

The diagram illustrates the results of a chromatographic analysis for four sample groups, each with three replicates. The x-axis represents retention time, with 12 columns. The color of the boxes indicates the chemical class of the peaks, following a gradient from yellow (earliest retention) to lavender (latest retention).

- Tide Pool 1 (S1):** Shows peaks in columns 1-10 (yellow to dark blue) and column 12 (lavender). No peak in column 11.
- Tide Pool 2 (S2):** Shows peaks in columns 1-11 (yellow to dark purple) and column 12 (lavender).
- Nearshore (N):** Shows peaks in columns 1-11 (yellow to dark purple) and column 12 (lavender).
- Field Blank:** Shows a peak in column 1 (yellow) and column 12 (lavender).