



Figure 1: Graph shows alignment of samples according to retention time during the curation procedure in R (in this case, all samples were run sequentially, but it is also possible to plot the graph with the x-axis being the retention index). Chromatograms belong to females of *Chrysura austriaca* and were analyzed using AMDIS. The colors on the chromatograms indicate different targets selected by the program. The numbered colors at the bottom, indicate a CHC compound in the mass spectral library used in AMDIS. The compounds in the library are ordered by their retention index. Therefore, low numbers indicate low weight compounds. Colors indicate what compound class the CHC compound belongs to (e.g., orange is used for alkenes, light blue for monomethyl and green for dimethyl-branched compounds). Peaks plotted above numbers in gray or black colors were further discarded, since they were non-hydrocarbons. The same color across chromatograms at the same retention time (or retention index) indicates matching of identified peaks. This graph can also be plotted independently by compound class if wanted. Note that all samples starting with ClOe were of low quality (low concentrated), and fewer compounds were selected by AMDIS.

