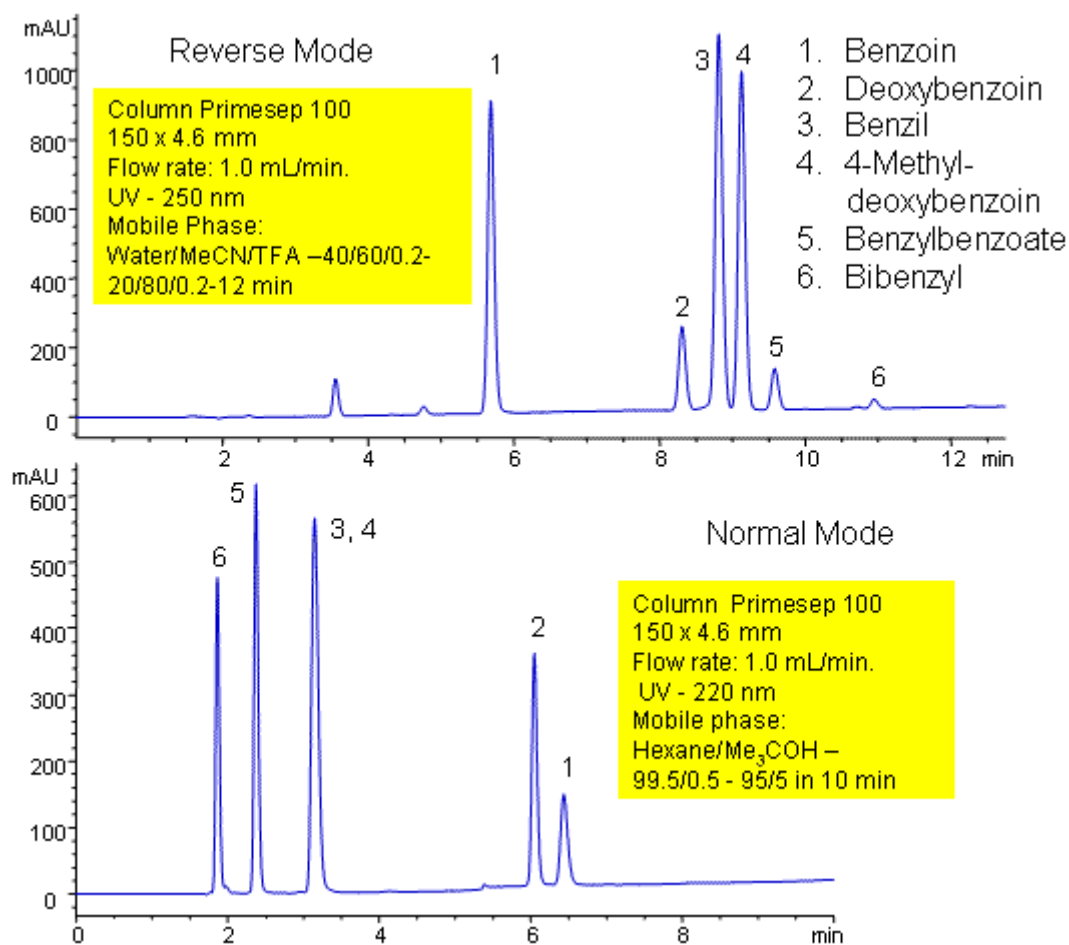


Reverse Mode vs Normal Mode: Separation of Aromatic Compounds

<https://sielc.com/Application-Reverse-Mode-Vs-Normal-Mode-Separation-of-Aromatic-Compounds>

Chromatogram



Description

Primesep 100 separates a mixture of benzyl compounds in both normal- and reversed-phase modes with UV detection. The peak order of benzil, benzoin, bibenzylbenzoate, bibenzyl, deoxybenzoin, and 4-methyldeoxybenzoin are completely reversed with a change of mobile phase. The reversed-phase mobile phase of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) and the normal phase mobile phase of hexane and isopropanol both separate this mixture in less than 12 minutes total elution time.