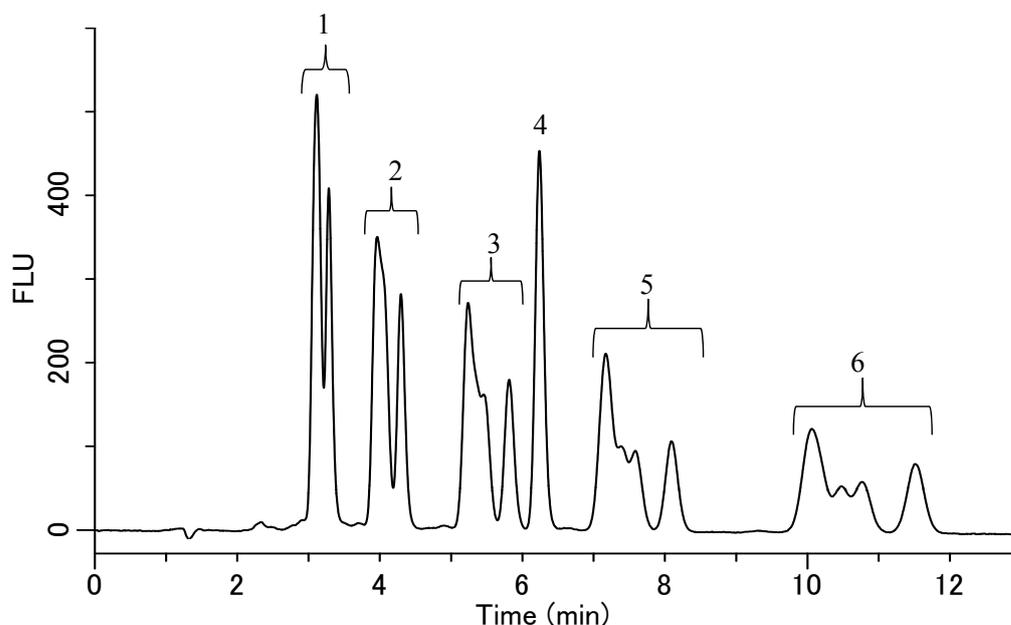


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Inertsil® Applications

Analysis of Alkylbenzene sulfonate (Inertsil ODS-3)

Data No. LB053-0142



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-3 (5 µm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01771
Eluent : 0.1 M NaClO₄ in (CH₃CN/H₂O = 65/35), v/v (isocratic)
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : FL Ex 221 nm Em 284 nm (GL-7453A FL Detector)
Injection Vol. : 10 µL
Sample : Standards

Analyte:

1. Sodium Decylbenzenesulfonate (C10) (1 mg/L)
2. Sodium Undecylbenzenesulfonate (C11) (1 mg/L)
3. Sodium Dodecylbenzenesulfonate (C12) (1 mg/L)
4. Toluene (1 mg/L)
5. Sodium Tridecylbenzenesulfonate (C13) (1 mg/L)
6. Sodium Tetradecylbenzenesulfonate (C14) (1 mg/L)