Determining traces of CO and CO2 in hydrogen and light gaseous hydrocarbon streams #1701 – Trace CO, CO2 Analyzer



Configuration:

Configured by method:

UOP 603-12

Analyzer Configuration:

2xValves, Methanizer, Needle valve,

2xMicropacked columns

Instrument Configuration:

C9000, 1xFID, 3-ch UEPC

Carrier Gas:

He or H2

Oven temperature:

Isotherm

Sample Type:

Finished gasoline

Analyzed Compounds:

Carbon monoxide, Carbon dioxide

Quantification range:

0.2 - 500 mol.ppm.

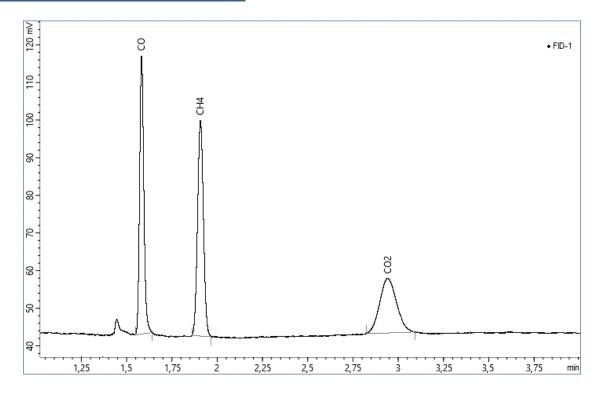
Run Time:

5 min

Features & Benefits:

- Carbon oxides are effectively conversed into methane and determined by FID at trace level.
- Sampling / switching valves allow cutting bulk methane off as well as backflushing hydrocarbons to keep high performance of GC system.

Chromatograms:





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