

# GC Application

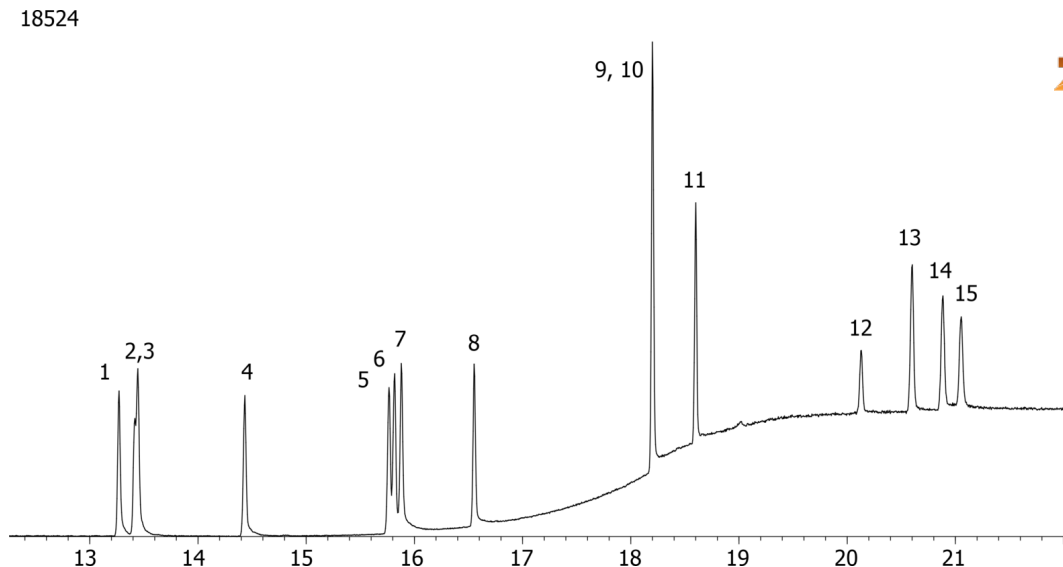
ID No.: 18524

## EU 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:



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### ANALYTES:

- 1 Benz[a]anthracene
- 2 Cyclopenta(c,d)pyrene
- 3 Chrysene
- 4 5-Methylchrysene
- 5 Benzo[b]fluoranthene
- 6 Benzo[k]fluoranthene
- 7 Benzo[j]fluoranthene
- 8 Benzo[a]pyrene
- 9 Dibenz[a,h]anthracene
- 10 Indeno[1,2,3-cd]pyrene
- 11 Benzo[g,h,i]perylene
- 12 Dibenzo[a,l]pyrene
- 13 Dibenzo[a,e]pyrene
- 14 Dibenzo[a,i]pyrene
- 15 Dibenzo[a,h]pyrene

