Supporting Information

Synthesis of Resolvin E3, a Proresolving Lipid Mediator, and Its Deoxy Derivatives: Identification of 18-Deoxy-resolvin E3 as a Potent Anti-inflammatory Agent

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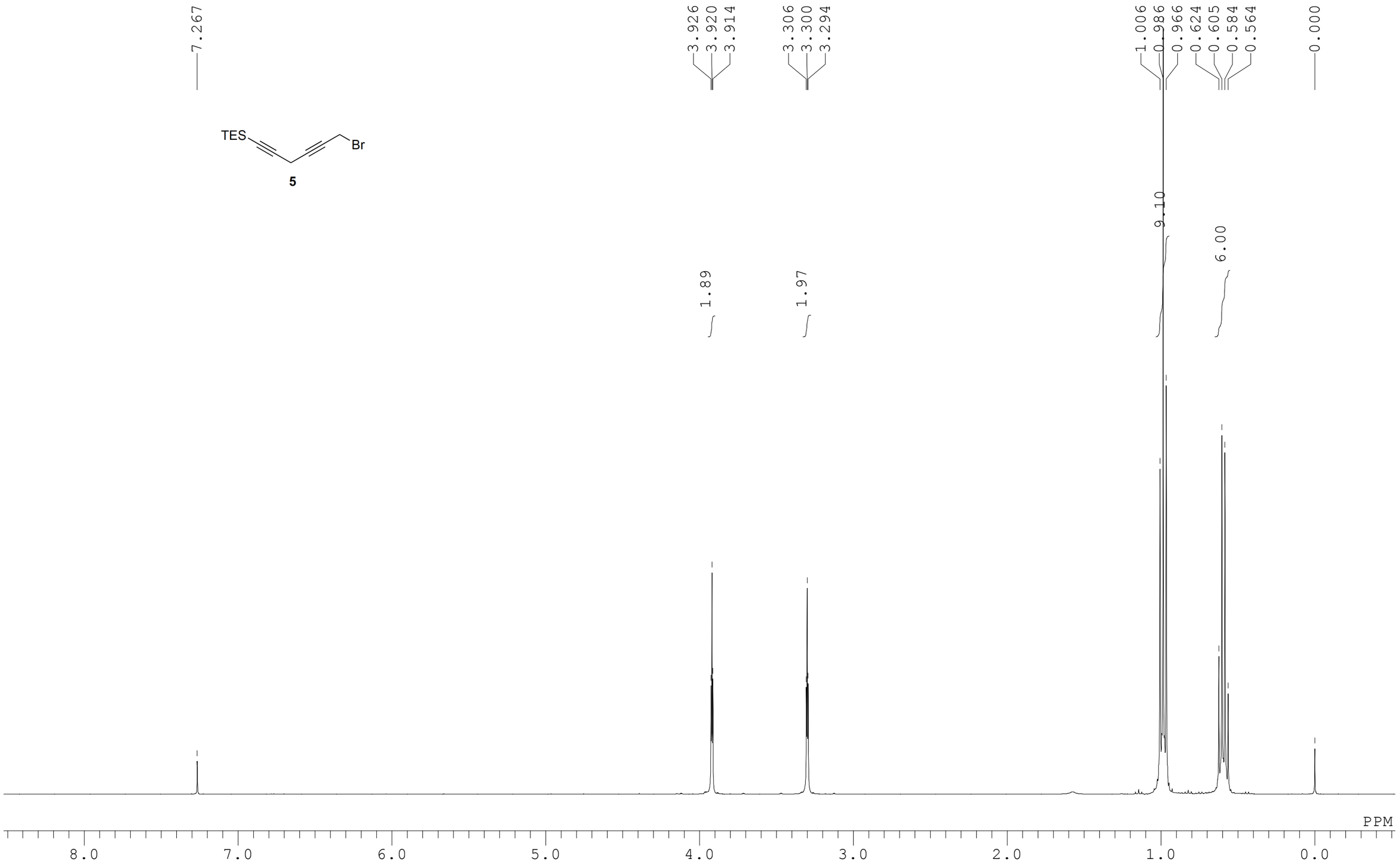
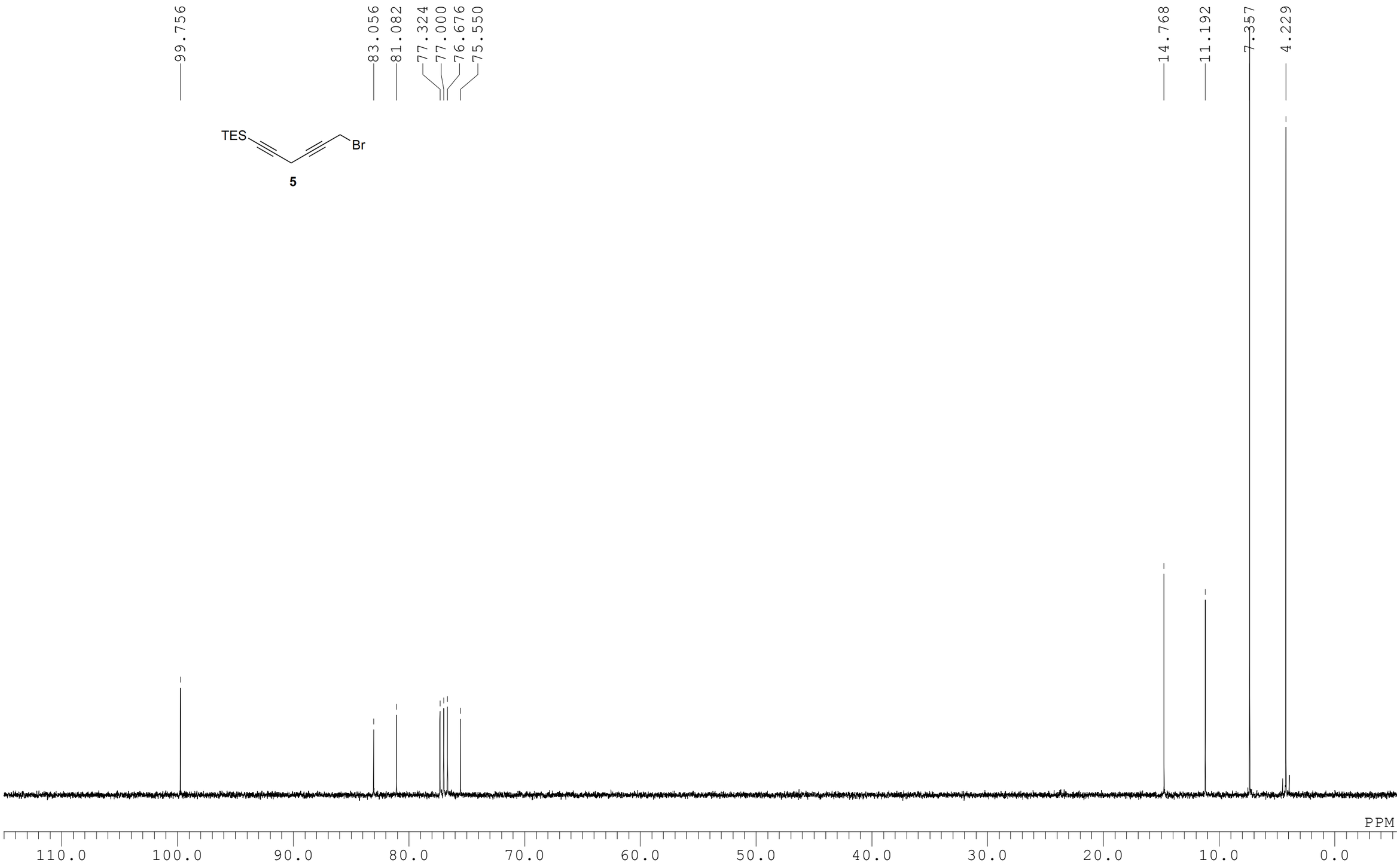
Copies of NMR spectra

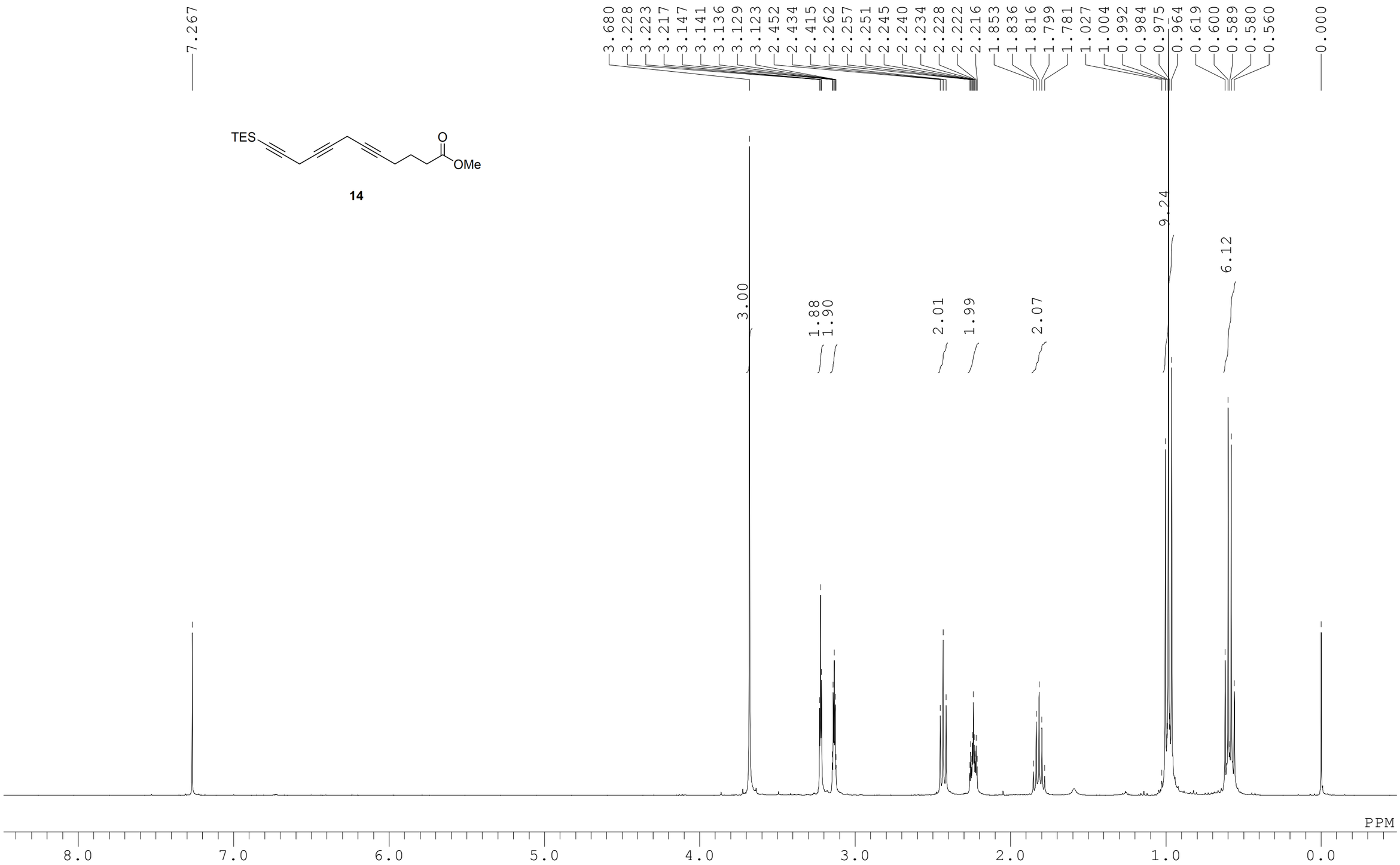
^{1}H NMR of **5** (400 MHz, $CDCl_3$)



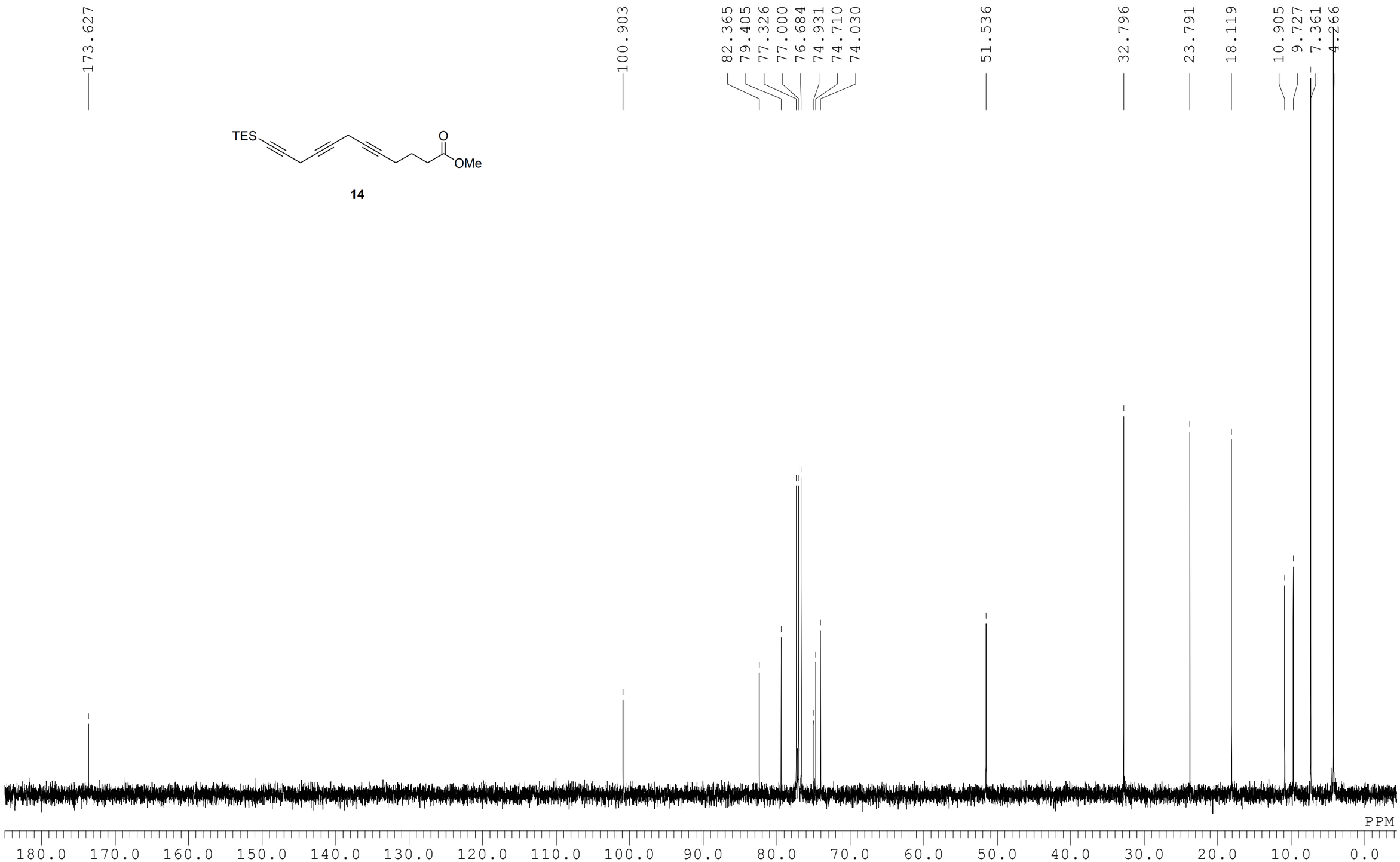
$^{13}C\{^{1}H\}$ NMR of **5** (100 MHz, $CDCl_3$)



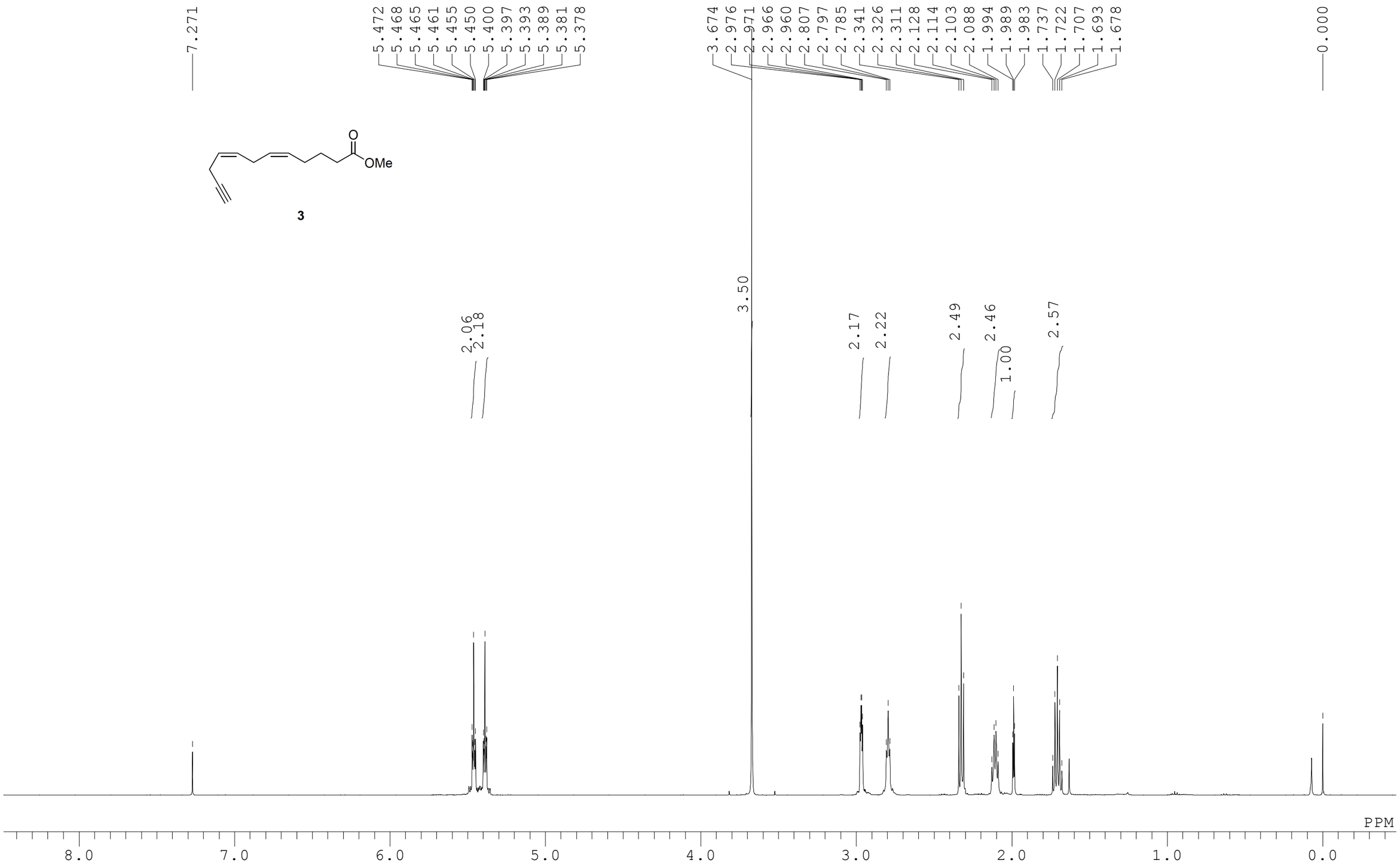
^{1}H NMR of **14** (400 MHz, $CDCl_3$)



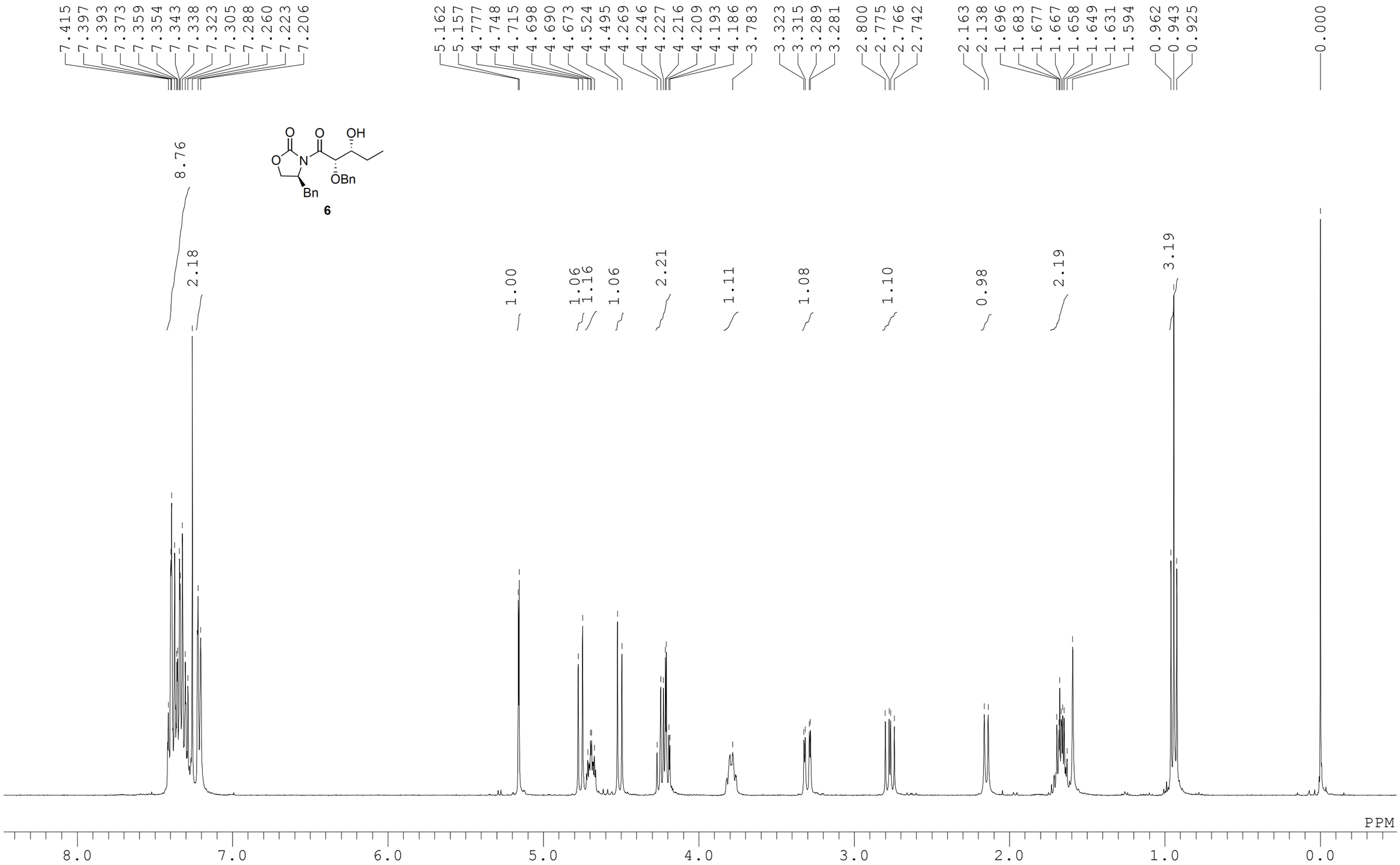
$^{13}C\{^{1}H\}$ NMR of **14** (100 MHz, $CDCl_3$)



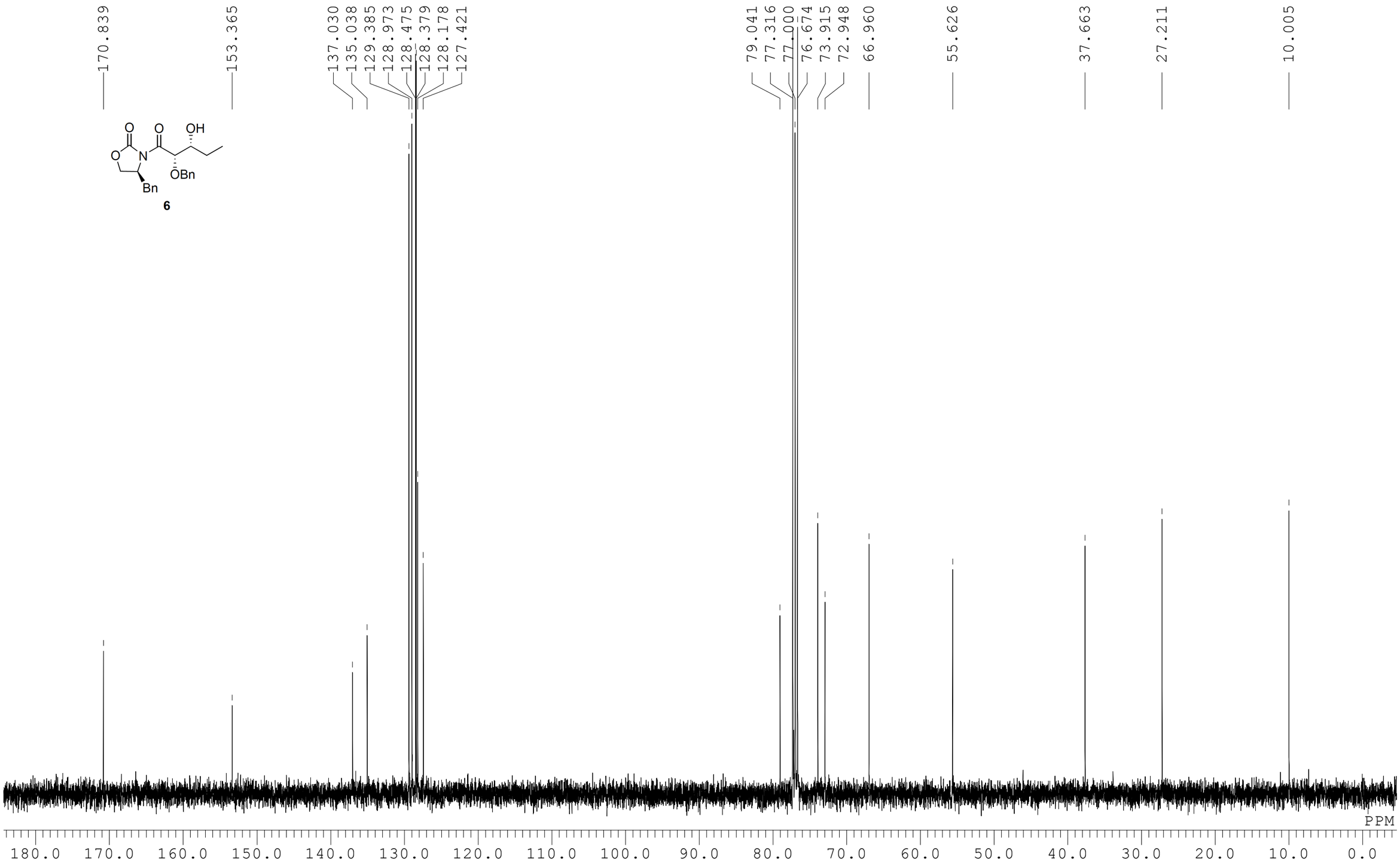
^{1}H NMR of **3** (500 MHz, $CDCl_3$)



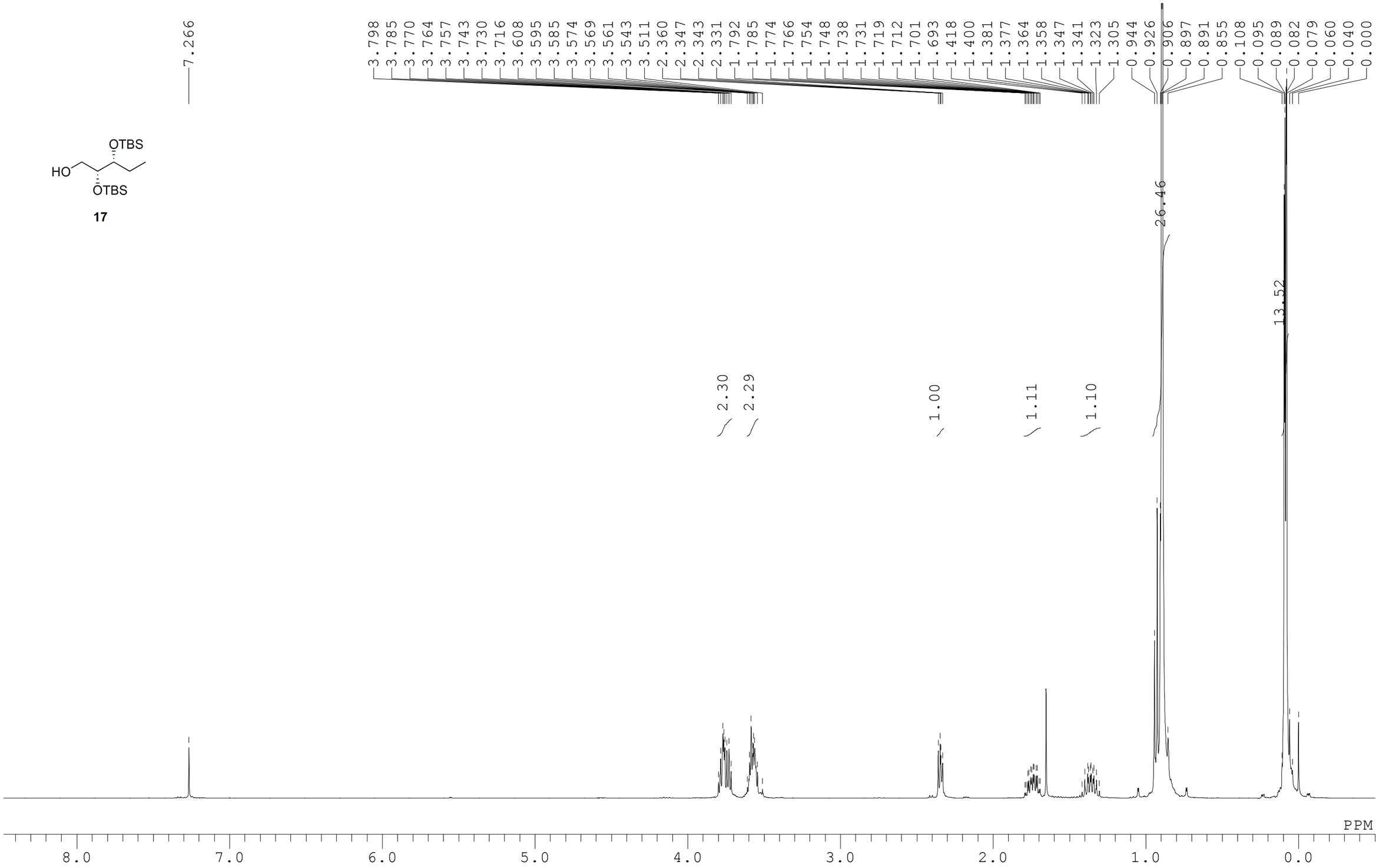
^{1}H NMR of **6** (400 Mz, $CDCl_3$)



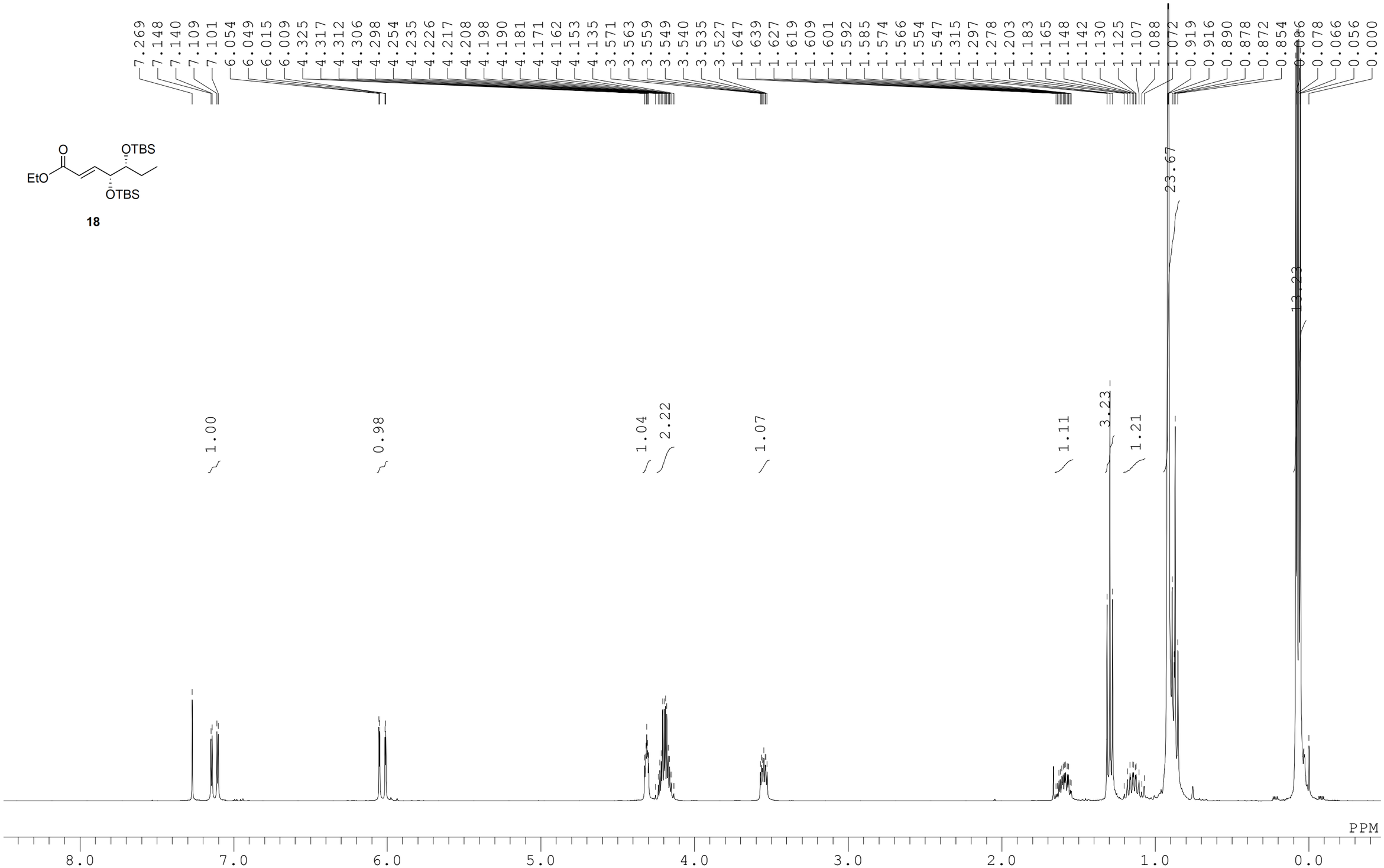
$^{13}C\{^{1}H\}$ NMR of **6** (100 MHz, $CDCl_3$)



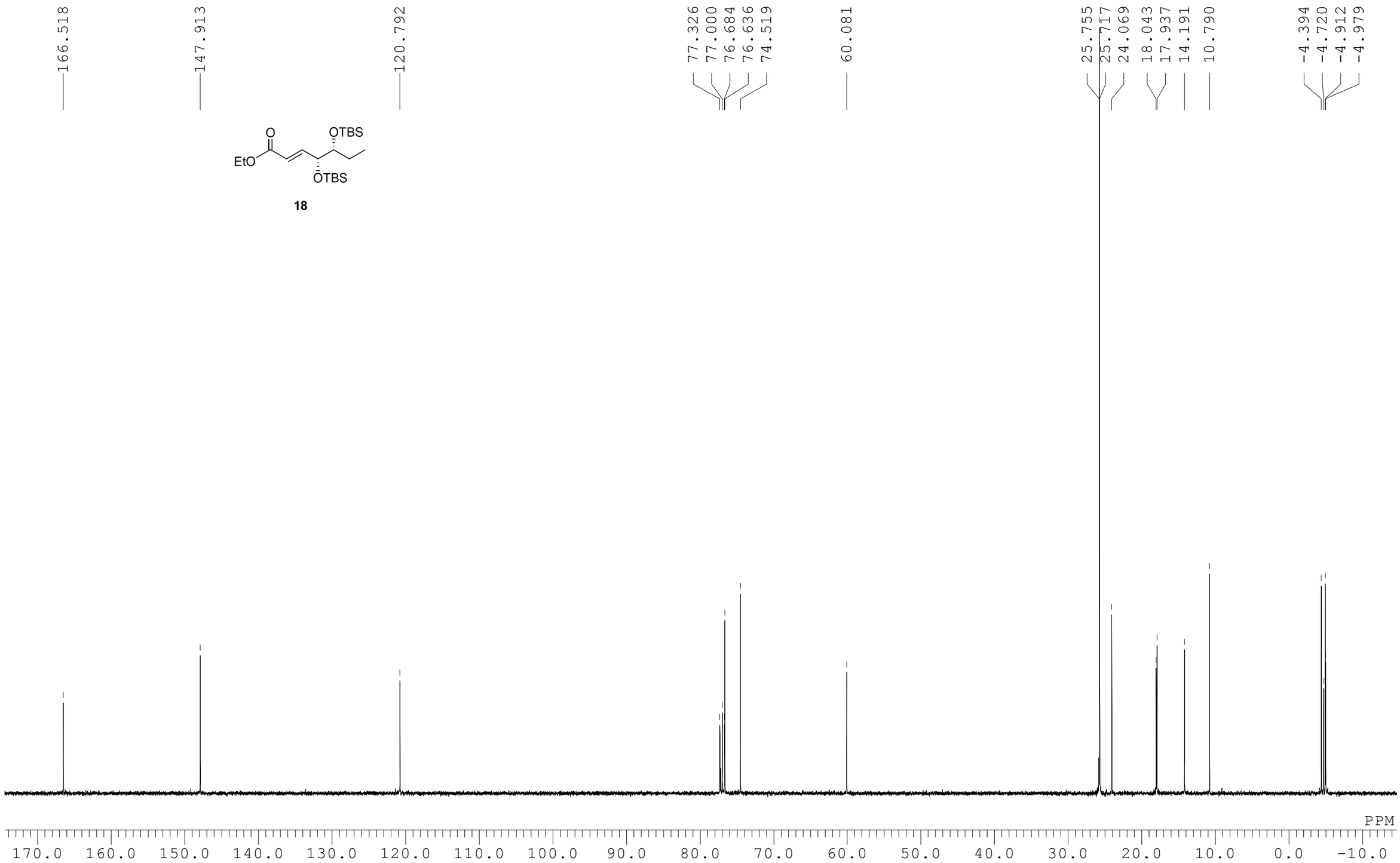
^{1}H NMR of **17** (400 MHz, $CDCl_3$)



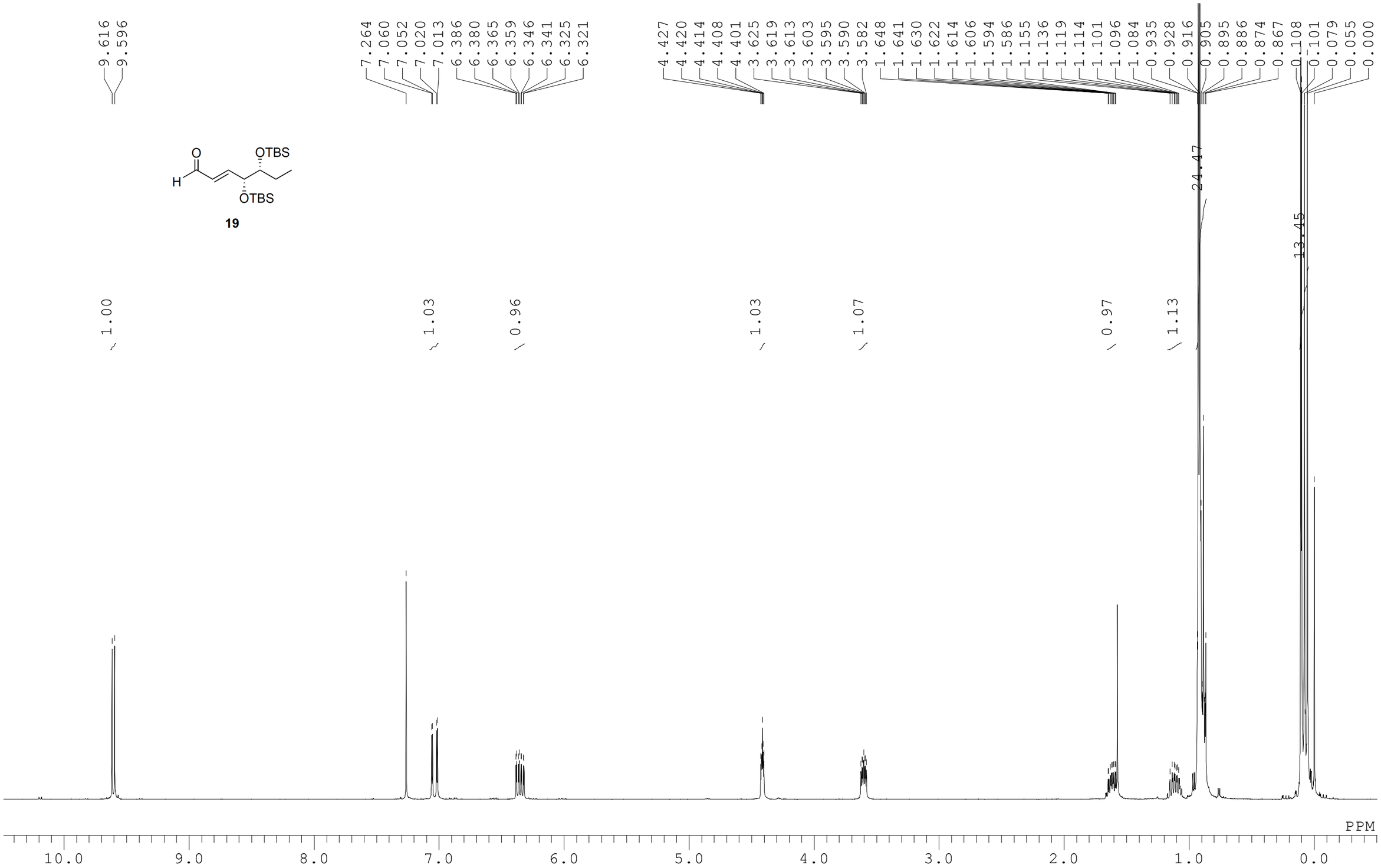
^{1}H NMR of **18** (400 MHz, $CDCl_3$)



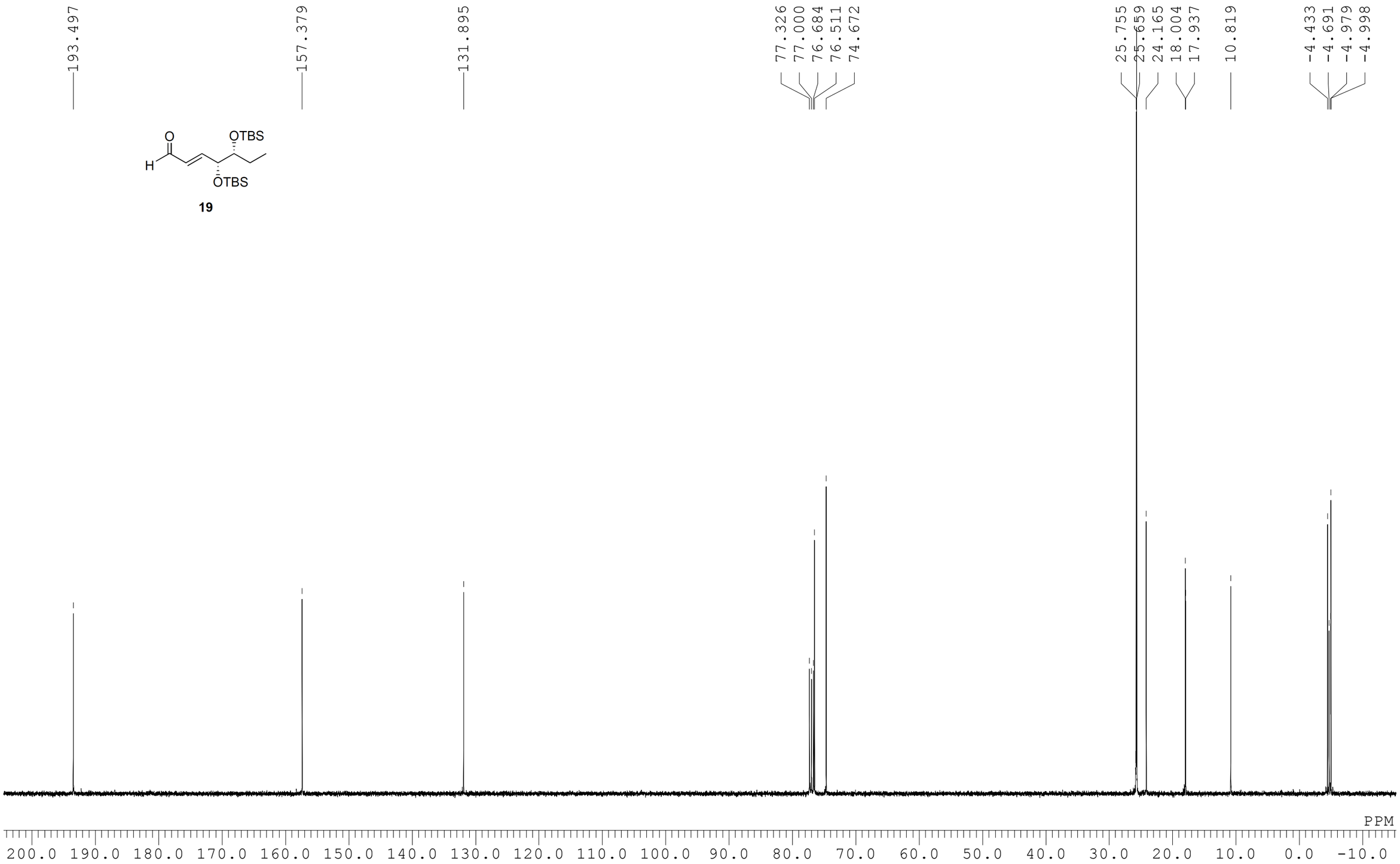
$^{13}C\{^{1}H\}$ NMR of **18** (100 MHz, $CDCl_3$)



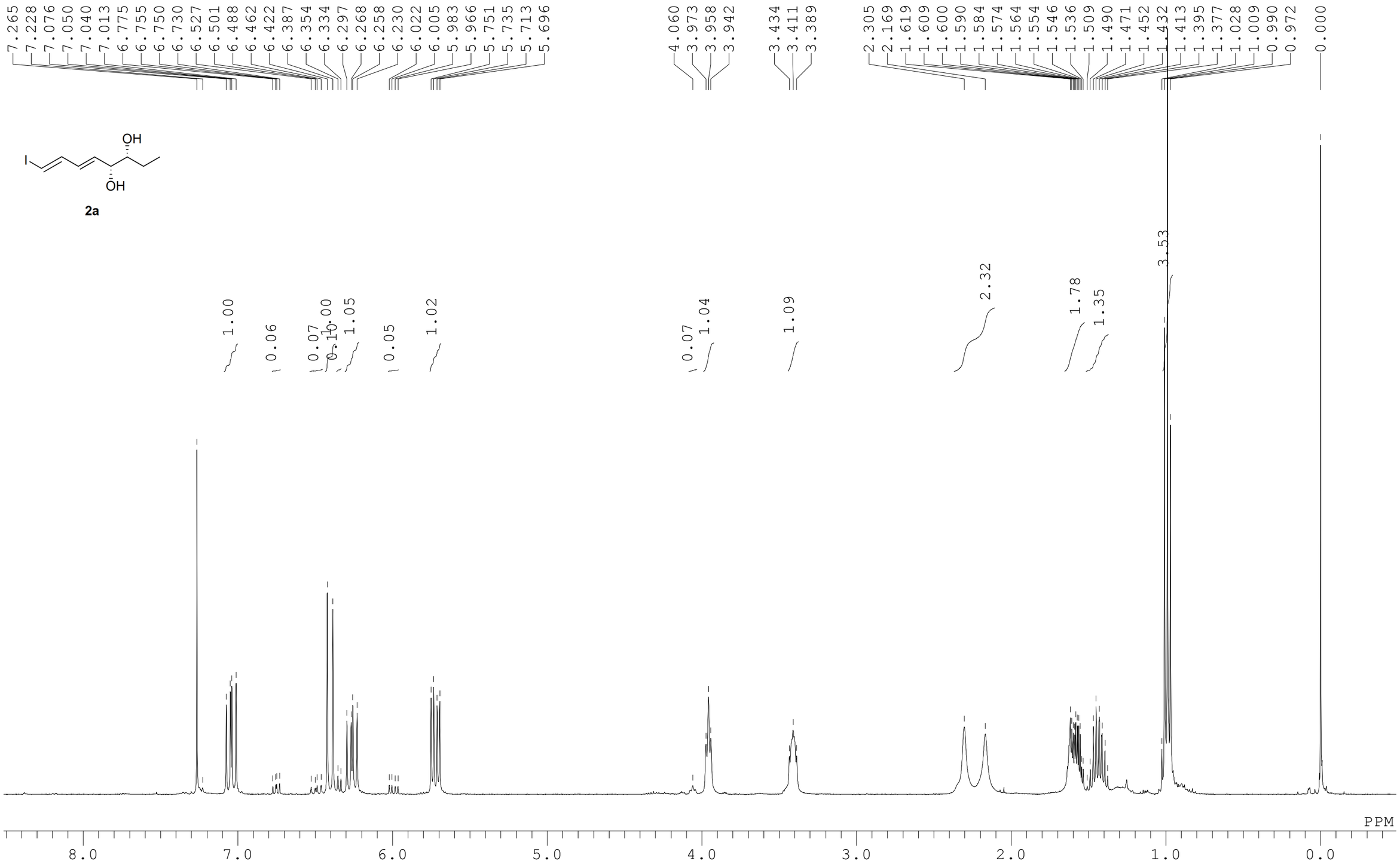
^{1}H NMR of **19** (400 MHz, $CDCl_3$)



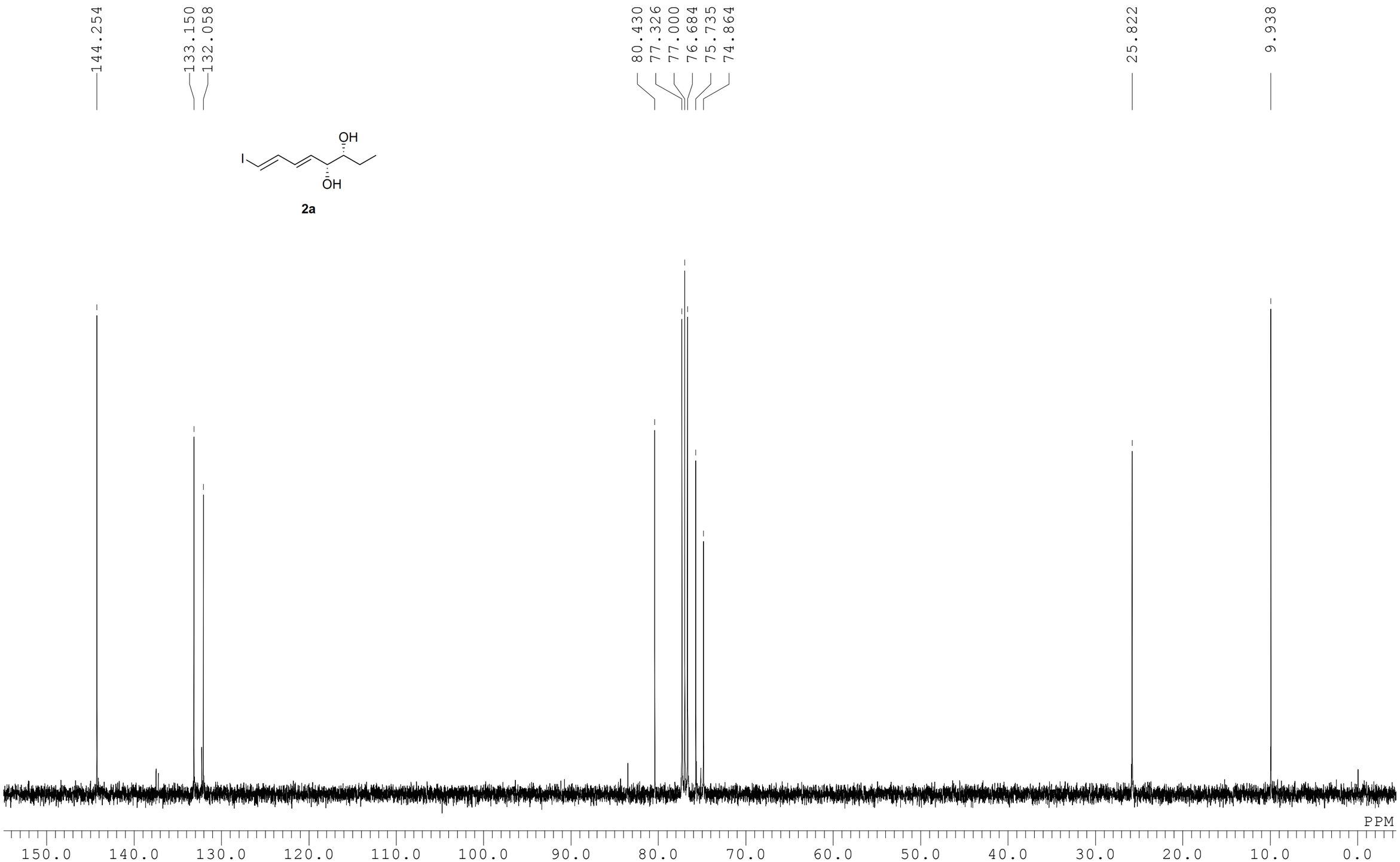
$^{13}C\{^{1}H\}$ NMR of **19** (100 MHz, $CDCl_3$)



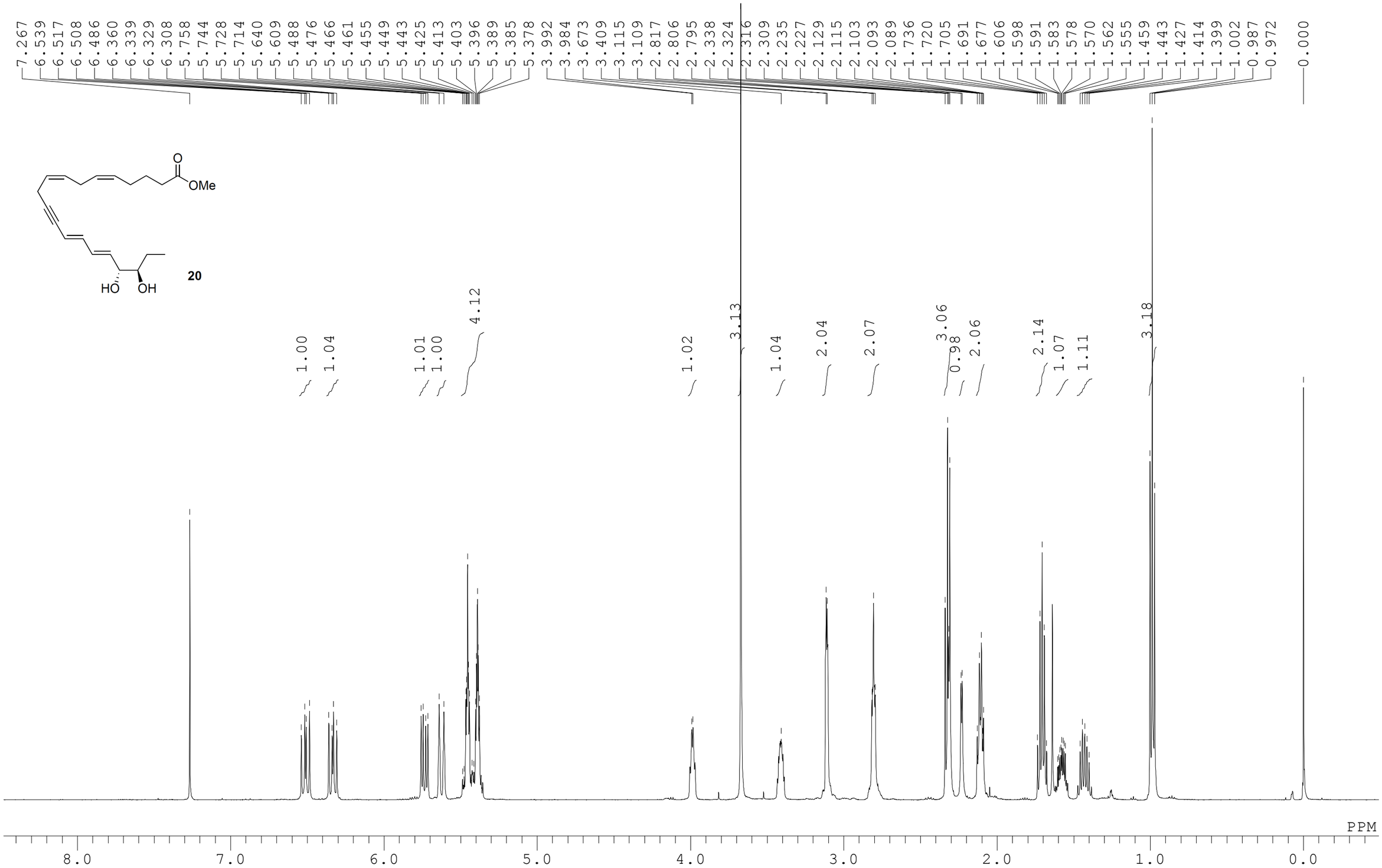
^{1}H NMR of **2a** (400 MHz, $CDCl_3$)



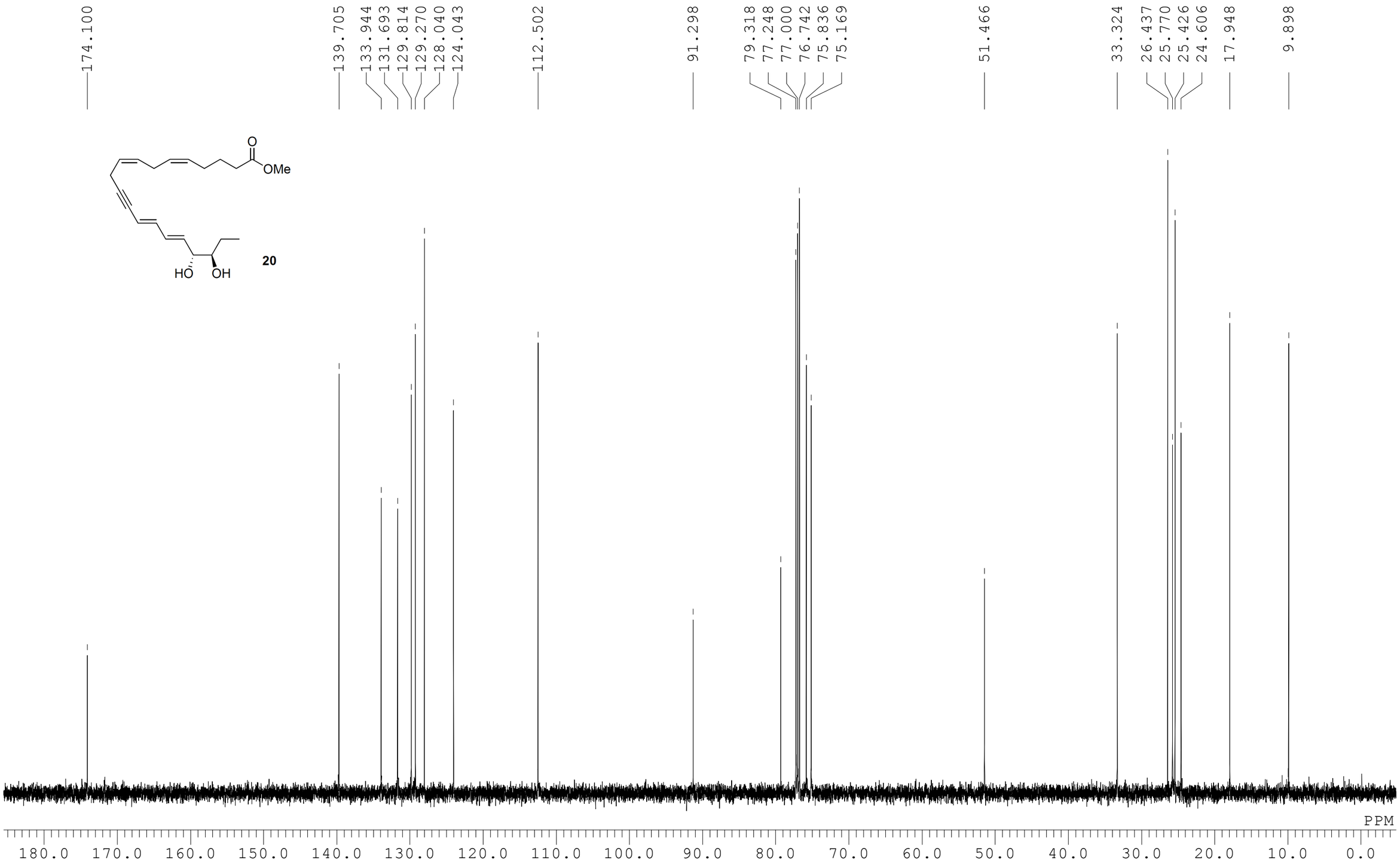
$^{13}C\{^{1}H\}$ NMR of **2a** (100 MHz, $CDCl_3$)



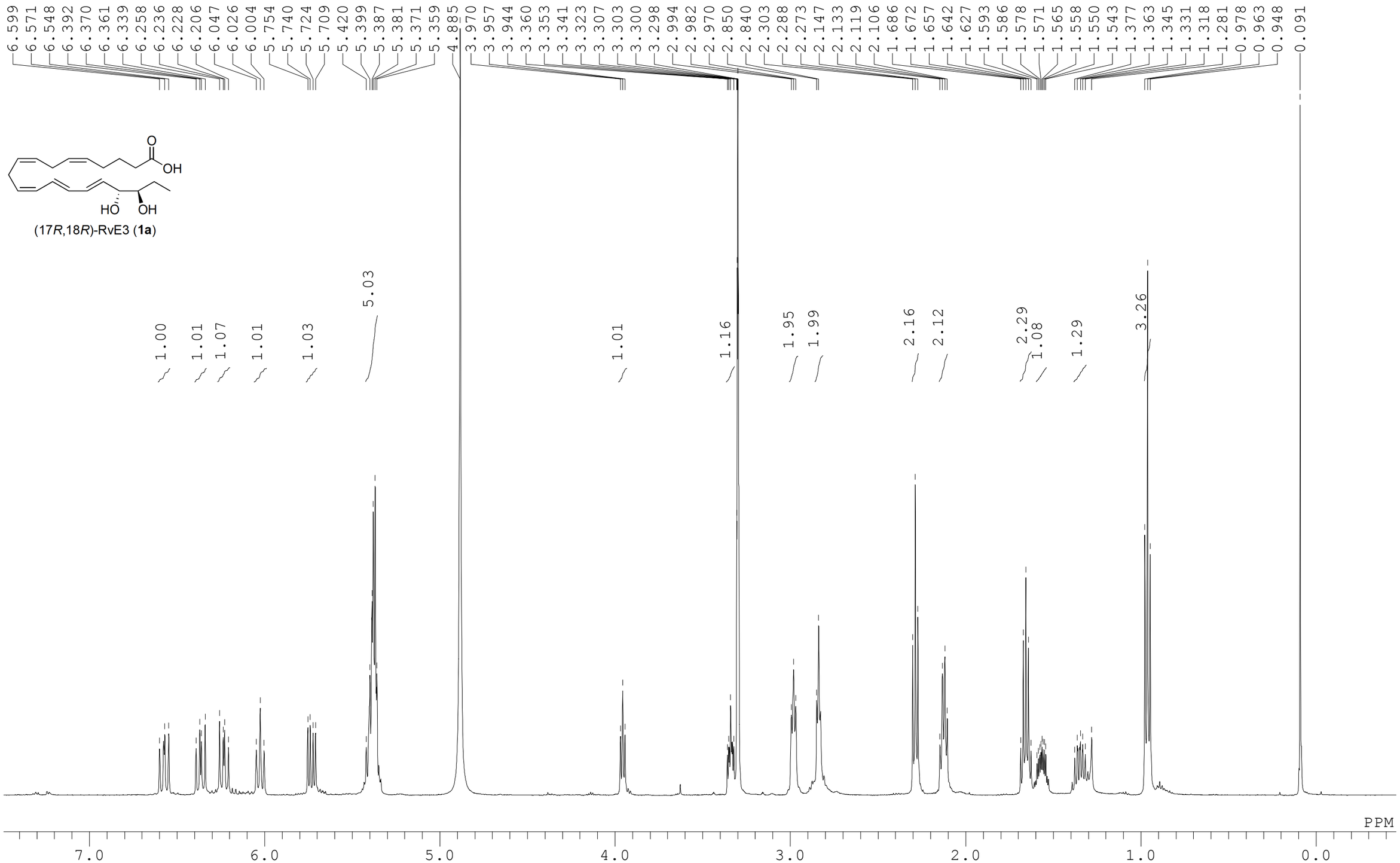
^{1}H NMR of **20** (500 MHz, $CDCl_3$)



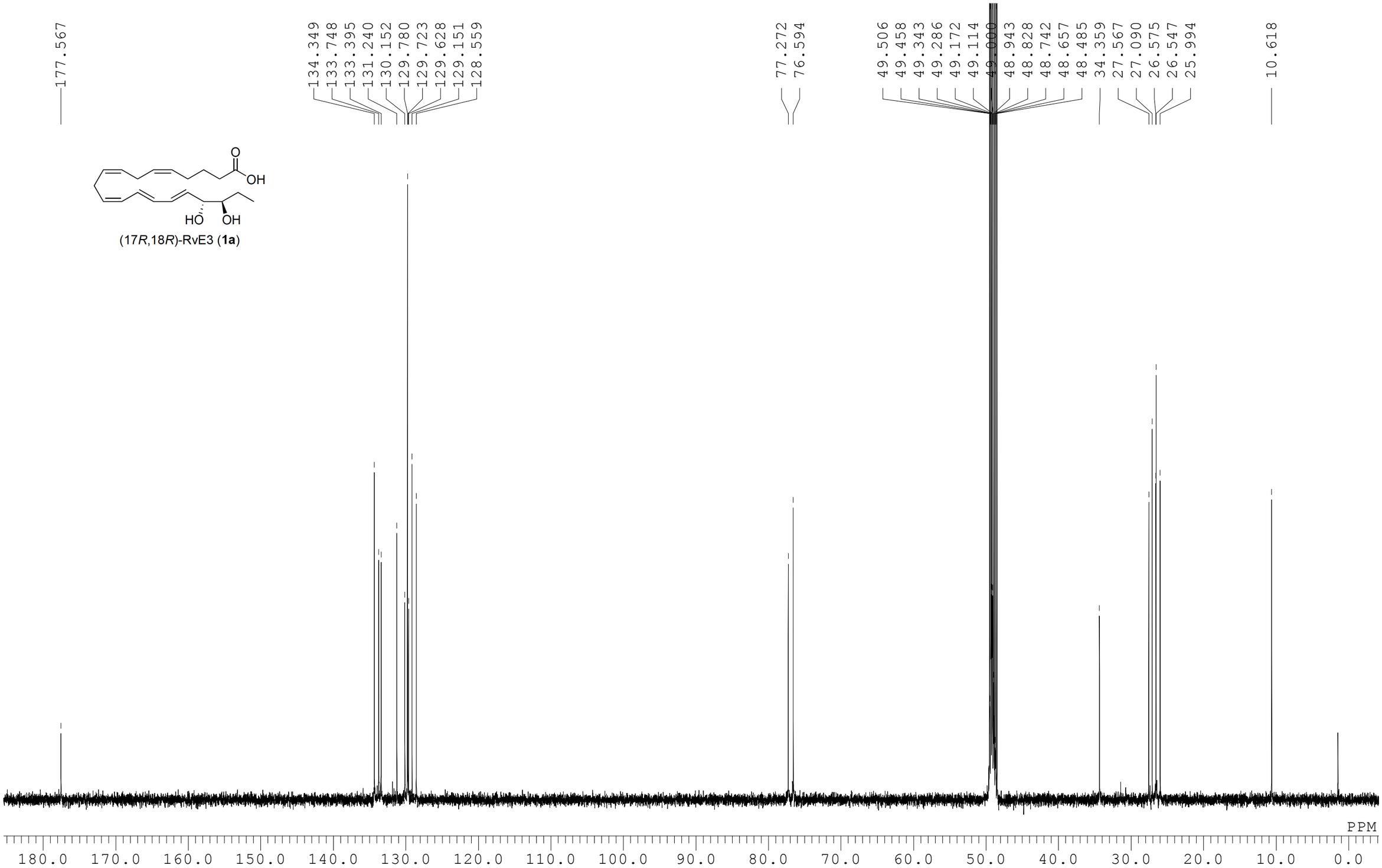
$^{13}C\{^{1}H\}$ NMR of **20** (125 MHz, $CDCl_3$)



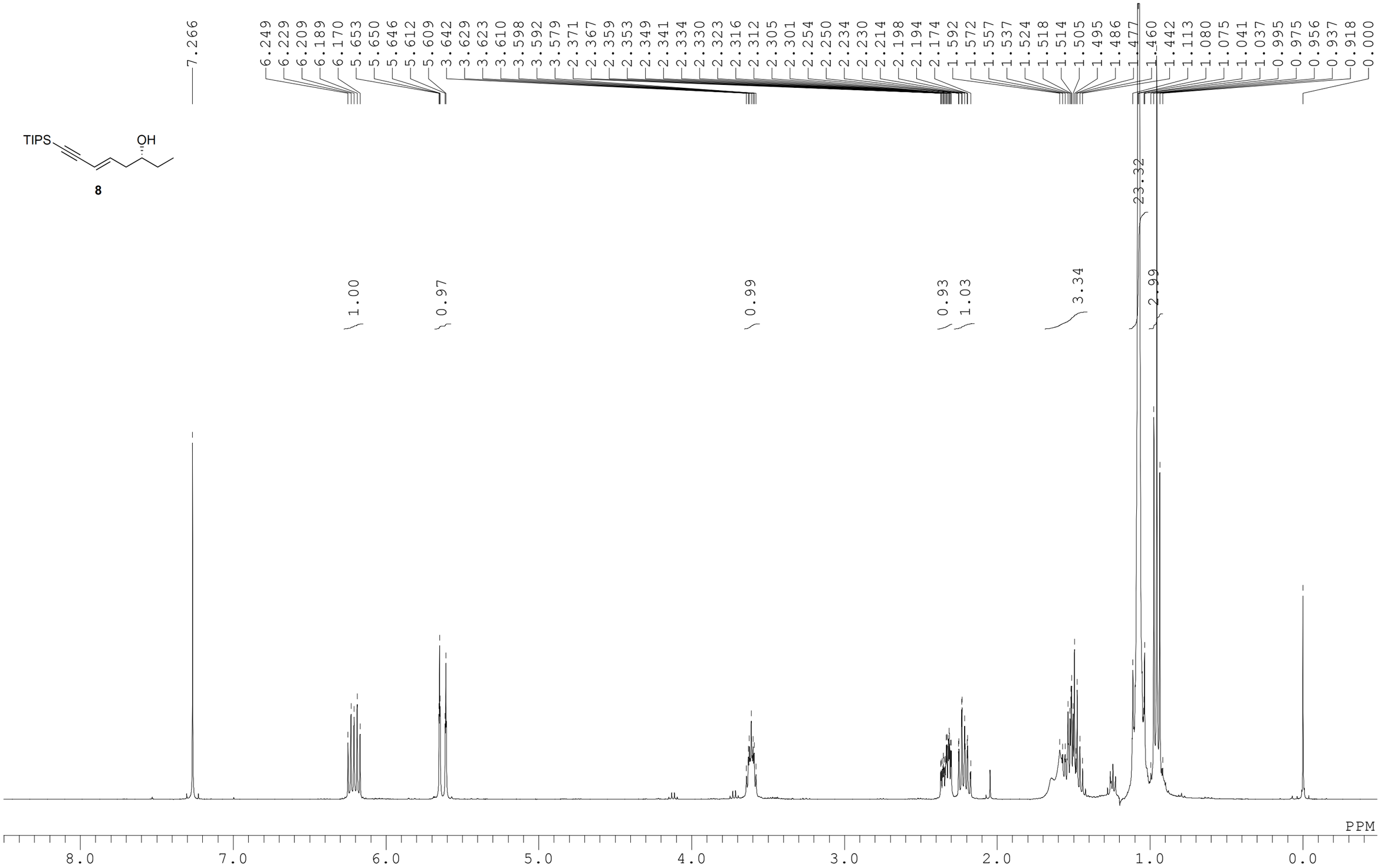
^{1}H NMR of **1a** (500 MHz, CD_3OD)



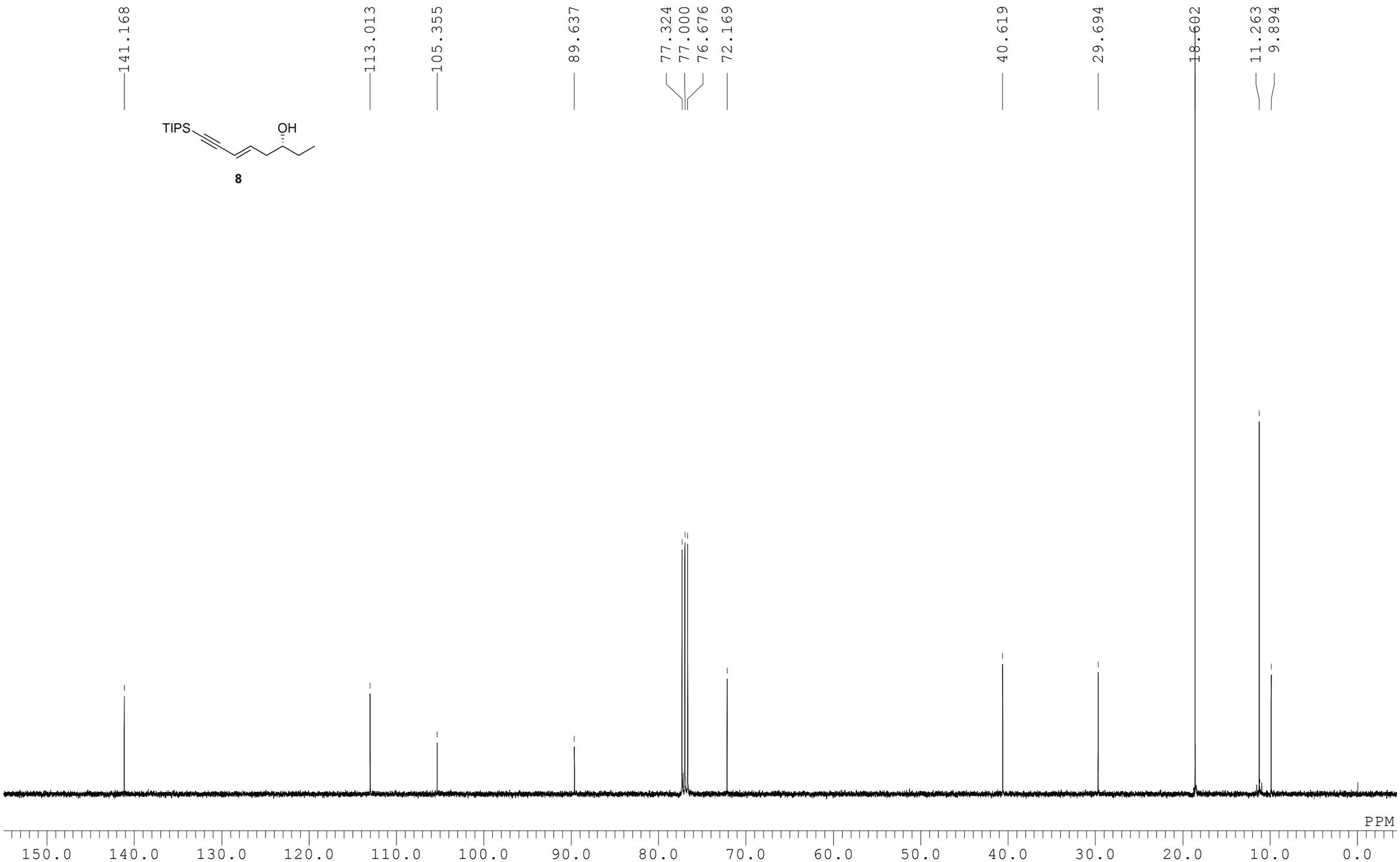
$^{13}C\{^{1}H\}$ NMR of **1a** (125 MHz, CD_3OD)



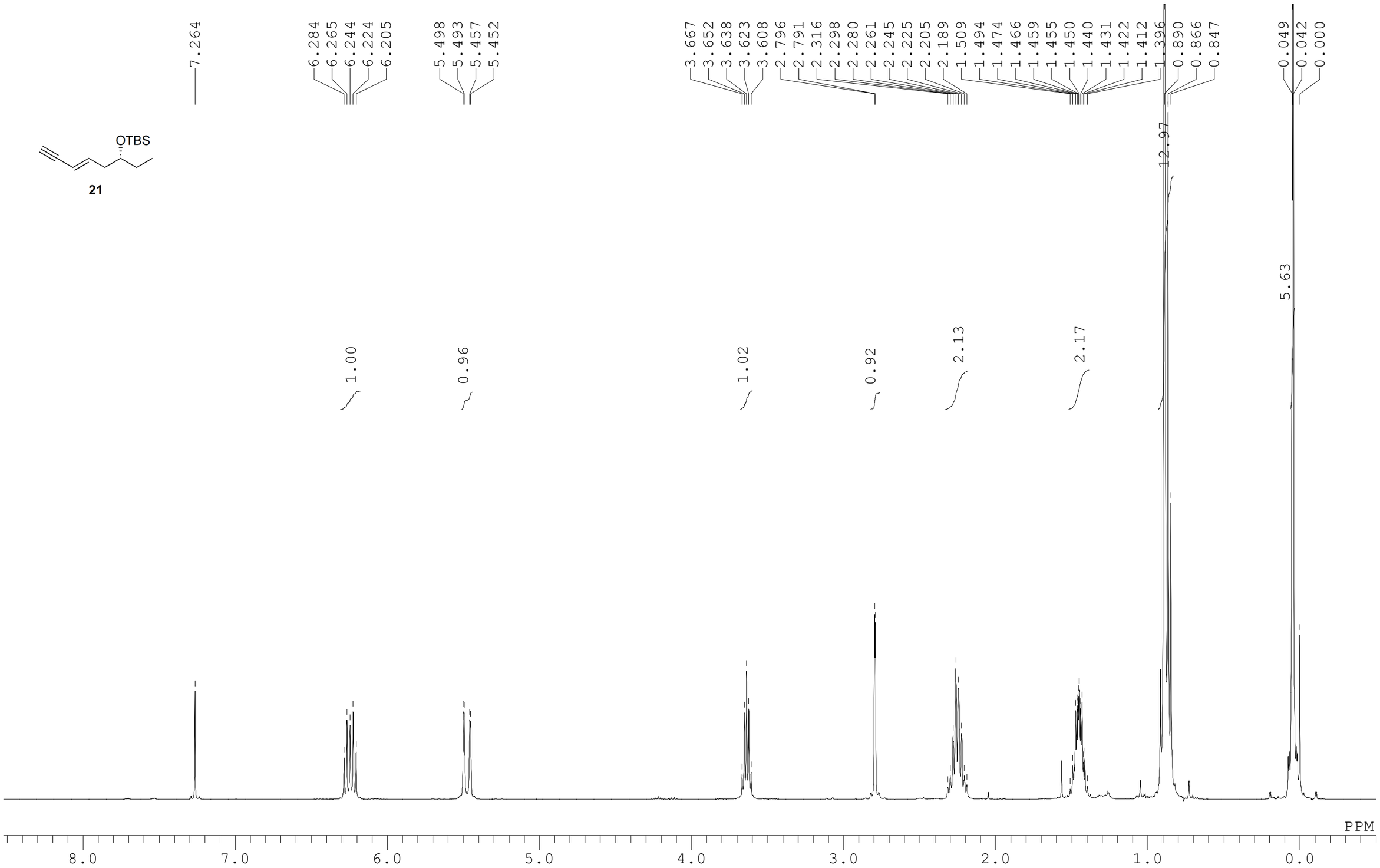
^{1}H NMR of **8** (400 MHz, $CDCl_3$)



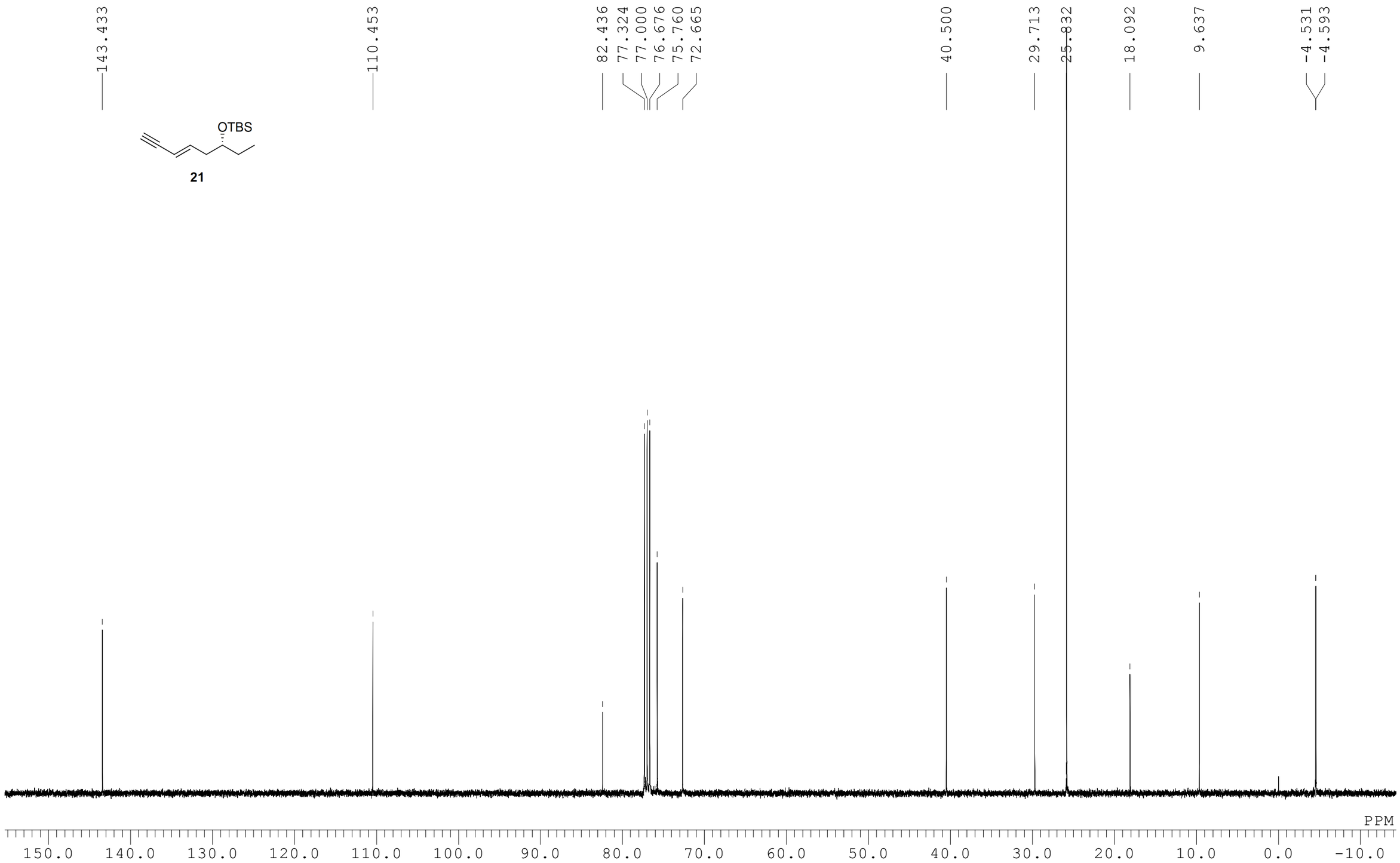
$^{13}C\{^{1}H\}$ NMR of **8** (100 MHz, $CDCl_3$)



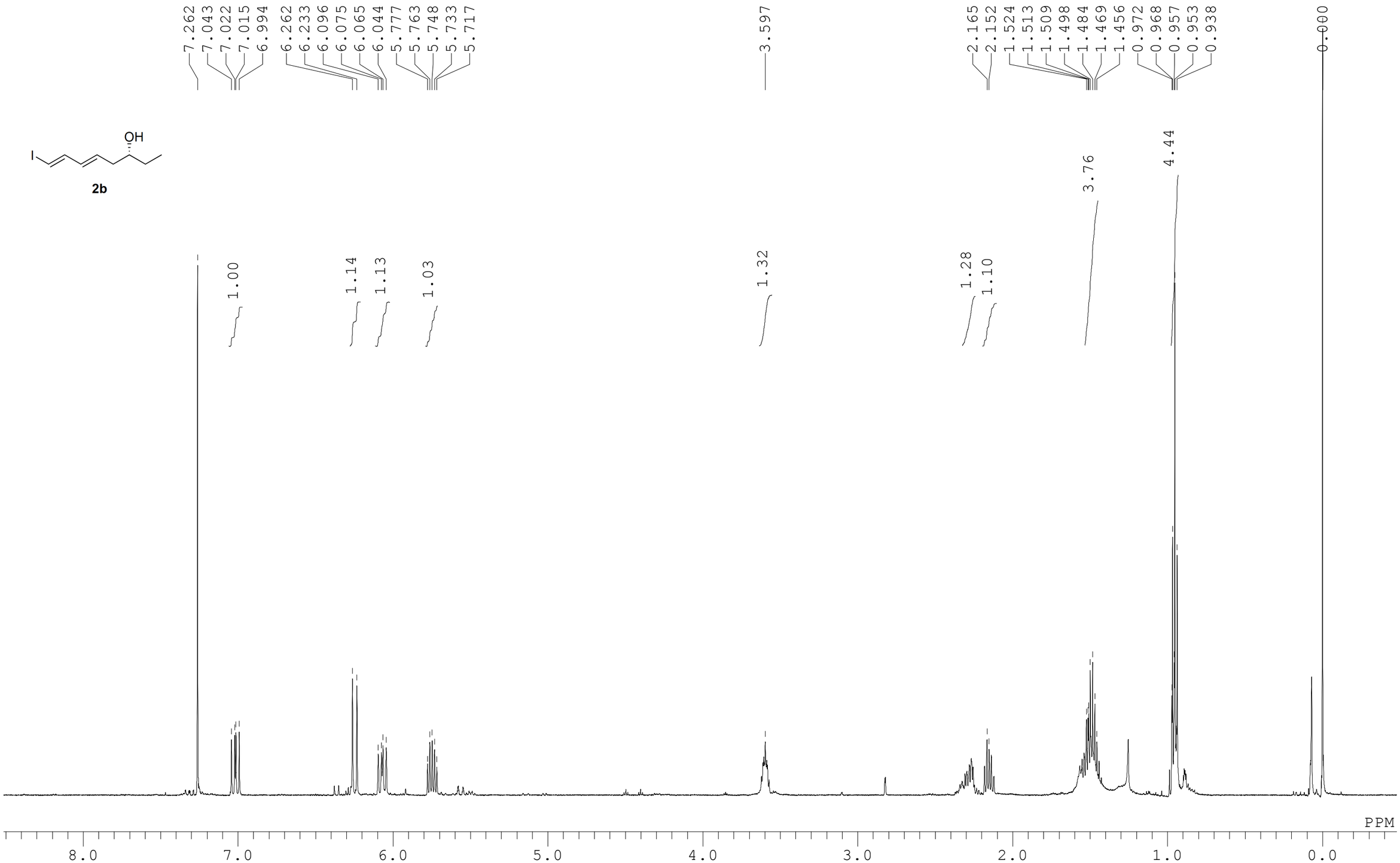
^{1}H NMR of **21** (400 MHz, $CDCl_3$)



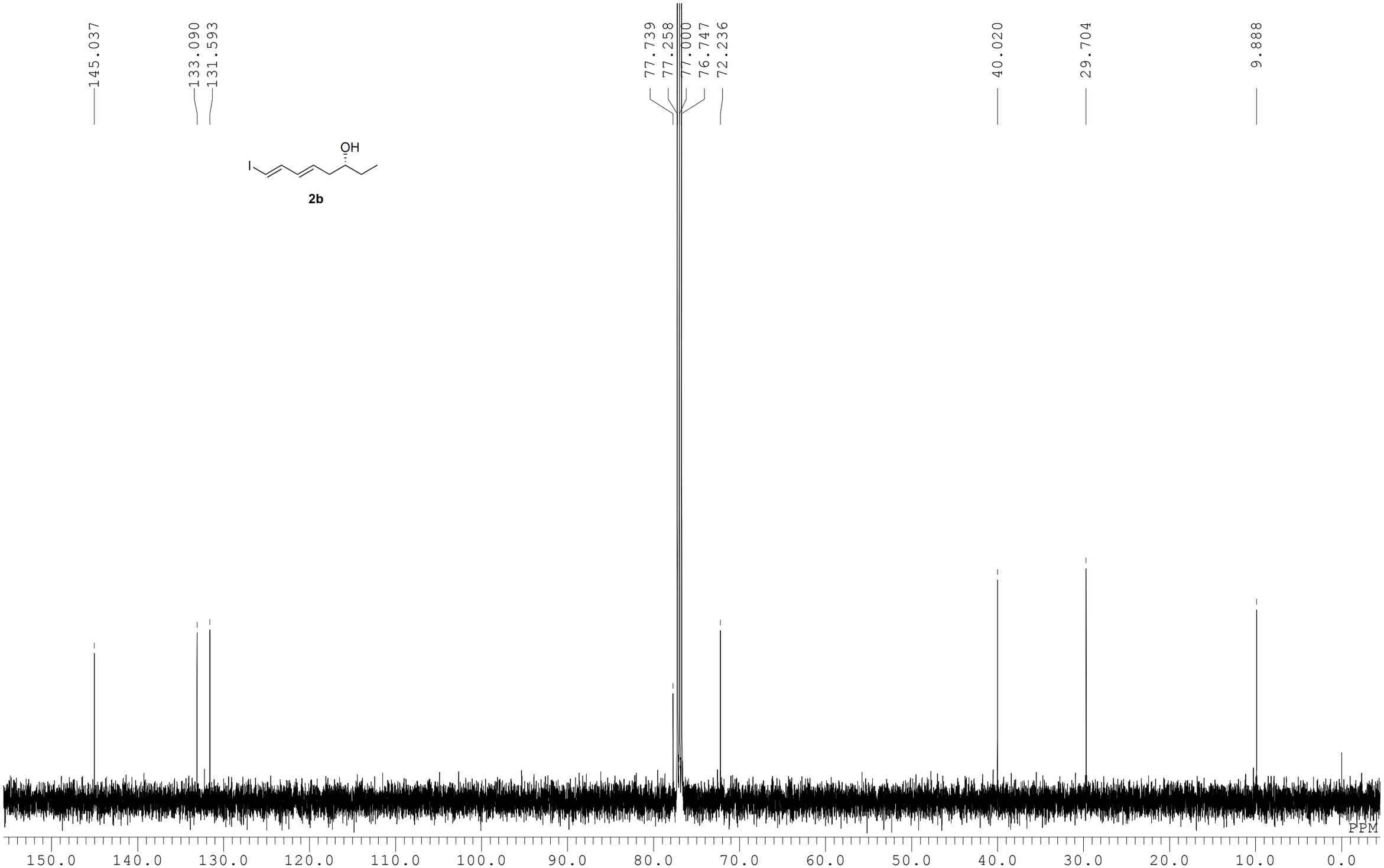
$^{13}C\{^{1}H\}$ NMR of **21** (100 MHz, $CDCl_3$)



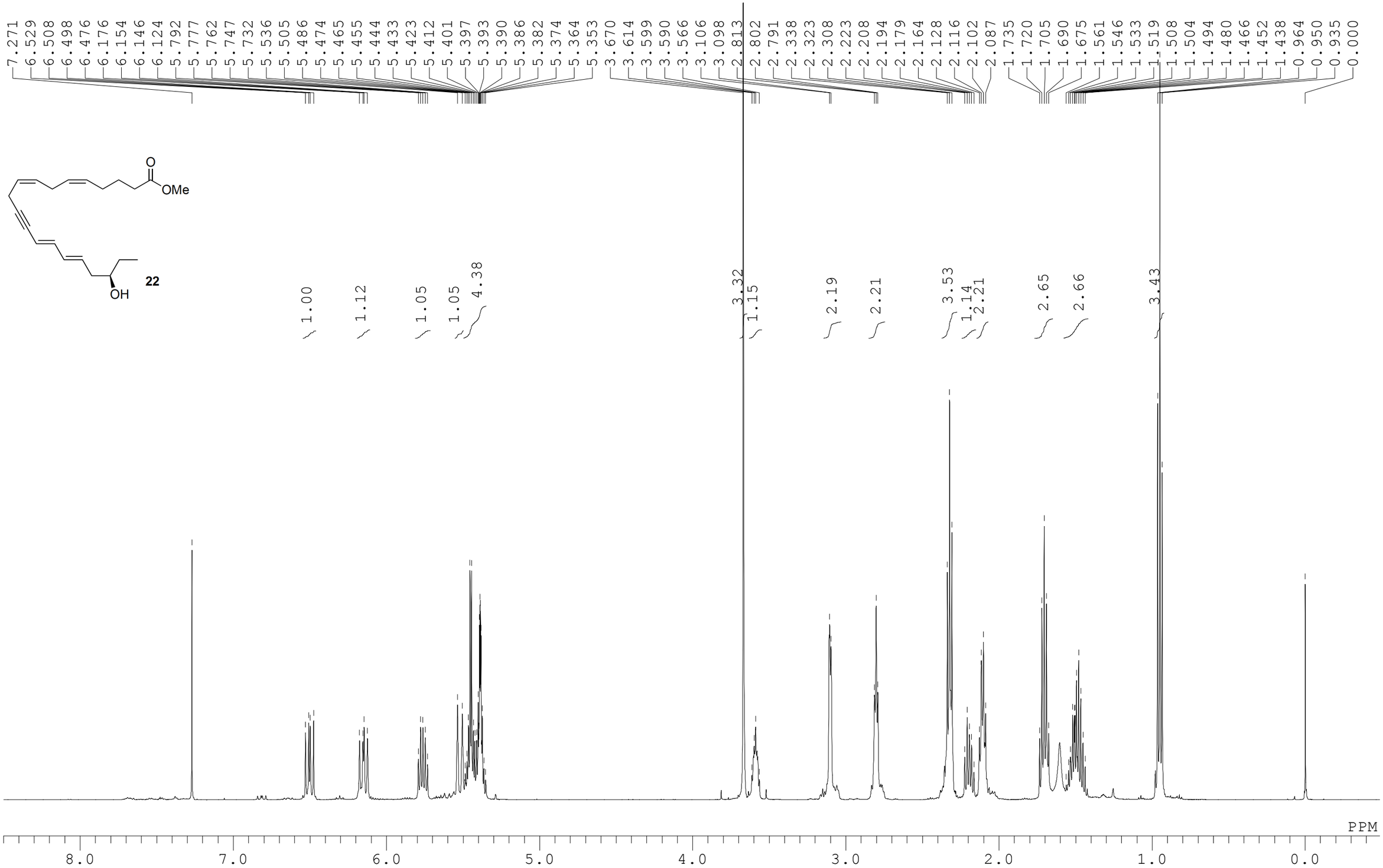
^{1}H NMR of **2b** (400 MHz, $CDCl_3$)



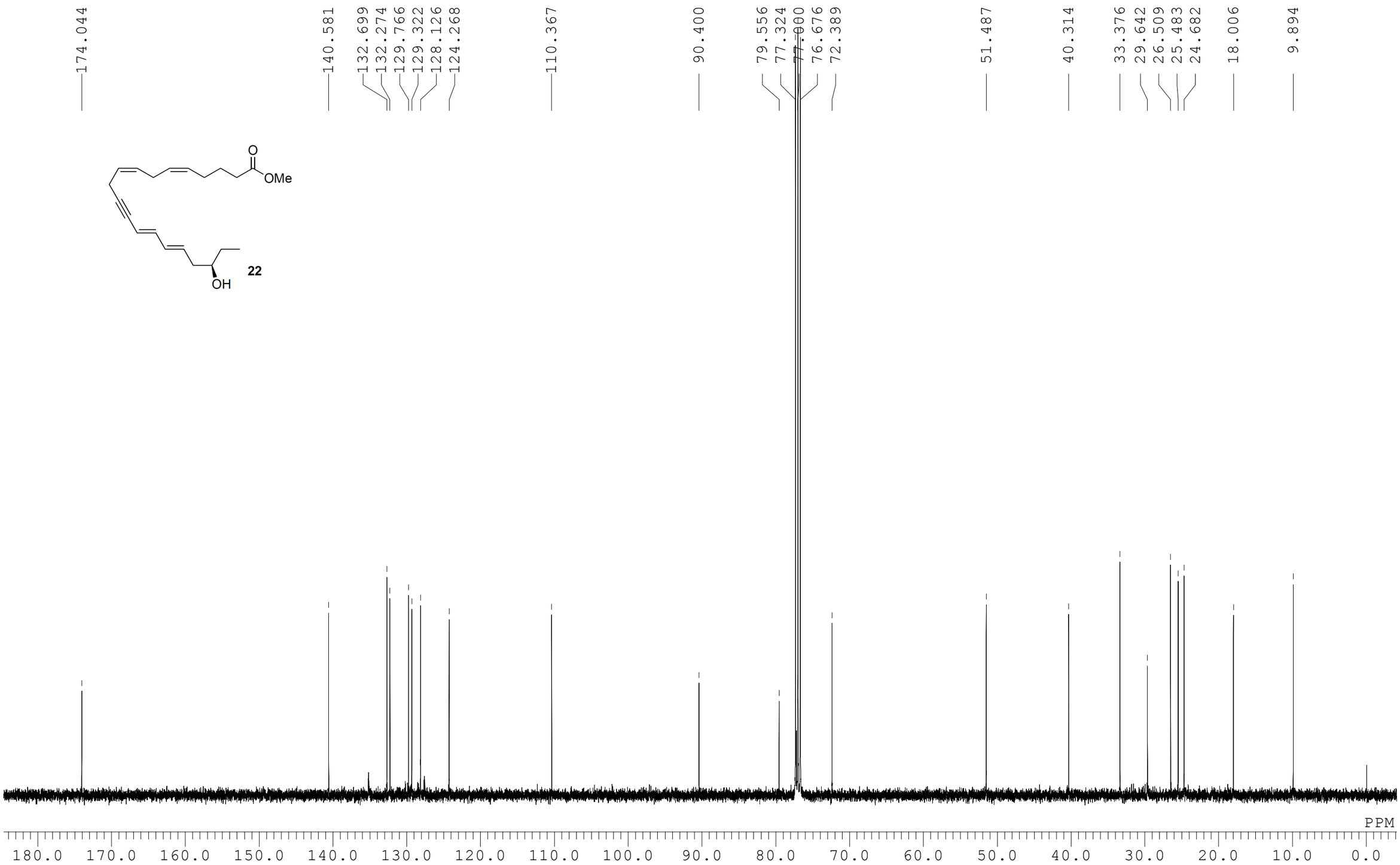
$^{13}C\{^{1}H\}$ NMR of **2b** (125 MHz, $CDCl_3$)



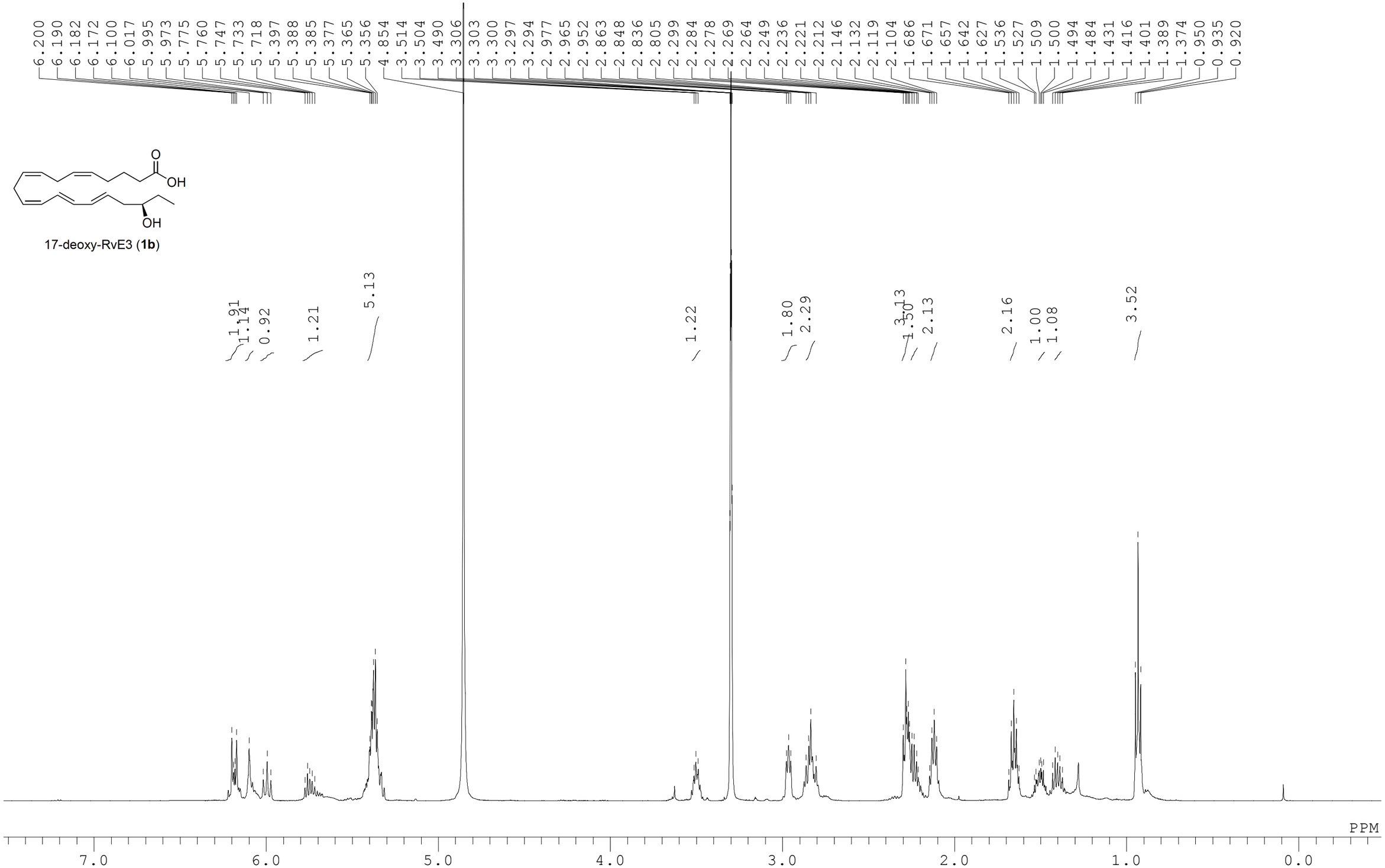
^{1}H NMR of **22** (500 MHz, $CDCl_3$)



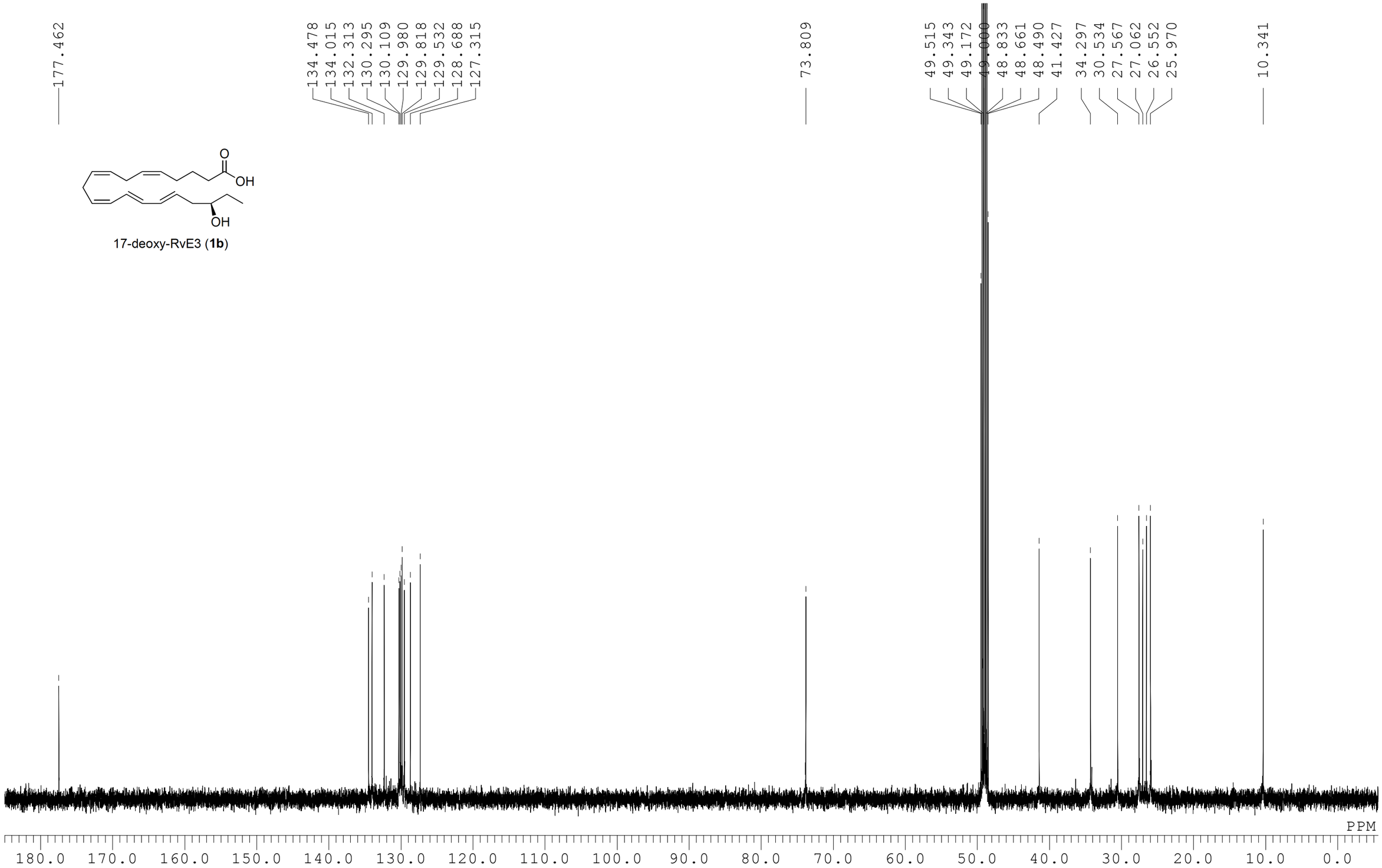
$^{13}C\{^{1}H\}$ NMR of **22** (125 MHz, $CDCl_3$)



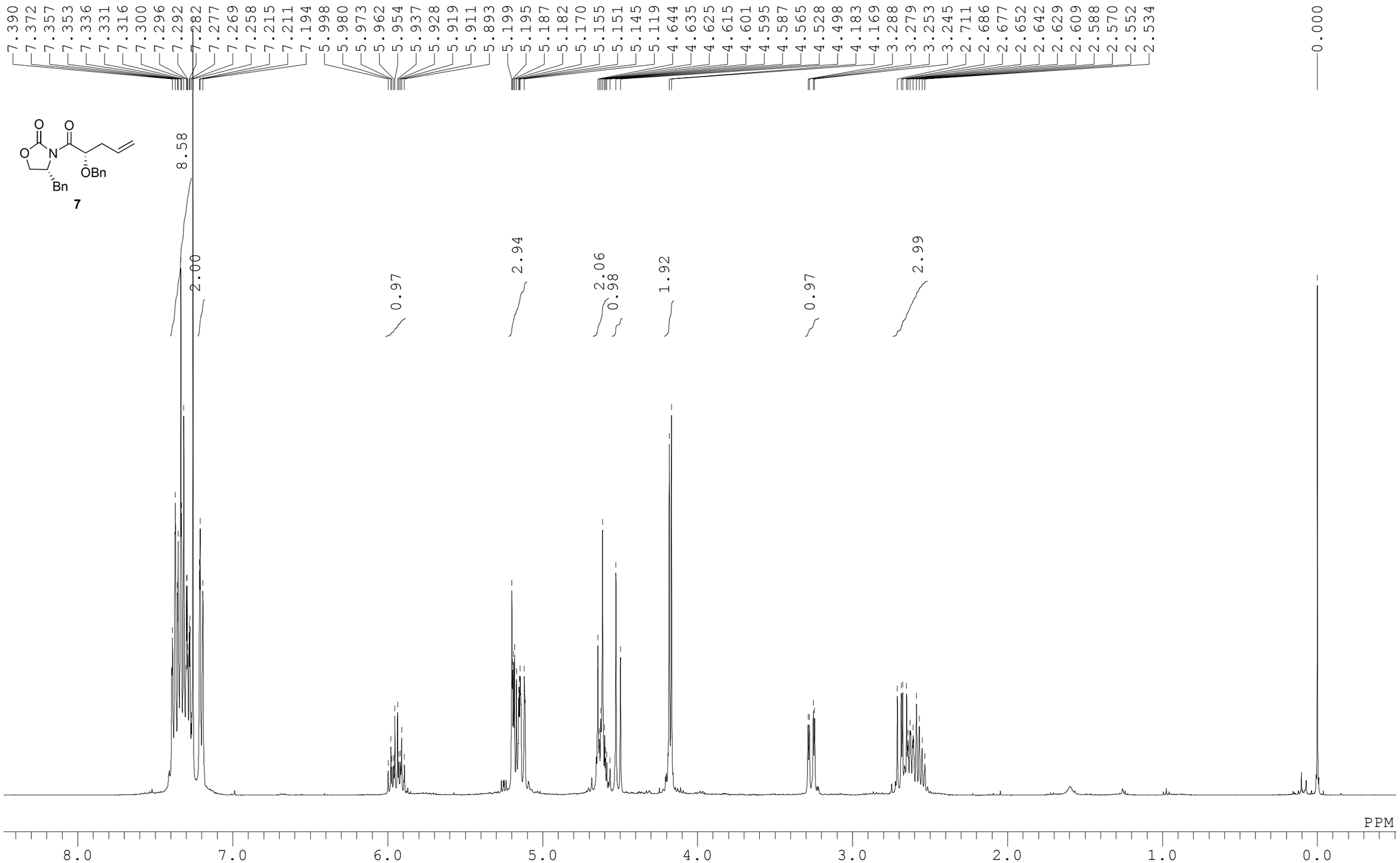
^{1}H NMR of **1b** (500 MHz, CD_3OD)



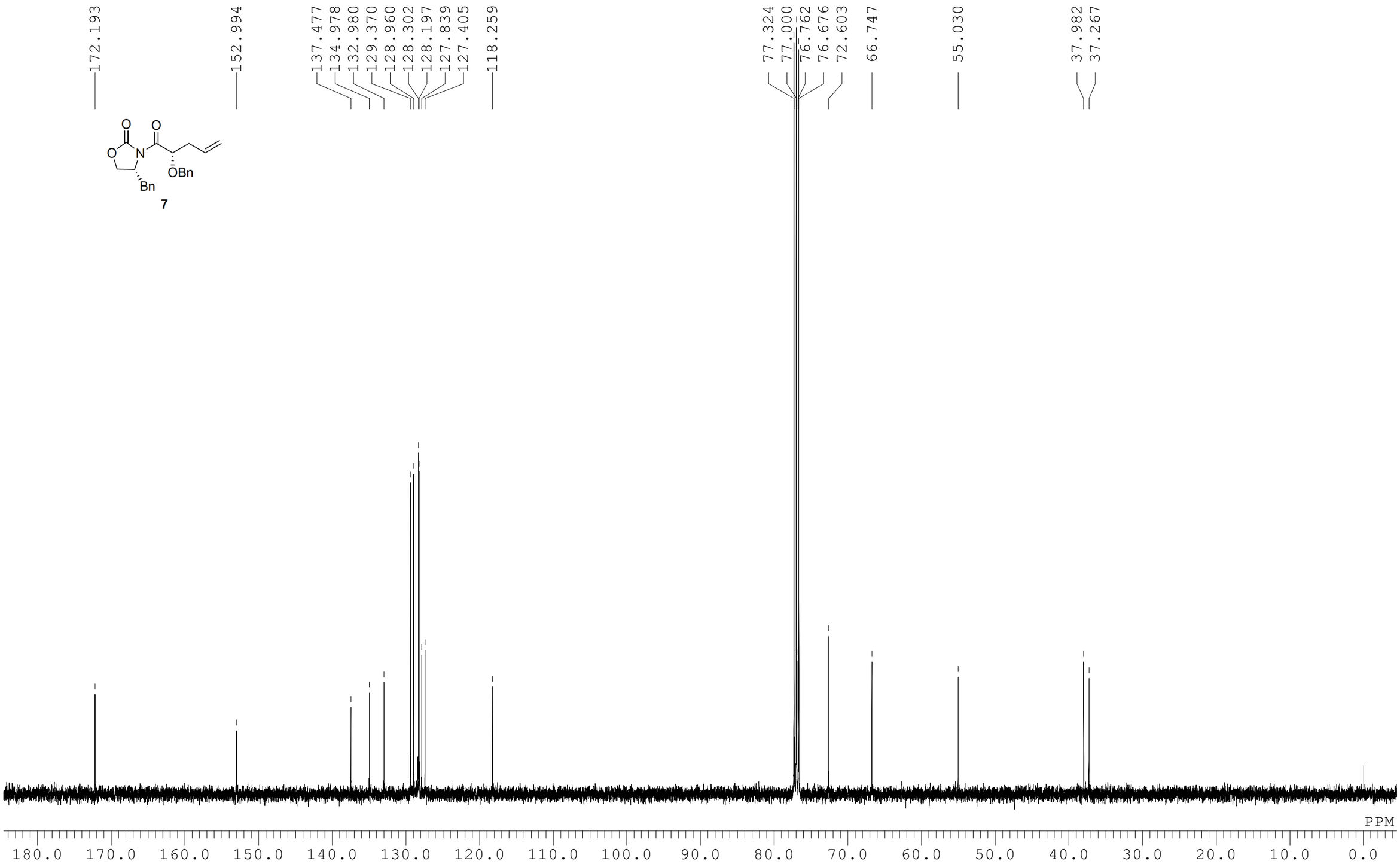
$^{13}C\{^{1}H\}$ NMR of **1b** (125 MHz, CD_3OD)



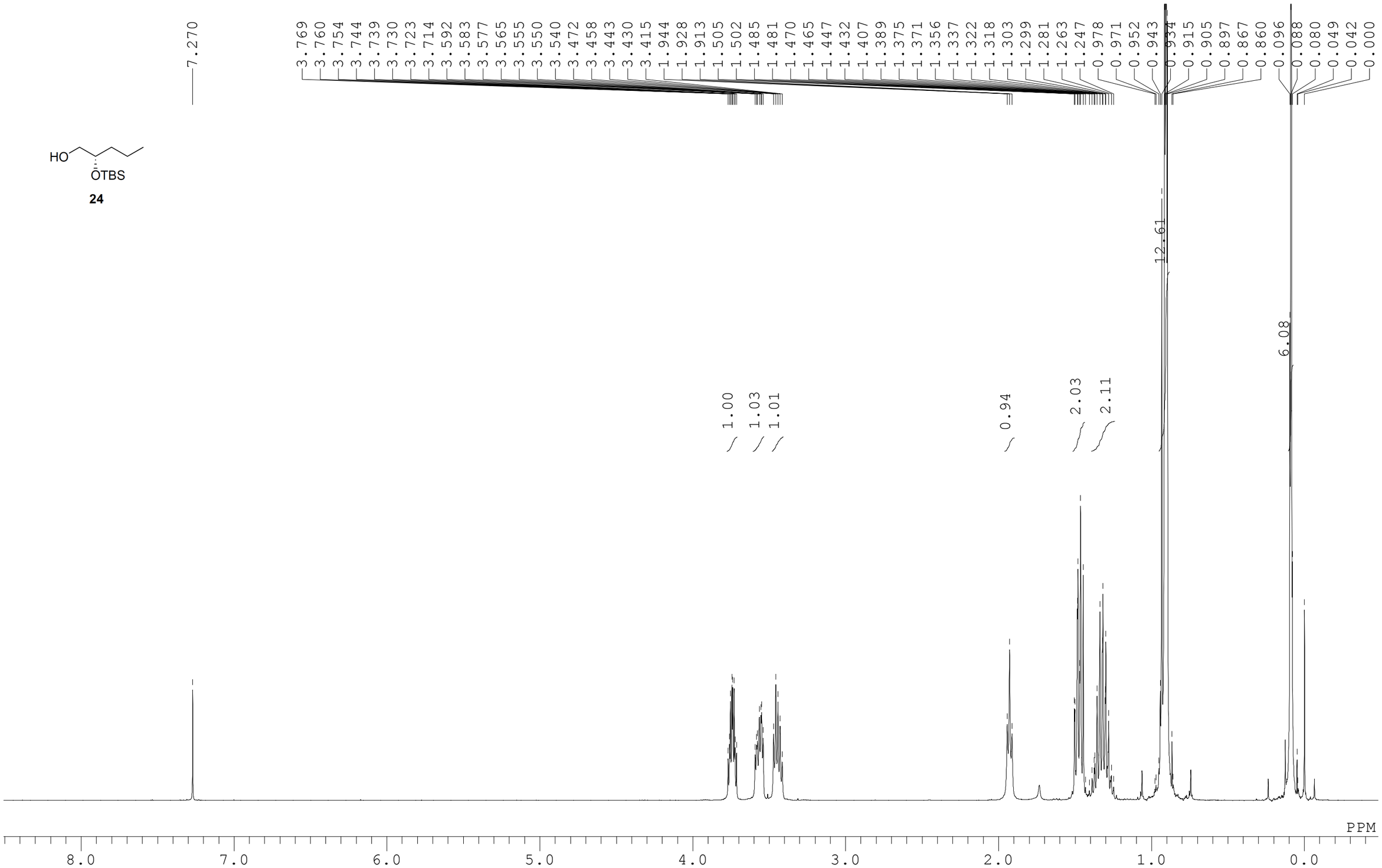
^{1}H NMR of **7** (400 MHz, $CDCl_3$)



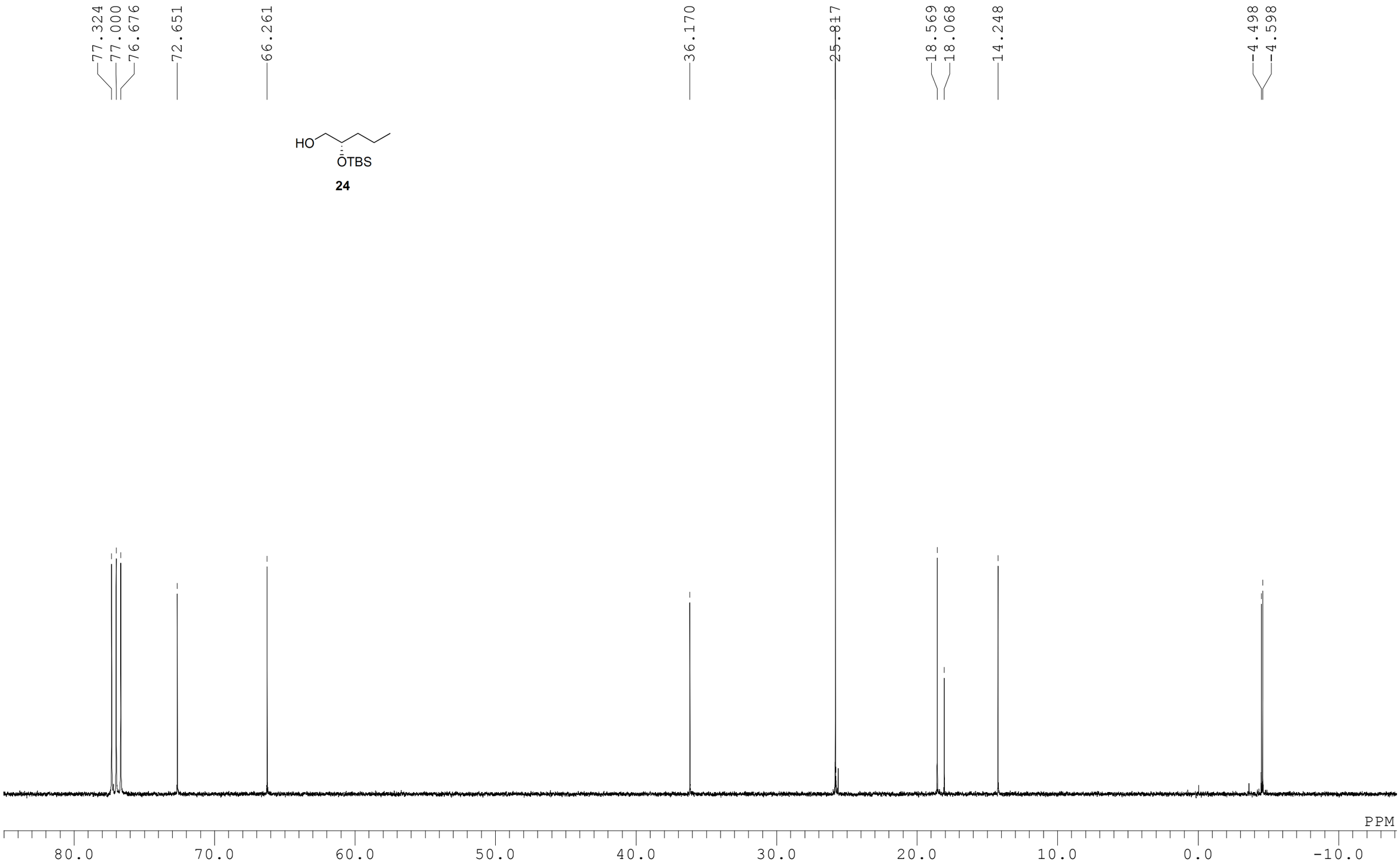
$^{13}C\{^{1}H\}$ NMR of **7** (100 MHz, $CDCl_3$)



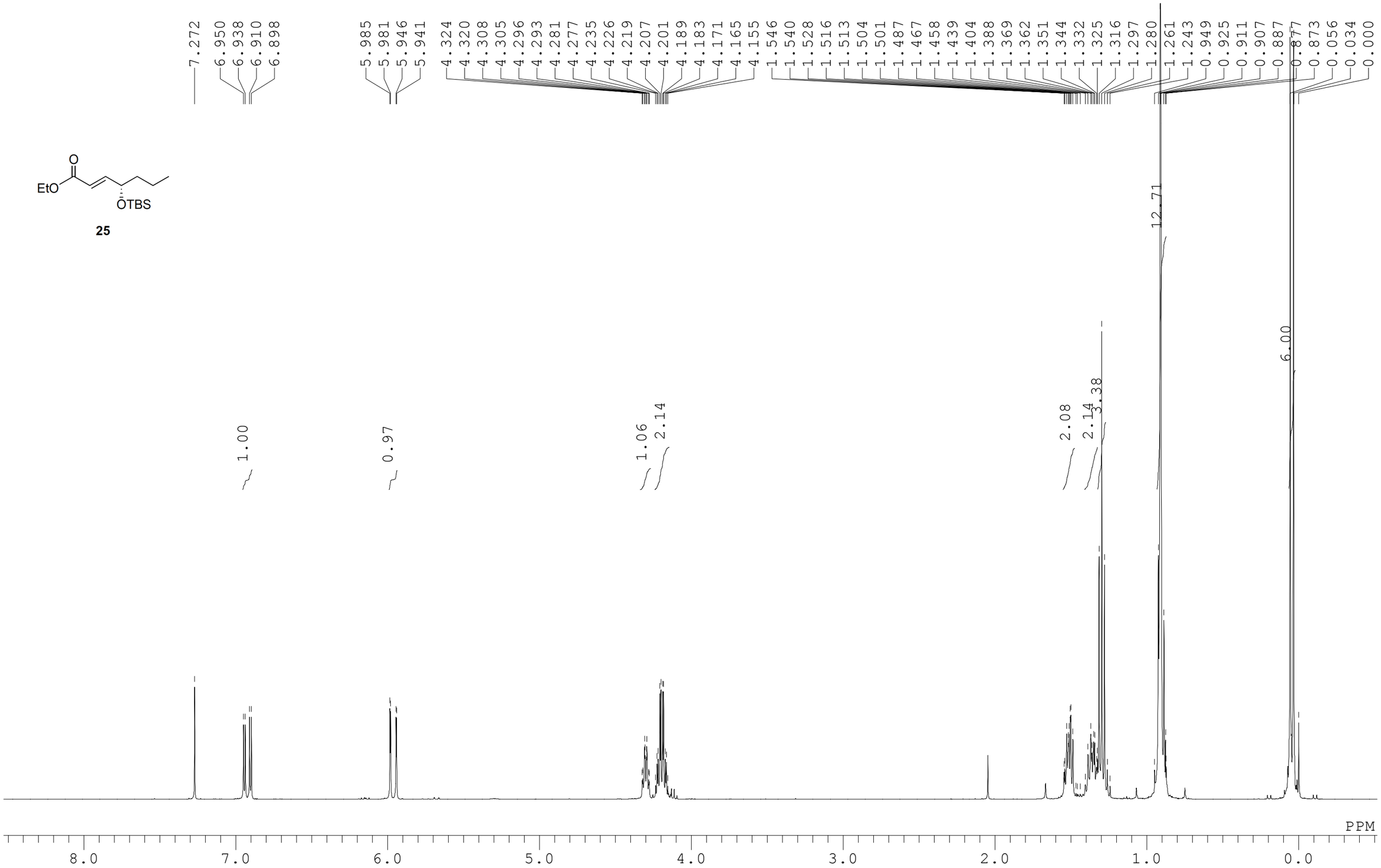
^{1}H NMR of **24** (400 MHz, $CDCl_3$)



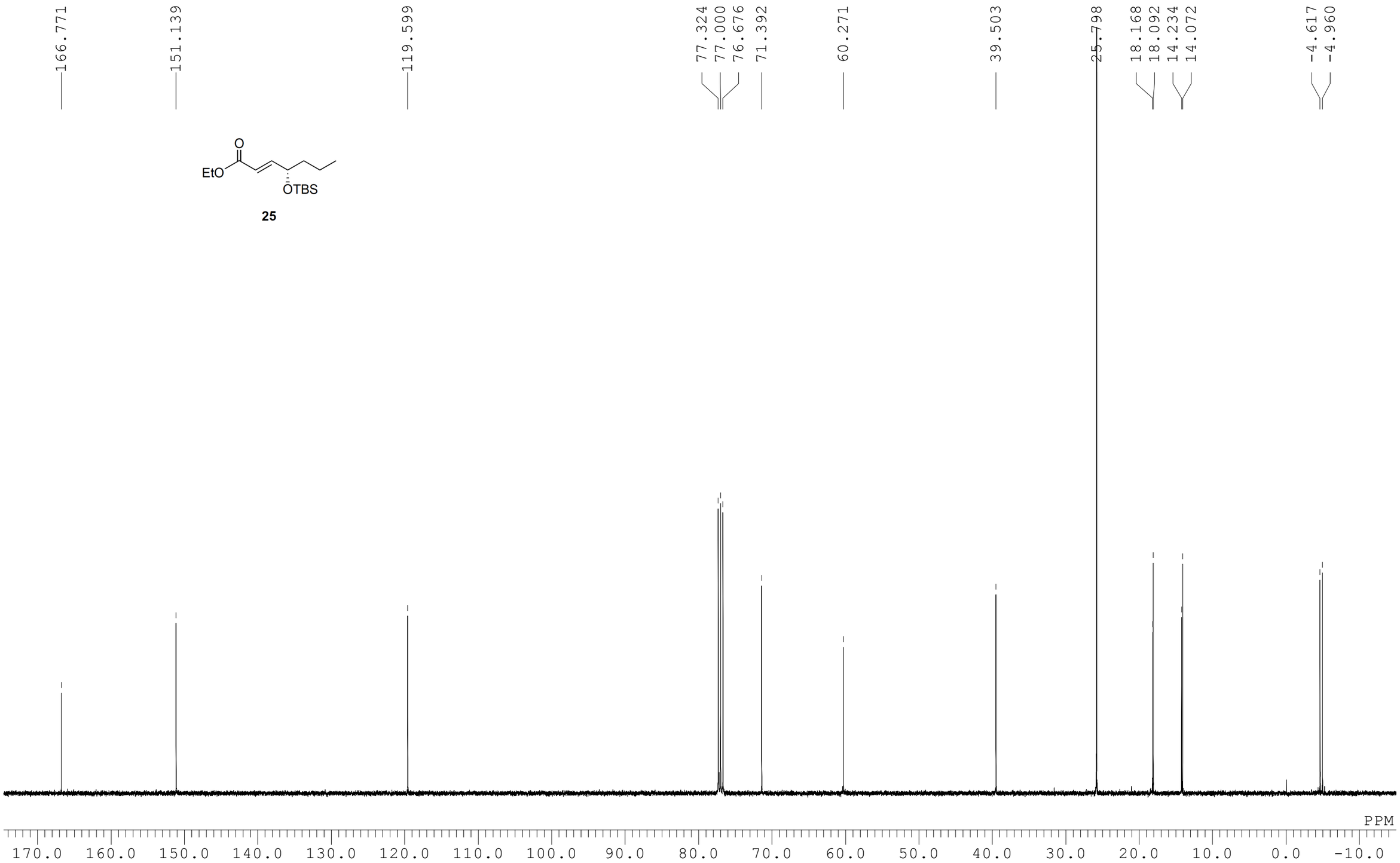
$^{13}C\{^{1}H\}$ NMR of **24** (100 MHz, $CDCl_3$)



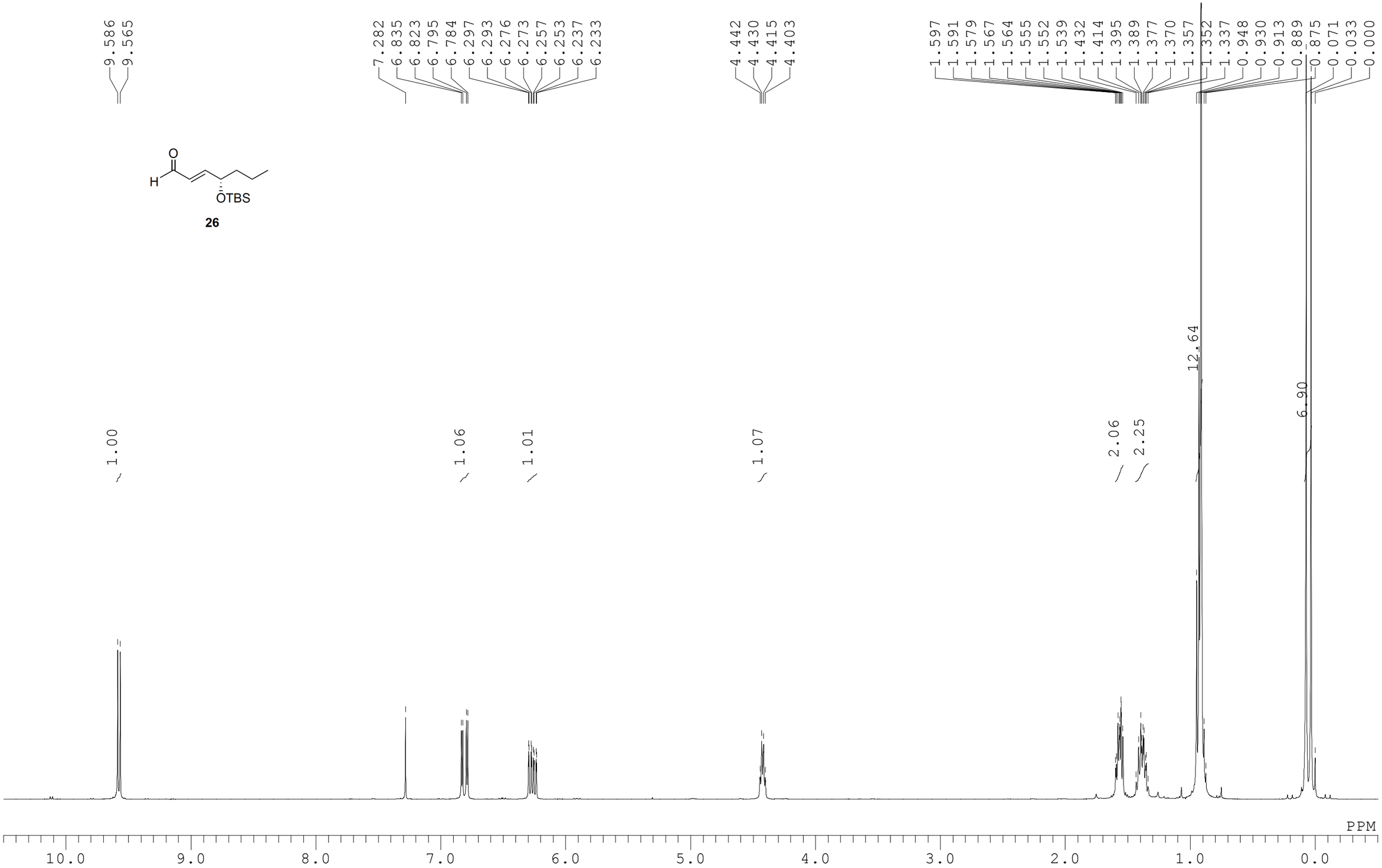
^{1}H NMR of **25** (400 MHz, $CDCl_3$)



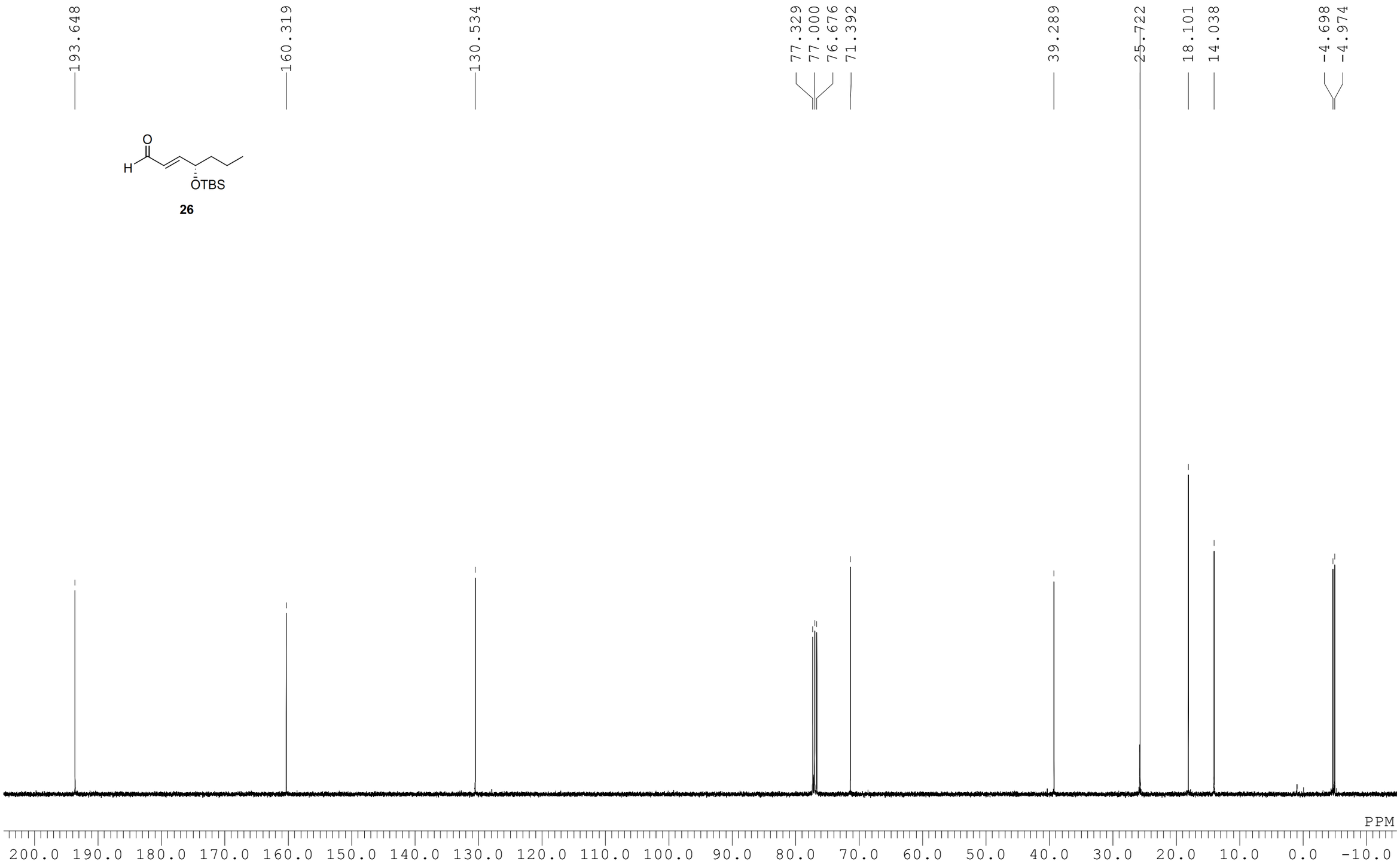
$^{13}C\{^{1}H\}$ NMR of **25** (100 MHz, $CDCl_3$)



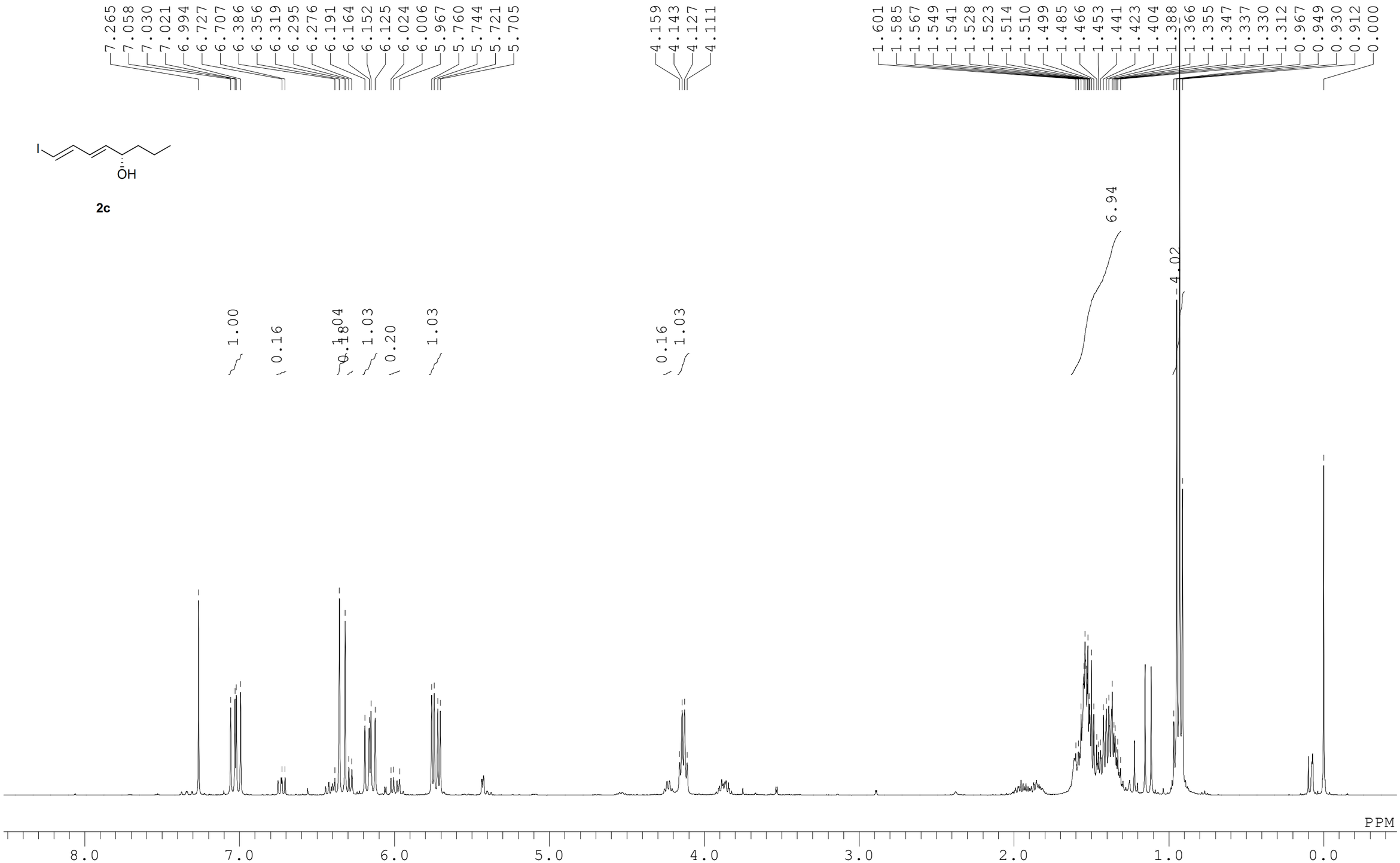
^{1}H NMR of **26** (400 MHz, $CDCl_3$)



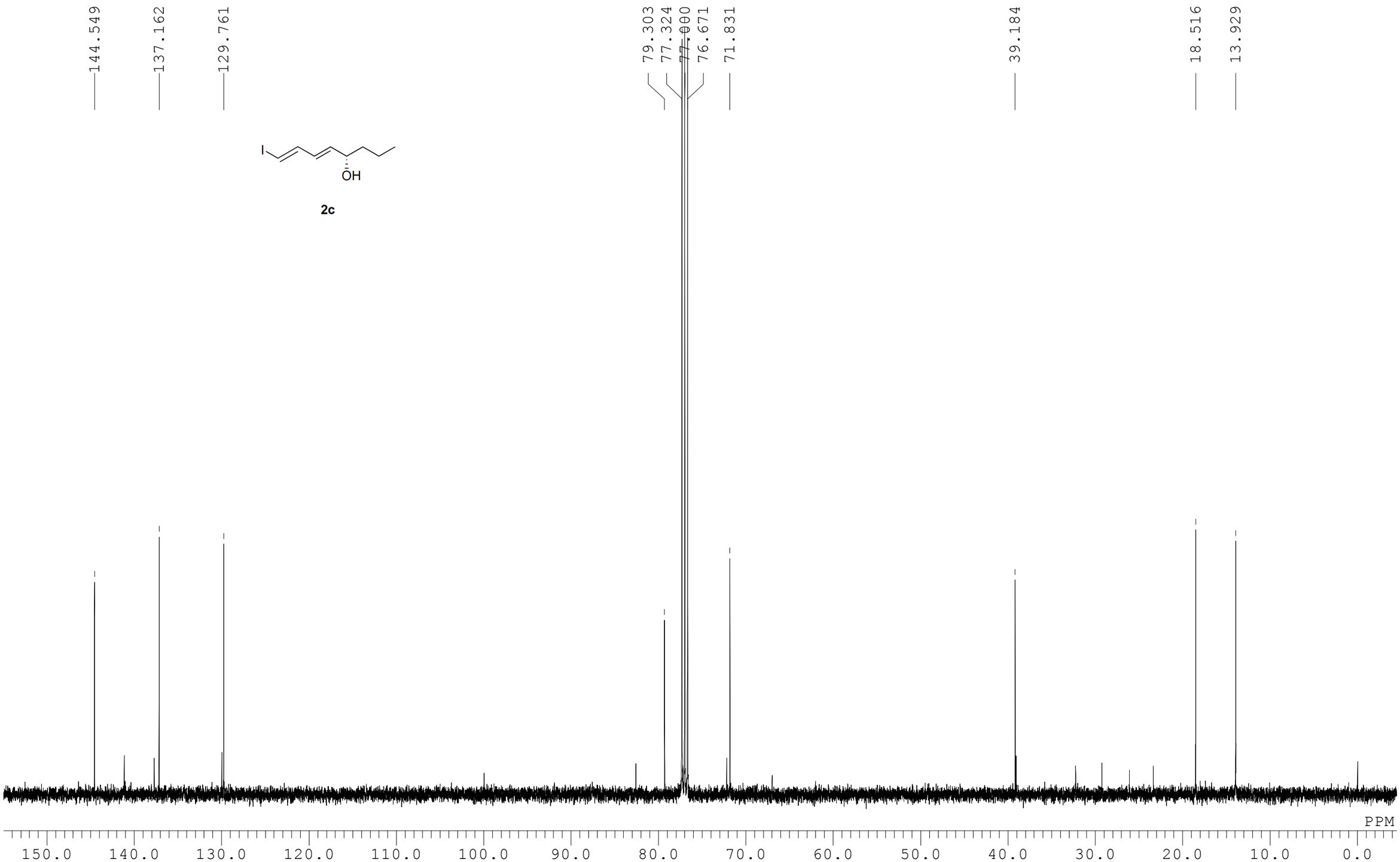
$^{13}C\{^{1}H\}$ NMR of **26** (100 MHz, $CDCl_3$)



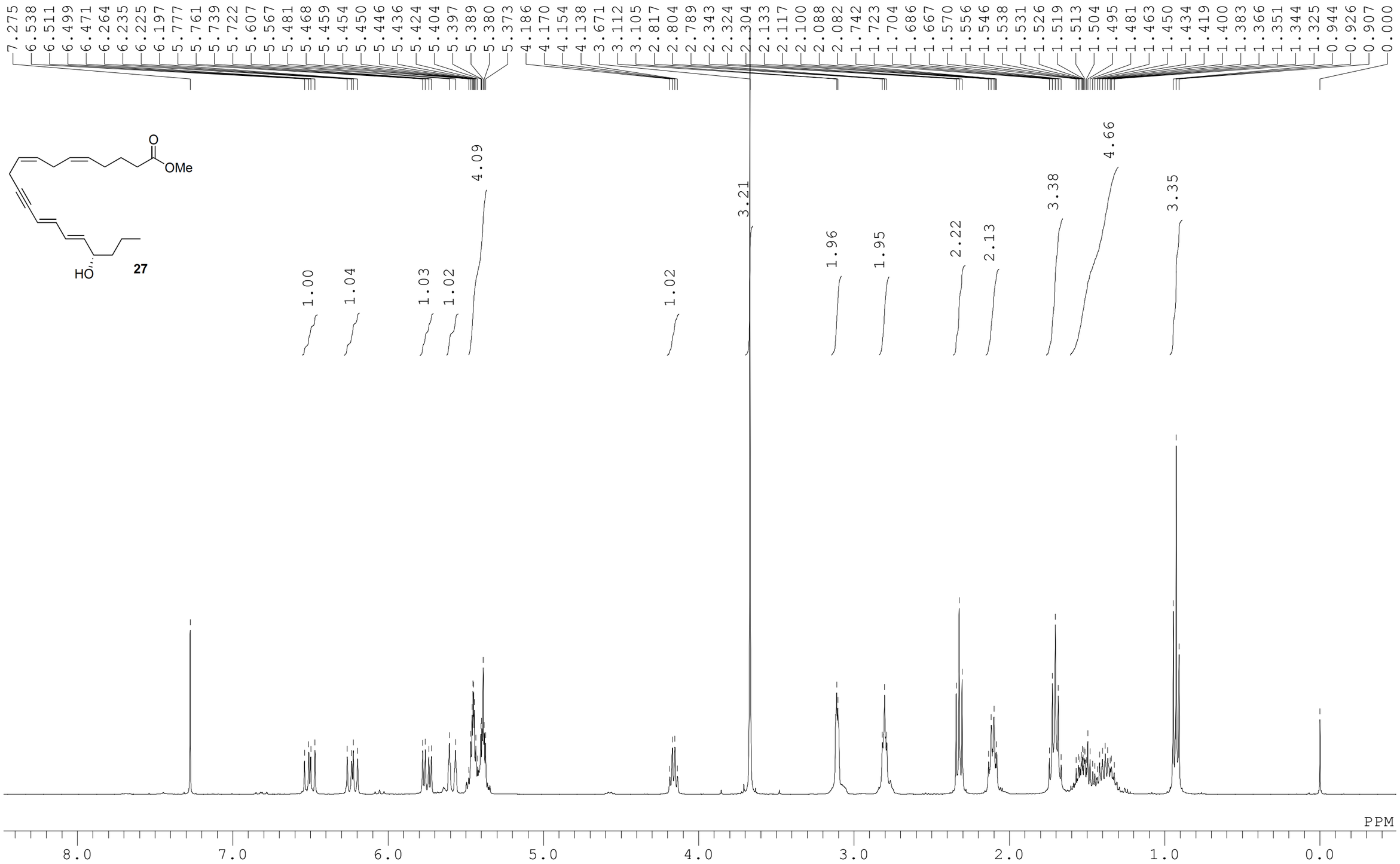
^{1}H NMR of **2c** (400 MHz, $CDCl_3$)



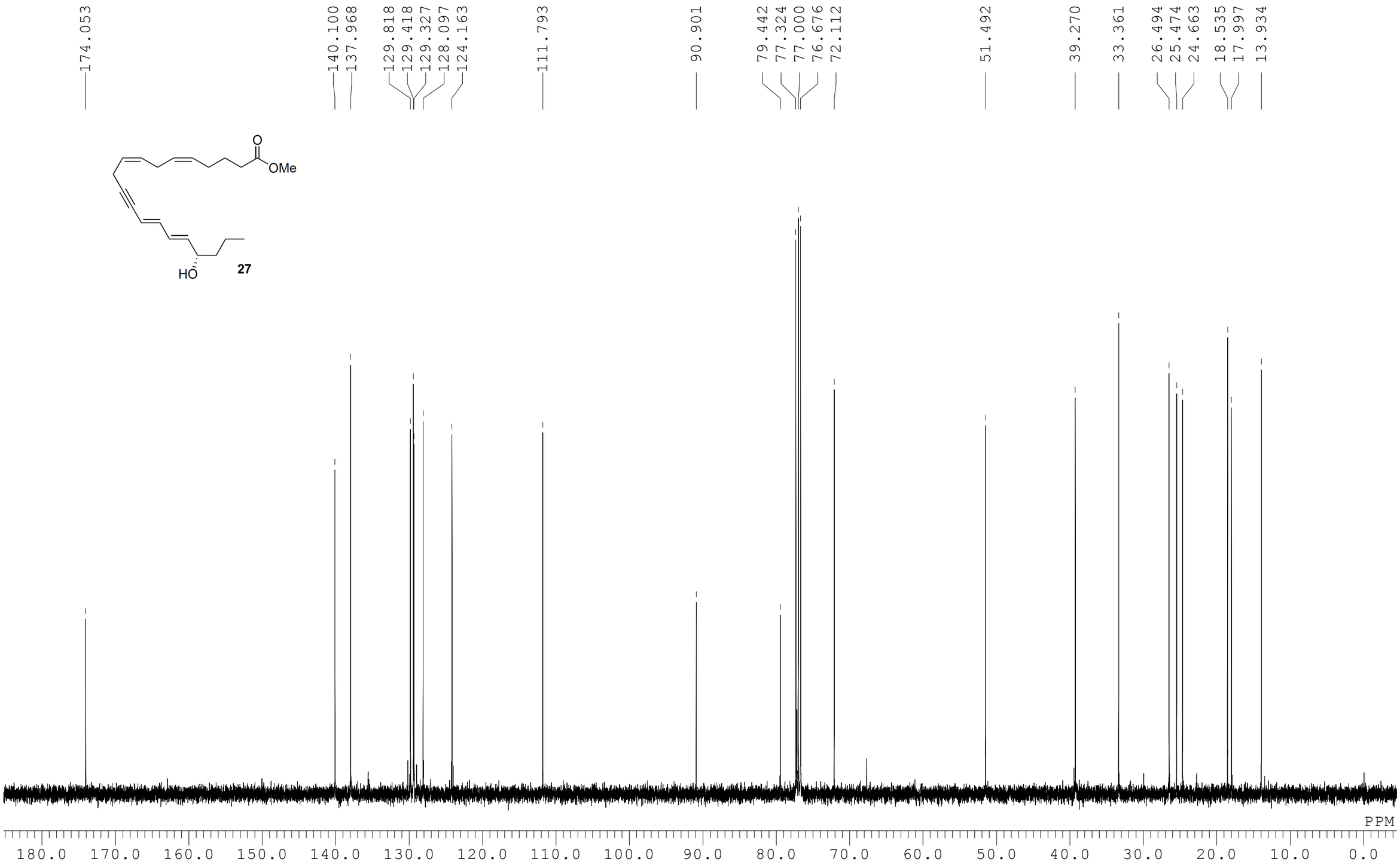
$^{13}C\{^{1}H\}$ NMR of **2c** (100 MHz, $CDCl_3$)



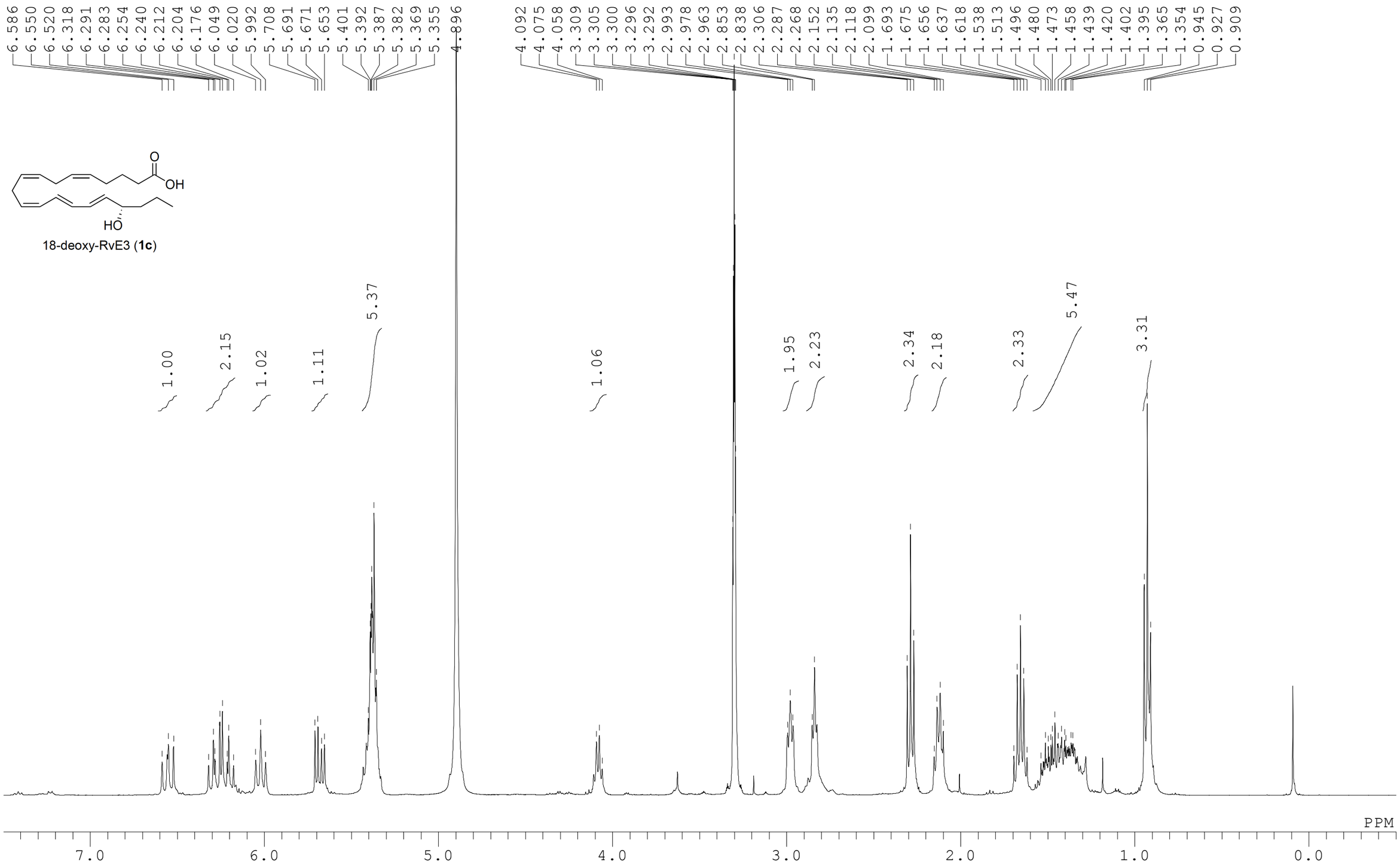
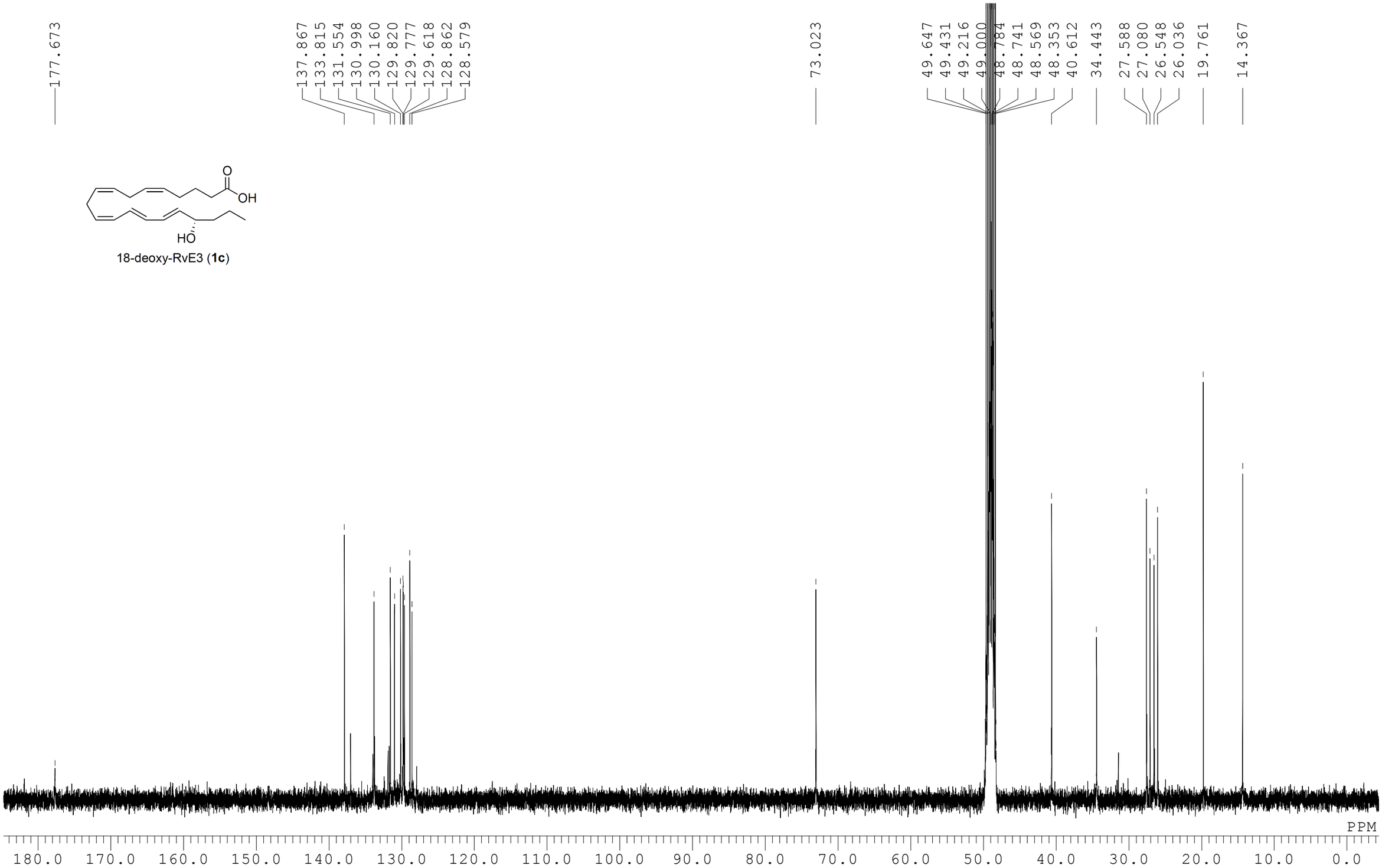
^{1}H NMR of **27** (400 MHz, $CDCl_3$)



$^{13}C\{^{1}H\}$ NMR of **27** (100 MHz, $CDCl_3$)



^{1}H NMR of **1c** (500 MHz, CD_3OD)



$^{13}C\{^{1}H\}$ NMR of **1c** (100 MHz, CD_3OD)