

MS/MS Parameters of Pesticides

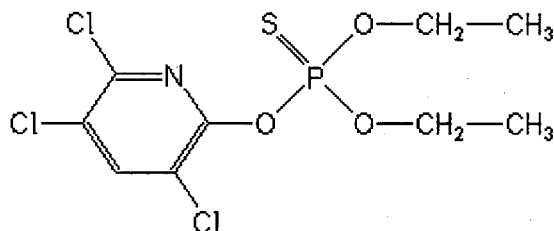
Analyte: Chlorpyrifos

CAS No.: 2921-88-2

Formula: C₉H₁₁Cl₃NO₃PS

Molecular mass (lowest isotopes): 348,93 amu

Structure:



Ionisation: ESI +

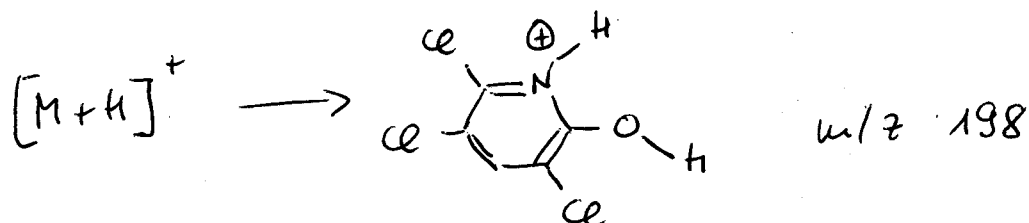
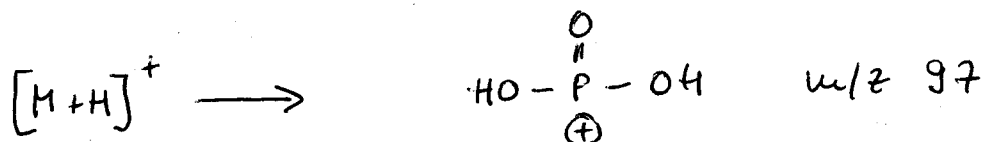
Quasimolecular ion: 349,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

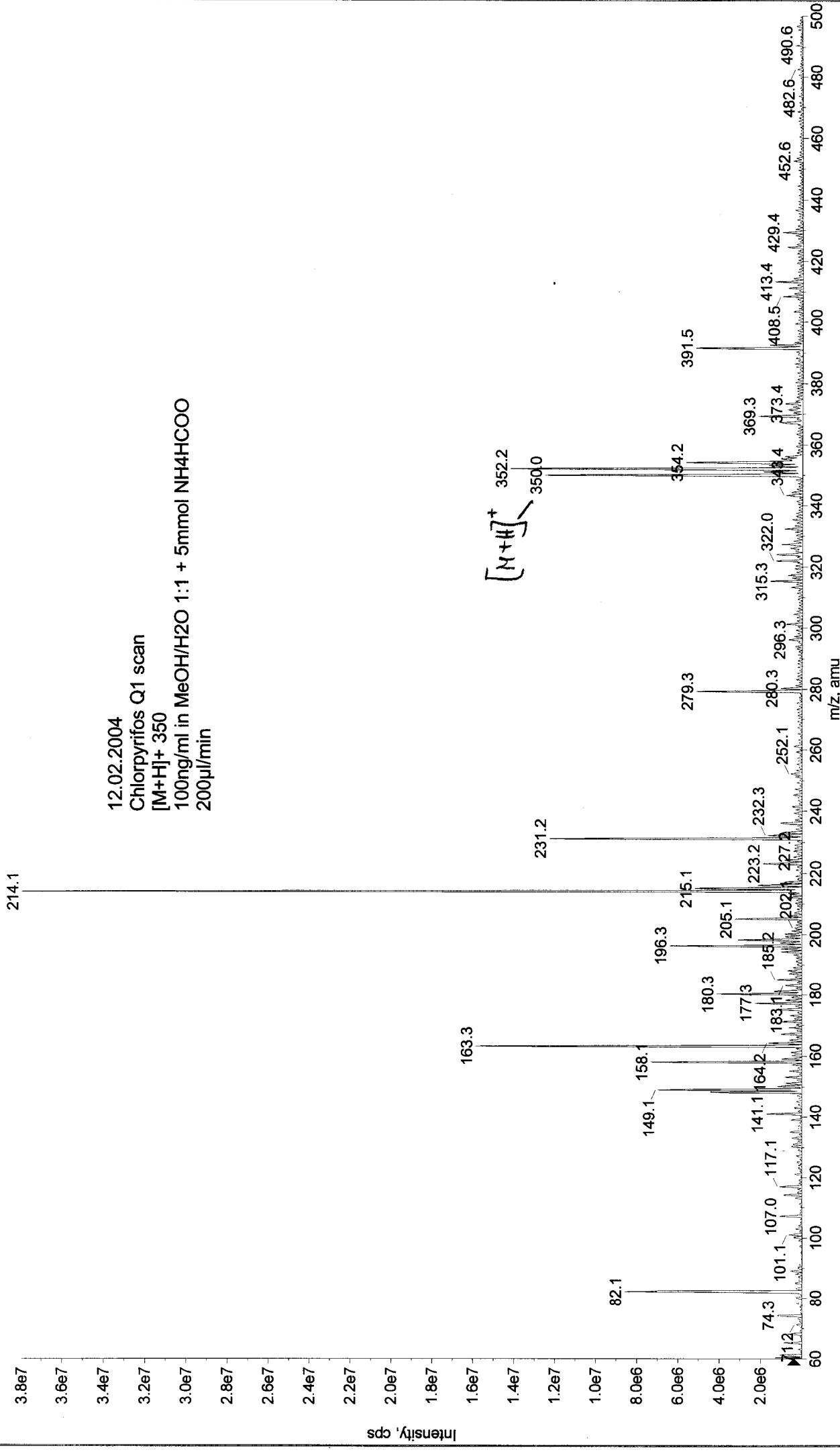
Transition	349,9 → 96,9	349,9 → 198,0
Declustering potential (DP)*)	21 V	21 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	11,0 V	11,5 V
Collision cell entrance potential (CEP)	18 V	24 V
Collision energy (CE)	41 V	25 V
Collision cell exit potential (CXP)	6 V	10 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040212114634.wiff (Turbo Spray) Max. 3.8e7 cps



Max. 1.4e6 cps

■ +MS2 (350.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040212115321.wiff (Turbo Spray)

