

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

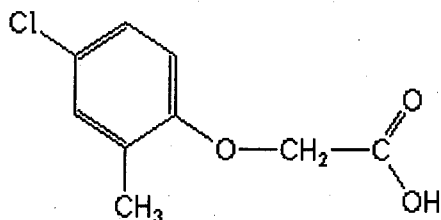
Analyte: MCPA

CAS No.: 94-74-6

Formula: C₉H₉ClO₃

Molecular mass (lowest isotopes): 200,02 amu

Structure:



Ionisation: ESI -

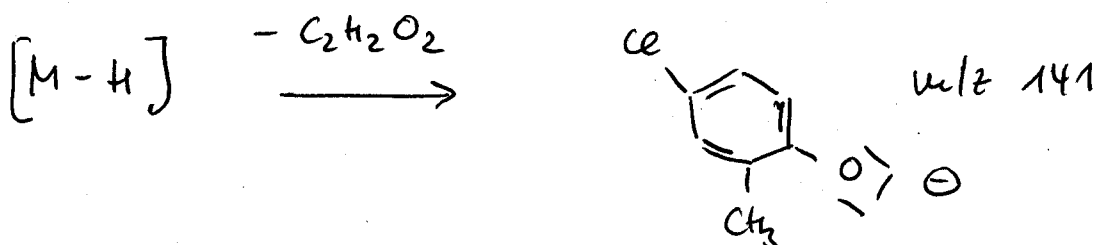
Quasimolecular ion: 199,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

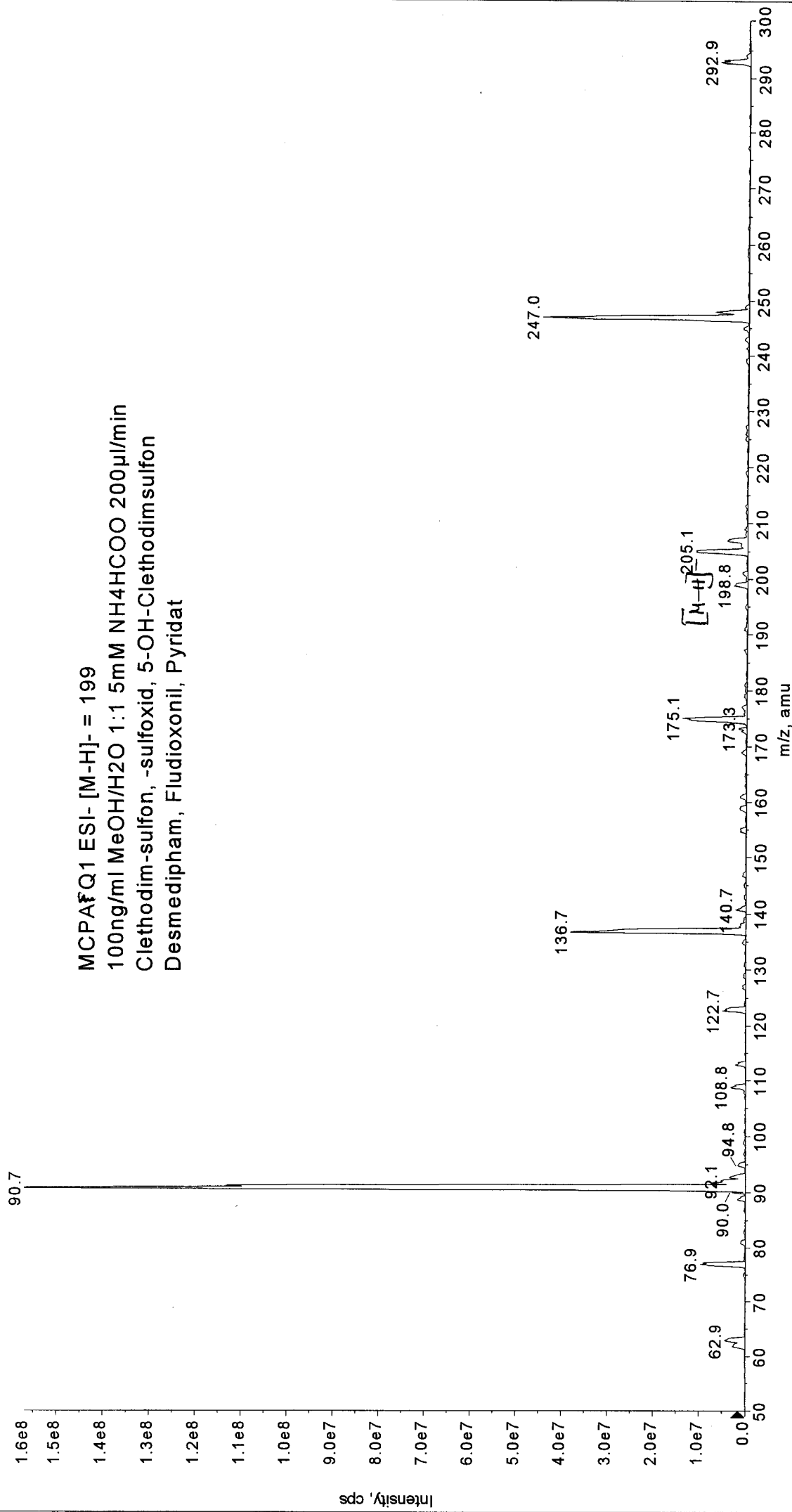
| Transition | 199,0 → 140,8 | no → no |
|---|---------------|---------|
| Declustering potential (DP) ^{*)} | -46V | -46 V |
| Focusing potential (FP) | -350 V | V |
| Entrance potential (EP) | -9,5 V | V |
| Collision cell entrance potential (CEP) | -16 V | V |
| Collision energy (CE) | -18 V | V |
| Collision cell exit potential (CXP) | -22 V | V |

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Q1: 30 MCA scans from Sample 1 of MT20020130153644.wiff Max 1.6e8 cps



Product (199.0): 30 MCA scans from Sample 1 of MT20020130154056.wiff Max 2.8e5 cps

