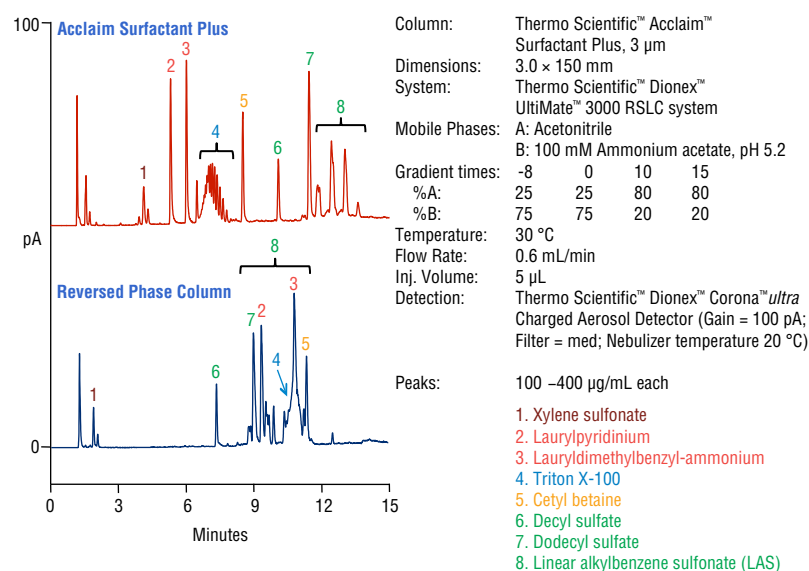


Comparison of Acclaim Surfactant Plus vs C18 for Simultaneous Separation of Cationic, Nonionic, Amphoteric and Anionic Surfactants



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The Acclaim Surfactant Plus column, based on novel mixed mode chromatography technology and advanced surface chemistry, provides both reversed-phase and anion-exchange retention mechanisms. The column chemistry is designed in such way that surfactant classes elute in the order of cationic, nonionic, amphoteric and anionic surfactants. The above chromatogram shows the Acclaim Surfactant Plus provides ideal selectivity for simultaneous separation of anionic, nonionic, cationic and amphoteric surfactants, whereas a C18 column fails to resolve these analytes under the same conditions because it cannot readily resolve analytes with similar hydrophobicity.