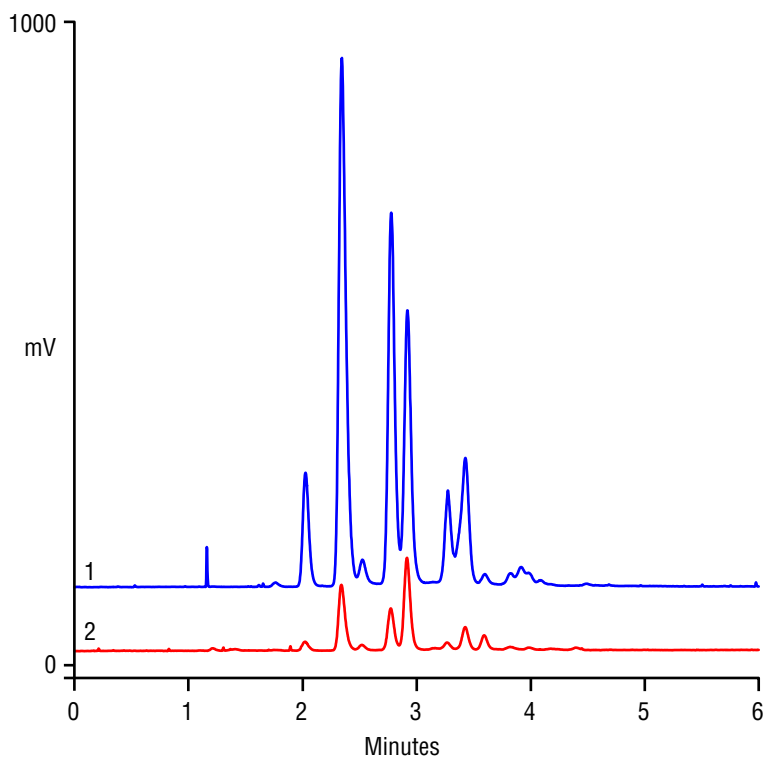**DIONEX**

**High-Resolution Triglyceride Profile of Cooking Oils
on Acclaim RSLC C18 with Evaporative Light Scattering Detection**

Column: Acclaim® 120 RSLC C18, 2.2 µm
Dimensions: 2.1 × 100 mm
System: UltiMate® 3000 RSLC
Mobile Phase: A. Acetonitrile
B. Ethyl acetate
Gradient Time:

min	-4.0	0.0	0.25	8.0	10.0
%A	40	40	40	10	10
%B	60	60	60	90	90

Temperature: 15 °C
Flow Rate: 0.4 mL/min
Column Pressure: 160 bar
Injection: 2 µL; valve to bypass at 0.20 min.
Detection: ELSD, spray 45 °C, drift 65 °C, filter 2, gas 50 psi

Samples: A. Wheat germ oil
B. Soy oil
(1 mg/mL in 2-propanol)

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When comparing oils of similar properties, or trying to get a detailed profile of an oil, a high-resolution analysis is needed. The Acclaim 120 RSLC C18 2.2 µm 2.1 × 100 mm column provides excellent efficiency without a speed penalty. Selectivity is improved by using an acetonitrile/ethyl acetate gradient at sub-ambient temperature.