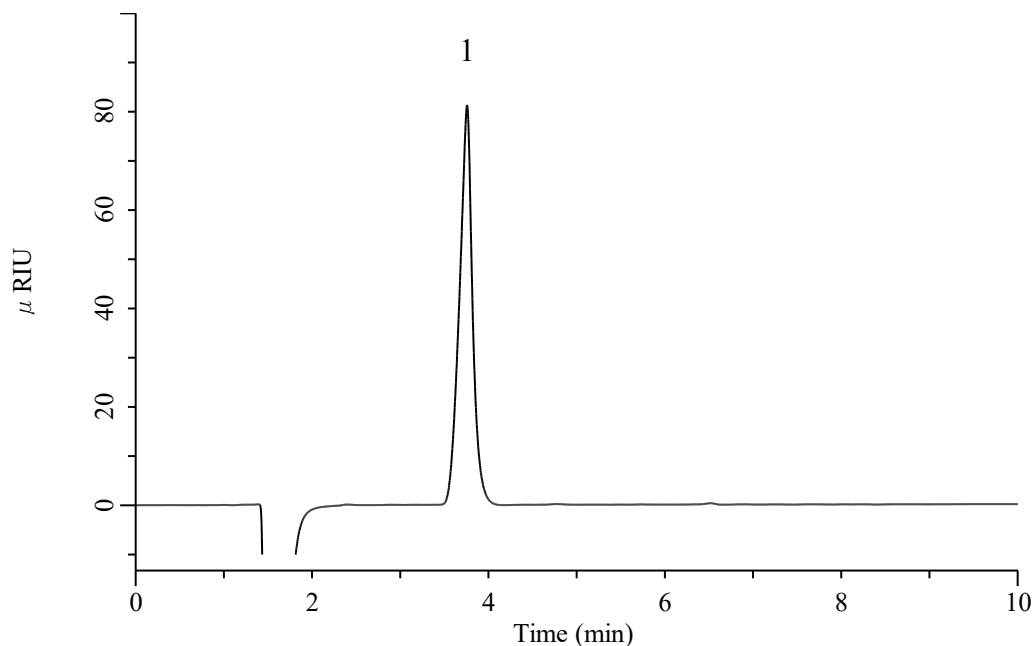


Analysis of Sodium Dodecyl Sulfate (Sodium lauryl sulfate)



Conditions

System : Chromaster PLUS (HITACHI)
Column : InertSustain C18 (GL Sciences Inc.)
 (5 μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃CN
 B) 1 M NaClO₄ in H₂O
 A/B=60/40, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : RI
Injection Vol. : 10 μL
Sample : Standard in CH₃CN/H₂O= 50/50, v/v

Analyte:

1. Sodium Dodecyl Sulfate 8.0 mg/mL

Tailing factor : 0.95

RSD of
the peak area (%)(n=6) : 0.40