

## US and EU Polynuclear Aromatic Hydrocarbons (PAH's) on ZB-35HT

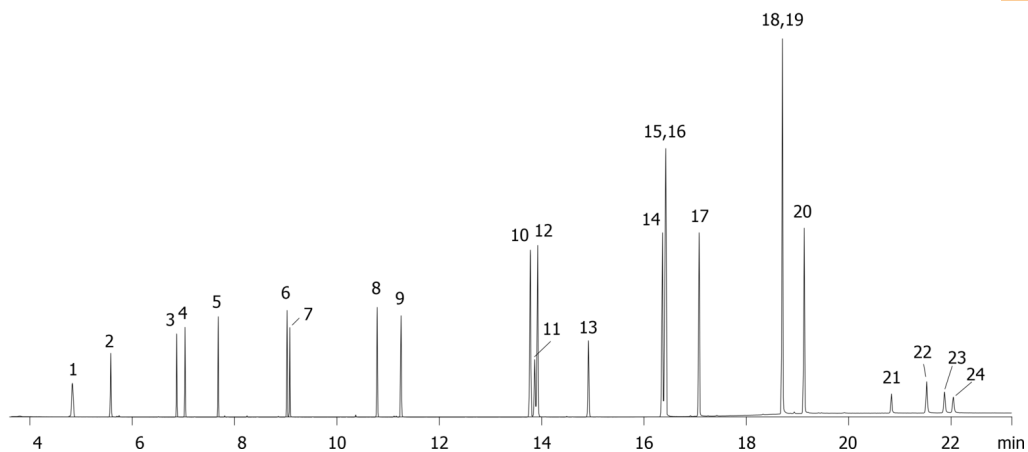
**Column:** Zebtron™ ZB-35HT, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** 35% Phenyl 65% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G025-11  
**Oven Profile:** 80 °C for 0.66 min to 250 °C @ 20 °C/min to 300 °C @ 8 °C/min to 360 °C @ 20 °C/min for 6 min  
**Carrier Gas:** Constant Flow Helium, 1.2 mL/min  
**Injection:** Splitless :1 1 µL @ 280°C  
**Detection:** Mass Selective (MSD) (360°C)  
**Analyst Note:** Pulsed Splitless injection @ 20psi for 0.66 min.  
All analytes @ 10ppm in dichloromethane



Products used in this application:



18038



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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 Benz[a]anthracene
- 11 Cyclopenta[c,d]pyrene
- 12 Chrysene
- 13 5-Methylchrysene
- 14 Benzo[b]fluoranthene
- 15 Benzo[j]fluoranthene
- 16 Benzo[k]fluoranthene
- 17 Benzo[a]pyrene
- 18 Dibenz[a,h]anthracene
- 19 Indeno[1,2,3-cd]pyrene
- 20 Benzo[g,h,i]perylene
- 21 Dibenzo[a,l]pyrene
- 22 Dibenzo[a,e]pyrene
- 23 Dibenzo[a,i]pyrene
- 24 Dibenzo[a,h]pyrene

