

MS/MS Parameters of Pesticides

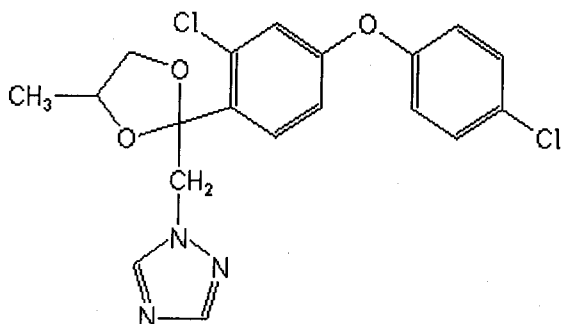
Analyte: Difenoconazole

CAS No.: 119446-68-3

Formula: C₁₉H₁₇Cl₂N₃O₃

Molecular mass (lowest isotopes): 405,07 amu

Structure:



Ionisation: ESI +

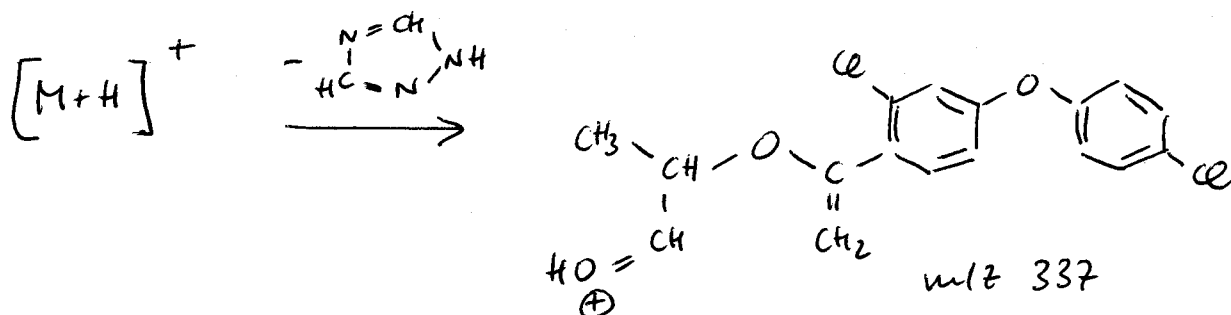
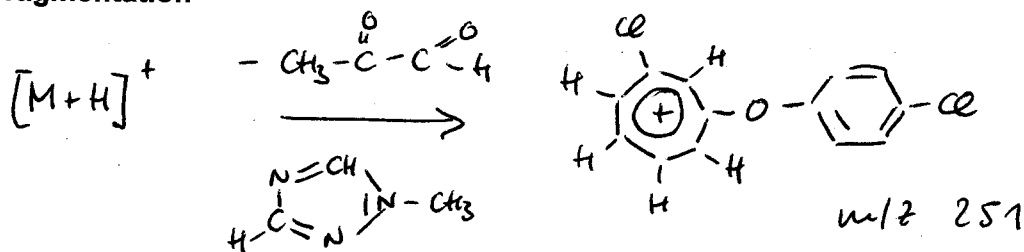
Quasimolecular ion: 406,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	406,1 → 250,9	406,1 → 337,0
Declustering potential (DP) ^{*)}	41 V	41 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	9,0 V	10,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	37 V	23 V
Collision cell exit potential (CXP)	14 V	18 V

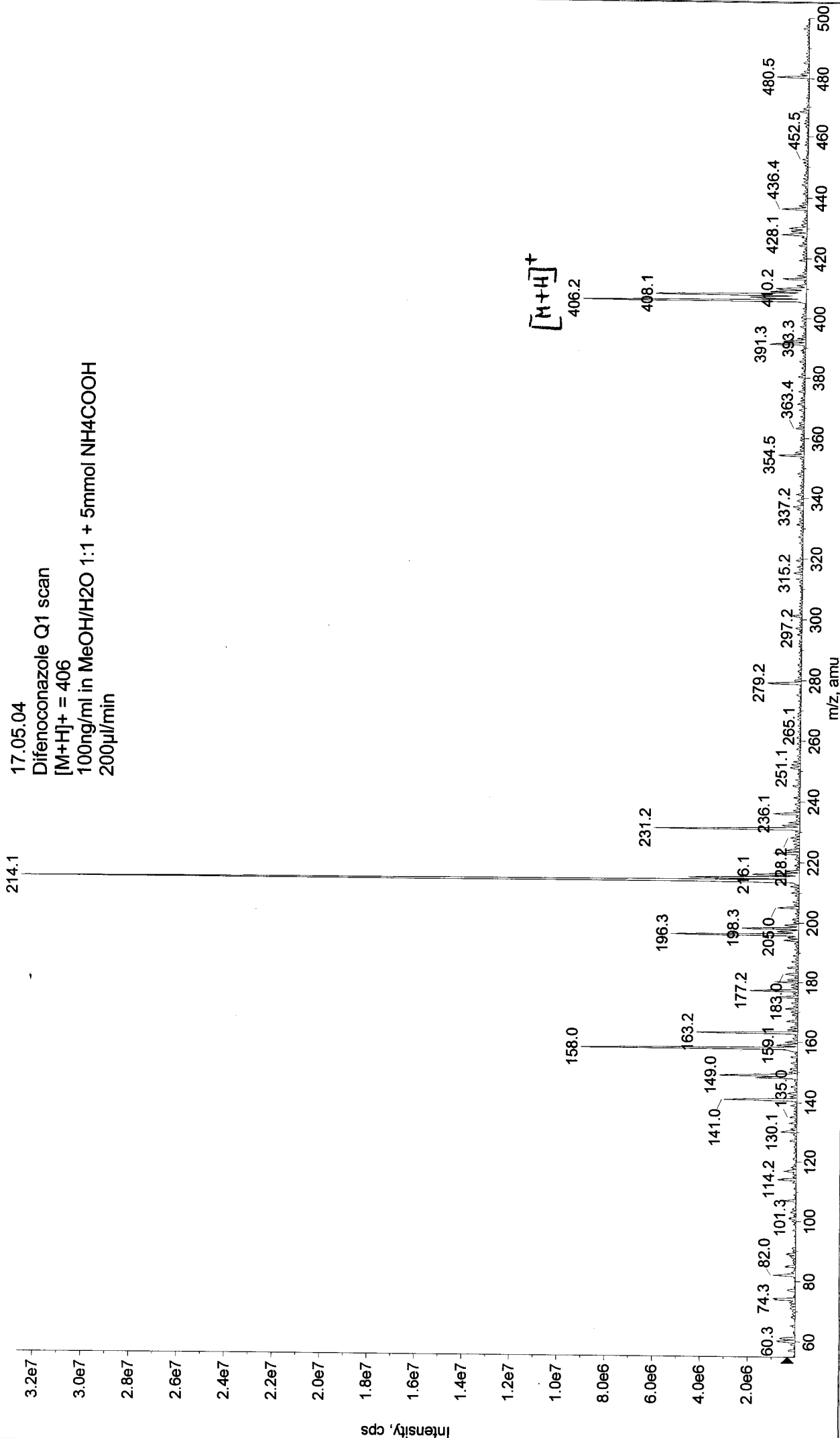
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040517112445.wiff (Turbo Spray)

Max. 3.3e7 cps.



■ +MS2 (406.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040517112721.wiff (Turbo Spray)

Max. 1.3e6 cps

