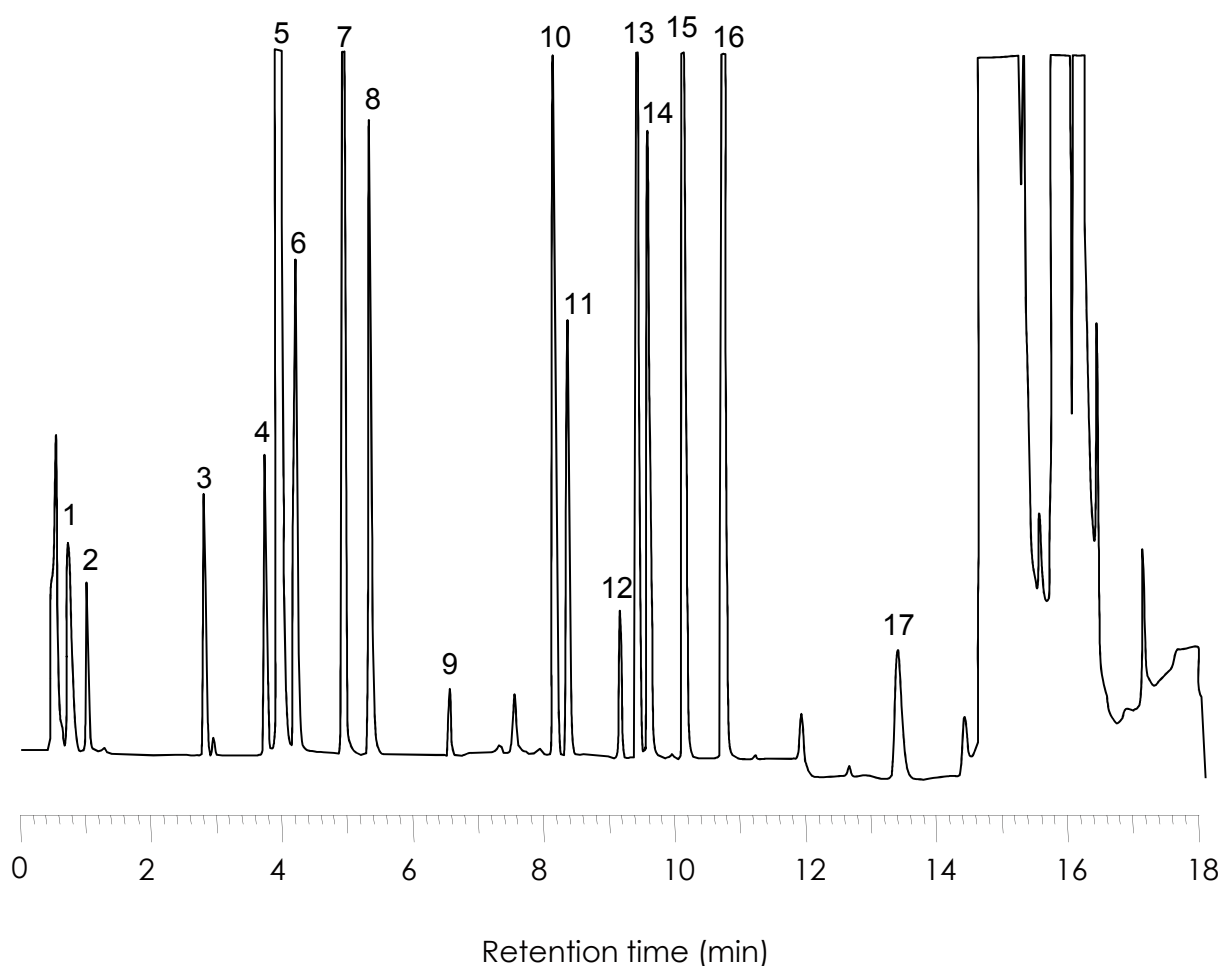


OPA誘導体化アミノ酸の分離(2) SunShell C18 2.6 μ m, 150 x 2.1 mm i.d.

Amino Acids derivatized with OPA (2)



Column: SunShell C18 2.6 μ m, 150 x 2.1 mm

Mobile phase: A) 10mM Na₂PO₄ + 10mM Na₂B₄O₇ + 0.5mM NaN₃ (pH7.8)

B) Acetonitrile/Methanol/Water (45/45/10 %V)

Time(min)	0	0.4	12.8	13.8
%B	5	5	50	100

Flow rate: 0.61 mL/min

Temperature: 40 °C

Detection: UV@338 nm

Sample: 1=Aspartic acid, 2=Glutamic acid, 3=Serine, 4=Histidine, 5=Glycine, 6=Threonine, 7=Arginine, 8=Alanine, 9=Tyrosine, 10=Valine, 11=Methionine, 12=Tryptophan, 13=Proline, 14=Isoleucine, 15=Leucine, 16=Lysine, 17=Proline