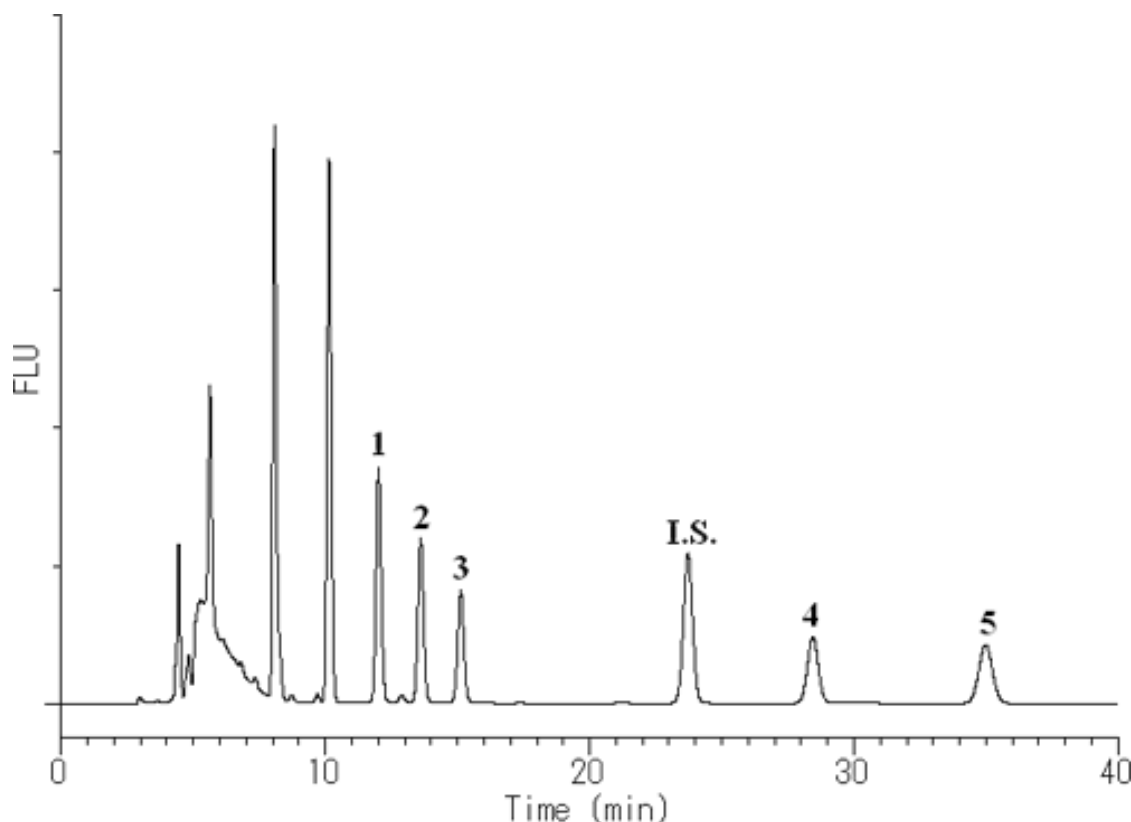


## Analysis of nonvolatile putrefactive amines (prelabel derivatization by Dansyl Chloride)

Data No. LA586-0696



System : GL-7400 system

Column : Inertsil ODS-SP (5  $\mu$ m, 250  $\times$  4.6 mm I.D.)

Column Cat. No.:

Eluent : A) CH<sub>3</sub>CN

B) H<sub>2</sub>O

A/B = 65/35, v/v

Flow rate : 1.0 mL/min

Col. Temp. : 40 °C

Detection : FL Ex 325 nm Em 525 nm (GL-7453A FL detector)

Injection Vol. : 10  $\mu$ L

Sample : amines derivetized with Dansyl Chloride

Solutes : 1. Putrescine ( 5.0 mg/L)

2. Cadaverine ( 5.0 mg/L)

3. Histamine ( 100 mg/L)

I.S. 1,8-Diaminooctane ( 10 mg/L)

4. Tyramine ( 25 mg/L)

5. Spermidine (fluorescently-Derivatized)  
( 5.0 mg/L)