

Quantification of Triazine Pesticides in Water by LC/MS/MS

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4462-AN

Elution Type: Gradient

Eluent A: Water with 0.1 % Formic Acid

Eluent B: 100% MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	0.25	60	40
	3	2	60	40
	4	3	25	75
	5	4	25	75
	6	4.1	95	5

Flow Rate: 0.3 mL/min

Col. Temp.: ambient

Detection: Mass Spectrometer (MS) @ amu (600 °C)

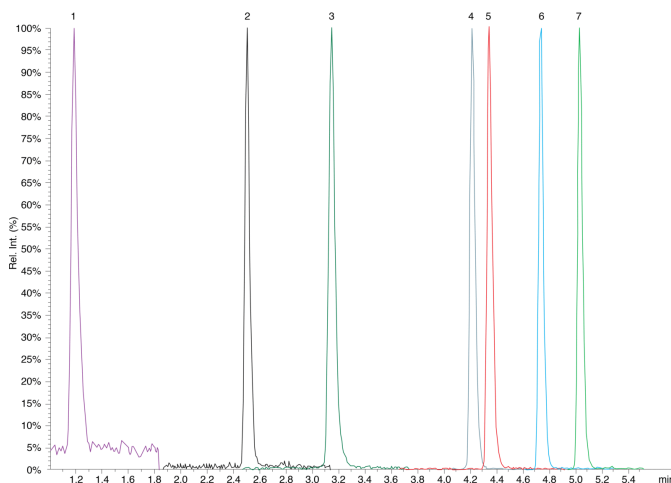
Detector Info: <a target="_blank"

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href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<



Products used in this application:



ANALYTES:

1 Atrazine-desethyl-desisopropyl

Retention Time: 1.19 min

2 Atrazine-desisopropyl

Retention Time: 2.5 min

3 Atrazine-desethyl

Retention Time: 3.1 min

4 Cyanazine

Retention Time: 4.22 min

5 Simazine

Retention Time: 4.34 min

6 Atrazine

Retention Time: 4.74 min

7 Propazine

Retention Time: 5.03 min

