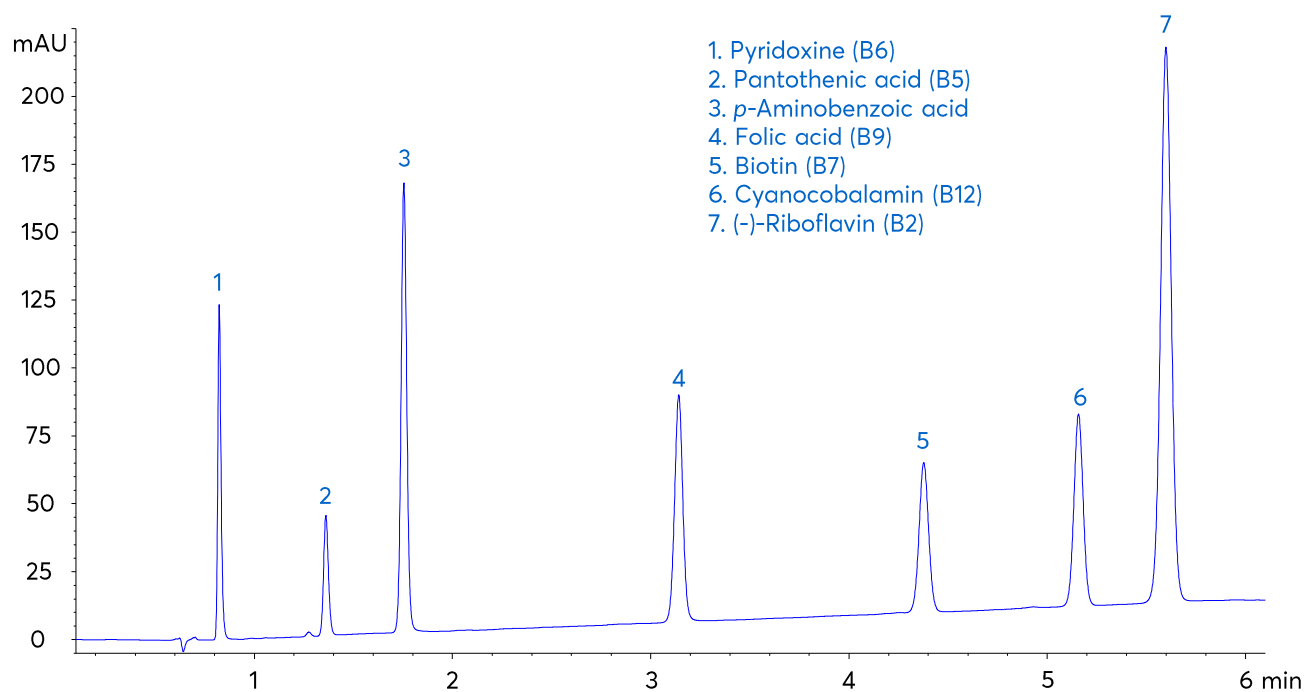


Separation of Water-soluble Vitamins



Method Details

CONDITIONS

Column: Avantor® ACE® UltraCore PhenylHexyl

Dimensions: 100 x 3.0 mm

Mobile Phase: A: 20 mM KH₂PO₄ pH 2.7 in H₂O
B: 20 mM KH₂PO₄ pH 2.7 in MeCN/H₂O 50:50 v/v

Gradient:

Time (mins)	%B
0	30
5	60
6	60
6.1	30
15	30

Flow Rate: 0.6 mL/min

Injection: 2.8 µL

Temperature: 40 °C

Detection: UV, 214 nm

System Dwell Volume: 204 µL

ORDERING TABLE

Product	Details	Size	Part number
Avantor® ACE® UltraCore PhenylHexyl	UHPLC column	100 x 3.0 mm	CORE-35G-1030
Acetonitrile	VWR CHROMANORM® gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320
Potassium dihydrogen phosphate	VWR HiPerSolv CHROMANORM® for HPLC	500 g	153184U