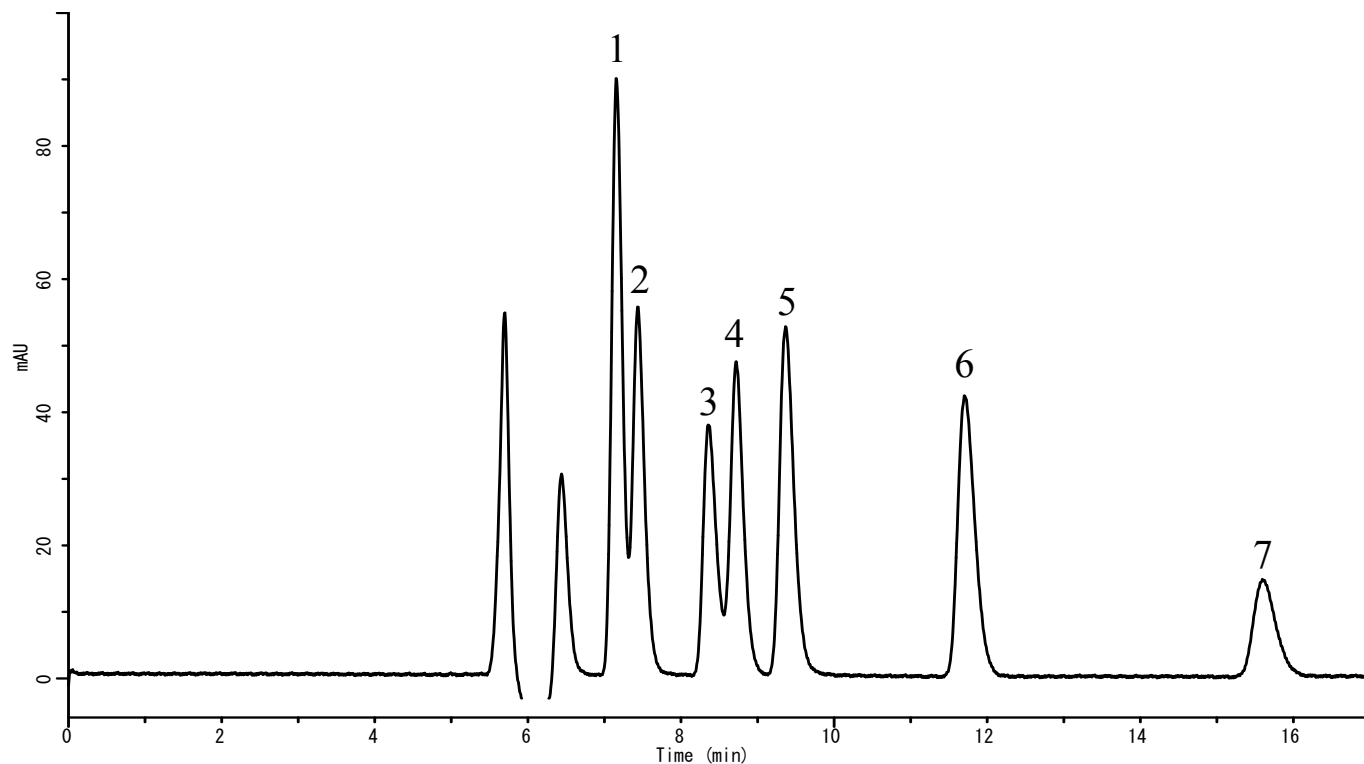


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Organic acids (Detected by Post-Column method with BTB)

Data No. LA813-811



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil Ph-3 (5 µm, 250 x 4.6 mm I.D)  
**Column Cat. No.** : 5020-01921  
**Eluent** : 3 mM HClO<sub>4</sub>  
**Flow Rate** : 0.5 mL/min  
**Col. Temp.** : 35 °C  
**Detection** : VIS 440 nm (GL-7450 UV Detector)  
**Injection Vol.** : 10 µL  
**Sample** : Organic acids

### Analyte :

1. Formic acid (1000 mg/L)  
2. Malic acid (1000 mg/L)  
3. Lactic acid (1000 mg/L)  
4. Citric acid (1000 mg/L)  
5. Acetic acid (1000 mg/L)  
6. Succinic acid (1000 mg/L)  
7. Pyroglutamic acid (1000 mg/L)