



Solutions for Trace Impurities

Instrument:

GC C9000, FID, 2xValves, Methanizer, Micropacked columns

Sample:

Hydrogen and similar gaseous streams

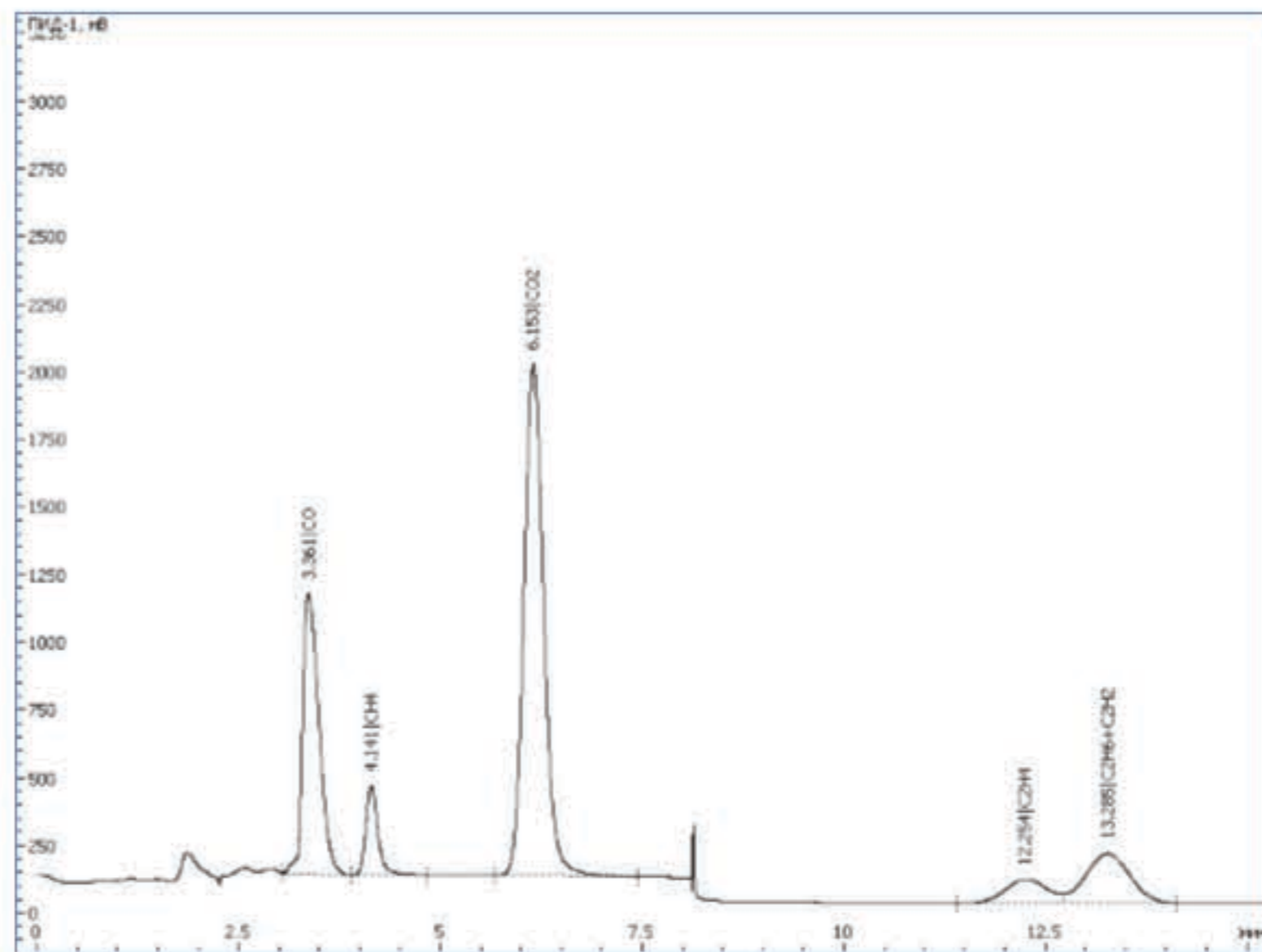
Analytes:

CO, CO₂, CH₄

Test methods:

UOP 603

Features:



Instrument:

GC C9000, PDHID and other detectors by request, Valves, Columns

Sample:

Pure Hydrocarbon streams, Permanent gases

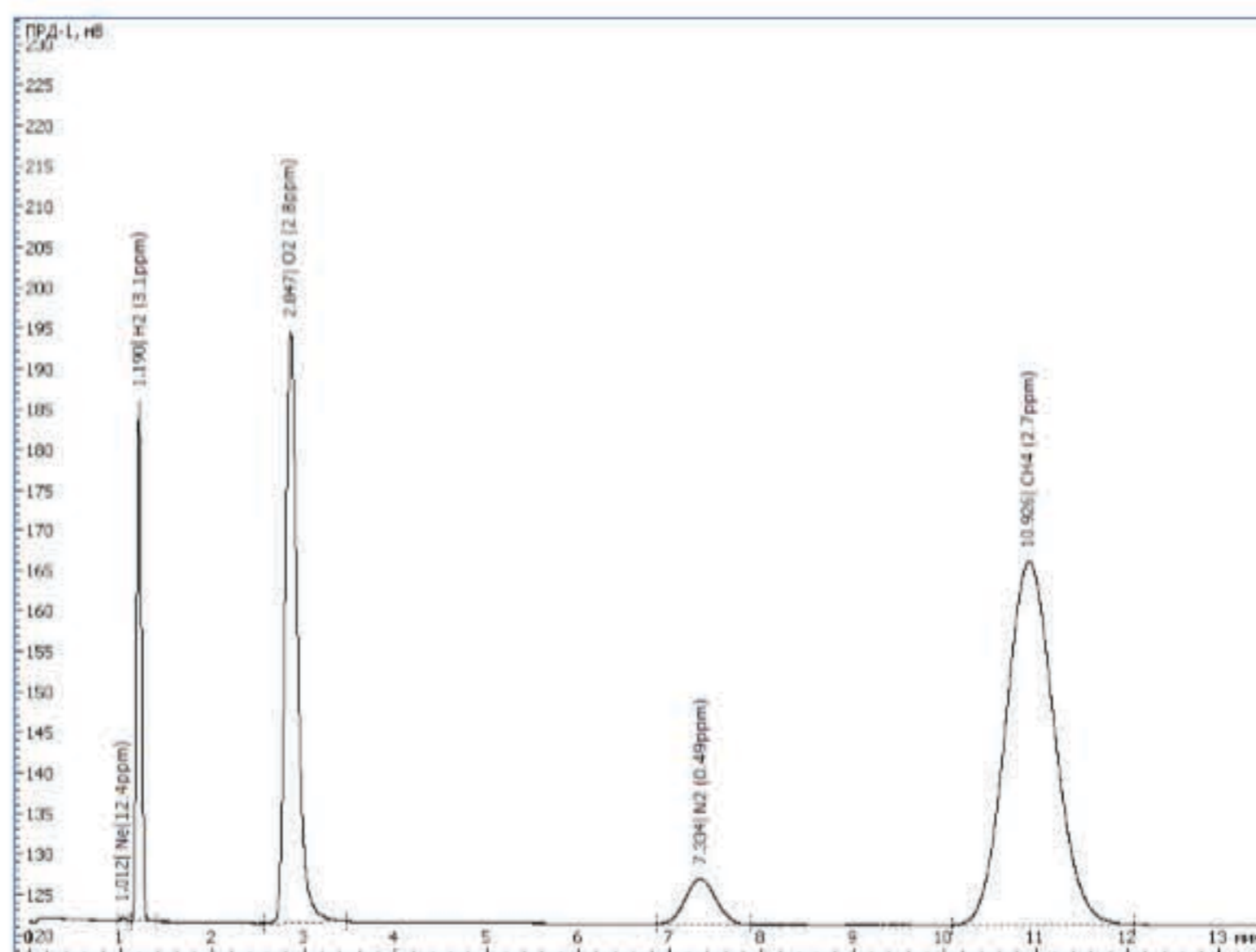
Analytes:

Ne, H₂, Ar, O₂, CH₄, CO, CO₂

Features:

Each instrument is individually configured according to required application with Valves, detectors, columns.

Detectors available to be supplied with PDHID by request: TCD, FID, FID/Methanizer, ECD (μ -ECD), FPD, CCD



Instrument:

GC C9000, catalytic combustion detector (CCD) and other detectors by request, Valves, Columns

Sample:

Pure Argon, Permanent gases

Analytes:

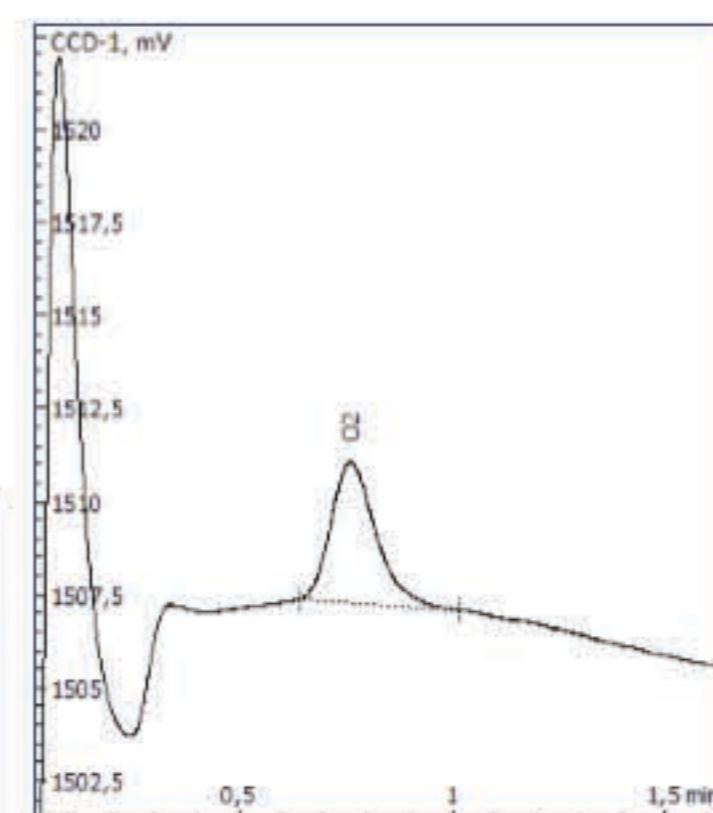
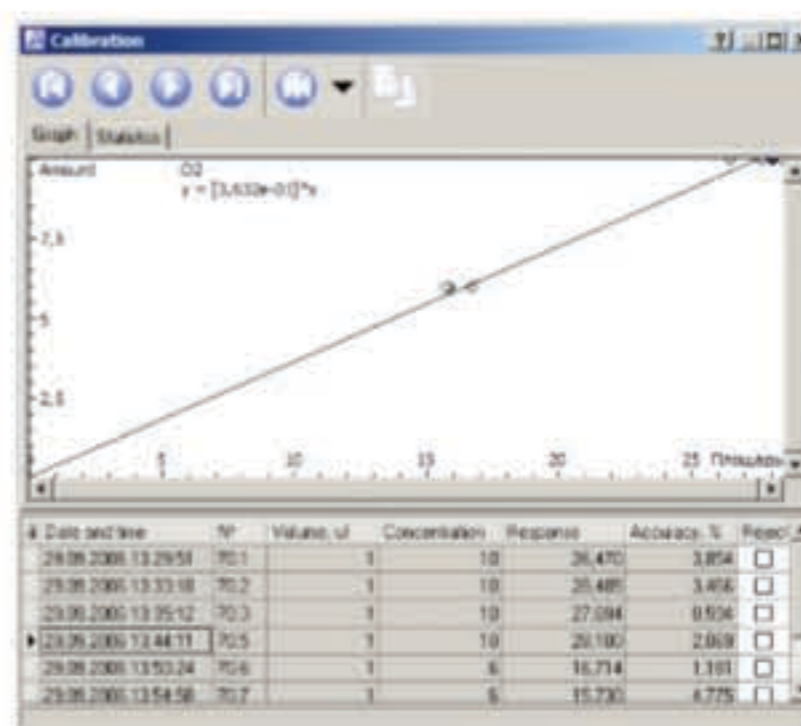
O₂

Features:

Though argon interferes with oxygen at eluting, redox operating principle of CCD allows determining traces of Oxygen in Argon matrix.

Detection limit as low as 0.3ppm Oxygen in Argon.

Detectors available to be supplied with CCD by request: PDHID, TCD, FID, FID/Methanizer, ECD (μ -ECD), FPD



Operating conditions:

Sample: 10ppm O₂ in Ar, 1ml

Column: CaA 1/8", 2m length

Carrier: Argon

Detector: CCD