

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

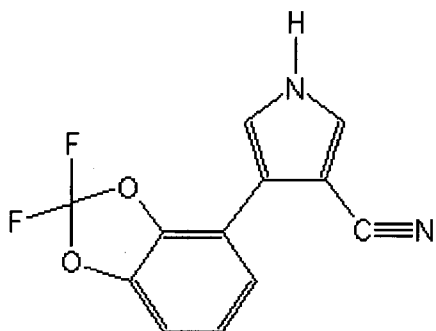
Analyte: Fludioxonil (=Fludioxonyl)

CAS No.: 131341-86-1

Formula: C₁₂H₆F₂N₂O₂

Molecular mass (lowest isotopes): 248,04 amu

Structure:



Ionisation: ESI -

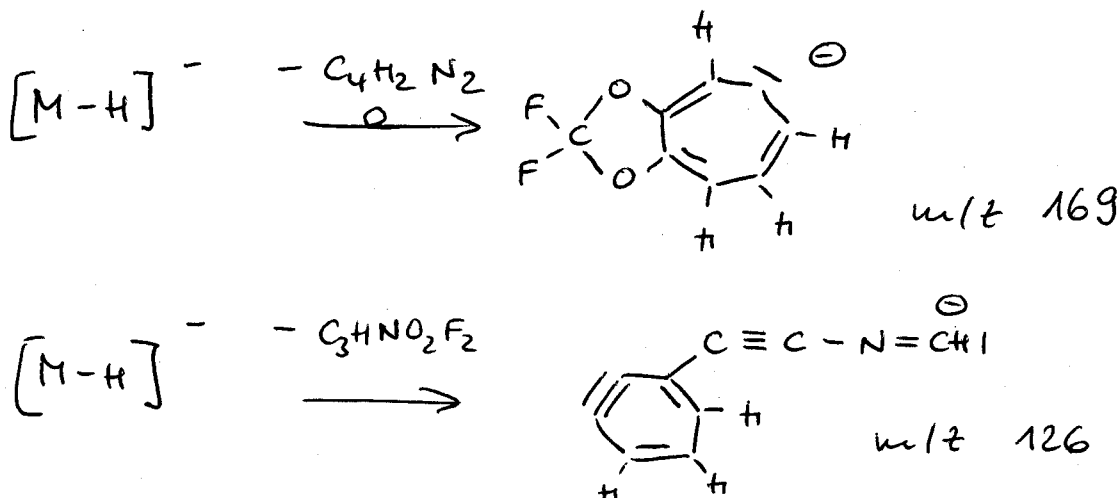
Quasimolecular ion: 247,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	247,0 → 125,9	247,0 → 169,0
Declustering potential (DP) ^{*)}	-56V	-56 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	10,0 V	11,5 V
Collision cell entrance potential (CEP)	-20 V	-24 V
Collision energy (CE)	-42 V	-42 V
Collision cell exit potential (CXP)	-14 V	-24 V

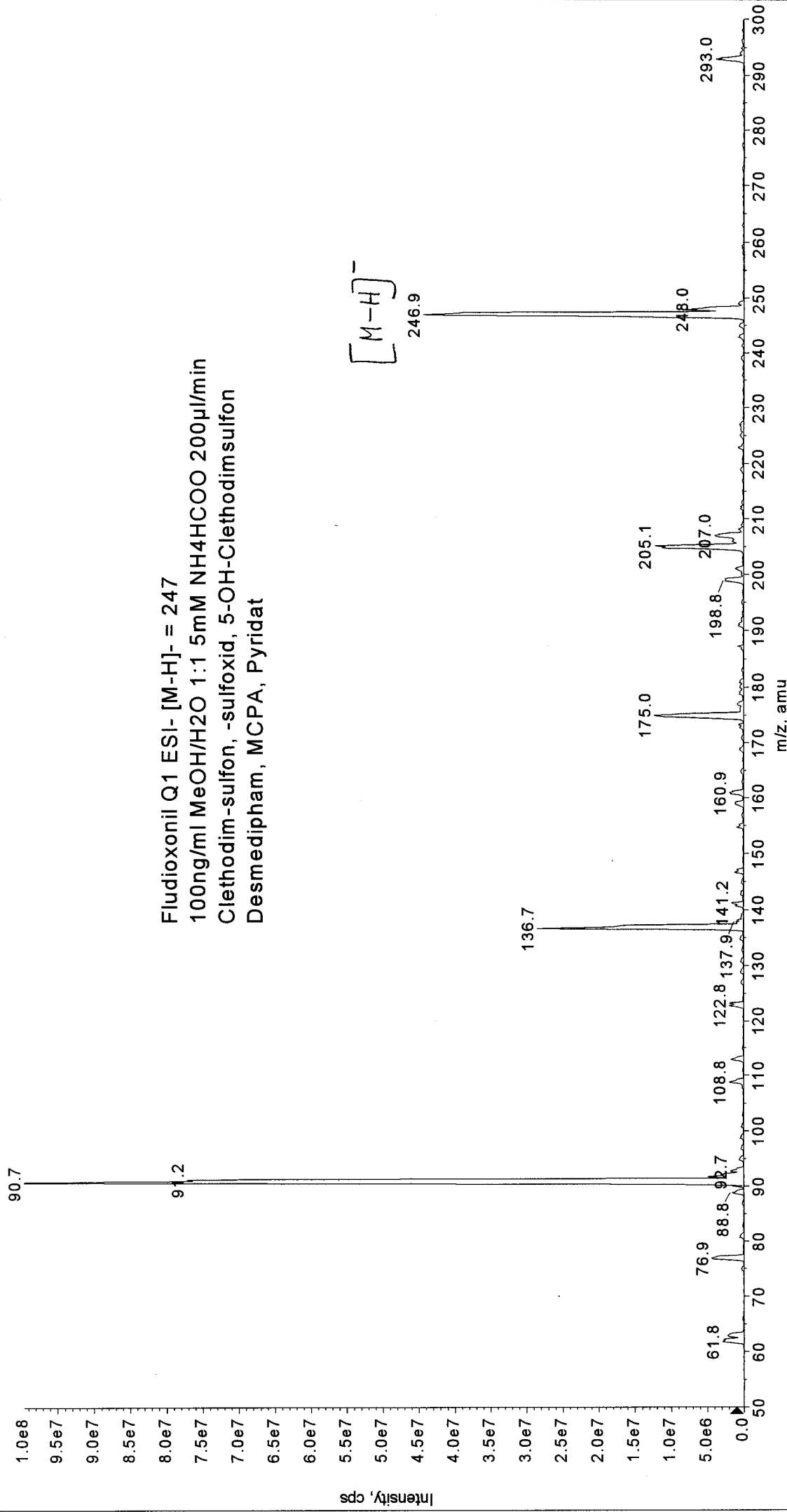
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

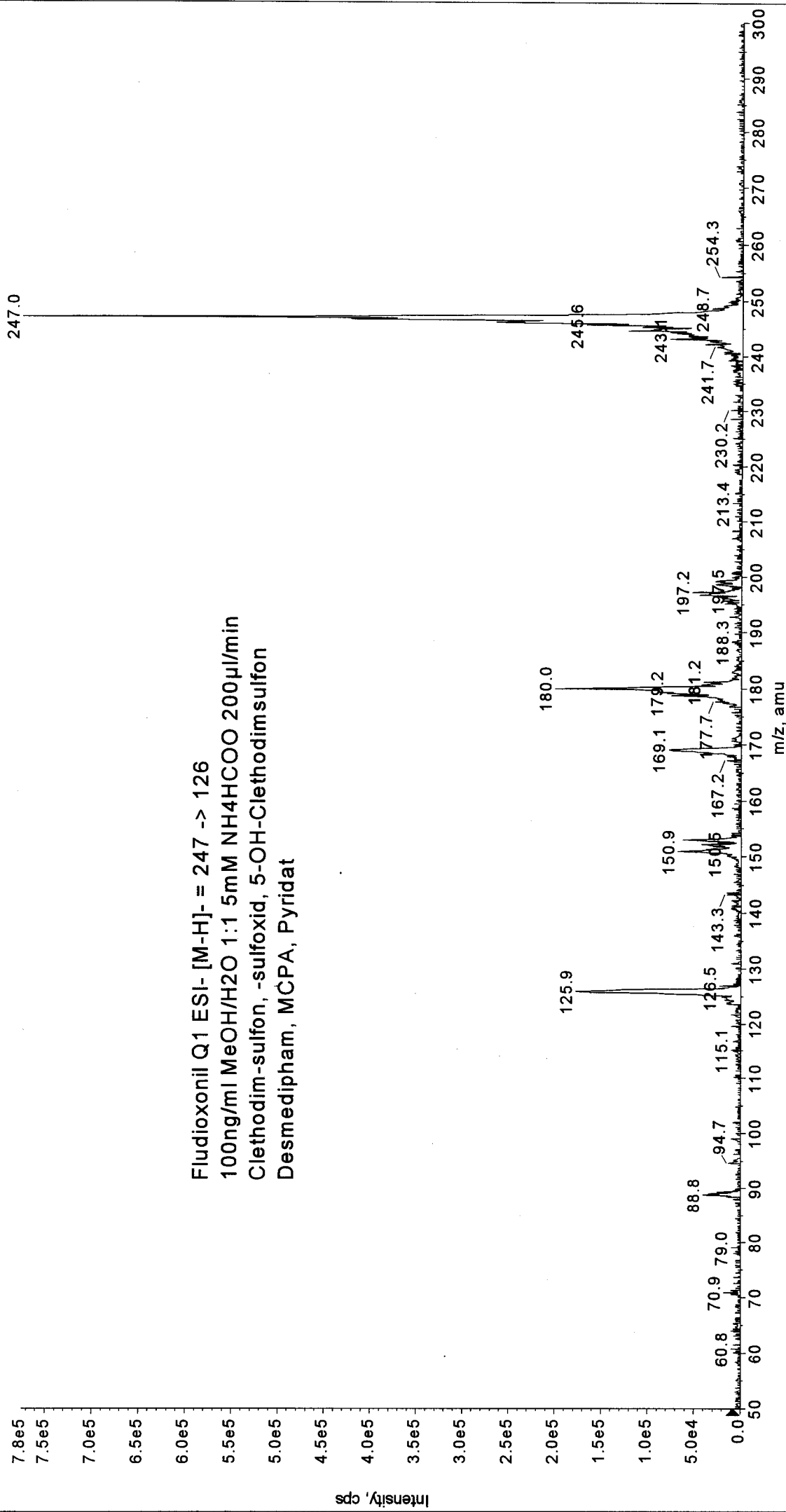


Q1 30 MCA scans from Sample 1 of MT20020130152323.wiff

Max 1.0e8 cps



Product (247.0): 30 MCA scans from Sample 1 of MT20020130152642.wiff Max: 7.8e5 cps



-Product (247.0): 30 MCA scans from Sample 1 of MT20020130153135.wiff

Max 5.4e5 cps

