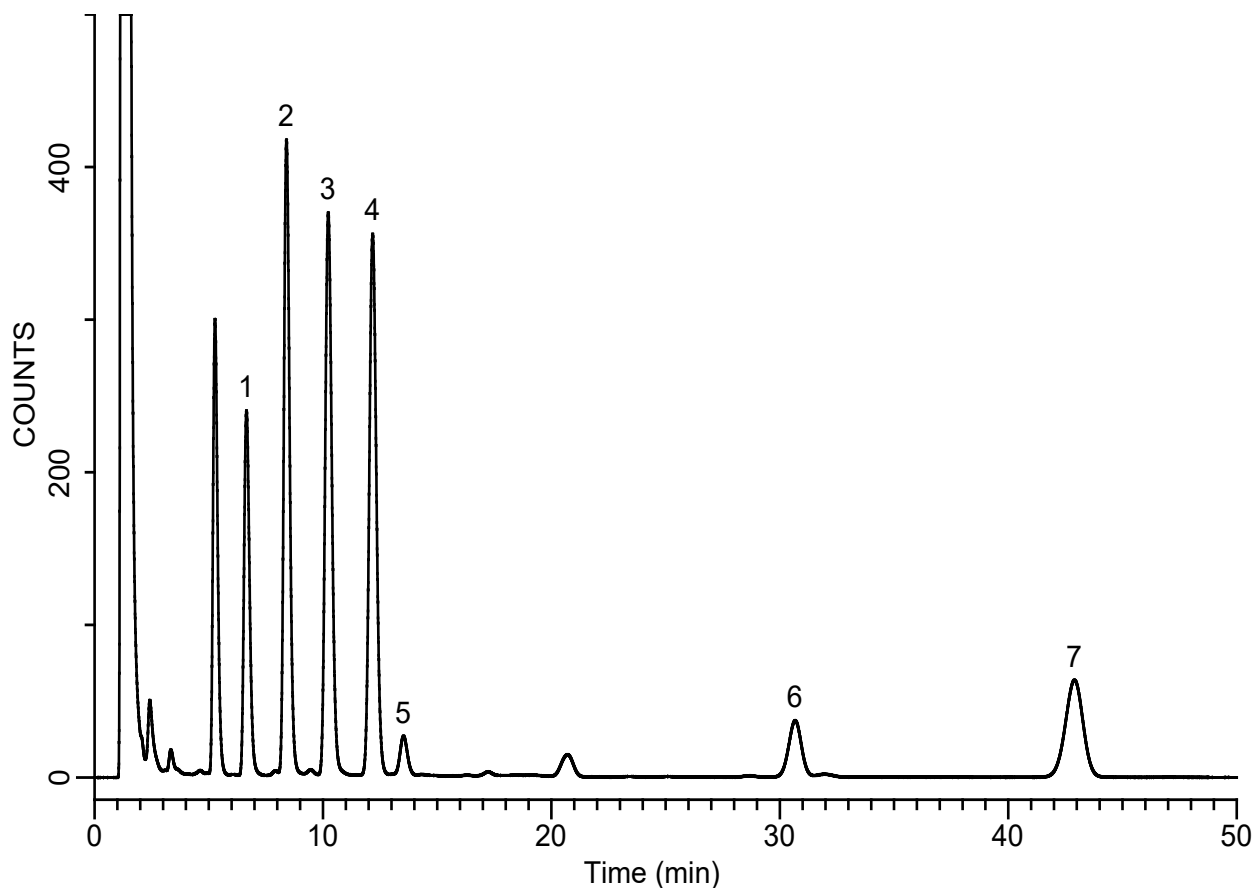


InertSearch for LC

Inertsil Applications

Analysis of nonvolatile amines (prelabel derivatization by Dansyl Chloride)

Data No. LB805-1030



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