

HPLC Application

ID No.: 5304

Phenols on Envirosep-PP (EPA Method 604)

Column: EnviroSep-PP[™] 5 µm PP , LC Column 125 x 3.2 mm, Ea

Dimensions: 125 x 3.2 mm ID

Order No: 00E-3029-R0

Elution Type: Gradient

Eluent A: Water

Eluent B: Methanol both with 1% acetic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	9.5	44	56
	3	12	44	56
	4	13	0	100

Flow Rate: 0.5 mL/min

Col. Temp.: 45 °C

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

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

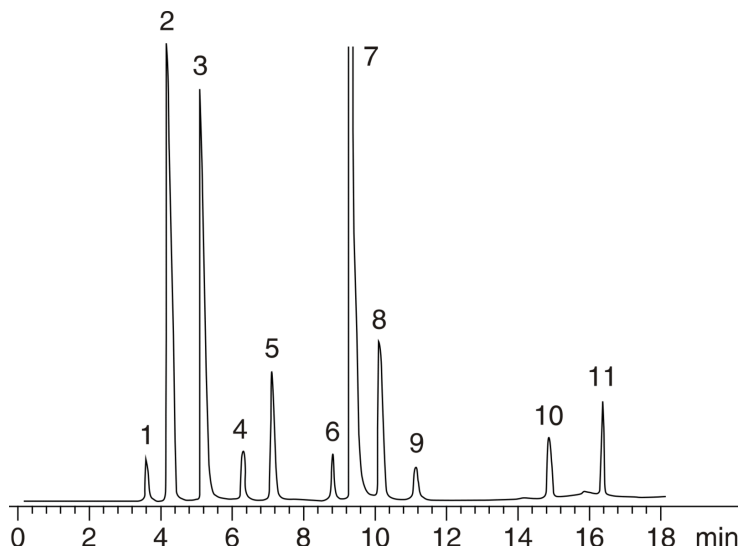
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

EnviroSep[™]



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ANALYTES:

- 1** Phenol
- 2** 4-Nitrophenol
- 3** 2,4-Dinitrophenol
- 4** 2-Nitrophenol
- 5** o-Chlorophenol
- 6** 4,6-Dinitrophenol
- 7** 2,4-Dimethylphenol
- 8** 4-Chloro-3-methylphenol
- 9** 2,4-Dichlorophenol
- 10** 2,4,6-Trichlorophenol
- 11** Pentachlorophenol

