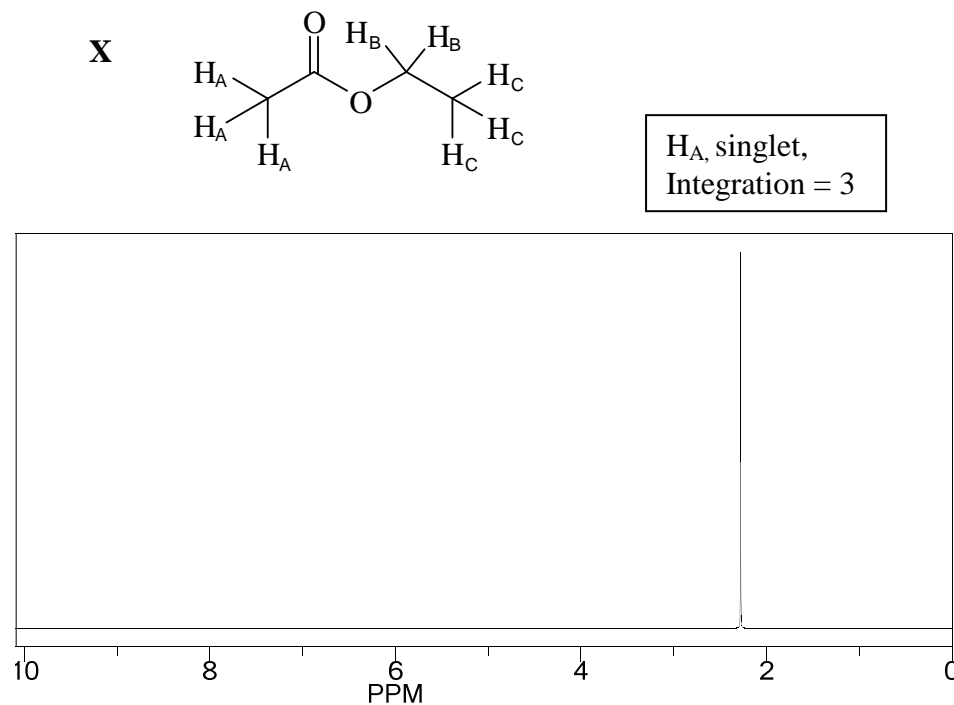


Marks
6

- Sketch the resonances you would expect to observe for protons H_B and H_C in the ¹H NMR spectrum of compound **X**. Ensure that the approximate chemical shifts, as well as peak splittings and signal integrations are incorporated in your answer. (The resonance for H_A is provided as a guide.)

**THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.**