

# HPLC Application

ID No.: 23434

## Phenol Selectivity Luna Omega 1.6u C18 50x2.1mm

**Column:** Luna Omega 1.6  $\mu$ m C18 100  $\text{\AA}$ , LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4742-AN

**Elution Type:** Gradient

**Eluent A:** 0.1 Formic Acid in Water

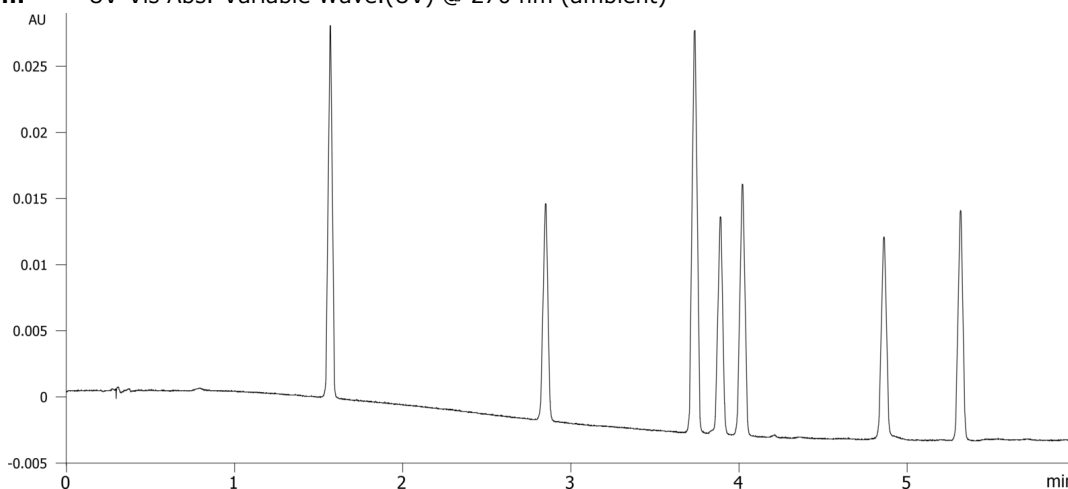
**Eluent B:** 0.1% Formic Acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	6	50	50
	3	7	50	50
	4	7.1	95	5
	5	9	95	5

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)



### ANALYTES:

- 1 3-Hydroxyphenol
- 2 Phenol
- 3 4-Nitrophenol
- 4 4-Methylphenol
- 5 2-Methylphenol
- 6 2,4-Dimethylphenol
- 7 1-Naphthol



Products used in this application:

