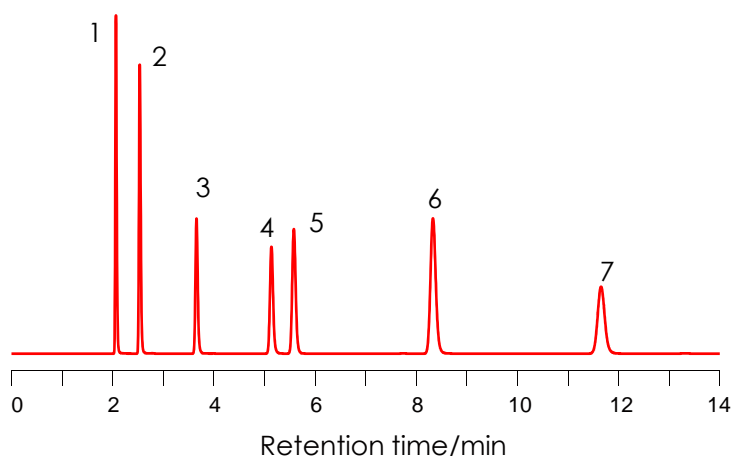


核酸の分離

Nucleic acid

Column: SunShell RP-AQUA, 2.6 μ m 150 x 4.6 mm



Mobile phase:

20 mM ammonium acetate pH6.8

Flow rate: 1.0 mL / min

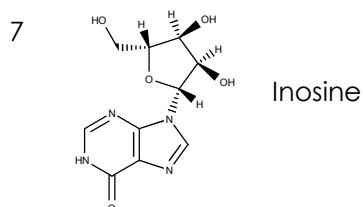
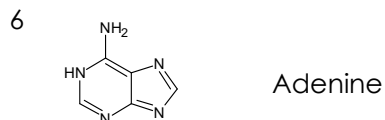
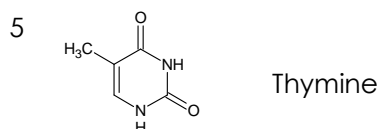
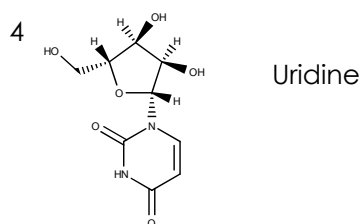
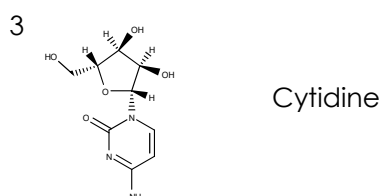
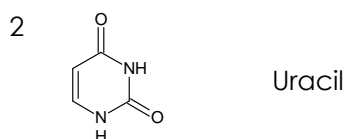
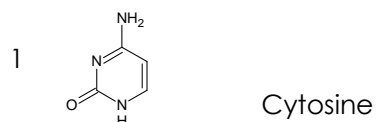
Temperature: 40 $^{\circ}$ C

Pressure: 23.8 MPa

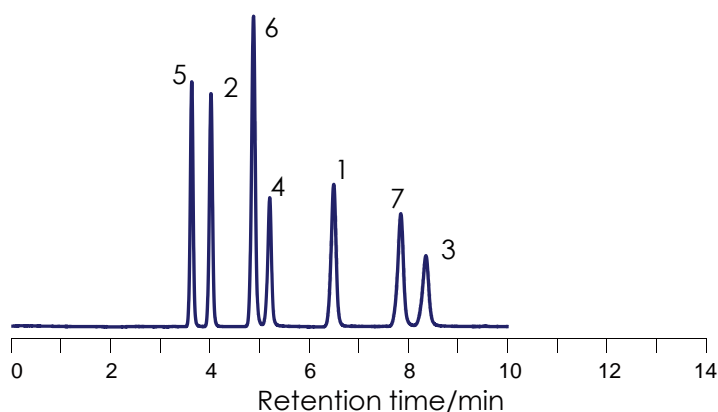
Detection: UV@250 nm

SunShell RP-AQUA 2.6 μ m, 150 x 4.6 mm i.d.

SunShell HILIC-Amide 2.6 μ m, 150 x 4.6 mm i.d.



Column: SunShell HILIC-Amide, 2.6 μ m, 150 x 4.6 mm



Mobile phase:

Acetonitrile:20 mM ammonium acetate pH6.8 = 80:20

Flow rate: 0.5mL / min

Temperature: 40 $^{\circ}$ C

Pressure: 6.1 MPa

Detection: UV@250 nm

核酸塩基は親水性の高い物質ですが、SunShell RP-AQUAであれば水100%の移動相でも使用でき、良好な分離を示します。

また、SunShell HILIC-Amideを使用すれば有機溶媒濃度を高くする事ができ、LC/MSでも使用可能となります。

Instrument

Hitachi Chromaster[®]

Detector: 5410

Oven: 5310

AutoSampler: 5260

Pump: 5160

