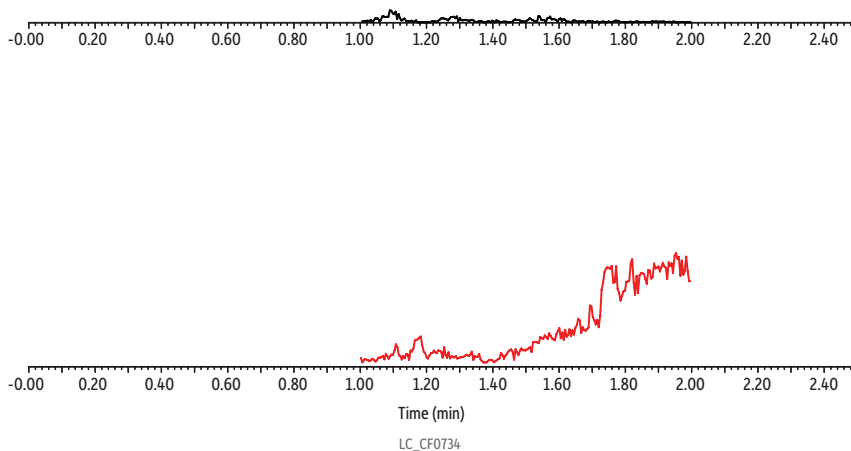


# Phosphatidylethanol 16:0/18:1 in Blank Human Blood on Raptor FluoroPhenyl

- Injection of blank immediately following highest standard.
- No carryover or interference.



Peaks	Conc.	Precursor Ion	Product Ion
1. Phosphatidylethanol-d5 (PEth-d5) 16:0/18:1	0 µM	706.57	281.34
2. Phosphatidylethanol (PEth) 16:0/18:1	0 µM	701.50	255.27

**Column** Raptor FluoroPhenyl (cat.# 9319A52)  
**Dimensions:** 50 mm x 2.1 mm ID  
**Particle Size:** 2.7 µm  
**Pore Size:** 90 Å  
**Temp.:** 40 °C  
**Standard/Sample**  
**Conc.:** Blank blood  
**Inj. Vol.:** 2 µL  
**Mobile Phase**  
**A:** Water, 5 mM ammonium acetate  
**B:** 9:1 Methanol:2-propanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	30	70
1.00	0.5	20	80
2.00	0.5	20	80
2.50	0.5	0	100
2.51	0.5	30	70
3.50	0.5	30	70

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

**Sample Preparation** Procedure provided by Redhot Diagnostics:  
 The blank blood sample (50 µL) was mixed with 50 µL of 2-propanol and 150 µL of 4:1 2-propanol:tetrahydrofuran. The mixture was vortexed for 20 seconds at 3000 rpm and centrifuged for 10 minutes at 4300 rpm. The supernatant (2 µL) was injected for analysis.