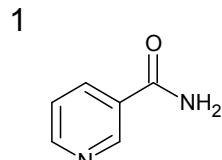
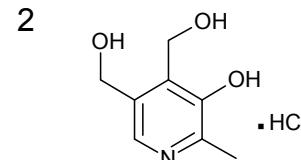


HILIC Separation of Water-Soluble Vitamins (1)

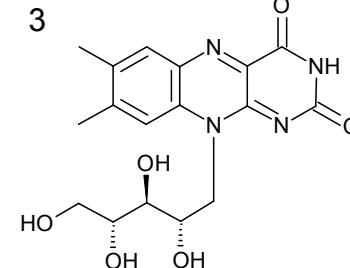
Structures of Analytes



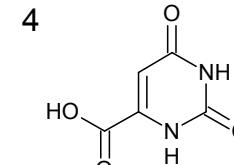
Nicotinamide



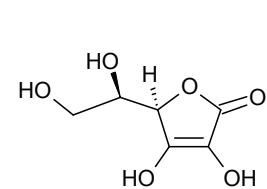
Pyridoxine hydrochloride



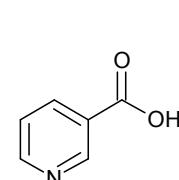
Riboflavin



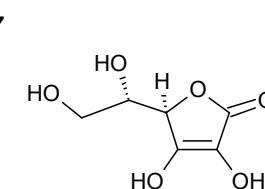
Orotic acid



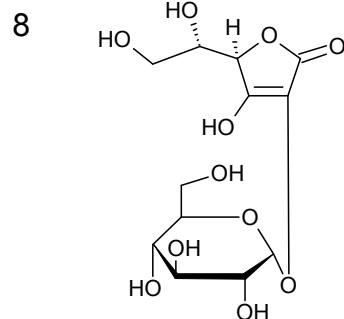
Erythorbic acid
(D-Isoascorbic acid)



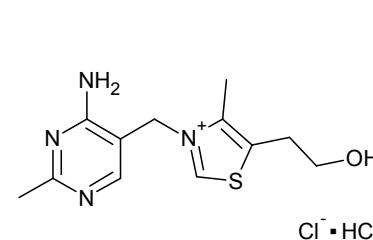
Nicotinic acid



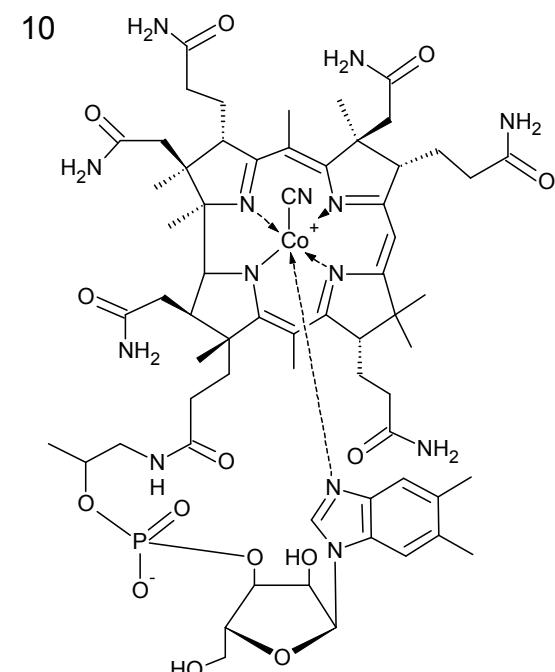
L-Ascorbic acid



2-O- α -D-Glucopyranosyl-L-ascorbic acid



Thiamine hydrochloride



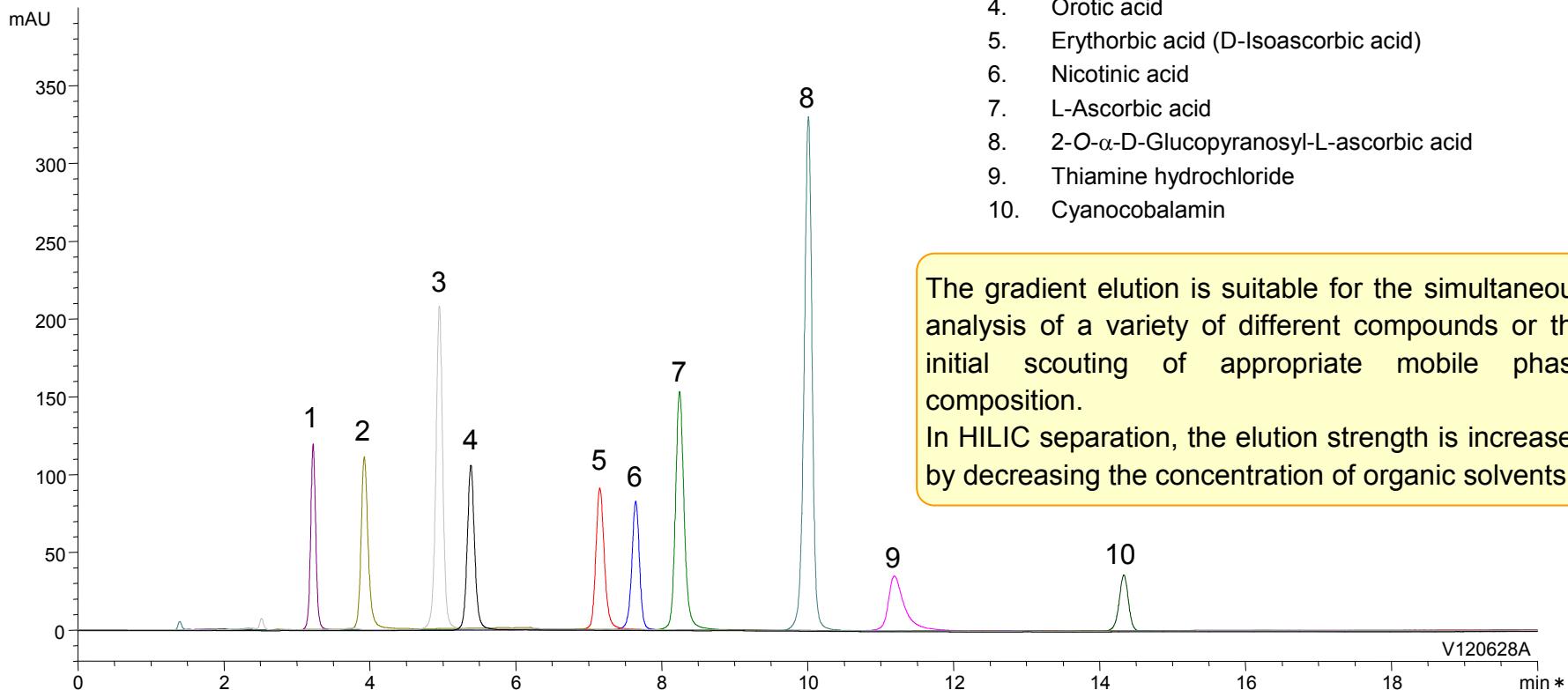
Cyanocobalamin

HILIC Separation of Water-Soluble Vitamins (2)

Gradient Analysis on YMC-Triart Diol-HILIC

YMC-Triart Diol-HILIC

New!



Column	: YMC-Triart Diol-HILIC (5 μ m, 12 nm) 150 X 3.0 mmI.D.	Flow rate : 0.425 mL/min
Eluent	: A) water/ acetonitrile (5/95) containing 10 mM CH ₃ COONH ₄ B) water/ acetonitrile (50/50) containing 10 mM CH ₃ COONH ₄ 10-80% B (0-20 min)	Temperature : 40°C Detection : UV at 254 nm Injection : 4 μ L (50 ~ 250 μ g/mL)