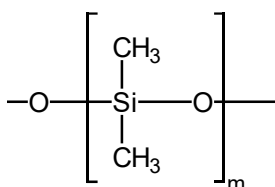


TRB-1HT

100% Dimethyl polysiloxane, bonded and crosslinked phase.

- 100% Dimethylpolysiloxane
- Non-polar phase
- Produced specially for high temperature analyses (Max. temp. 400°C)
- Fused silica tubing with polyimide coating for high temperatures
- Uses: analysis of compounds with high boiling point, triglycerides, waxes, etc.



Structure of Poly (dimethyl) siloxane

TRB-1HT Equivalent Phase

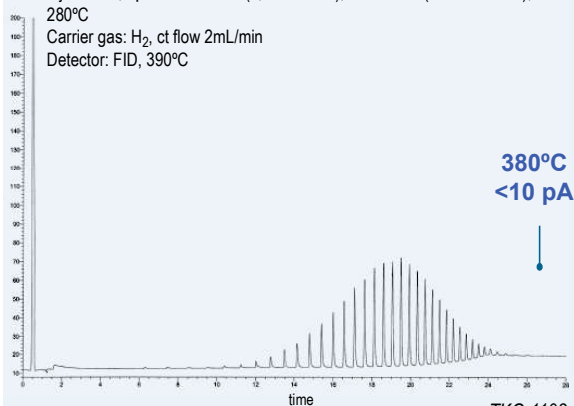
Agilent: DB-1HT

Restek: Stx-1HT, Rxi-1HT

Phenomenex: ZB-1HT

TRB-1HT Column: Retention Gap (intermediate polarity) 5 m x 0,53 mm (TR-200055) + TRB-1HT (TR-610113) 15 m x 0,32 mm x 0,10 μm
Oven: 50°C (2 min) to 380°C (5 min) @ 15°C/min
Injection: 0,3 μL Poliwax 655 (0,1% in CS₂), on column (sec. cool 30 s), 280°C

Carrier gas: H₂, ct flow 2mL/min
Detector: FID, 390°C



TRB-1HT

Internal Diam. (mm)	Length (m)	Film Thickness (μm)	Temp limits (°C)	Part. N°. (P/N)
0,25	15	0,10	-60 to 400	TR-610112
	30	0,10	-60 to 400	TR-610132
0,32	15	0,10	-60 to 400	TR-610113
	30	0,10	-60 to 400	TR-610133

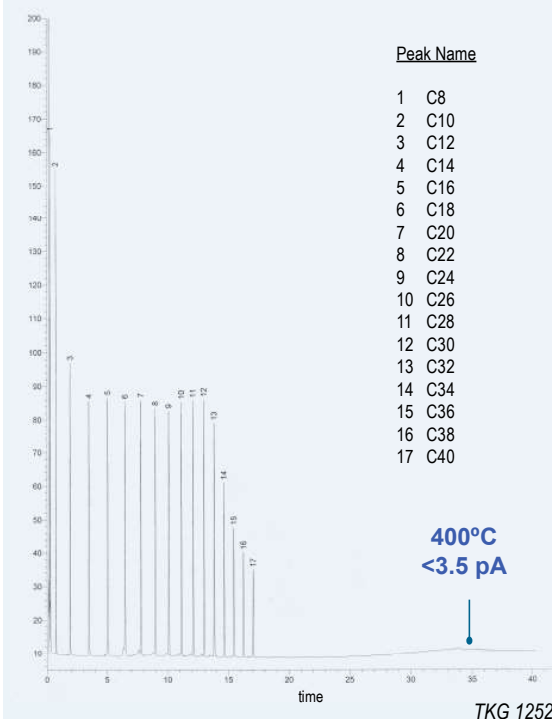
TRB-1HT SimDist

100% Dimethyl polysiloxane, bonded and crosslinked phase.

- 100% Dimethyl polysiloxane, bonded and crosslinked phase
- True methyl silicone polarity
- Unbreakable, specially treated stainless steel
- Maximum temperature 430°C
- Low bleed at 400°C (Typical values of 4-6 pA)
- Distillation range C6 to C120

TRB-1HT SimDist

Column: **TRB-1HT SimDist**, 5m x 0,53mm x 0,10μm, P/N TR-2301A5M
Oven: 40°C to 400 °C (15 min) @ 15°C/min
Injection: 0,4 μL Hydrocarbons C8-C40 (500 ng/μL), 300°C, split 1:20 (3mm ID liner)
Carrier gas: H₂, 60 cm/s (40°C)
Detector: FID, 430°C



TRB-1HT SimDist

Internal Diam. (mm)	Length (m)	Film Thickness (μm)	Temp limits (°C)	Part. N°. (P/N)
0,53	5	0,10	-60 to 400/430	TR-2301A5M
		0,15	-60 to 400/430	TR-2313A5M
	5	0,15	-60 to 400/430	TR-2313A5M