

GC Application

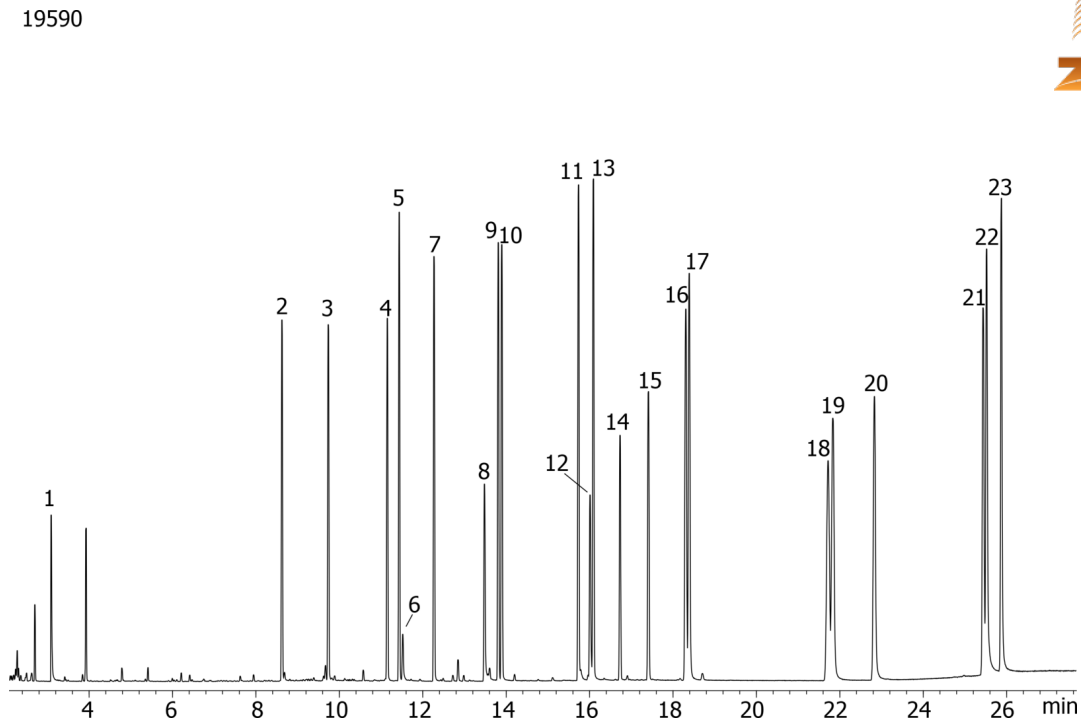
ID No.: 19590

Abbreviated 8270 PAH Mix on ZB-5MS 30 x 0.25 x 0.25

Column: Zebron[™] ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G010-11
Oven Profile: 40 °C for 2 min to 260 °C @ 15 °C/min for 5 min to 320 °C @ 15 °C/min for 2 min
Carrier Gas: Constant Flow Helium, 1.5 mL/min
Injection: On-Column 30:1 0.1 µL @ 43°C
Detection: Mass Selective (MSD) (340°C)
Analyst Note: Sample dissolved at 10 ppm in methylene chloride



Products used in this application:



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ANALYTES:

- 1 Pyridine
- 2 Naphthalene
- 3 2-Methylnaphthalene
- 4 Acenaphthylene
- 5 Acenaphthene
- 6 2,4-Dinitrophenol
- 7 Fluorene
- 8 Pentachlorophenol
- 9 Phenanthrene
- 10 Anthracene
- 11 Fluoranthene
- 12 Benzidine
- 13 Pyrene
- 14 Endrin
- 15 DDT
- 16 Chrysene
- 17 Benz[a]anthracene
- 18 Benzo[b]fluoranthene
- 19 Benzo[k]fluoranthene
- 20 Benzo[a]pyrene
- 21 Indeno[1,2,3-cd]pyrene
- 22 Dibenz[a,h]anthracene
- 23 Benzo[g,h,i]perylene

