

# GC Application

ID No.: 14775

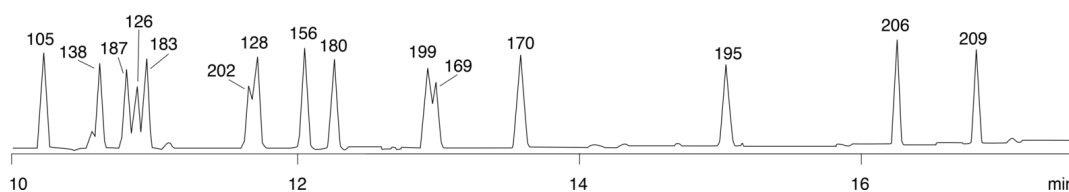
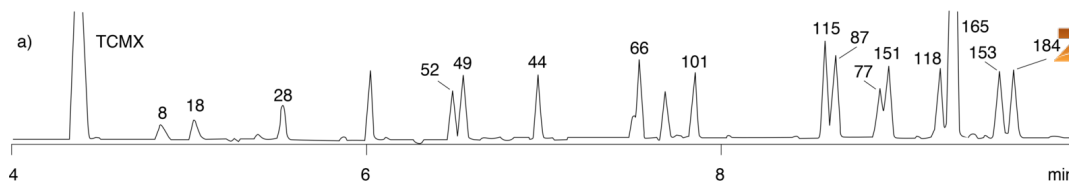
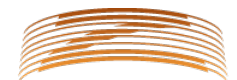
## PCB Congener Analysis on ZB-50 (Mix 1)

**Column:** Zebtron™ ZB-50, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea  
**Phase:** 50% Phenyl 50% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.32 mm x 0.25 µm  
**Order No:** 7HM-G004-11  
**Oven Profile:** 130°C to 230 °C @ 20°C/min to 270°C at 4 °C/min to 300 °C @ 20 °C/min (hold 1 min)  
**Carrier Gas:** Constant Flow Helium, 2.5 mL/min  
**Injection:** Splitless :1 1 µL @ 225°C  
**Detection:** Electron Capture (ECD) (325°C)

14775



Products used in this application:



## PCB Congener Analysis on ZB-50 (Mix 1)

### ANALYTES:

- 1 Tetrachloro-m-xylene
- 2 8
- 3 18
- 4 28
- 5 52
- 6 49
- 7 44
- 8 66
- 9 101
- 10 115
- 11 87
- 12 77
- 13 151
- 14 118
- 15 168
- 16 153
- 17 184
- 18 105
- 19 138
- 20 187
- 21 183
- 22 126
- 23 202
- 24 128
- 25 156
- 26 180
- 27 199
- 28 169
- 29 170
- 30 195
- 31 206
- 32 209

