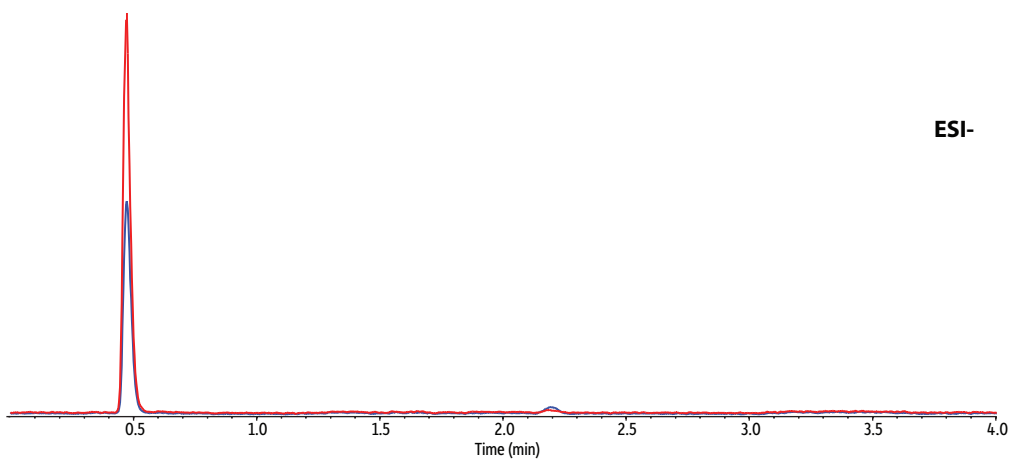
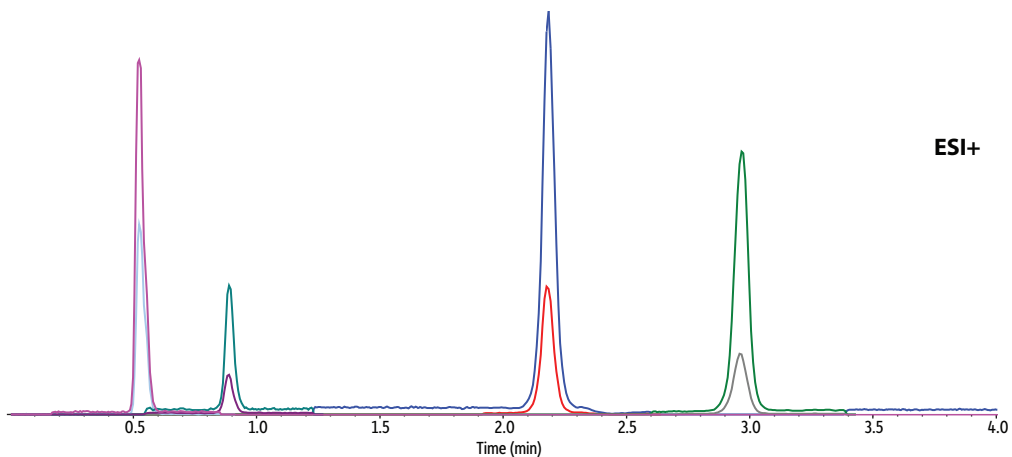


Food Adulterants on Raptor HILIC-Si



LC_FS0515

Peaks	tr (min)	Precursor Ion	Product Ion	Product Ion	Polarity
1. Cyanuric acid	0.47	127.8	84.9	42.1	-
2. Cyromazine	0.52	167.0	68.2	85.1	+
3. Melamine	0.89	127.2	85.0	68.3	+
4. Ammelide	2.18	129.1	86.1	70.2	+
5. Ammeline	2.97	128.2	86.2	69.1	+

Column Raptor HILIC-Si (cat.# 9310A52)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Temp.: 30 °C
Sample
Diluent: 5:95 Water:acetonitrile, 10 mM ammonium formate, 0.1% formic acid
Conc.: 25 ng/mL
Inj. Vol.: 5 µL
Mobile Phase
A: Water, 10 mM ammonium formate, 0.1% formic acid
B: 5:95 Water:acetonitrile, 10 mM ammonium formate, 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.6	0	100
0.50	0.6	0	100
3.50	0.6	5	95
3.51	0.6	0	100
8.00	0.6	0	100

Detector MS/MS
Ion Mode: ESI+/ESI-
Mode: Scheduled MRM
Instrument HPLC