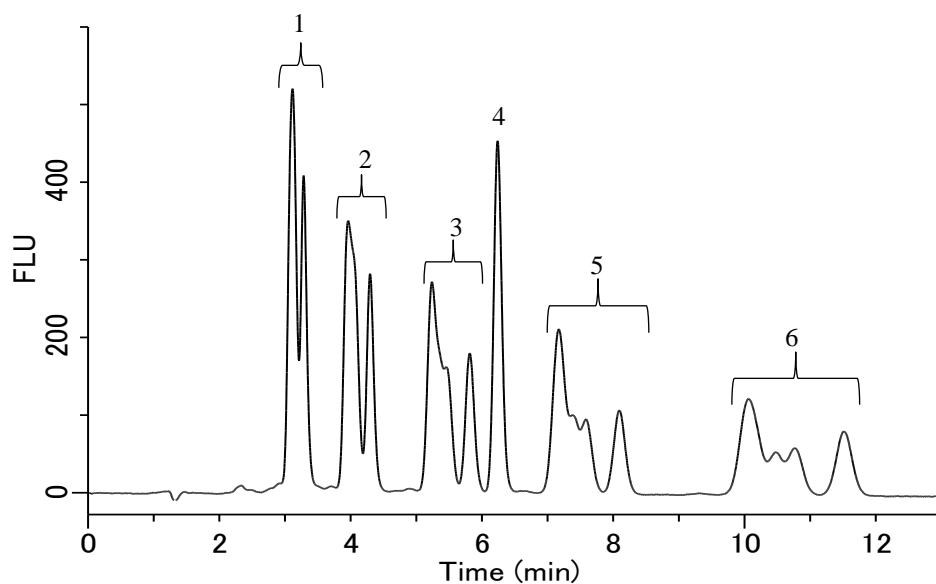


Analysis of Alkylbenzene sulfonate (Inertsil ODS-3)



Conditions

System	: GL-7400 HPLC system
Column	: Inertsil ODS-3 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No.	: 5020-01771
Eluent	: 0.1 M NaClO ₄ in (CH ₃ CN/H ₂ O = 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 μ L
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)