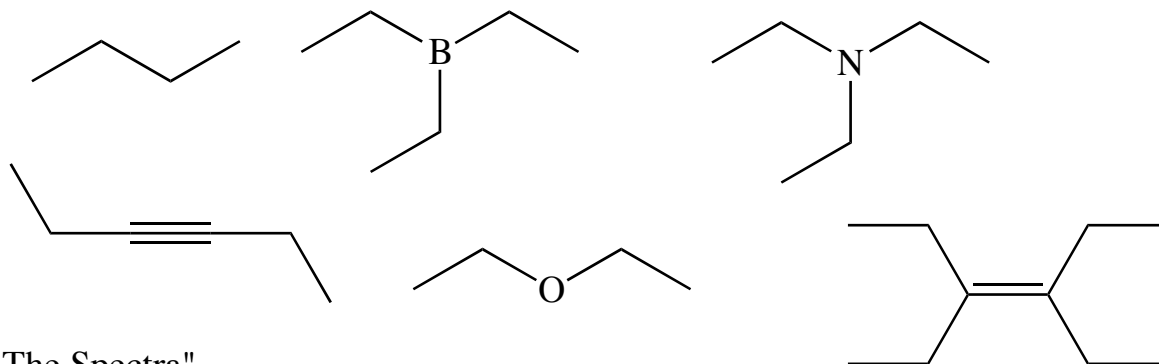


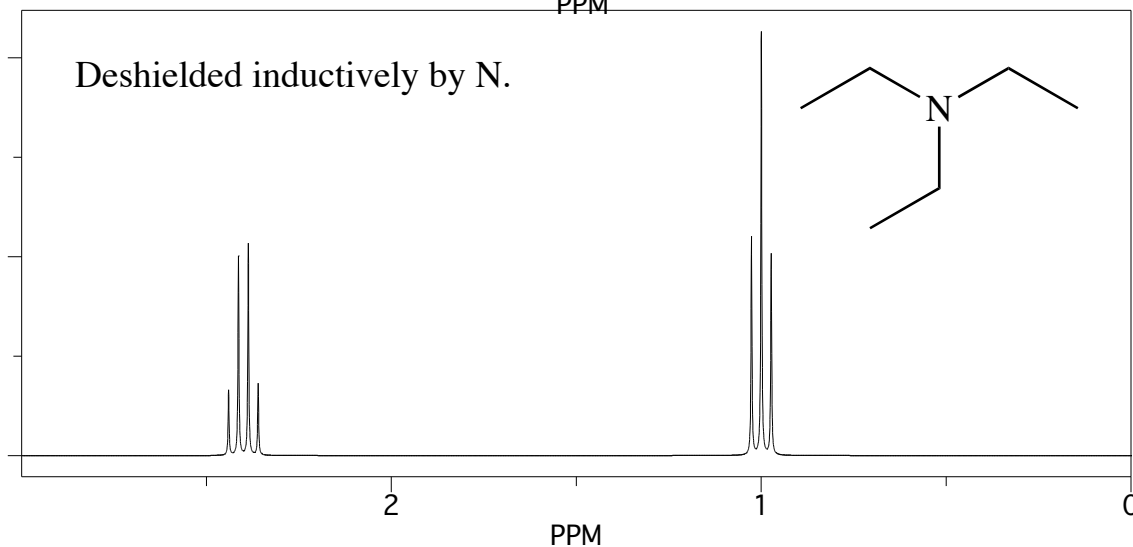
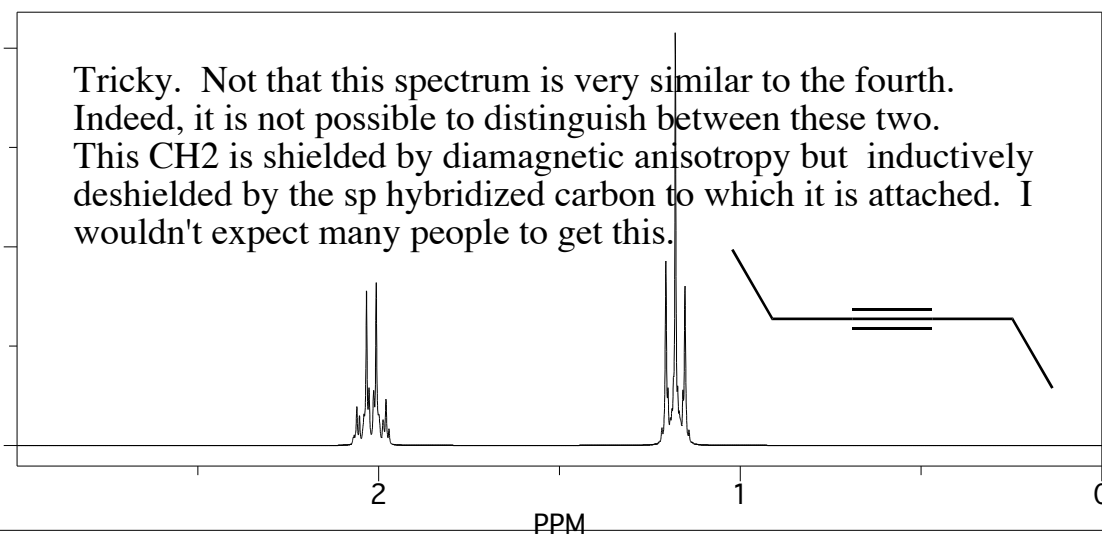
Exercise 53 - Chemical Shift

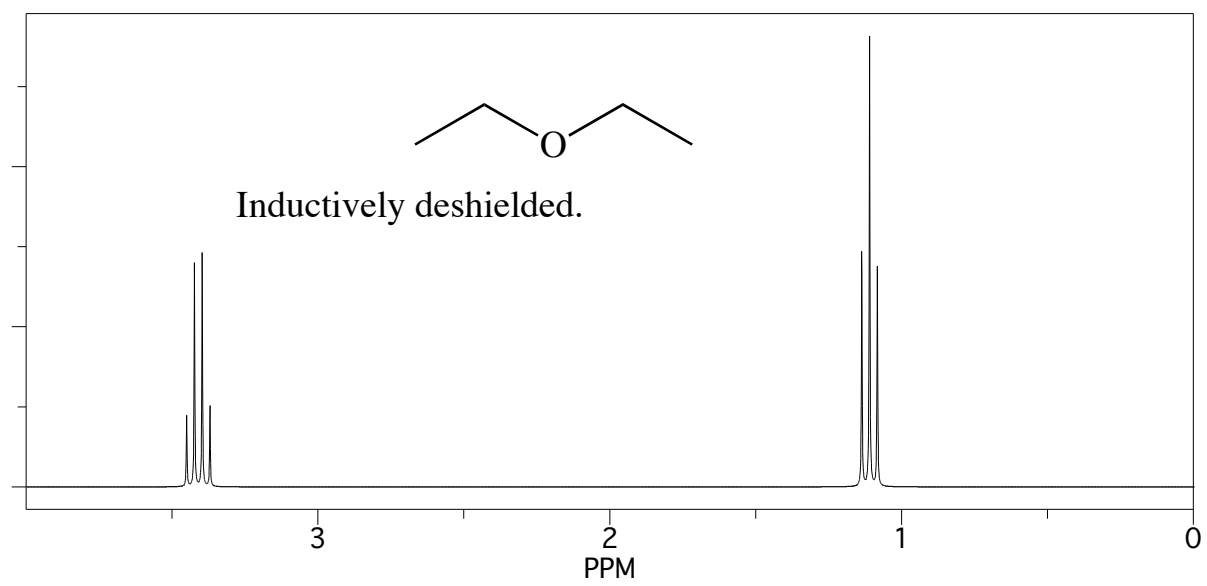
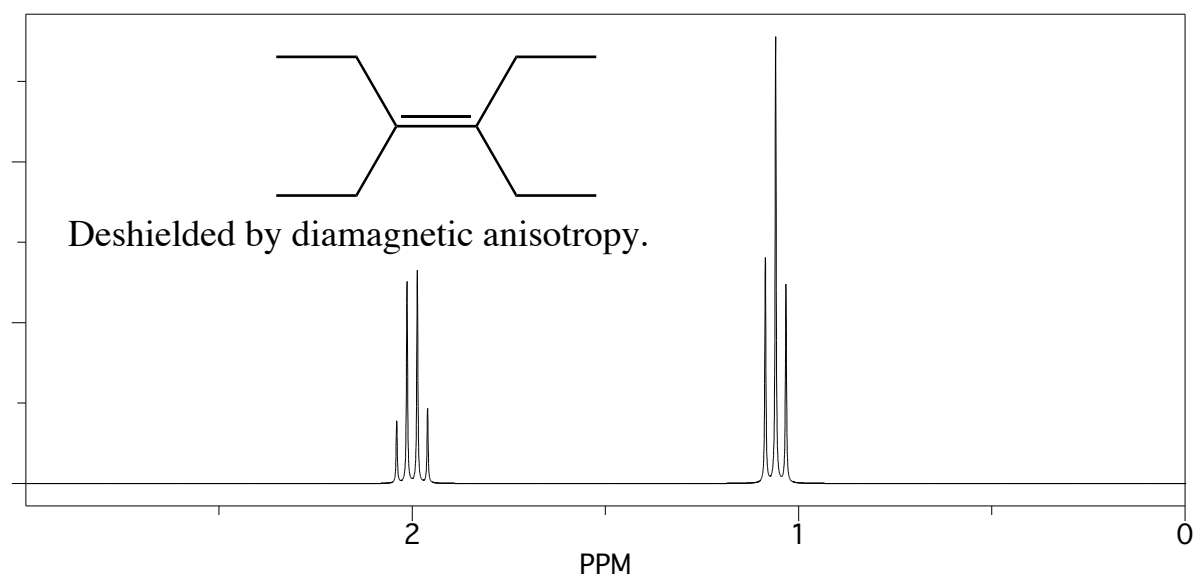
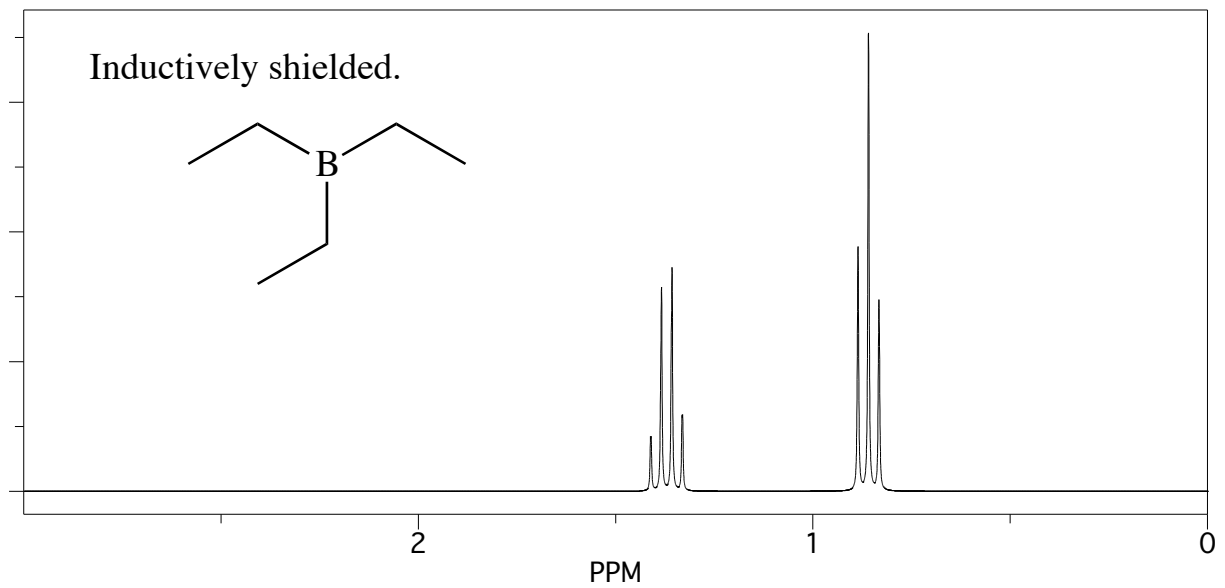
Match the compound with the proton NMR spectrum using the chemical shift of the CH₂ of the ethyl group. In each case, identify whether the CH₂ protons are shielded or deshielded and is it by an inductive effect or diamagnetic anisotropy.

The Compounds:



The Spectra"





No effects operating on these CH₂s for obvious reasons.

