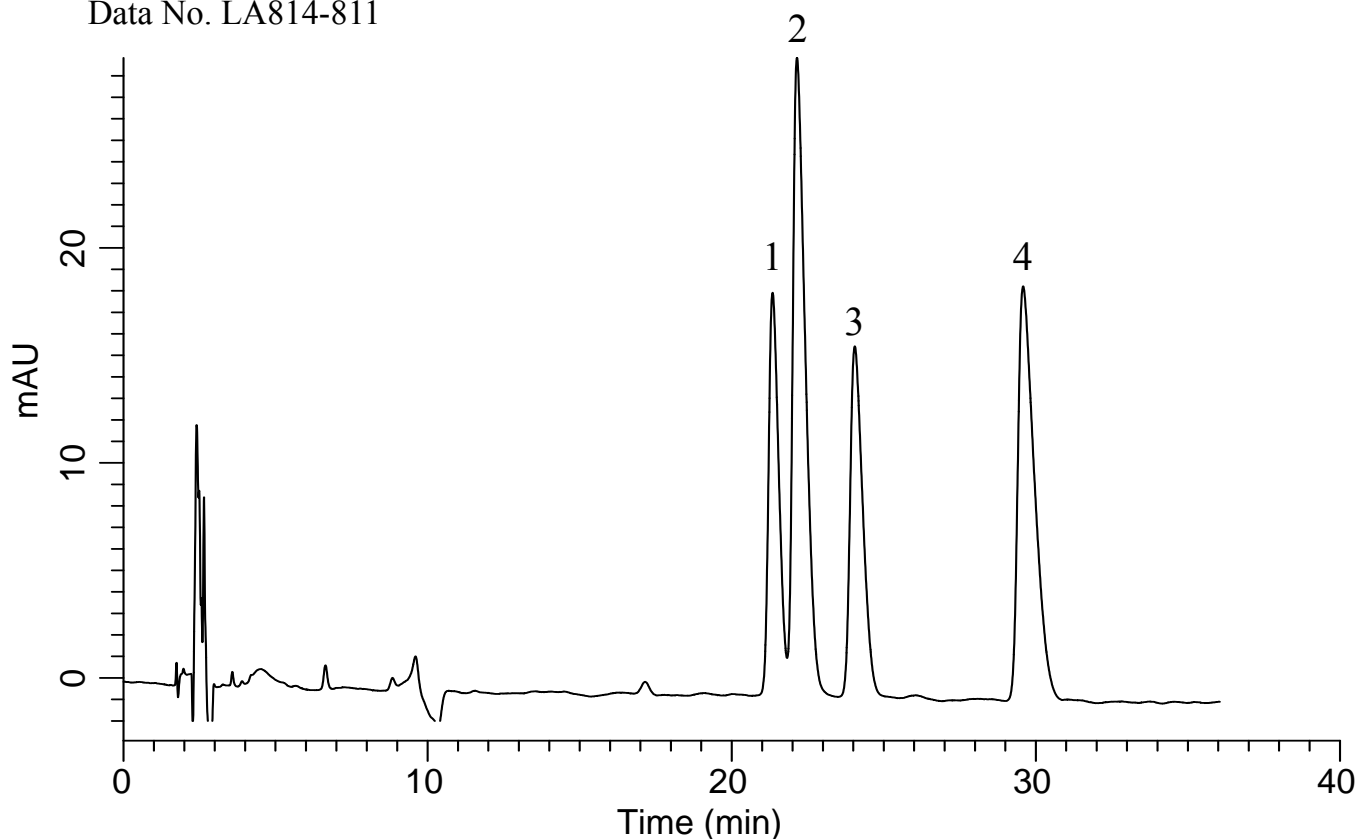


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acids (C5)

Data No. LA814-811



Conditions

System : GL-7400 HPLC system
Column : Inertsil C4 (5 µm, 250 x 4.6 mm I.D)
Column Cat. No. : 5020-01404
Eluent : A) 2-Propanol
B) 10 mM KH₂PO₄ (pH 2.5, H₃PO₄)
A/B = 5/95, v/v
Flow Rate : 1.5 mL/min
Col. Temp. : 30 °C
Detection : UV 210 nm (GL-7450 UV Detector)
Injection Vol. : 20 µL
Sample : Organic acids (C5)

Analyte :

1. *iso*-Butyric acid (1000 mg/L)
2. 2,2-Dimethyl butyric acid (1000 mg/L)
3. *n*-Butyric acid (1000 mg/L)
4. Pivalic acid (1000 mg/L)