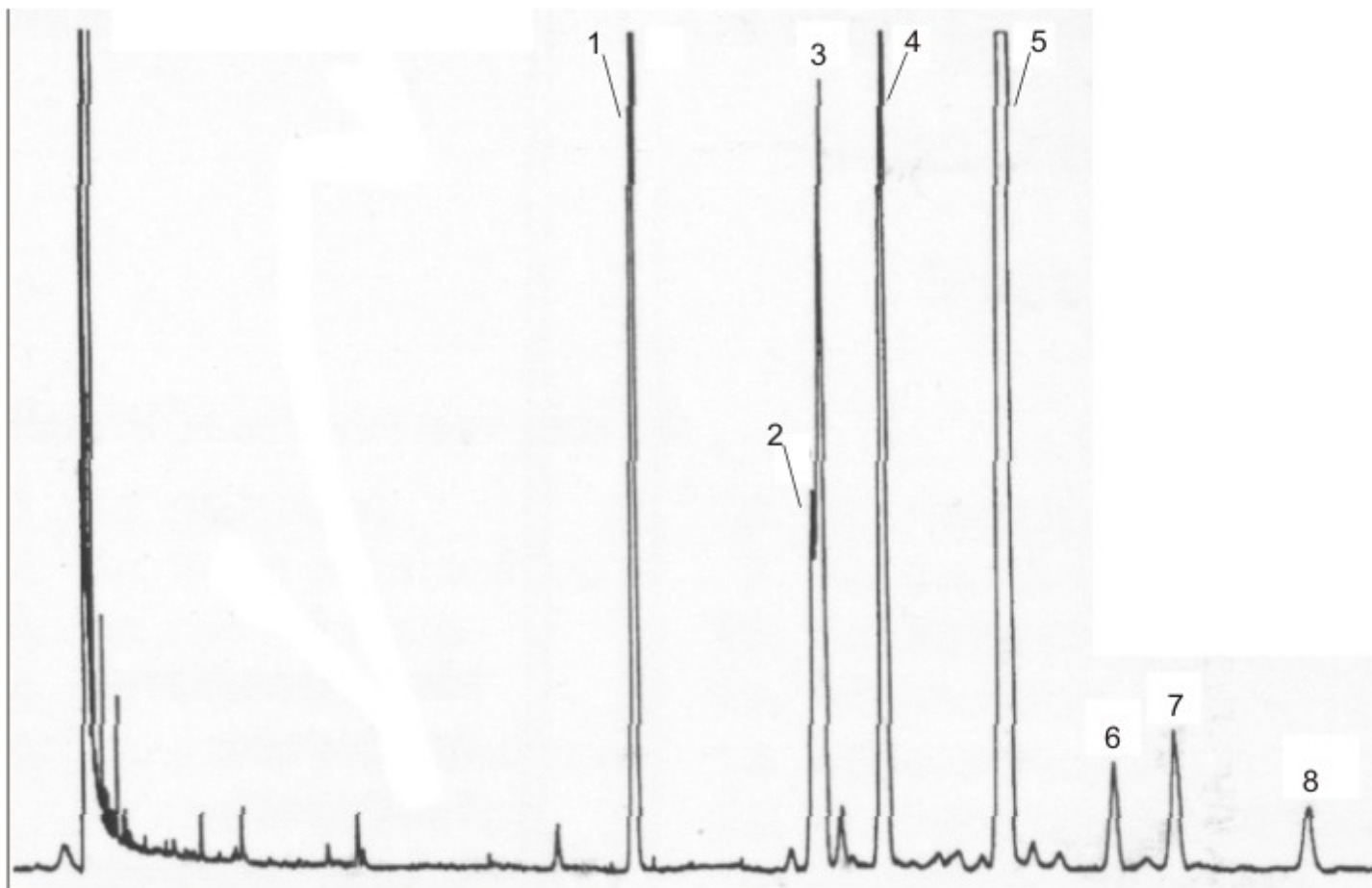


STEROLS (TMS) – SOYA OIL

Courtesy of Dott. Mariani – Stazione Sperimentale Olii e Grassi, Milano, Via Giuseppe Colombo 79



Column

Phase	MEGA-LAP
I.D.	0.32 mm
Film Thickness	0.1 µm
Length	25 m

Chromatographic Conditions

Injector	Split	300°C
Split Ratio	1:80	
Oven	Isot.	220°C
Detector	FID	300°C
Carrier Gas	Hydrogen	1.2 mL/min

Peak Identification

1	α-colestanolo (I.S.)
2	22,23-diidrobrassicasterolo
3	Campesterolo
4	Stigmasterolo
5	Sitosterolo
6	Δ5-avenasterolo
7	Δ7-stigmastenolo
8	Δ7-avenasterolo

Note

MEGA-LAP (LIPID ANALYSIS PHASE) is a special stationary phase optimized for the triglycerides separation, stable until 370°C