

## Polynuclear Aromatic Hydrocarbons (PAHs): US and EU Analytes on ZB-MR1

**Column:** Zebtron™ ZB-MultiResidue™-1, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

**Phase:**

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G016-11

**Oven Profile:** 70 °C for 0.5 min to 275 °C at 25 °C/min to 340 °C at 8 °C/min for 7 min

**Carrier Gas:** Constant Flow Helium, 1.4 mL/min

**Injection:** Splitless :1 1 µL @ 300°C

**Detection:** Mass Selective (MSD) (320°C)

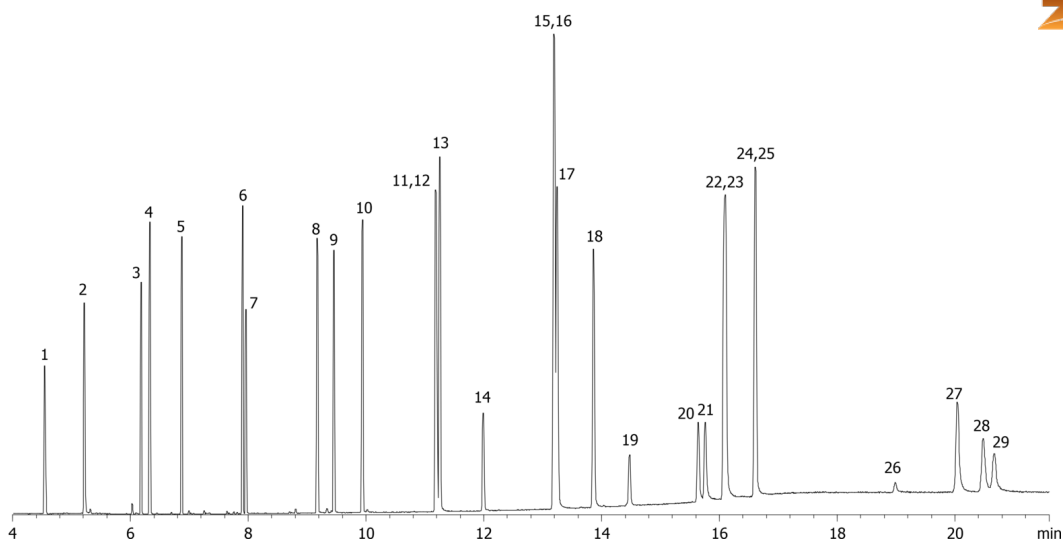
**Analyst Note:** Analytes are 5-15 ppm in Dichloromethane



Products used in this application:



16187



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### ANALYTES:

- 1 Naphthalene
- 2 2-Methylnaphthalene
- 3 Acenaphthylene
- 4 Acenaphthene
- 5 Fluorene
- 6 Phenanthrene
- 7 Anthracene
- 8 Fluoranthene
- 9 Pyrene
- 10 Benzo[c]fluorene
- 11 Benz[a]anthracene
- 12 Cyclopenta[c,d]pyrene
- 13 Chrysene
- 14 5-Methylchrysene
- 15 Benzo[b]fluoranthene
- 16 Benzo[j]fluoranthene
- 17 Benzo[k]fluoranthene
- 18 Benzo[a]pyrene
- 19 3-Methylcholanthrene
- 20 Dibenz[a,h]acridine
- 21 Dibenz[a,,j]acridine
- 22 Indeno[1,2,3-cd]pyrene
- 23 Dibenz[a,h]anthracene
- 24 Benzo[g,h,i]perylene
- 25 7H-Dibenzo[c,g]carbazole
- 26 Dibenzo[a,l]pyrene
- 27 Dibenzo[a,e]pyrene
- 28 Dibenzo[a,i]pyrene
- 29 Dibenzo[a,h]pyrene

