

## Polynuclear Aromatic Hydrocarbons (PAHs), EPA 8270 mix on ZB-XLB

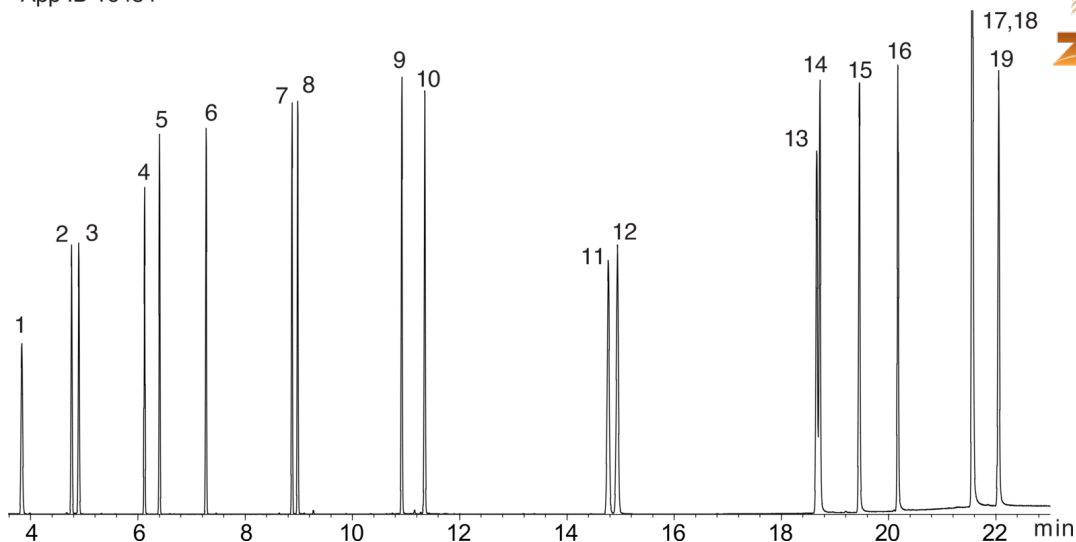
**Column:** Zebtron™ ZB-XLB, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** Proprietary XLB Phase  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G019-11  
**Oven Profile:** 100 °C to 260 °C @ 15 °C/min for 5 min to 340 °C @ 15 °C/min for 5 min.  
**Carrier Gas:** Constant Flow Helium, 1.2 mL/min  
**Injection:** Split 5:1 1 µL @ 250°C  
**Detection:** Mass Selective (MSD) (230°C)  
**Analyst Note:** 50ppm in dichloromethane



Products used in this application:



App ID 16484



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### ANALYTES:

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

