

# GC Application

ID No.: 17540

## Organochlorine Pesticides (EPA 8081) Mix # 1 on ZB-MR1

**Column:** Zebtron<sup>™</sup> ZB-MultiResidue<sup>™</sup>-1, GC Cap. Column 30 m x 0.25 mm x 0.25  $\mu$ m, Ea

**Phase:** Proprietary Pesticides Phase

**Dimensions:** 30 meters x 0.25 mm x 0.25  $\mu$ m

**Order No:** 7HG-G016-11

**Oven Profile:** 40 °C for 1 min to 100 °C @ 15 °C/min to 225 °C @ 5 °C/min to 320 °C @ 15 °C/min for 5 min

**Carrier Gas:** Constant Flow Helium, 0.7 mL/min

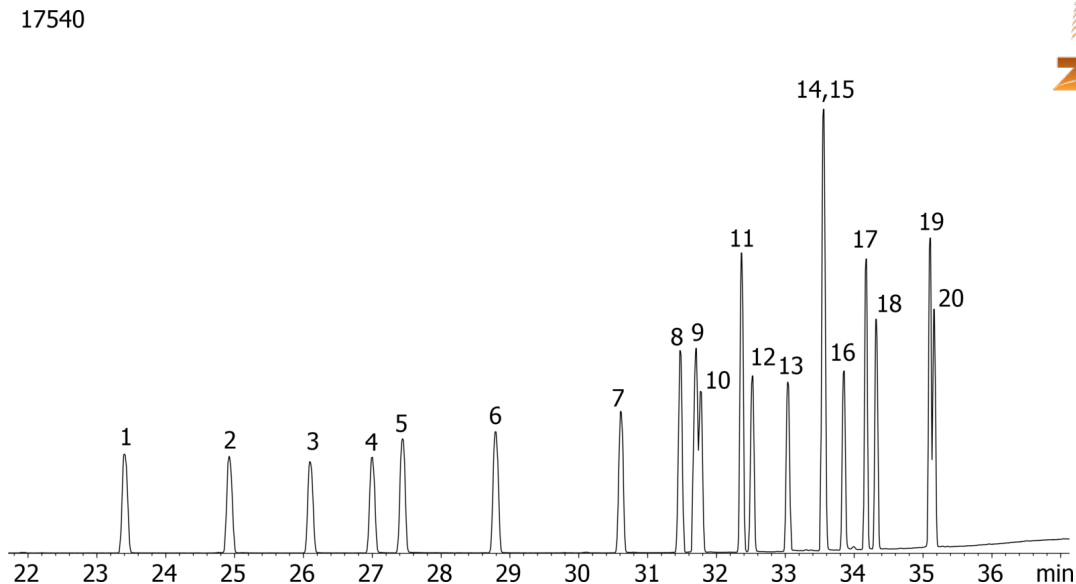
**Injection:** On-Column :1 0.5  $\mu$ L @ 43°C

**Detection:** Mass Selective (MSD) (335°C)

**Analyst Note:** Analytes 10 ppm in Acetone



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 Aldrin
- 7 Heptachlor epoxide
- 8 gamma-Chlordane (trans)
- 9 alpha-Chlordane (cis)
- 10 Endosulfan I
- 11 DDE
- 12 Dieldrin
- 13 Endrin
- 14 DDD
- 15 Endosulfan II
- 16 Endrin aldehyde
- 17 DDT
- 18 Endosulfan sulfate
- 19 Methoxychlor
- 20 Endrin ketone

