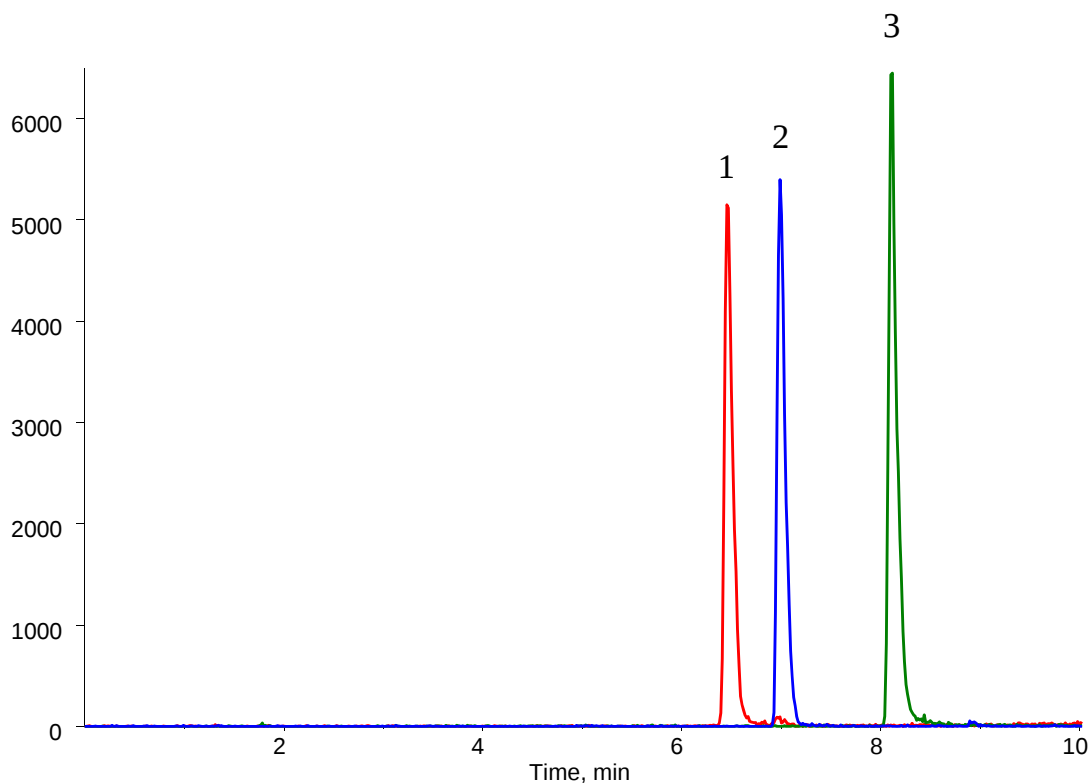


InertSearch™ for LC

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 μ m, 150 x 2.1 mm I.D., Metal-free hardware)

Column Cat. No. : 5020-00541

Eluent : A) CH₃CN
B) 5 mM CH₃COONH₄ in H₂O

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 μ L

Sample : Standard

Analyte:

1. FMOC-Glyphosate
2. FMOC-Glufosinate
3. FMOC-AMPA

Q1	Q3
390	168
402	180
332	110
(2 μ g/L each)	