

# HPLC Application

ID No.: 15474

## Phenols on Onyx C18 - Flow Gradient

**Column:** Onyx<sup>™</sup> Monolithic C18, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** CH0-7643

**Elution Type:** Gradient

**Eluent A:** 0.1% H<sub>3</sub>PO<sub>4</sub> in Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	65	35
	2	1.8	54	46
	3	2.2	20	80
	4	3	20	80

**Flow Rate:** 3 mL/min

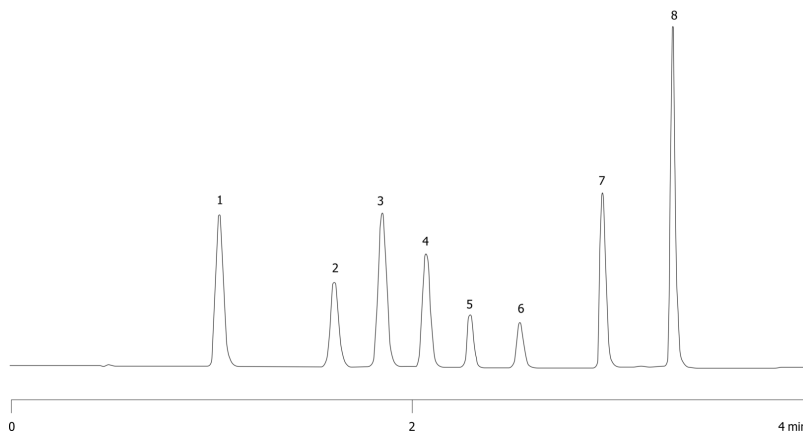
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 250 nm (25 °C)

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Products used in this application:



### ANALYTES:

- 1 Phenol
- 2 2-Chlorophenol
- 3 2-Nitrophenol
- 4 2,4-Dinitrophenol
- 5 4-Chloro-3-methylphenol
- 6 2,4-Dinitro-6-methylphenol
- 7 2,4,6-Trichlorophenol
- 8 Pentachlorophenol

