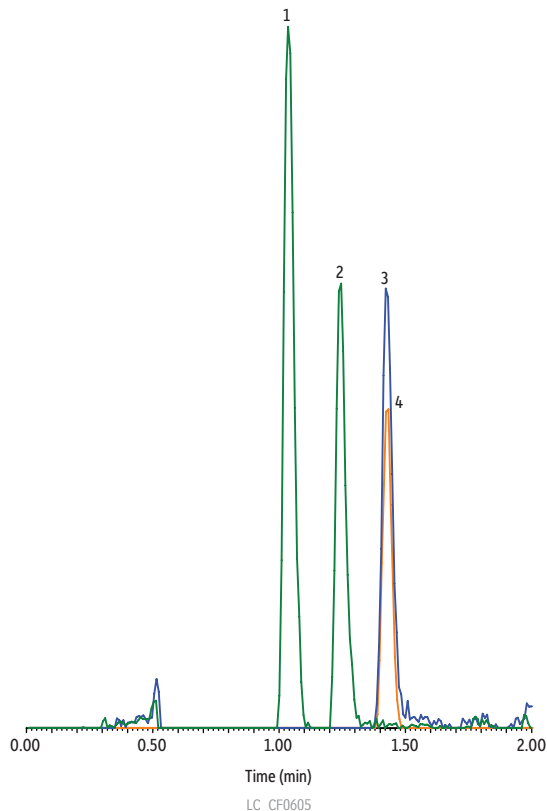


# Thyroid Hormone Analysis in 4% Human Albumin in PBS on Raptor™ Biphenyl by LC-MS/MS



Peaks	tR (min)	Precursor Ion	Product Ion
1. Tri-iodothyronine (T3)	1.04	652.07	606.10
2. Reverse tri-iodothyronine (rT3)	1.25	652.07	606.10
3. Thyroxin (T4)	1.43	778.03	731.97
4. Thyroxin-13C6	1.43	738.04	

**Column** Raptor™ Biphenyl (cat.# 9309A12)  
**Dimensions:** 100 mm x 2.1 mm ID  
**Particle Size:** 2.7 µm  
**Pore Size:** 90 Å  
**Guard Column:** Raptor™ Biphenyl EXP® guard column cartridge 5 mm, 2.1 mm ID, 2.7 µm (cat.# 9309A0252)  
**Temp.:** 40 °C

**Sample**  
**Diluent:** 30:70 Water:methanol  
**Conc.:** 20 pg/mL  
**Inj. Vol.:** 10 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	30	70
2.00	0.4	20	80
2.01	0.4	30	70
3.50	0.4	30	70

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