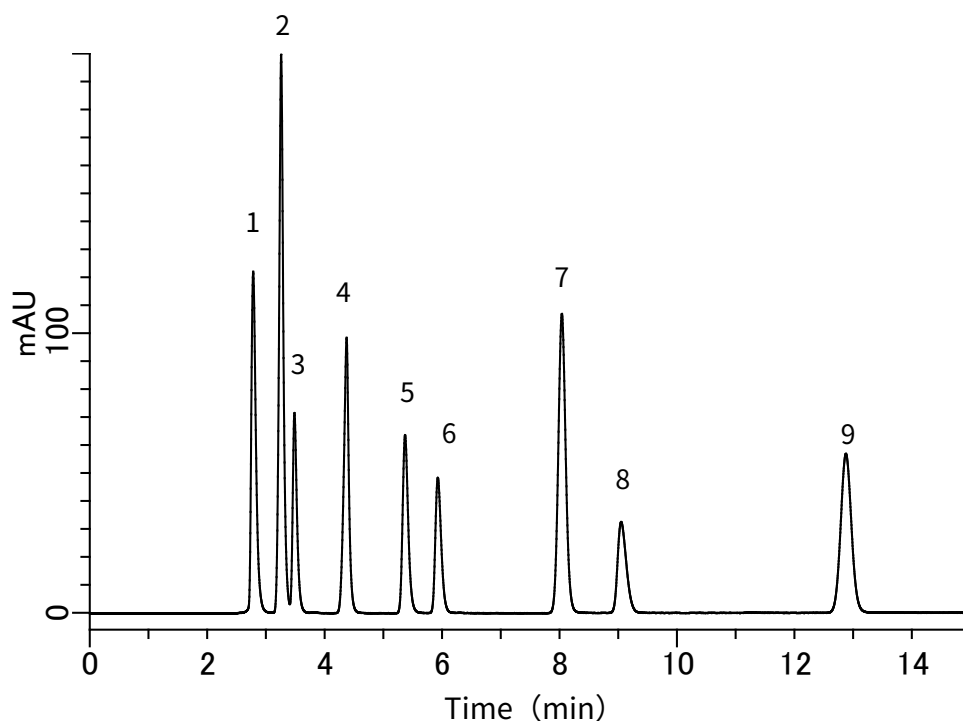


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acid

Data No. LA675-0811



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 : 10 mM $\text{NH}_4\text{H}_2\text{PO}_4$ (pH 2.6, H_3PO_4)
Flow Rate : 1.0 mL/min
Col. Temp. : 40 $^\circ\text{C}$
Detection : UV 210 nm (GL-7450 UV Detector)
Injection Vol. : 10 μL

Analyte:

1. Oxalic acid	(100 mg/L)
2. Tartaric acid	(1000 mg/L)
3. Glycolic acid	(1000 mg/L)
4. Malonic acid	(1000 mg/L)
5. Lactic acid	(1000 mg/L)
6. Acetic acid	(1000 mg/L)
7. Fumric acid	(10 mg/L)
8. Succinic acid	(1000 mg/L)
9. Acrylic acid	(100 mg/L)