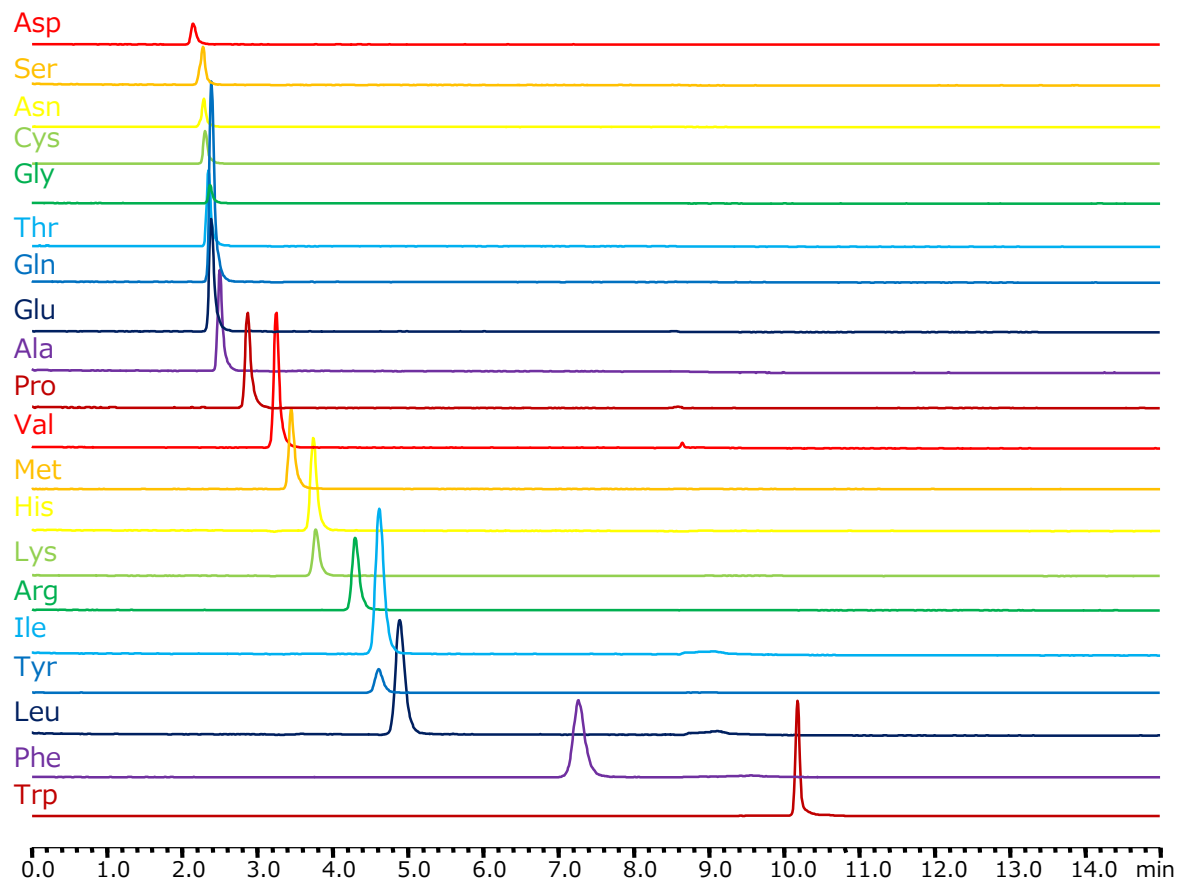


Shim-pack GIST PFPP Application

Analysis of Amino Acids



Analyte:

1. Aspartic acid	100 µg/L
2. Serine	100 µg/L
3. Asparagine	100 µg/L
4. Cysteine	500 µg/L
5. Glycine	100 µg/L
6. Threonine	100 µg/L
7. Glutamine	100 µg/L
8. Glutamic acid	100 µg/L
9. Alanine	100 µg/L
10. Proline	100 µg/L
11. Valine	100 µg/L
12. Methionine	100 µg/L
13. Histidine	100 µg/L
14. Lysine	100 µg/L
15. Arginine	100 µg/L
16. Isoleucine	100 µg/L
17. Tyrosine	100 µg/L
18. Leucine	100 µg/L
19. Phenylalanine	100 µg/L
20. Tryptophan	100 µg/L

LC Conditions

Column : Shim-pack GIST-HP PFPP(3 µm, 150 x 2.1 mm I.D.)
P/N: 227-30890-05

Mobile phase : A) CH₃CN
B) 0.1% HCOOH in H₂O

Time(min)	A(vol%)	B(vol%)
0	0	100
4	0	100
8	30	70
15	30	70

Flow rate : 0.2 mL/min

Col. Temp. : 40 °C

Detection : LC/MS/MS
(LCMS8030 Plus System, ESI, Positive, SRM)

Injection Vol. : 3 µL

Sample : Standard