

Free Fatty Acids



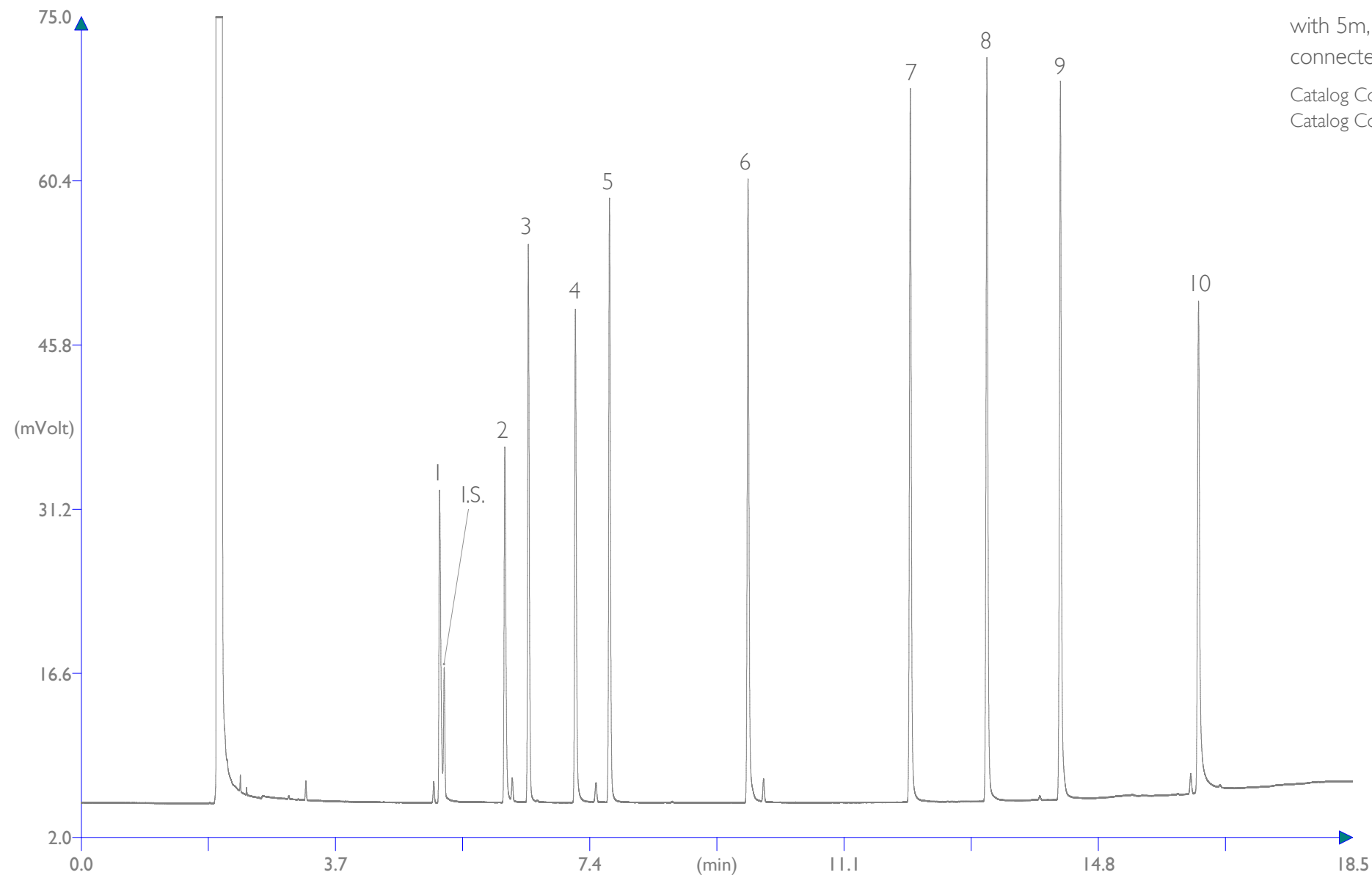
Column: **MEGA-ACID (FFAP) - 0.25mm, 0.25 μ m, 30m**

Catalog Code: C-ACID-025-025-30

with 5m, 0.32mm DPTMDS deactivated Retention Gap
connected with a Press-Fit Union

Catalog Code Ret. Gap: RETG-DPTMDS-032-5

Catalog Code Press-Fit: PFITUN-025-032-1



Conditions:

Oven Program: 80°C (0.5min), 10°C/min, 250°C.

Carrier Gas: Hydrogen, 75kPa, constant pressure.

Injector: Split 250°C, 80mL/min split flow,

0.5 μ L volume injected.

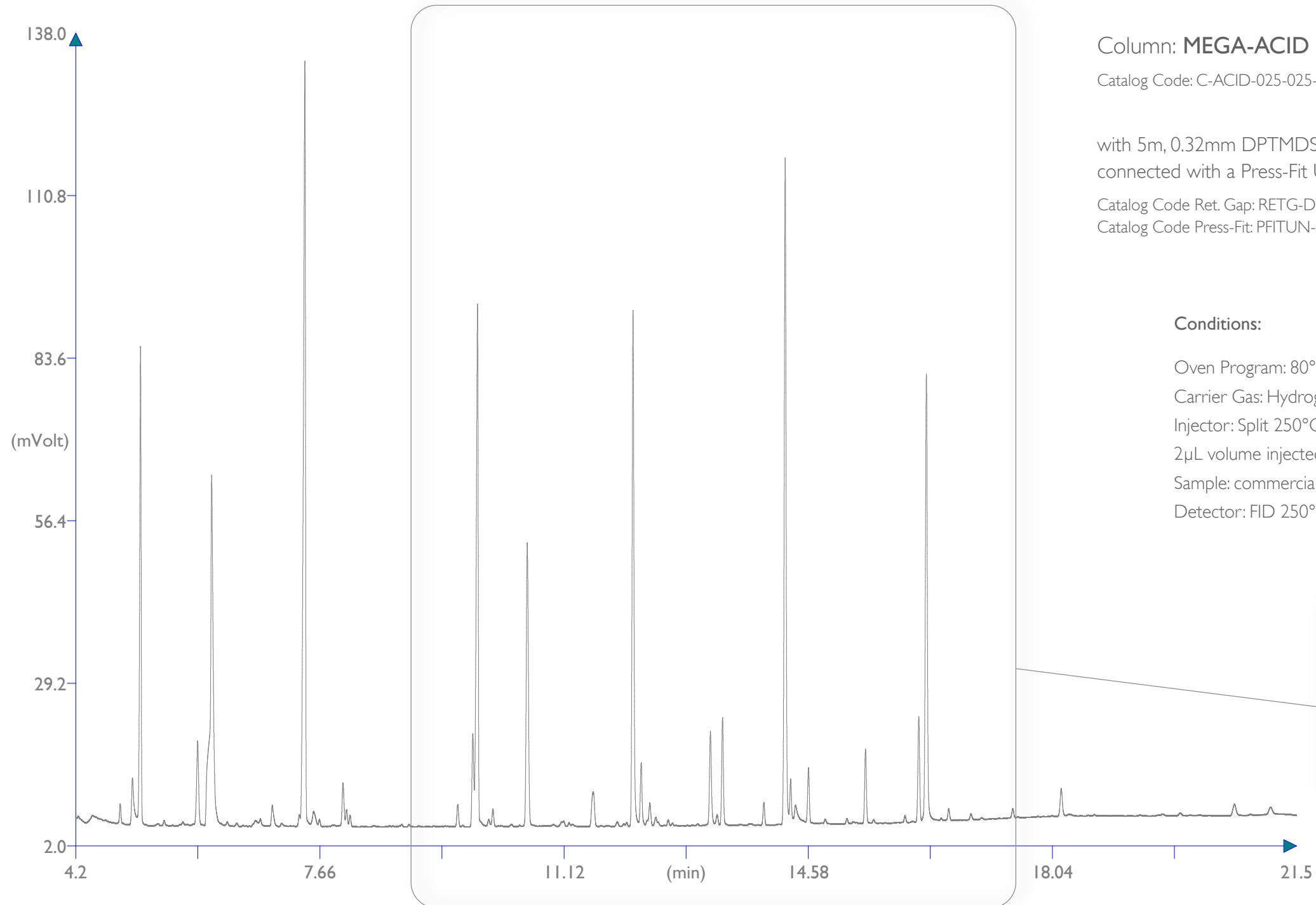
Sample: from 28 to 46mg/100mL each component,
sol. 50% Ethanol.

Detector: FID 250°C.

1. Acetic Acid
- I.S. n-Heptanol
2. Propionic Acid
3. Iso-Butyric Acid
4. Butyric Acid
5. Iso-Valeric Acid
6. Caproic Acid
7. Caprylic Acid
8. Nonanoic Acid
9. Decanoic Acid
10. Dodecanoic Acid

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Catalog Code Ret. Gap: RETG-DPTMDS-032-5

Catalog Code Press-Fit: PFITUN-025-032-1

Conditions:

Oven Program: 80°C (0.5min), 10°C/min, 250°C.

Carrier Gas: Hydrogen, 75kPa, constant pressure.

Injector: Split 250°C, 15mL/min split flow,

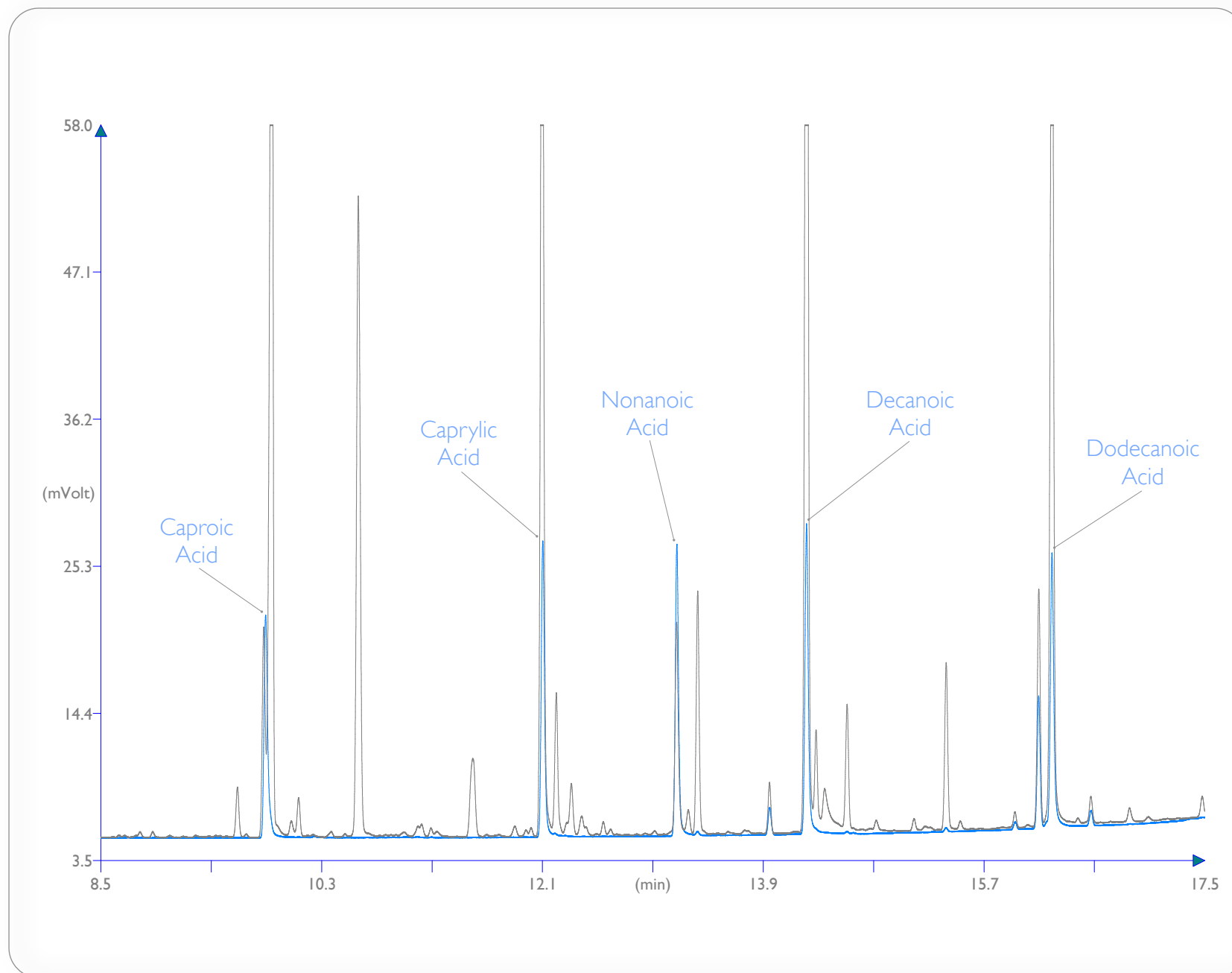
2 μ L volume injected.

Sample: commercial single malt scotch whisky.

Detector: FID 250°C.

[Click here to see a portion of this chromatogram with the overlapping of a calibrated sample of free fatty acids](#)

Free Fatty Acids in Whisky



Column: **MEGA-ACID (FFAP) - 0.25mm, 0.25 μ m, 30m**

Catalog Code: C-ACID-025-025-30

with 5m, 0.32mm DPTMDS deactivated Retention Gap
connected with a Press-Fit Union

Catalog Code Ret. Gap: RETG-DPTMDS-032-5

Catalog Code Press-Fit: PFITUN-025-032-1

Conditions:

Oven Program: 80°C (0.5min), 10°C/min, 250°C.

Carrier Gas: Hydrogen, 75kPa, constant pressure.

Injector: Split 250°C, 15mL/min split flow,

2 μ L volume injected.

Detector: FID 250°C.

Sample: commercial single malt scotch whisky.

Reference Sample: Free Fatty Acids, from 0.8 to
1.4mg/100mL each component, sol. 50% Ethanol.

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