

HPLC Application

ID No.: 19499

Preservatives Analysis using Kinetex 2.6µm C8 100x4.6mm

Column: Kinetex® 2.6 µm C8 100 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4497-E0

Elution Type: Gradient

Eluent A: Water with 0.1% TFA

Eluent B: Acetonitrile with 0.1% TFA

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|--------------------------|-----------------|-------------------|--------------|--------------|
| | 1 | 0 | 85 | 15 |
| | 2 | 20 | 15 | 85 |

Flow Rate: 1.5 mL/min

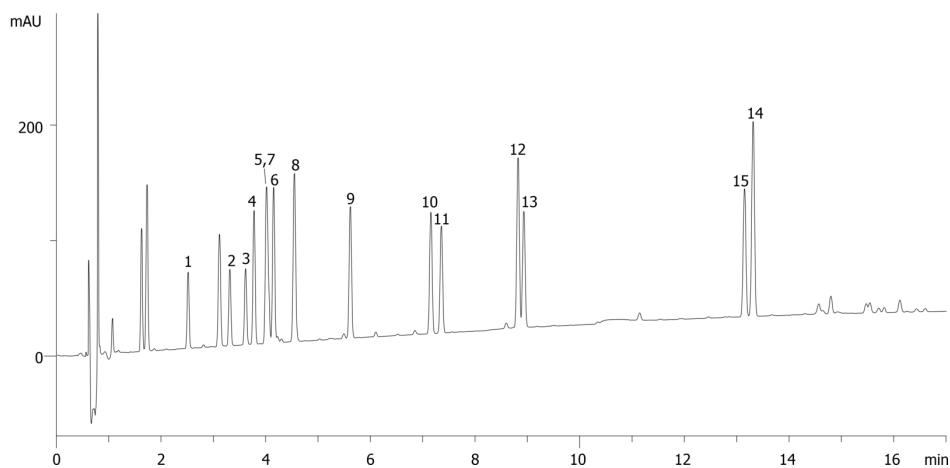
Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 214 nm (ambient)

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Products used in this application:



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ANALYTES:

- 1 Benzyl alcohol
- 2 Phenoxyethanol
- 3 Sorbic acid
- 4 Benzoic acid
- 5 Methyl paraben
- 6 p-Anisic acid
- 7 Dehydroacetic acid
- 8 Salicylic acid
- 9 Ethyl paraben
- 10 Isopropyl paraben
- 11 Propyl paraben
- 12 Isobutyl paraben
- 13 Butyl paraben
- 14 Triclosan
- 15 Triclocarban

