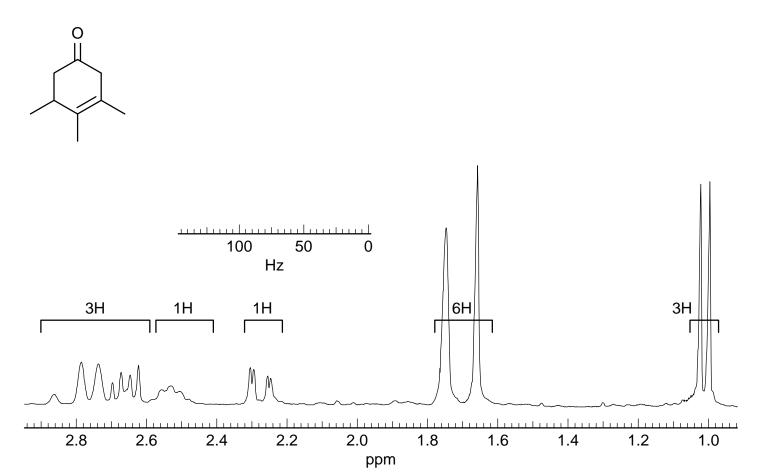
Problem N-104 $(C_9H_{14}O)$

270 MHz 1 H NMR spectrum in CDCl $_3$

Source: Steve Nelsen

IR: 2960, 2915, 2860, 1716, 1638, 1500, 1374, 1350, 1312, 1253, 1247, 1200, 1142, 1085, 850 cm⁻¹



Problem N-104 ($C_9H_{14}O$). Determine the structure and assign the major conformation from the 1H NMR coupling constants.

MS: 138.105

IR: 2960, 2915, 2860, 1716, 1638, 1500, 1374, 1350, 1312, 1253, 1247, 1200, 1142, 1085, 850 cm⁻¹

HMR: 270 MHz, CDCl₃ solvent Analysis: 78.3% C, 10.2% H

