

# GC Application

ID No.: 14778

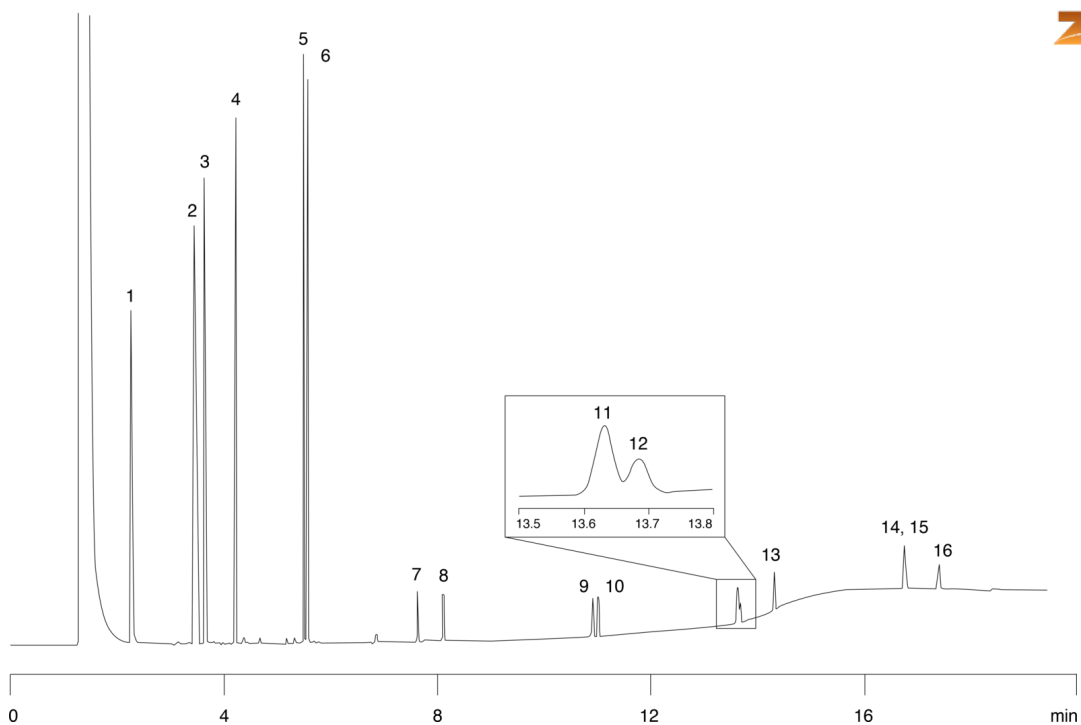
## EPA Method 8100: PAH's on ZB-5 30x0.25x0.5

**Column:** Zebtron™ ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.50 μm, Ea  
**Phase:** 5% Phenyl 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.5 μm  
**Order No:** 7HG-G002-17  
**Oven Profile:** 170°C to 240°C at 15°C/min to 310°C at 8°C/min to 330°C at 20°C/min (hold 5 min)  
**Carrier Gas:** Constant Flow Helium, 1.6 mL/min  
**Injection:** split 20:1 1 μL @ 260°C  
**Detection:** Flame Ionization (FID) (325°C)

14778



Products used in this application:



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### ANALYTES:

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

