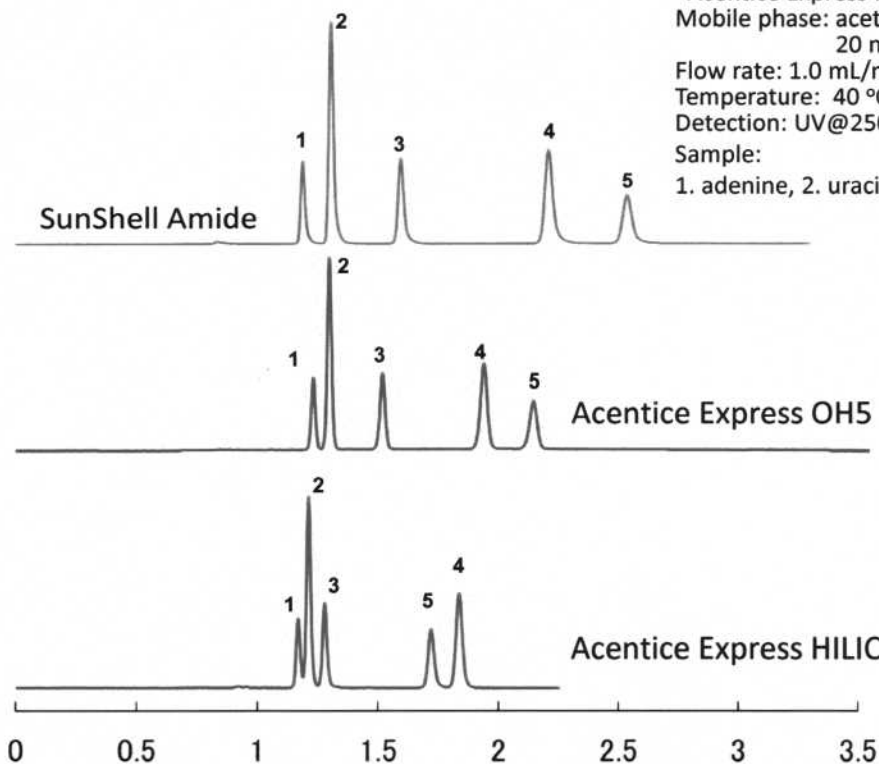


Separation of Nucleobases

Column:
SunShell HILIC-Amide 2.6 μ m : 100 x 4.6 mm (CH6461),
Acentice Express OH5 2.7 μ m : 100 x 4.6 mm
Acentice Express HILIC 2.7 μ m : 100 x 4.6 mm,
Mobile phase: acetonitrile :
20 mM ammonium acetate(pH4.7) =8:2
Flow rate: 1.0 mL/min ,
Temperature: 40 °C
Detection: UV@250 nm,
Sample:
1. adenine, 2. uracil, 3. uridine, 4. cytosine, 5. cytidine



Separation of water-soluble vitamins

Column:
SunShell HILIC-Amide 2.6 μ m : 100 x 4.6 mm,
Mobile phase: acetonitrile :
25 mM phosphate buffer (pH2.5) =8:2
Flow rate: 1.0 mL/min ,
Temperature: 40 °C
Detection: UV@250 nm,
Sample:
1. Nicotinic acid, 2. ascorbic acid, 3. pyridoxine,

