

MS/MS Parameters of Pesticides

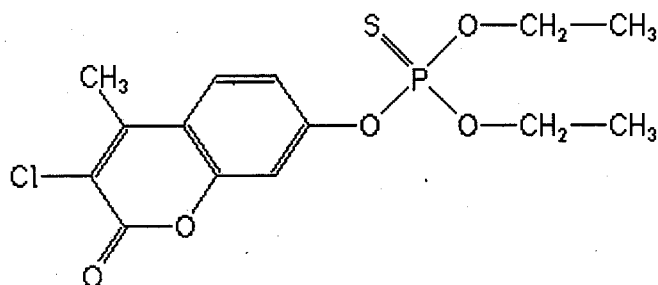
Analyte: Coumaphos

CAS No.: 56-72-4

Formula: C₁₄H₁₆ClO₅PS

Molecular mass (lowest isotopes): 362,01 amu

Structure:



Ionisation: ESI +

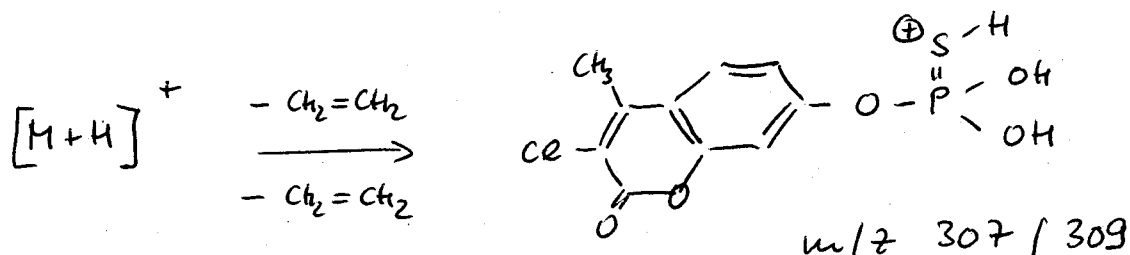
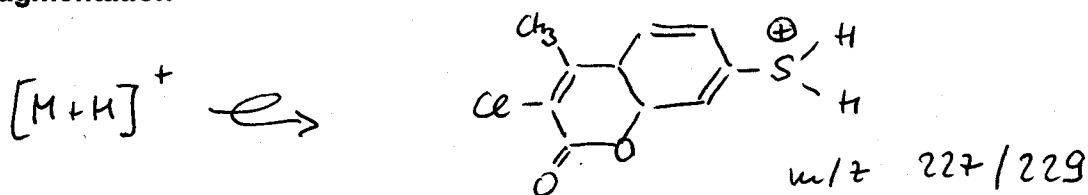
Quasimolecular ion: 363,0 amu = [M+H]⁺

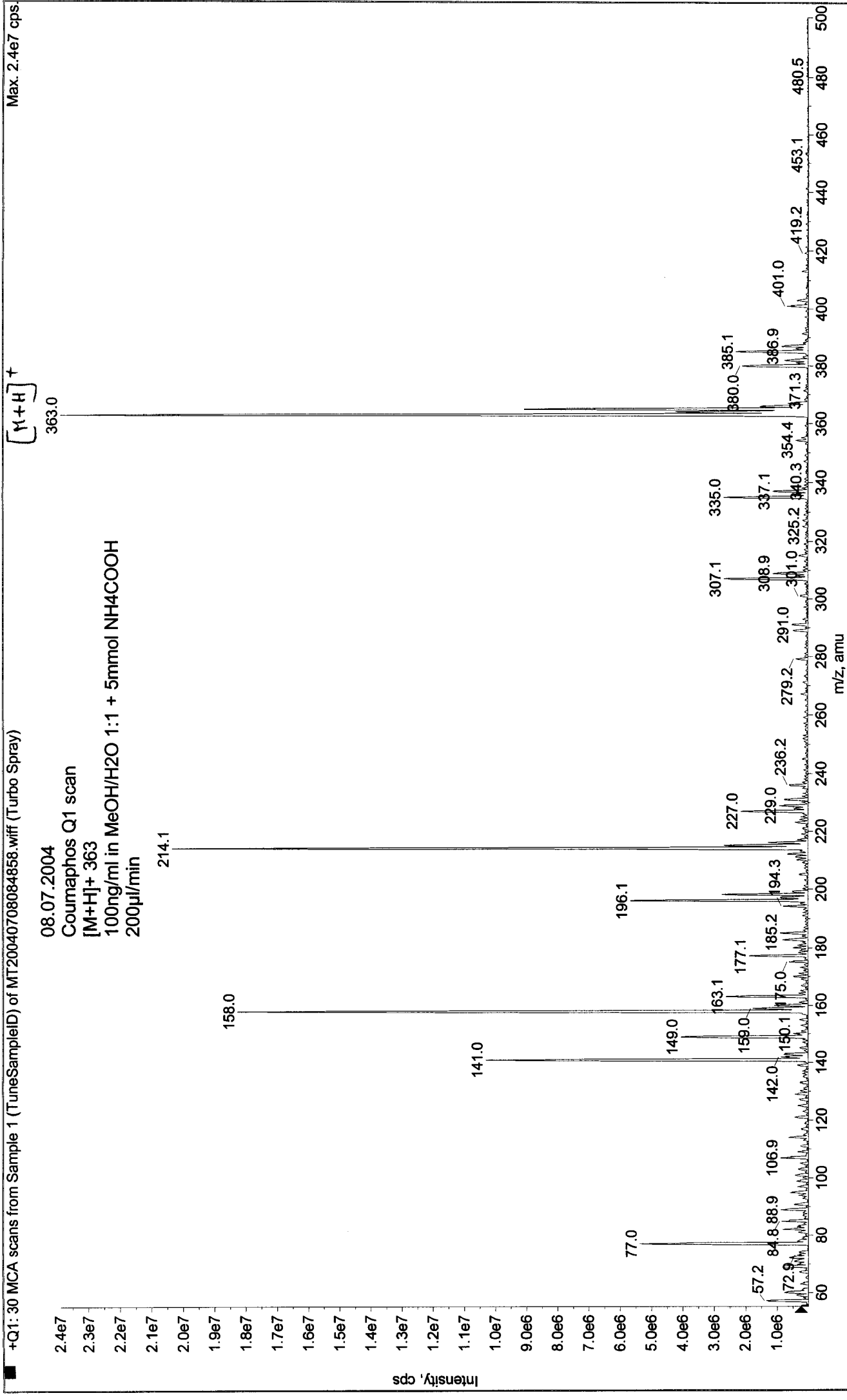
Analyte sensitive parameter set (API 2000)

Transition	363,0 → 227,0	363,0 → 307,0
Declustering potential (DP) ^{*)}	64 V	64 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	10,5 V
Collision cell entrance potential (CEP)	24 V	22 V
Collision energy (CE)	35 V	23 V
Collision cell exit potential (CXP)	12 V	16 V

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

Fragmentation





Max. 2.0e6 cps.

