

GC Application

ID No.: 16090

PAHs including European Analytes on ZB-50

Column: Zebron[™] ZB-50, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 50% Phenyl 50% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
Order No: 7HG-G004-11
Oven Profile: 80°C to 265°C at 15°C/min to 290°C at 5°C/min to 330°C at 20°C/min for 15min

Carrier Gas: Constant Flow Helium, 1.2 mL/min

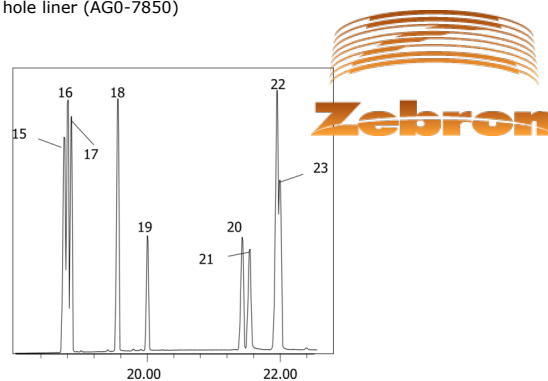
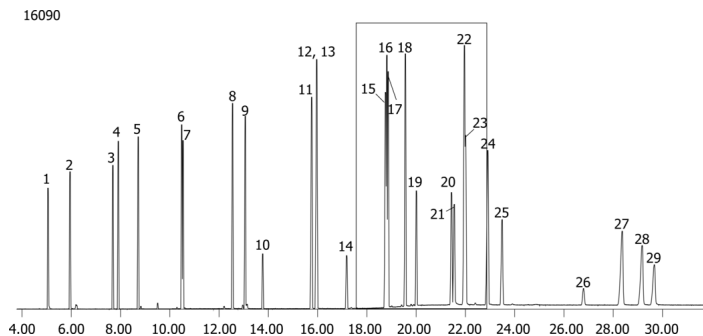
Injection: Pulsed :1 1 μL @ 320°C

Detection: Mass Selective (MSD) (330°C)

Analyst Note: Injection was pulsed splitless at 40psi for 0.5min using direct-connect drilled top hole liner (AG0-7850)



Products used in this application:



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ANALYTES:

- 1 Naphthalene
- 2 2-Methylnaphthalene
- 3 Acenaphthalene
- 4 Acenaphthene
- 5 Fluorene
- 6 Phenanthrene
- 7 Anthracene
- 8 Fluoranthene
- 9 Pyrene
- 10 Benzo[c]fluorene
- 11 Benz[a]anthracene
- 12 Chrysene
- 13 Cyclopenta[c,d]pyrene
- 14 5-Methylchrysene
- 15 Benzo[b]fluoranthene
- 16 Benzo[k]fluoranthene
- 17 Benzo[j]fluoranthene
- 18 Benzo[a]pyrene
- 19 3-Methylcholanthrene
- 20 Dibenz[a,h]acridine
- 21 Dibenz[a,,j]acridine
- 22 Dibenz[a,h]anthracene
- 23 Indeno[1,2,3-cd]pyrene
- 24 Benzo[g,h,i]perylene
- 25 7H-Dibenzo[c,g]carbazole
- 26 Dibenzo[a,l]pyrene
- 27 Dibenzo[a,e]pyrene
- 28 Dibenzo[a,i]pyrene
- 29 Dibenzo[a,h]pyrene

