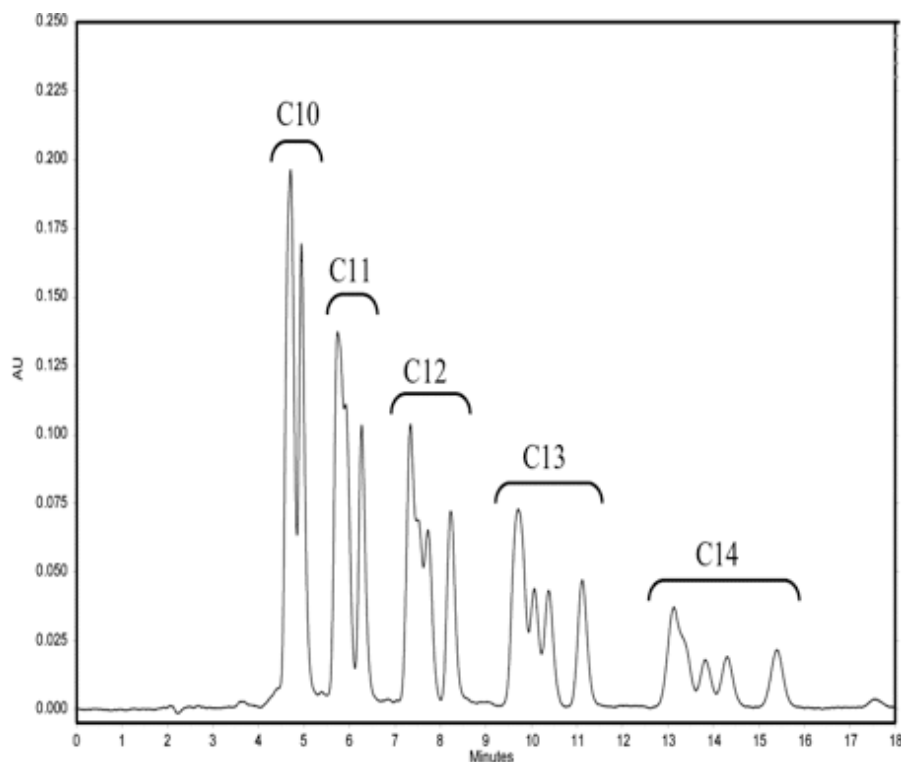


Analysis of alkylbenzene sulfonate

Data No. LA338-0000



Column : Inertsil ODS-3
5 μ m
250 \times 4.6mm I.D.

Column Cat. No. :

Eluent :: A) CH₃CN, 0.1 M NaClO₄ B) H₂O A/B = 65/35

Flow rate : 1.0mL/min

Col. Temp. : 40°C

Detection : UV 254 nm FL Ex 221 nm Em 284 nm (GL-7453 FL Detector)

Injection Vol. : 20 μ L

Sample :

Solutes

1. Sodium Decylbenzenesulfonate
C₁₀H₂₁C₆H₄SO₂Na (2.0 mg/L)
2. Sodium Undecylbenzenesulfonate
C₁₁H₂₃C₆H₄SO₂Na (2.0 mg/L)
3. Sodium Dodecylbenzenesulfonate
C₁₂H₂₅C₆H₄SO₂Na (2.0 mg/L)
4. Sodium Tridecylbenzenesulfonate
C₁₃H₂₇C₆H₄SO₂Na (2.0 mg/L)
5. Sodium Tetradecylbenzenesulfonate
C₁₄H₂₉C₆H₄SO₂Na (2.0 mg/L)