

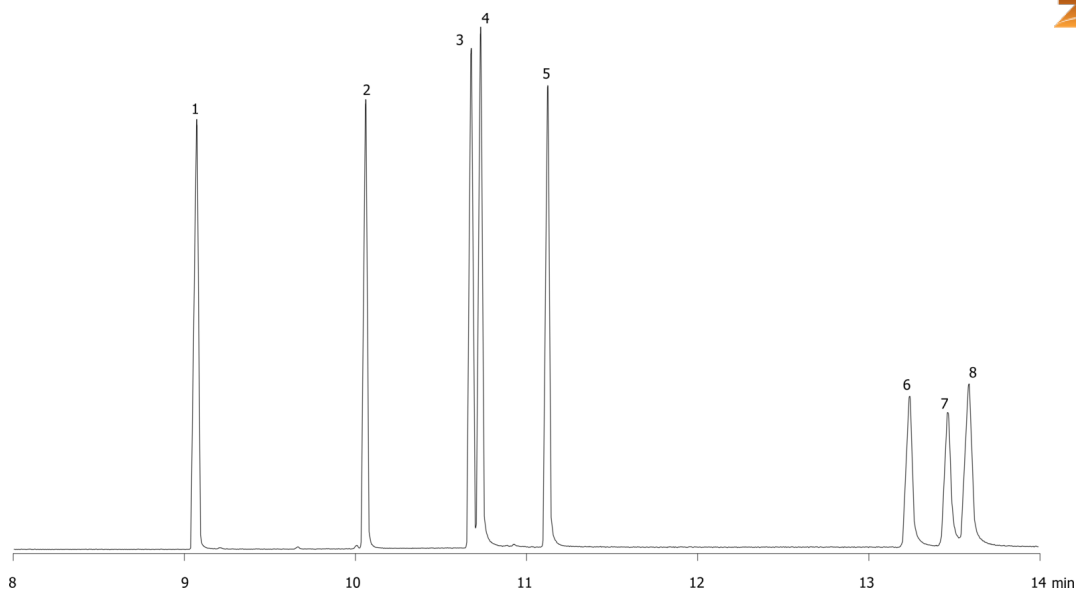
**Alternative Polynuclear Aromatic Hydrocarbons (PAH) on ZB-5MS**

**Column:** Zebron<sup>™</sup> ZB-5MS, GC Cap. Column 20 m x 0.18 mm x 0.18 µm, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 20 meters x 0.18 mm x 0.18 µm  
**Order No:** 7FD-G010-08  
**Oven Profile:** 130°C for 0.5min to 250°C at 25°C/min to 270°C at 6°C/min to 320°C at 25°C/min for 4 min  
**Carrier Gas:** Constant Flow Helium, 1.2 mL/min  
**Injection:** Split 15:1 1 µL @ 285°C  
**Detection:** Mass Selective (MSD) (180°C)

15561



Products used in this application:

**ANALYTES:**

- 1 Benzo[j]fluoranthene
- 2 3-Methylcholanthrene
- 3 Dibenz[a,h]acridine
- 4 Dibenz[a,,j]acridine
- 5 7H-Dibenzo[c,g]carbazole
- 6 Dibenzo[a,e]pyrene
- 7 Dibenzo[a,i]pyrene
- 8 Dibenzo[a,j]pyrene

