HPLC Application

ID No.: **14490**

EPA Method 642, Biphenyl and o-Phenylphenol

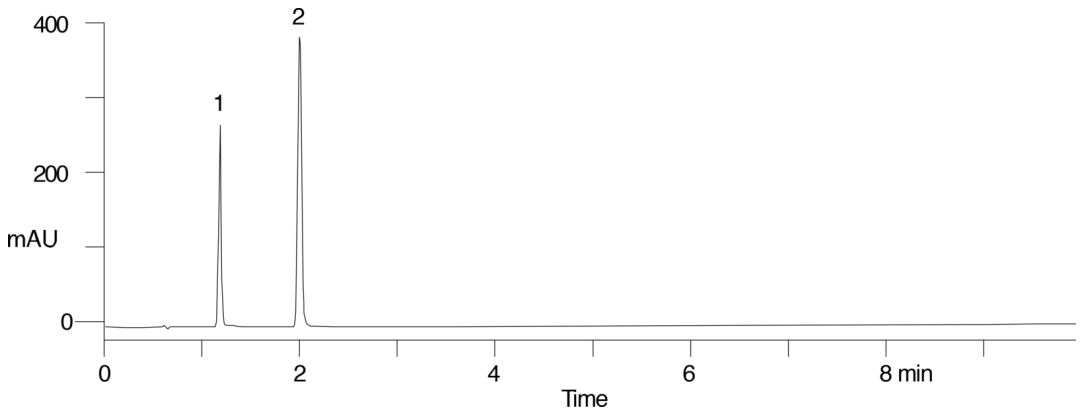
Products used in this application:

Column: Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4252-E0
Elution Type: Gradient
Eluent A: Water
Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	20	80
	2	10	0	100

Flow Rate: 1.5 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 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



ANALYTES:

1 Biphenyl
2 o-Phenylphenol

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