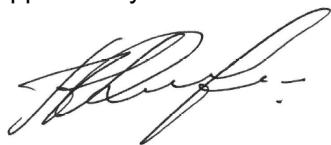


Name:	Desipramine-2,4,6,8-D ₄ HCl
Lot#:	GR-7-061
Test Date:	07/02/2020 (re-test date: 07/02/2025)
CAS No.:	61361-34-0
MF:	C ₁₈ H ₁₉ D ₄ ClN ₂
MW:	306.87 (270.34 free base)
Appearance:	White Solid
Purity:	99.9% by HPLC; >98% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 271.23 [M+H] ⁺)
Storage	Store at 0-8°C in a dry place away from direct sunlight

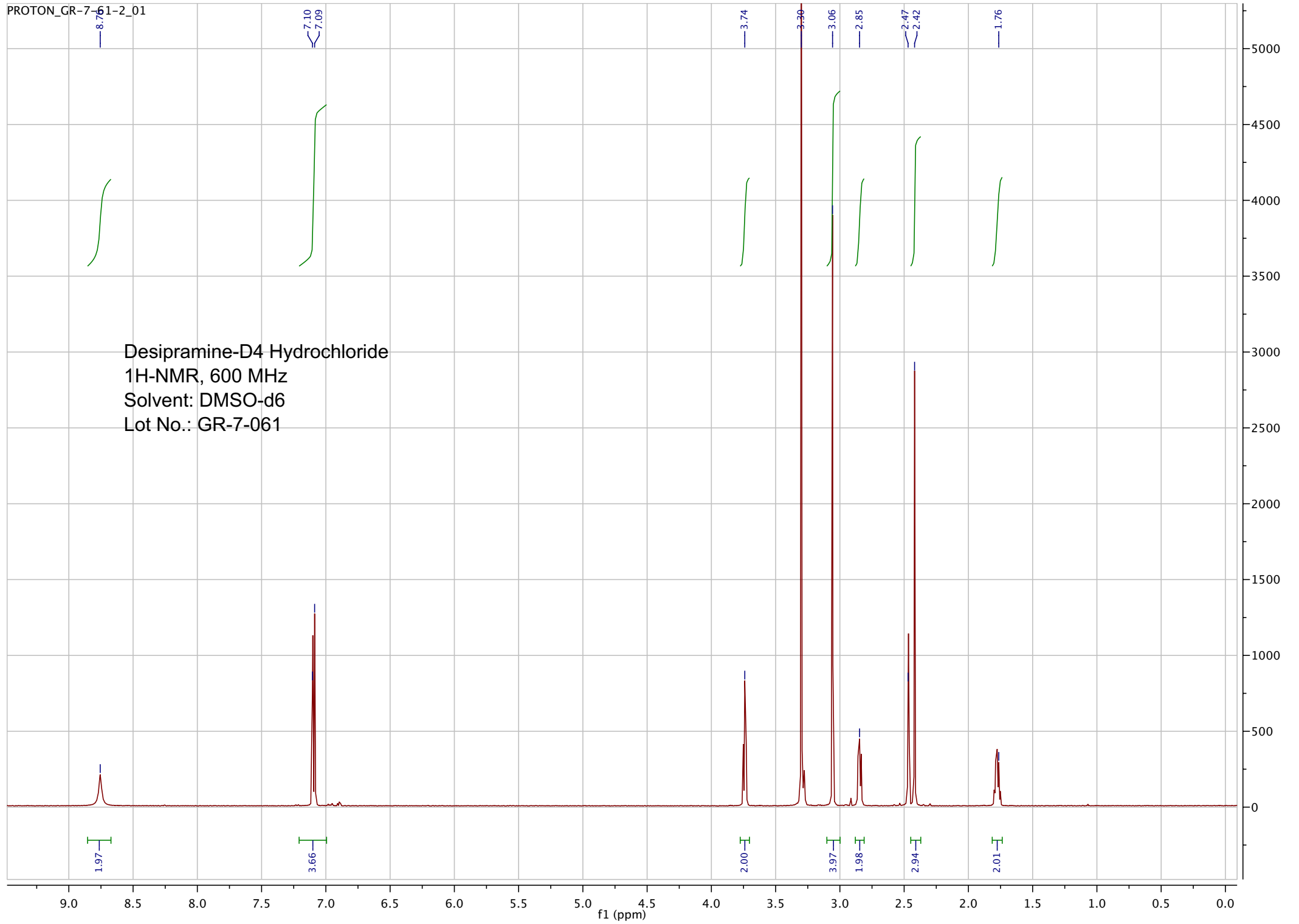
Approved by:

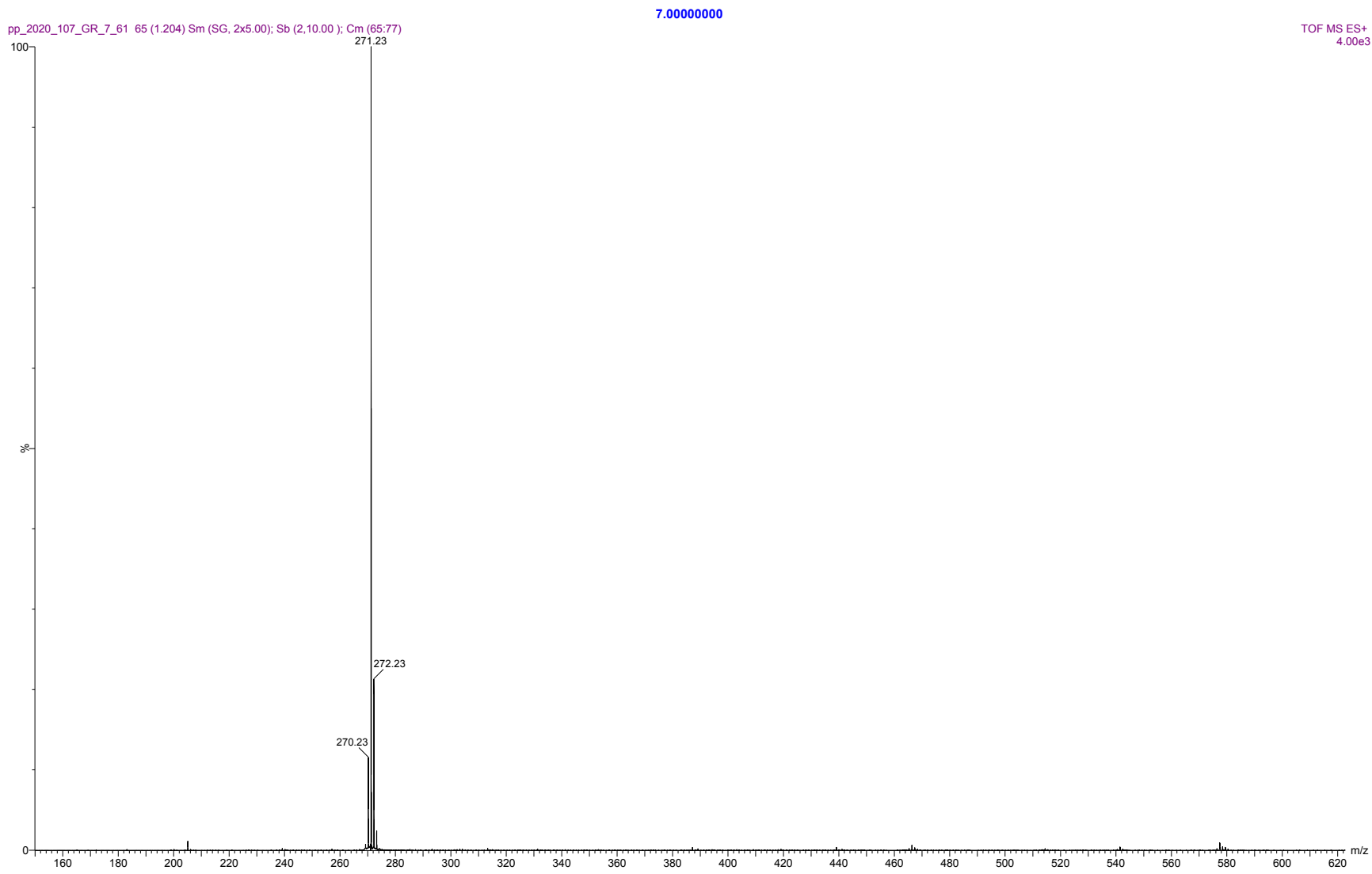
Date: 07/02/2020



Viorica Rusu, QC/QA Manager

PROTON_GR-7-61-2_01



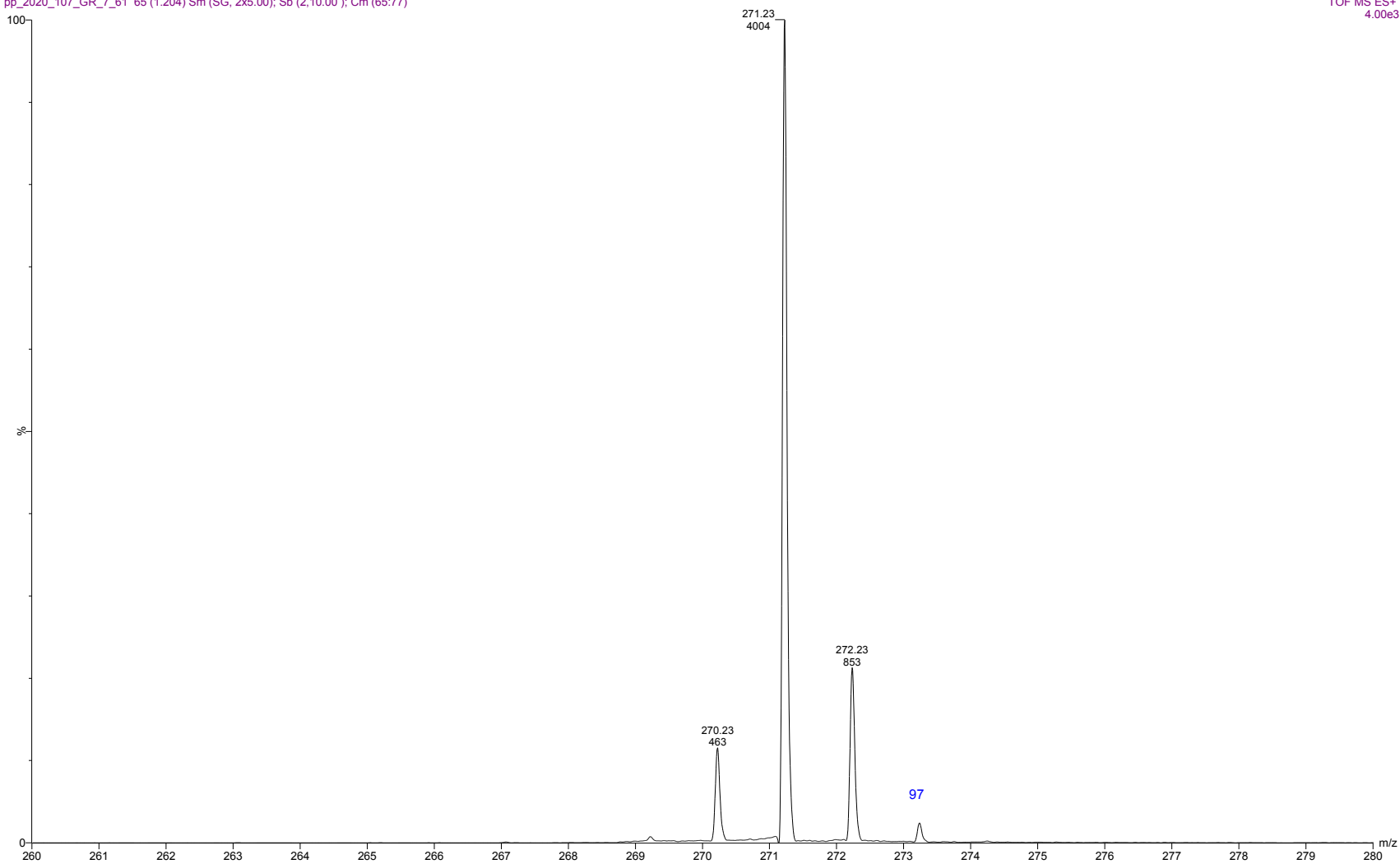


Raw ESI-MS spectrum for sample GR-7-061. Shows monoisotopic [M+H]⁺ mass.

pp_2020_107_GR_7_61 65 (1.204) Sm (SG, 2x5.00); Sb (2,10.00); Cm (65.77)

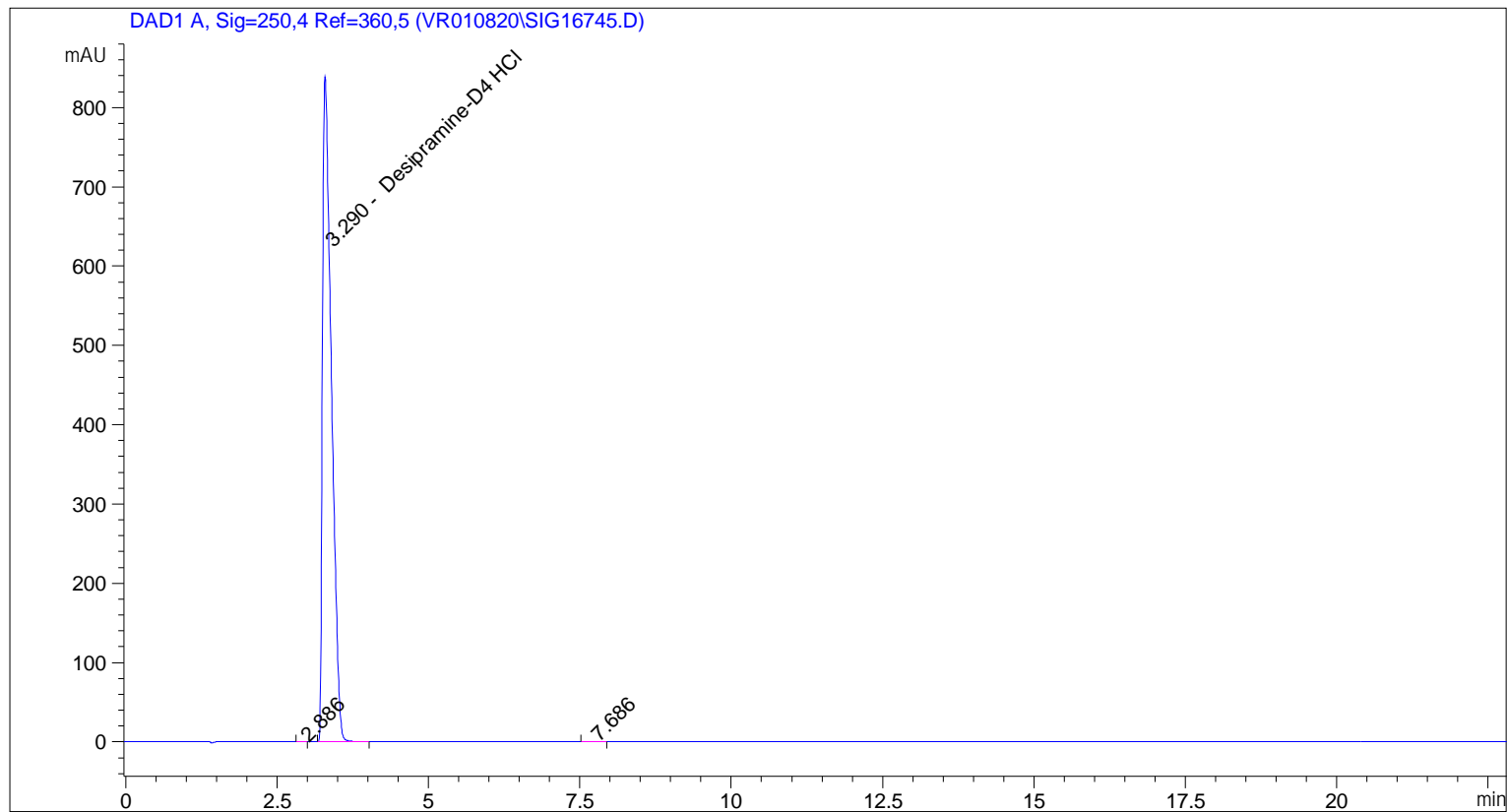
7.0000000

TOF MS ES+
4.00e3



Expansion of the above.

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 20
Injection Date : 7/2/2020 12:43:37 PM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR070220_061.M
Last changed : 7/2/2020 12:42:39 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR070220_061PM.M
Last changed : 7/2/2020 1:09:58 PM by vrusu



=====
Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : 7/2/2020 1:09:52 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=250,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.886	VV	0.0808	1.74356	0.0202	?
2	3.290	VB	0.1558	8613.78223	99.8986	Desipramine-D4 HCl
3	7.686	BB	0.1743	6.99625	0.0811	?

Totals : 8622.52203