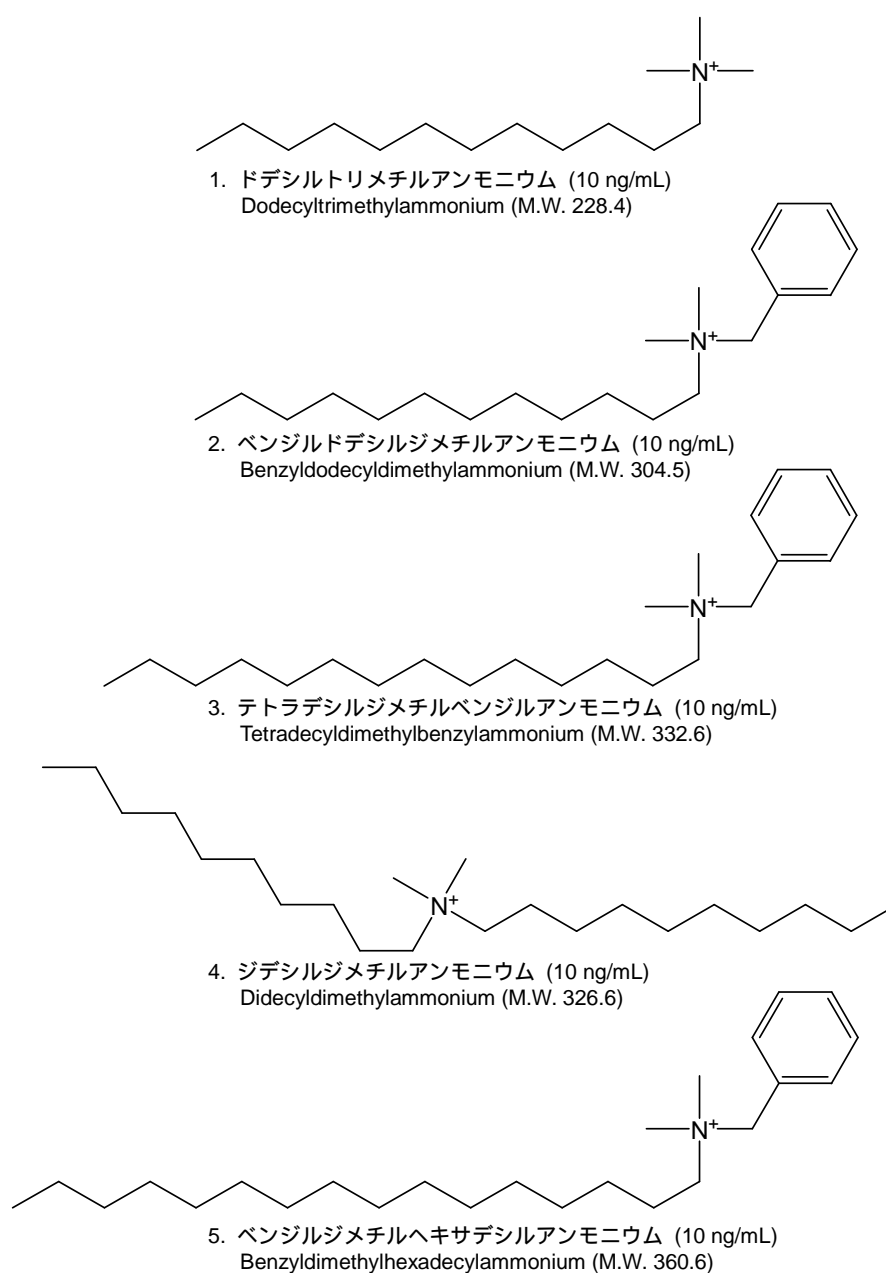


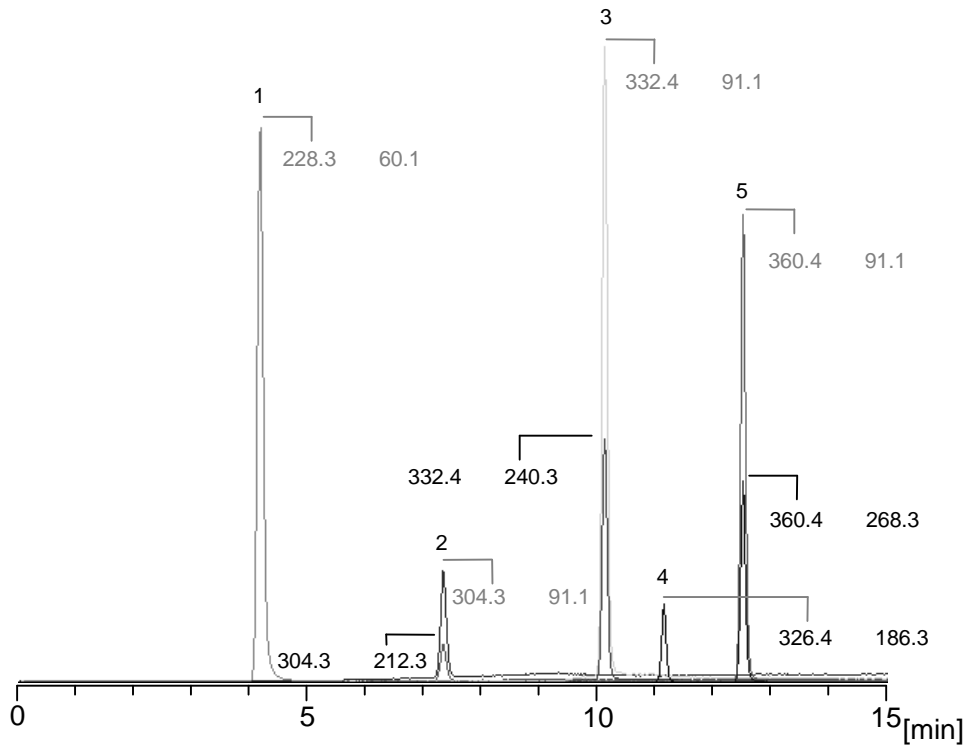
カチオン性界面活性剤

Cationic surfactants

カチオン性界面活性剤 5 種をグラジエント条件下で分析した例を示します。カラムは CAPCELL PAK C₁₈ MGIII S5 (2.0 mm i.d. x 150 mm) を用いました。良好なピーク形状で十分な分離が得られました。

Five cationic surfactants were separated under the gradient conditions with CAPCELL PAK C₁₈ MGIII S5 (2.0 mm i.d. x 150 mm). Good peak shapes and separation were obtained among the compounds.





[HPLC Conditions]

Column : CAPCELL PAK C₁₈ MGIII S5 ; 2.0 mm i.d. x 150 mm
 Mobile phase : A) 50 mmol/L HCOONH₄ , 0.1 vol% HCOOH
 B) CH₃CN
 B 60 % (0 min) 60 % (3 min) 90 % (10 min)
 90 % (13 min) 60 % (13.1 min) Gradient
 Flow rate : 200 µL/min
 Temperature : 35 °C
 Detection : MS/MS (SRM : Selected Reaction Monitoring)
 Ionization : ESI Positive
 Inj. vol. : 1 µL
 Sample dissolved in : Mobile phase
 1 µg/mL = 1 ppm