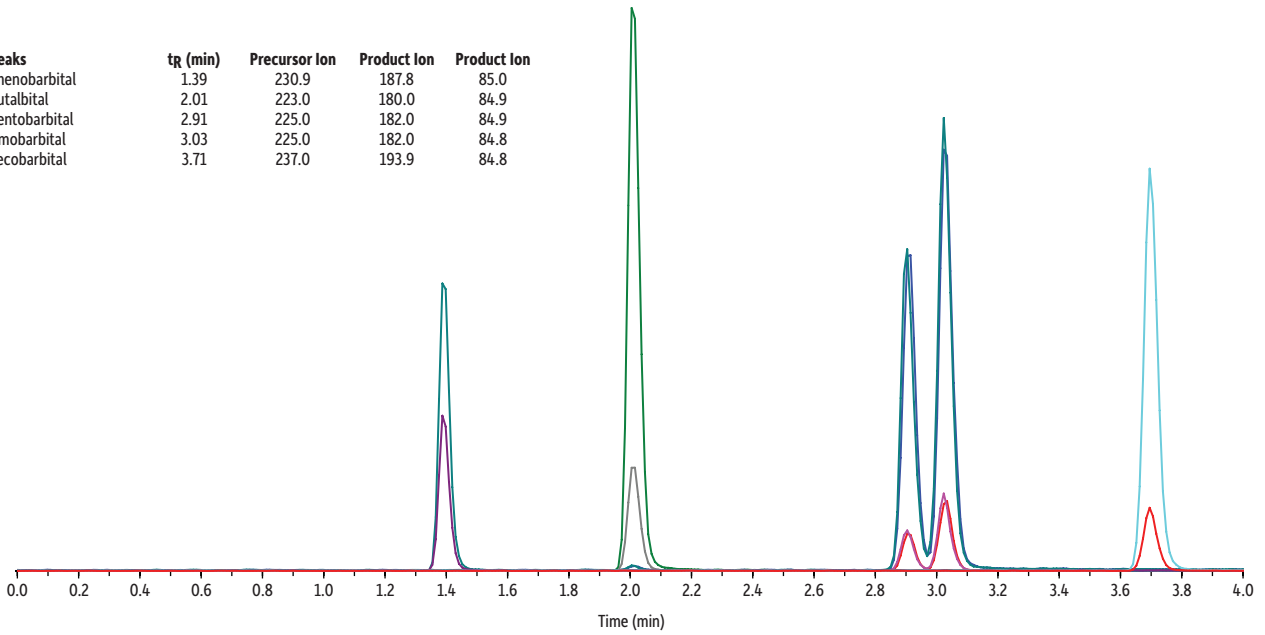


Barbiturate Drug Panel on Raptor™ C18 by LC-MS/MS

Peaks	tr (min)	Precursor Ion	Product Ion	Product Ion
1. Phenobarbital	1.39	230.9	187.8	85.0
2. Butalbital	2.01	223.0	180.0	84.9
3. Pentobarbital	2.91	225.0	182.0	84.9
4. Amobarbital	3.03	225.0	182.0	84.8
5. Secobarbital	3.71	237.0	193.9	84.8



LC_CF0619

Column Raptor™ C18 (cat.# 9304A12)
 Dimensions: 100 mm x 2.1 mm ID
 Particle Size: 2.7 µm
 Temp.: 50 °C
Sample
 Diluent: Water
 Conc.: 500 ng/mL
 Inj. Vol.: 5 µL
Mobile Phase
 A: Water + 0.1% formic acid
 B: Acetonitrile + 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.6	80	20
4.00	0.6	72	28
4.01	0.6	80	20
6.00	0.6	80	20

Detector MS/MS
 Ion Mode: ESI-
 Mode: MRM
Instrument UHPLC