

GC Application

ID No.: 14781

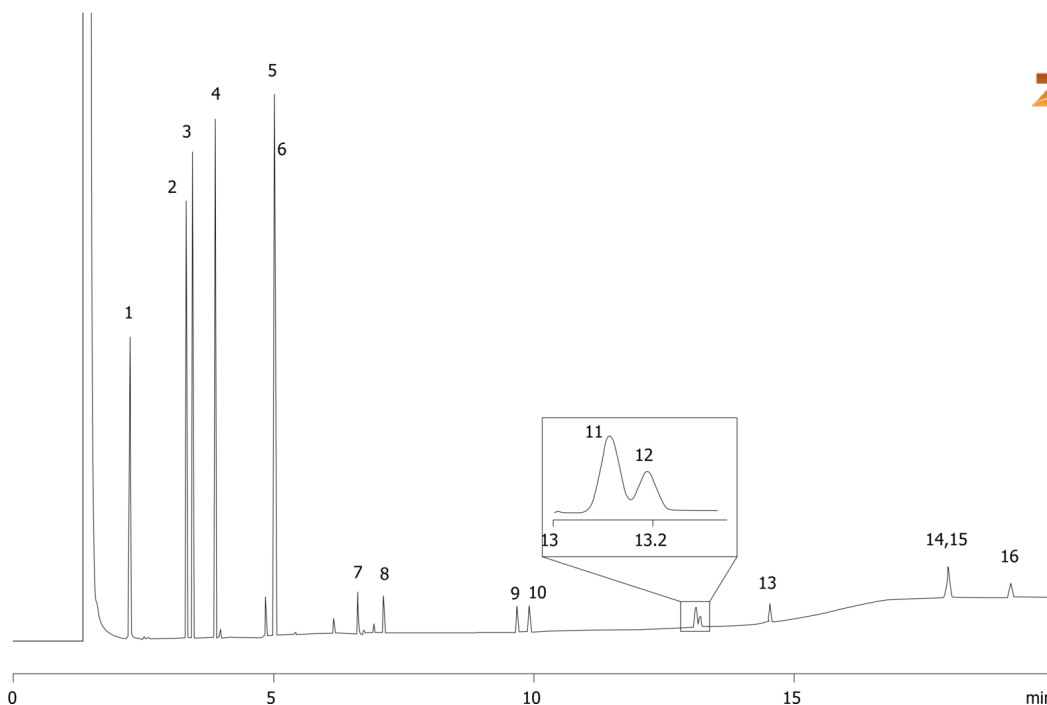
EPA Method 8100: PAH's on ZB-35 30x0.25x0.5

Column: Zebtron™ ZB-35, GC Cap. Column 30 m x 0.25 mm x 0.50 μm, Ea
Phase: 35% Phenyl 65% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.5 μm
Order No: 7HG-G003-17
Oven Profile: 180°C to 285°C at 20°C/min to 320°C at 4°C/min to 340°C at 10°C/min (hold 8 min)
Carrier Gas: Constant Flow Helium, 1.4 mL/min
Injection: split 20:1 1 μL @ 260°C
Detection: Flame Ionization (FID) (325°C)

14781



Products used in this application:



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ANALYTES:

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

