

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. phyloquinone (vitamin K1)	0.84

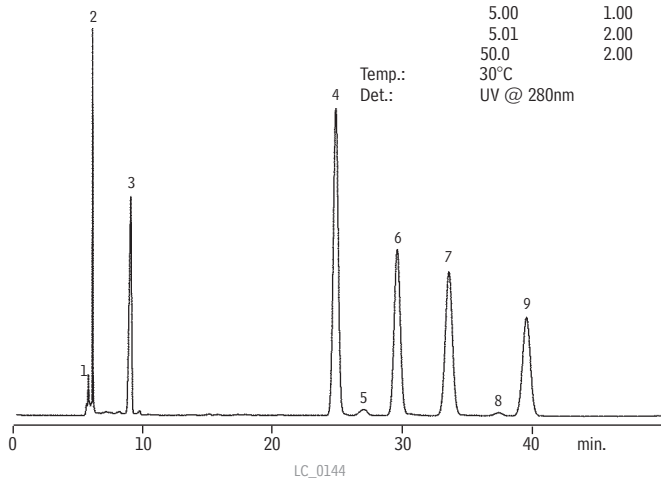
Sample:
Solvent: diethyl ether

Column: **Ultra C18**
Cat.#: 9174575
Dimensions: 250mm x 4.6mm
Particle size: 5 μ m
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



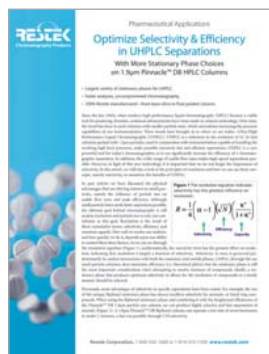
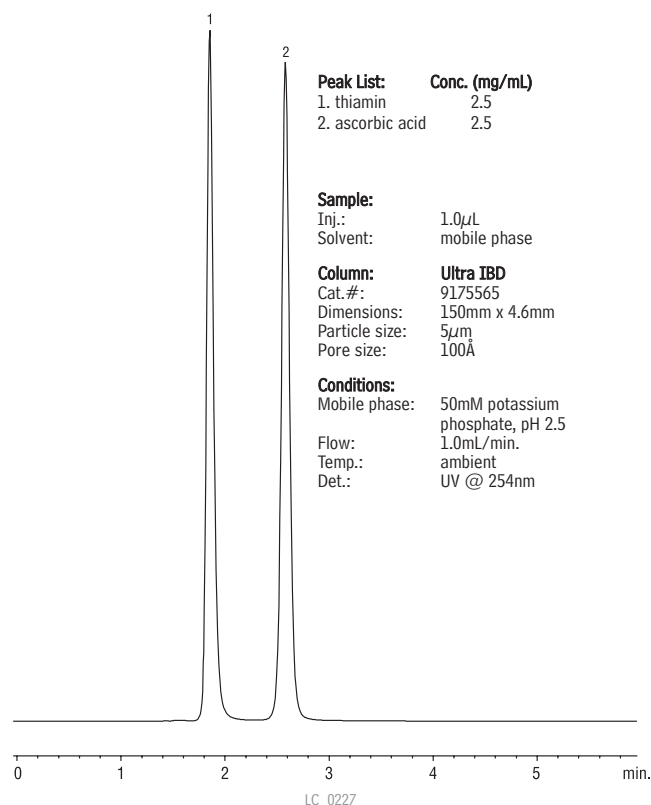
Vitamins Thiamin (Vitamin B1) and Ascorbic Acid (Vitamin C) on Ultra IBD

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

Sample:
Inj.: 1.0 μ L
Solvent: mobile phase

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

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

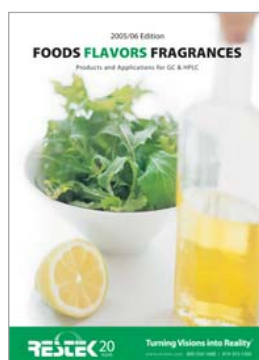


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