

MACHEREY-NAGEL

OPTIMA<sup>®</sup> 1301 MS

Chromatography



Low bleed GC solution for sophisticated environmental analysis

- Mid-polar columns
- Low bleed silarylene phase
- Excellent deactivation



**MACHEREY-NAGEL**

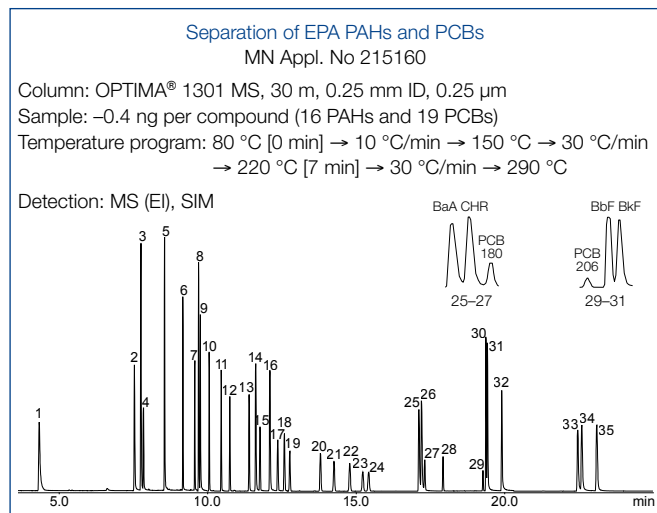
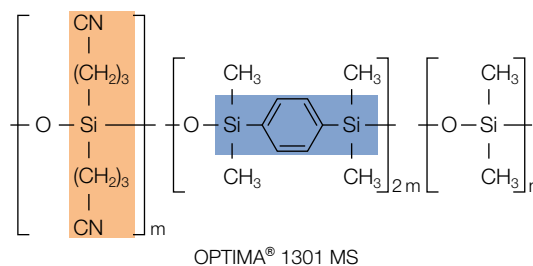
[www.mn-net.com](http://www.mn-net.com)



## Silarylene synthesis technology – symmetrically substituted siloxanes and integrated phenyl rings

Symmetrically substituted **cyanopropylsilanes**, along with integrated phenyl rings (**silarylene**) resulted in a considerable increase of the chemical and thermal stability of the polysiloxane. This provides significantly extended column life time and less detector contamination due to reduced column bleed.

The OPTIMA® 1301 MS quality outperforms conventional columns with equal phase polarity.

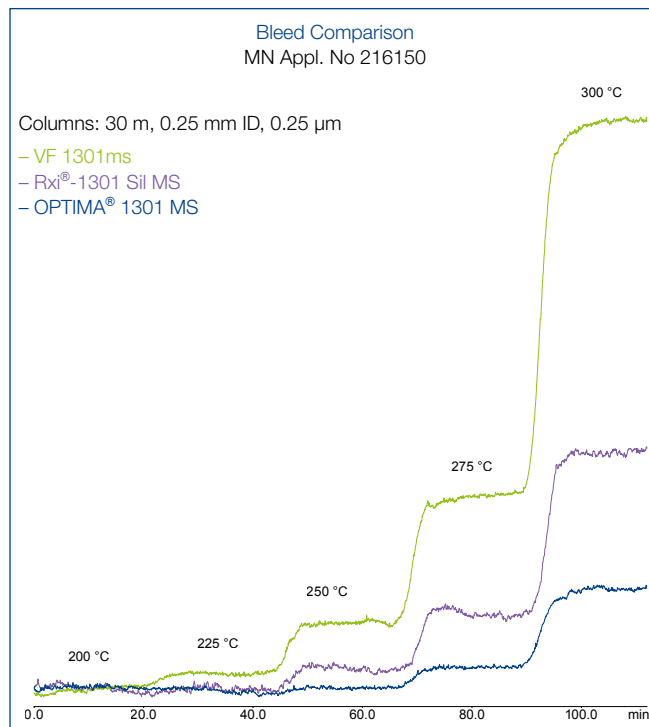


Max. temperature for isothermal operation 300 °C, max. temperature for short isotherms in a temperature program 320 °C

### Similar phases

- VF-1301ms, Rxi®-1301Sil MS, TG-1301MS

Further applications online at [www.mn-net.com/apps](http://www.mn-net.com/apps)



Columns were tested under equal conditions and not representative of all applications

## Ordering information

ID	Length	Film thickness	Agilent® VF-1301ms	RESTEK® Rxi®- 1301 Sil MS	Thermo TG-1301MS	MACHEREY-NAGEL OPTIMA® 1301 MS
0.25 mm	30 m	0.25 µm	CP9053	16094	26091-1420	726640.30
0.25 mm	60 m	0.25 µm		16096	26091-1540	726640.60
0.32 mm	30 m	0.25 µm		16098	26091-1430	726641.30
0.32 mm	60 m	0.25 µm			26091-1550	726641.60
0.32 mm	30 m	1.00 µm		16099	26091-2970	726642.30
0.32 mm	60 m	1.00 µm		16100	26091-3090	726642.60
0.53 mm	30 m	1.00 µm	CP9063	16102	26091-2980	726643.30
0.53 mm	60 m	1.00 µm			26091-3100	726643.60

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# MACHEREY-NAGEL



Management System  
EN ISO 13485:2016  
ISO 9001:2015



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