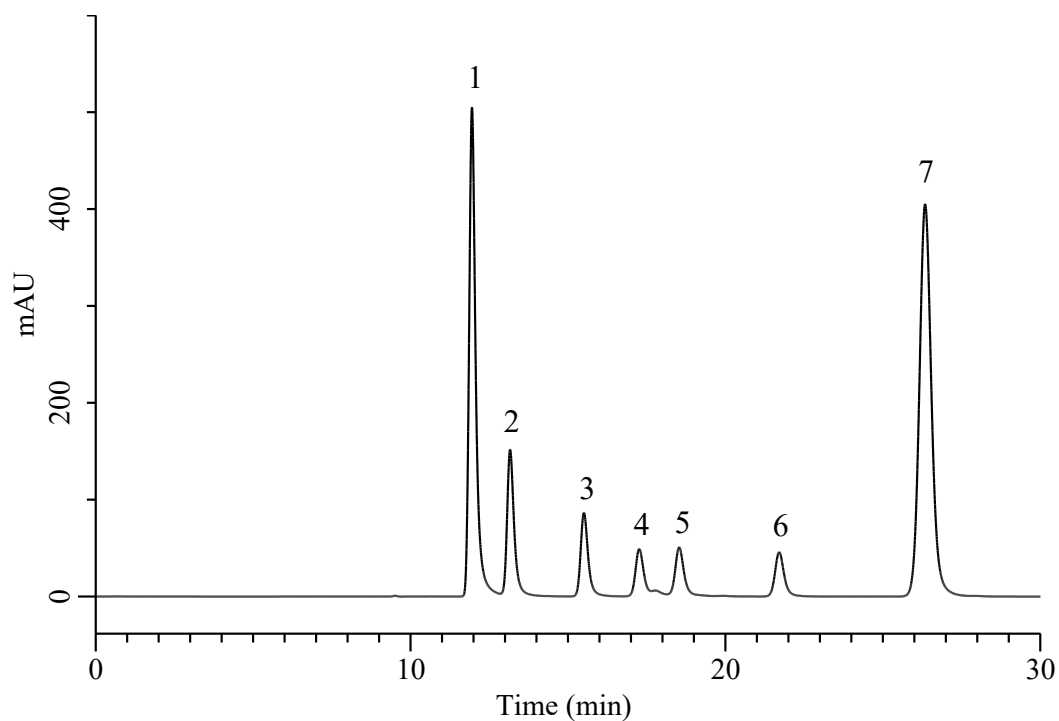


## Analysis of Organic acids



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : InertSphere FA-1 (GL Sciences Inc.)  
 (9  $\mu$  m, 300 x 7.8 mm I.D.) x2  
**Column Cat. No.** : 5020-87030  
**Eluent** : 50 mM HClO<sub>4</sub> in H<sub>2</sub>O  
**Flow Rate** : 1 mL/min  
**Col. Temp.** : 50 °C  
**Detection** : UV 210 nm  
**Injection Vol.** : 50  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Oxalic acid	250 mg/L
2. Tartaric acid	500 mg/L
3. Malonic acid	500 mg/L
4. Succinic acid	500 mg/L
5. Lactic acid	500 mg/L
6. Acetic acid	500 mg/L
7. Pyroglutamic acid	500 mg/L