

37 Thin-layer chromatography – Part 1

—Answers

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Work through these after trying the questions yourself.

37.1 A mixture (into its components).

37.2 The stationary phase.

37.3 The mobile phase.

37.4 On the baseline.

37.5 The solvent front.

37.6 Each substance balances differently between sticking to the stationary phase and dissolving in the moving solvent. A substance that dissolves more in the solvent (and sticks less) is carried further up the plate, so the two end up at different distances.