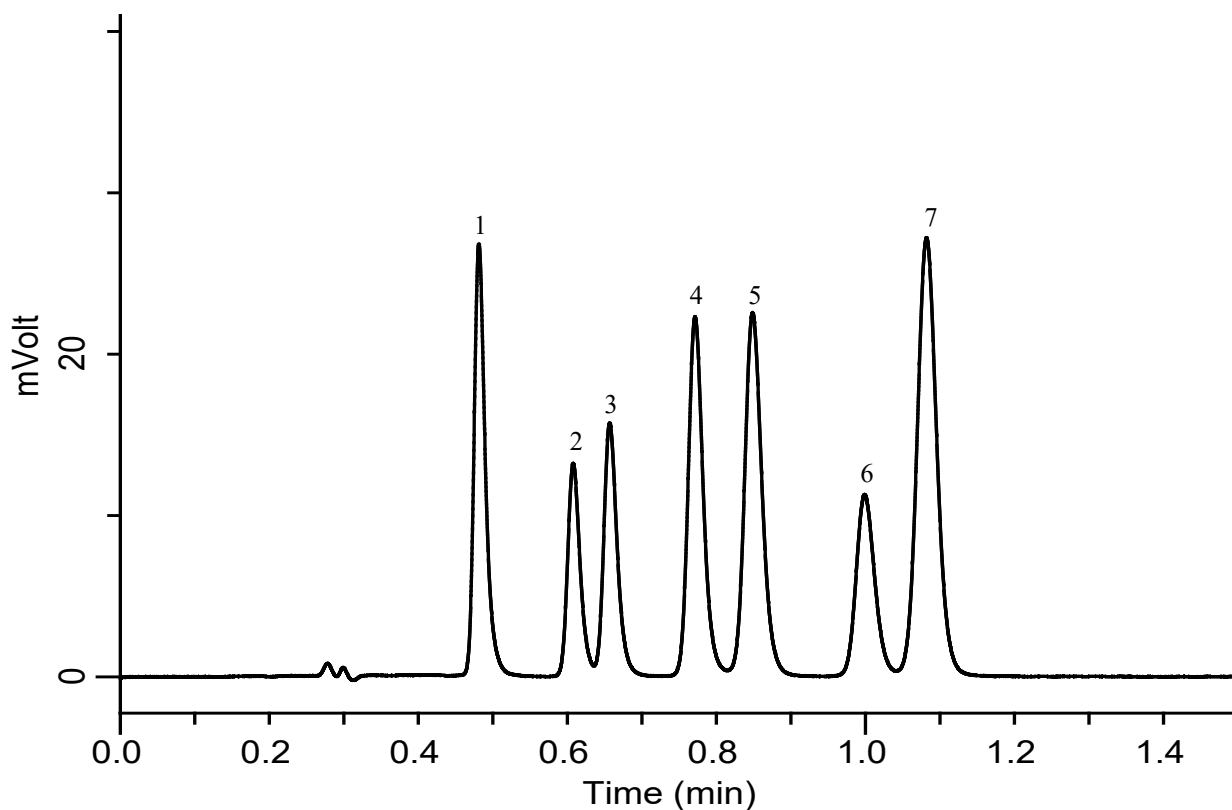


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acids (1.2 min)

Data No. LA852-0735



Conditions

System : LC800 HPLC system
Column : Inertsil ODS-4 (2 μ m, 50 x 3.0 mm I.D.)
Column Cat. No. : 5020-81212
Eluent : 20 mM NH₄H₂PO₄ (pH 2.0, H₃PO₄)
Flow Rate : 0.8 mL/min
Col. Temp. : UV 210 nm (10 mm UV cell)
Detection : 40 °C
Injection Vol. : 1 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)