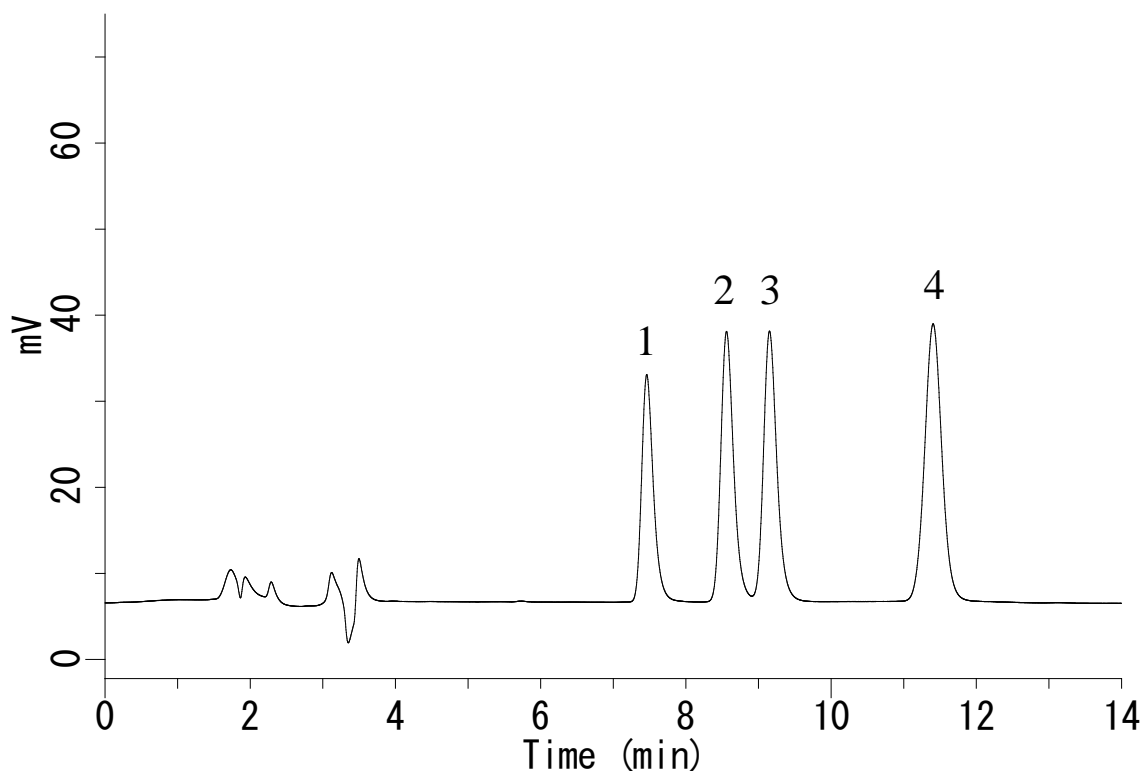


## Analysis of Catecholamines



### Conditions

**System** : LC700 HPLC system  
**Column** : Inertsil ODS-4 (5 $\mu$ m, 250 x 3.0 mm I.D.)  
**Column Cat. No.** : 5020-03926  
**Eluent** : A) CH<sub>3</sub>CN  
           B) 20 mM Sodium acetate + 20 mM citric acid  
               + 1 g/L IPCC-08 in water  
               (IPCC-08 : Sodium 1-Octane sulfonate)  
               A/B = 16/100, v/v (Premix)  
**Flow rate** : 0.5 mL/min  
**Col. Temp.** : 35°C  
**Detection** : ECD 800 mV vs. Ag/AgCl (ED703 ECDetector , Diamond)  
**Injection Vol.** : 20  $\mu$ L  
**Sample** : Catecholamines

### Analyte:

1. Norepinephrine	(100 $\mu$ g/L)
2. Epinephrine	(100 $\mu$ g/L)
3. 3,4-Dihydroxybenzylamine	(100 $\mu$ g/L)
4. Dopamine	(100 $\mu$ g/L)