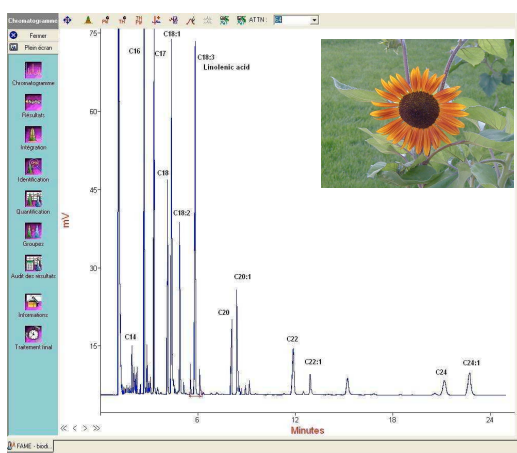




PR Chromatograph with optional liquid autosampler

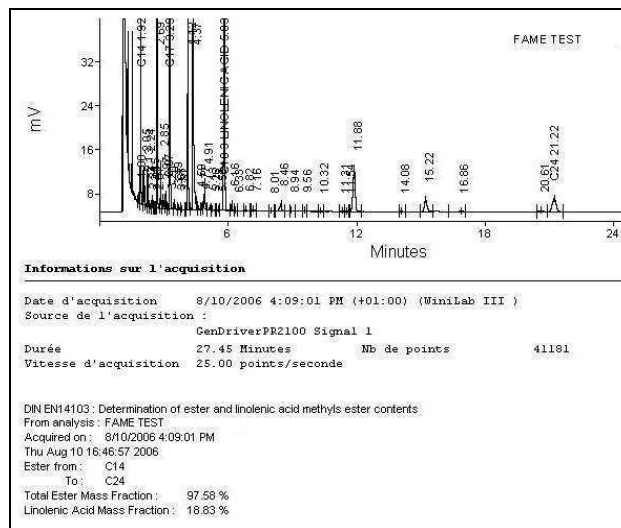


Fatty Acid Methyl Ester analysis



- **EN 14103 normalised method**
 - C14 to C24 Fatty Acid Methyl Esters (FAME) analysis.
 - Determination of ester content and linoleic acid methyl ester content according to the method.
- **EN 14105 or ASTM D 6584 normalised method**
 - Determination of mono-, di- and tri-glycerides.
 - Determination of free and total Glycerin
- **EN 14110 normalised method**
 - Determination of methanol content.

Fatty acid methyl ester analysis

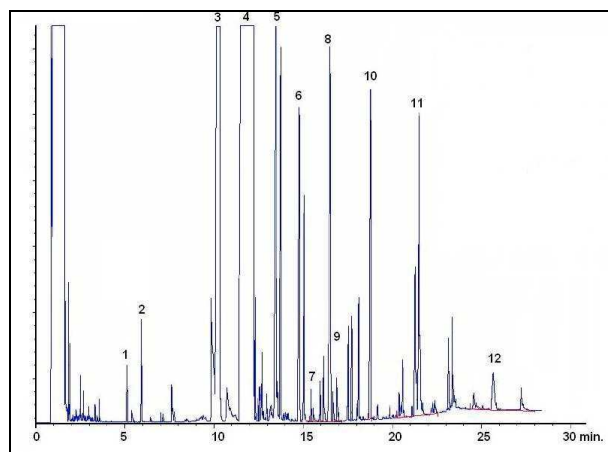


Equipment description

PR 2100 chromatograph equipped with split-splitless injector and FID detector.

- Capillary column 25 m x 0.32 mm x 0.25µm phase type : polyethylene glycol .
- Internal standard methyl heptadecanoate
- **Winilab III** data system with post-run ester and linoleic acid content calculation program.
- Optional : **ALS 104** Automatic Liquid Sampler.

Mono-, di- and tri-glycerides and glycerol analysis



Equipment description

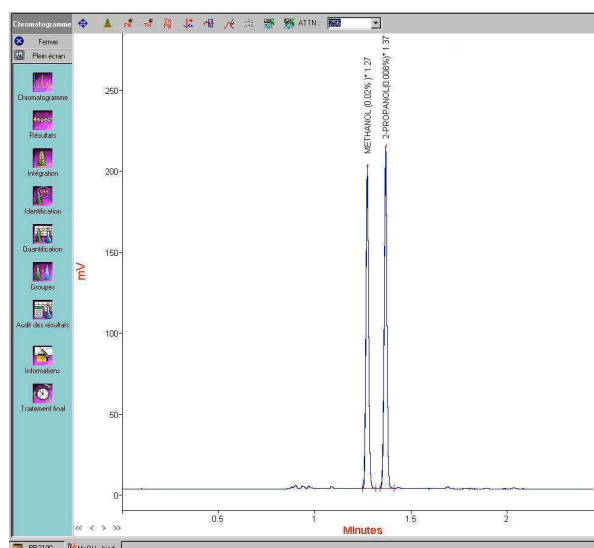
PR 2100 chromatograph equipped with **multi-injector** (mode "cold-on-column") and FID detector

Capillary column 12 m x 0.32 mm x 0.1 μ m
phase type : 5% phenylpolydimethylsiloxane

List of compounds:

- | | |
|-------------------------------|--|
| 1) Glycerol | 7) Monopalmitin |
| 2) Butanetriol | 8) Monolein, Monolinolein, Monolinolenin |
| 3) C16:0 Ester | 9) Monosterein (Monoglycerides) |
| 4) C18:0, C18:1, 18:2 (ester) | 10) Tricarin |
| 5) C20:0, 20:1 (ester) | 11) C34, 36, 38 (Diglycerides) |
| 6) C22:0, 22:1 (ester) | 12) C52, 54, 58 (Triglycerides) |

Methanol analysis



Equipment description

PR 2100 chromatograph equipped with split-splitless inject and FID detector

Capillary column 30 m x 0.32 mm x 3 μ m
phase type : methylpolysiloxane