

Congeners in DIN Method PCBs

Column: DB-XLB

30 m x 0.25 mm I.D., 0.5 µm

1 m x 0.53 mm I.D. Retention Gap

J&W P/N: 122-1236

Carrier: Helium at 34.2 cm/sec, measured at 150°C

Oven: 100°C for 1 min

100-320°C at 5.6°/min

Injector: Hot On-column, 250°C, Split Flow

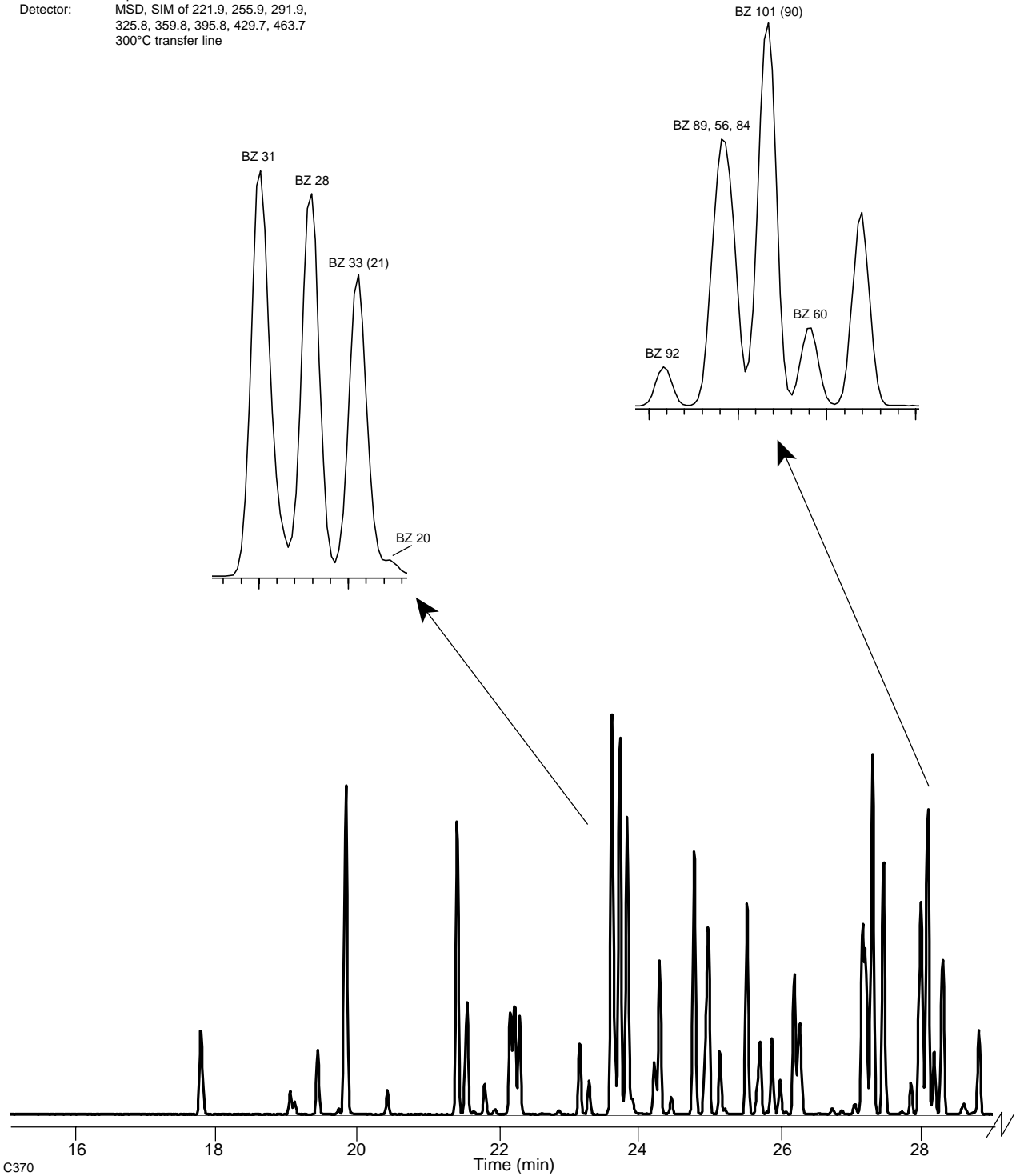
100 mL/min

2 µL dilute Aroclor mixture

Detector: MSD, SIM of 221.9, 255.9, 291.9,

325.8, 359.8, 395.8, 429.7, 463.7

300°C transfer line



PCBs Continued

Extended Temperature Program Resolving Congeners 52 and 138

Column: DB-XLB
30 m x 0.25 mm I.D., 0.5 µm
1 m x 0.53 mm I.D. Retention Gap

J&W P/N: 122-1236

Carrier: Helium at 34.2 cm/sec, measured at 150°C

Oven: 100°C for 1 min
100-275°C at 1.6°/min

Injector: Hot On-column, 250°C, Split Flow
100 mL/min

Detector: MSD, SIM of 221.9, 255.9, 291.9, 325.8,
359.8, 395.8, 429.7, 463.7
300°C transfer line

