

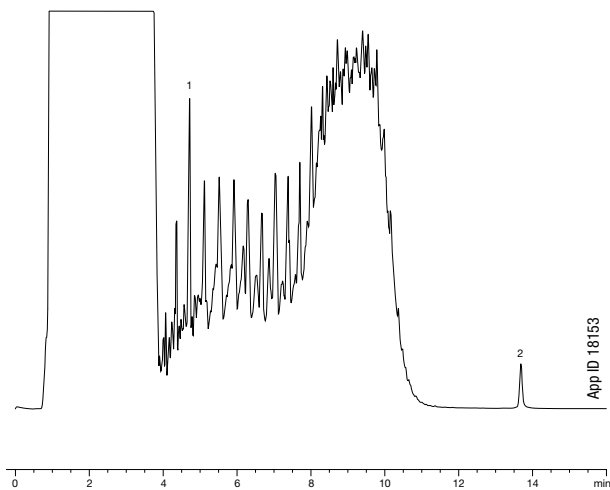
ZB-1HT Inferno™

- First non-metal columns stable to 430 °C
- Provides true boiling point separation for hydrocarbon distillation methods
- Longer lifetime with rugged high temperature, polyimide coated, fused silica tubing
- Low activity, provides good peak shape for acidic and basic samples
- Provides robust column performance for high temperature bake outs
- Individually tested for low bleed, MS certified
- Temperature Limits: -60 to 400/430 °C (Isothermal/TPGC)*

Alternative to Any 100 % Dimethylpolysiloxane High Temperature Phase:

- DB-1ht
- Rxi®-1HT
- Petrocol 2887
- CP-SimDist

Hydrocarbons from Water: DIN EN ISO 9377-2 (DEV H53)



Column: Zebron ZB-1HT Inferno
Dimensions: 15 meter x 0.32 mm x 0.25 µm
Part No.: 7EM-G014-11
Injection: Splitless @ 300 °C, 20 µL
Carrier Gas: Helium @ 2.0 mL/min (constant flow)
Oven Program: 50 °C for 2 min to 320 °C @ 30 °C/min for 5 min
Detector: FID @ 330 °C
Sample: 1. Decane
 2. Tetracontane

App ID 18153

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, send in your comparative data within 45 days and keep the column for FREE!

Column Profile



Applications

- High Boiling Petroleum Products
- Simulated Distillation Methods
- Long-chained Hydrocarbons
- High Molecular Weight Waxes
- Polymers/Plastics
- Motor Oils
- Diesel Fuel

Ordering Information

Zebron ZB-1HT Inferno GC Columns				
ID (mm)	df (µm)	Temp. Limits °C	Part No.	Price
5-Meter				
0.53	0.10	-60 to 400/430	7AK-G014-02	
10-Meter				
0.32	0.25	-60 to 400/430	7CM-G014-11	
15-Meter				
0.25	0.10	-60 to 400/430	7EG-G014-02	
0.25	0.25	-60 to 400/430	7EG-G014-11	
0.32	0.10	-60 to 400/430	7EM-G014-02	
0.32	0.25	-60 to 400/430	7EM-G014-11	
0.53	0.15	-60 to 400	7EK-G014-05	
20-Meter				
0.18	0.18	-60 to 400/430	7FD-G014-08	
30-Meter				
0.25	0.10	-60 to 400/430	7HG-G014-02	
0.25	0.25	-60 to 400/430	7HG-G014-11	
0.32	0.10	-60 to 400/430	7HM-G014-02	
0.32	0.25	-60 to 400/430	7HM-G014-11	
0.53	0.15	-60 to 400	7HK-G014-05	

Note: If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G014-11-B. Some exceptions may apply. Agilent 6850 and some SRI and process GC systems use only 5 in. cages. See p. 86



*0.53 mm ID columns are rated to 400 °C max operational temperature.

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.

Courtesy of Dr. Alexander Ruderisch, Agrolab Labor GmbH, Bruckberg