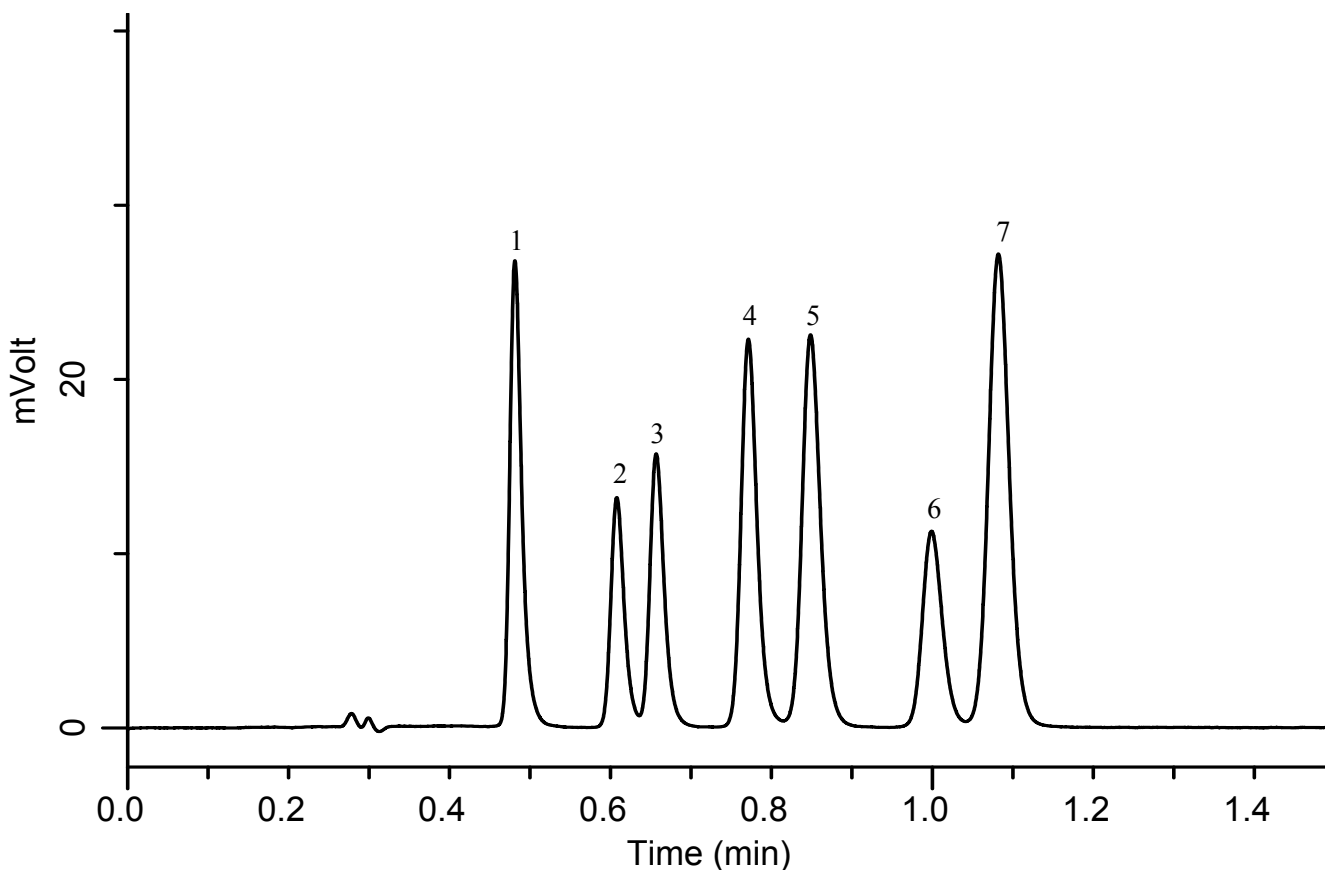


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Organic acids (1.2 min)

Data No. LA852-0735



### Conditions

**System** : LC800 HPLC system  
**Column** : Inertsil ODS-4 (2  $\mu$  m, 50 x 3.0 mm I.D.)  
**Column Cat. No.** : 5020-81212  
**Eluent** : 20 mM  $\text{NH}_4\text{HPO}_4$  (pH 2.0,  $\text{H}_3\text{PO}_4$ )  
**Flow Rate** : 0.8 mL/min  
**Col. Temp.** : UV 210 nm (10 mm UV cell)  
**Detection** : 40 °C  
**Injection Vol.** : 1  $\mu$ 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)