

# GC Application

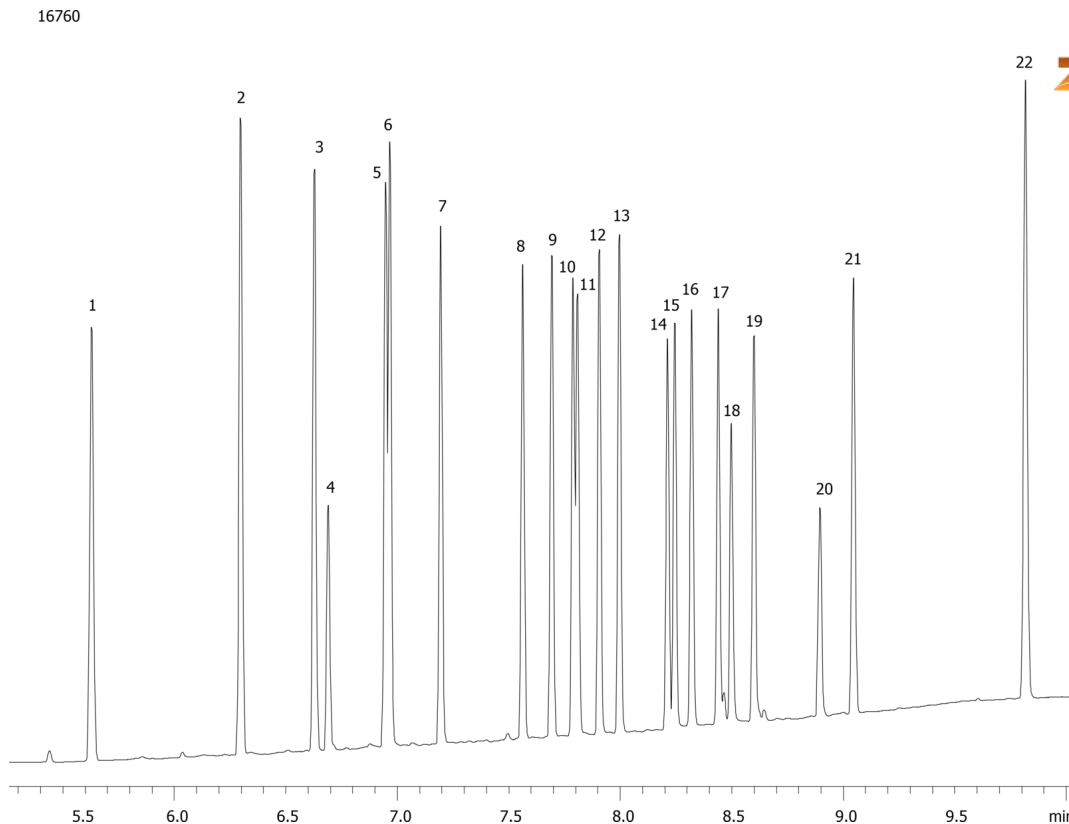
ID No.: 16760

## EPA Method 8081A on ZB-35 (Carrier Gas: Helium)

**Column:** Zebron<sup>™</sup> ZB-35, GC Cap. Column 30 m x 0.32 mm x 0.25  $\mu$ m, Ea  
**Phase:** 35% Phenyl 65% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.32 mm x 0.25  $\mu$ m  
**Order No:** 7HM-G003-11  
**Oven Profile:** 110 °C for 0.5 min to 190 °C @ 18 °C/min to 330 °C @ 35 °C/min for 2 min.  
**Carrier Gas:** Constant Flow Helium, 2.6 mL/min  
**Injection:** Splitless :1 1  $\mu$ L @ 250°C  
**Detection:** Electron Capture (ECD) (335°C)  
**Analyst Note:** Analytes are 50 ppb in isoocatane



Products used in this application:



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### ANALYTES:

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

