

## EPA 8081: Organochlorine Pesticides on ZB-MR1

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

**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 min

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

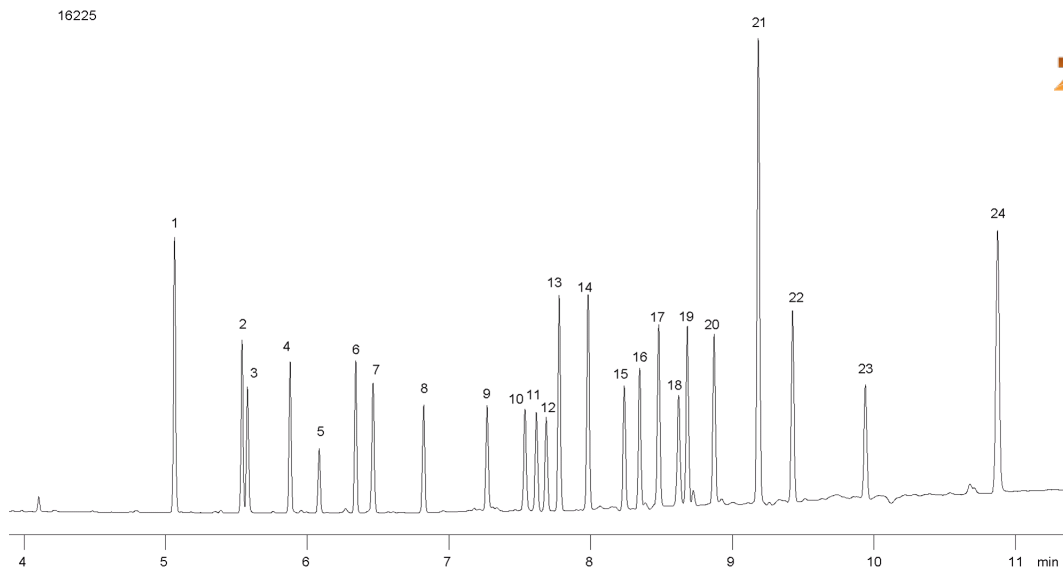
**Injection:** Splitless :1 1 μL @ 250°C

**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 (surrogate)
- 2 alpha-BHC
- 3 Hexachlorobenzene
- 4 gama-BHC (Lindane)
- 5 b-BHC
- 6 delta-BHC
- 7 Heptachlor
- 8 Aldrin
- 9 Heptachlor epoxide
- 10 trans-Chlordane (gamma)
- 11 cis-Chlordane (alpha)
- 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 (surrogate)

