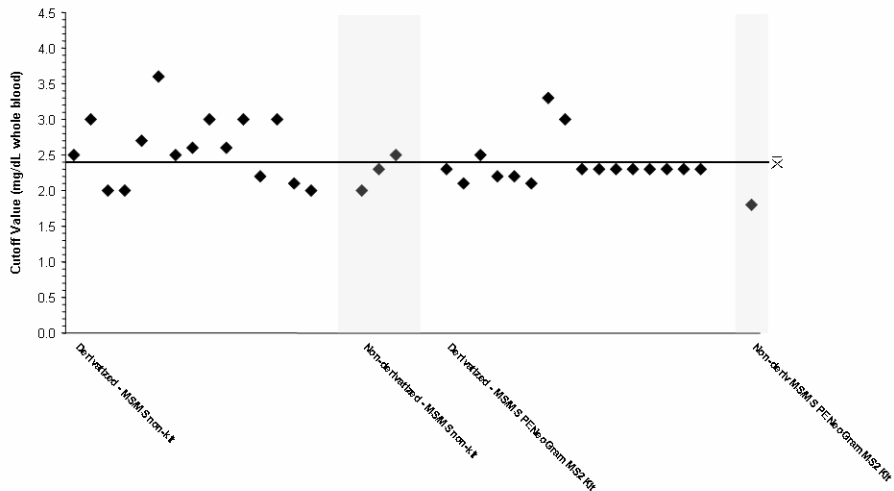
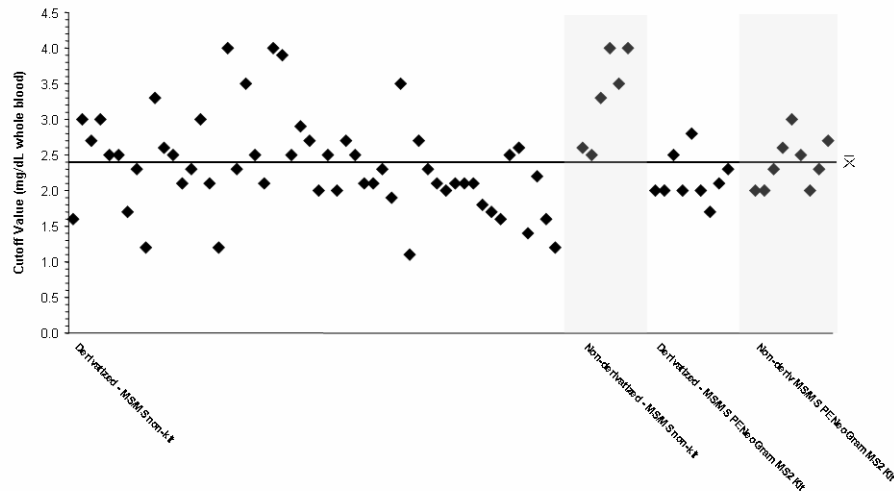


2005 Quarter 4 Lab Cutoff Values by MSMS Method*

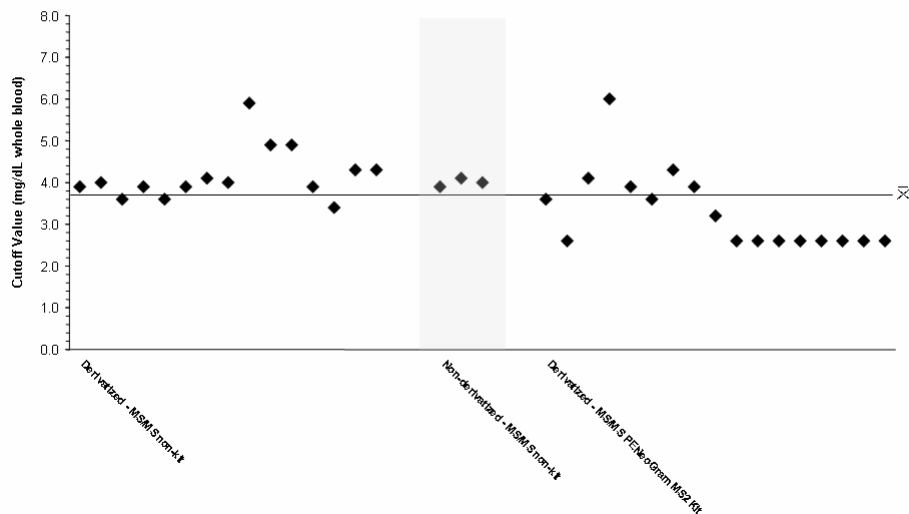
Phenylalanine
2005 Domestic Cutoff Values By Method
 Mean=2.4 mg/dL Mode=2.3 mg/dL



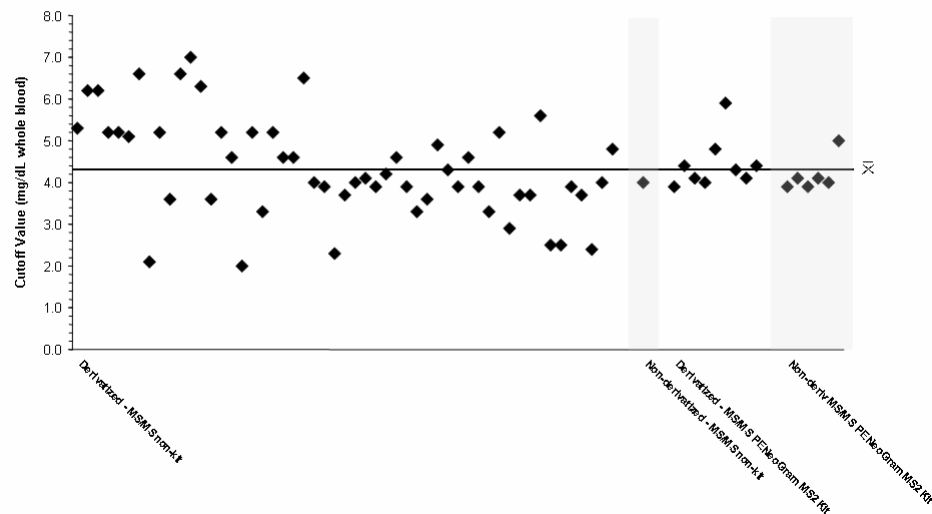
Phenylalanine
2005 International Cutoff Values By Method
 Mean=2.4 mg/dL Mode=2.5 mg/dL



Leucine
2005 Domestic Cutoff Values By Method
 Mean=3.7 mg/dL Mode=2.6 mg/dL

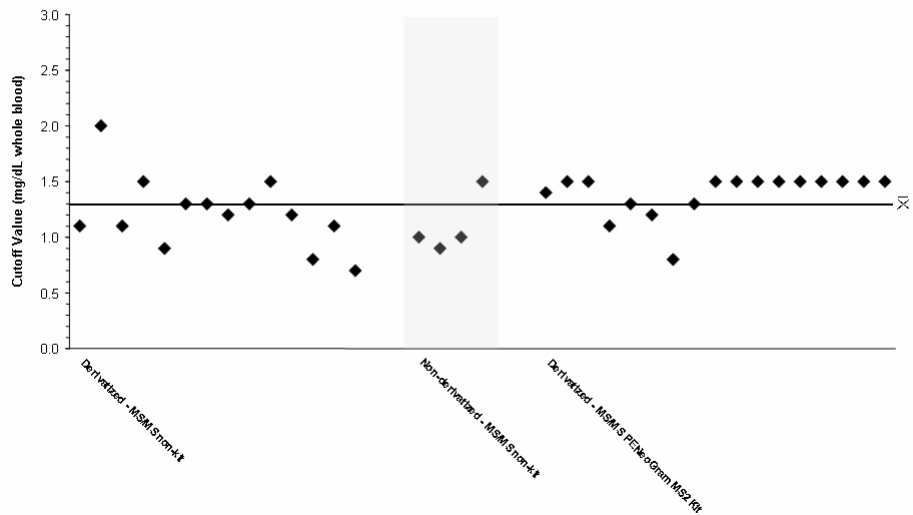


Leucine
2005 International Cutoff Values By Method
 Mean=4.3 mg/dL Mode=3.9 mg/dL

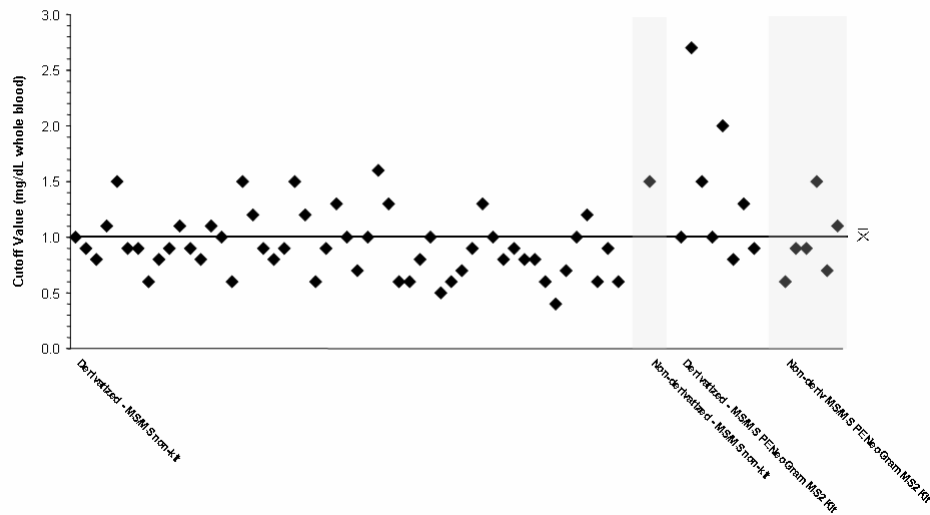


*Cutoff is the decision level for sorting test results that are reported as presumptive positive (outside limits) from results reported as negative (within limits).

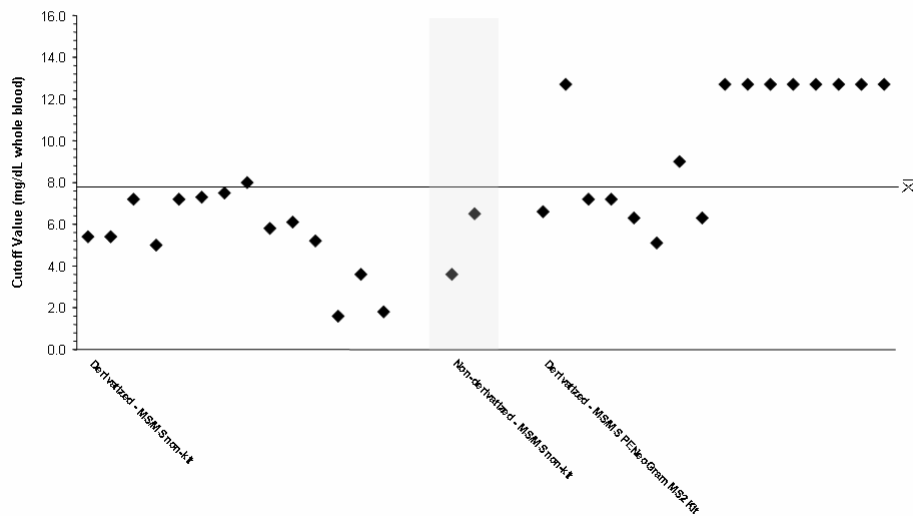
Methionine
2005 Domestic Cutoff Values By Method
 Mean=1.3 mg/dL Mode=1.5 mg/dL



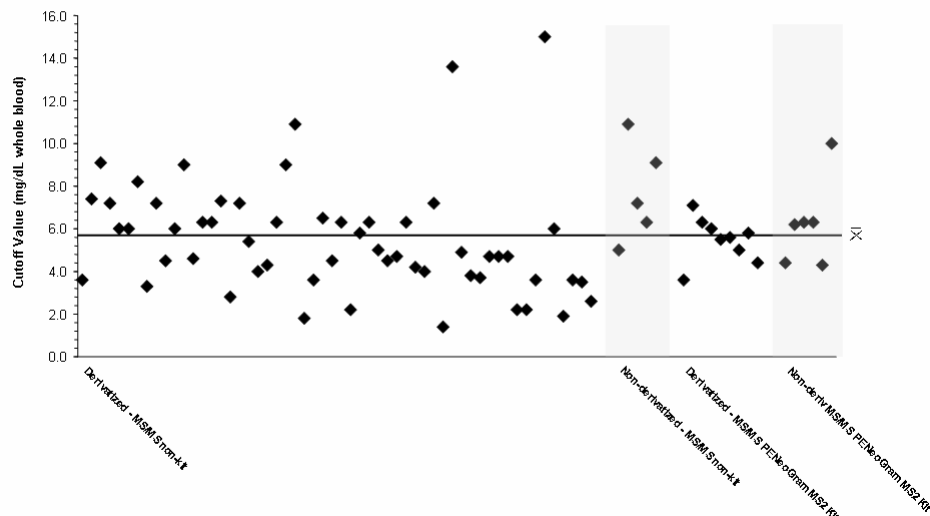
Methionine
2005 International Cutoff Values By Method
 Mean=1.0 mg/dL Mode=0.9 mg/dL



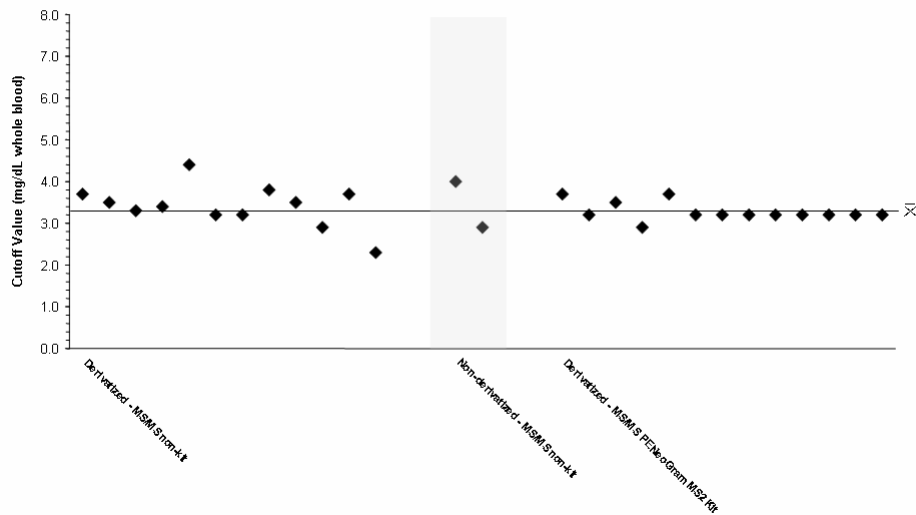
Tyrosine
2005 Domestic Cutoff Values By Method
 Mean=7.8 mg/dL Mode=12.7 mg/dL



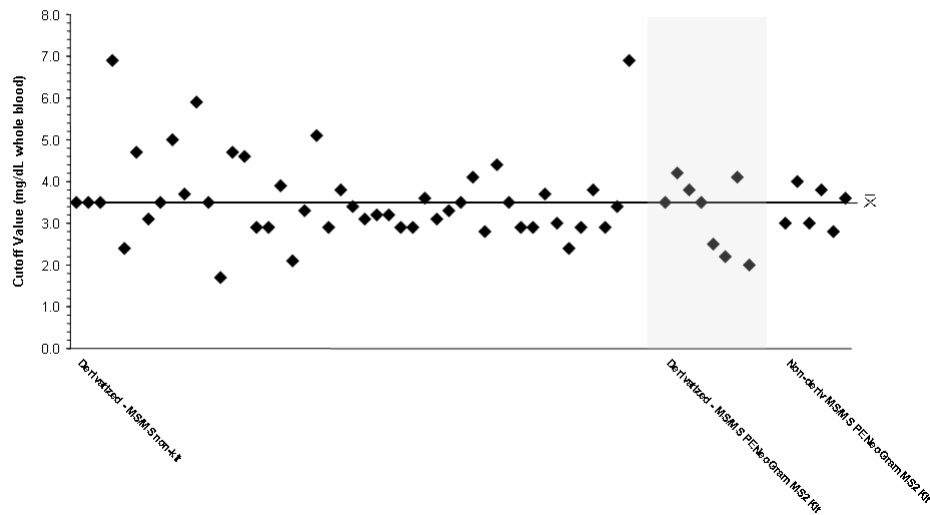
Tyrosine
2005 International Cutoff Values By Method
 Mean=5.7 mg/dL Mode=6.3 mg/dL



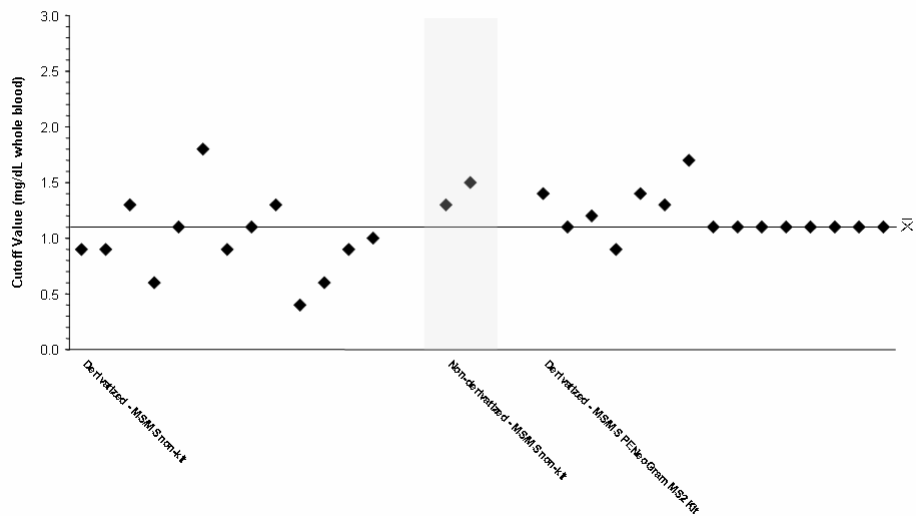
Valine
2005 Domestic Cutoff Values By Method
 Mean=3.3 mg/dL Mode=3.2 mg/dL



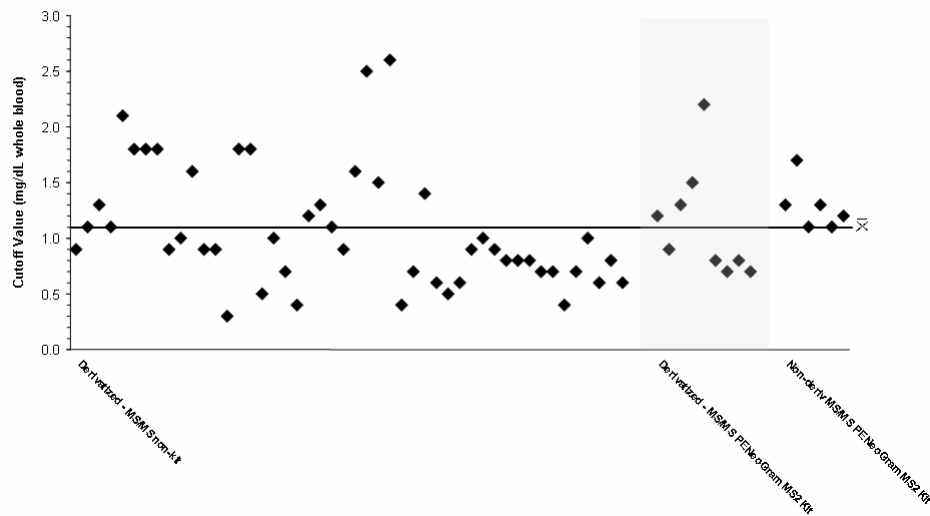
Valine
2005 International Cutoff Values By Method
 Mean=3.5 mg/dL Mode=3.5 mg/dL



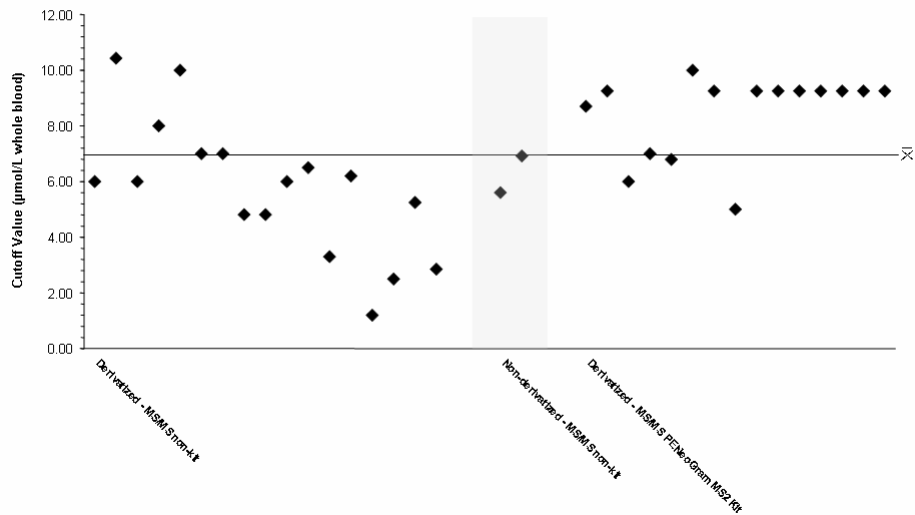
Citrulline
2005 Domestic Cutoff Values By Method
 Mean=1.1 mg/dL Mode=1.1 mg/dL



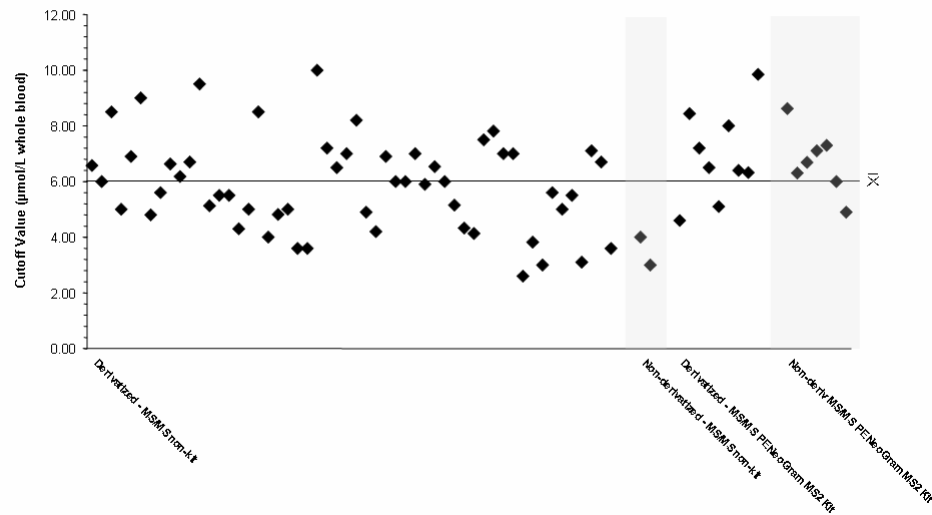
Citrulline
2005 International Cutoff Values By Method
 Mean=1.1 mg/dL Mode=0.9 mg/dL



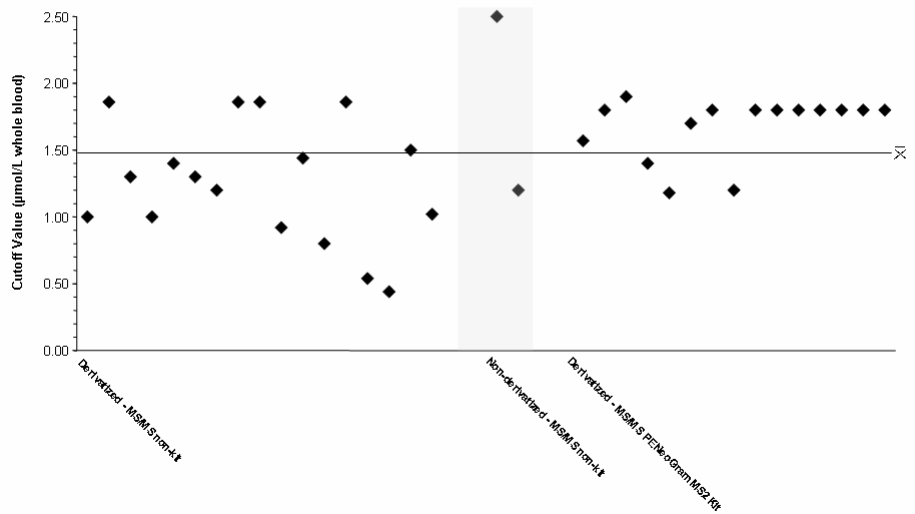
Propionylcarnitine (C3)
2005 MS/MS Domestic Cutoff Values by Method
 Mean=6.97 $\mu\text{mol/L}$ Mode=9.25 $\mu\text{mol/L}$



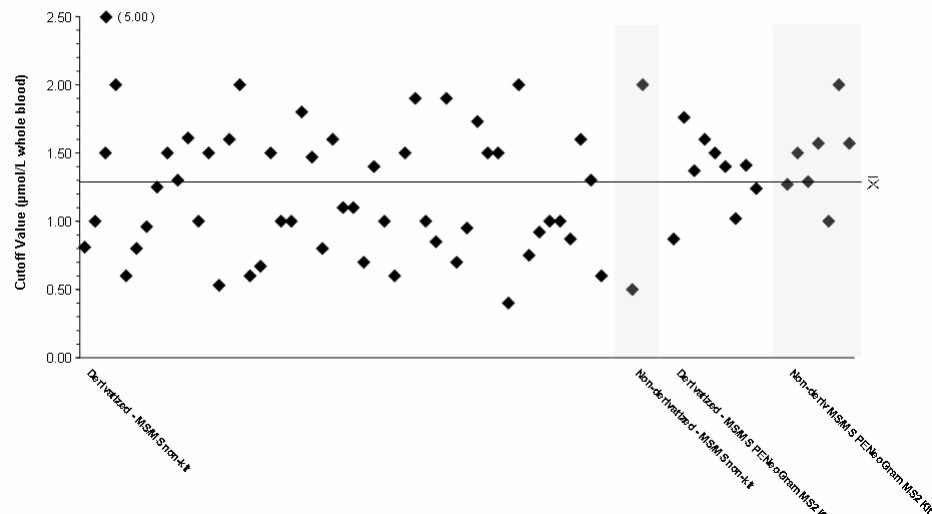
Propionylcarnitine (C3)
2005 International Cutoff Values By Method
 Mean=6.03 $\mu\text{mol/L}$ Mode=6.00 $\mu\text{mol/L}$



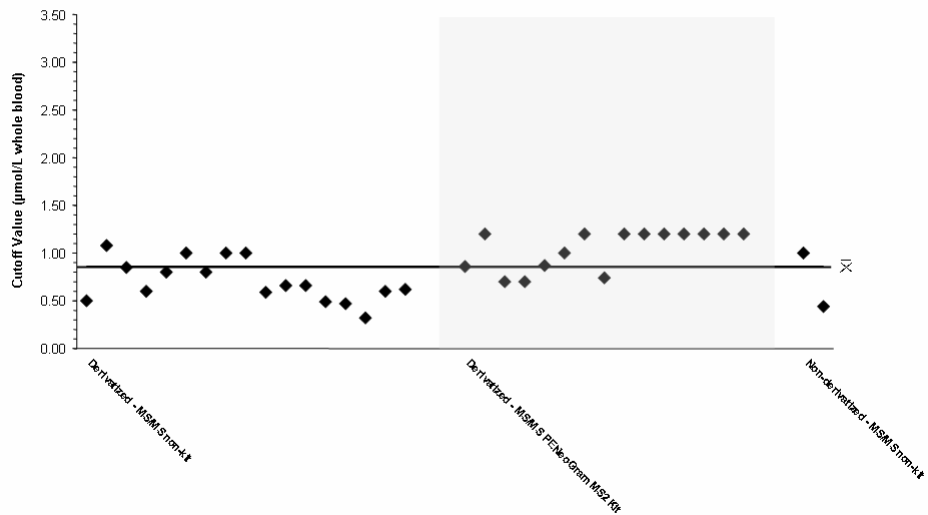
Butyrylcarnitine (C4)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=1.48 $\mu\text{mol/L}$ Mode=1.80 $\mu\text{mol/L}$



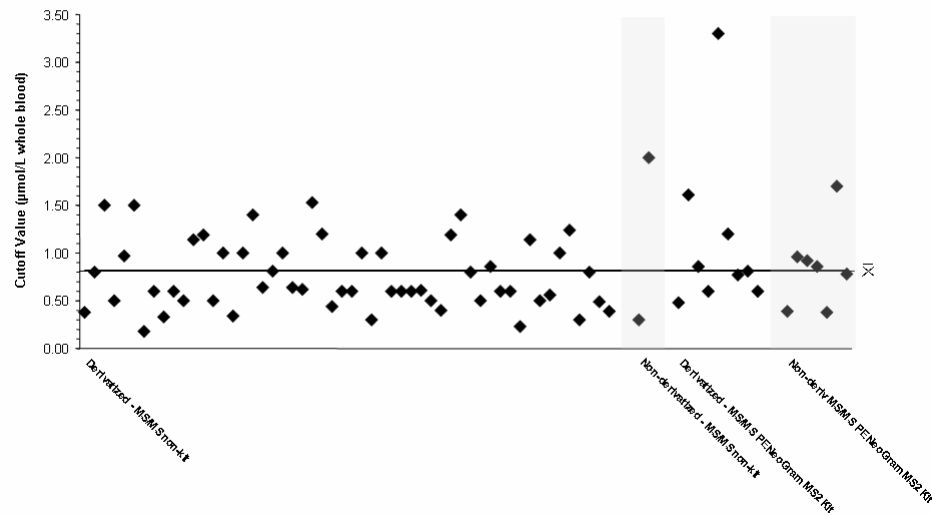
Butyrylcarnitine (C4)
2005 International Cutoff Values By Method
 Mean=1.29 $\mu\text{mol/L}$ Mode=1.00 $\mu\text{mol/L}$



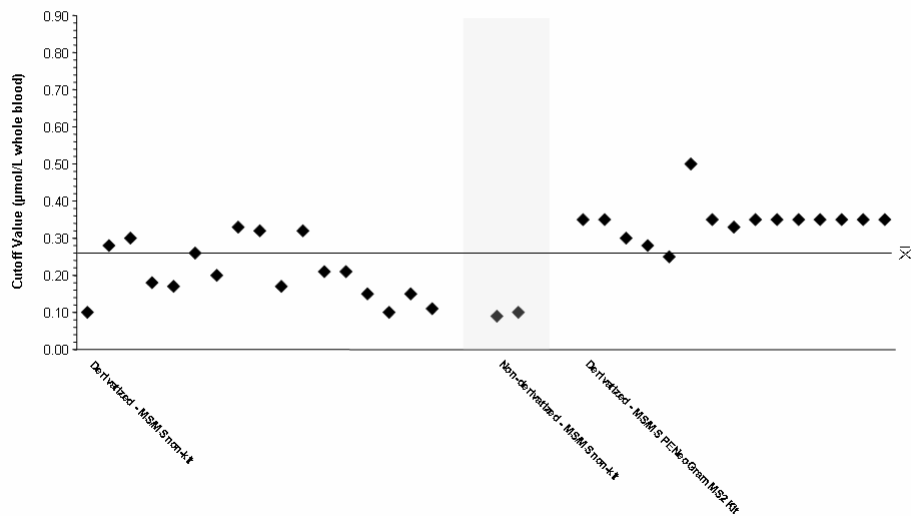
Isovalerylcarnitine (C5)
2005 Domestic Cutoff Values By Method
 Mean=0.86 $\mu\text{mol/L}$ Mode=1.20 $\mu\text{mol/L}$



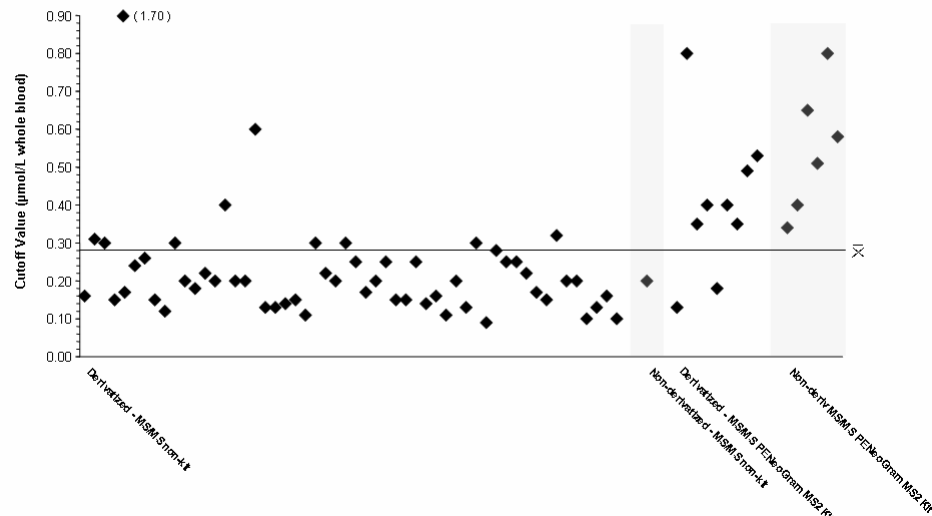
Isovalerylcarnitine (C5)
2005 International Cutoff Value by Method
 Mean=0.82 $\mu\text{mol/L}$ Mode=0.60 $\mu\text{mol/L}$



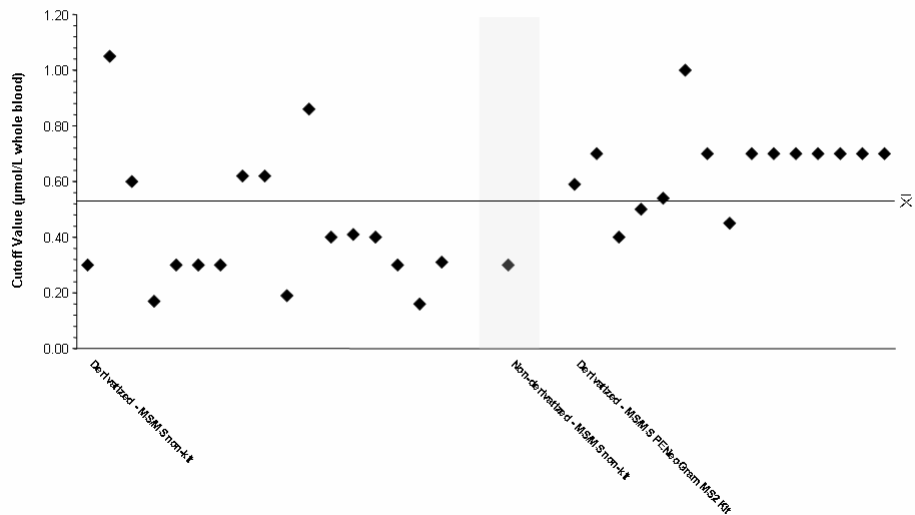
Glutarylcarnitine (C5DC)
2005 Domestic Cutoff Value By Method
 Mean=0.26 $\mu\text{mol/L}$ Mode=0.35 $\mu\text{mol/L}$



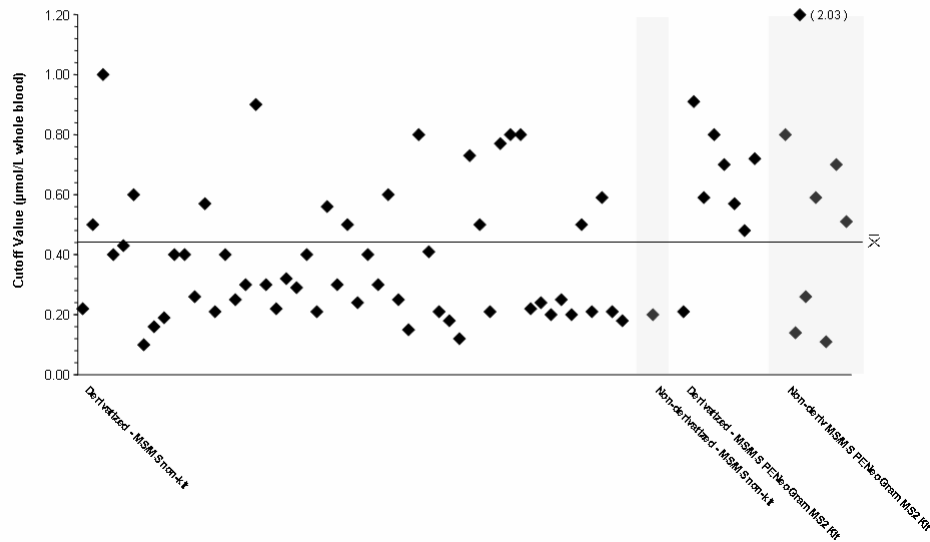
Glutarylcarnitine (C5DC)
2005 International Cutoff Values By Method
 Mean=0.28 $\mu\text{mol/L}$ Mode=0.20 $\mu\text{mol/L}$



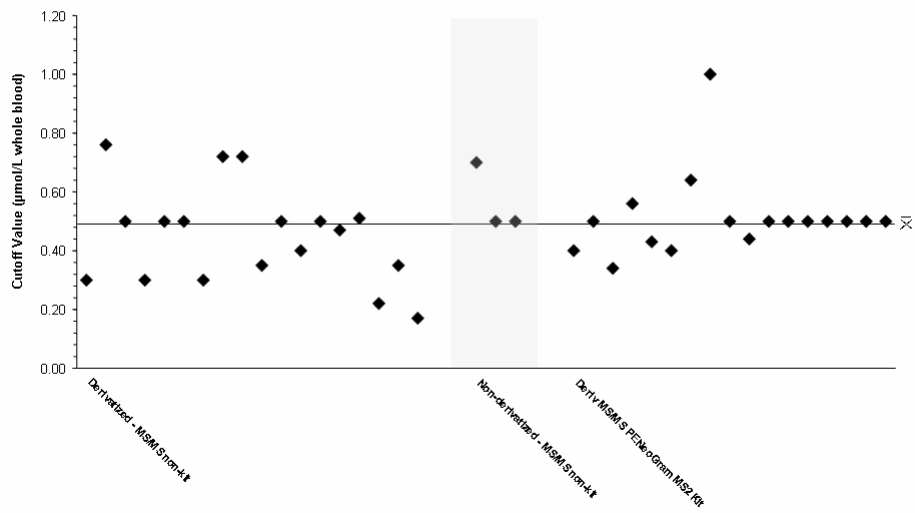
Hexanoylcarnitine (C6)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.53 $\mu\text{mol/L}$ Mode=0.70 $\mu\text{mol/L}$



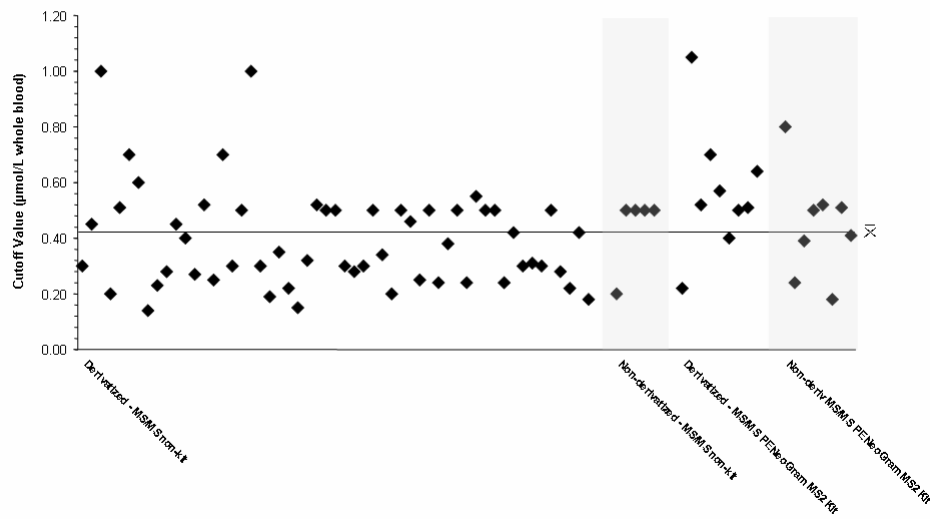
Hexanoylcarnitine (C6)
2005 International MS/MS Cutoff Values By Method
 Mean=0.44 $\mu\text{mol/L}$ Mode=0.21 $\mu\text{mol/L}$



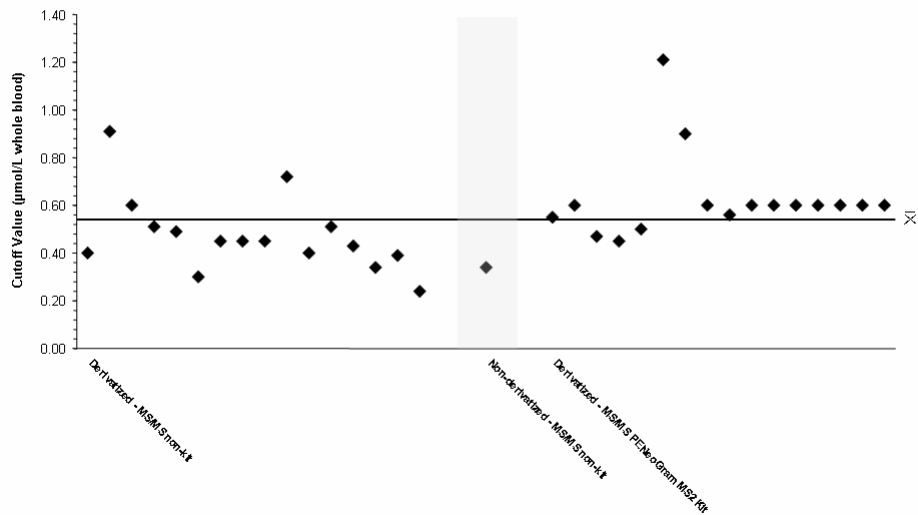
Octanoylcarnitine (C8)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.49 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



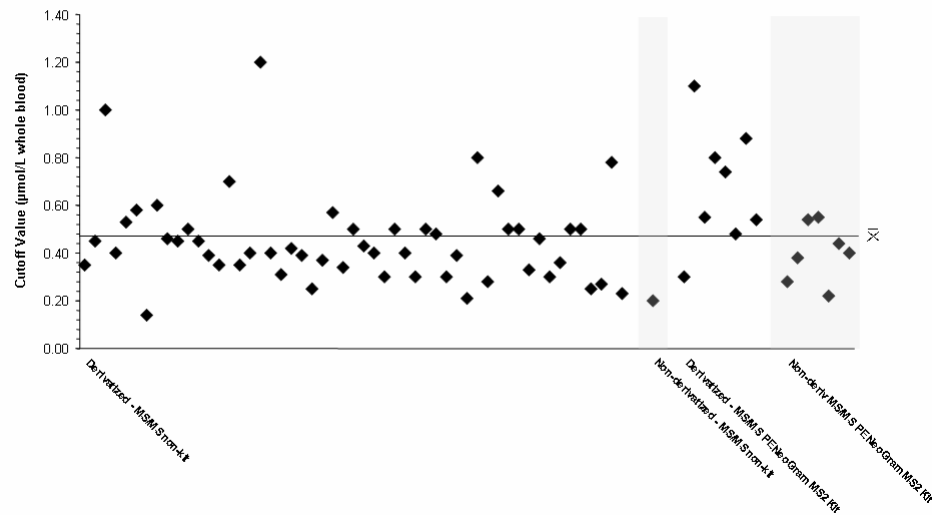
Octanoylcarnitine (C8)
2005 International MS/MS Cutoff Value By Method
 Mean=0.42 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



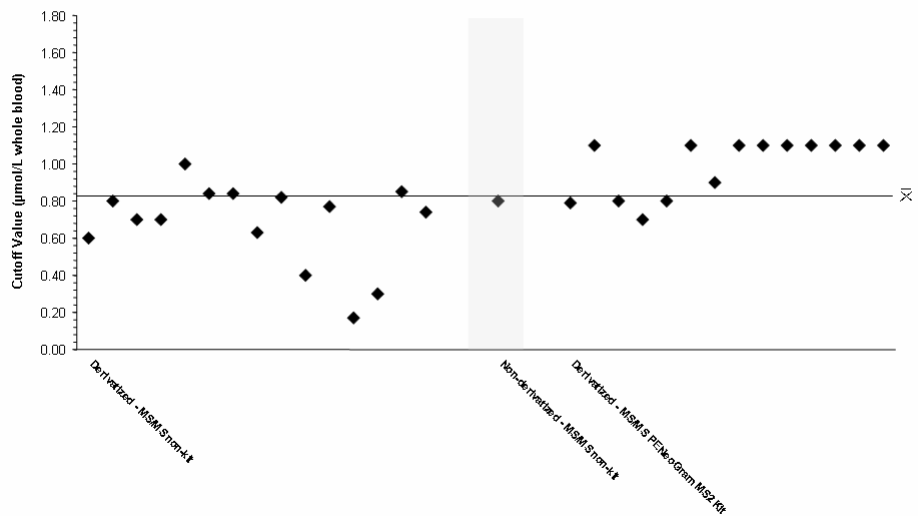
Decanoylcarnitine (C10)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.54 $\mu\text{mol/L}$ Mode=0.60 $\mu\text{mol/L}$



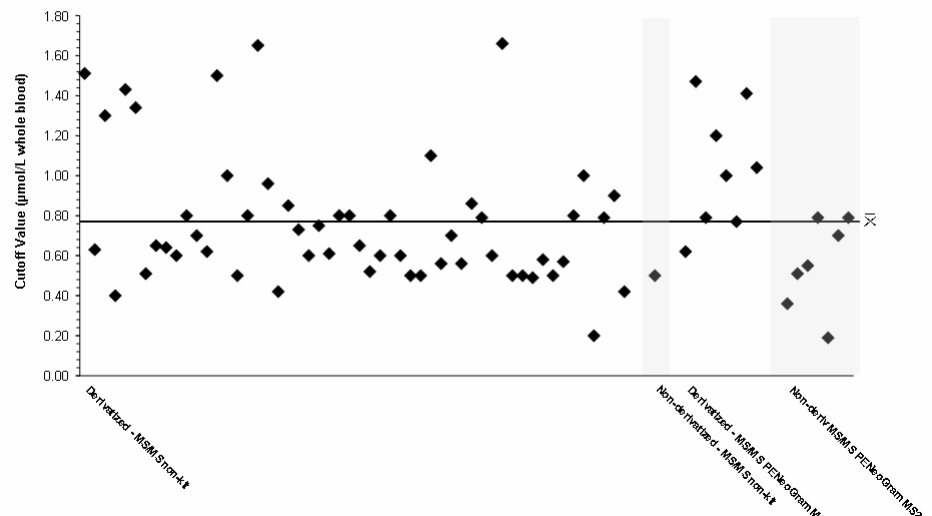
Decanoylcarnitine (C10)
2005 International MS/MS Cutoff Values By Method
 Mean=0.47 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



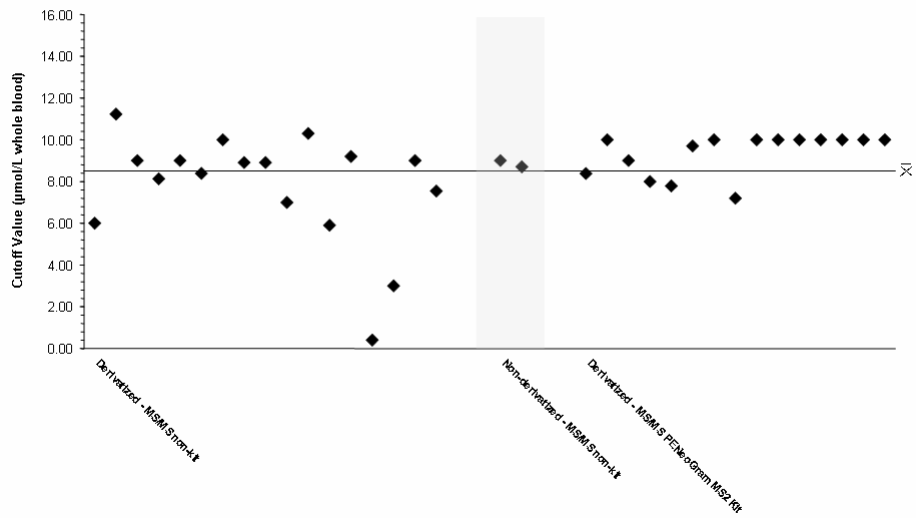
Myristoylcarnitine (C14)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=0.83 $\mu\text{mol/L}$ Mode=1.10 $\mu\text{mol/L}$



Myristoylcarnitine (C14)
2005 International MS/MS Cutoff Values By Method
 Mean=0.77 $\mu\text{mol/L}$ Mode=0.50 $\mu\text{mol/L}$



Palmitoylcarnitine (C16)
2005 Domestic MS/MS Cutoff Values By Method
 Mean=8.52 $\mu\text{mol/L}$ Mode=10.00 $\mu\text{mol/L}$



Palmitoylcarnitine (C16)
2005 International MS/MS Cutoff Values By Method
 Mean=7.85 $\mu\text{mol/L}$ Mode=8.00 $\mu\text{mol/L}$

