Aromatic hydrocarbons

Application Note

Environmental

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Introduction
HPLC with Agilent Pursuit C18 5 µm material in a ChromSep cartridge analyzes nine aromatic hydrocarbons in 18 minutes.
**Conditions**

Technique: HPLC

Column: Agilent Pursuit C18, 4.6 x 150 mm, 5 µm

Part no.: Conventional A3000150X046

ChromSep Cartridge System A3000150C046

Temperature: Ambient

Eluent: A: Water  
B: MeCN  
A:B = 40:60

Flow rate: 1.0 mL/min

Detection: UV @ 254 nm

**Peak identification**

1. benzene
2. toluene
3. naphthalene
4. ethylbenzene
5. 2-methylnaphthalene
6. propylbenzene
7. anthracene
8. butylbenzene
9. 2-methylanthracene