



Vitamins (Fat Soluble) on Ultra C18

Peak List:	Conc. (mg/mL)
1. solvent front	n/a
2. menadione (vitamin K3)	0.45
3. all-trans-retinol (vitamin A)	0.34
4. vitamin D3	0.4
5. unknown	n/a
6. α tocopherol (vitamin E)	2.4
7. α tocopherol acetate (vitamin E acetate)	2.4
8. unknown	n/a
9. phylloquinone (vitamin K1)	0.84

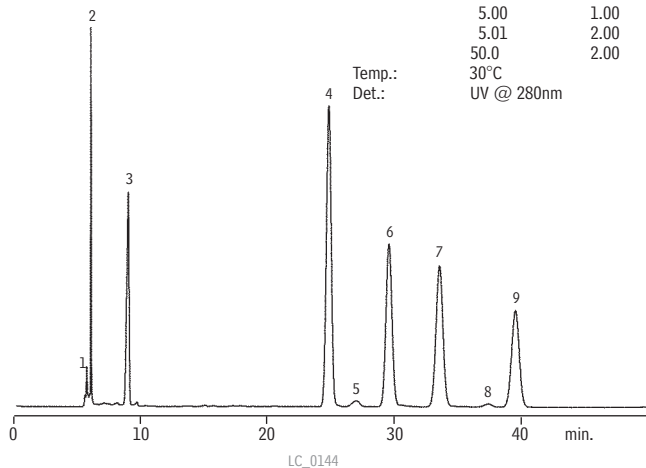
Sample:
 Solvent: diethyl ether

Column: Ultra C18
 Cat.#: 9174575
 Dimensions: 250mm x 4.6mm
 Particle size: 5µm
 Pore size: 100Å

Conditions:
 Mobile phase: acetonitrile:methanol (90:10, v/v)

Time (min.)	Flow (mL/min.)
1.00	1.00
5.00	1.00
5.01	2.00
50.0	2.00

Temp.: 30°C
 Det.: UV @ 280nm



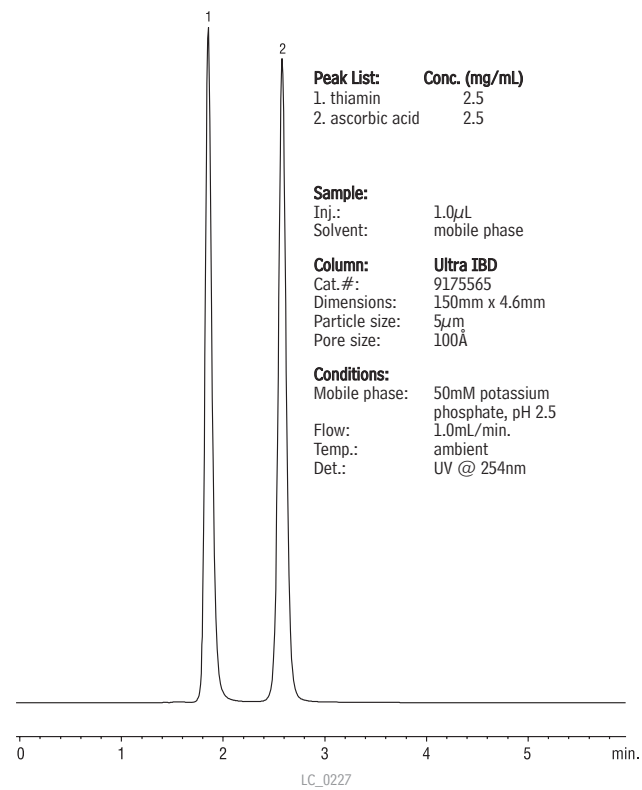
Vitamins Thiamin (Vitamin B1) and Ascorbic Acid (Vitamin C) on Ultra IBD

Peak List:	Conc. (mg/mL)
1. thiamin	2.5
2. ascorbic acid	2.5

Sample:
 Inj.: 1.0µL
 Solvent: mobile phase

Column: Ultra IBD
 Cat.#: 9175565
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 100Å

Conditions:
 Mobile phase: 50mM potassium phosphate, pH 2.5
 Flow: 1.0mL/min.
 Temp.: ambient
 Det.: UV @ 254nm





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