

# GC Application

ID No.: 18173

## Polychlorinated Biphenyls (PCBs) on ZB-XLB-HT

**Column:** Zebtron™ ZB-XLB-HT, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

**Phase:** Proprietary XLB Phase

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G024-11

**Oven Profile:** 50 °C for 0.5 min to 210 °C @ 40 °C/min for 3 min to 230 °C @ 30 °C/min for 5 min to 250 °C @ 30 °C/min for 5 min to 320 °C @ 40 °C/min

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min

**Injection:** Split 2:1 1 µL @ 250°C

**Detection:** Electron Capture (ECD) (350°C)

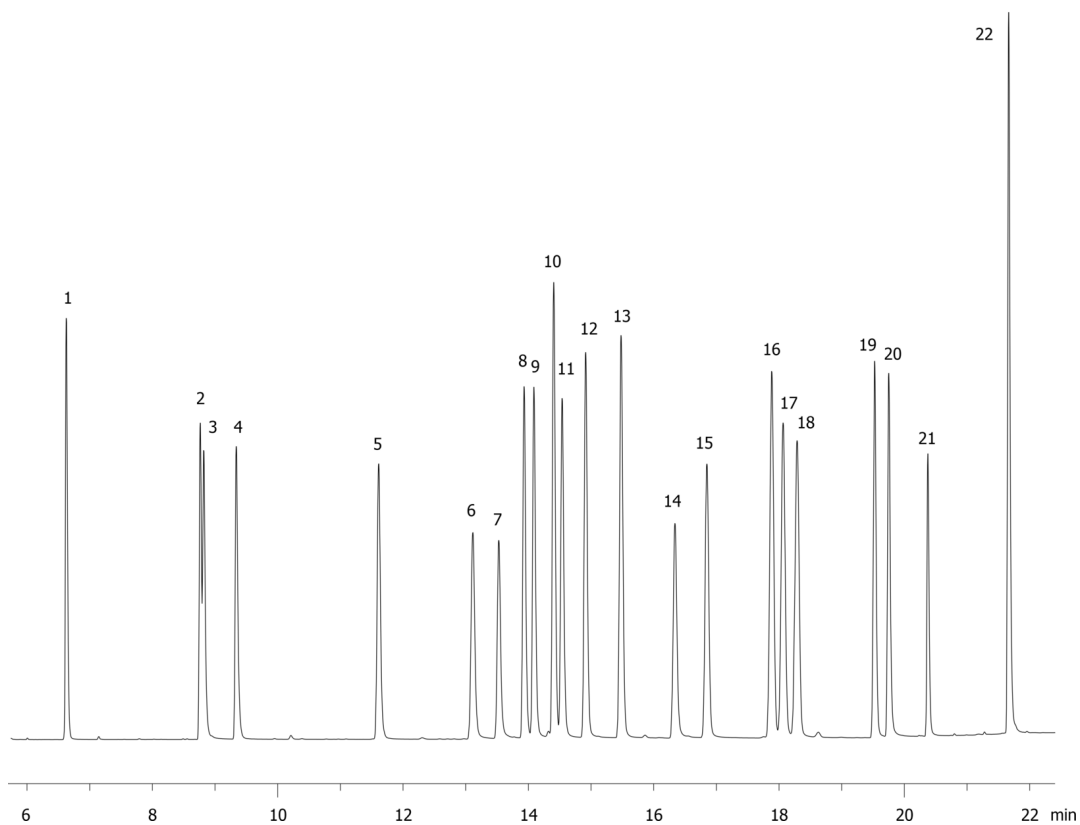
**Detector Info:** Pressure pulse at 40 psi for 0.25 min. was used

**Analyst Note:** PCBs at 25ppb in iso-octane

18173



Products used in this application:



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### ANALYTES:

- 1 TCMX
- 2 BZ# 31
- 3 BZ# 28
- 4 BZ# 52
- 5 BZ# 101
- 6 BZ# 81
- 7 BZ# 77
- 8 BZ# 123
- 9 BZ# 118
- 10 BZ# 114
- 11 BZ# 153
- 12 BZ# 105
- 13 BZ# 138
- 14 BZ# 126
- 15 BZ# 167
- 16 BZ# 156
- 17 BZ# 157
- 18 BZ# 180
- 19 BZ# 170
- 20 BZ# 169
- 21 BZ# 189
- 22 DCB

