

Name:	Ranolazine-D8 Dihydrochloride
Lot#:	GR-8-179
Test Date:	05/27/2021 (re-test date: 05/27/2026)
CAS No.:	95635-56-6 (unlabelled)
MF:	C ₂₄ H ₂₇ D ₈ Cl ₂ N ₃ O ₄
MW:	508.51
Appearance:	White solid
Purity:	99.9% by HPLC (average of two sample preparations); 99% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 436.29 [M _{free base} +H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

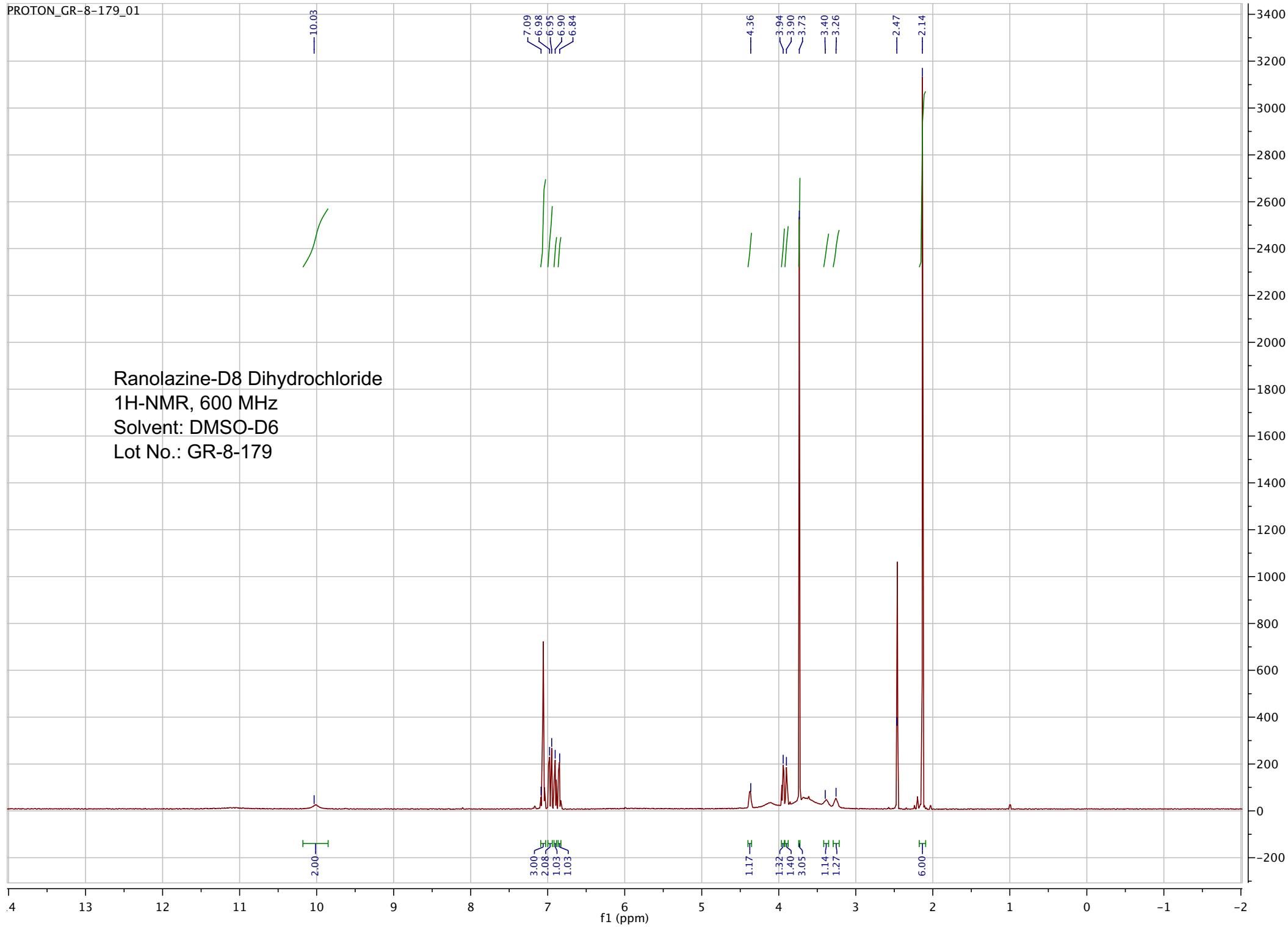
Approved by:

Date: 05/27/2021



Viorica Rusu, QC/QA Manager

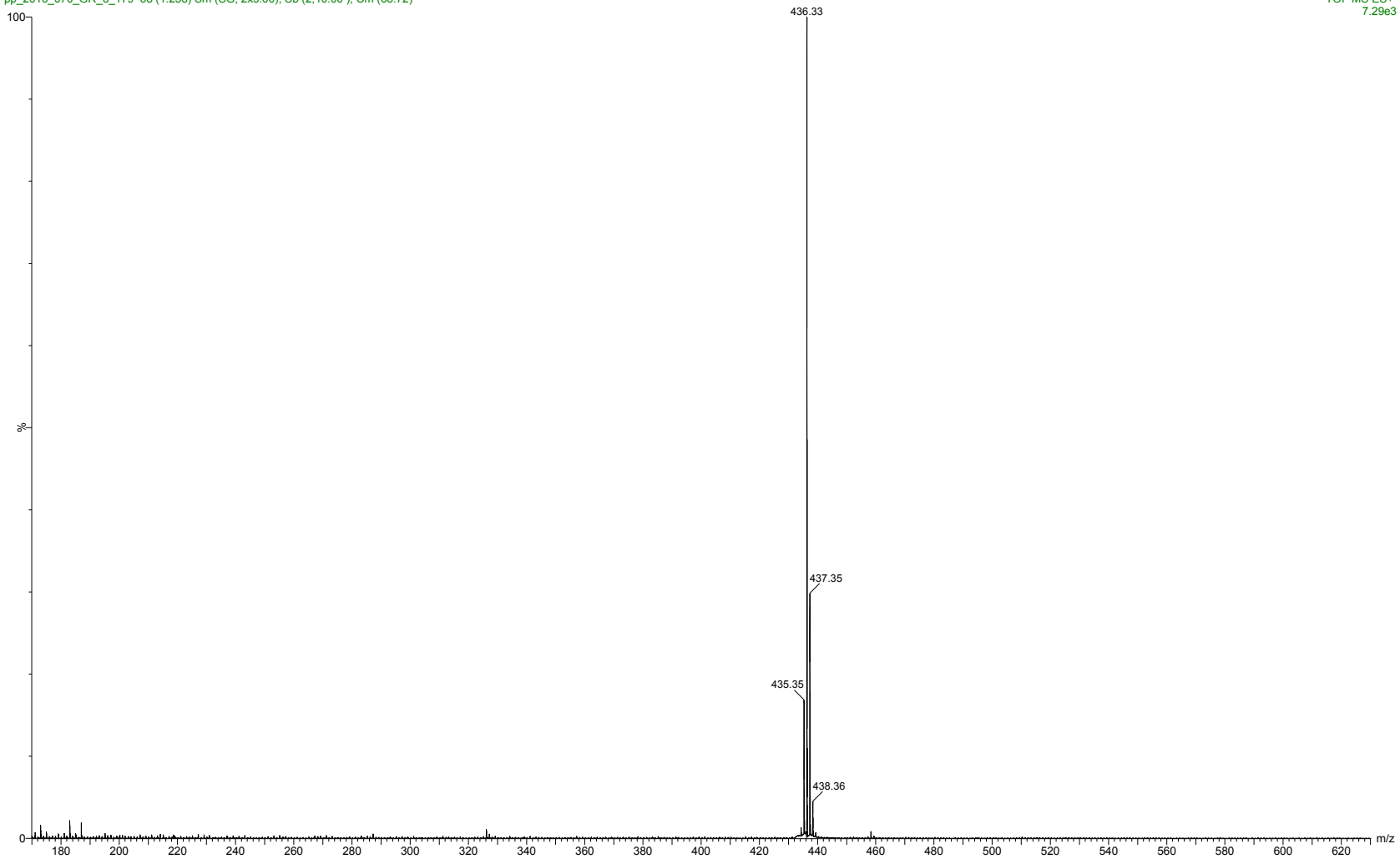
Ranolazine-D8 Dihydrochloride
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-8-179



pp_2016_070_GR_8_179 68 (1.258) Sm (SG, 2x5.00); Sb (2,10.00); Cm (68:72)

7.00000000

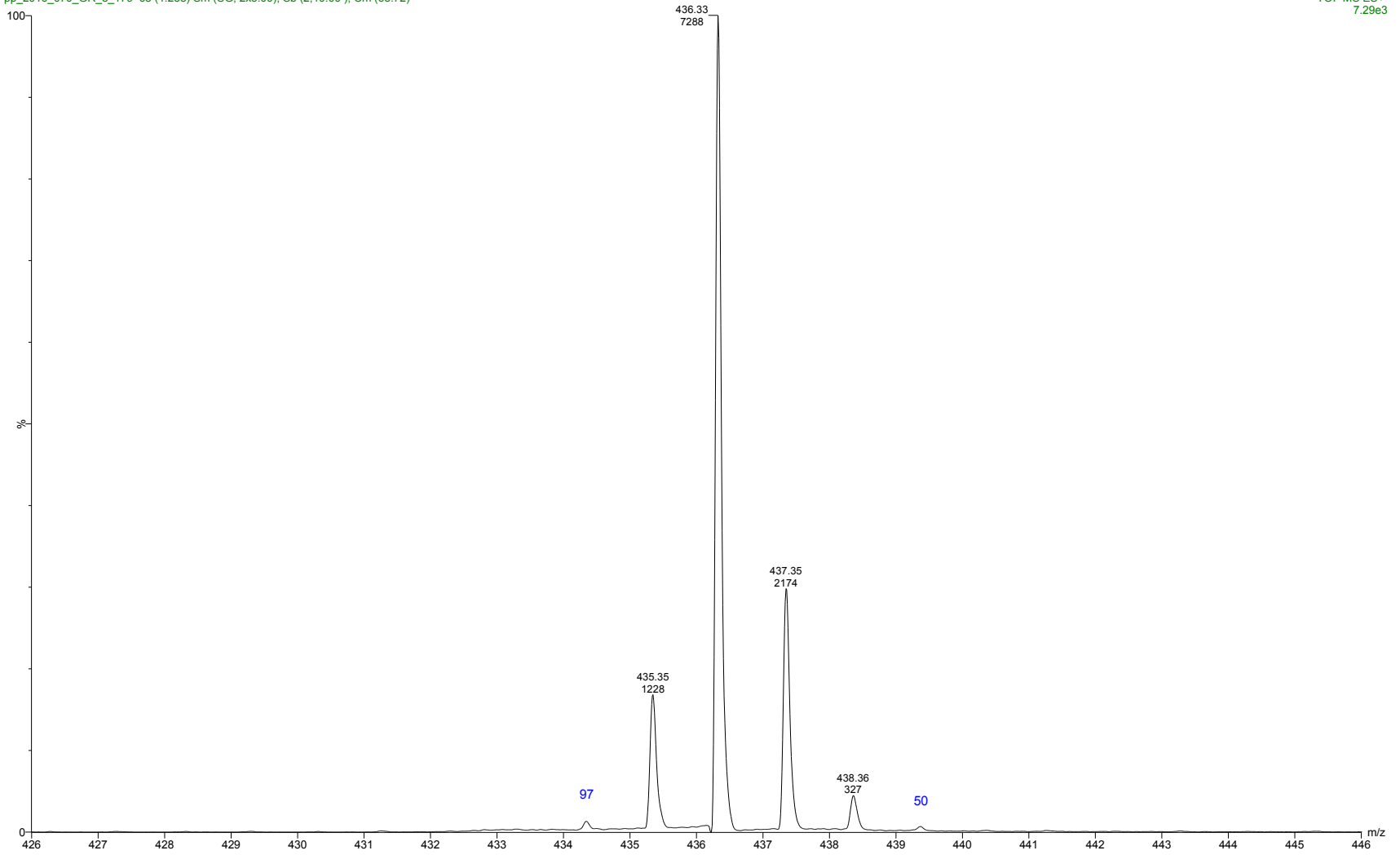
08-Aug-2016, 16:11:05
TOF MS ES+
7.29e3



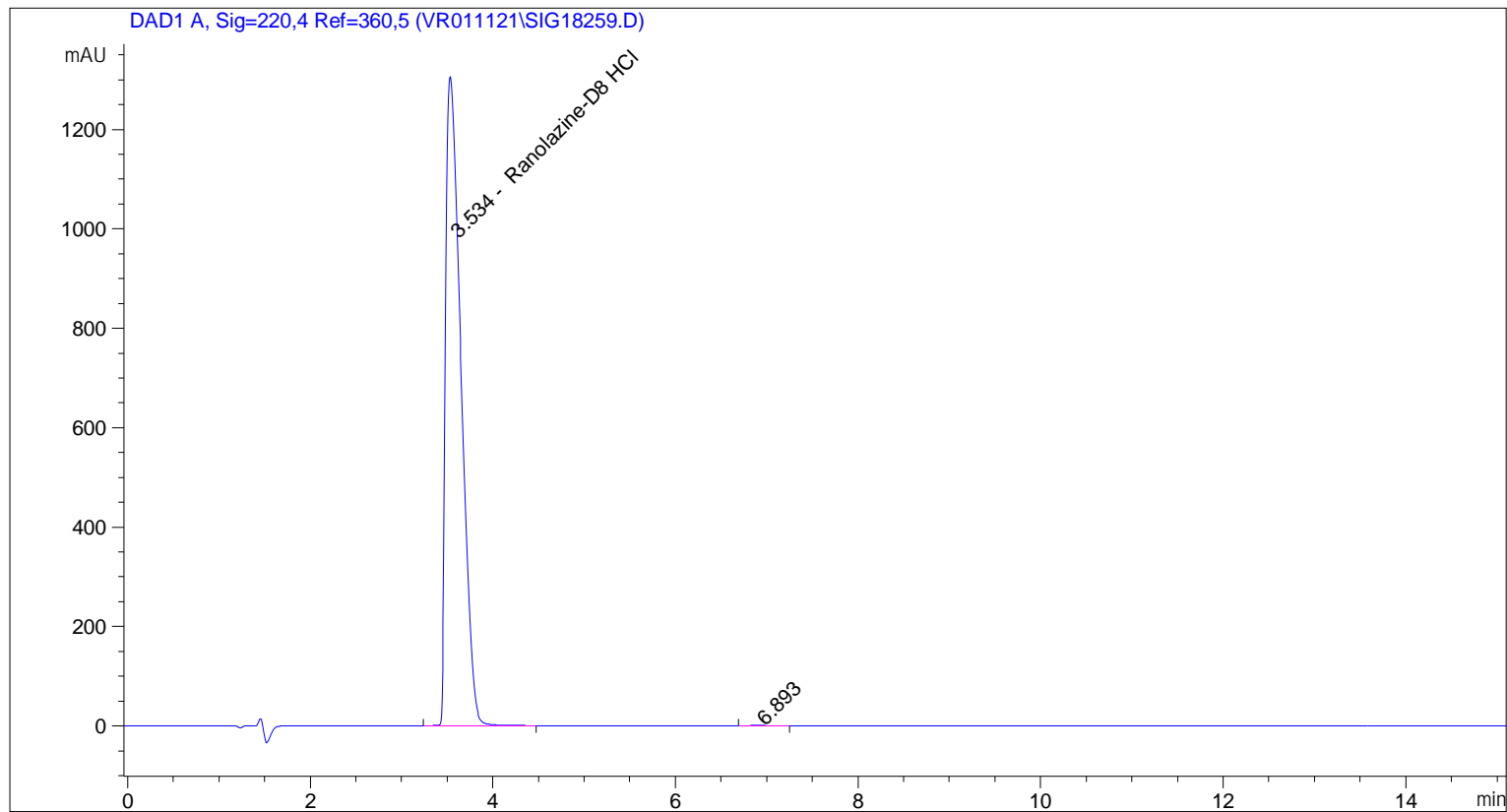
pp_2016_070_GR_8_179 68 (1.258) Sm (SG, 2x5.00); Sb (2,10.00); Cm (68:72)

7.0000000

08-Aug-2016, 16:11:05
TOF MS ES+
7.29e3



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 30
Injection Date : 5/27/2021 8:53:45 AM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR052721_179.M
Last changed : 5/27/2021 8:52:57 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052721_179PM.M
Last changed : 5/27/2021 9:58:17 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 5/27/2021 9:58:09 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

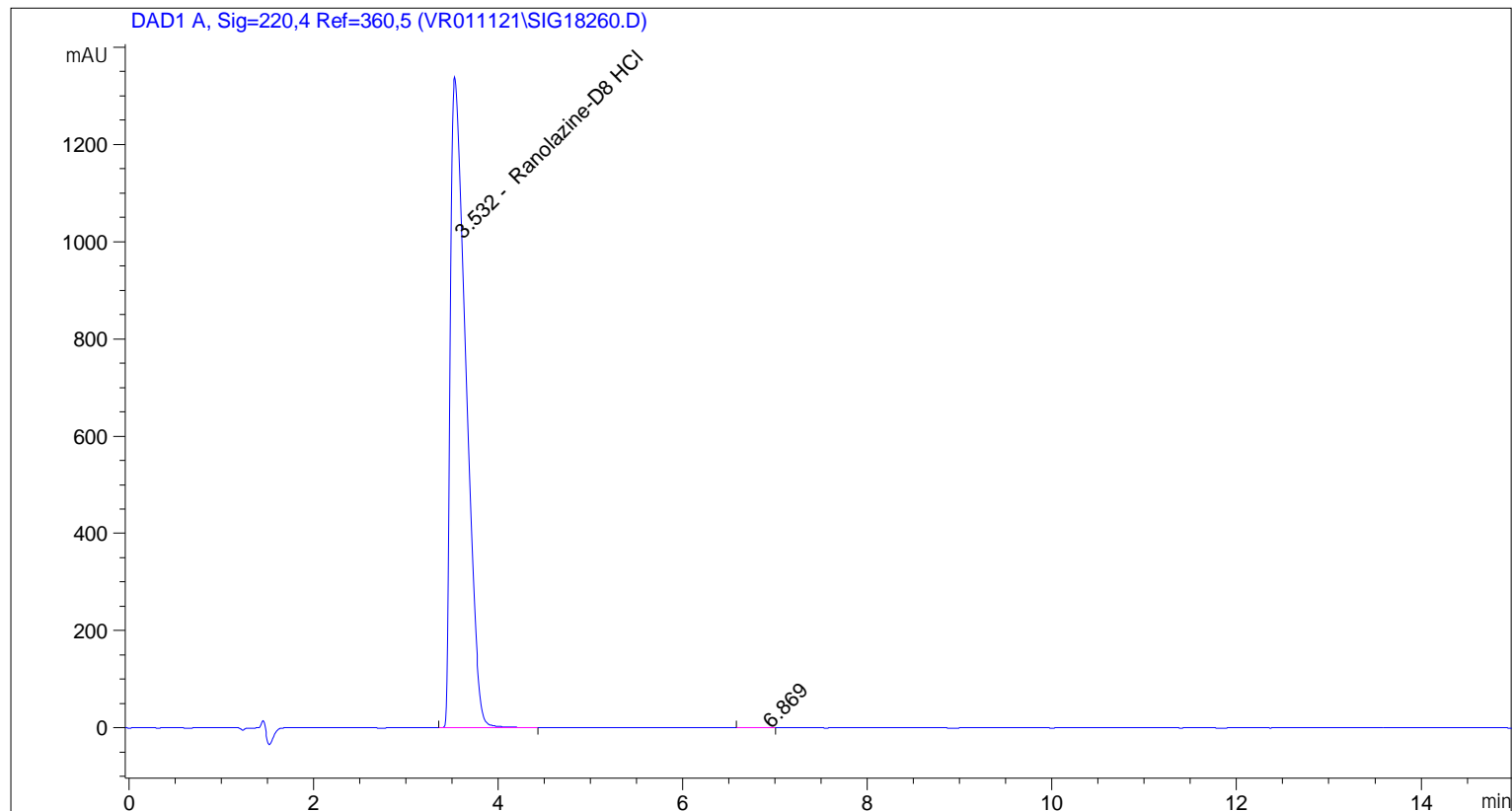
Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.534	VV	0.1820	1.52275e4	99.8856	Ranolazine-D8 HCl
2	6.893	VB	0.1837	17.43392	0.1144	?

Totals : 1.52449e4

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 31
Injection Date : 5/27/2021 9:11:54 AM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR052721_179.M
Last changed : 5/27/2021 9:11:10 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052721_179PM.M
Last changed : 5/27/2021 9:58:17 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 5/27/2021 9:58:09 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.532	BB	0.1844	1.58688e4	99.9154	Ranolazine-D8 HCl
2	6.869	BV	0.1571	13.43500	0.0846	?

Totals : 1.58822e4

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*** End of Report ***