GC Application ID No.: 18489

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

Column:	Zebron™ 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:	75 °C for 1 min to 320 °C @ 15 °C/min for 2.67 min.
Carrier Gas:	Constant Flow Helium, 0.9 mL/min

Injection: Splitless :1 1 µL @ 280°C

Detection: Mass Selective (MSD) (320°C)

Analyst Note: High Concentration Sample Spike of Baby Formula using Scan Mode. nign concentration Sample Spike of Baby Formula using Scan Mode. Analytes were extracted via Liquid/Liquid Extraction (LLE) method, centrifuged, filtered, and deriviatized 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)



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Products used in this application:



Abundance ż min

ANALYTES:

- Cyanuric acid
- Ammelide
- DACP
- Ammeline
- Melamine

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