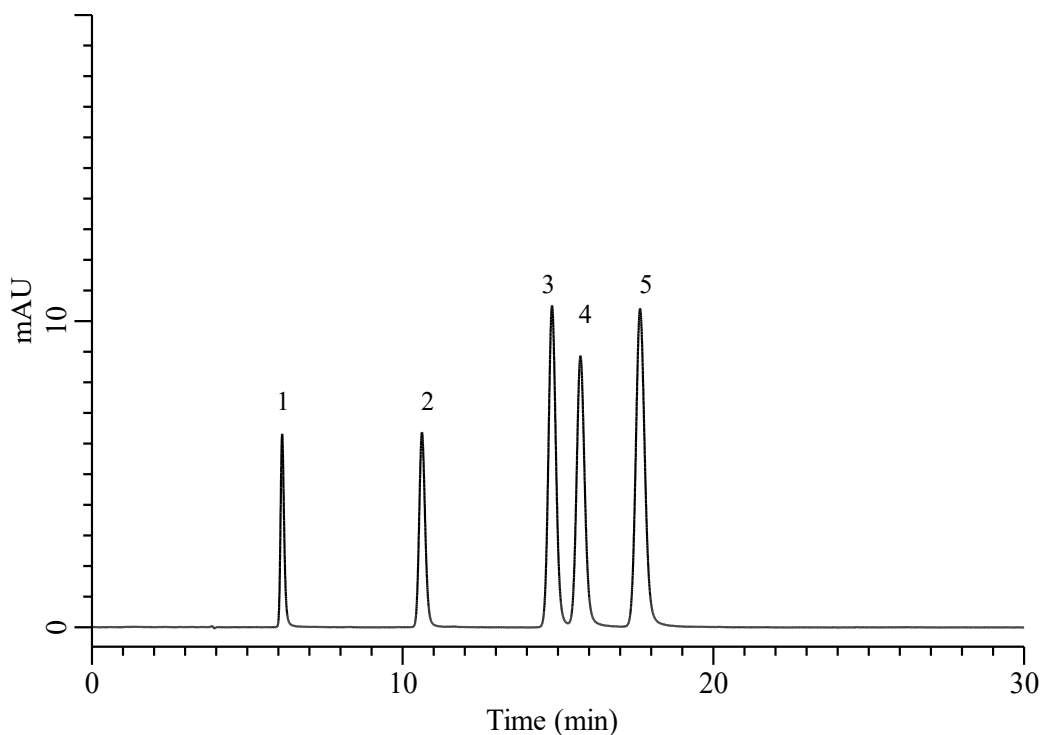


## Analysis of Methylpyrazines



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : InertSustain C18 (GL Sciences Inc.)  
 (5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07346  
**Eluent** : A) 0.1 %  $\text{H}_3\text{PO}_4$  in  $\text{CH}_3\text{CN}$   
 B) 0.1 %  $\text{H}_3\text{PO}_4$  in  $\text{H}_2\text{O}$   
 A/B = 10/90, v/v (Mixed by a gradient mixer)  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40  $^\circ\text{C}$   
**Detection** : UV 275 nm  
**Injection Vol.** : 5  $\mu\text{L}$   
**Sample** : Standard

### Analyte:

1. Pyrazine
2. Tetramethylpyrazine
3. 2,3-dimethylpyrazine
4. 2,6-dimethylpyrazine
5. 2,5-dimethylpyrazine  
each 10 mg/L