

# GC Application

ID No.: 16239

## EPA 8081 including PCB congeners and o,p'-DDD on ZB-MR1

**Column:** Zebron<sup>™</sup> ZB-MultiResidue<sup>™</sup>-1, GC Cap. Column 30 m x 0.32 mm x 0.50  $\mu$ m, Ea

**Phase:** Proprietary Pesticides Phase

**Dimensions:** 30 meters x 0.32 mm x 0.5  $\mu$ m

**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 4 min

**Carrier Gas:** Constant Pressure Helium, 3.6 mL/min

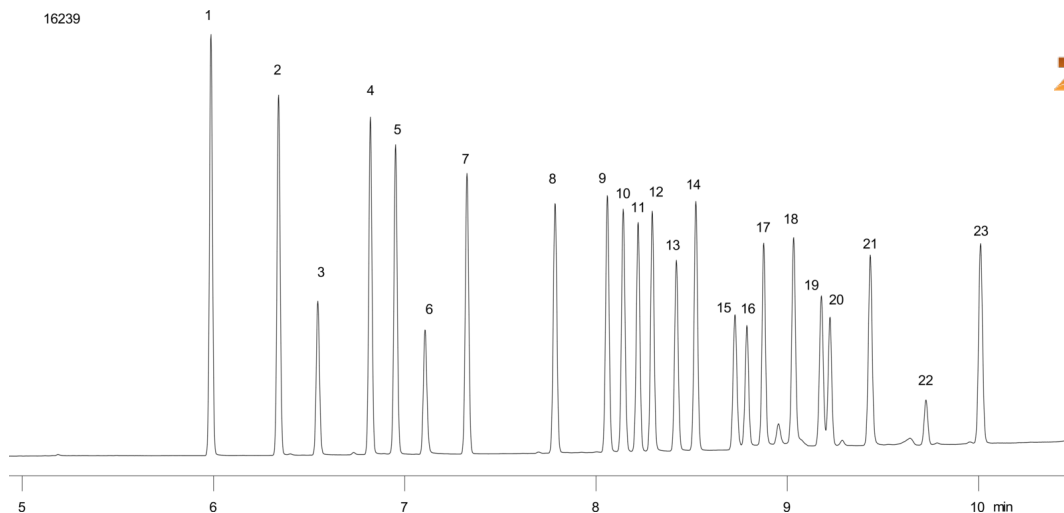
**Injection:** On-Column :1 0.5  $\mu$ L @ 103°C

**Detection:** Electron Capture (ECD) (340°C)

**Analyst Note:** Analytes are 50ppb in iso-octane



Products used in this application:



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### ANALYTES:

- 1 alpha-BHC
- 2 gama-BHC
- 3 b-BHC
- 4 delta-BHC
- 5 Heptachlor
- 6 BZ# 52
- 7 Aldrin
- 8 Heptachlor epoxide
- 9 gamma-Chlordane
- 10 alpha-Chlordane
- 11 Endosulfan I
- 12 4,4'-DDE
- 13 2,4'-DDD
- 14 Dieldrin
- 15 BZ# 118
- 16 Endrin
- 17 4,4'-DDD
- 18 Endosulfan II
- 19 Endrin aldehyde
- 20 4,4'-DDT
- 21 Endosulfan sulfate
- 22 Methoxychlor
- 23 Endrin ketone

