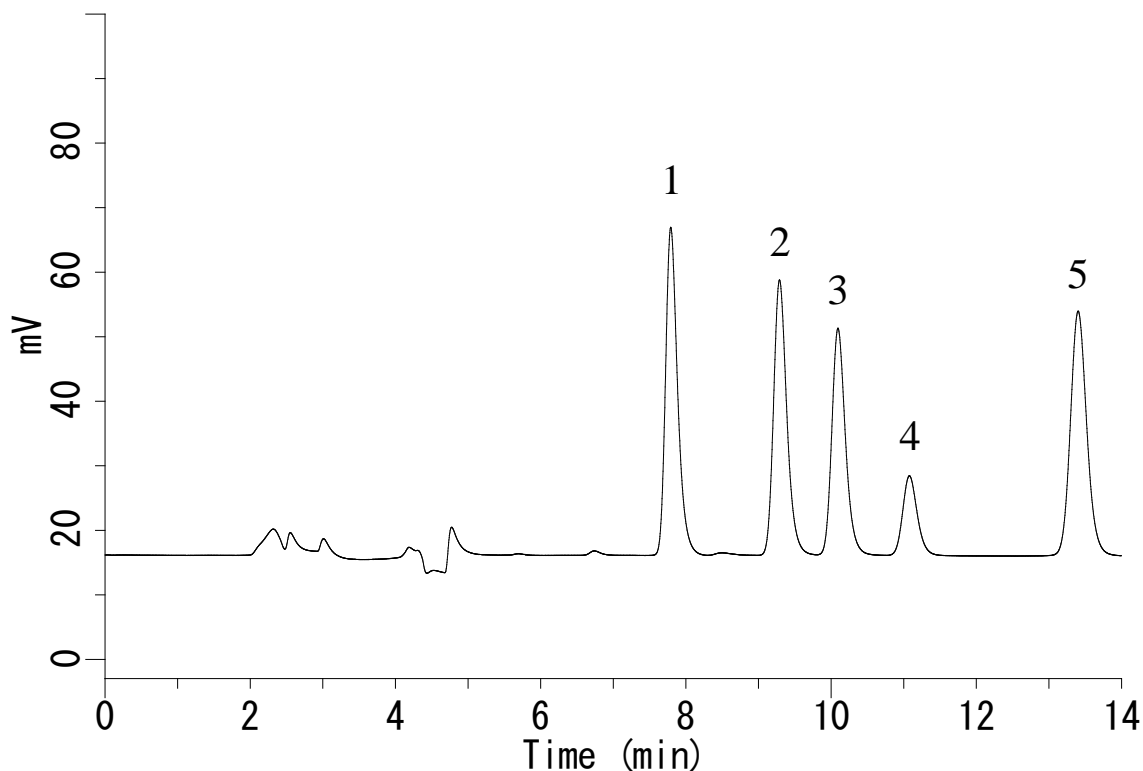


Analysis of Catecholamines



Conditions

System : LC700 HPLC system
Column : Inertsil ODS-4 (5 μ m, 250 x 3.0 mm I.D.)
Column Cat. No. : 5020-03926
Eluent : A) CH₃CN
 : B) 20 mM Sodium acetate + 20 mM citric acid
 + 0.5 g/L IPCC-07 in water
 (IPCC-07 : Sodium 1-Heptane sulfonate)
 A/B = 10/100, v/v (Premix)

Flow rate : 0.4 mL/min

Col. Temp. : 35 °C

Detection : ECD 1000 mV vs. Ag/AgCl (ED703 ECDetector , Diamond)

Injection Vol. : 20 μ L

Sample : Catecholamines

Analyte:

1. Norepinephrine	(100 μ g/L)
2. Epinephrine	(100 μ g/L)
3. 3,4-Dihydroxybenzylamine	(100 μ g/L)
4. 3,4-Dihydroxyphenylacetic acid	(100 μ g/L)
5. Dopamine	(100 μ g/L)