HPLC Application

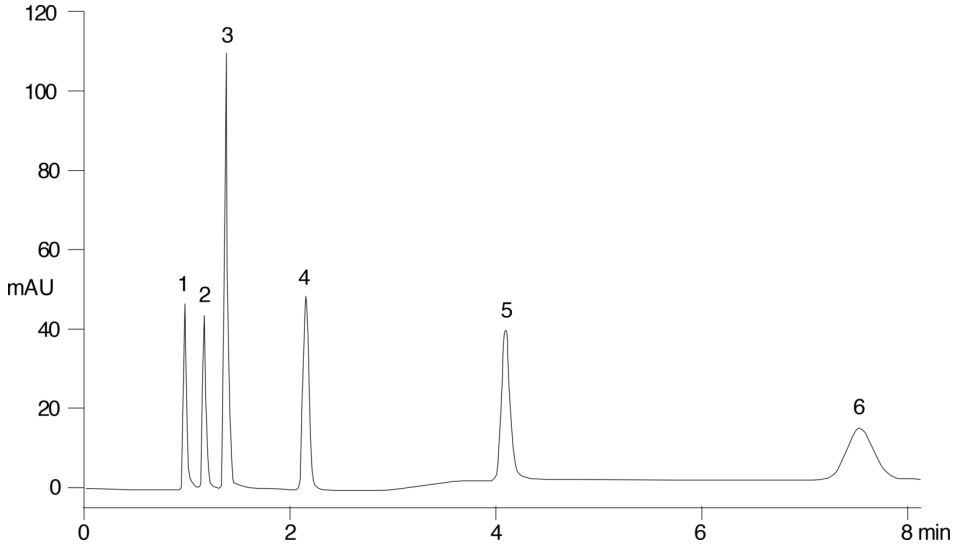
ID No.: **3305**

Water-soluble vitamins

Products used in this application:

LUNA®

Column:	Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea			
Dimensions:	150 x 4.6 mm ID			
Order No:	00F-4252-E0			
Elution Type:	Isocratic			
Eluent A:	20mM Potassium phosphate			
Eluent B:	ACN			
Gradient	**Step No.**	**Time (min)**	**Pct A**	**Pct B**
Profile:	**1**	0	95	5
Flow Rate:	1.5 mL/min			
Col. Temp.:	ambient			
Detection:	UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)			



ANALYTES:

1. Thiamine
2. Cyanocobalamine (Vitamin B12)
3. Ascorbic acid
4. Pantothenic acid
5. Niacinamide
6. paraaminobenzoic acid

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