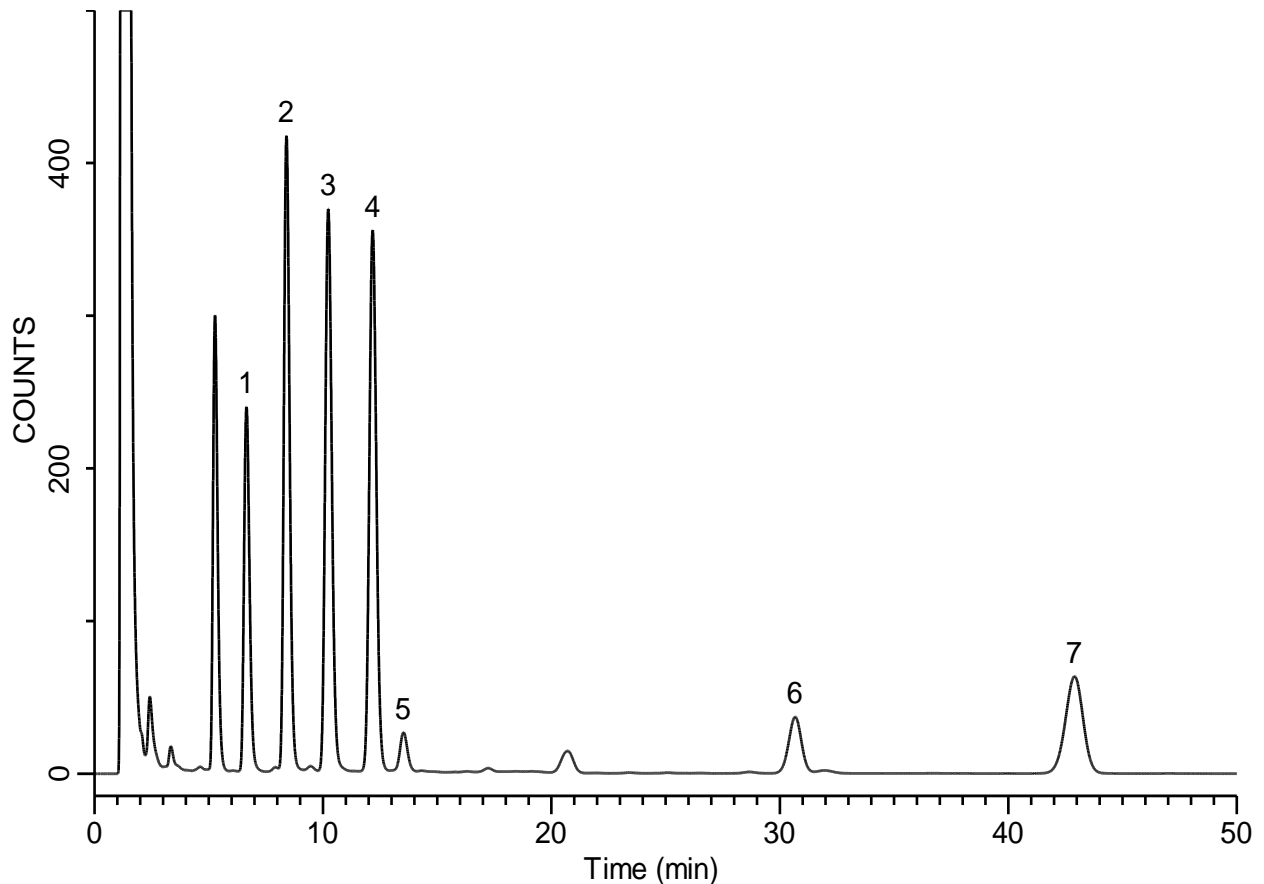


Analysis of nonvolatile amines (prelabel derivatization by Dansyl Chloride)



Conditions

System	: Primaide HPLC system (HITACHI)
Column	: InertSustain C18 (GL Sciences Inc.) (3 μ m, 150 x 2.1 mm I.D.)
Column Cat. No.	: 5020-07415
Eluent	: A) CH ₃ CN B) H ₂ O A/B = 60/40, v/v
Flow Rate	: 0.3 mL/min
Col. Temp.	: 40 °C
Detection	: FL Ex 325 nm, Em 525 nm (PMT Super Low)
Injection Vol.	: 10 μ L
Sample	: Nonvolatile amines derivatization with Dansyl Chloride

Analyte:

1. Tryptamine	5 μ g/mL
2. Phenethylamine	5 μ g/mL
3. Putrescine	5 μ g/mL
4. Cadaverine	5 μ g/mL
5. Histamine	10 μ g/mL
6. Tyramine	5 μ g/mL
7. Spermidine	5 μ g/mL