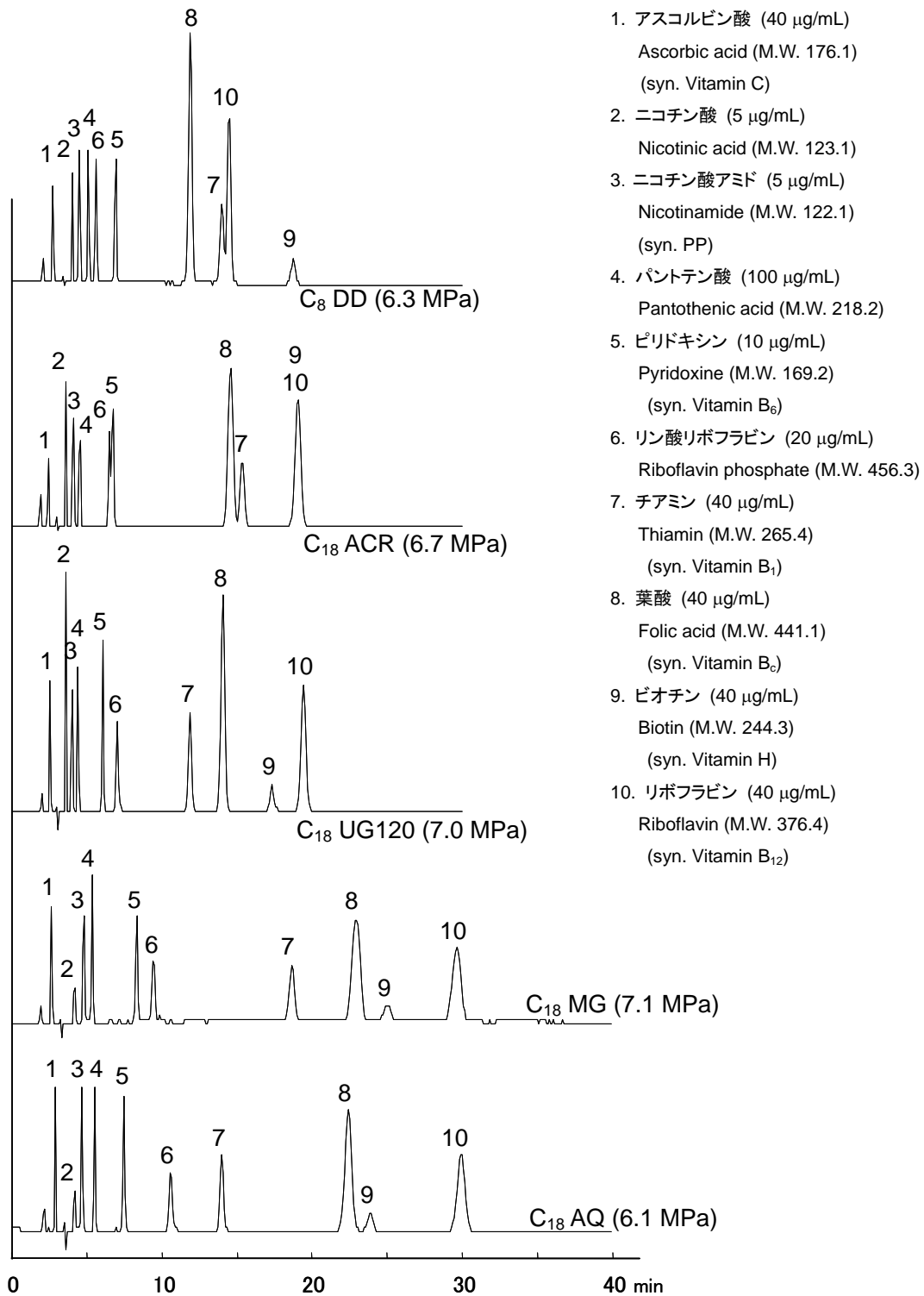


水溶性ビタミン (イオンペア法) Hydrophilic vitamins (ion-pair method)



【HPLC Conditions】

Column size : 4.6 mm i.d. x 150 mm
Mobile phase : Sodium hexane sulfonate was added to a solution (20 mmol/L H_3PO_4 / CH_3CN = 91 / 9) at 5 mmol/L.
*The amount of acetonitrile significantly affects retention times in this application.
Flow rate : 1 mL/min
Temperature : 40 °C
Detection : UV 210 nm
Inj. vol. : 10 μL
Sample dissolved in : Refer to the page, "Preparation of hydrophilic vitamin solutions".
(Final concentrations should be changed as needed.)
※ 1 $\mu\text{g}/\text{mL}$ = 1 ppm