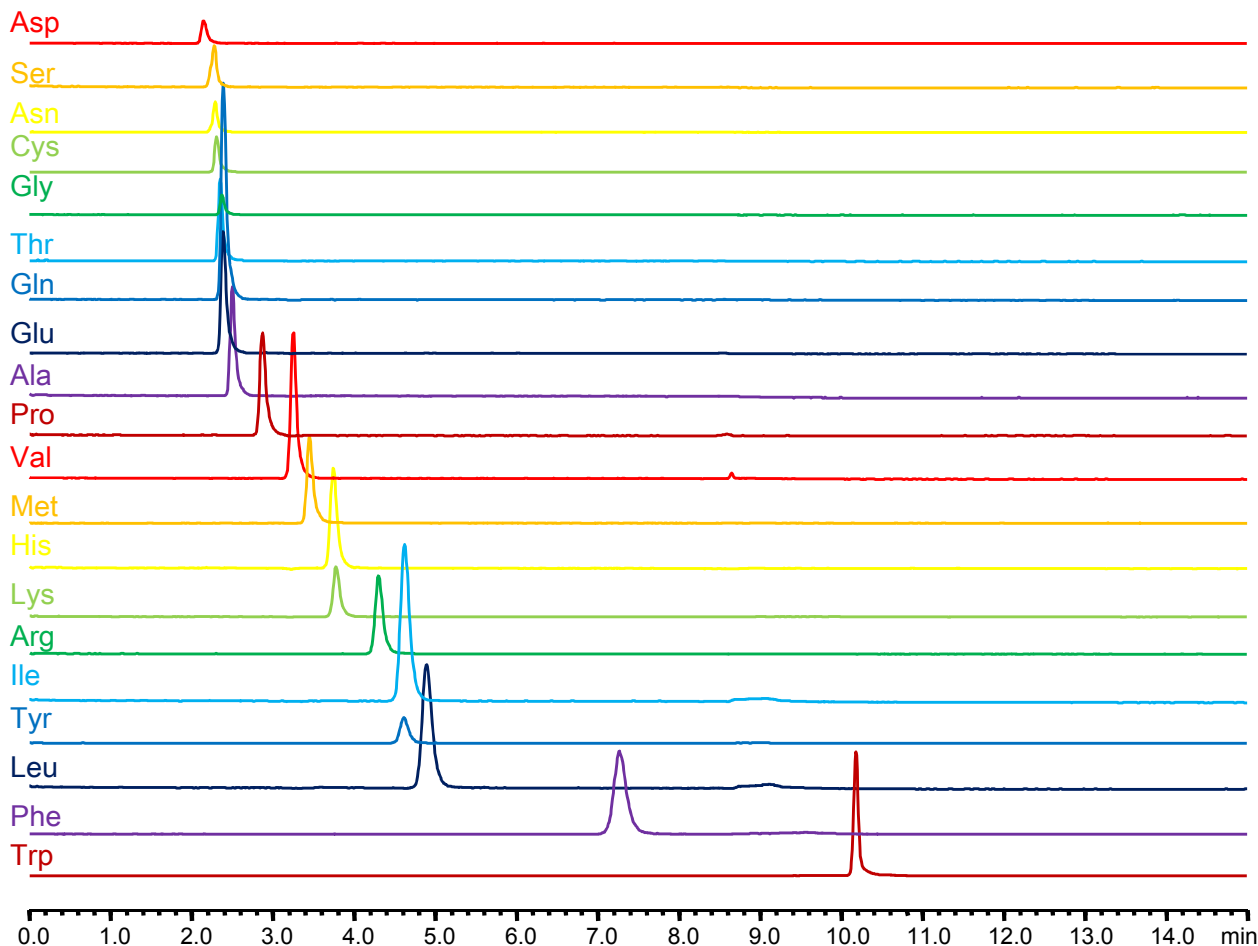


InertSearch™ for LC

Inertsil™ Applications

Analysis of Amino Acids

Data No. LB582-0972



Conditions

Column : InertSustain PFP HP (3 μ m, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020-87921
Eluent : 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 μ L
Sample : Standard

Analyte:

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