

# GC Application

ID No.: 18523

## US PAHs on ZB-35 by MSD

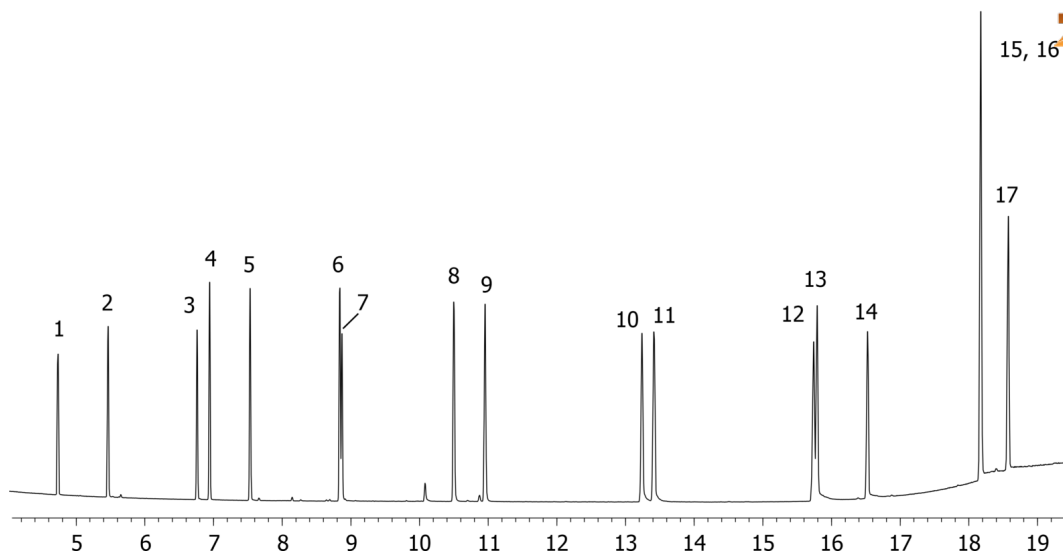
**Column:** Zebtron™ ZB-35, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 35% Phenyl 65% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G003-11  
**Oven Profile:** 80 °C for 0.66 to 250 °C @ 20 °C/min to 300 °C @8 °C/min to 360 °C @ 20 °C/min for 6 min  
**Carrier Gas:** Constant Flow Helium, 1.2 mL/min  
**Injection:** On-Column :1 1 μL @ 83°C  
**Detection:** Mass Selective (MSD) (360°C)  
**Analyst Note:** Analytes are 10 ppm in dichloromethane



Products used in this application:



18523



## US PAHs on ZB-35 by MSD

### 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 Dibenz[a,h]anthracene
- 16 Indeno[1,2,3-cd]pyrene
- 17 Benzo[g,h,i]perylene

