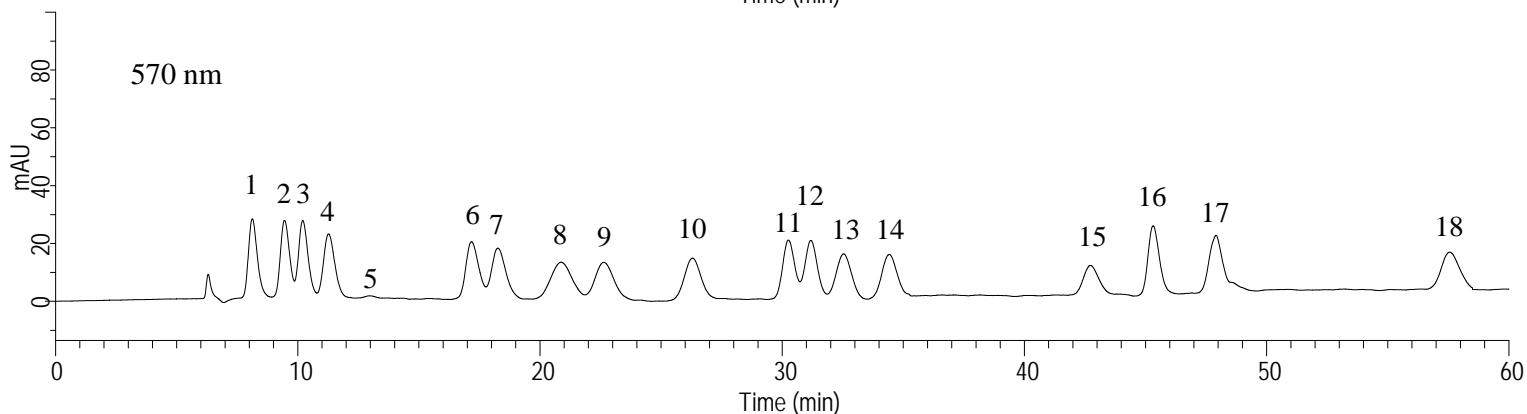
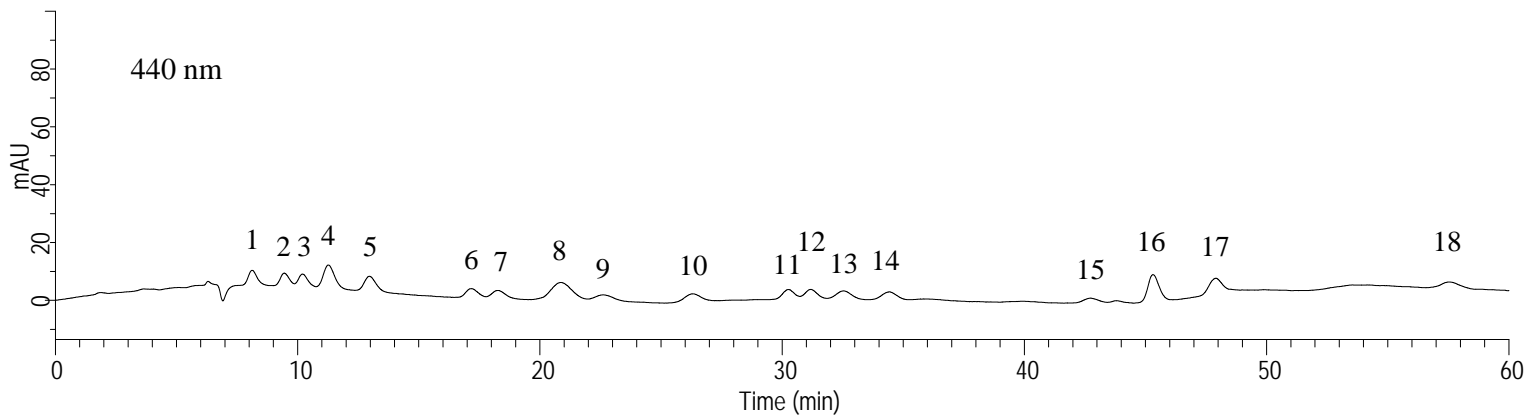


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Amino acid (post-column ninhydrin)

Data No. LB219-0785



### Conditions

**System** : GL7700 HPLC system  
**Trap Column** : # 2650 P/N : 890-5202 (120 x 4.0 mm I.D.)  
**Column** : # 2619PH P/N : 890-5203 (150 x 4.0 mm I.D.)  
**Flow Rate** : 0.4 mL/min  
**Col. Temp.** : 60 °C  
**Detection** : VIS 440 nm, 570 nm  
**Injection Vol.** : 10 µL  
**Sample** : Standard

### Analyte:

1. Aspartic acid (Asp)  
2. Threonine (Thr)  
3. Serine (Ser)  
4. Glutamic acid (Glu)  
5. Proline (Pro)  
6. Glycine (Gly)  
7. Alanine (Ala)  
8. Cysteine (Cys)  
9. Valine (Val)  
10. Methionine (Met)  
11. Isoleucine (Ile)  
12. Leucine (Leu)  
13. Tyrosine (Tyr)  
14. Phenylalanine (Phe)  
15. NH<sub>3</sub>  
16. Lysine (Lys)  
17. Histidine (His)  
18. Arginine (Arg)

(50 µ mol/L each)