

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

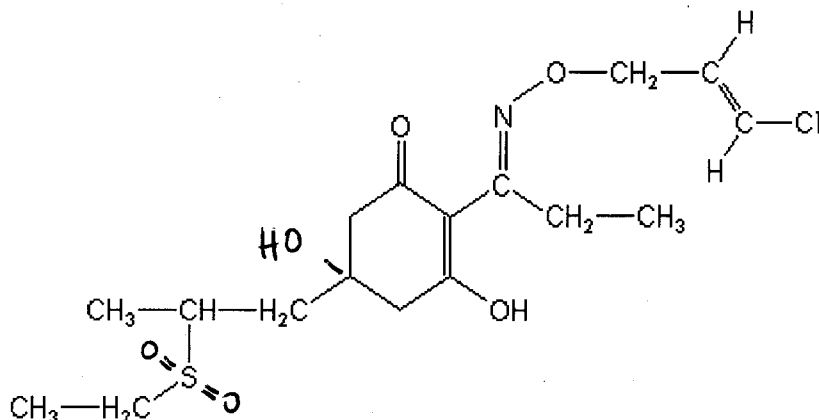
Analyte: 5-Hydroxy-Clethodim-sulfon

CAS No.: not available

Formula: C₁₇H₂₆ClNO₆S

Molecular mass (lowest isotopes): 407,12 amu

Structure:



Ionisation: ESI -

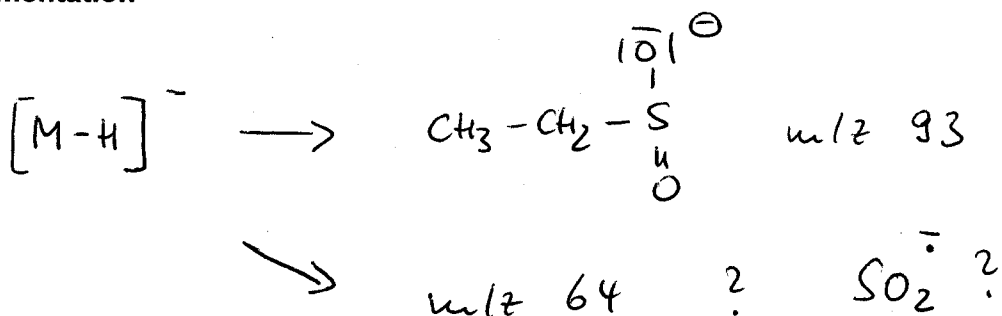
Quasimolecular ion: 406,1 amu = [M-H]-

Analyte sensitive parameter set (API 2000)

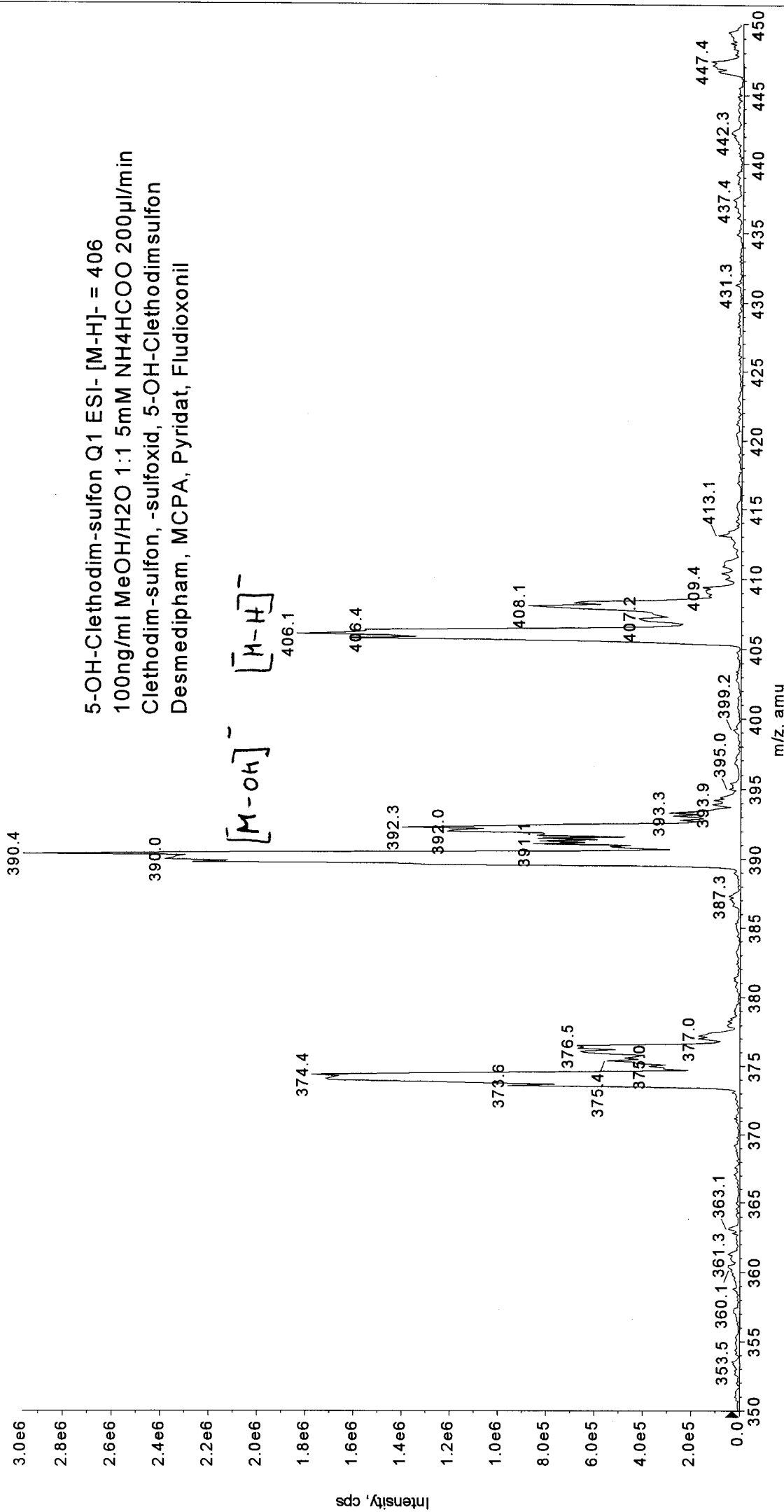
Transition	406,1 → 92,8	406,1 → 64,1
Declustering potential (DP)*)	-61V	-61 V
Focusing potential (FP)	-340 V	-350 V
Entrance potential (EP)	- 9,5 V	- 10,0 V
Collision cell entrance potential (CEP)	-26 V	-22 V
Collision energy (CE)	-30 V	-80 V
Collision cell exit potential (CXP)	-8 V	-10 V

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

Fragmentation



Q1: 30 MCA scans from Sample 1 of MT20020130161108.wiff Max 3.0e6 cps



Product (406.0): 30 MCA scans from Sample 1 of MT20020130161315.wiff

Max 1.2e5 cps

