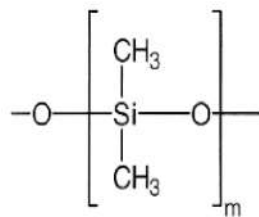




SAPIENS-1MS

Line of SAPIENS Capillary Columns

- We are pleased to introduce a superb new generation of capillary columns.
- Columns for today's demanding applications
- Our columns are able to compete with the best columns in the market, with ultra-low bleed and high inertness with respect to active, acid and basic compounds.



Structure of Poly (dimethyl) siloxane

SAPIENS-1MS

100% Dimethyl polysiloxane, bonded and crosslinked phase, manufactured with MSP technology

- General purpose non polar column
- Ultra low bleed, improved signal-to-noise ratio for GC-MS
- Excellent chemical inertness and thermal stability making it ideal for trace analysis and GC/MS
- Solvent rinsable
- Developed with a new integral technology
- Molecular Stabilization Process incorporated (MSP)
- Highest inertness for polar, acid and basic compounds
- Guaranteed reproducibility between batches
- Perfect for use with Retention Time Locking (RTL) software

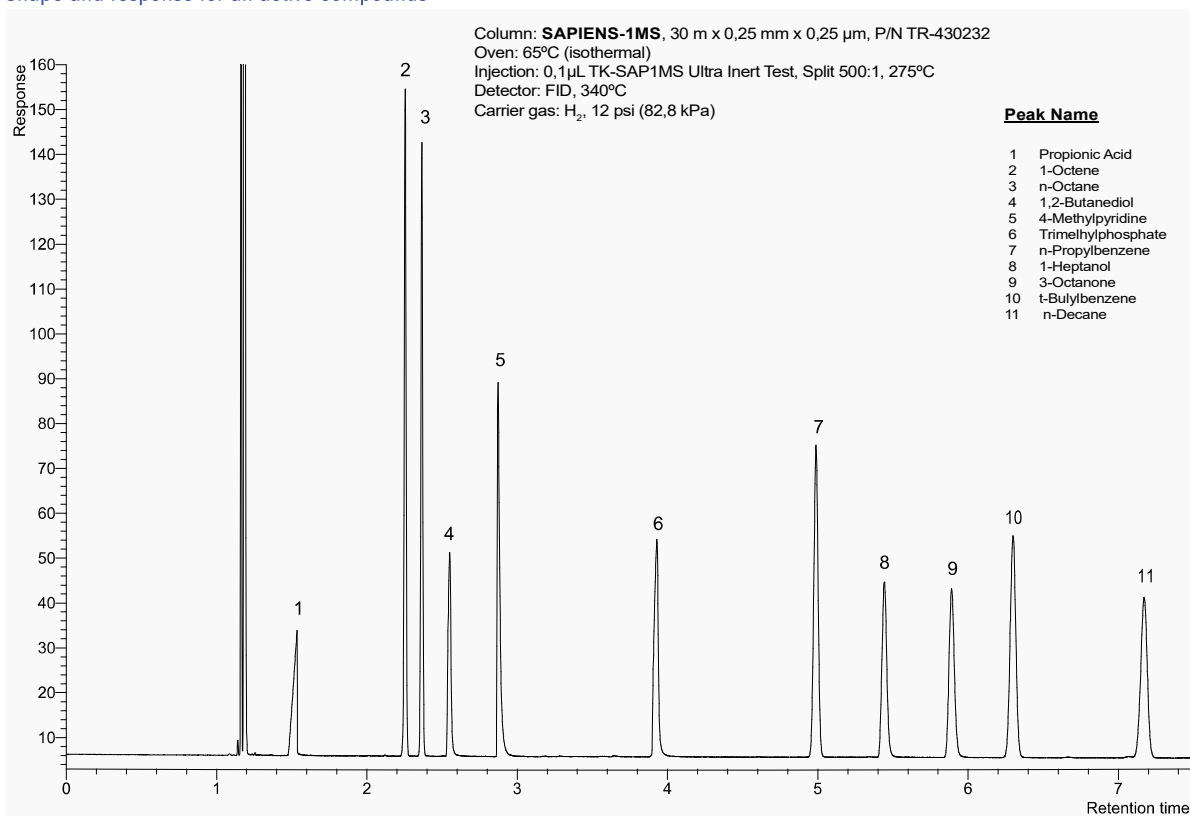
SAPIENS-1MS Equivalent Phase

Agilent: DB1-MS UI, HP-1 MS UI, VF-1MS
Restek: Rxi-1MS
Phenomenex: ZB-1Plus
GL Sciences: InertCap 1MS
Sigma-Aldrich: SLB-1MS
SGE: SOL-GEL-1MS
Macherey-Nagel: OPTIMA-1MS Accent

SAPIENS-1MS

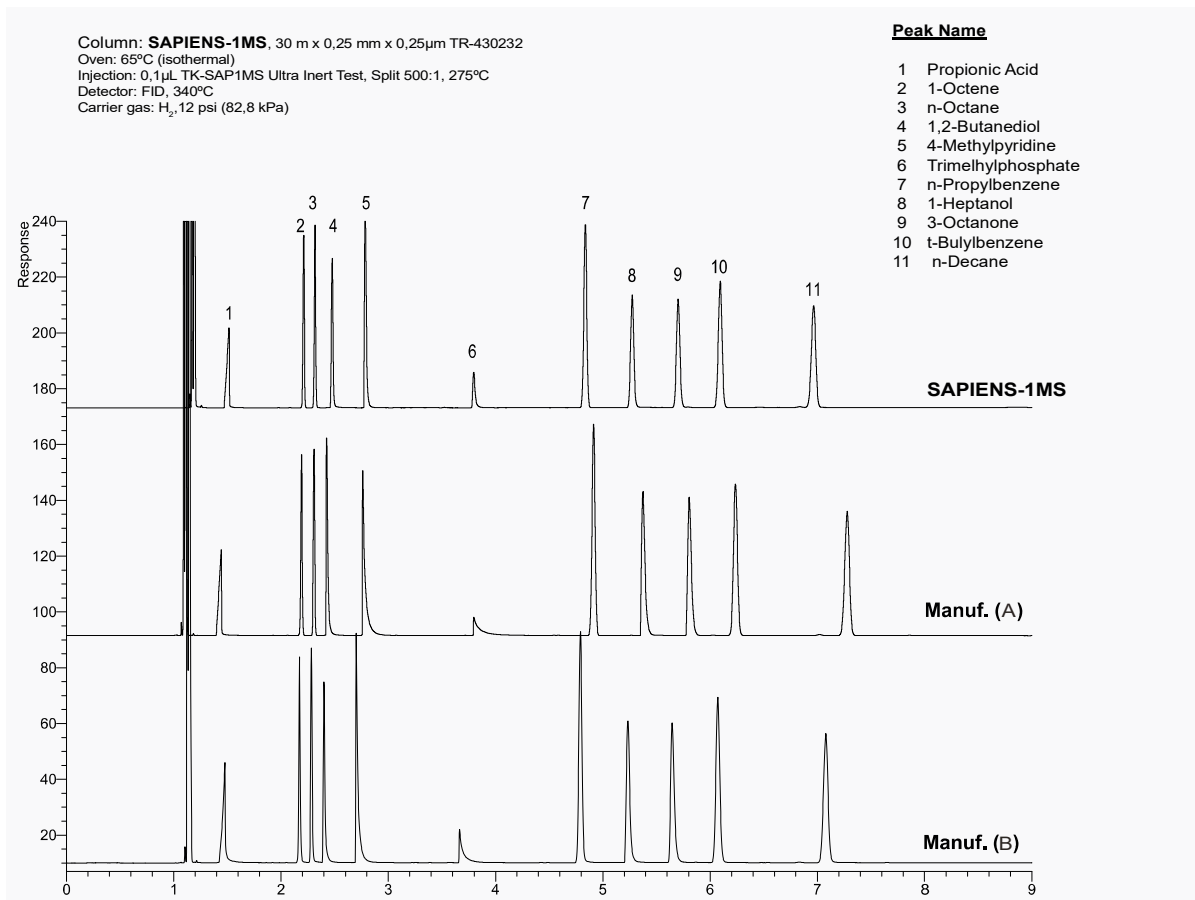
Internal Diam. (mm)	Length (m)	Film Thickness (µm)	Temp limits (°C)	Part. N°. (P/N)
0,10	10	0,10	-60 to 325/350	TR-430141
	20	0,10	-60 to 325/350	TR-430181
0,18	20	0,18	-60 to 325/350	TR-430984
	20	0,36	-60 to 325/350	TR-433484
0,20	12	0,33	-60 to 325/350	TR-4333B9
	25	0,33	-60 to 325/350	TR-433329
0,25	15	0,25	-60 to 325/350	TR-430212
	30	0,25	-60 to 325/350	TR-430232
0,30	30	0,50	-60 to 325/350	TR-430532
	30	1,00	-60 to 325/350	TR-431032
0,60	60	0,25	-60 to 325/350	TR-430262
	30	0,25	-60 to 325/350	TR-430233
0,32	15	0,25	-60 to 325/350	TR-430213
	25	0,52	-60 to 325/350	TR-435223
0,30	30	0,25	-60 to 325/350	TR-430233
	30	1,00	-60 to 325/350	TR-431033

SAPIENS-1MS: Ultra Inert Test, Good peak (TK-SAP1MS).
 Shape and response for all active compounds





SAPIENS-1MS: Ultra Inert Test (TK-SAP1MS) Performance against major ultra inert column manufacturers



SAPIENS-1MS: Analysis chlorinated solvents and desinfection by-products (EPA 551.1)

