

# GC Application

ID No.: 22621

## EPA 505.1 by GC/ECD on ZB-CLPesticides-1 (Helium Gas)

**Column:** Zebron ZB-CLPesticides-1 Column 30m x 0.32mm x 0.32µm , Ea

**Phase:** Proprietary Pesticides Phase

**Dimensions:** 30 meters x 0.32 mm x 0.32 µm

**Order No:** 7HM-G028-51

**Oven Profile:** 90 °C for 1 min to 310 °C @ 10 °C/min for 5 min

**Carrier Gas:** Constant Flow Helium, 40 cm/sec

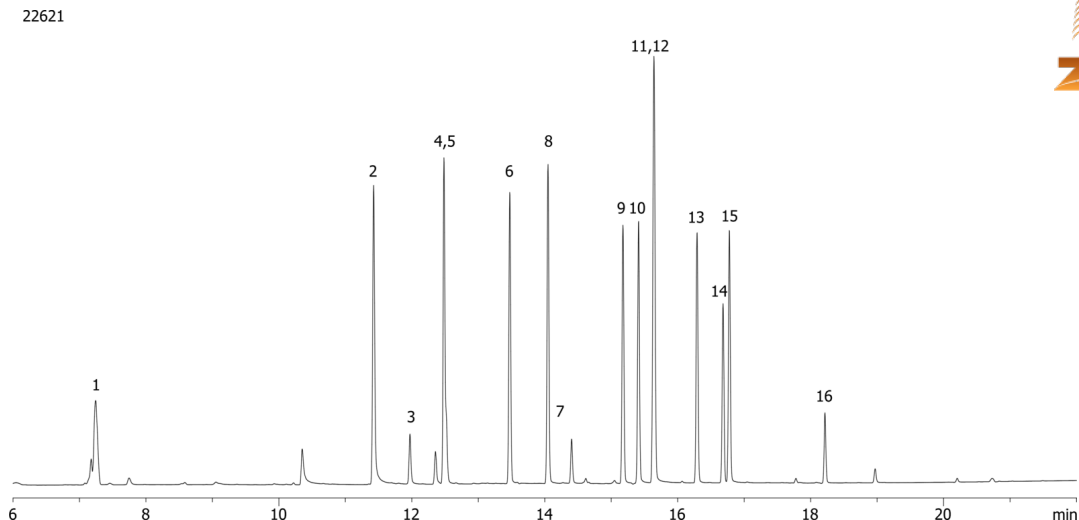
**Injection:** Splitless :1 2 µL @ 250°C

**Detection:** Electron Capture (ECD) (325°C)

**Analyst Note:** All analytes are at 200 ppb except Atrazine and Simazine at 4.2 ppm



Products used in this application:



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### ANALYTES:

- 1 Hexachlorocyclopentadiene
- 2 Hexachlorobenzene
- 3 Simazine
- 4 Atrazine
- 5 g-BHC
- 6 Heptachlor
- 7 Alachlor
- 8 Aldrin
- 9 Heptachlor Epoxide
- 10 g-Chlordane
- 11 trans-Nonachlor
- 12 a-Chlordane
- 13 Dieldrin
- 14 Endrin
- 15 cis-Nonachlor
- 16 Methoxychlor

