

# GC Application

ID No.: 14884

## Phenols: EPA Method 604 - ZB-50 30x0.25x0.25

**Column:** Zebtron™ ZB-50, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

**Phase:** 50% Phenyl 50% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 0.25 μm

**Order No:** 7HG-G004-11

**Oven Profile:** 50°C for 10 min to 250°C at 15°C/min for 10 min.

**Carrier Gas:** Constant Flow Helium, 0.7 mL/min

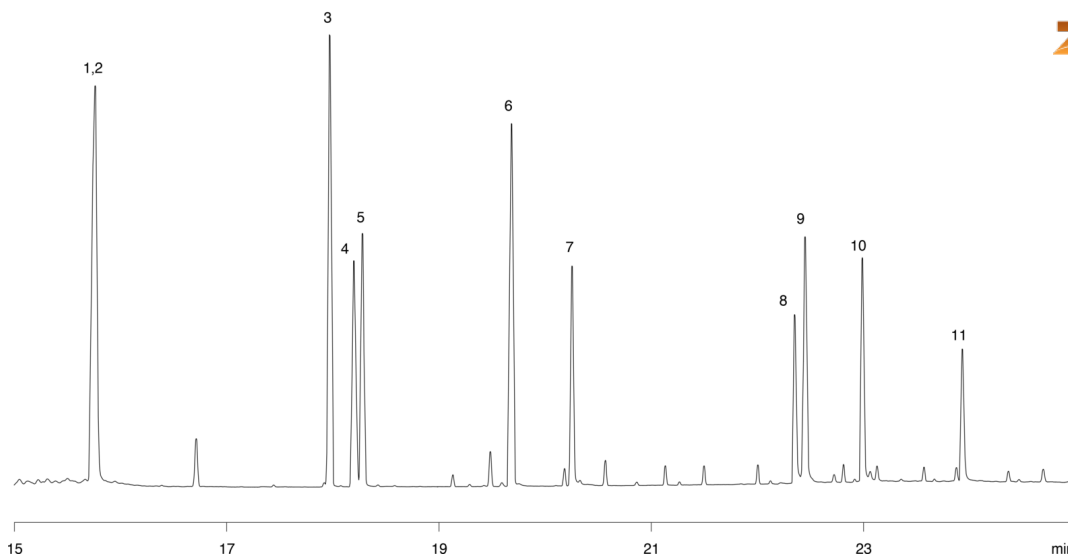
**Injection:** split 20:1 1 μL @ 280°C

**Detection:** Flame Ionization (FID) (280°C)

14884



Products used in this application:



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### ANALYTES:

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

