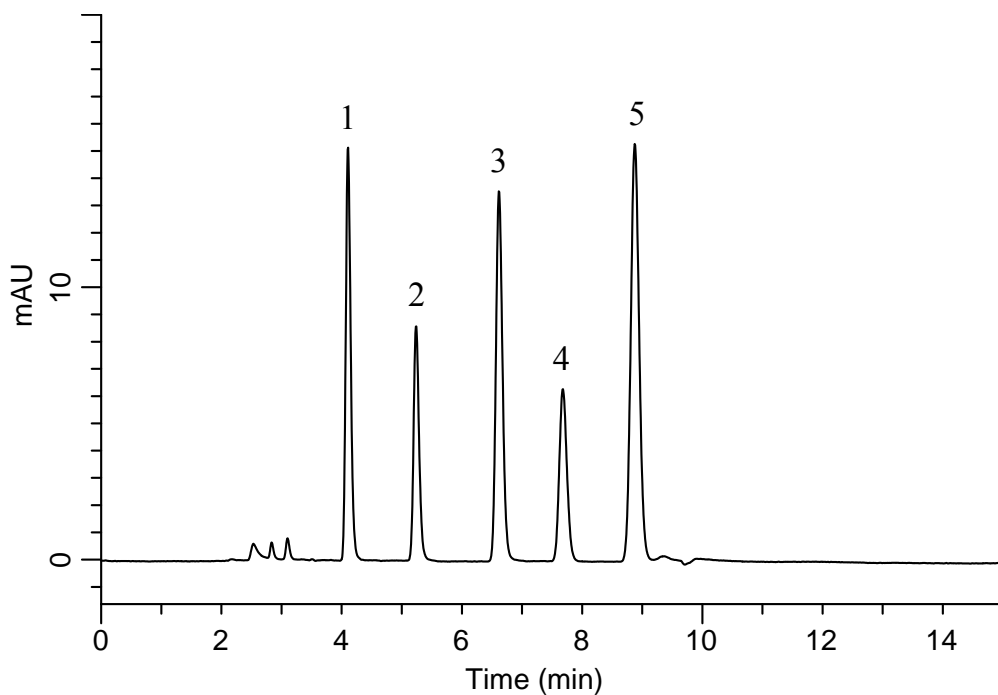


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acids

Data No. LB110-0919



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
(5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-03946
Eluent : A) CH₃OH
B) 0.1 % H₃PO₄ in H₂O
A/B = 2/98, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 214 nm (GL-7452 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

| | | |
|----|---------------|----------|
| 1. | Malic acid | 100 mg/L |
| 2. | Acetic acid | 100 mg/L |
| 3. | Maleic acid | 1 mg/L |
| 4. | Succinic acid | 100 mg/L |
| 5. | Fumaric acid | 1 mg/L |