LC-MS: Advanced Techniques and Applications

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Immunoprecipitation

- Magnetic Bead
- Biotin
- Streptavidin
- Anti-NGF
- Hβ-NGF
- MonoAb Therapeutic
LC/MS Bioanalysis of Native Biologics

The graph shows a linear relationship between deconvoluted MS peak area and concentration (µg/ml) with the equation:

\[ y = 159290x - 40092 \]

and a correlation coefficient of \( R^2 = 0.9924 \).

The diagrams illustrate EIC, MS, and deconvoluted MS scans at Low LLOQ (LLOQ), Medium MQC, and High HQC levels.
OPS1 Determination of Pesticides

Three Replicate ‘touches’ of the tomato surface

ESI POSITIVE ion

MW = 214
ZipChip CE/MS Interface Mounted on Q Exactive Plus
On-Site Mass Spec Field Analysis of Hemp by ASAP
Cannabis Testing

Why LC/MS? Because it provides the ultimate in selectivity for identification and quantitation!