

GC Application

ID No.: 16497

Heterocyclics 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

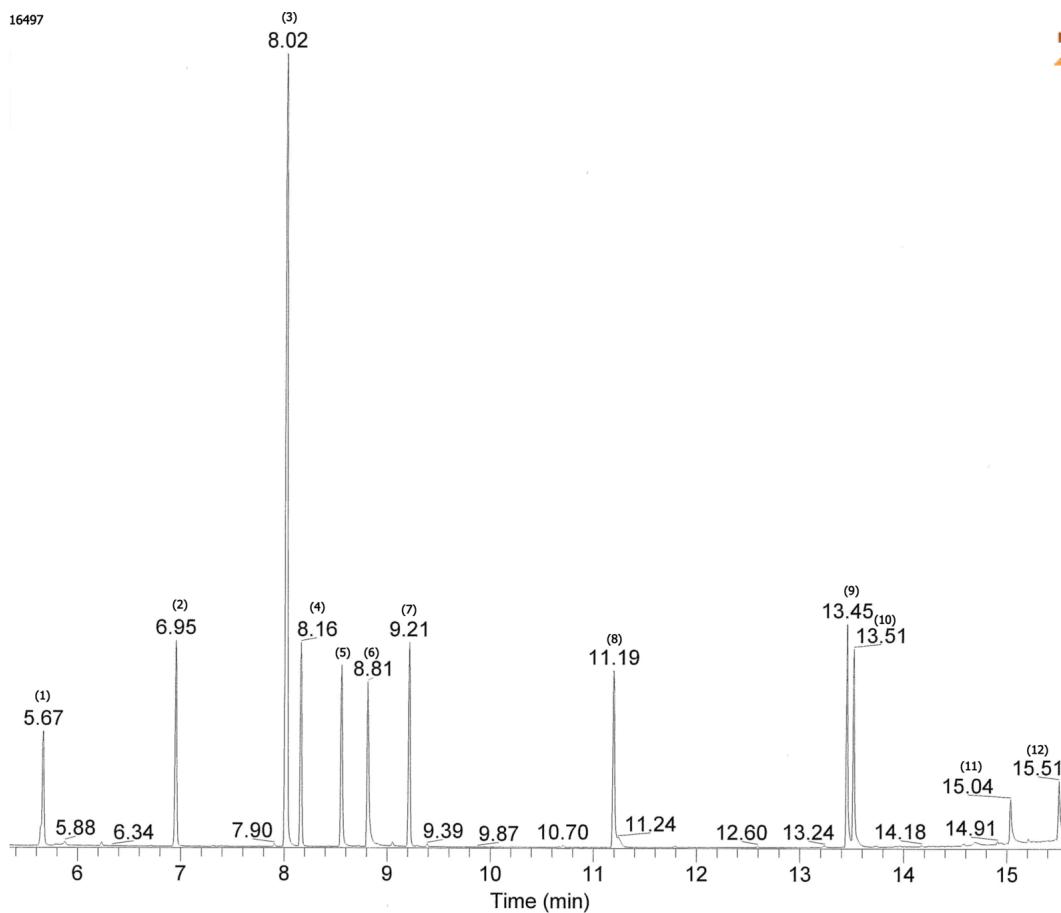
Injection: Splitless :1 1 μL @ 260°C

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 Benzo(b)furan
- 2 2-Methylbenzofuran
- 3 1-Benzothiophen
- 4 2,3-Dimethylbenzofuran
- 5 Chinolin
- 6 Isochinolin
- 7 3-Methylbenzothiophen
- 8 Dibenzofuran
- 9 Carbazole
- 10 Xanthenone
- 11 (5H)-Phenantridinone
- 12 Acridinon

