

GC Application

ID No.: 16526

PAH mix on ZB-MR1

Column: Zebtron[™] ZB-MultiResidue[™]-1, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G016-11

Oven Profile: 100°C to 260°C @ 15°C/min to 280°C @ 8°C/min to 320 °C @ 15 °C/min for 5 min

Carrier Gas: Constant Flow Helium, 1.2 mL/min

Injection: Splitless :1 1 μL @ 240°C

Detection: Mass Selective (MSD) (230°C)

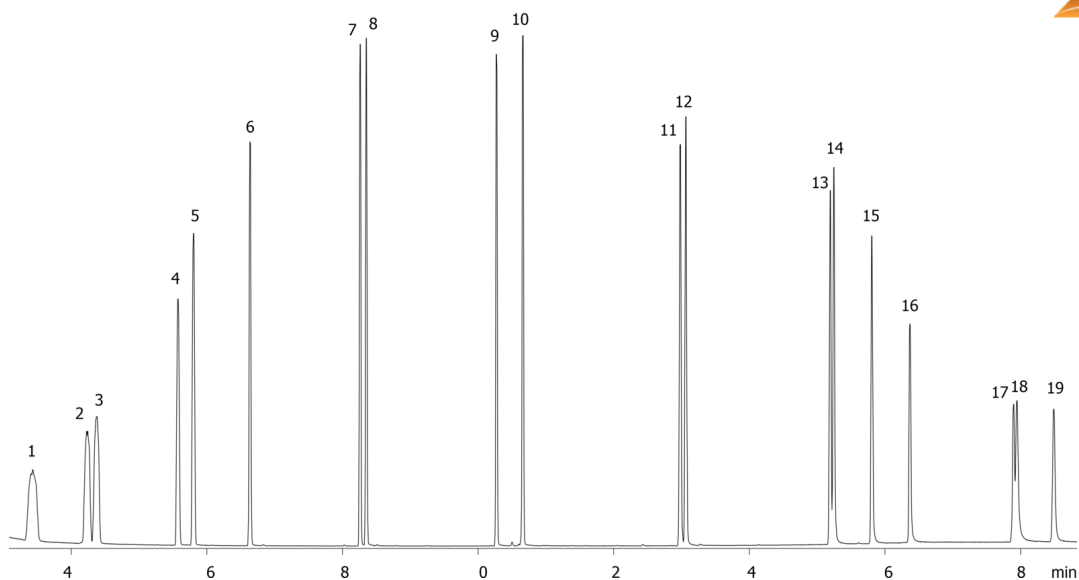
Analyst Note: 20ppm PAH mix in isooctane.



Products used in this application:



16526



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ANALYTES:

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

