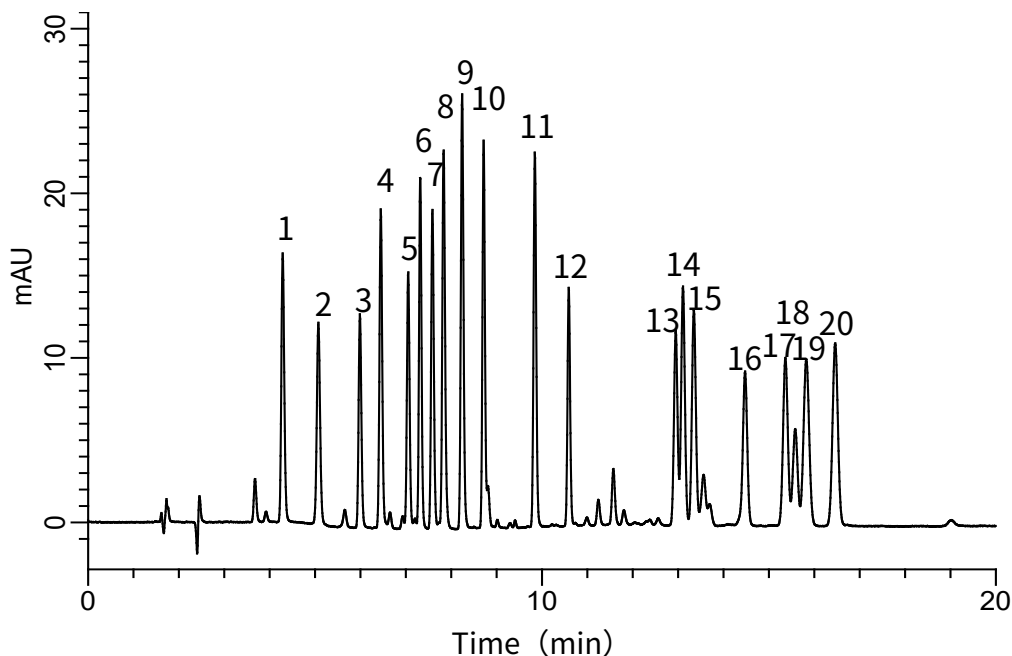


InertSearch™ for LC

Inertsil® Applications

Analysis of PTH-Amino acids

Data No. LA803-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4 HP (3μm, 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 μL
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