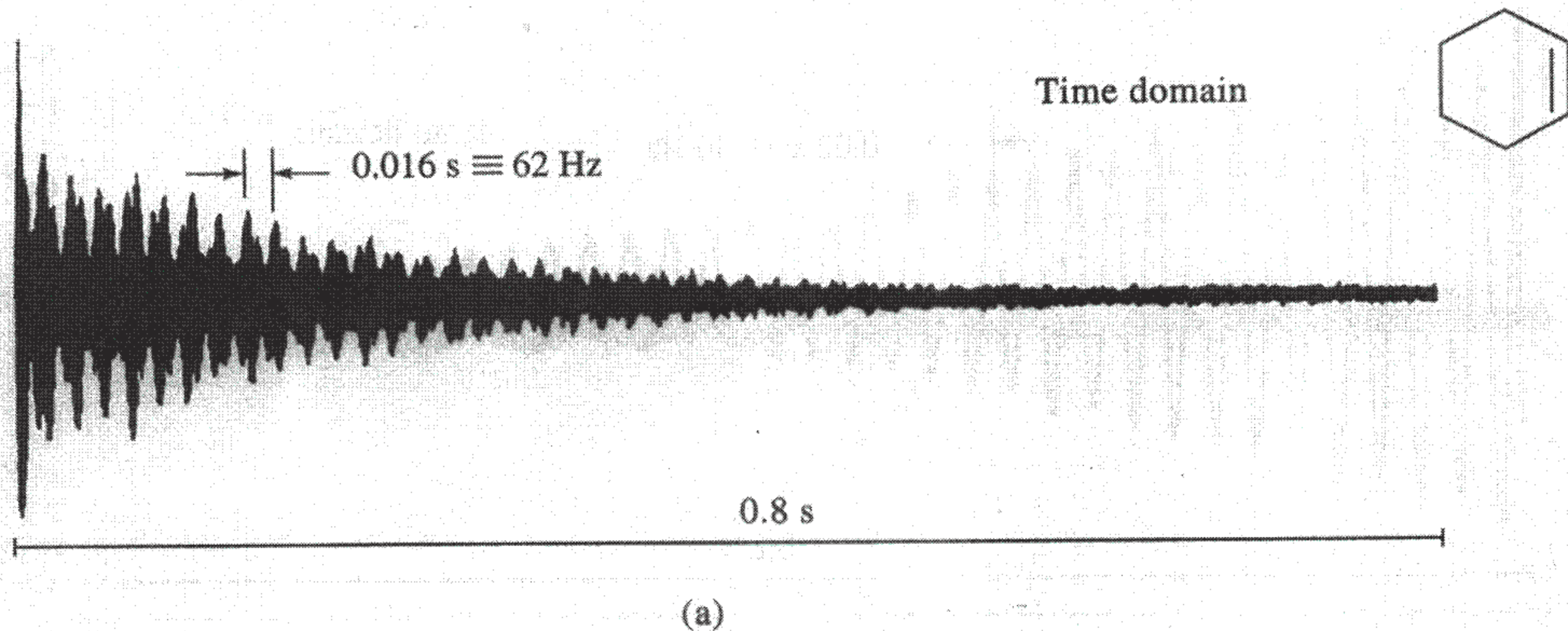


The "Free Induction Decay" (FID)



The Fourier-Transformed Spectrum

Frequency domain

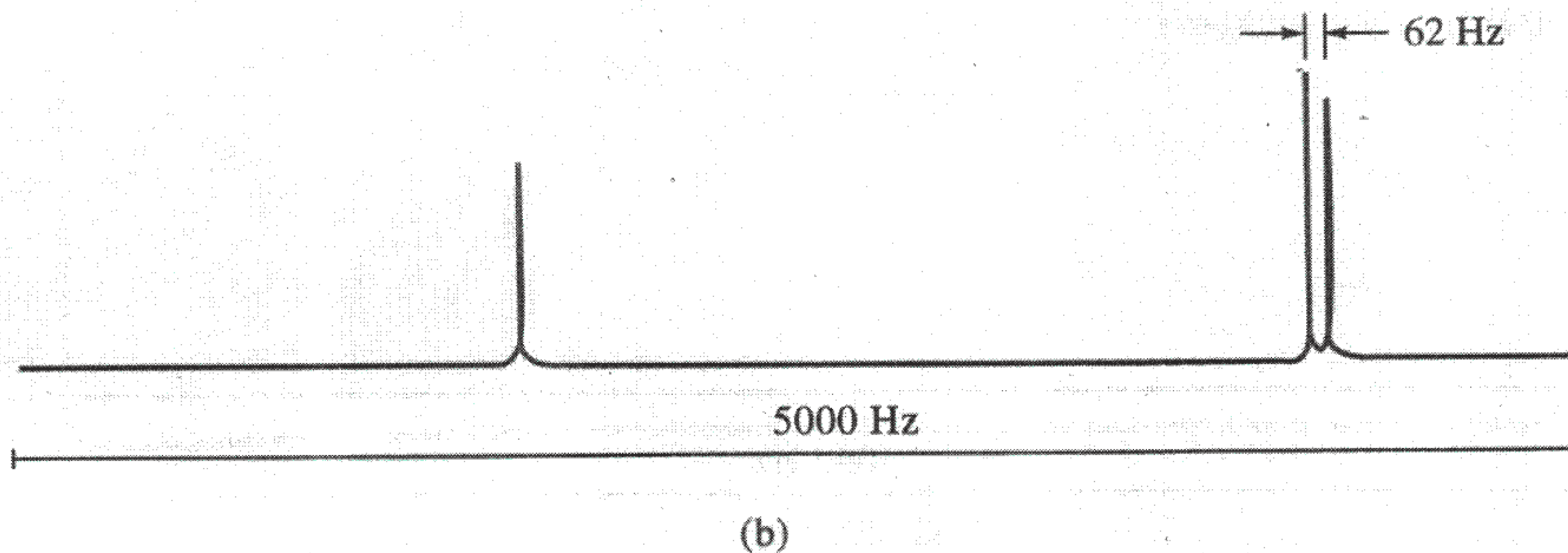


Figure 19-10 (a) FID signal for ^{13}C in cyclohexane; (b) Fourier transform of (a). (From R. J. Abraham, J. Fisher and P. Loftus, *Introduction to NMR Spectroscopy*, p. 91. New York: Wiley, 1988. Reprinted by permission of John Wiley & Sons, Inc.)