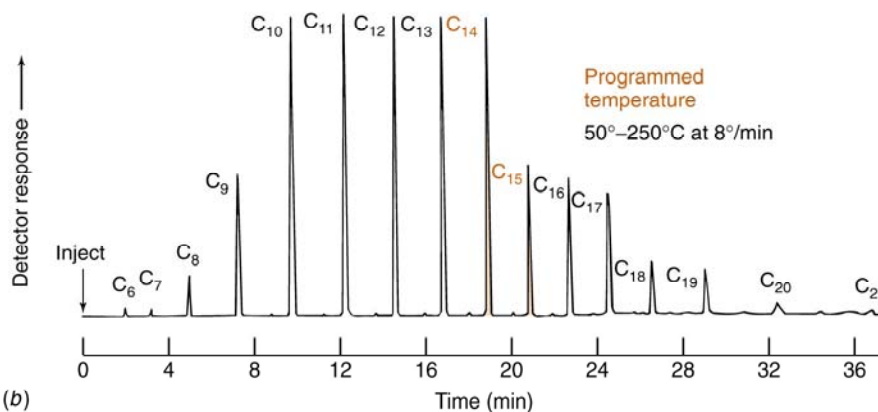
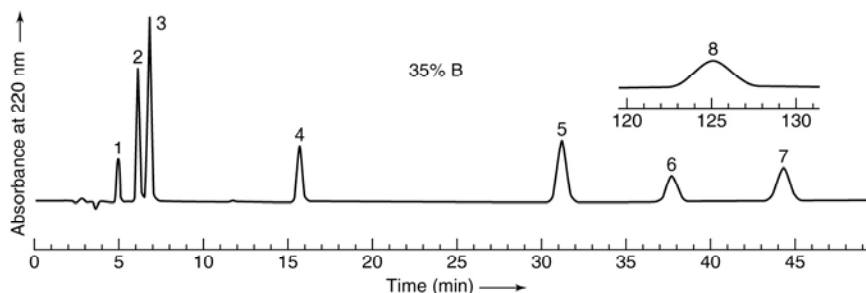


**Harris Figure 24-7(a): Gas Chromatography Experiment with Column at Constant Temperature**

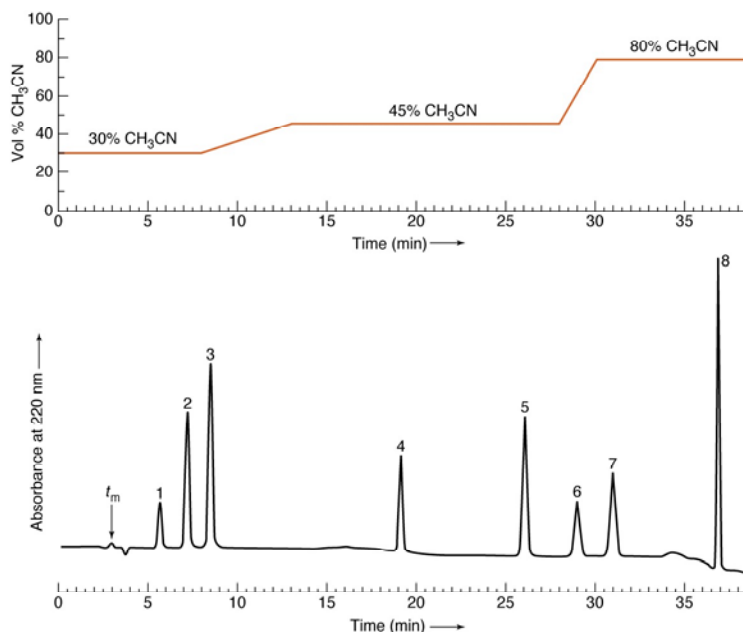


**Harris Figure 24-7(b): Same Gas Chromatography Experiment with Column at **Increasing** Temperature**

**Analytes:** Largely Non-Polar  
**Stationary Phase:** Non-Polar ( $C_{18}$  bonded to Si)  
**Mobile Phase:** 65%  $H_2O$ ; 35%  $CH_3CN$



**Harris Figure 25-10: Liquid Chromatography Experiment with Mobile Phase of Constant Composition (“isocratic elution”)**



**Harris Figure 25-11: Same Liquid Chromatography Experiment with Mobile Phase of Changing Composition (“gradient elution”)**