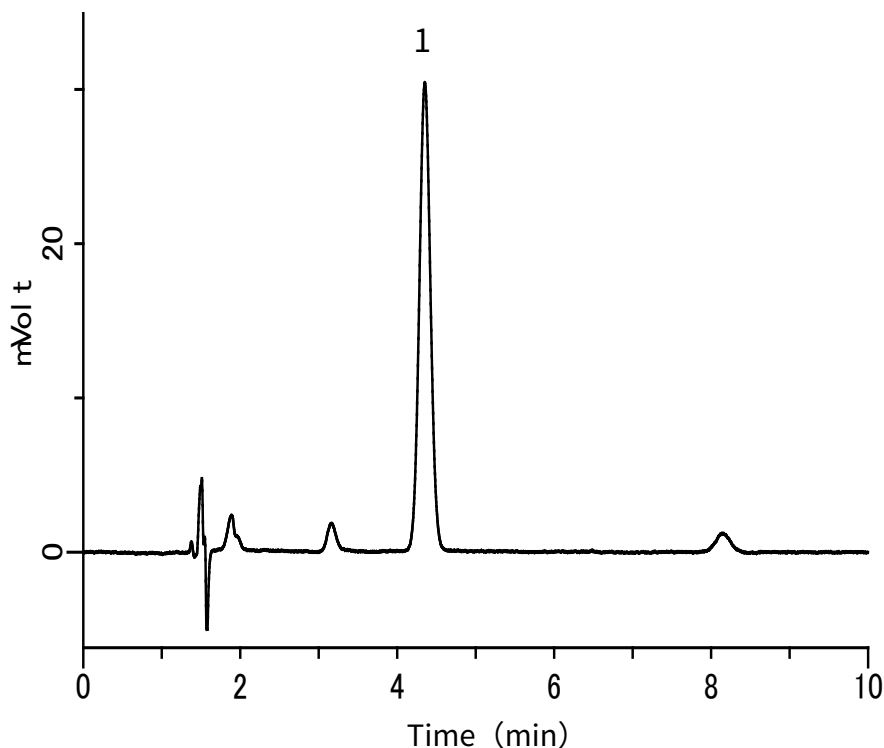


InertSearch™ for LC

Inertsil® Applications

Analysis of Non-ionic surfactant (Detected by Pre-Column complexation with Co-PAR)

Data No. LA973-0142



Conditions

System : LC800 HPLC system
Column : InertSustain C18 (5μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃OH
 B) 10 mM Na₂B₄O₇
 A/B = 38/62, v/v

Flow rate : 1.0 mL/min

Col. Temp. : 40 °C

Detection : UV 510 nm (LC800 UV Detector)

Injection Vol. : 20 μL

Sample : Heptaoxyethylene dodecyl ether (cobalt-4-(2-pyridylazo) resorcinol complex)

Analyte:

1. Heptaoxyethylene dodecyl ether [Deriv.]
0.02 mg/L