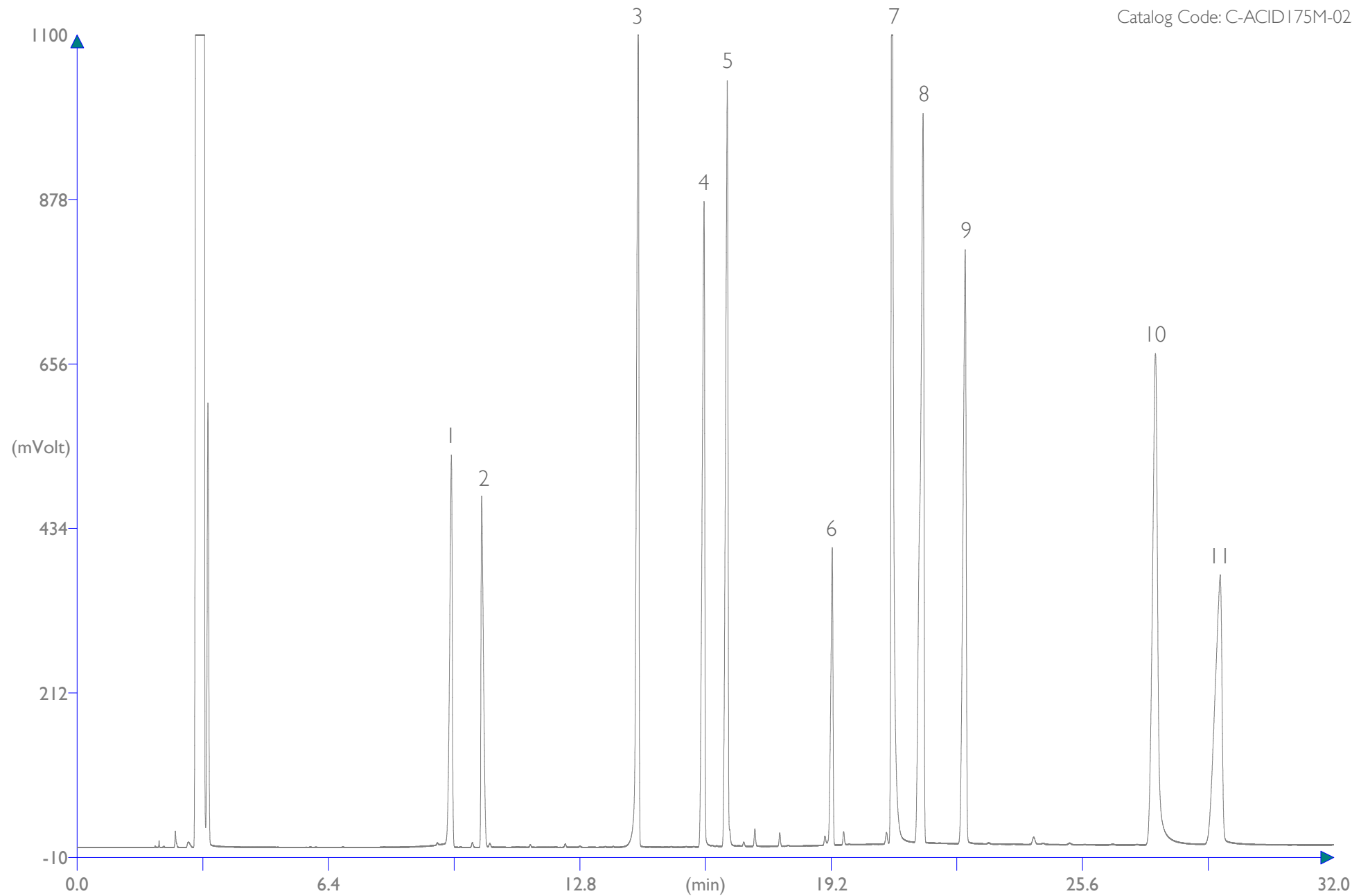




Column: **MEGA-ACID (FFAP) 17.5M - 0.25mm, 0.25 μ m, 60m**

Catalog Code: C-ACID175M-025-025-60



Conditions:

Oven Program: 60°C, 10°C/min, 250°C (10min).

Carrier Gas: Helium, 160kPa, constant pressure.

Injector: Split 250°C, 50mL/min split flow,

Detector: FID 250°C.

1. Ethyl Acetyl Acetate
2. Propionic Acid
3. Methyl Cyclopentenolone
4. Maltol
5. Ethyl Maltol
6. Benzoic Acid
7. Coumarin
8. Vanillin
9. Cinnamic Acid
10. Palmitic Acid
11. Methyl Atrastate

MEGA-ACID (FFAP) columns line



MEGA-ACID (FFAP) GC column.

MEGA-ACID (FFAP) GC column is a PEG (polyethylene glycol) based stationary phase with a special acidic treatment on the stationary phase itself. While keeping the same separation mechanism of a Carbowax column (that it also a PEG based stationary phase, like our MEGA-WAX), the particular treatment makes the MEGA-ACID (FFAP) column exceptional for the analysis of acidic compounds like for example **Free Acids**, but also **Glycols, FAMEs, F&F compounds**, giving extremely sharp peaks even for more polar compounds like shown in this application note.

MEGA-ACID (FFAP) phase is equivalent to DB™-FFAP, CP-Wax™ 58 CB, Nukol™, Stabilwax-DA™ columns for instance.

Fully customize your product.

Like for all our other GC columns, you can fully customize your MEGA-ACID (FFAP) in terms of dimensions; every internal diameter, length and film thickness are available and you can combine them as you need for your particular analysis. From WideBore-GC to FAST-GC narrow bore sizes we cover all the range sizes including 0.15mm, 0.18mm, 0.20mm I.D. columns.

Moreover for our MEGA-ACID (FFAP) phase, like for our MEGA-WAX (and for other products too), you can **even select and tune** (with also our support if you need) **the polarity of the stationary phase!**

In this application note we used for instance a MEGA-ACID (FFAP) 17.5M column, with a slightly more polar phase compared to commercially available FFAP columns. You can choose between several different polarity but even ask us for a completely custom one, thus to solve a specific separation problem playing with the selectivity of the stationary phase.

Please note that not all of our products are listed on our website or catalogs, but please ask us more info and details in every moment at info@mega.mi.it.

other polarities available
in addition to our standard
MEGA-ACID (FFAP):

MEGA-ACID (FFAP) 8M

MEGA-ACID (FFAP) 12M

MEGA-ACID (FFAP) 17.5M

MEGA-ACID (FFAP) 20M

polarity increase

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