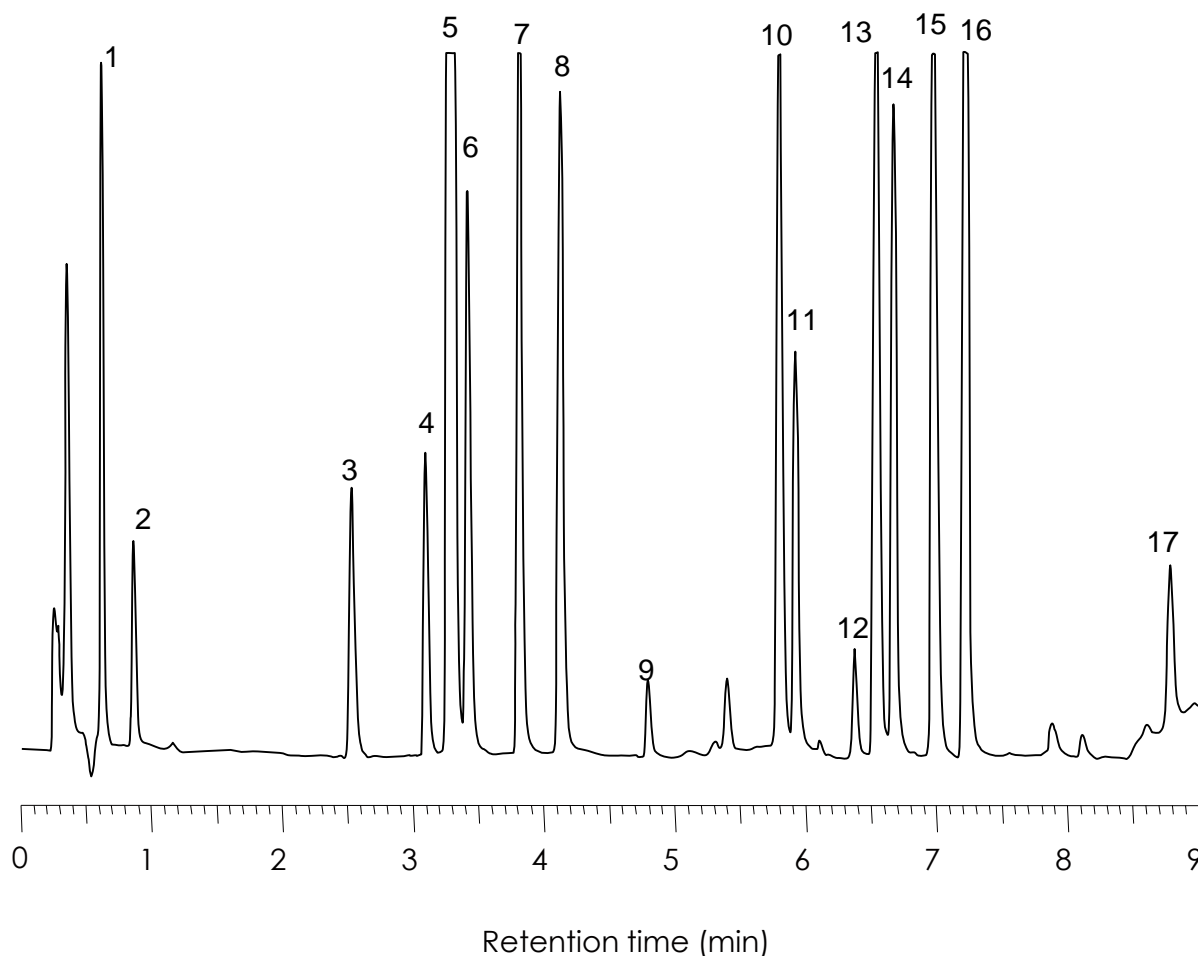


## OPA誘導体化アミノ酸の分離(1) Sunniest C18-HT 2 $\mu$ m, 100 x 2.1 mm i.d.

### Amino Acids derivatized with OPA (1)



Column: Sunniest C18-HT 2  $\mu$ m, 100 x 2.1 mm

Mobile phase: A) 10mM Na<sub>2</sub>PO<sub>4</sub> + 10mM Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> + 0.5mM NaN<sub>3</sub> (pH7.8)

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

Time(min)	0	0.2	7.2	7.8
%B	5	5	50	100

Flow rate: 0.72 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=Phenylalanine, 14=Isoleucine, 15=Leucine, 16=Lysine, 17=Proline