

バイオディーゼル – ASTM D6584 キャリブレーションスタンダード

Column: MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No.: 28668-U

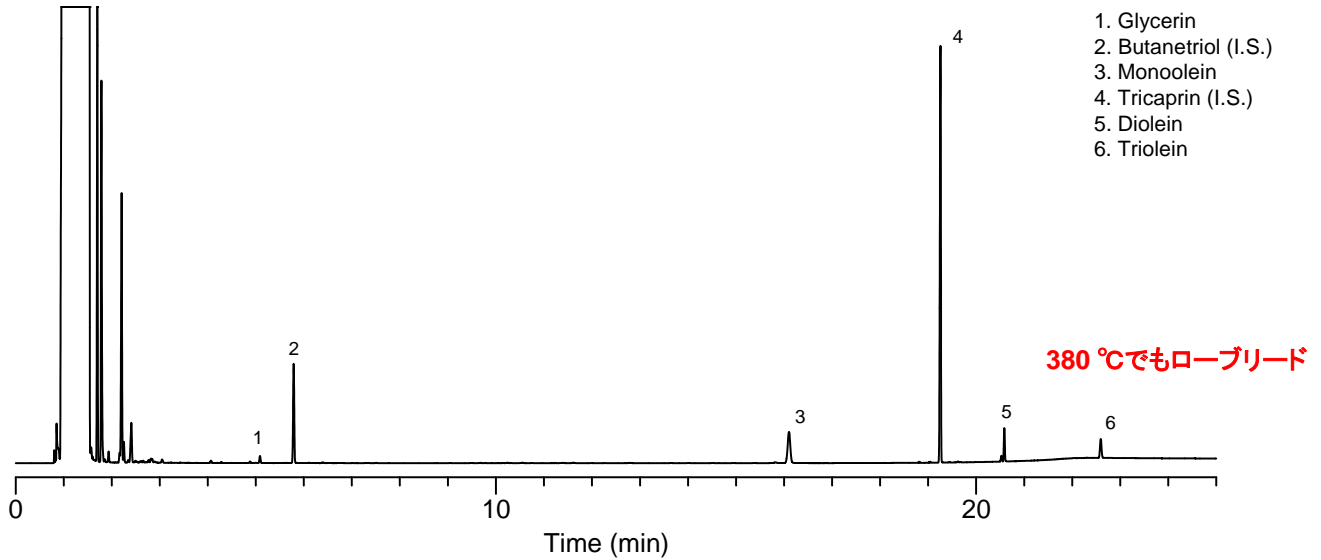
Oven: 50 °C (1 min.), 15 °C /min. to 180 °C, 7 °C /min. to 230 °C, 30 °C /min. to 380 °C (10 min.)

Det.: FID, 380 °C

Carrier gas: helium, 3.0 mL/min.

Injection: 1 μ L, cold on-column

Sample: ASTM D6584 Standard Solution 1 (44899-U) plus Butanetriol Internal Standard (44896-U) and Tricaprin Internal Standard (44897-U), derivatized with MSTFA (394866) then diluted in n-heptane



バイオディーゼル – EN14105 モノグリセライドスタンダード

Column: MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No.: 28668-U

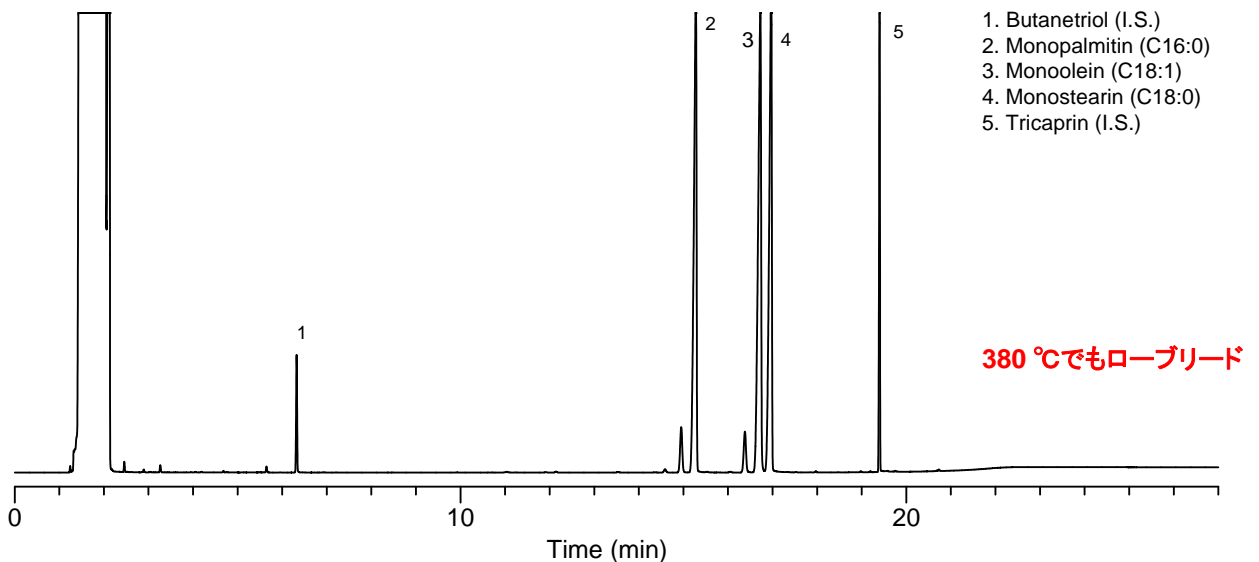
Oven: 50 °C (1 min.), 15 °C /min. to 180 °C, 7 °C /min. to 230 °C, 30 °C /min. to 380 °C (10 min.)

Det.: FID, 380 °C

Carrier gas: helium, 3.0 mL/min.

Injection: 1 μ L, cold on-column

Sample: EN 14105:2003 Monoglyceride Stock Solution (49446-U) plus Butanetriol Internal Standard (44896-U) and Tricaprin Internal Standard (44897-U), derivatized with MSTFA (394866) then diluted in n-heptane



バイオディーゼル – B100 バイオディーゼルサンプル

Column : MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No. : 28668-U

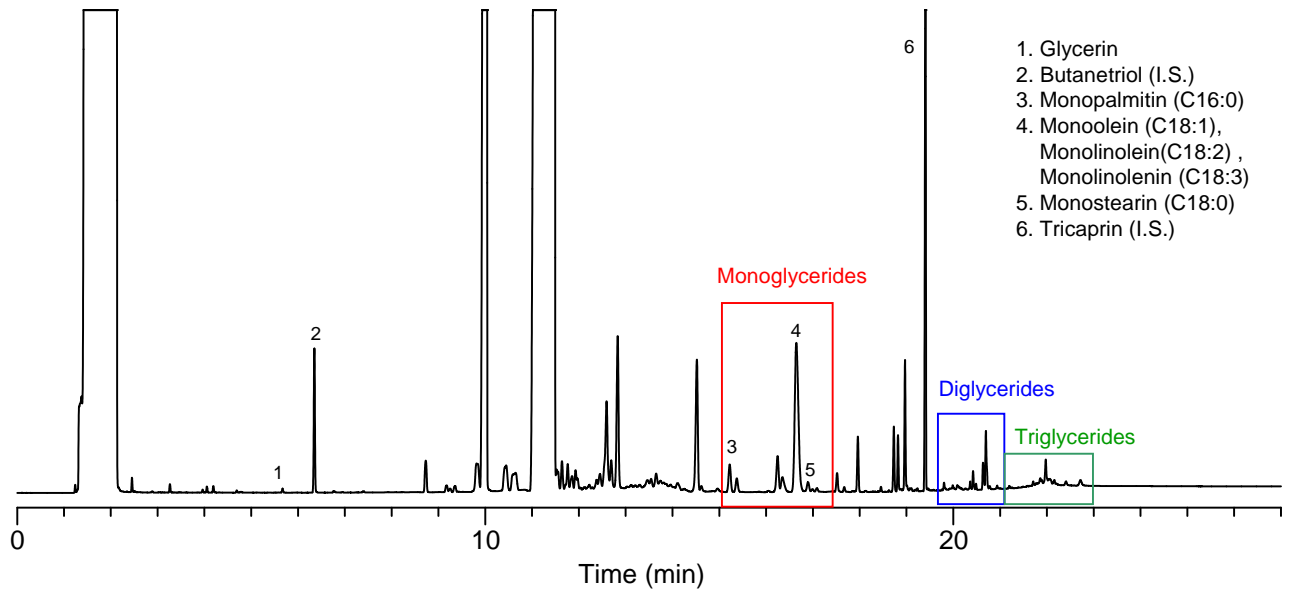
Oven : 50 °C (1 min.), 15 °C /min. to 180 °C, 7 °C /min. to 230 °C, 30 °C /min. to 380 °C (10 min.)

Det. : FID, 380 °C

Carrier gas: helium, 3.0 mL/min.

Injection : 1 μ L, cold on-column

Sample : B100 Biodiesel plus Butanetriol Internal Standard (44896-U) and Tricaprin Internal Standard (44897-U), derivatized with MSTFA (394866) then diluted in n-heptane



トリグリセライド(バター)

Column : MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No. : 28668-U

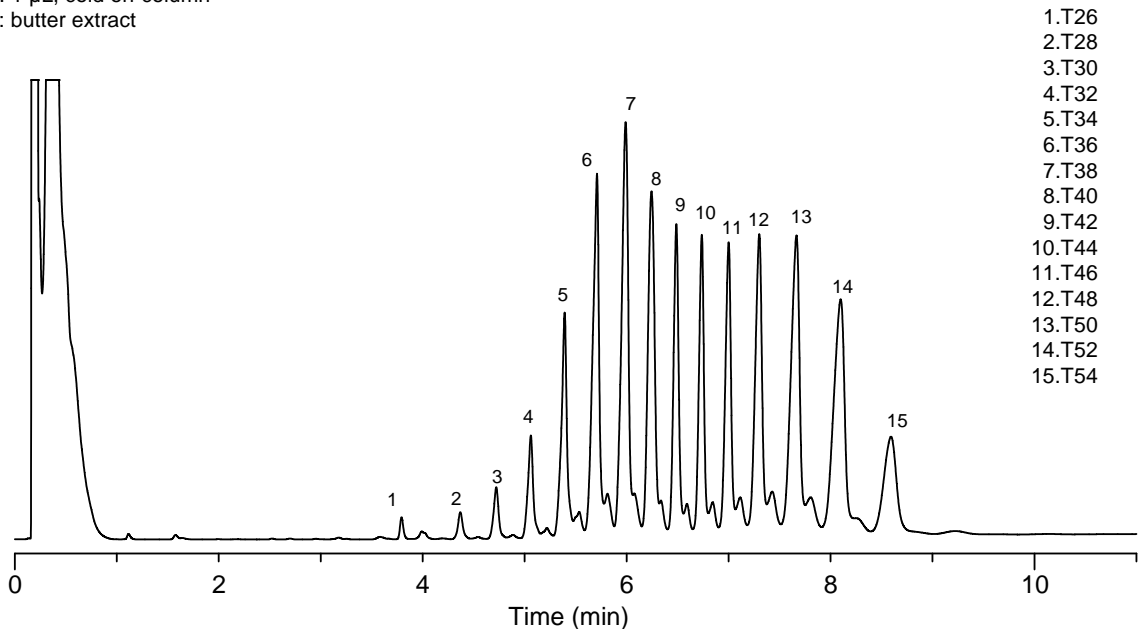
Oven : 150 °C, 30 °C /min. to 350 °C (15 min.)

Det. : FID, 400 °C

Carrier gas: helium, 15 mL/min.

Injection : 1 μ L, cold on-column

Sample : butter extract



トリグリセライド(ラード)

Column : MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No. : 28668-U

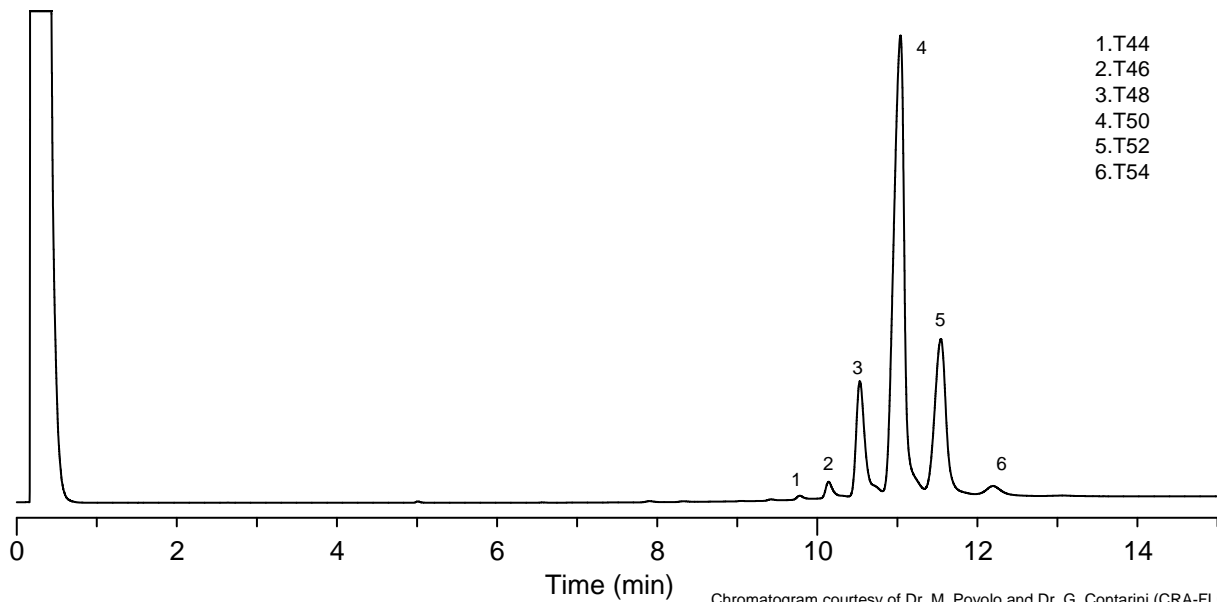
Oven : 150 $^{\circ}$ C, 20 $^{\circ}$ C/min. to 350 $^{\circ}$ C (15 min.)

Det. : FID, 400 $^{\circ}$ C

Carrier gas:helium, 15 mL/min.

Injection : 1 μ L, cold on-column

Sample :lard extract



グリセライド(やし油)

Column : MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No. : 28668-U

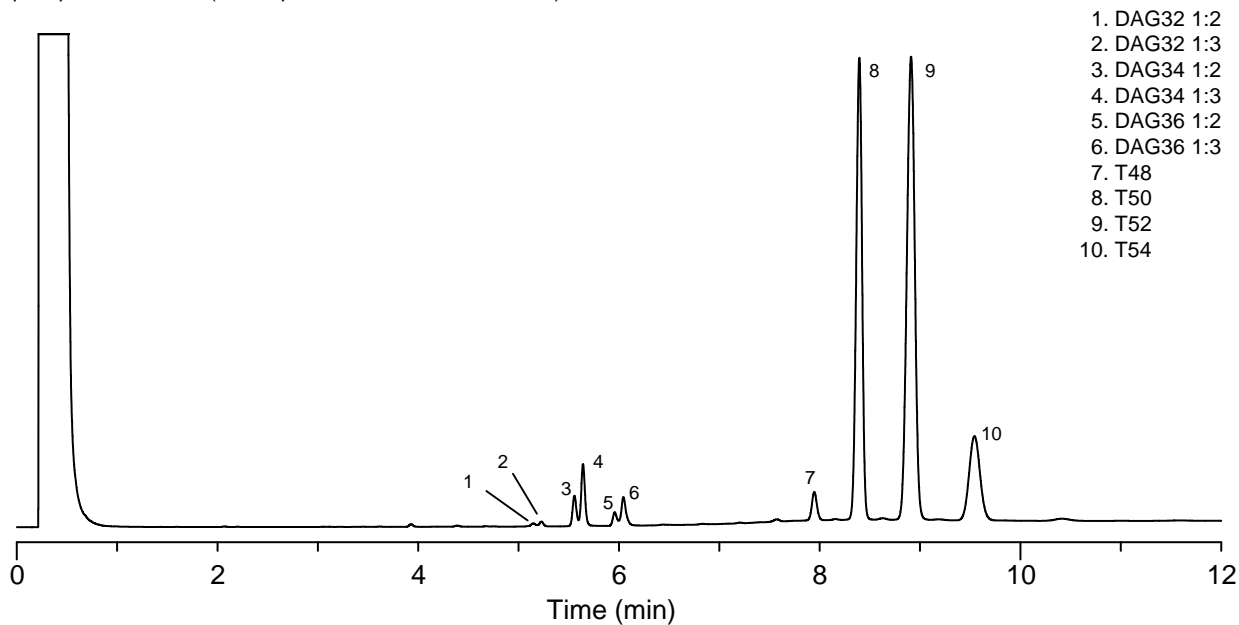
Oven : 200 $^{\circ}$ C, 20 $^{\circ}$ C/min. to 350 $^{\circ}$ C (15 min.)

Det. : FID, 380 $^{\circ}$ C

Carrier gas: helium, 10 mL/min.

Injection : 1 μ L, cold on-column

Sample : palm oil extract (subsequent derivatization with TMS)



オリーブオイルワックス

Column : MET-Biodiesel, 14 m x 0.53 mm I.D., 0.16 μ m with integrated 2 m x 0.53 mm I.D. guard

Cat.No. : 28668-U

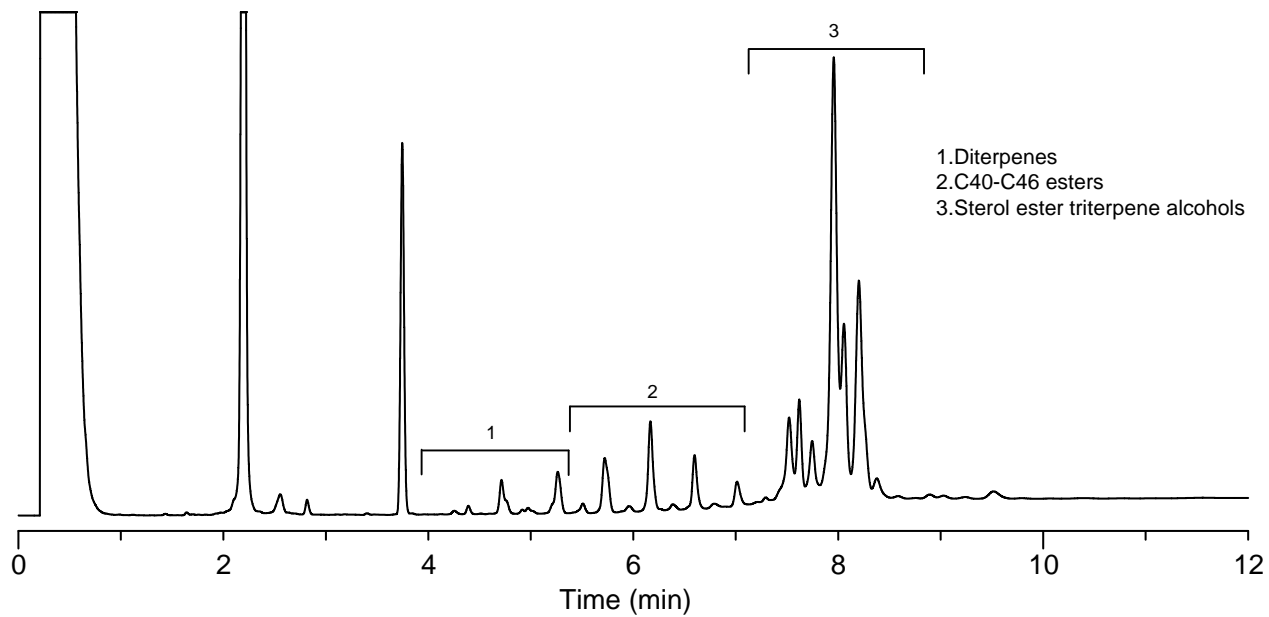
Oven : 200 °C, 20°C/min. to 350°C (15 min.)

Det. : FID, 380 °C

Carrier gas : helium, 10 mL/min.

Injection : 1 μ L, cold on-column

Sample : olive oil waxes



Chromatogram courtesy of Dr. C. Mariani (SSOG, Milan, Italy)