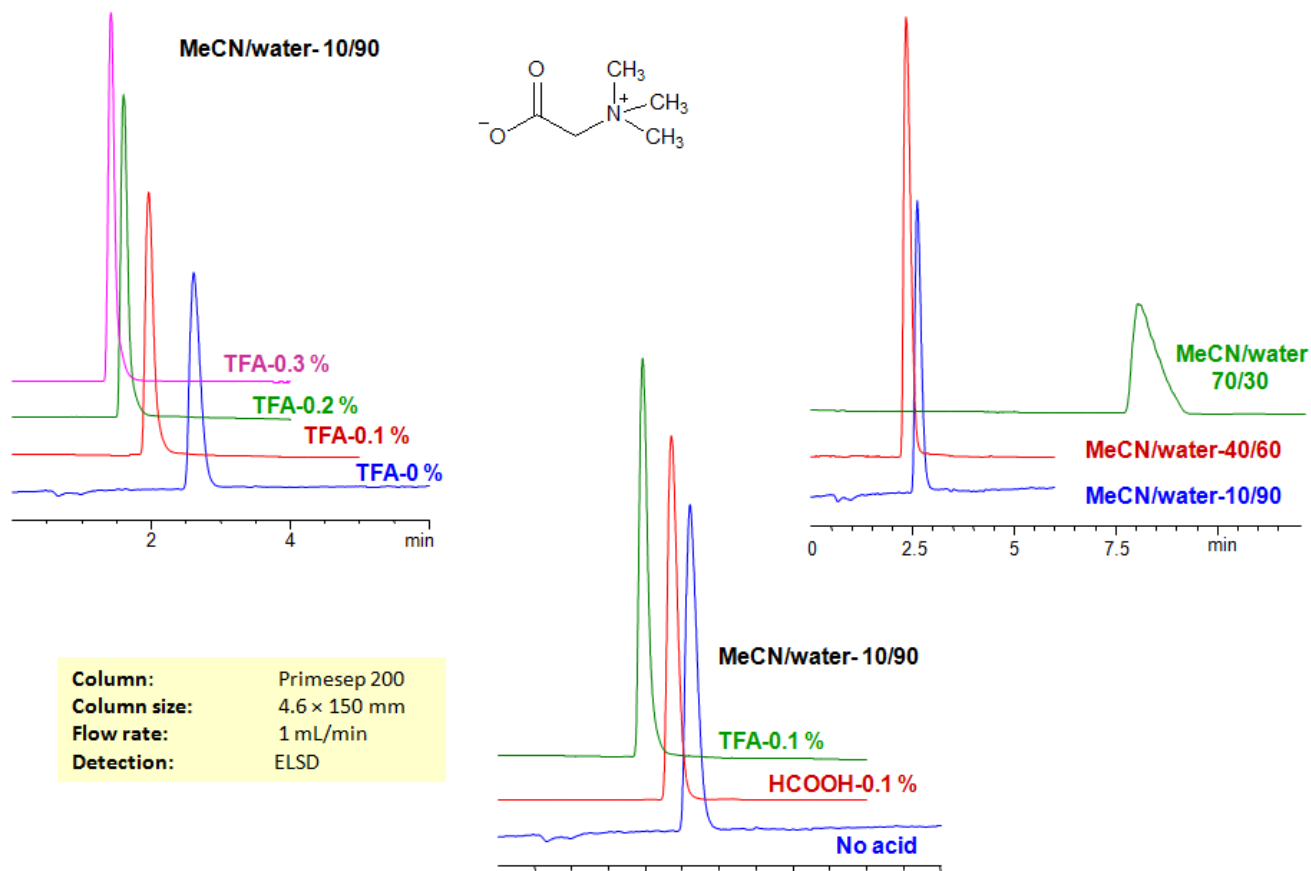


Retention Characteristics of Betaine in Mixed-Mode HPLC

<https://sielc.com/Application-Retention-Characteristics-of-Betaine-in-Mixed-Mode-HPLC>

Chromatogram



HPLC Application: Retention Characteristics of Betaine in Mixed-Mode HPLC

Description

The retention of the zwitterion betaine on Primesep 200 demonstrates the tunability of Primesep columns. Retention of betaine is altered by acid type, amount of acid in the mobile phase, and the amount of organic solvent. Typical reversed-phase columns do not show this tunability with simple mass spec compatible mobile phases of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with evaporative light scattering detection (ELSD).