1. Docosapentaenoic acid (22:5n-3) - arachidic acid (20:0) association with HDL-C in the discovery dataset

A diagram of a red line and a green dot

Description automatically generated with medium confidence

1. Blood 2,5 dimethylfuran (ng/ml) and blood benzene (ng/ml) association with HDL-C in the replicate dataset

A diagram of a graph

Description automatically generated with medium confidence

1. Stearic acid (18:0) (umol/l) and arachidic acid (20:0) (umol/l) association with HDL-C in the discovery dataset

A diagram of a red line and a chart of a red line

Description automatically generated with medium confidence

Figure 3A-C. The top three results with a 3D plot showing the interaction correlation along the square plane, and the left plots observing the individual main-effect correlation lines.