

L7. Implementation of chemometric techniques in chromatographic data station software

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A wide variety of chemometric techniques is implemented in "Chrom&Spec" (russian name "Multikhrom") chromatography data station. They include factor analysis of multichannel chromatograms, deconvolution of overlapping peaks into a set of EMG peaks, Fourier filtration of periodic noise and accessing peak parameters by adaptive approximation. Some achievements in chemometrics theory helps in solving these tasks.