

# HPLC Application

ID No.: 24460

## Vegetable Oil Matrix - Phenolic Antioxidants Using Kinetex 2.6u Polar C18

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m Polar C18 100 Å, LC Column 100 x 3.0 mm, Ea

**Dimensions:** 100 x 3 mm ID

**Order No:** 00D-4759-Y0

**Elution Type:** Gradient

**Eluent A:** Water + 0.5% Acetic Acid

**Eluent B:** Acetonitrile + 0.5% Acetic Acid

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	75	25
	<b>2</b>	5	0	100
	<b>3</b>	15	0	100

**Flow Rate:** 0.4 mL/min

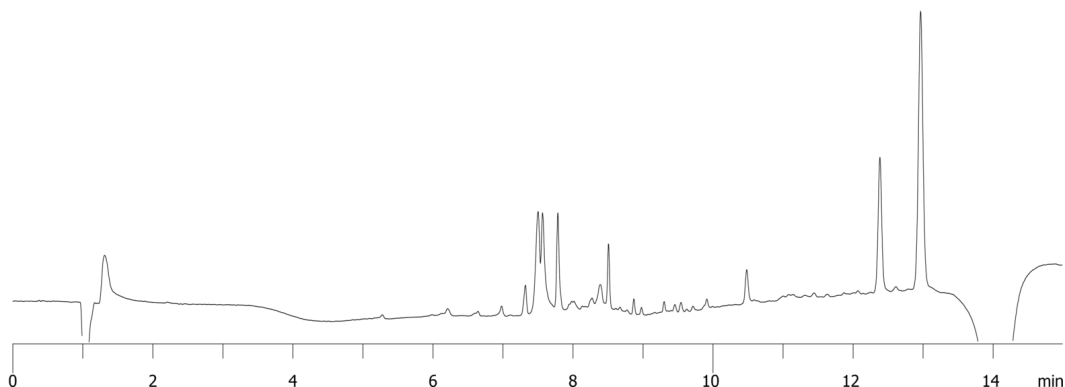
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

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Products used in this application:



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### ANALYTES:

- 1 Propyl Gallate
- 2 Ethoxyquin
- 3 TBHQ
- 4 NDGA
- 5 BHA
- 6 Ionox <sup>®</sup> 100
- 7 Vitamin E
- 8 Octyl Gallate
- 9 BHT
- 10 Lauryl Gallate
- 11 Vitamine E Acetate

