

# Zebron® GC Columns



## ZB-XLB-HT Inferno™

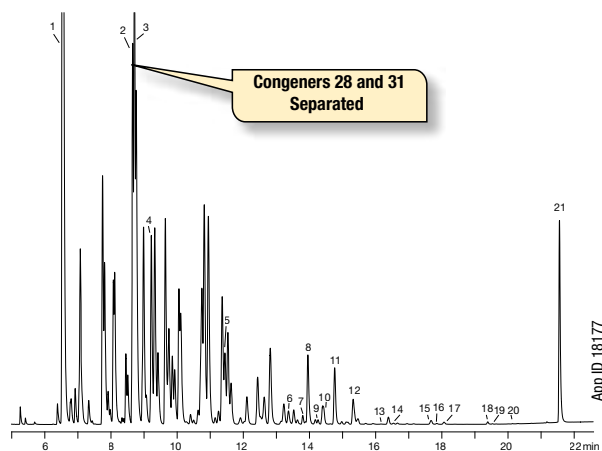
- Rugged, non-metal si-arylene GC column stable to 400 °C
- Robust column for high temperature bake outs and analysis, such as high molecular weight compounds
- Provides unique selectivity for conformational analyses
- Longer lifetime with high temperature, polyimide coated, fused silica tubing
- Low activity, provides good peak shape for acidic and basic samples
- Good tool for general screening to identify unknown samples
- Individually tested for low bleed, MS certified
- Temperature Limits: 30 to 400 °C (Isothermal/TPGC)

### Similar\* to:

- MDN-12
- DB-XLB
- Rtx-XLB

\*not exact equivalent, selectivity might be different

### Aroclor 1242: DIN Method 51527



Column: Zebron ZB-XLB-HT

Dimensions: 30 meter x 0.25 mm x 0.25 µm

Part No.: 7HG-G024-11

Injection: Split 2:1 @ 250 °C 1 µL

Carrier Gas: Helium @ 1.5 mL/min (constant flow)

Oven Program: 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 for 2 min

Detector: ECD @ 350 °C

Comment: Pressure pulse used at 40 psi for first 0.25 min

Sample: Total concentration of aroclors was 90 ppm in iso-octane

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

If Zebron columns do not provide you with equivalent or better separations as compared to any other GC column of the same phase and comparable dimensions, return the column with comparative data within 45 days for a FULL REFUND.

### Column Profile



### Applications

- Polychlorinated Biphenyls (PCBs)
- Pesticides
- Herbicides
- EPA Methods

### Ordering Information

#### Zebron ZB-XLB-HT Inferno GC Columns

ID(mm)	df(µm)	Temp. Limits °C	Part No.	Price
<b>15-Meter</b>				
0.25	0.10	30 to 400	7EG-G024-02	
0.25	0.25	30 to 400	7EG-G024-11	
0.32	0.10	30 to 400	7EM-G024-02	
<b>20-Meter</b>				
0.18	0.18	30 to 400	7FD-G024-08	
<b>30-Meter</b>				
0.25	0.10	30 to 400	7HG-G024-02	
0.25	0.25	30 to 400	7HG-G024-11	
0.32	0.25	30 to 400	7HM-G024-11	
<b>60-Meter</b>				
0.25	0.25	30 to 400	7KG-G024-11	

Note: If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G024-11-B. Some exceptions may apply. Agilent 6850 and some SRI and process GC systems use only 5 in. cages. See p. 91.



ZB-XLB-HT Test Mix

Part No.: AGO-7578

Price:



Contact Phenomenex or your local Phenomenex distributor for additional GC products and applications.



Extend column lifetime. Add a Z-guard to your next Zebron GC order.