Monitoring of Synthesized Compound with a SofTA™ ELSD

Overview

The following data shows the usefulness of the SofTA ELSD compared with a UV detector. As G-OMe does not have UV absorbance, it is difficult to monitor this synthesis reaction with a UV detector.

Source: G-OMe

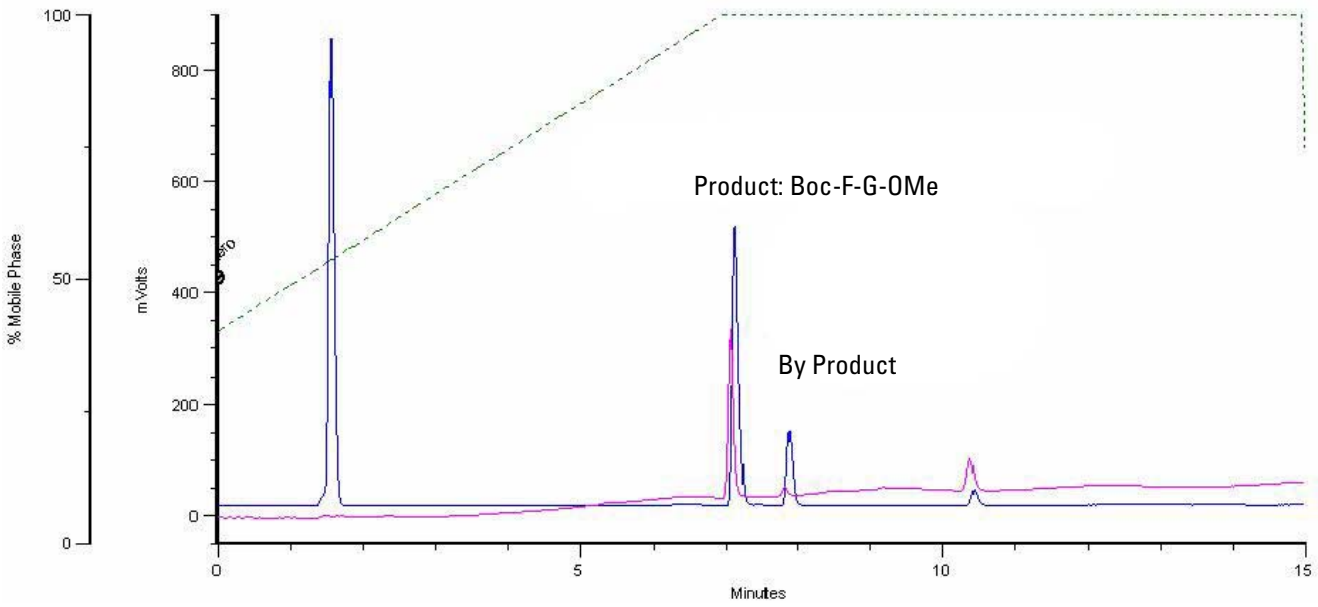

Figure 1: G-OMe (Glycine methylester) + Boc-F (Butoxy phenylalanine) = Boc-F-G-OMe

- Column: BETASILC18 4.6 x 150 mm L
- Col. Temp.: Ambient
- Mobile Phase: A_H2O, B_MeOH
- Gradient; 0 min 40% B, 7 min 100% B, 15 min 100% B
- Flow Rate; 1 ml/min
- ELSD: Blue line
- SC temp.: 45 °C
- DT temp.: 60 °C
- FLT; 0
- UV: 254 nm (0.001 au 10mV) Red line

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