

# GC Application

ID No.: 16493

## Organophosphorous Pesticides 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 0.5 min to 130 °C @ 10 °C/min to 230 °C @ 4 °C/min to 300 °C @ 10 °C/min

**Carrier Gas:** Constant Flow Helium, 1.2 mL/min

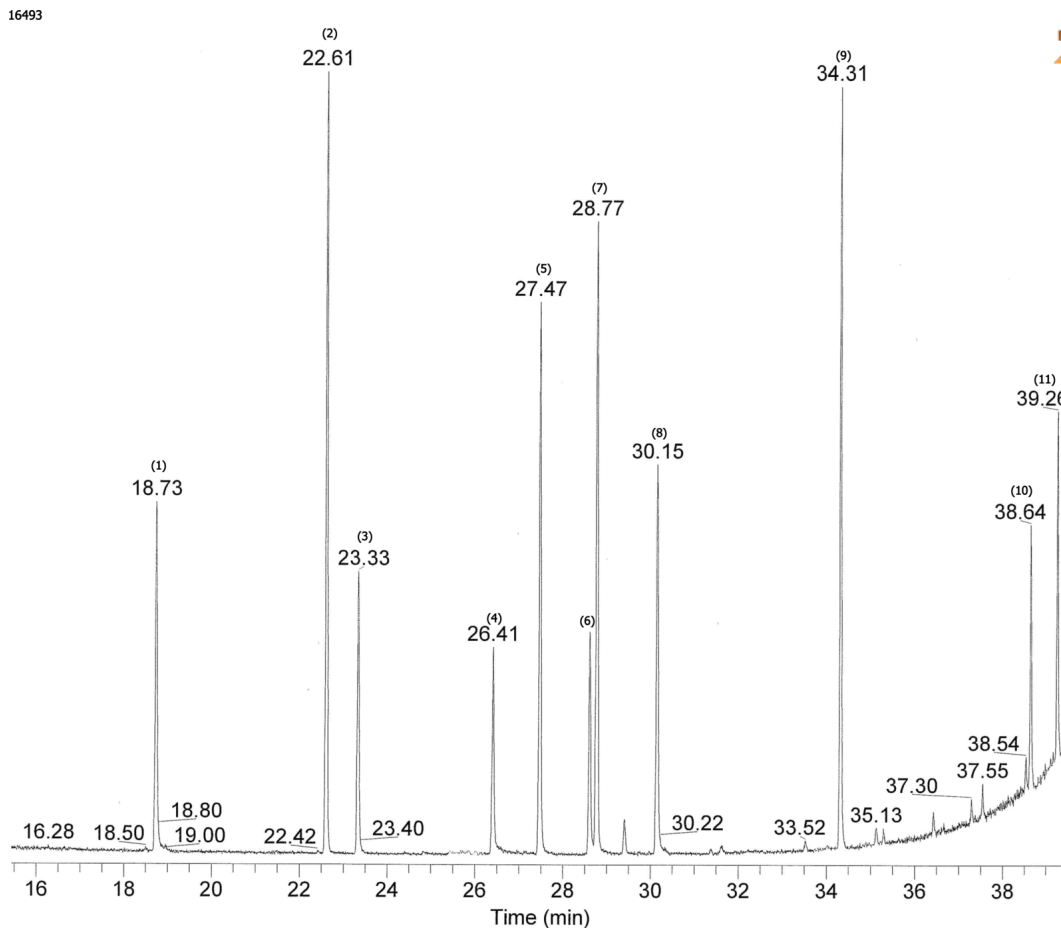
**Injection:** Splitless :1 1 µL @ 260°C

**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 Ethoprop
- 2 Diazinon
- 3 Disulfoton
- 4 Parathion-methyl
- 5 Malathion
- 6 Parathion
- 7 Bromophos-methyl
- 8 Chlorfenvinphos
- 9 Ethion
- 10 Azinphos-methyl
- 11 Azinphos-ethyl

