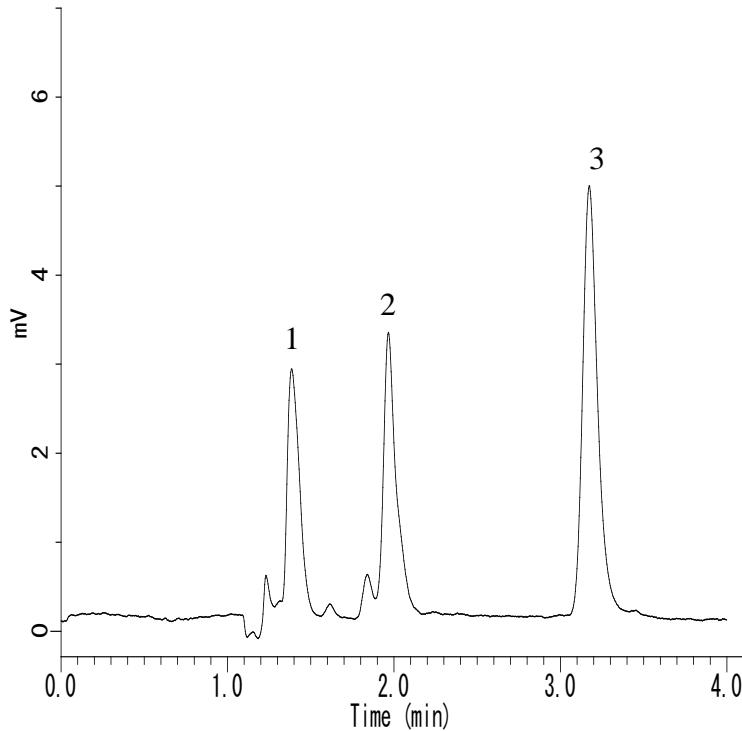


Analysis of Rivoflavins



Conditions

System : LC800 HPLC system
 + LIF 727
Column : Inertsil ODS-4 HP (3 μ m, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020- 14002
Eluent : A) CH₃OH
 B) 20 mM NaH₂PO₄ (pH 5.5, 0.1N NaOH)
 A/B = 35/65, v/v(premix)
Flow Rate : 0.3 mL/min
Col. Temp. : 40 °C
Detection : LIF727 (Ex 473 nm Em 500-600 nm)
Injection Vol. : 5 μ L
Sample : Standard

Analyte :

1. Flavinadenine dinucleotide (FAD) (10 μ g/L)
 2. Riboflavin 5'-Monophosphate(FMN) (2.5 μ g/L)
 3. Riboflavin (RF) (2.5 μ g/L)