

Name:	rac-O-Desmethyl Venlafaxine-D6 Succinate Hydrate
Lot#:	GR-9-263
Test Date:	11/16/2022 (re-test date: 11/16/2027)
CAS No.:	386750-22-7
MF:	C ₂₀ H ₂₇ D ₆ NO ₇
MW:	405.52
Appearance:	White solid
Purity:	99.6% HPLC (average of two sample preparations); 99% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 270.22 [M _(free base) +H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

Approved by:

Date: 11/16/2022



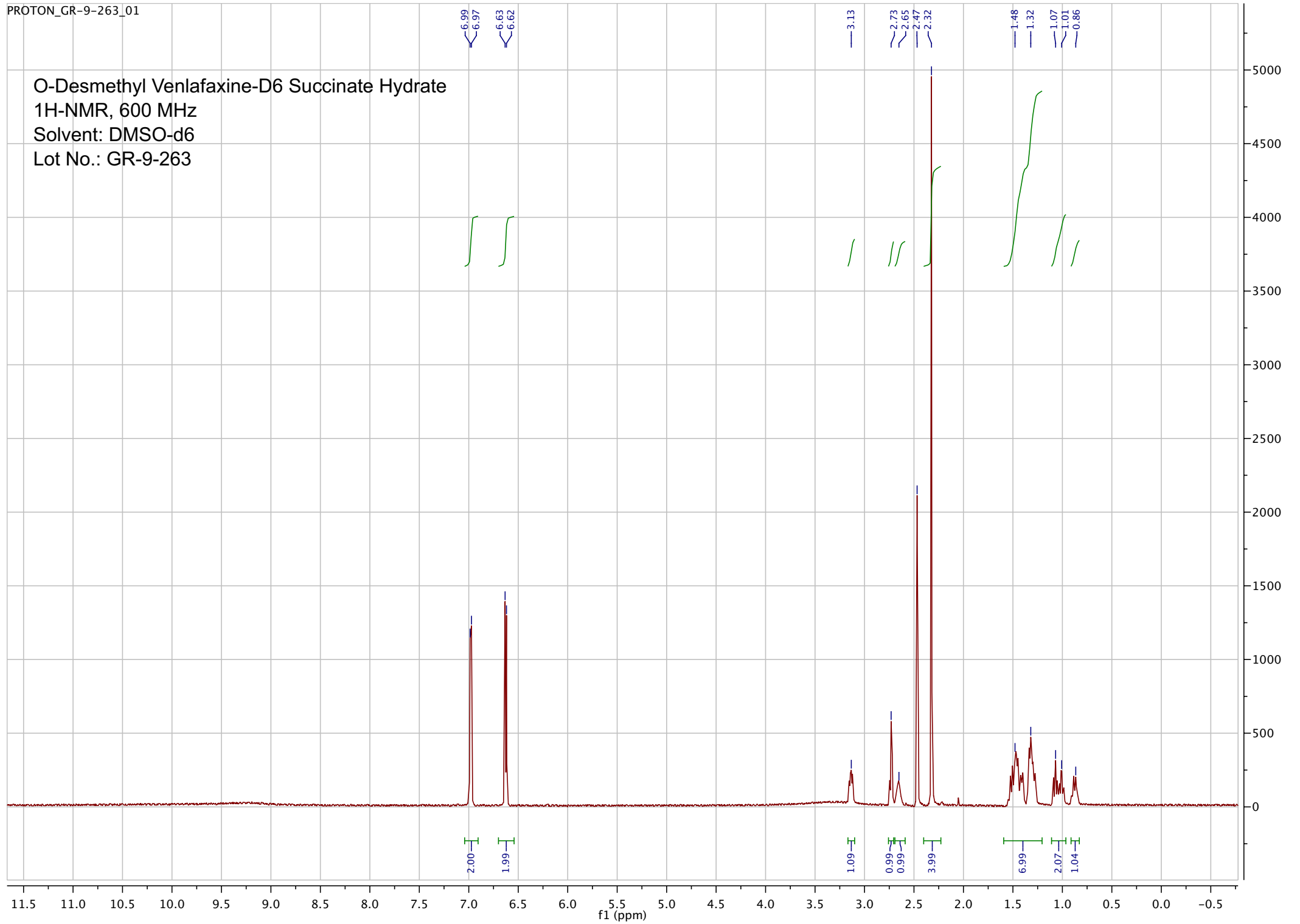
Viorica Rusu, QC/QA Manager

O-Desmethyl Venlafaxine-D6 Succinate Hydrate

1H-NMR, 600 MHz

Solvent: DMSO-d6

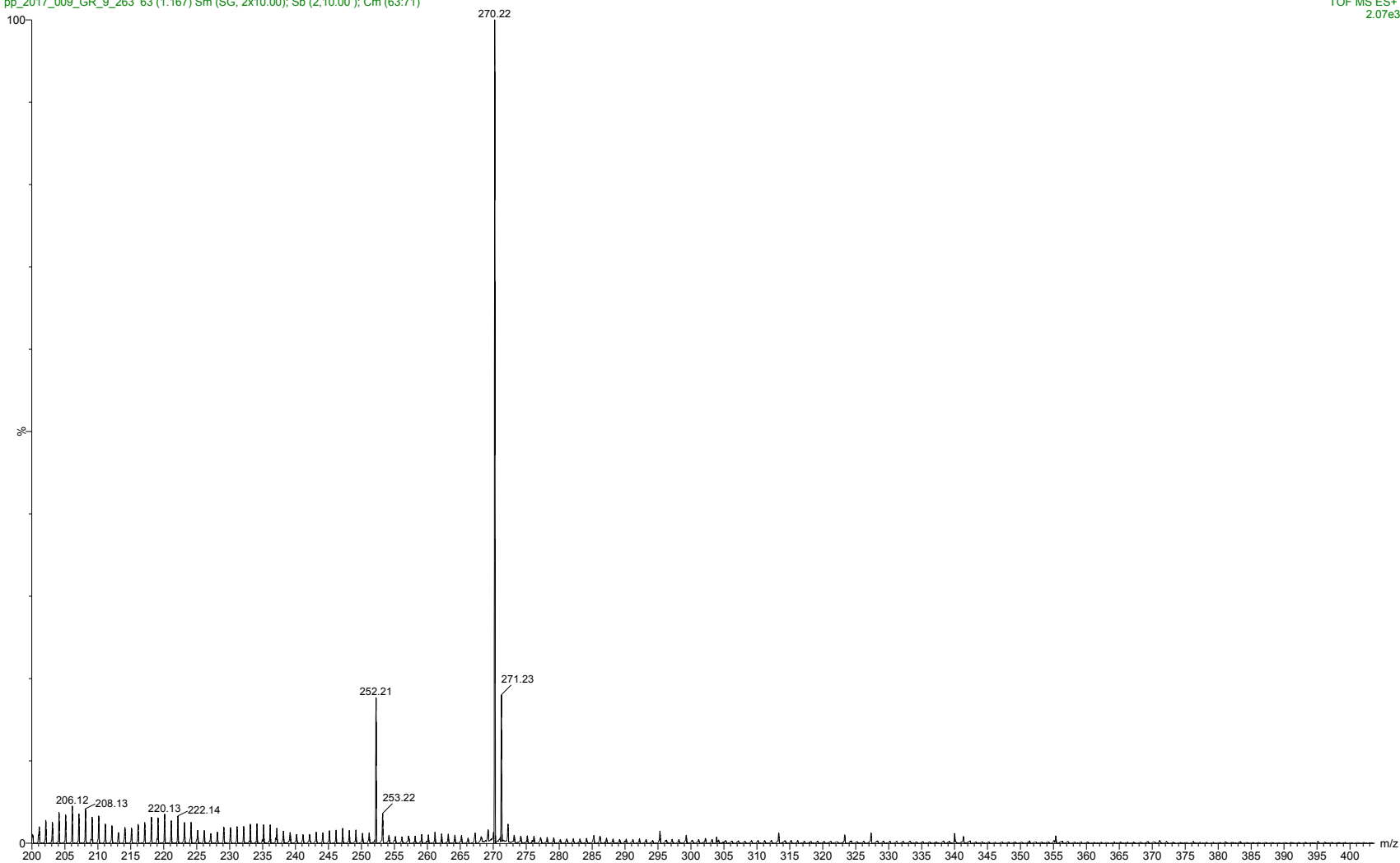
Lot No.: GR-9-263



pp_2017_009_GR_9_263 63 (1.167) Sm (SG, 2x10.00); Sb (2,10.00); Cm (63:71)

7.0000000

TOF MS ES+
2.07e3

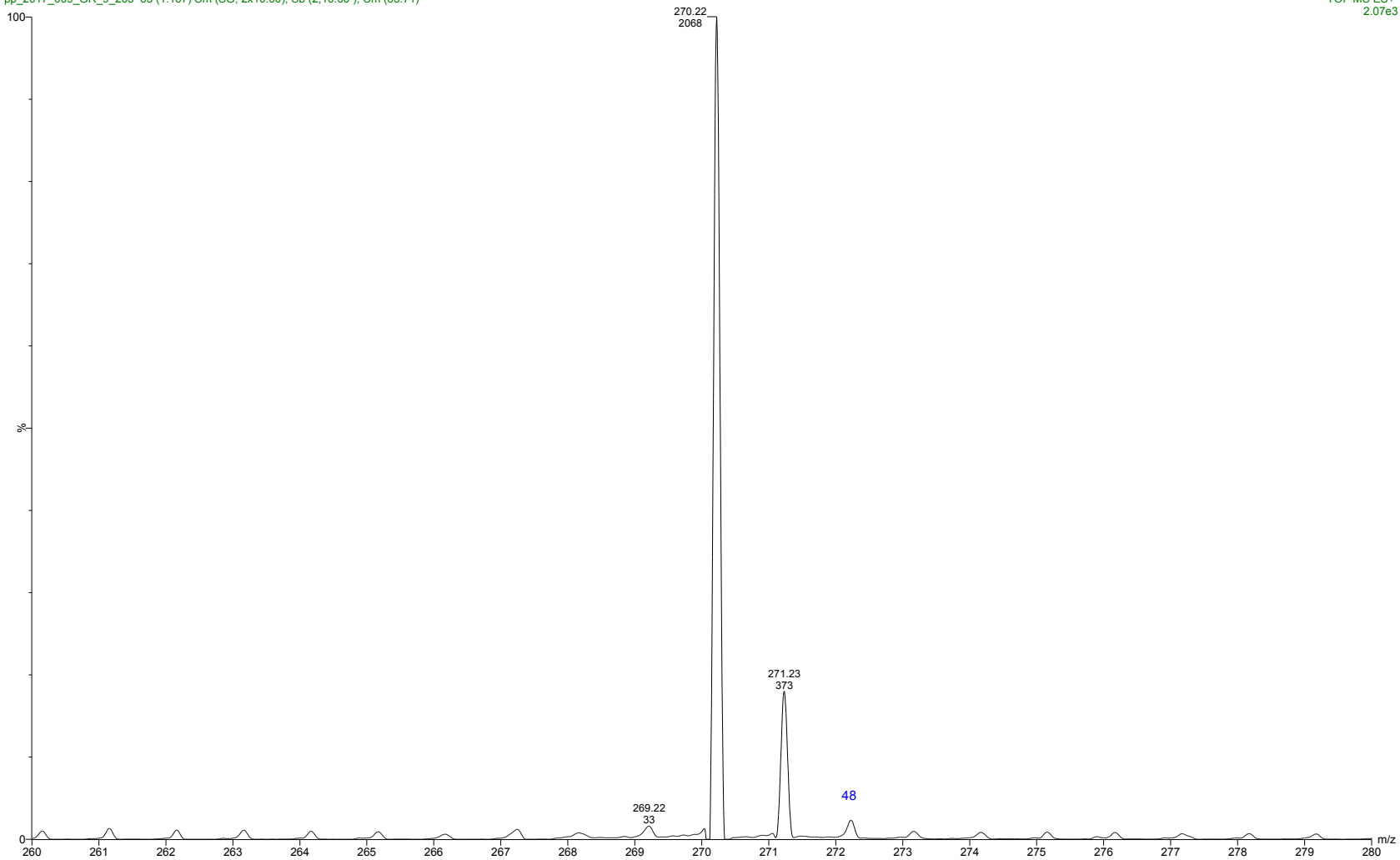


ESI-MS spectrum for sample GR-9-263. Shows monoisotopic [M+H]⁺ mass.

pp_2017_009_GR_9_263 63 (1.167) Sm (SG, 2x10.00); Sb (2,10.00); Cm (63:71)

7.0000000

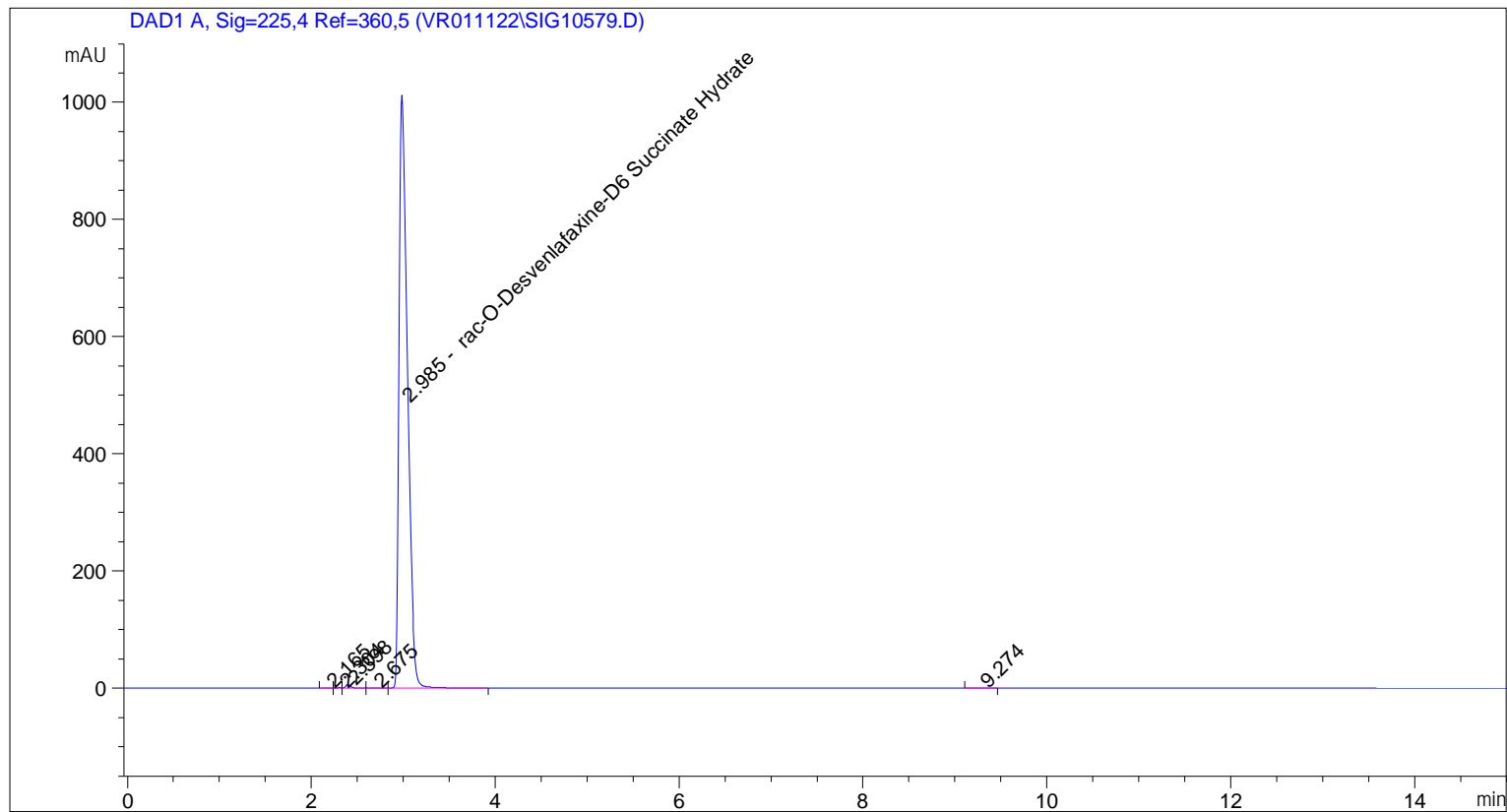
TOF MS ES+
2.07e3



Expansion of above showing intensities.

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 14
Injection Date  : 11/16/2022 1:00:41 PM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR111622_263.M
Last changed   : 11/16/2022 12:59:40 PM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR111622_263PM.M
Last changed   : 11/16/2022 2:59:43 PM by vrusu
  
```



Area Percent Report

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Sorted By      : Signal
Calib. Data Modified : 11/16/2022 2:54:13 PM
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
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Signal 1: DAD1 A, Sig=225,4 Ref=360,5

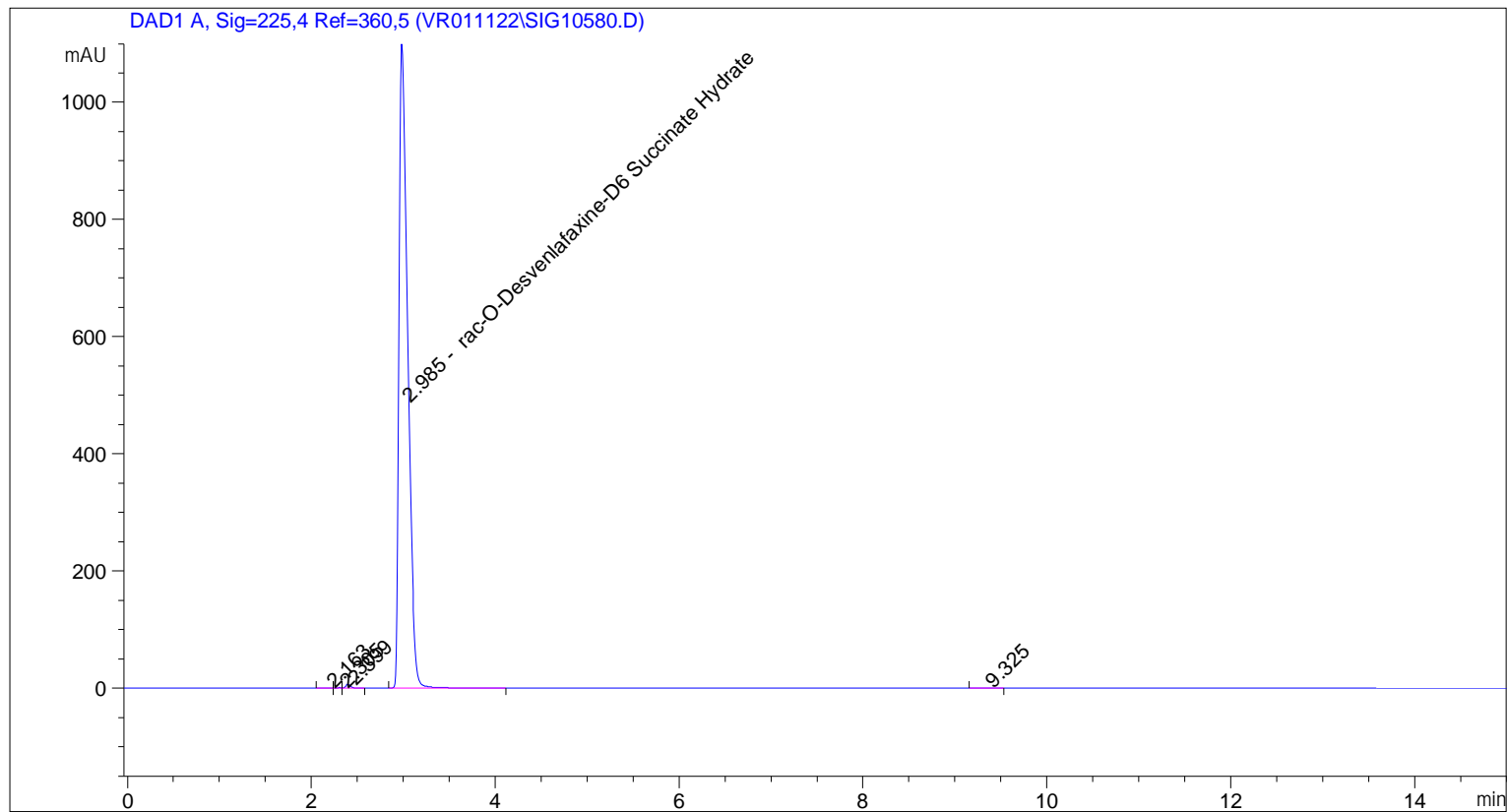
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.165	BV	0.0573	1.05727	0.0166	?
2	2.304	VV	0.0495	2.06596	0.0324	?
3	2.398	VB	0.0589	22.88470	0.3592	?
4	2.675	BV	0.0965	1.33463	0.0209	?
5	2.985	VB	0.0951	6343.15088	99.5522	rac-O-Desvenlafaxine-D6 Succinate Hydrate
6	9.274	BB	0.1273	1.18904	0.0187	?

Totals : 6371.68248

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 15
Injection Date : 11/16/2022 1:20:14 PM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR111622_263.M
Last changed : 11/16/2022 1:19:11 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111622_263PM.M
Last changed : 11/16/2022 2:59:43 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 11/16/2022 2:54:13 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=225,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.163	BV	0.0530	1.33067	0.0185	?
2	2.305	VV	0.0485	2.20002	0.0306	?
3	2.399	VB	0.0585	25.55638	0.3557	?
4	2.985	VB	0.0978	7154.43115	99.5767	rac-O-Desvenlafaxine-D6 Succinate Hydrate
5	9.325	BB	0.1364	1.32408	0.0184	?

Totals : 7184.84230

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*** End of Report ***