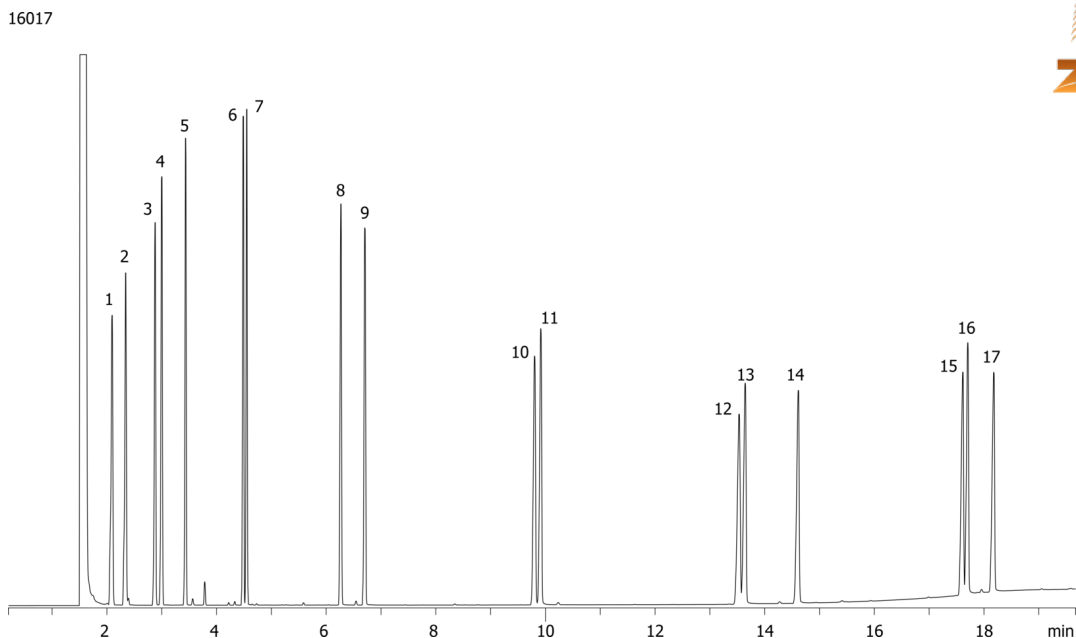


Polynuclear Aromatic Hydrocarbons (PAHs) on ZB-5MS

Column: Zebtron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G010-11
Oven Profile: 170°C to 240°C at 15°C/min to 275°C at 4°C/min to 320°C at 10°C/min for 5min
Carrier Gas: Constant Flow Helium, 1.4 mL/min
Injection: Split 15:1 1 µL @ 310°C
Detection: Flame Ionization (FID) (330°C)
Analyst Note: All analytes are 100ppm in dichloromethane.

**Products used in this application:**

Polynuclear Aromatic Hydrocarbons (PAHs) on ZB-5MS

ANALYTES:

- 1 Naphthalene
- 2 2-Methylnaphthalene
- 3 Acenaphthalene
- 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 Dibenz[a,h]anthracene
- 17 Benzo[g,h,i]perylene

