

VertiBond™ 1ht

VertiBond™ 1ht Capillary Columns

- 100% Dimethylpolysiloxane
- Non-polar stationary phase
- Excellent general purpose columns
- High temperature to 400 °C
- High efficiency, high inertness columns

VertiBond™ 1ht column contains 100% Dimethylpolysiloxane stationary phase column with high temperature to 400°C. This result in shorten analysis time and ideal for the analysis of high boiling compounds like waxes, crude oils or triglycerides.



VertiBond™ 1ht Capillary Columns

Length (m)	I.D. (mm)	Film (µm)	Temp. Limits (°C)	Part No.
15	0.25	0.10	380/400	0407-2001
30	0.25	0.10	380/400	0407-2003
60	0.25	0.10	380/400	0407-2005

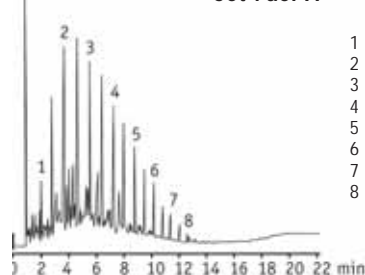
VertiBond™ 1ht Specifications

Phase:	100% Dimethylpolysiloxane
Polarity:	Non-polar
USP Designation:	G1, G2, G38
Ideal for:	High Boiling Compounds, Waxes, Crude Oils, Triglycerides

VertiBond™ 1ht equivalent phase

Restek	Rtx-1ht
Agilent	DB-1ht
Alltech	AT-1ht

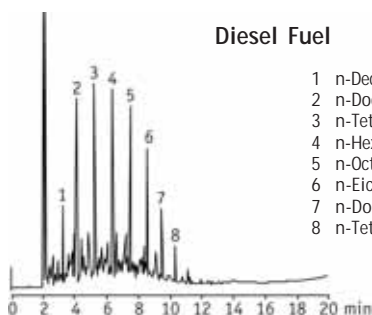
Jet Fuel A



- 1 n-Nonane
- 2 n-Decane
- 3 n-Undecane
- 4 n-Dodecane
- 5 n-Tridecane
- 6 n-Tetradecane
- 7 n-Pentadecane
- 8 n-Hexadecane

Column: VertiBond™ 1ht, 30m x 0.25mm, 0.1µm
 Part No.: 0407-2003
 Temp: 75°C (2 min hold),
 75°C-325°C at 15°C/min,
 325°C (2 min hold)
 Injector: split at 325°C
 (45:1 split ratio w/split flow of 49mL/min)
 Detector: FID at 385°C
 Carrier Gas: Helium at 28cm/sec

Diesel Fuel



- 1 n-Decane
- 2 n-Dodecane
- 3 n-Tetradecane
- 4 n-Hexadecane
- 5 n-Octadecane
- 6 n-Eicosane
- 7 n-Docosane
- 8 n-Tetracosane

Column: VertiBond™ 1ht, 15m x 0.25mm, 0.1µm
 Part No.: 0407-2001
 Temp: 5°C (1 min hold),
 75°C-340°C at 15°C/min,
 340°C (3 min hold)
 Injector: Split at 330°C
 (61:1 split ratio w/split flow of 65mL/min)
 Detector: FID at 350°C
 Carrier Gas: Helium at 33cm/sec