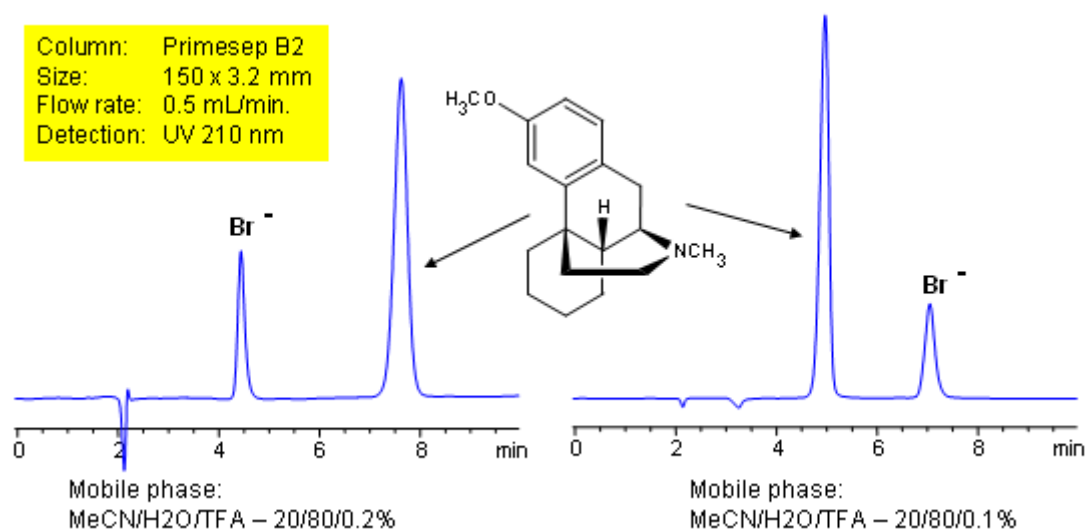


HPLC Method for Analysis of Dextromethorphan Bromide on Primesep B2 column

<https://sielc.com/Application-Separation-and-Retention-of-Dextromethorphan-Bromide-in-Mixed-Mode-HPLC-Buffer-Concentration-Effect>

Chromatogram



Description

Dextromethorphan is used as a temporary cough suppressant in many medications. The elution time of dextromethorphan and bromide can be reversed in HPLC chromatography on a Primesep B2 reverse-phase (RP) column with embedded basic ion-pairing groups by only changing the concentration of buffer in a simple mobile phase of water and acetonitrile (MeCN, ACN). Buffer is trifluoroacetic acid (TFA). UV detection at 210nm.

Column Diameter: 3.2 mm Column Length: 150 mm Particle Size: 5 µm Pore Size: 100 Å Column options: dual ended