

## MS/MS Parameters of Pesticides

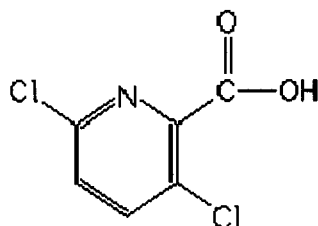
### Analyte: Clopyralid

CAS No.: 1702-17-6

Formula: C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>

Molecular mass (lowest isotopes): 190,95 amu

Structure:


Ionisation: ESI -  
Eluent

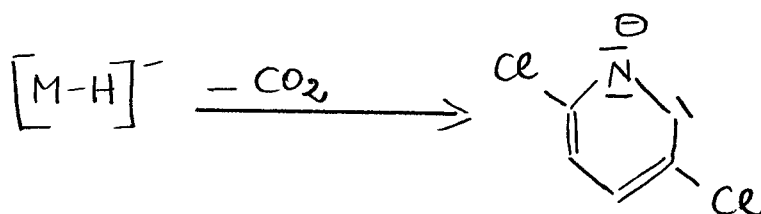
Quasimolecular ion: 190,0 amu = [M-H]<sup>-</sup>  
Methanol/ water, +0.2% acetic acid

Analyte sensitive parameter set (API 2000)

Transition	190,0 → 145,9	no → no
Declustering potential (DP) <sup>*)</sup>	- 6 V	- 6 V
Focusing potential (FP)	-290 V	V
Entrance potential (EP)	- 8 V	V
Collision cell entrance potential (CEP)	-22 V	V
Collision energy (CE)	-10 V	V
Collision cell exit potential (CXP)	-10 V	V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



m/z 146/148/150

■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070925112238.wiff (Turbo Spray)

Max. 9.7e7 cps

