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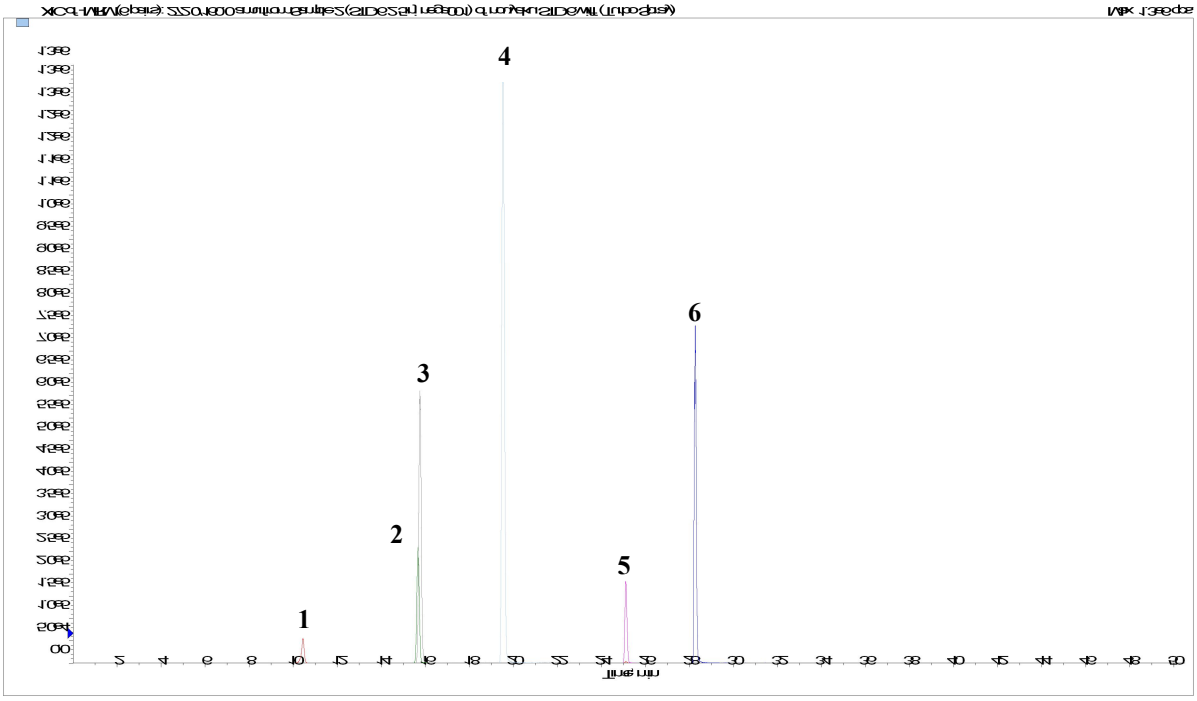
Inertsil ® Applications

Analysis of 6 Pestisides

Data No. LA844-0811

This sample was provided by Dr. Kiwao KADOKAMI (The University of Kitakyushu, Japan)



Conditions

System : LC800 HPLC system
4000 Q TRAP ®

Column : Inertsil ODS-4 HP (3µm, 150 x 2.1 mm I.D.)

Column Cat. No. : 5020-14002

Eluent : A) 5 mmol CH_3COONH_4 in CH_3OH
B) 5 mmol CH_3COONH_4 in H_2O
A/B = 5/95 -30 min- 95/5 -20 min- 95/5 ,v/v

Flow rate : 0.3 mL/min

Col. Temp. : 40 ℃

Detection : LC/MS/MS (4000Q TRAP®: ESI, Negative, MRM)

CUR	CAD	IS	TEM	GS1	GS2
40	4	-4000	600	50	80

Injection Vol. : 2.5 µL

Sample : Pestisides

Analyte:

	Q1/Q3	
1. Gibberellic acid	345/143	(1µg/mL)
2. (2,4-dichlorophenoxy)acetic acid	219/161	(1µg/mL)
3. (4-chloro-2-methylphenoxy)acetic acid	199/141	(1µg/mL)
4. Cyclanilide	272/160	(1µg/mL)
5. Oryzalin	345/78	(1µg/mL)
6. Hexaflumuron	459/439	(1µg/mL)

Related No. : LA843

GL Sciences