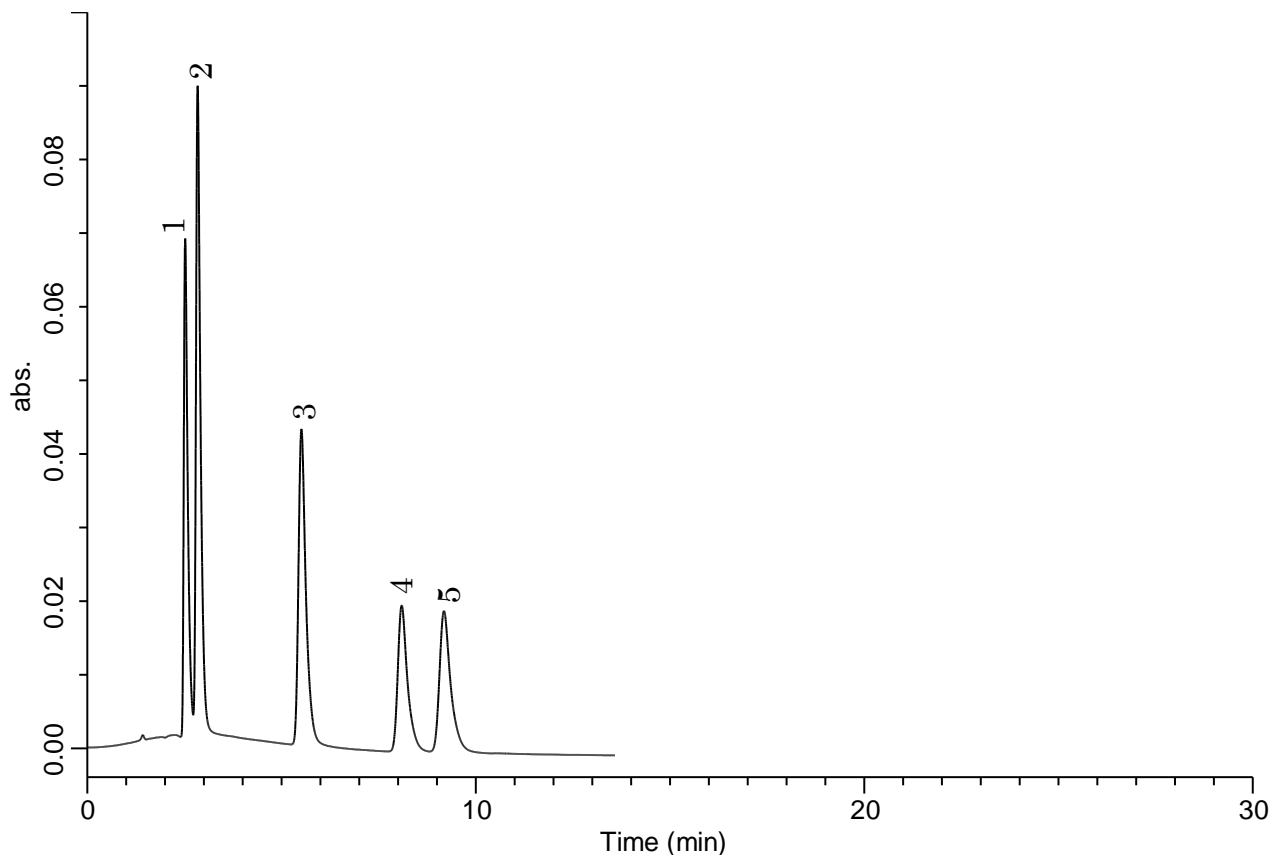


## Analysis of nucleotide



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil NH2 (5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-05545  
**Eluent** : A) CH<sub>3</sub>CN  
           : B) 20 mM KH<sub>2</sub>PO<sub>4</sub> (pH 2.03, H<sub>3</sub>PO<sub>4</sub>)  
           : A/B = 10/90, v/v  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 260 nm (GL-7450 UV Detector)  
**Injection Vol.** : 10  $\mu$ L  
**Sample** : nucleotide

### Analyte:

1. 5'-CMP (40 mg/L)  
 2. 5'-AMP (40 mg/L)  
 3. 5'-UMP (40 mg/L)  
 4. 5'-GMP (40 mg/L)  
 5. 5'-IMP (40 mg/L)