# **GC Application** ID No.: **16225**



#### **EPA 8081: Organochlorine Pesticides on ZB-MR1**

Zebron™ ZB-MultiResidue™-1, GC Cap. Column 30 m x 0.32 mm x 0.50 µm, Ea Column:

Phase: Proprietary Pesticides Phase **Dimensions:** 30 meters x 0.32 mm x 0.5 μm

Order No: 7HM-G016-17

**Oven Profile:** 100 °C for 0.5 min to 220 °C at 35 °C/min to 340 °C at 20 °C/min for 2

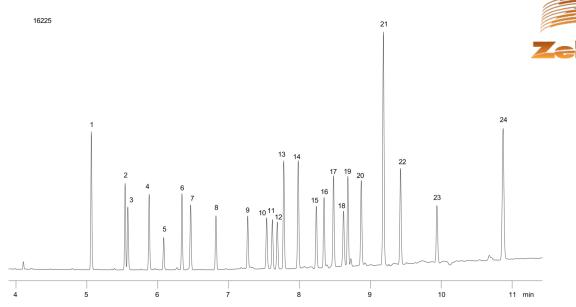
**Carrier Gas:** Constant Pressure Helium, 4.9 mL/min

Injection: Splitless:11 µL @ 250°C **Detection:** Electron Capture (ECD) (340°C)

Analyst Note: Analytes were 40ppb. Constant head pressure of 25.0 psi. A 5 meter guard column was attached to both



Products used in this application:





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#### **ANALYTES:**

- 1 TCMX
- 2 alpha-BHC
- 3 Hexachlorobenzene
- gama-BHC
- b-BHC
- delta-BHC 6
- Heptachlor
- Aldrin
- Heptachlor epoxide 9
- 10 trans-Chlordane
- 11 cis-Chlordane
- 12 Endosulfan I
- **13** 4,4'-DDE
- 14 Dieldrin
- 15 Endrin
- **16** 4,4'-DDD
- 17 Endosulfan II
- 18 Endrin aldehyde
- **19** 4,4'-DDT
- 20 Endosulfan sulfate
- 21 Methoxychlor
- 22 Endrin ketone
- 23 Mirex
- 24 Decachlorobiphenyl

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