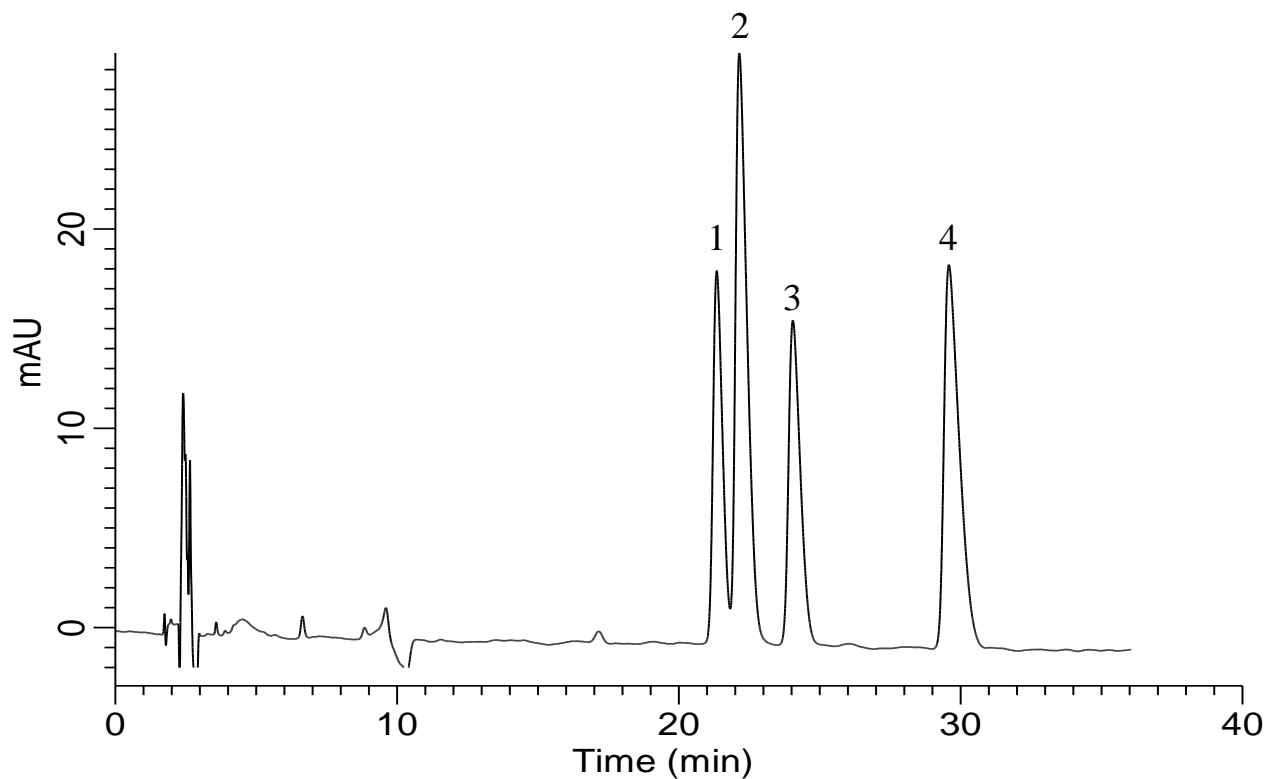


## Analysis of Organic acids (C5)



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil C4 (5  $\mu$ m, 250 x 4.6 mm I.D)  
**Column Cat. No.** : 5020-01404  
**Eluent** : A) 2-Propanol  
           B) 10 mM  $\text{KH}_2\text{PO}_4$  (pH 2.5,  $\text{H}_3\text{PO}_4$ )  
           A/B = 5/95, v/v  
**Flow Rate** : 1.5 mL/min  
**Col. Temp.** : 30  $^\circ\text{C}$   
**Detection** : UV 210 nm (GL-7450 UV Detector)  
**Injection Vol.** : 20  $\mu\text{L}$   
**Sample** : Organic acids (C5)

### Analyte :

1. <i>iso</i> -Butyric acid	(1000 mg/L)
2. 2,2-Dimethyl butyric acid	(1000 mg/L)
3. <i>n</i> -Butyric acid	(1000 mg/L)
4. Pivalic acid	(1000 mg/L)