



Column: **MEGA-SE52 - 0.32mm, 0.10µm, 10 + 2m**  
**(2m of integrated built-in deactivated Retention Gap)**

Catalog Code: GAP-SE52-032-010-10-2

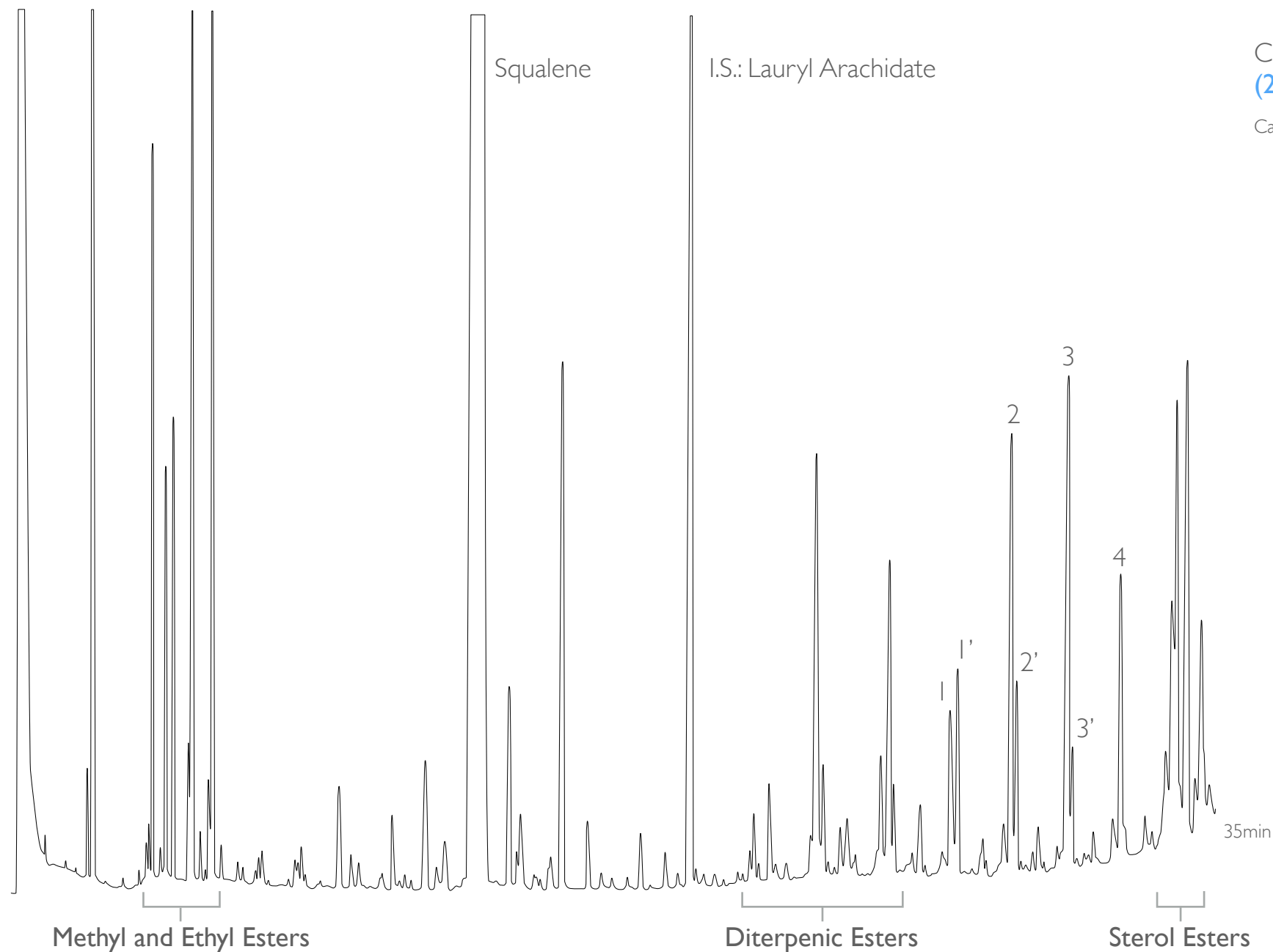
### Conditions optimized for Waxes analysis:

Injection: Cold On-Column, 1 µL of n-Heptane or Isooctane solution.

Detector: FID, 350°C.

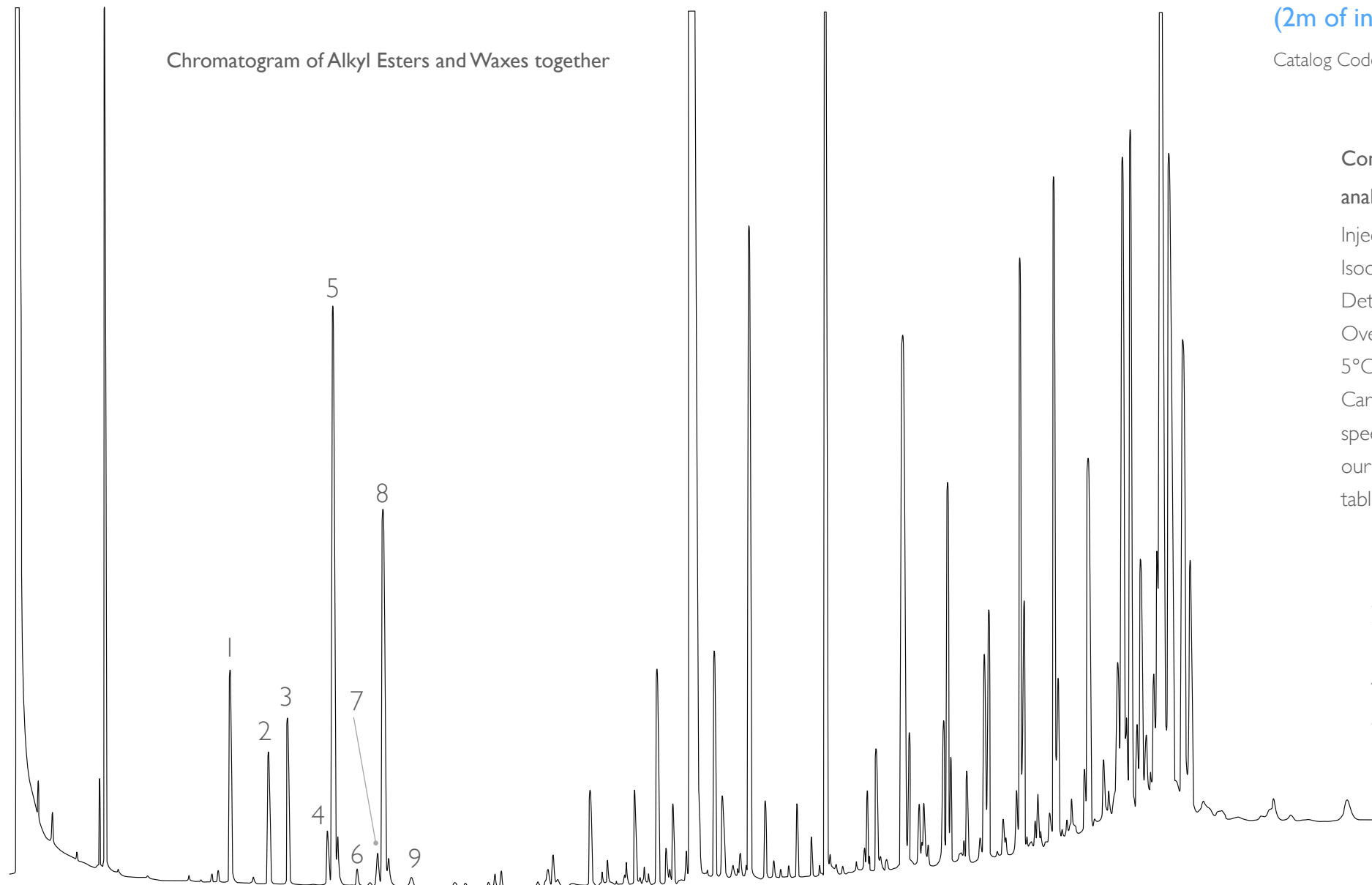
Oven Program: 80°C (1 min), 20°C/min, 220°C, 5°C/min, 335°C (isothermal).

Carrier Gas: Helium or Hydrogen at the optimal linear speed for the carrier gas chosen (you can download [here](#) our Recommended GC Columns Pressures and Flows table).



1 + 1'. C40 Esters  
2 + 2'. C42 Esters  
3 + 3'. C44 Esters  
4 + 4'. C46 Esters

Acknowledgments: many thanks to Prof. C. Mariani, Stazione Sperimentale Oli e Grassi (SSOG), Milano, Italy.



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Conditions optimized for Alkyl Esters and Waxes  
analysis together:

Injection: Cold On-Column, 1  $\mu$ L of n-Heptane or  
Isooctane solution).

Detector: FID, 350°C.

Oven Program: 80°C (1 min), 20°C/min, 140°C,  
5°C/min, 335°C (isothermal).

Carrier Gas: Helium or Hydrogen at the optimal linear  
speed for the carrier gas chosen (you can download [here](#)  
our Recommended GC Columns Pressures and Flows  
table).

- |                  |             |
|------------------|-------------|
| 1. Me C16        | 6. Me C18   |
| 2. Et C16        | 7. Et C18:2 |
| 3. Me C17 (I.S.) | 8. Et C18:1 |
| 4. Me C18:2      | 9. Et C18   |
| 5. Me C18:1      |             |

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## MEGA GAP

integrated built - in retention gap

MEGA-GAP columns incorporate both guard pre-column and analytical column in a continuous length of tubing, eliminating the connection and all connection-associated problems.

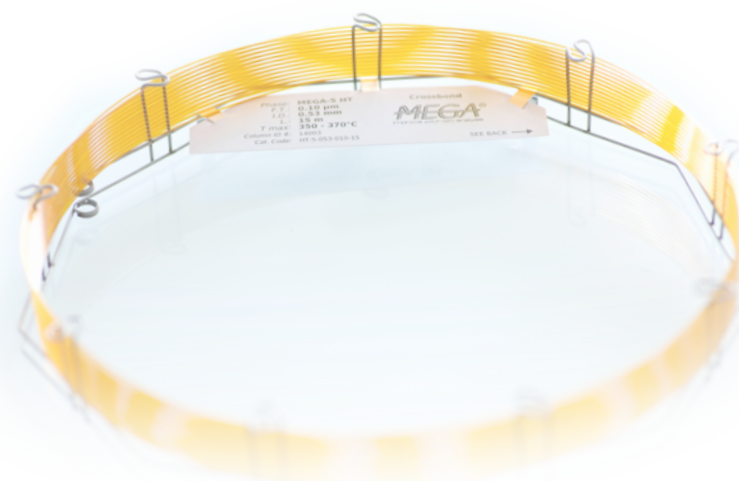
The guard column side is marked with a temperature resistant label so you can always remember which is the pre-column portion.

MEGA-GAP technology is available for any type of column (any type of stationary phase and tubing size) and the length of the guard pre-column part is completely customizable.

## Mega HT

High Temperature Columns

MEGA-SE52 GAP is also available for High Temperature use. MEGA-SE52 HT (GAP) can reach up to 380°C with high temperature fused silica tubing.



# MEGA®

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