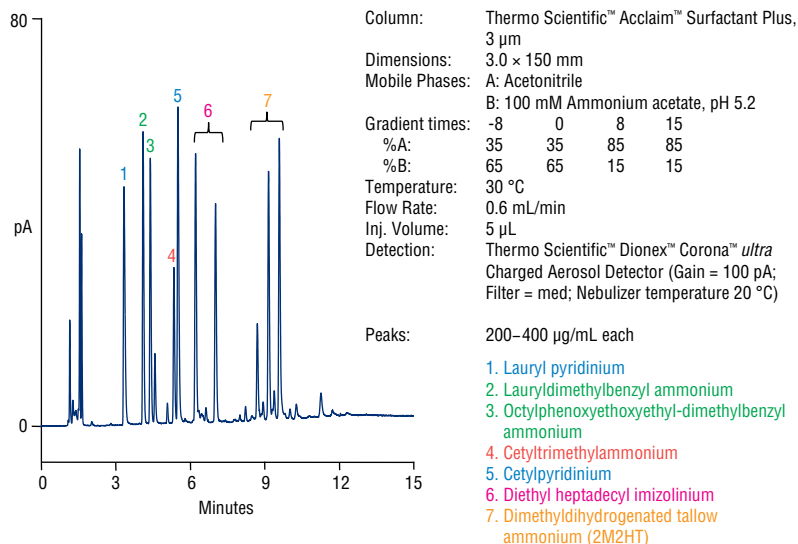


Separation of Cationic Surfactants Using Acclaim Surfactant Plus



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Cationic surfactants are used for a wide variety of specialized products including cleaners, disinfectants, preservatives, fabric softeners, ion-pair HPLC, and industrial processes. They are difficult to analyze on silica-based HPLC columns because they tend to elute as very broad, asymmetrical peaks due to their undesired ionic interactions with the surface silanol groups. 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 designed to give excellent peak shapes for cationic surfactants. As shown here, various types of cationic surfactants may be separated on the Acclaim Surfactant Plus with good resolution and excellent peak shapes.