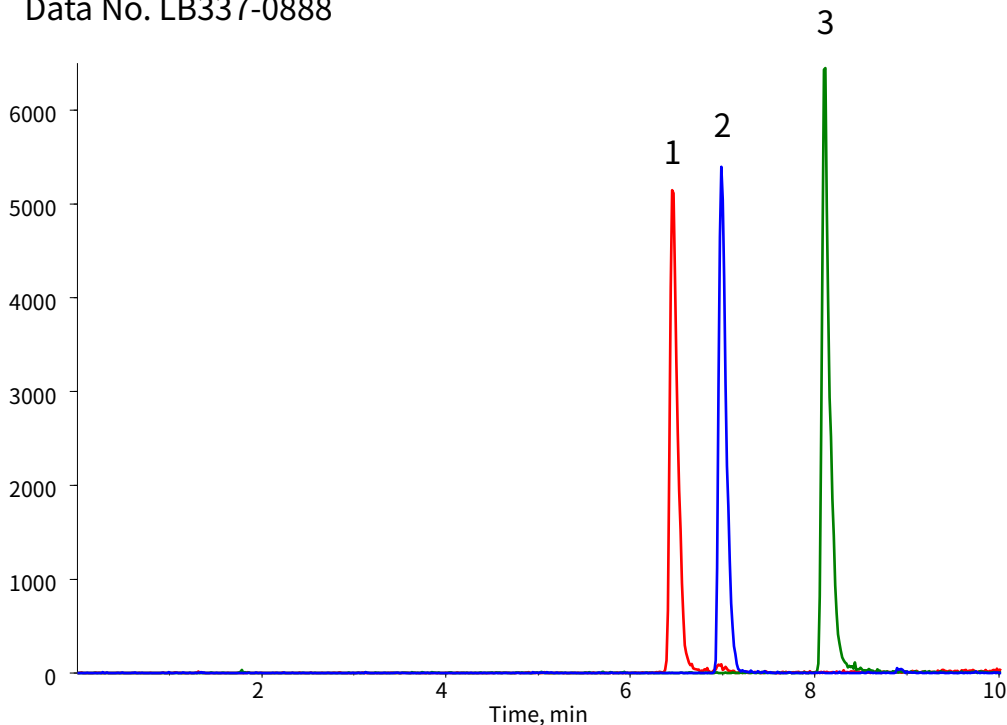


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Glyphosate, Glufosinate and AMPA derivatized with 9-Fluorenylmethyl Chloroformate (FMOC)

Data No. LB337-0888



### Conditions

**System** : LC800 HPLC System  
**Column** : InertSustain C18  
(3 µm, 150 x 2.1 mm I.D., Metal-free hardware)  
**Column Cat. No.** : 5020-00541  
**Eluent** : A) CH<sub>3</sub>CN  
B) 5 mM CH<sub>3</sub>COONH<sub>4</sub> in H<sub>2</sub>O

**Analyte:**  
1. FMOC-Glyphosate  
2. FMOC-Glufosinate  
3. FMOC-AMPA

|               |     |
|---------------|-----|
| Q1            | Q3  |
| 390           | 168 |
| 402           | 180 |
| 332           | 110 |
| (2 µg/L each) |     |

| Time (min) | A (vol%) | B (vol%) |
|------------|----------|----------|
| 0.00       | 5        | 95       |
| 9.30       | 63       | 37       |
| 13.00      | 95       | 5        |
| 13.01      | 5        | 95       |
| 18.00      | 5        | 95       |

**Flow Rate** : 0.25 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : LC/MS/MS (4000 QTRAP® ESI, Negative, MRM)  
**Injection Vol.** : 10 µL  
**Sample** : Standard