

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

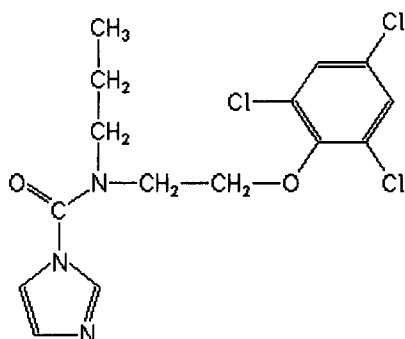
Analyte: Prochloraz

CAS No.: 67747-09-5

Formula: C₁₅H₁₆Cl₃N₃O₂

Molecular mass (lowest isotopes): 375,03 amu

Structure:



Ionisation: ESI +

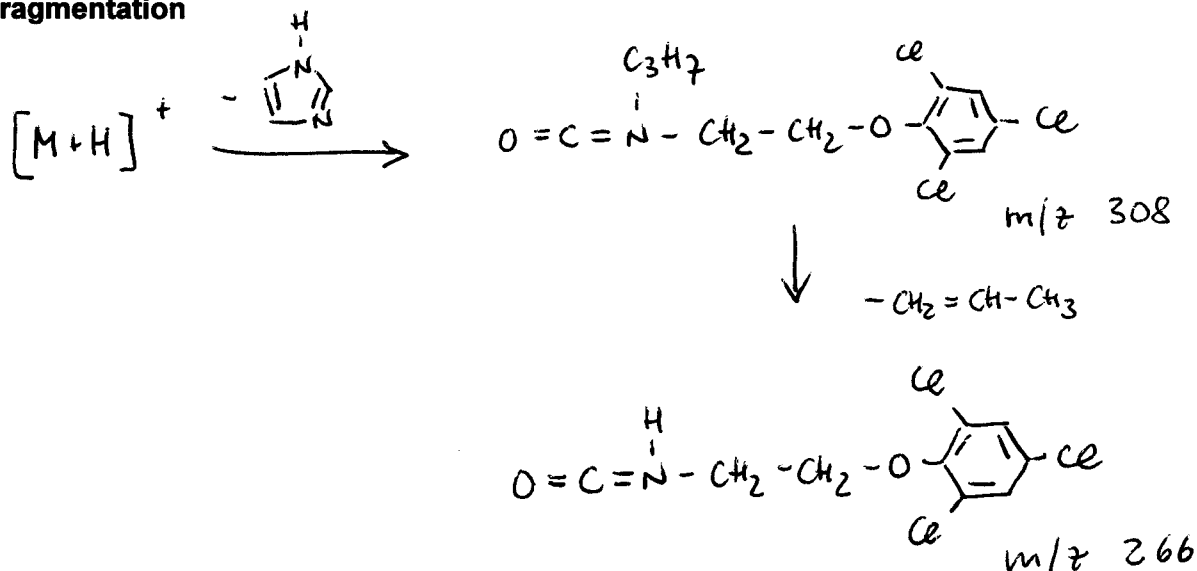
Quasimolecular ion: 376,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	376,0 → 308,0	376,0 → 265,9
Declustering potential (DP) ^{*)}	24 V	24 V
Focusing potential (FP)	350 V	350 V
Entrance potential (EP)	8,5 V	8,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	17 V	23 V
Collision cell exit potential (CXP)	16 V	14 V

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

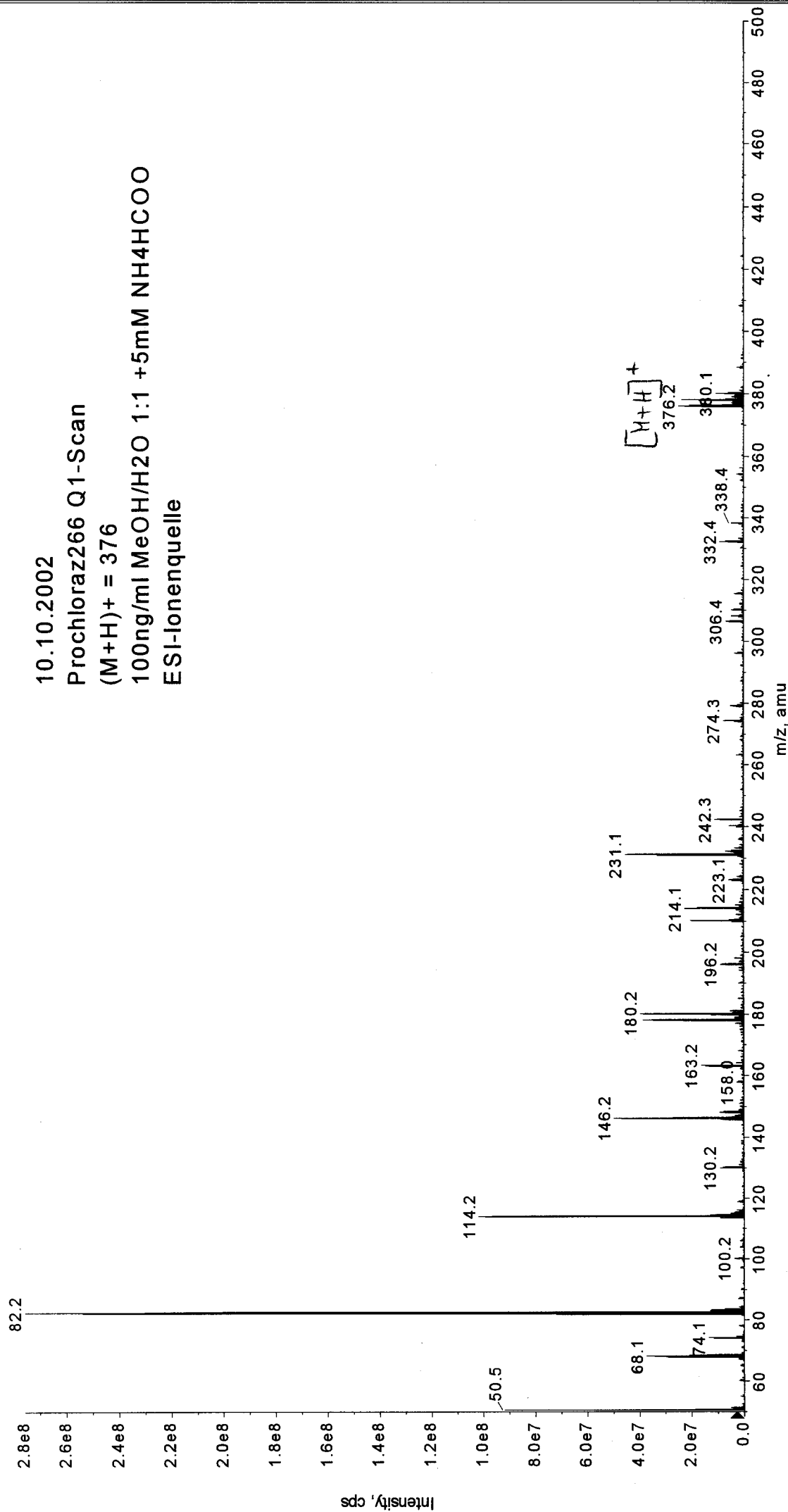
Fragmentation



■ +Q1: 30 MCA scans from MT20021010151204.wiff

Max. 2.8e8 cps.

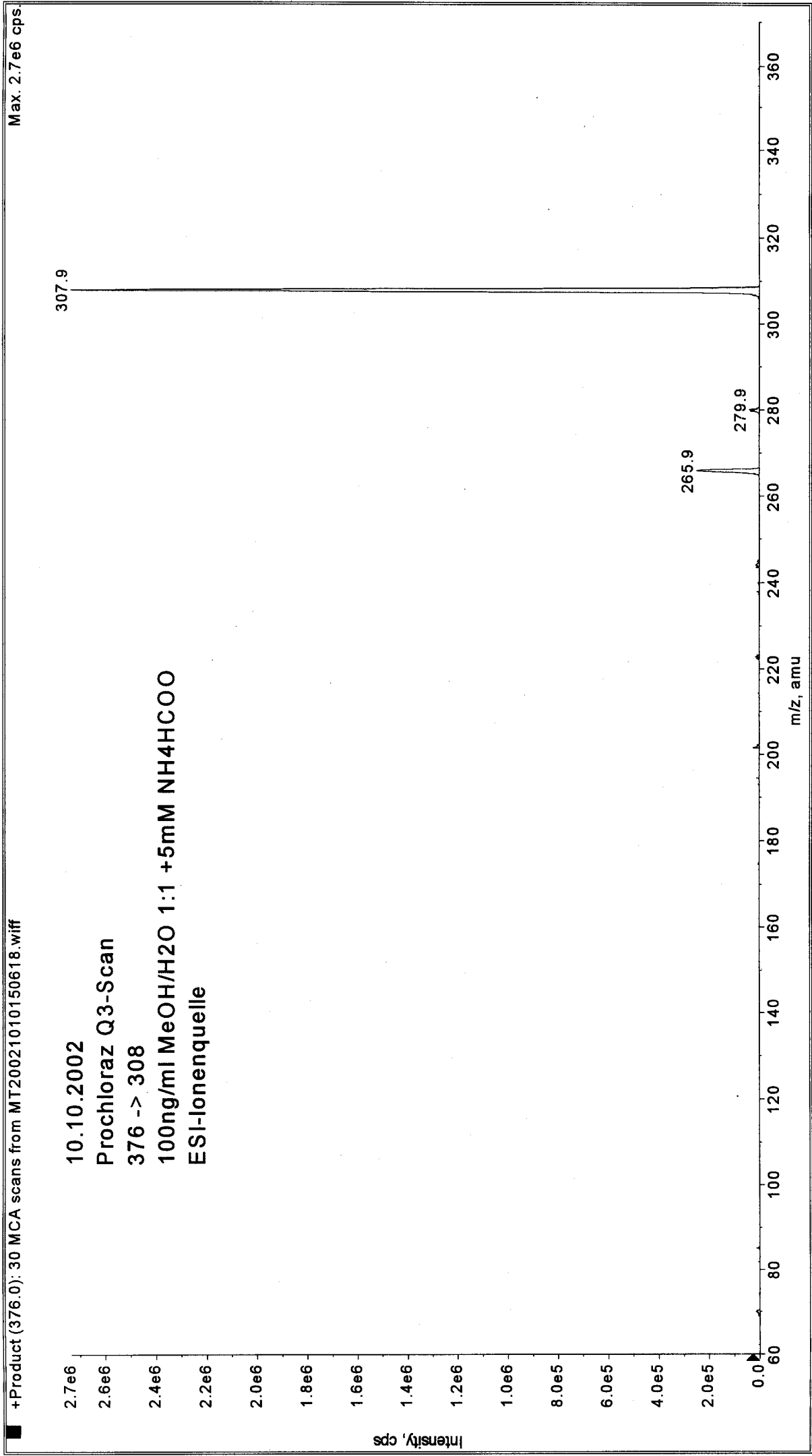
10.10.2002
Prochloraz266 Q1-Scan
(M+H)⁺ = 376
100ng/ml MeOH/H₂O 1:1 +5mM NH₄HCOO
ESI-Ionenquelle



Printing Date: 10 October 2002
Printing Time: 15:07:22

Acq. Date: Thursday, October 10, 2002
Acq. Time: 15:06
Acq. File: MT20021010150618.wiff

Sample Comment:
Sample Name:
Batch Name: N/A



Printing Date: 10 October 2002
Printing Time: 15:18:06

Acq. Date: Thursday, October 10, 2002
Acq. Time: 15:16
Acq. File: MT20021010151629.wiff

Sample Comment:
Sample Name:
Batch Name: N/A

■ +Product (376.0): 30 MCA scans from MT20021010151629.wiff

Max. 1.6e6 cps.

10.10.2002
Prochloraz266 Q3-Scan
376 -> 266
100ng/ml MeOH/H2O 1:1 +5mM NH4HCOO
ESI-Ionenquelle

