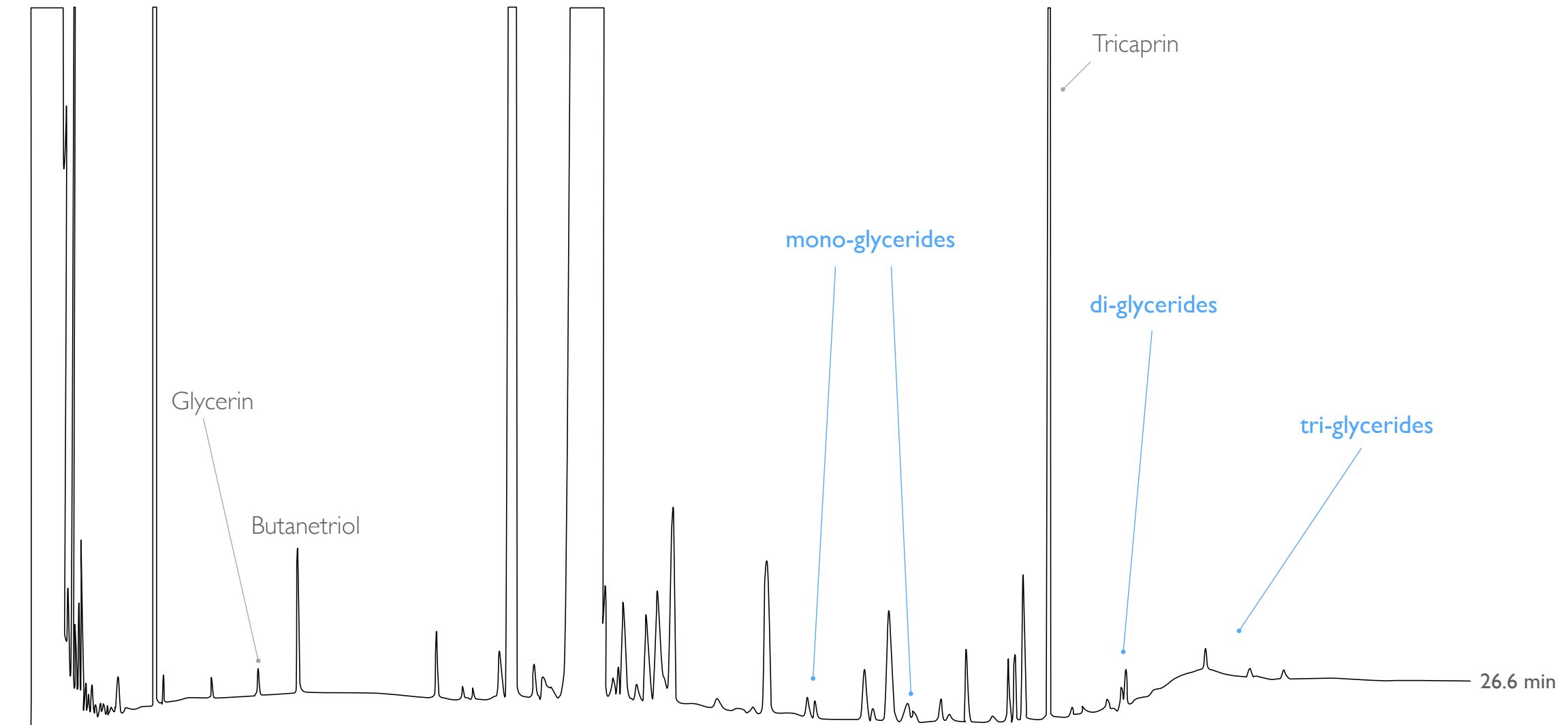




Column: MEGA-BIODIESEL 105 - 0.32mm, 0.10µm, 15m
Catalog Code: C-BIODIESEL105-032-010-15



Acknowledgments: analysis carried out by **Lic. Rodolfo A. Cabrera** (Unitec Bio S.A., Santa Fe - Argentina). **Lab Solutions SRL** (Buenos Aires - Argentina - www.labsolutions.com.ar) is our official distributor and partner for Argentina.



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Biodiesel (B100) - UNI EN 14105 - ASTM D6584



- | | | |
|----------------------------|------------------------------------|-----------------------------------|
| 1. Glycerin | 6. Mono linolenyl glycerol | 11. beta-Sitosterol TMS |
| 2. Butanetriol | 7. Mono oleoyl glycerol + Linoleyl | 12. Tricaprin |
| 3. FAME 16 | 8. Mono stearoyl | 13. Diolein |
| 4. C16:0 | 9. Campesterol TMS | 14. beta-Sitosterol glucoside TMS |
| 5. Mono palmitoyl glycerol | 10. Stigmasterol TMS | |

Column: **MEGA-BIODIESEL 105** - 0.32mm, 0.10µm, 15m
Catalog Code: C-BIODIESEL105-032-010-15

Conditions:

Injection: PTV (from 100°C to 370°C).

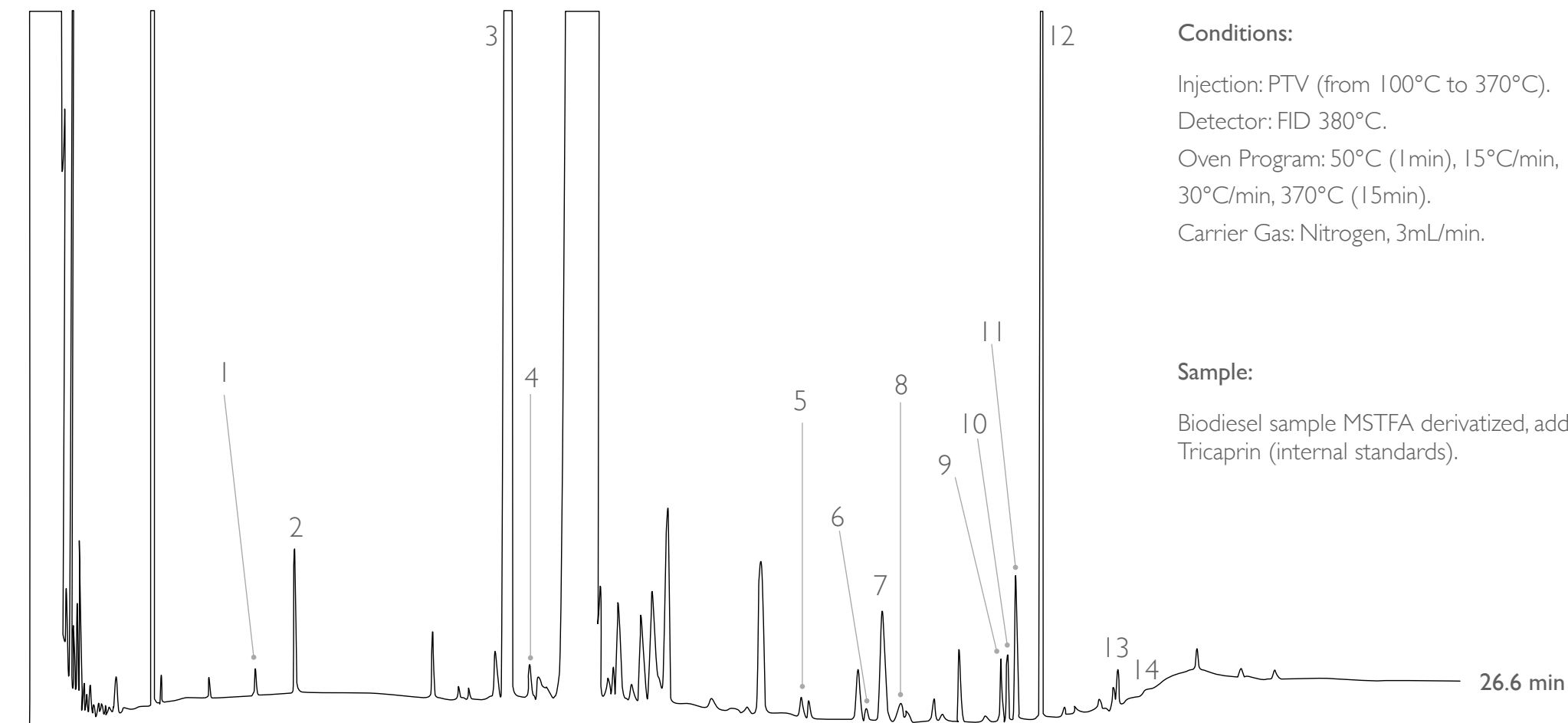
Detector: FID 380°C.

Oven Program: 50°C (1min), 15°C/min, 180°C, 7°C/min, 230°C, 30°C/min, 370°C (15min).

Carrier Gas: Nitrogen, 3mL/min.

Sample:

Biodiesel sample MSTFA derivatized, additioned with Butanetriol and Tricaprin (internal standards).



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