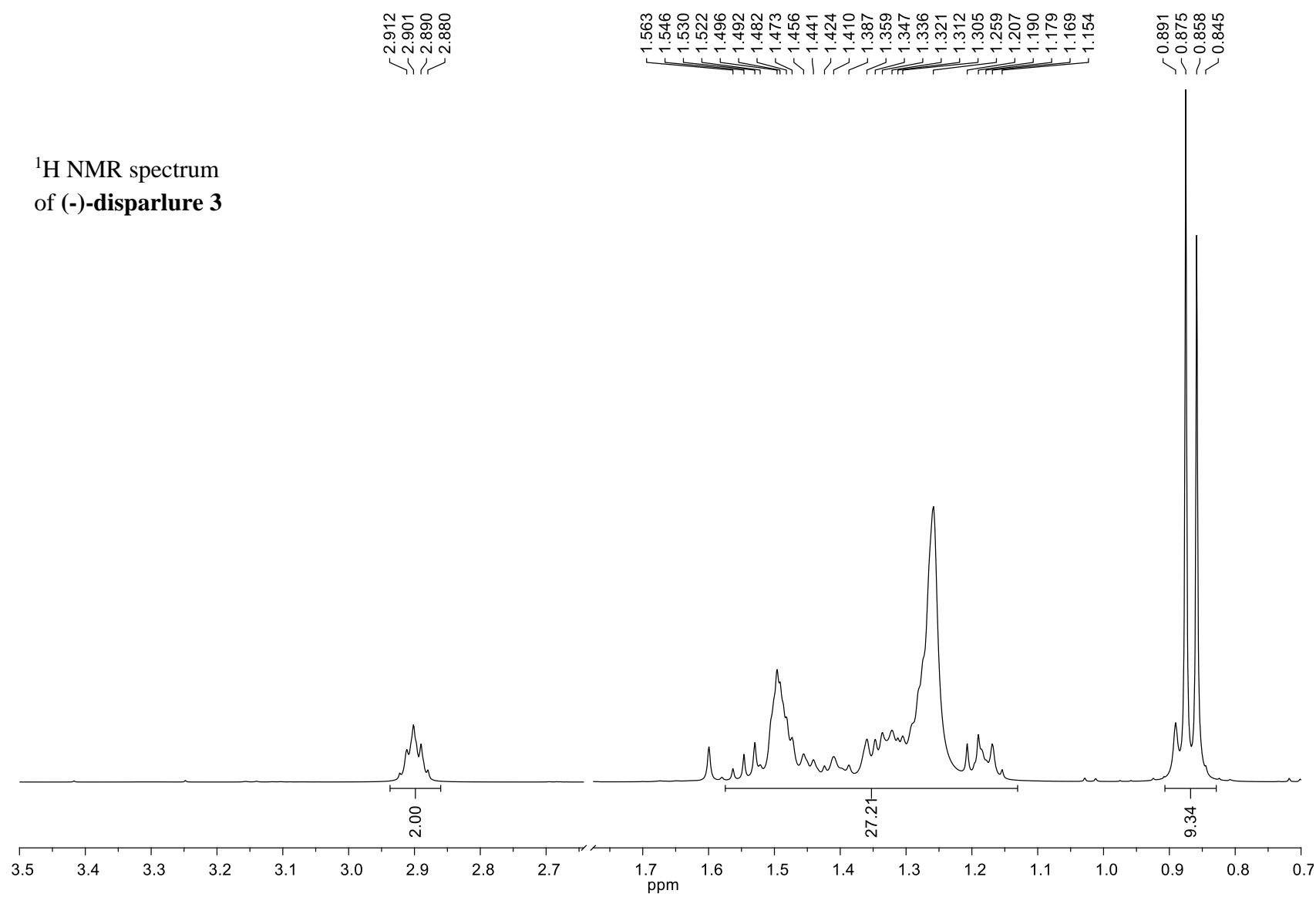
¹³C NMR spectrum of **7**





^{13}C NMR spectrum of **8**





¹³C NMR spectrum
of (-)-**disparlure 3**

