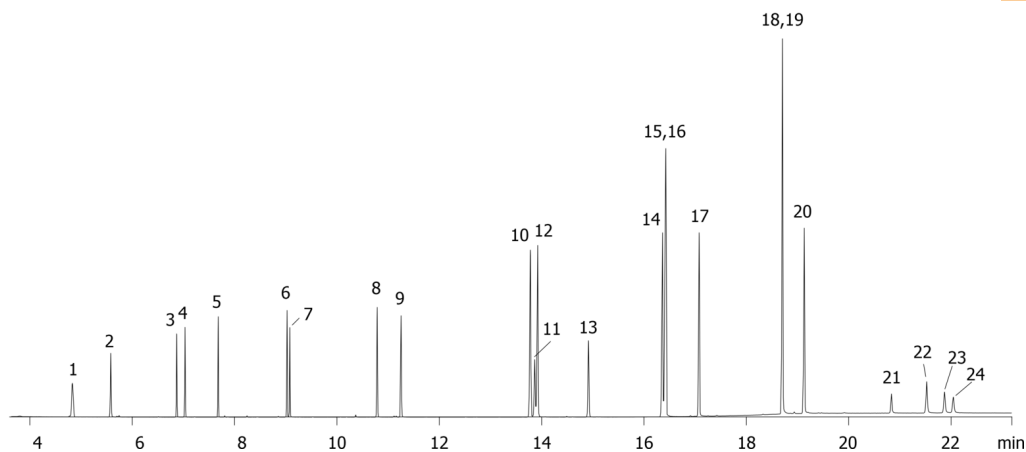


US and EU Polynuclear Aromatic Hydrocarbons (PAH's) on ZB-35HT

Column: Zebron[™] ZB-35HT, GC Cap. Column 30 m x 0.25 mm x 0.25 μ m, Ea
Phase: 35% Phenyl 65% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μ m
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 μ L @ 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



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

