

# FAST ANALYSIS OF Ne, O<sub>2</sub>, N<sub>2</sub>, CH<sub>4</sub> AND CO

**Technique :** Micro-GC

**Column :** Tamis 5Å

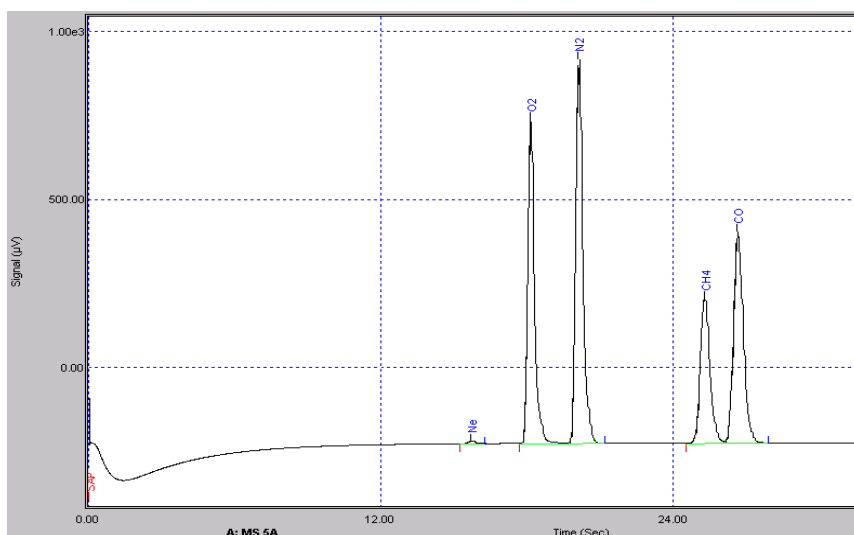
**Carrier gas :** Argon

**Column temperature :** 130°C

**Injection time :** fixed

**Column pressure :** 22 psi

**μTCD sensitivity :** Standard



The Micro-GC is a powerful solution that provides fast, accurate and easy-to-use solution to analyze your gas sample.

A wide range of capillary columns and MEMS injectors are available to optimize channel combinations inside the Micro-GC to obtain the desired separation. The μTCD is the high-performance universal detector used in such systems. A parallel analytical configuration of the channels or analytical modules will allow the sampling of a small amount of gas sample and simultaneous injection in all channels to develop up to 4 chromatograms and one cumulative report..

**SRA Instruments** is the ideal Partner with specific competences to develop with you turn key solutions based on optimized Micro-GC, accessories and dedicated software utility or report calculations for specific plant context.

Compound	RT (sec)	Concentration (%)
Ne	15.73	0.043%
O <sub>2</sub>	18.15	4.941%
N <sub>2</sub>	20.13	5.334%
CH <sub>4</sub>	25.29	3.807%
CO	26.65	4.760%

Some examples of applications are:  
 gas coke analysis,  
 biogas, syngas,  
 refinery and fuel gas,  
 natural gas, fuel cells.



More information : [www.sra-instruments.com](http://www.sra-instruments.com)