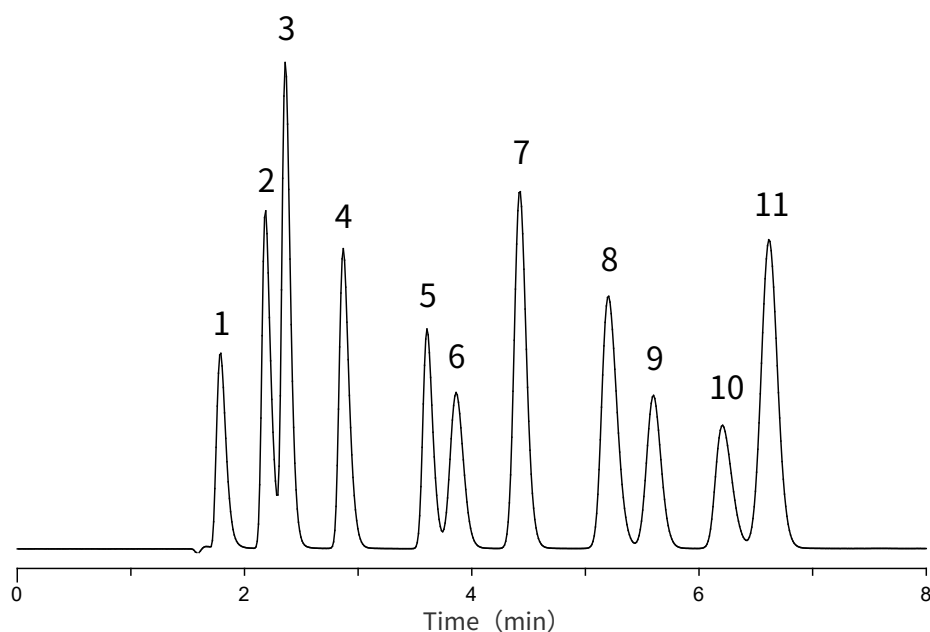


InertSearch™ for LC

Inertsil® Applications

Analysis of Organic acid

Data No. LB363-0848



Conditions

System : GL7700 HPLC system
Column : InertSustain AQ-C18
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89730
Eluent : 50 mM NaH₂PO₄ in H₂O (pH 2.1, H₃PO₄)
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Oxalic acid	50 mg/L
2. Tartaric acid	500 mg/L
3. Formic acid	1000 mg/L
4. Malic acid	1000 mg/L
5. Lactic acid	1000 mg/L
6. Acetic acid	1000 mg/L
7. Maleic acid	10 mg/L
8. Citric acid	1000 mg/L
9. Pyroglutamic acid	100 mg/L
10. Succinic acid	1000 mg/L
11. Fumaric acid	10 mg/L