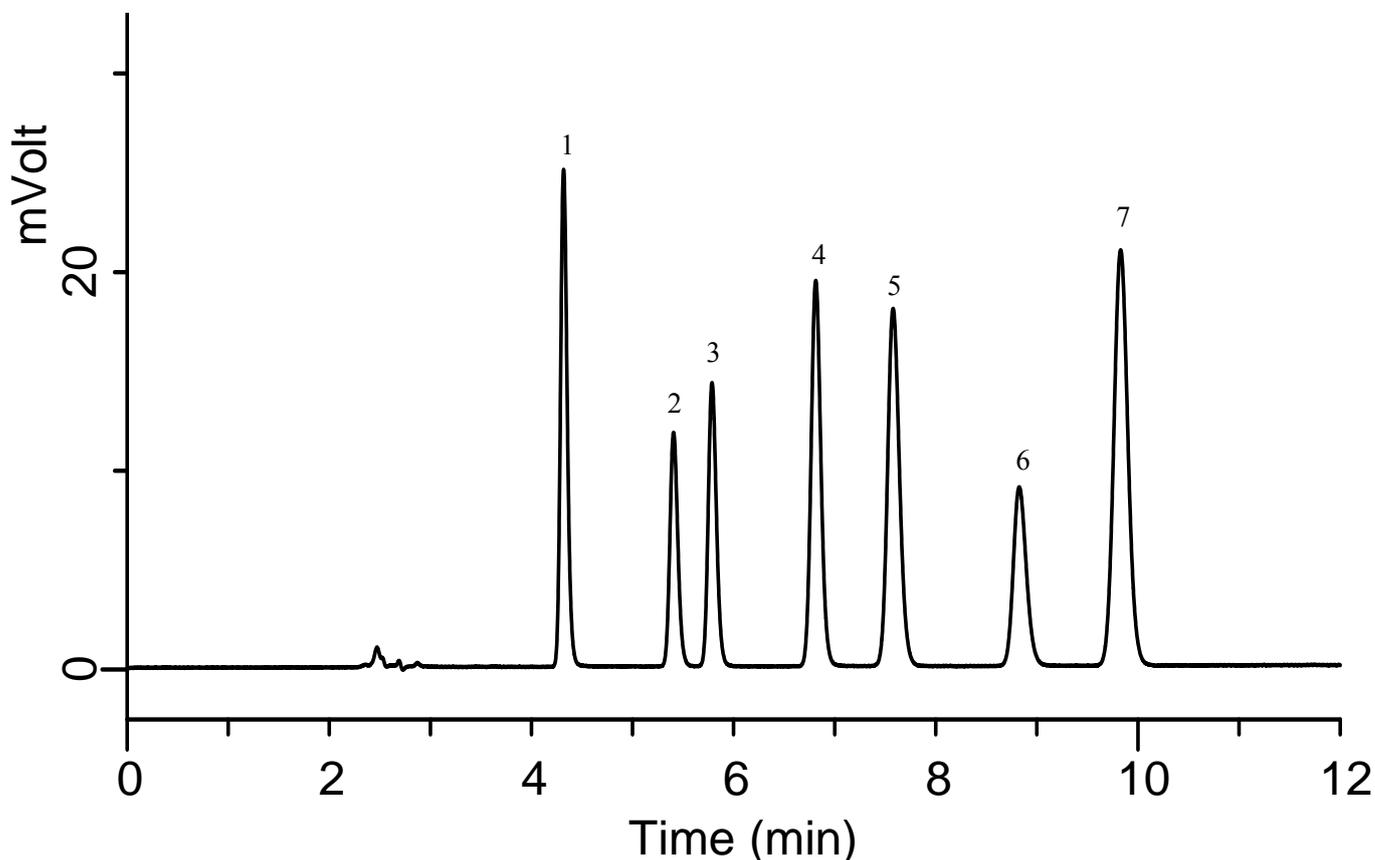


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acids

Data No. LA850-0735



Conditions

System : LC800 HPLC system
Column : Inertsil ODS-4 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-03946
Eluent : 20 mM NH₄H₂PO₄ (pH 2.0, H₃PO₄)
Flow Rate : 1 mL/min
Col. Temp. : UV 210 nm (LC800 UV Detector, 10 mm UV cell)
Detection : 40 °C
Injection Vol. : 5 μ L
Sample : Organic acids

Analyte:

1. Malic acid (500 mg/L)
2. Lactic acid (500 mg/L)
3. Acetic acid (500 mg/L)
4. Maleic acid (5 mg/L)
5. Citric acid (500 mg/L)
6. Succinic acid (500 mg/L)
7. Fumaric acid (5 mg/L)