

Liquid Chromatography

- 1. Introduction and Column Packing Material**
 - 2. Retention Mechanisms in Liquid Chromatography**
 - 3. Method Development**
 - 4. Column Preparation**
 - 5. General Instrumental aspects**
 - 6. Detectors**
- (Chapter 4 and 5 in The essence of chromatography)**

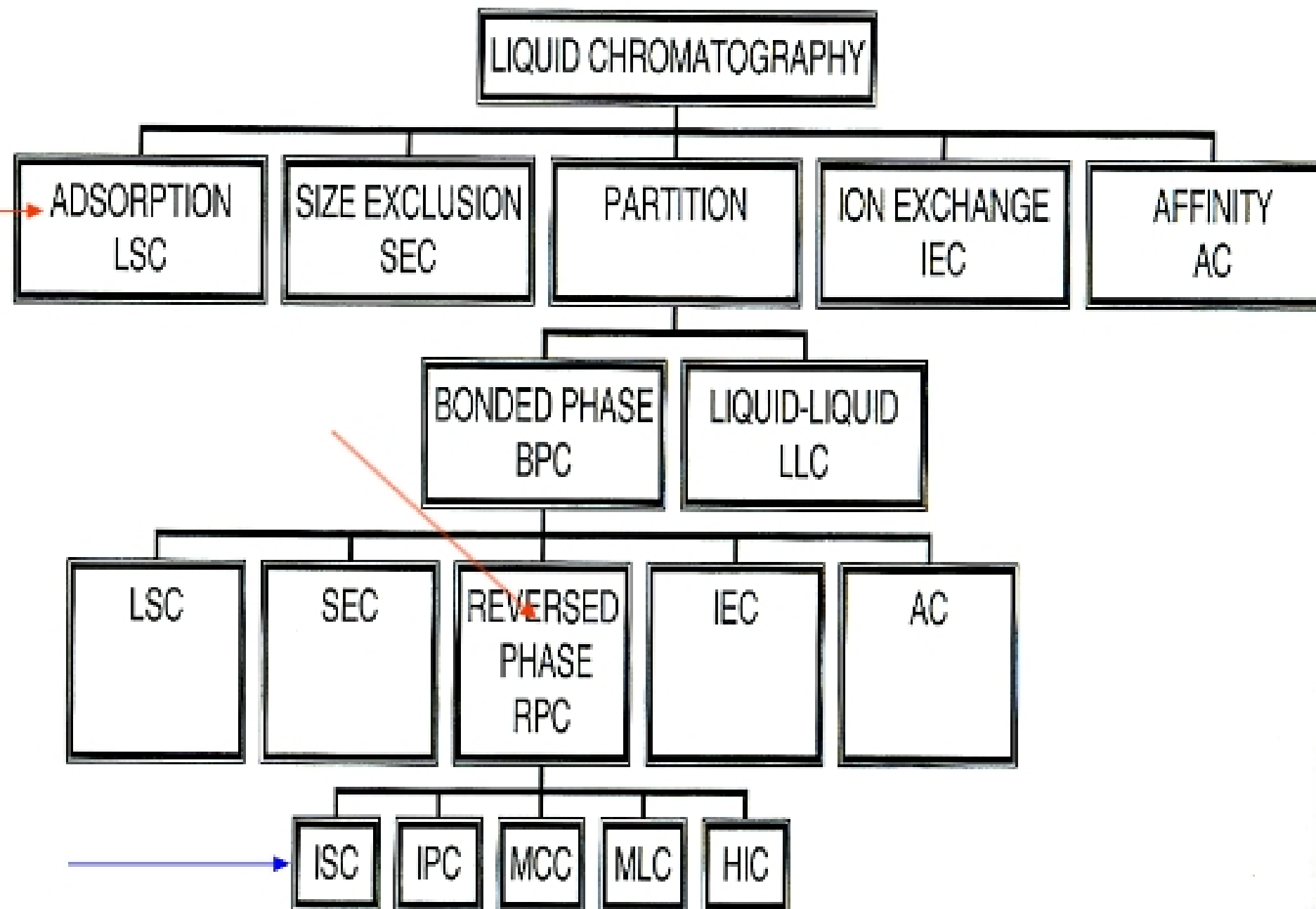


Figure 4.1. Family tree of liquid chromatographic separation modes. LSC = liquid-solid (or normal-phase) chromatography; SEC = size-exclusion chromatography; IEC = ion-exchange chromatography; AC = affinity chromatography; BPC = bonded-phase chromatography; LLC = liquid-liquid chromatography; RPC = reversed-phase chromatography; ISC = ion-suppression chromatography; IPC = ion-pair chromatography; MCC = metal-complexation chromatography; MLC = micellar-liquid chromatography; and HIC = hydrophobic-interaction chromatography.

Separation of synthetic Oligonucleotide using RPLC

