

Low Concentration Spike of Baby Formula Using Melamine Screen on ZB-5ms with MSD (SIM)

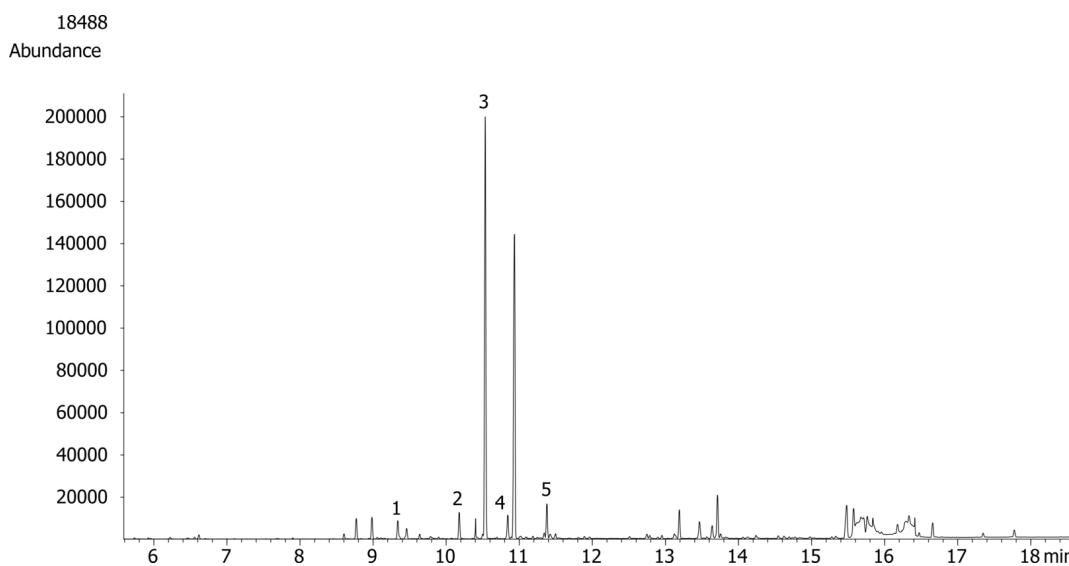
Column: Zebtron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G010-11
Oven Profile:

Carrier Gas: Constant Flow Helium, 0.9 mL/min
Injection: Splitless 0.000000000:1 0 µL @ 280°C
Detection: Refractive Index (320°C)

Analyst Note: Low Concentration Spiked Sample of Baby Formula using Scan Mode.
Analytes were extracted via Liquid/Liquid Extraction (LLE) method, centrifuged, filtered, and derivatized with BSTFA in pyridine as per FDA Screening Method.
Cyanuric Acid (345*, 330, 188)
Melamine (327*, 342, 197)
Ammelide (344*, 329, 198)
Ammeline (328*, 343, 285)
DACP [IS] (273*, 288, 237)



Products used in this application:

**ANALYTES:**

- 1 Cyanuric acid
- 2 Ammelide
- 3 DACP
- 4 Ammeline
- 5 Melamine

