



EVOLUTION GC-MS Triple Quadrupole System



DynaMO - Evolution goes Dynamic MRM

With each Evolution Triple Quad upgrade, a **DynaMO** license is available as an option, giving you Dynamic MRM Optimization. With **DynaMO** you will never have to struggle with selecting correct retention time windows for your method. **DynaMO** will do the job instantly for you.

DynaMO will use very narrow retention time windows as the run progresses. As a result, only the transitions that fall within the window at any given point in time are scanned - a significant reduction in the number of transitions scanned at any given moment. This translates into far better sensitivity, especially for users with large numbers of analytes of interest.

The depicted method includes more than 310 pesticides. Each compound is selectable by clicking into the method list. Just another mouse click will sort the method list by retention time (RT) or name. If you prefer to work with spreadsheet views, select the 'Use Excel' -Tool and continue in the well known Excel® environment.

Compound Parameters

RT window [-/+ min]: 17.352 ± 0.2

Res Q1: 1.2
Res Q3: 1.2

Optimize:
 Selectivity
 Balanced
 Signal Height

RT: 17.352
 Name: Heptachlor
 Synonyms:
 CAS:
 Comment:

Transitions

In Use	Available	Transition	Enhance by Resolution Q1	Enhance by Resolution Q3	Enhance by Dwell Time (x3)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	272>237 @-12V	1.2	1.2	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	274>239 @-9V	1.2	1.2	<input type="checkbox"/>

Select / Unselect ALL

Tools

Use Excel
 Show PESTiMate
 DynaMO Settings
 Search PESTiMate from Driver

Method list

RT	Name
23.056	Fluotrimazol
18.606	Flurchloridon(2)
20.831	Flusilazol
20.178	Flutriafol
28.280	Fluvalinat-Tau(2)
19.533	Folpet
15.728	Fonophos
17.144	Fuberidazol
19.493	Furalaxyl
16.609	Furmecycloz
14.862	HCB
17.352	Heptachlor
19.166	Heptachlorepoxyd,cis
12.970	Heptenophos
20.355	Hexaconazol
22.667	Hexazinon
19.690	Hexythiazox
20.433	Imazalil
20.374	Iodfenphos
13.952	IPBC
16.476	Iprobenphos

Compound	RT [min]	Res Q1	Res Q3	Q1	Q3	CE	Q1	Q3	CE	Q1	Q3	CE	Q1
Phenmedipham	5.690	1.2	1.2	133	104	-15	133	78	-15				
Oxydemeton-methyl	6.609	1.2	1.2	197	141	-12	197	81	-12				
Methamidophos	7.723	1.2	1.2	141	94	-20	141	95	-15	141	80	-15	141
Dichlorvos	8.078	1.2	1.2	185	109	-15	109	79	-8	220	185	-6	185
4-Chlororesol	8.583	1.2	1.2	142	107	-15	142	77	-15				
Dichlobenil	9.604	1.2	1.2	171	136	-15	171	100	-15				
Trichlorphenol,-2,4,6-	9.663	1.2	1.2	196	132	-15	198	134	-15				
Biofenyl	10.103	1.2	1.2	154	152	-20	154	128	-20				