

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

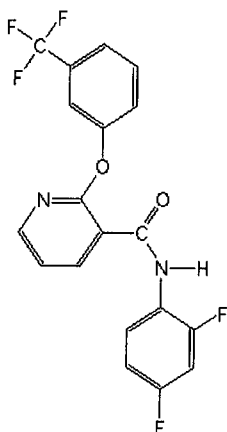
Analyte: Diflufenican

CAS No.: 83164-33-4

Formula: C₁₉H₁₁F₅N₂O₂

Molecular mass (lowest isotopes): 394,07 amu

Structure:



Ionisation: ESI +

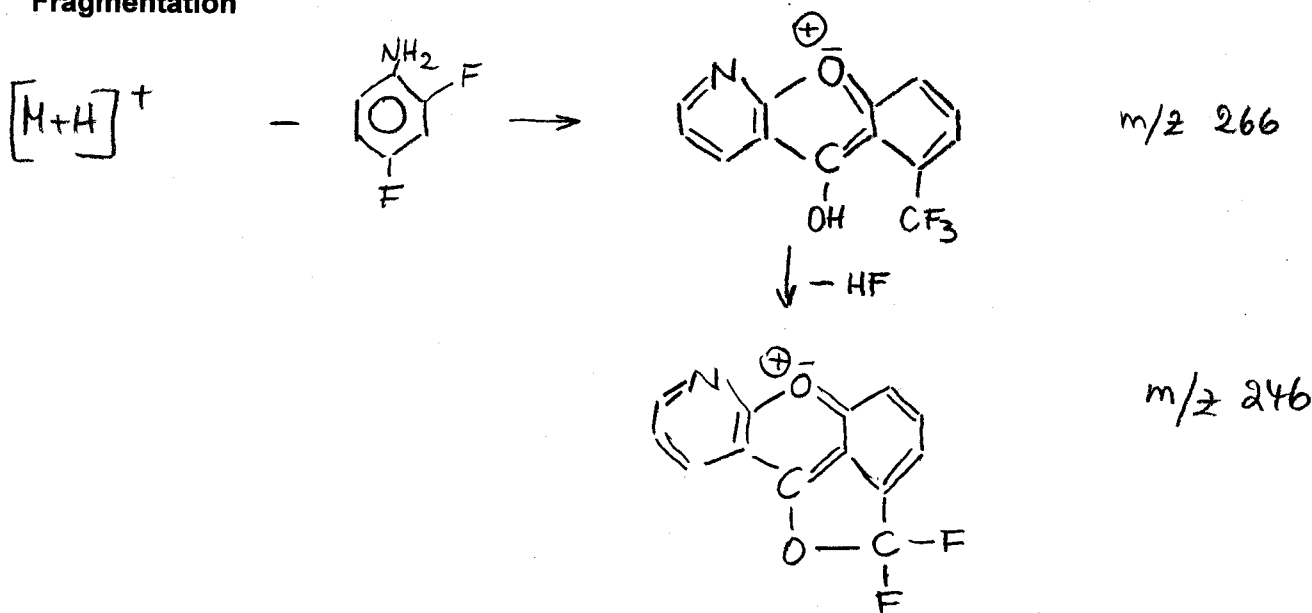
Quasimolecular ion: 395,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	395,1 → 265,8	395,1 → 246,1
Declustering potential (DP) ^{*)}	54 V	54 V
Focusing potential (FP)	340 V	370 V
Entrance potential (EP)	11,0 V	10,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	33 V	45 V
Collision cell exit potential (CXP)	56 V	12 V

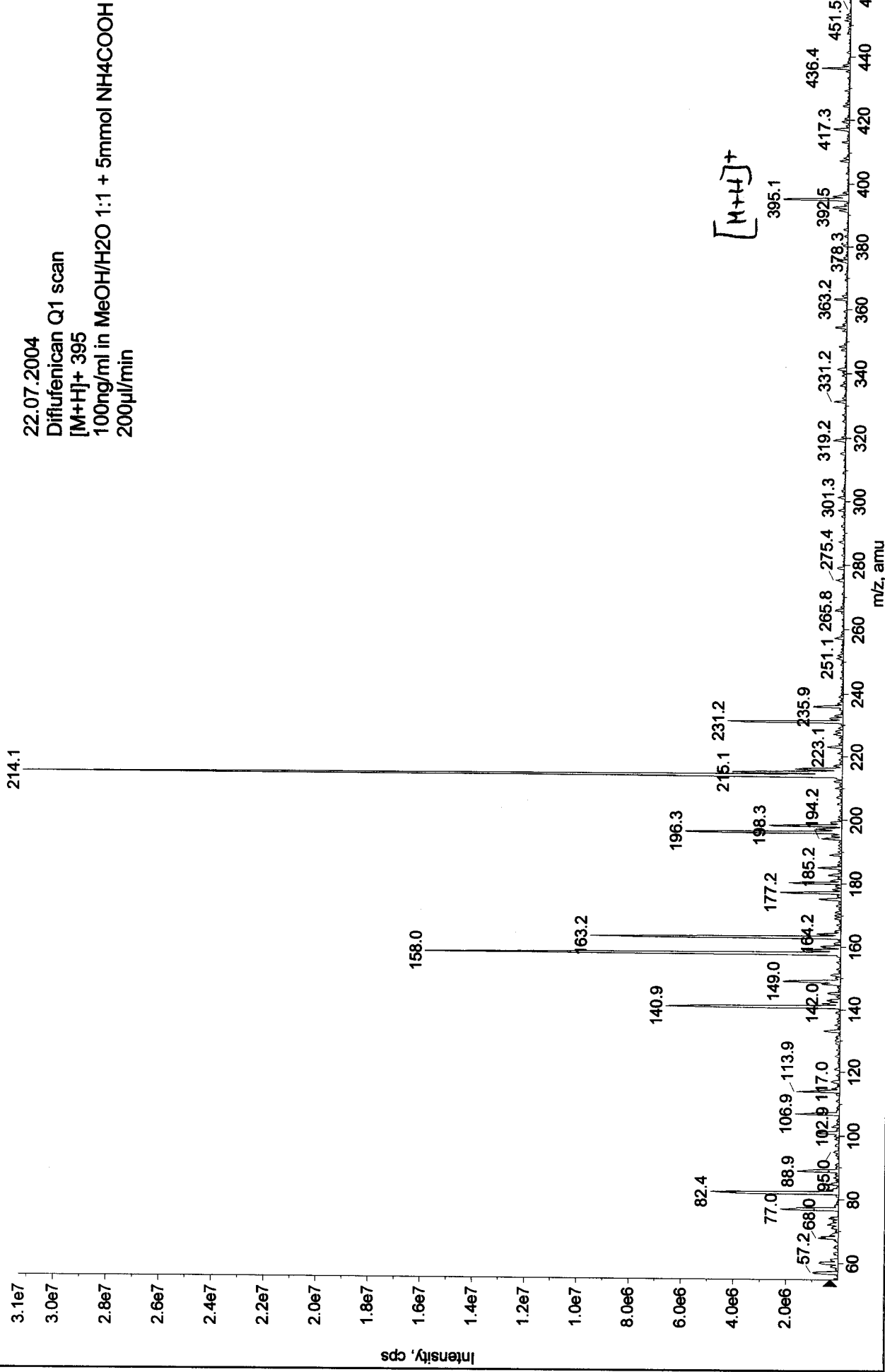
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722135959.wiff (Turbo Spray)

Max. 3.1e7 cps



Printing Time: 14:05:40
Printing Date: Thursday, July 22, 2004

Acq. Time: 14:04
Acq. File: Thursday, July 22, 2004
Acq. File: MT20040722140419.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

+MS2 (395.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722140419.wiff (Turbo Spray) Max. 3.6e5 cps

