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|--------------------|---------------------|
| 1: L-Aspartic acid | 10: NH <sub>3</sub> |
| 2: L-Glutamic acid | 11: L-Tyrosine      |
| 3: L-Serine        | 12: L-Valine        |
| 4: Glycine         | 13: L-Methionine    |
| 5: L-Histidine     | 14: L-Cystine       |
| 6: L-Arginine      | 15: L-Isoleucine    |
| 7: L-Threonine     | 16: L-Leucine       |
| 8: L-Alanine       | 17: L-Phenylalanine |
| 9: L-Proline       | 18: L-Lysine        |

Column: YMC-Pack ODS-AM (5  $\mu$ m, 12 nm) 250 x 4.6 mm i.d.

Eluent: A = 60 mM CH<sub>3</sub>COONa - CH<sub>3</sub>COOH (pH 6.6) / ACN (94/6)

B = 60 mM CH<sub>3</sub>COONa - CH<sub>3</sub>COOH (pH 6.6) / ACN (40/60)

Gradient: 0-55% B (0-20 min, linear),

100% B (20-25 min), 0% B (25-35 min)

Flow: 1.0 ml/min

Detection: UV at 250 nm, 0.08 AUFS

Temperature: 37 °C

Injection: 5  $\mu$ l (62.5 pmol/ $\mu$ l)

Sample: PTC derivatives