

Gas Chromatography

Pre-lesson assignment – textbook page 508-509

Define the following Key Terms

- Calibration curve
- Retention time

Make notes on gas chromatography

1. Draw a diagram of the instrument used in gas chromatography. Identify the mobile phase and the stationary phase.
2. Briefly explain how separation of molecules is achieved.
3. Explain how peak integrations and retention times can be used to identify different chemicals and the quantities present.

There is a useful summary of the simple chemical tests we have done since year 12 on Pg 510. You may wish to replicate this in your book, but it isn't directly related to the lesson.