

Sample:

Gasoline , gaseous and liquefied hydrocarbons (pure C2, C3, C4, C5 and mixtures)

Analytes:

Oxygenates, Traces of oxygenates

Test methods:

ASTM D4815, EN 13132 (high levels)

ASTM D7754, ASTM D7423, UOP 960 (traces)

Instrument configuration:

FID, SS inlet, Valve or Dean switcher, Columns, Autosampler and automatic valve-injectors

Instrument:

GC C9000, FID/TCD, Split/Splitless injector, Backflush valve, Micropacked and capillary columns, Autosampler

Sample:

Oxygenates and benzene standard

Analytes:

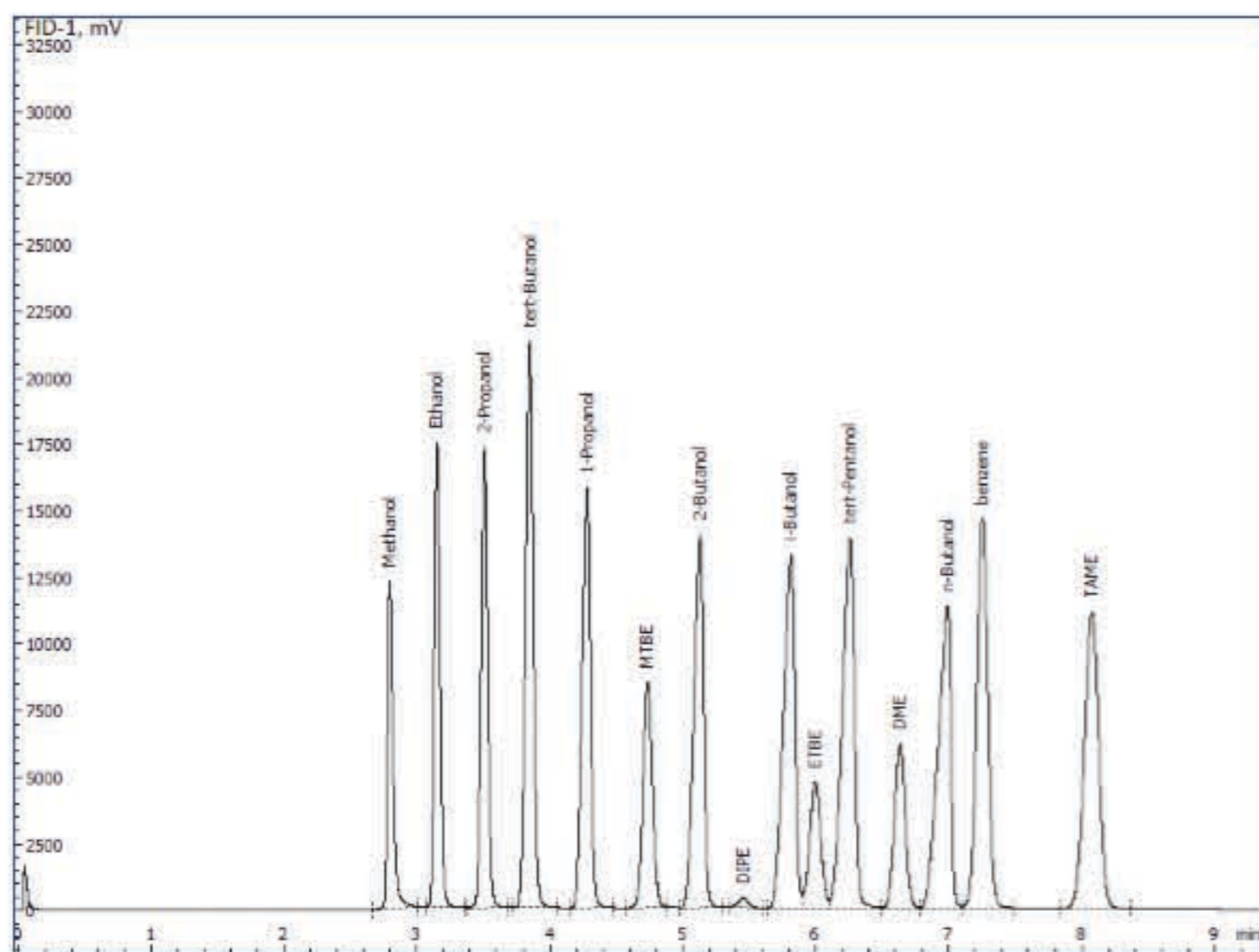
Oxygenates in finished gasoline

Test methods:

ASTM D4815

Features:

Aromatics determination by ASTM D5580 can also be applied using suggested instrument



Instrument:

GC C9000, 2x FID, Autosampler, Dean switcher, Capillary columns

Sample:

Finished gasoline

Analytes:

Oxygenates

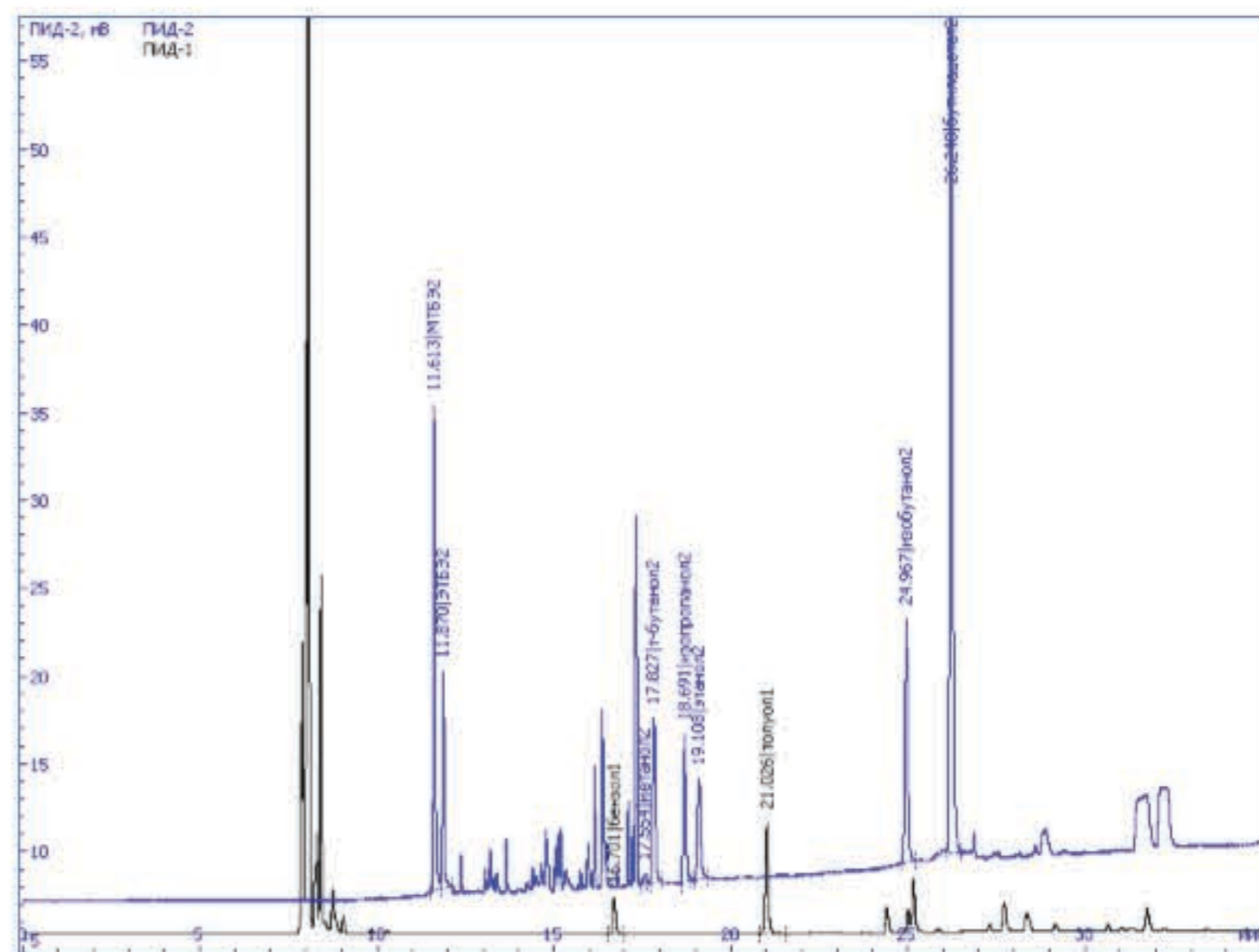
Test methods:

EN 13132

Features:

The instrument can also be applied for EN 12177 test method

Dean switching system has internal channels of 0.2mm i.d. and less. This provides good separation without any broadening peaks



Instrument:

GC C9000, FID, automatic injectors depending on sample, Dean switcher, Capillary wide-bore columns

Sample:

Liquid, Gaseous or Liquefied hydrocarbon samples

Analytes:

Oxygenates

Test methods:

UOP960, ASTM D7423, ASTM D7754

Features:

Single instrument can be equipped with all kinds of automatic injectors for liquid, liquefied or gaseous samples

Minimum detectable level < 0.5ppm

Stability in peaks retention time is obtained by special "PrepRun by Oven" feature

