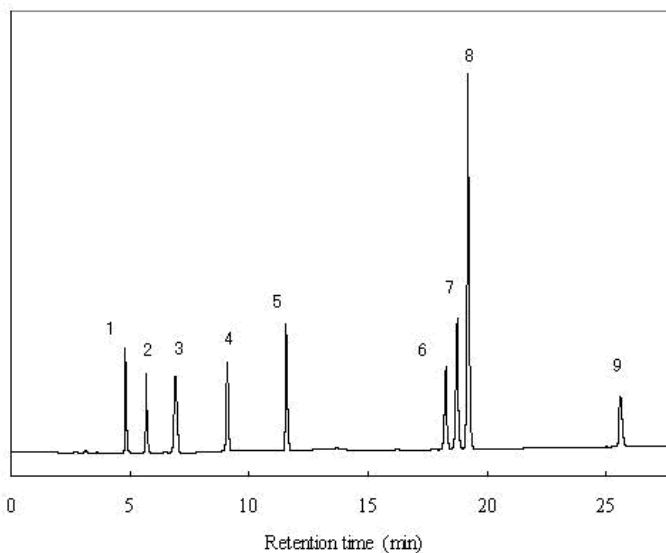


DATA CODE: G00739

Application Title: Separation of acetylamino acids by reversed-phase chromatography.

Compound:

- 1) N-acetyl-L-asparagine;
- 2) N-acetyl-L-glycine;
- 3) N-acetyl-L-lysine;
- 4) N-acetyl-L-glutamic acid;
- 5) N-acetyl-L-cysteine;
- 6) N-acetyl-DL-valine;
- 7) N-acetyl-L-leucine;
- 8) N-acetyl-L-tyrosine;
- 9) N-acetyl-DL-methionine



Chromatographic conditions

Column: TSKgel ODS-100V 5 µm, P/N 21456, 5 µm, 4.6 mm ID × 25 cm × 1

Mobile Phase:

A; 20 mmol/L potassium dihydrogen phosphate
 B; acetonitrile

time(min)	B(%)
0	0
25	25
27	25
29	0

Flow Rate: 1 mL/min

Detection: UV/VIS @ 210 nm

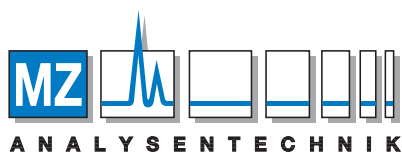
Temperature: 40 °C

Injection Volume: 5 µL

Sample(s): Standard

Sample Load: 0.1 g/L each

Comments: N-acetyl-L-asparagine N-acetyl-L-glycine N-acetyl-L-lysine N-acetyl-L-glutamic acid N-acetyl-L-cysteine N-acetyl-DL-valine N-acetyl-L-leucine N-acetyl-L-tyrosine N-acetyl-DL-methionine



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