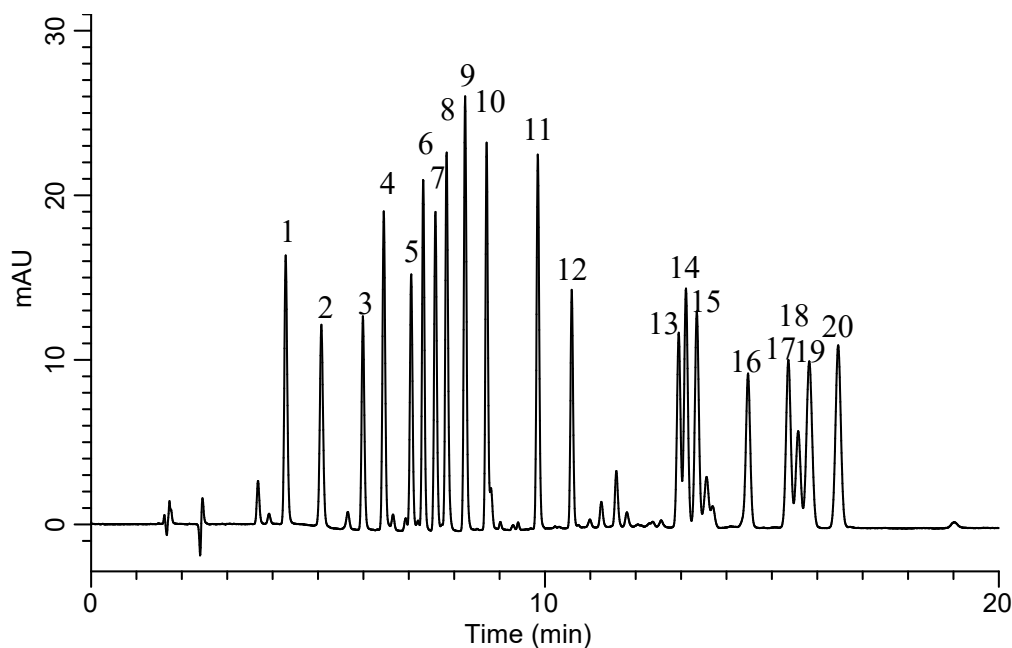


Analysis of PTH-Amino acids

Data No. LA803-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4 HP (3 μ m, 250 x 3.0 mm I.D.)
Column Cat. No. : 5020-14006
Eluent : A) CH₃CN
 B) 10 mM NH₄H₂PO₄ (pH 2.5, H₃PO₄)
 A/B = 20/80 – 7 min – 47/53 – 13 min – 47/53 , v/v
Flow rate : 0.6 mL/min
Col. Temp. : 50 °C
Detection : UV 254 nm (GL-7452A PDA Detector)
Injection Vol. : 2 μ L
Sample : PTH-amino acids

Solutes:

1.	Histidine	(His)	20 mg/L
2.	Cysteic acid	(-)	25 mg/L
3.	Arginine	(Arg)	20 mg/L
4.	Asparagine	(Asn)	20 mg/L
5.	Glutamine	(Gln)	20 mg/L
6.	Tyrosine	(Tyr)	20 mg/L
7.	Aspartic acid	(Asp)	20 mg/L
8.	Glutamic acid	(Glu)	25 mg/L
9.	Glycine	(Gly)	20 mg/L
10.	Threonine	(Thr)	20 mg/L
11.	Alanine	(Ala)	20 mg/L
12.	Serine	(Ser)	20 mg/L
13.	Methionine	(Met)	20 mg/L
14.	Valine	(Val)	20 mg/L
15.	Proline	(Pro)	20 mg/L
16.	Tryptophan	(Trp)	25 mg/L
17.	Phenylalanine	(Phe)	25 mg/L
18.	Lysine	(Lys)	10 mg/L
19.	Isoleucine	(Ile)	20 mg/L
20.	Leucine	(Leu)	25 mg/L