

GC Application

ID No.: 18174

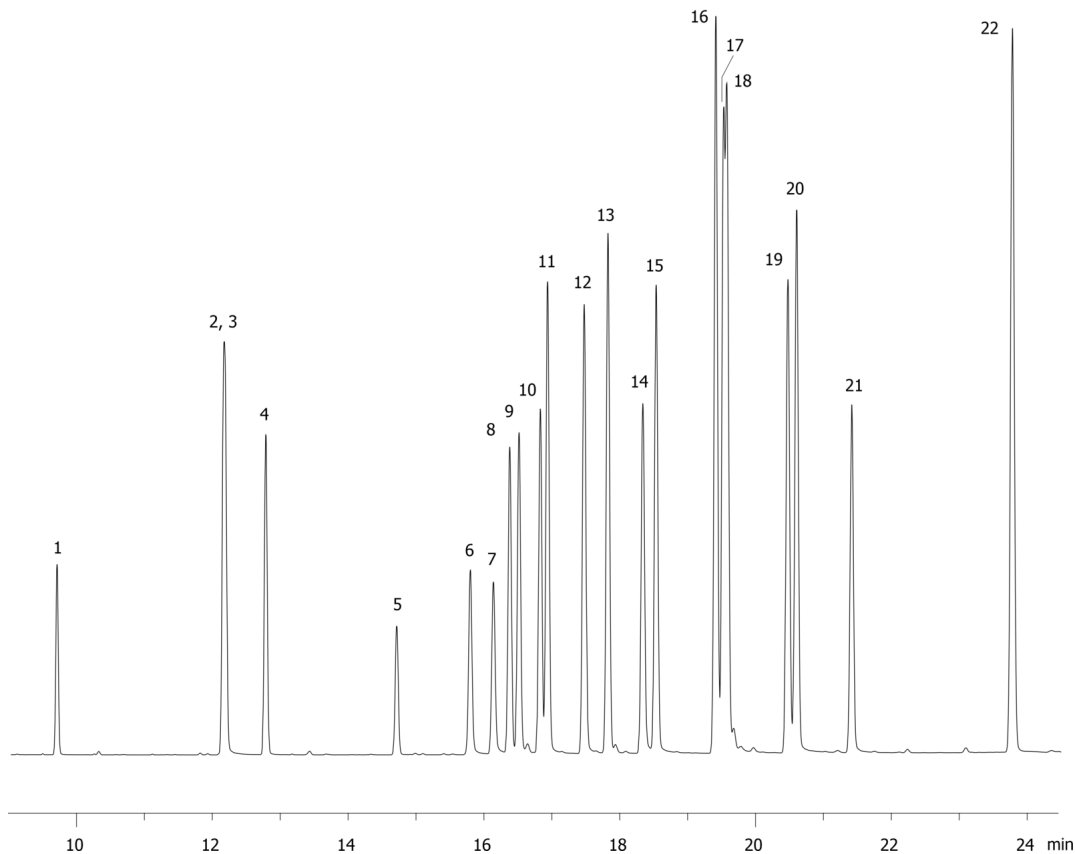
PCB Congeners: WHO 16 and DIN 51527

Column: Zebtron™ ZB-35HT, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 35% Phenyl 65% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
Order No: 7HG-G025-11
Oven Profile: 50 °C for 0.5 min to 220 °C @ 30 °C/min to 320 °C @ 6 °C/min for 2 min

Carrier Gas: Constant Flow Helium, 0.5 mL/min
Injection: Splitless 0:1 2 μL @ 250°C
Detection: Electron Capture (ECD) (350°C)
Detector Info: Pressure pulse at 40 psi for 0.25 min. was used

Analyst Note: Concentration was 1 ppm PCBs in iso-octane

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Products used in this application:



PCB Congeners: WHO 16 and DIN 51527

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# 153
- 11 BZ# 114
- 12 BZ# 105
- 13 BZ# 138
- 14 BZ# 126
- 15 BZ# 167
- 16 BZ# 156
- 17 BZ# 180
- 18 BZ# 157
- 19 BZ# 169
- 20 BZ# 170
- 21 BZ# 189
- 22 DCB

