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Gas Chromatography in Less Than 4s! **UC**Berkel Design/Measurement Data: 0.75m x 100 µ column 0.1 µ DB-5 stationary phase Heart-cut 275 msec peak injection Temperature: ~30 deg C/sec H₂ carrier: 35-39 psi at 1 psi/sec Sandia's micro-GC Column Toluene 3-methylhexane DMMP 80000 Relative Intensity Green = Analyte 1,6-dichlorohexane Blue = Inteferent 64000 n-dodecane Peak capacity >40, in 4 sec 46000 1-decanol 32000 Solvent DEMP DIMP 16000 0 1.2 2.4 3.6 4.8 Elution time [s]







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