

## Water-soluble Vitamins on Kinetex 2.6u, C18, 150x4.6 by HPLC (#20715)

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4462-E0

**Elution Type:** Gradient

**Eluent A:** 3g Sodium 1-hexanesulfonate monohydrate/0.4mL Triethylamine/15mL Acetic acid in 198

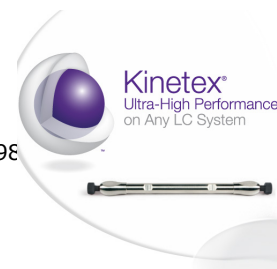
**Eluent B:** Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 95    | 5     |
|                   | 2        | 12         | 53    | 47    |
|                   | 3        | 12.1       | 2     | 98    |
|                   | 4        | 15         | 2     | 98    |
|                   | 5        | 15.1       | 95    | 5     |
|                   | 6        | 22         | 95    | 5     |

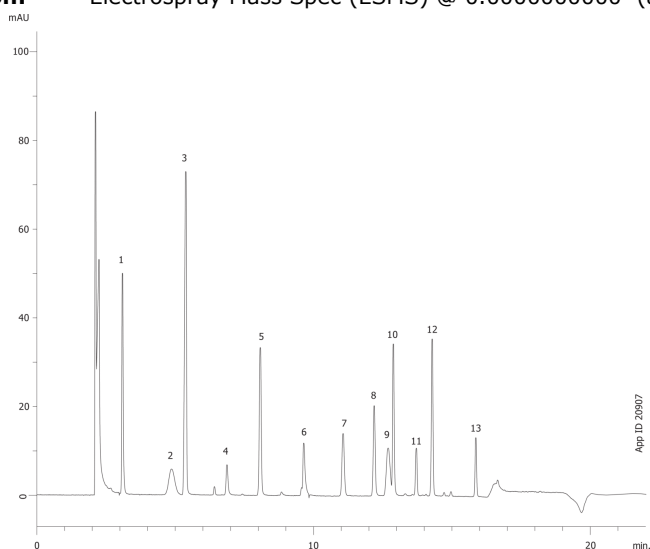
**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 25 °C

**Detection:** Electrospray Mass Spec (ESMS) @ 0.0000000000 (ambient)



Products used in this application:



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### ANALYTES:

- 1** Ascorbic acid
- 2** Pyridoxal 5'-phosphate
- 3** Nicotinic acid
- 4** 4-Pyridoxic acid
- 5** Nicotinamide
- 6** Riboflavin 5'-phosphate
- 7** Pyridoxal
- 8** Pyridoxine
- 9** Cobalamine
- 10** Folic acid
- 11** Pyridoxamine
- 12** Riboflavin
- 13** Thiamine

