CH3041 Tutorial 6 Analytical B

Name:

1. What property of a molecule is important for headspace GC analysis to be successful?

2. Describe how a solid phase extraction (SPE) cartridge works.

3. Describe the difference between a **direct titration** and a **back titration** using examples.

4. What is the basic physical difference between **UV-Visible spectroscopy** and **Fluorescence** spectroscopy?

5. Draw schematic diagrams for **GC-FID** and **HPLC-UV/Vis** spectrometers including details of the columns and the stationary and mobile phases which are used to enable successful separations.