

# GC Application

ID No.: 14870

## EPH - Aromatic Hydrocarbons ZB-5 30x0.32x0.25

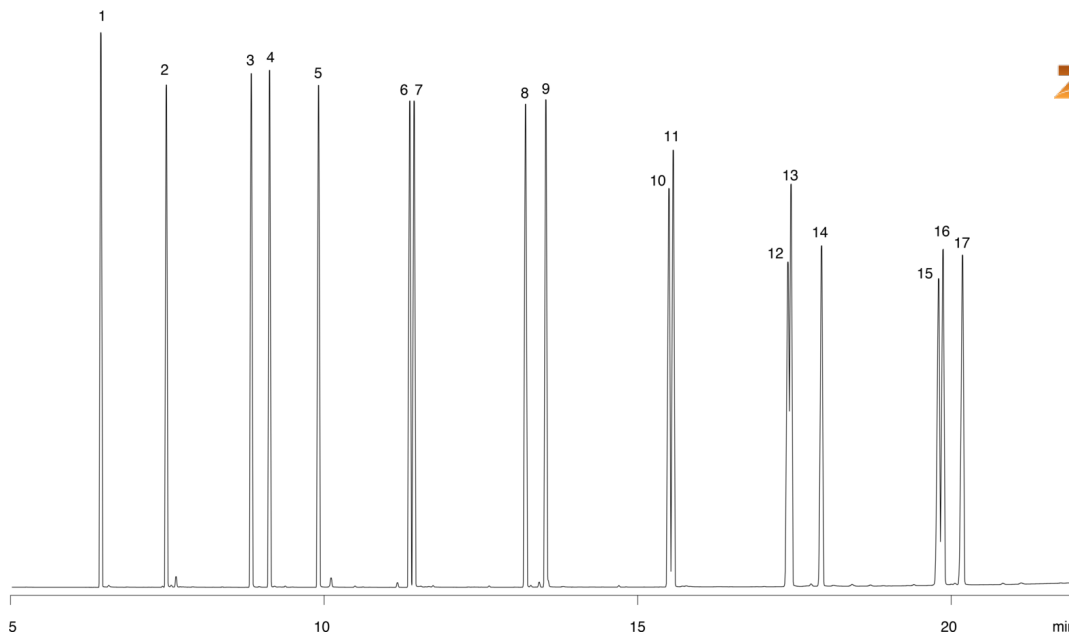
**Column:** Zebtron™ ZB-5, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea  
**Phase:** 5% Phenyl 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.32 mm x 0.25 µm  
**Order No:** 7HM-G002-11  
**Oven Profile:** 40°C for 1 min to 240°C at 15°C/min to 350°C at 10°C/min for 5 min

**Carrier Gas:** Constant Flow Helium, 5.2 mL/min  
**Injection:** split 15:1 0.2 µL @ 250°C  
**Detection:** Flame Ionization (FID) (340°C)

14870



Products used in this application:



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### ANALYTES:

- 1 Naphthalene
- 2 2-Methylnaphthalene
- 3 Acenaphthylene
- 4 Acenaphthene
- 5 Fluorene
- 6 Phenanthrene
- 7 Anthracene
- 8 Fluoranthene
- 9 Pyrene
- 10 Benz[a]anthracene
- 11 Chrysene
- 12 Benzo[b]fluoranthene
- 13 Benzo[k]fluoranthene
- 14 Benzo[a]pyrene
- 15 Indeno[1,2,3-cd]pyrene
- 16 Dibenzo[a,h]anthracene
- 17 Benzo[g,h,i]perylene

