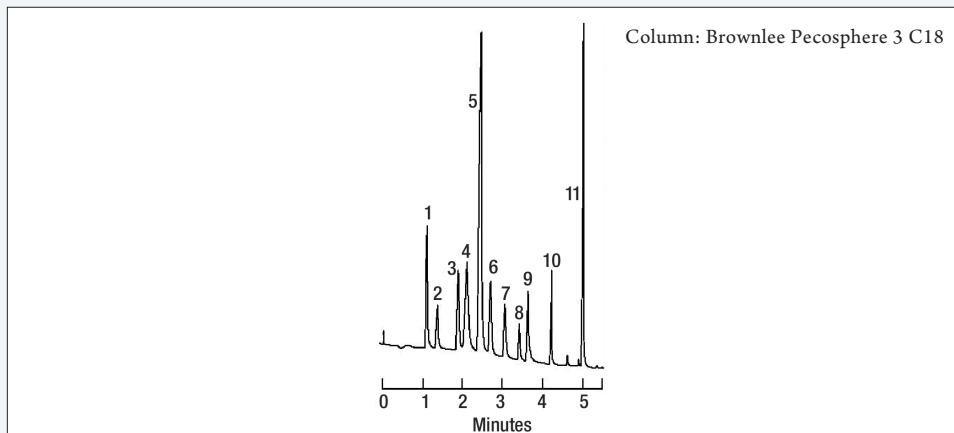




# PHENOLS IN ENVIRONMENTAL HPLC

## Environmental: Phenol Priority Pollutants on Brownlee Pecosphere 3 C18



### Peak List

1. phenol
2. p-nitrophenol
3. o-chlorophenol
4. 2,4-dinitrophenol
5. o-nitrophenol
6. 2,4-dimethylphenol
7. 4-chloro-m-cresol
8. 2,4-dichlorophenol
9. 4,6-dinitro-o-cresol
10. 2,4,6-trichlorophenol
11. pentachlorophenol

### Column

Column name: Brownlee Pecosphere 3 C18  
Part number: 02580166  
Dimensions: 83 x 4.6 mm  
Particle size: 3  $\mu$ m

### Conditions

Mobile phase: Linear gradient of 35% acetonitrile/water (pH 2.2) to 100% acetonitrile in 4 min  
Flow: 2.5 mL/min  
Temperature: ambient  
Detector: UV @ 254 nm

### Sample

Injection volume: 6  $\mu$ L

### Notes

Recommended Column Holder

07150029

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