

# GC Application

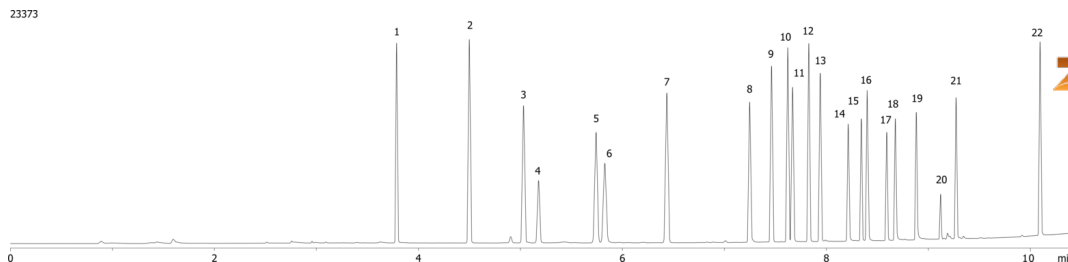
ID No.: 23374

## EPA 8081 by GC/ECD on ZB-CLPesticides-2 (Hydrogen Gas)

**Column:** Zebron ZB-CLPesticides-2 Column 30m x 0.32mm x 0.25µm , Ea  
**Phase:** Proprietary Pesticides Phase  
**Dimensions:** 30 meters x 0.32 mm x 0.25 µm  
**Order No:** 7HM-G029-11  
**Oven Profile:** 85 °C for 0.5 min to 195 °C at 45 °C/min for 3 min to 330 °C at 30 °C/min  
**Carrier Gas:** Constant Flow Hydrogen, 3.5 mL/min  
**Injection:** Splitless :1 1 µL @ 250°C  
**Detection:** Electron Capture (ECD) (330°C)  
**Analyst Note:** Analytes are 100 ng/mL in Hexane



Products used in this application:



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### ANALYTES:

- 1 2,4,5,6-TCMX (Surr)
- 2 a-BHC
- 3 g-BHC
- 4 b-BHC
- 5 d-BHC
- 6 Heptachlor
- 7 Aldrin
- 8 Heptachlor epoxide
- 9 trans-Chlordane
- 10 cis-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 Methoxychlor
- 20 Endosulfan sulfate
- 21 Endrin ketone
- 22 Decachlorobiphenyl (Surr)

