

GC Application

ID No.: 25753

Analysis of EU-PAH 15+1 and Triphenylene PAH using a 30 meter Zebron ZB-PAH-CT GC column

Column: Zebron ZB-PAH-CT, GC Cap. Column 30m x 0.25mm x 0.20µm, Ea

Phase:

Dimensions: 30 meters x 0.25 mm x 0.2 µm

Order No: 7HG-G044-10

Oven Profile: 45°C for .8 min to 200°C @ 45°C/min to 266°C @ 3°C/min to 320°C @ 10°C/min 320°C for 20 min

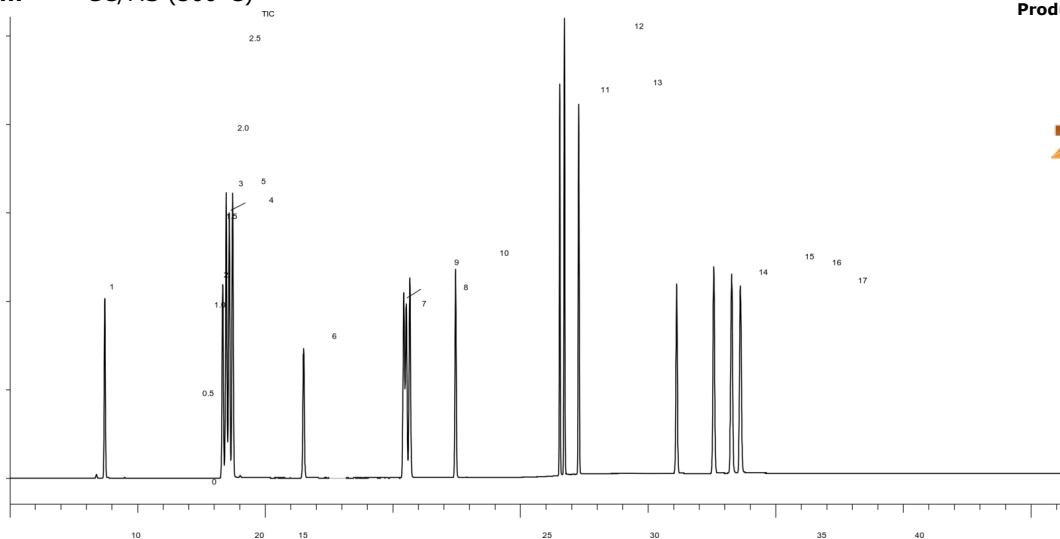
Carrier Gas: Constant Pressure Helium, 23.7 psi

Injection: Split 15:1 1 µL @ 320°C

Detection: GC/MS (300°C)



Products used in this application:



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ANALYTES:

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

