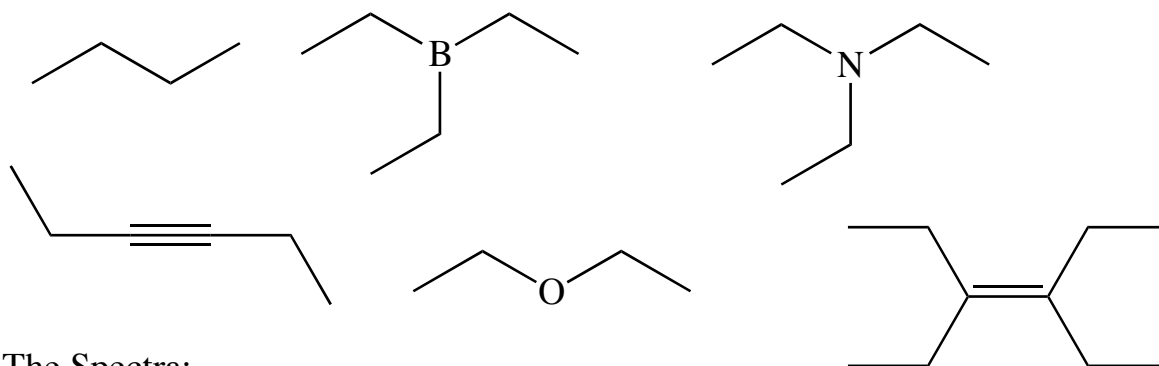


### Exercise 53 - Chemical Shift

Match the compound with the proton NMR spectrum using the chemical shift of the CH<sub>2</sub> of the ethyl group. In each case, identify whether the CH<sub>2</sub> protons are shielded or deshielded and is it by an inductive effect or diamagnetic anisotropy.

The Compounds:



The Spectra:

