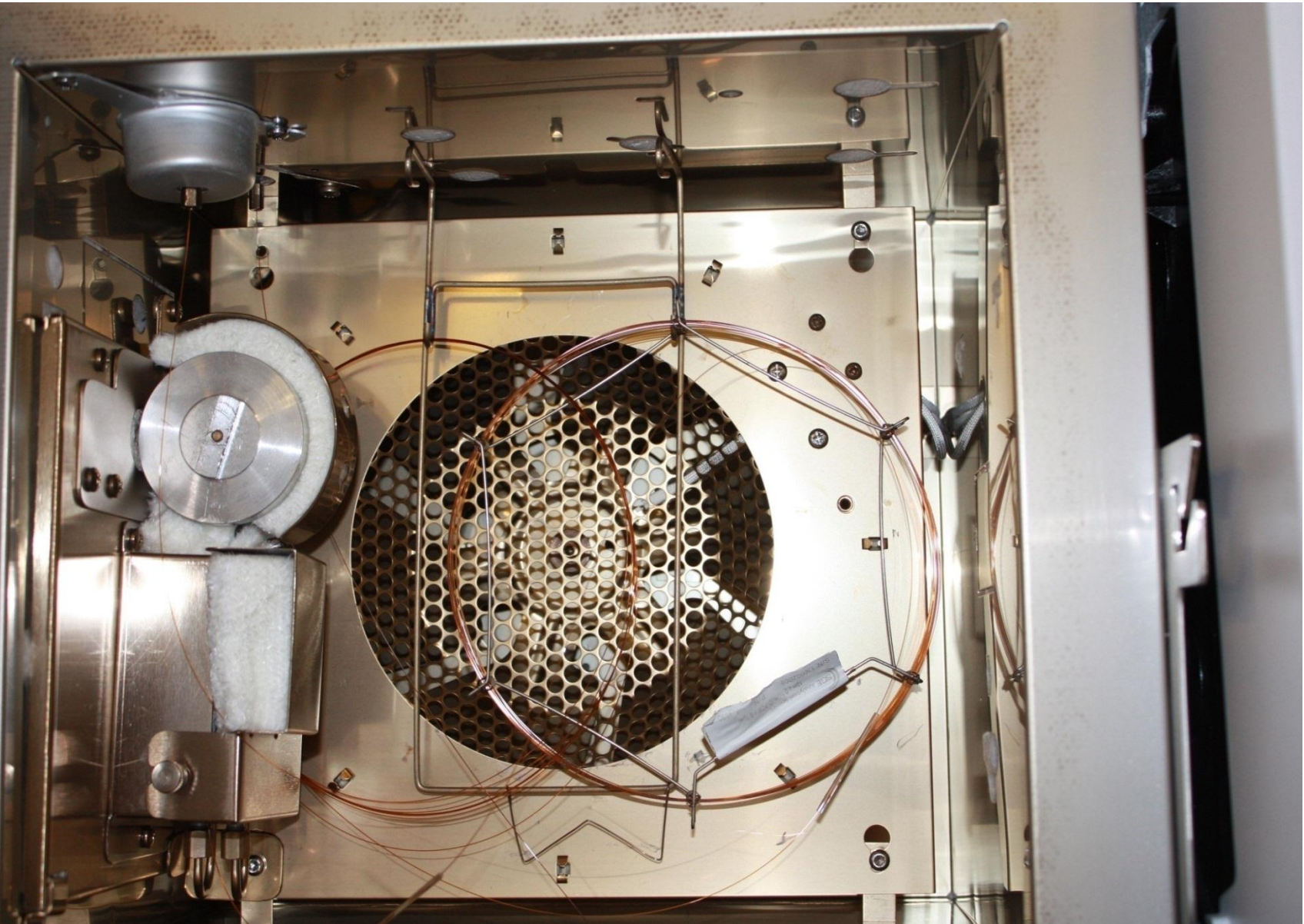


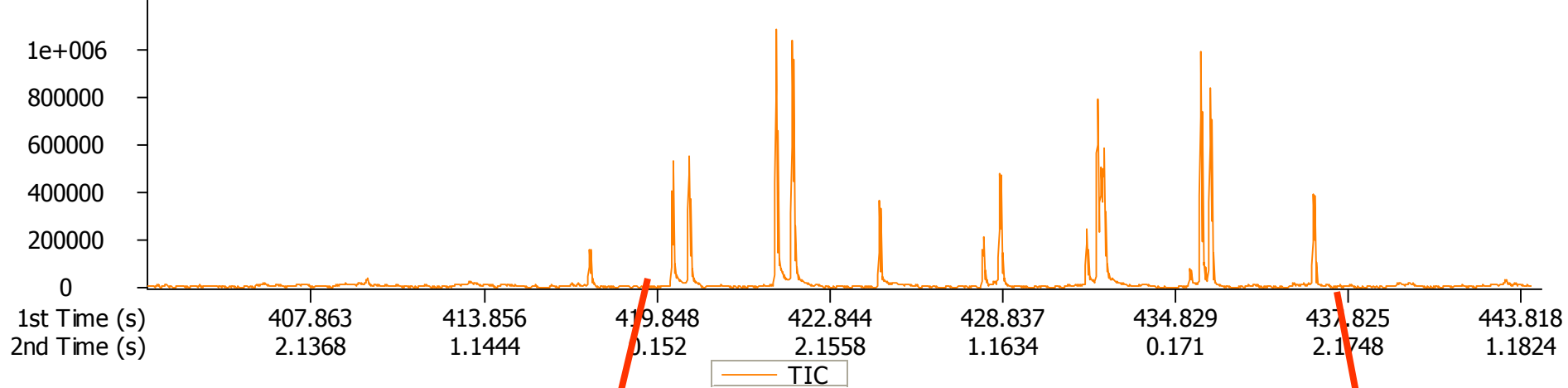
# Comprehensive GC-TOFMS Utilization for the Analyses of Industrial Chemicals in Food and Feed Matrices

Anthony Adeuya  
US FDA

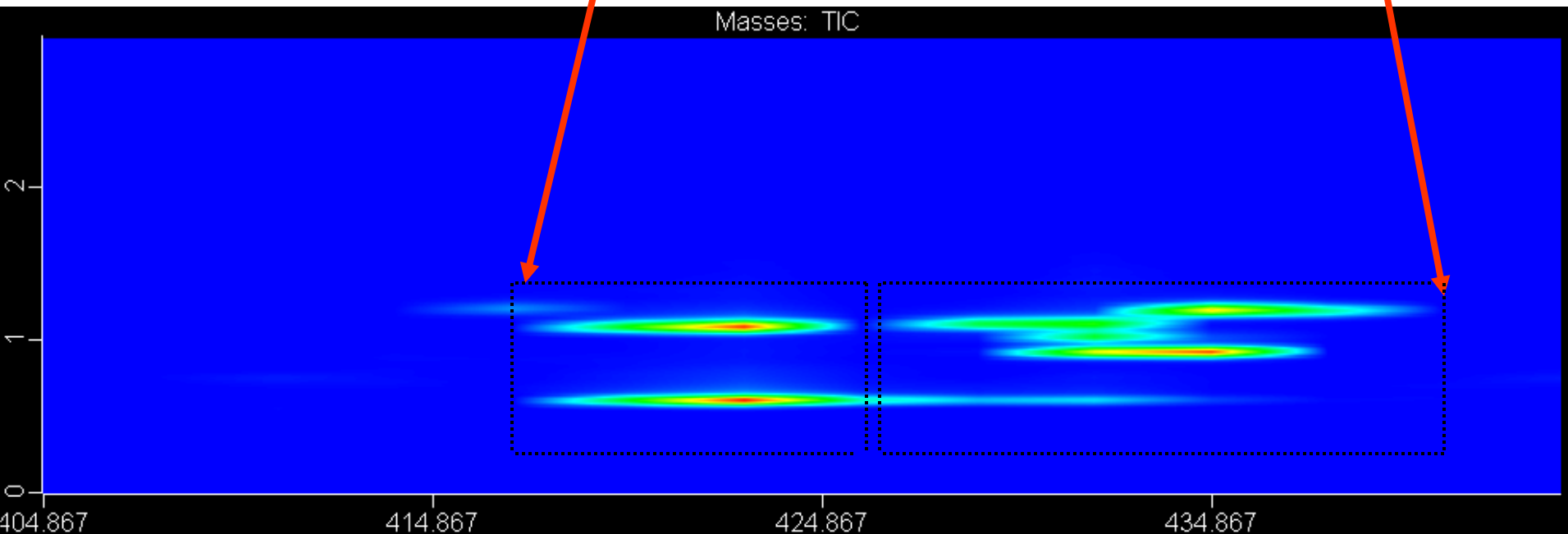
The views expressed in this document are those of the researchers and should not be interpreted as the official opinion or policy of the U.S. Food and Drug Administration, Department of Health and Human Services, or any other agency or component of the U.S. government. Any mention of trades names, commercial products, or organizations is for clarification of the methods used and should not be interpreted as an endorsement of a product or manufacturer.

# GC x GC Oven

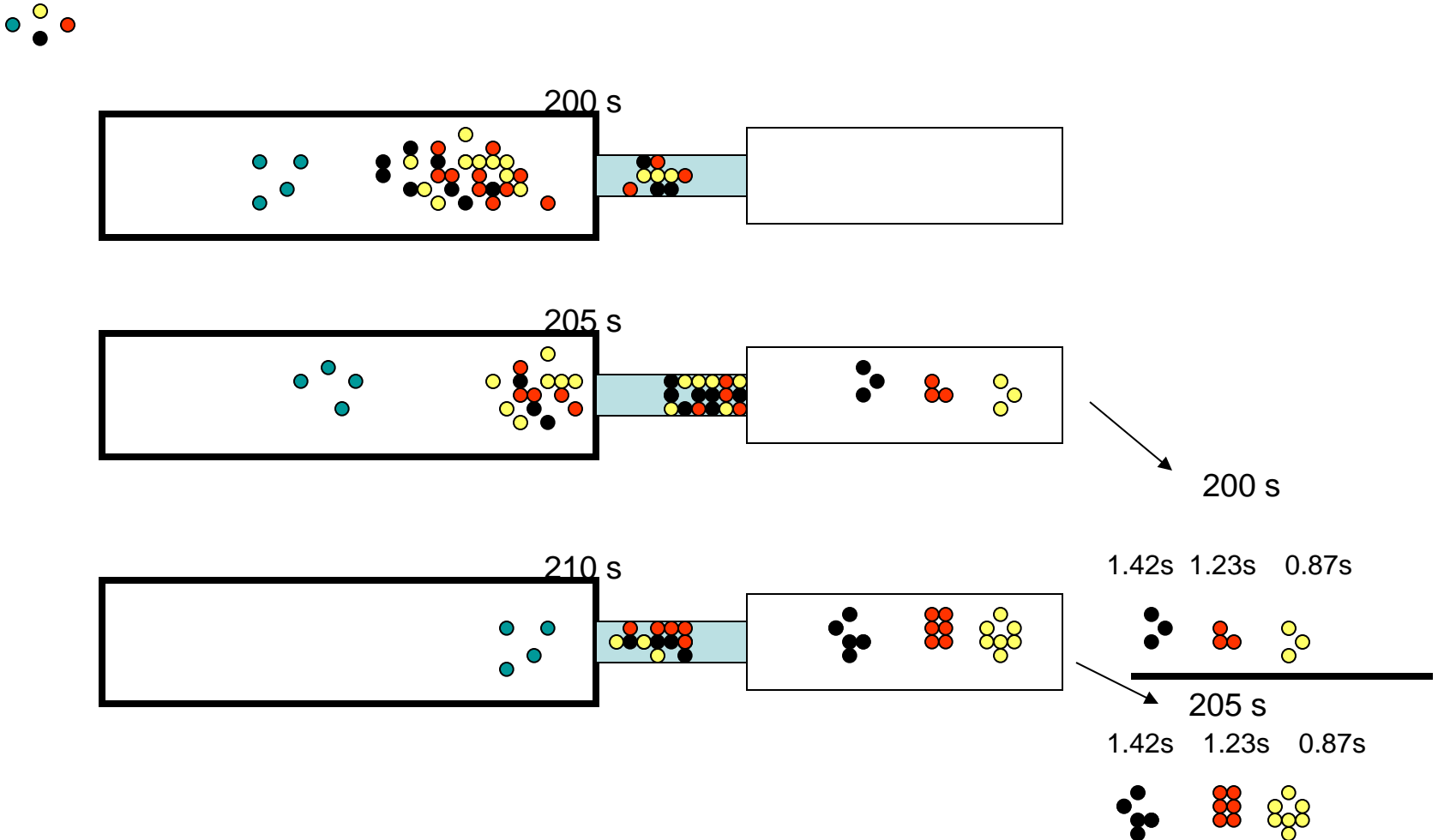




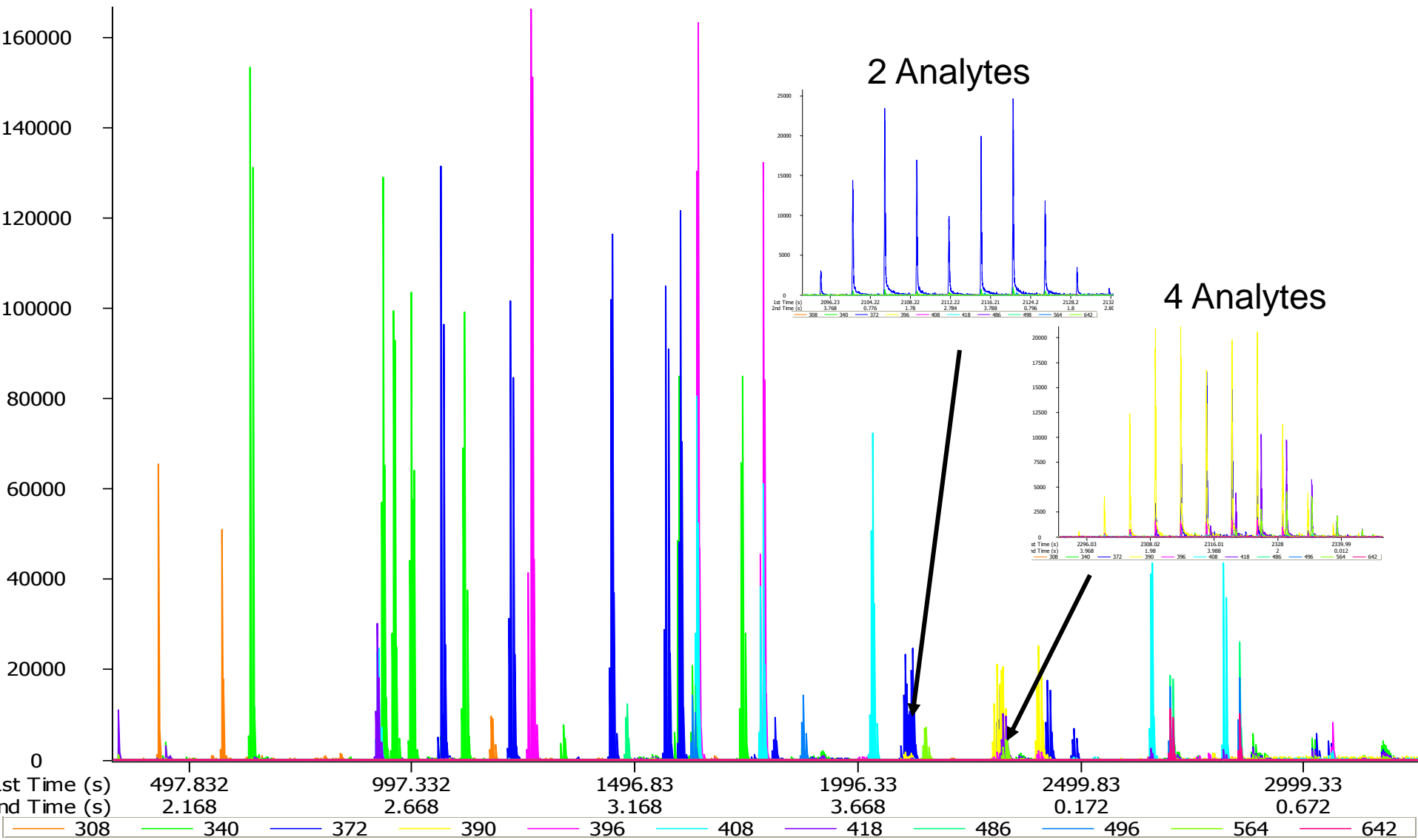
# Contour Plot

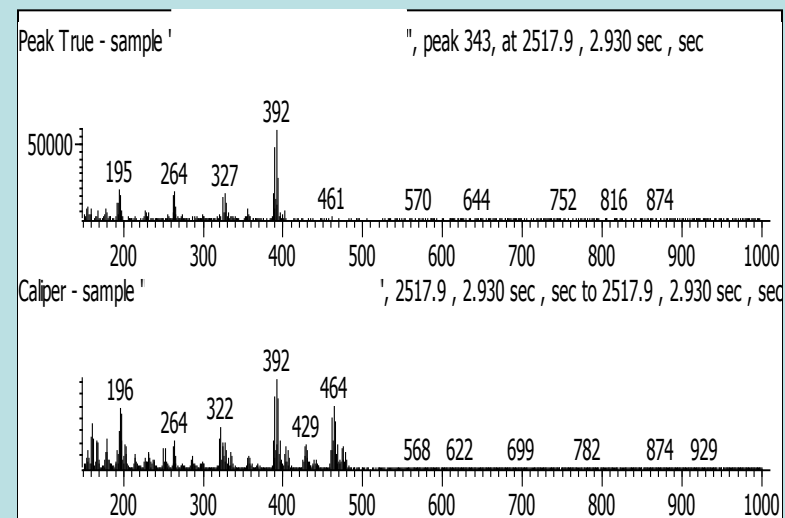
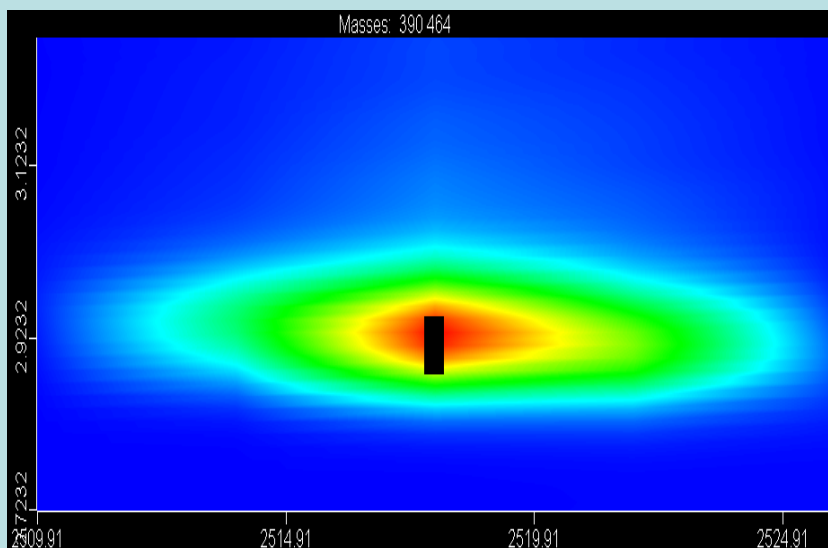
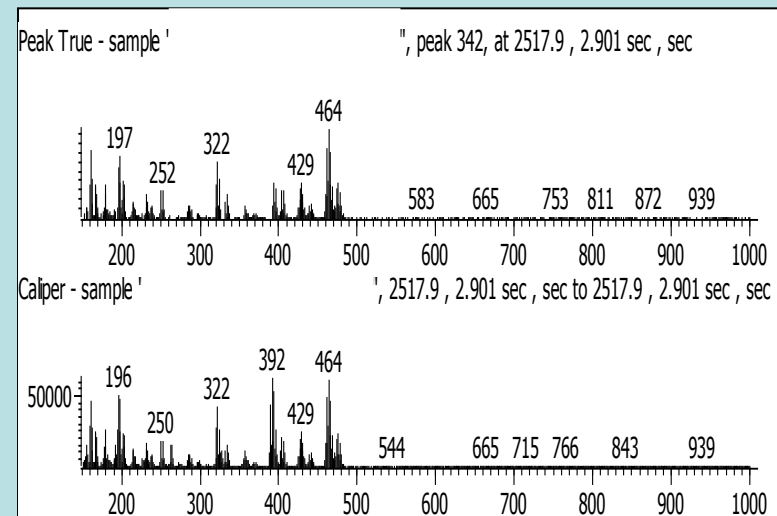
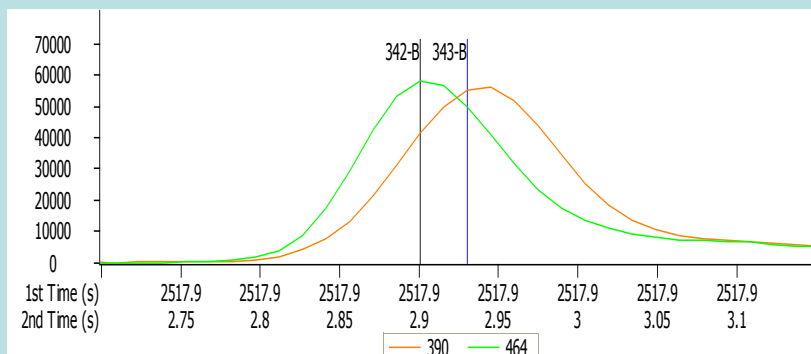


# GCxGC Simplified Separation



# GCxGC – Separation of 94 POPs





**Ion Chromatogram, 3-D contour plot and mass spectra of a hexa-dioxin (peak #343) and nona-chloro biphenyl (peak # 342) with the same the same primary but different secondary retention time. The actual mass spectrum of each analyte is represented by Peak True**