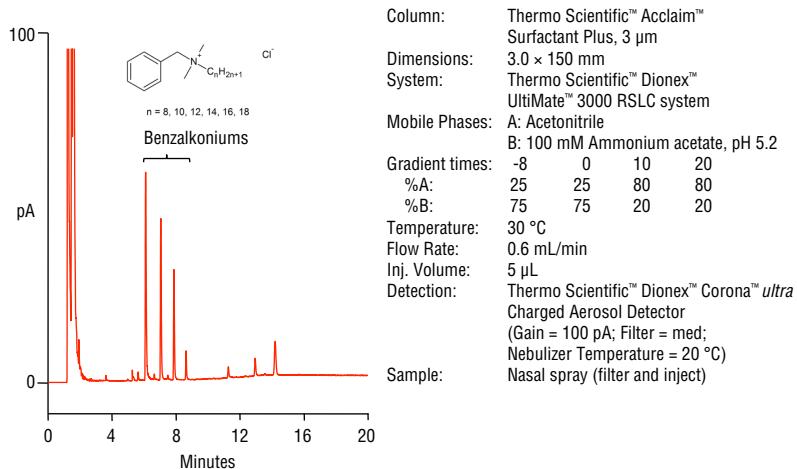


Benzalkonium in Nasal Spray Using Acclaim Surfactant Plus with Charged Aerosol Detection



PB20629_E 10/12S

The Acclaim Surfactant Plus column is designed specifically for surfactant analysis. It provides ideal selectivity for separating different surfactant types with a single injection, low column bleed, excellent stability, and shorter analysis time. In particular, it is the column of choice when it comes to cationic surfactant analysis, providing excellent resolution and symmetrical peaks for surfactants of this class. Benzalkonium cationic surfactants are widely used as antimicrobial agents. They are formulated into cleaners, disinfectants, pharmaceuticals, and cosmetics. Nasal sprays often use benzalkonium as a preservative. Shown here is the profile of a nasal spray obtained on an Acclaim Surfactant Plus column, with good resolution of the major benzalkonium homologs and excellent peak shape.