

GC Application

ID No.: 16498

Polynuclear Aromatic Hydrocarbons (PAHs) 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: 60 °C for 2 min to 200 °C @ 15 °C/min to 320 °C @ 30 °C/min for 2 min

Carrier Gas: Constant Flow Helium, 1.2 mL/min

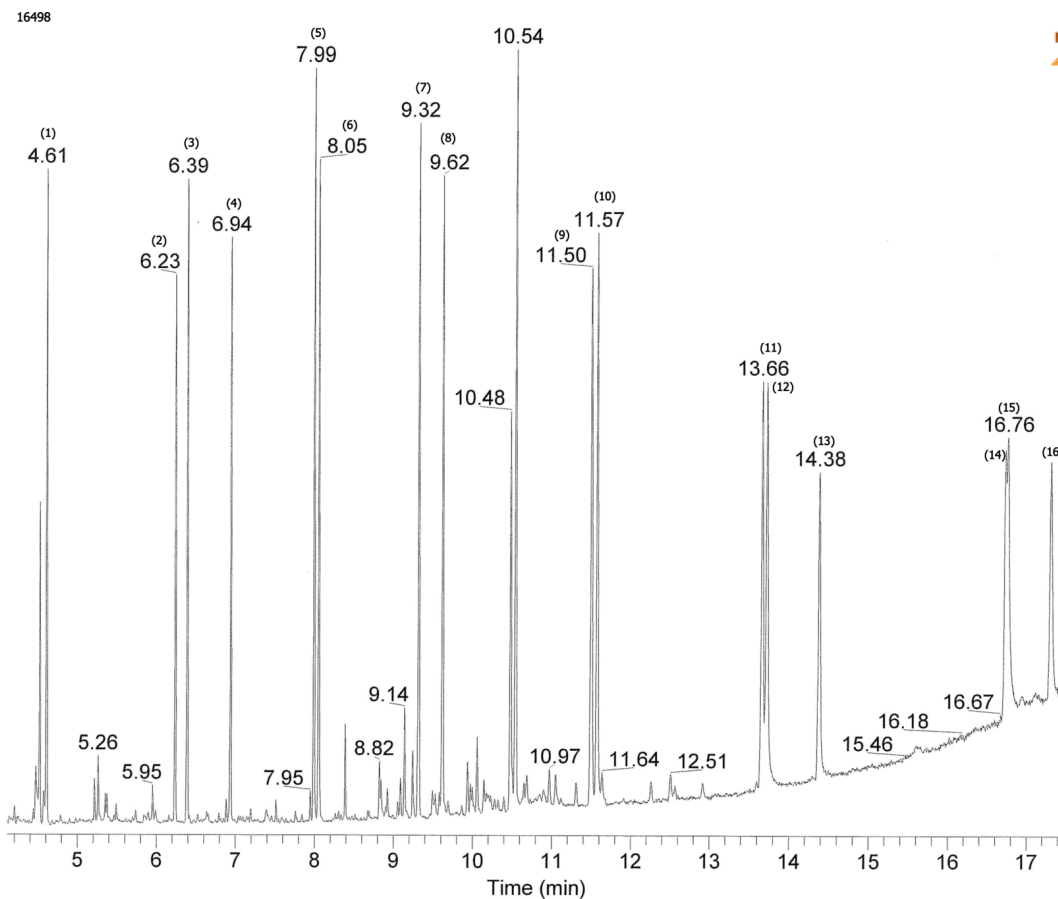
Injection: Splitless :1 1 μL @ 260°C

Detection: Mass Selective (MSD) (180°C)

Analyst Note: Column with 5 meter guard. Analytes are 1.0 ppm.
Application courtesy of Annegret Tischendorf, Südsachsen Wasser GmbH



Products used in this application:



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ANALYTES:

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

