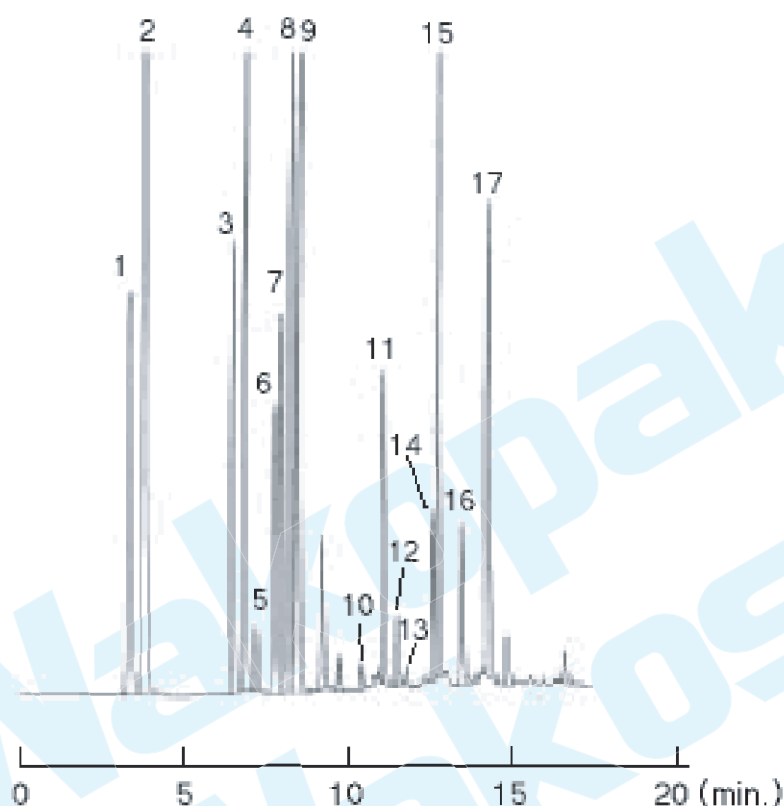


HPLC Application

Analysis of Amino acid of Bean Hydrolysate

Category: Acid



Sample:

1. Asp
2. Glu
3. Ser
4. Gly
5. His
6. Arg
7. Thr
8. Ala
9. Pro
10. Tyr
11. Val
12. Met
13. Cys
14. Ile
15. Leu
16. Phe
17. Lys

[HPLC Conditions]

Column : Wakosil®-PTC, 4.0mm I.D. × 200mm
Element : A) PTC アミノ酸溶離液A
B) PTC アミノ酸溶離液B
0-15min. B conc. 0-70%, 15-20min. B conc. 100%,
20-30min. B conc. 0%
Flow rate : 1.0ml/min. at 40 °C
Detection : UV 254nm 0.064AUFS
Injection : 10 μl

試料をPhenylisothiocyanate で誘導体化してPTC アミノ酸として分析