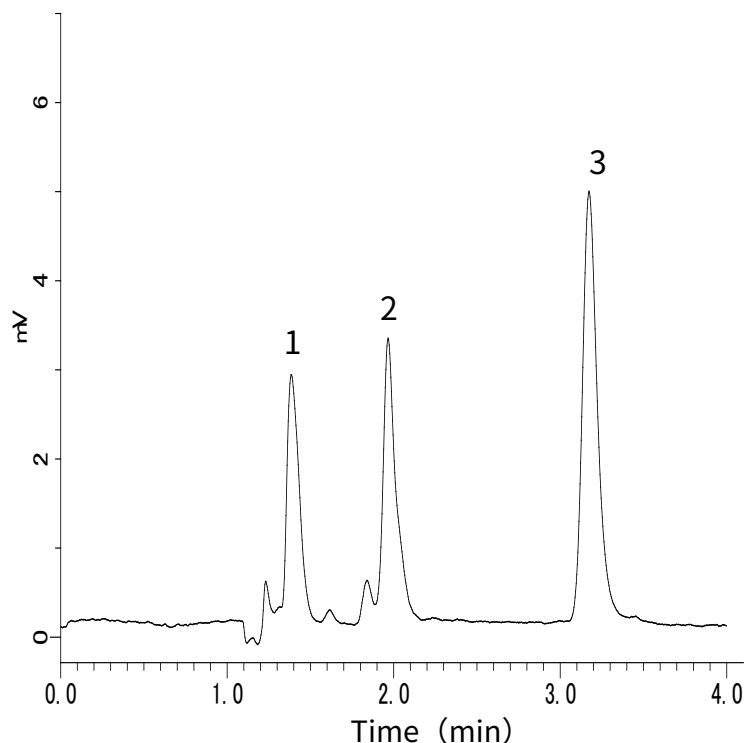


InertSearch™ for LC

Inertsil® Applications

Analysis of Rivoflavins

Data No. LA979-811



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)