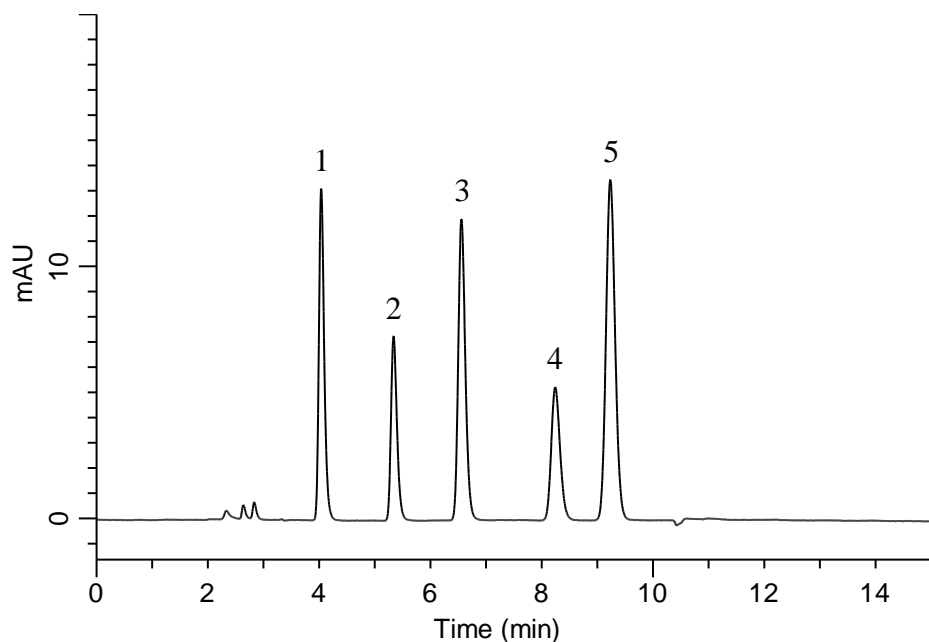


## Analysis of Organic acids



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18  
 (5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07346  
**Eluent** : A) CH<sub>3</sub>OH  
 B) 0.1 % H<sub>3</sub>PO<sub>4</sub> in H<sub>2</sub>O  
 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  $\mu$ 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