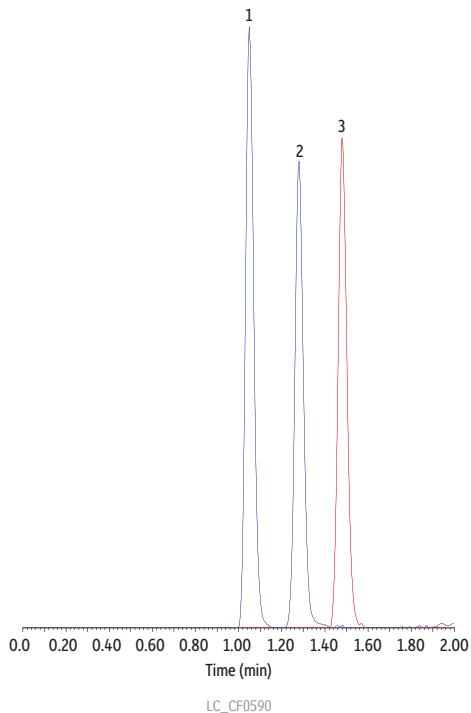


# Thyroid Hormones on Raptor™ Biphenyl by LC-MS/MS



Peaks	tR (min)	Precursor Ion	Product Ion
1. 3,3',5'-Triiodo-L-thyronine (T3)	1.05	651.84	605.80
2. 3,3',5'-Triiodo-L-thyronine (rT3)	1.28	651.84	605.80
3. L-Thyroxine (T4)	1.48	777.71	731.72

**Column** Raptor™ Biphenyl (cat.# 9309512)  
**Dimensions:** 100 mm x 2.1 mm ID  
**Particle Size:** 5 µm  
**Temp.:** 40 °C  
**Sample**  
**Diluent:** Water:methanol (35:65)  
**Conc.:** 1 ng/mL  
**Inj. Vol.:** 2 µL

**Mobile Phase**  
**A:** 0.1% Formic acid in water  
**B:** 0.1% Formic acid in methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	35	65
2.00	0.4	20	80
2.01	0.4	35	65
3.50	0.4	35	65

**Detector** MS/MS  
**Ion Mode:** ESI+  
**Instrument** HPLC