

Name: *rac*-O-Desmethyl Venlafaxine-D10

Lot#: GR-9-045

Test Date: 04/14/2021 (re-test date: 04/14/2026)

CAS No.: 1062607-49-1

MF: C₁₆H₁₅D₁₀NO₂

MW: 273.44

Appearance: White Solid

Purity: 99.5% by HPLC (average of two sample preparations); 99% atom D

¹H-NMR: Conforms

MS-ESI (+) Conforms (shows peak at m/z = 274.26 [M+H]⁺)

Storage Store at -18°C in a dry place away from direct sunlight

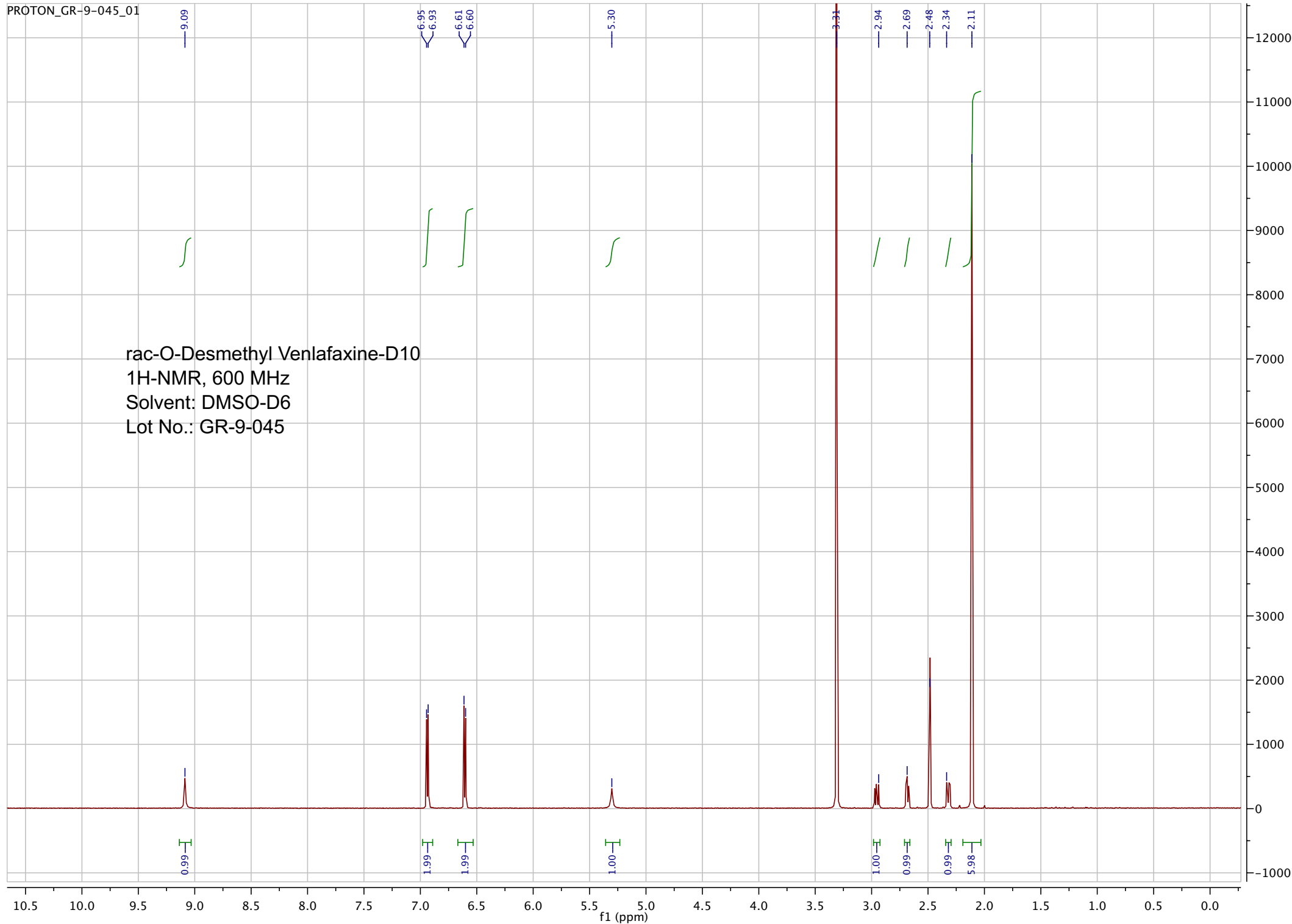
Approved by:

Date: 04/14/2021



Viorica Rusu, QC/QA Manager

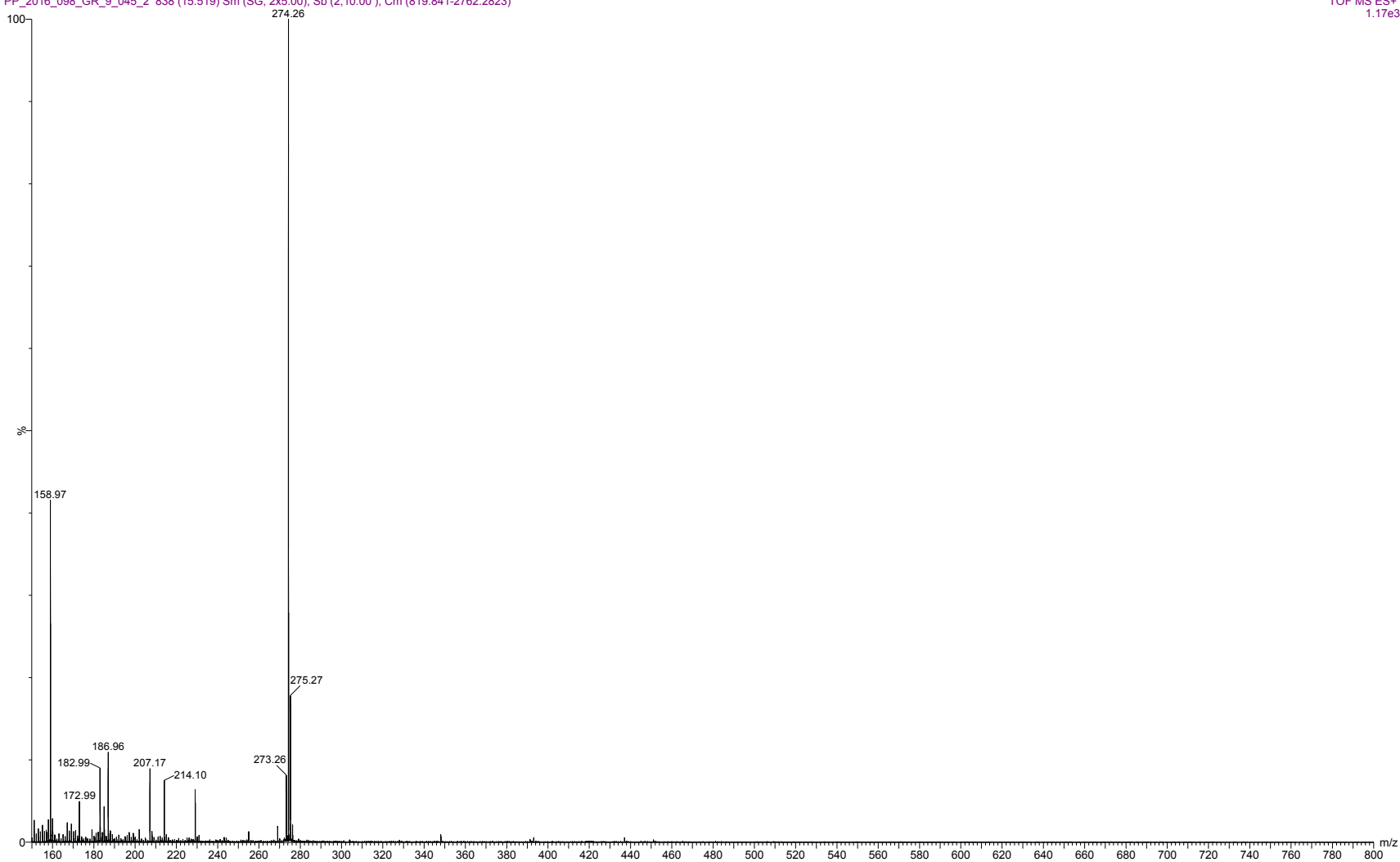
rac-O-Desmethyl Venlafaxine-D10
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-9-045



PP_2016_098_GR_9_045_2 838 (15.519) Sm (SG, 2x5.00); Sb (2,10.00); Cm (819:841-2762:2823)

7.00000000

27-Sep-2016, 12:28:14
TOF MS ES+
1.17e3



ESI-MS spectrum for sample GR-9-045. Shows monoisotopic $[M+H]^+$ mass.

PP_2016_098_GR_9_045_2 838 (15.519) Sm (SG, 2x5.00); Sb (2,10.00); Cm (819;841-2762;2823)

27-Sep-2016, 12:28:14
TOF MS ES+
1.17e3

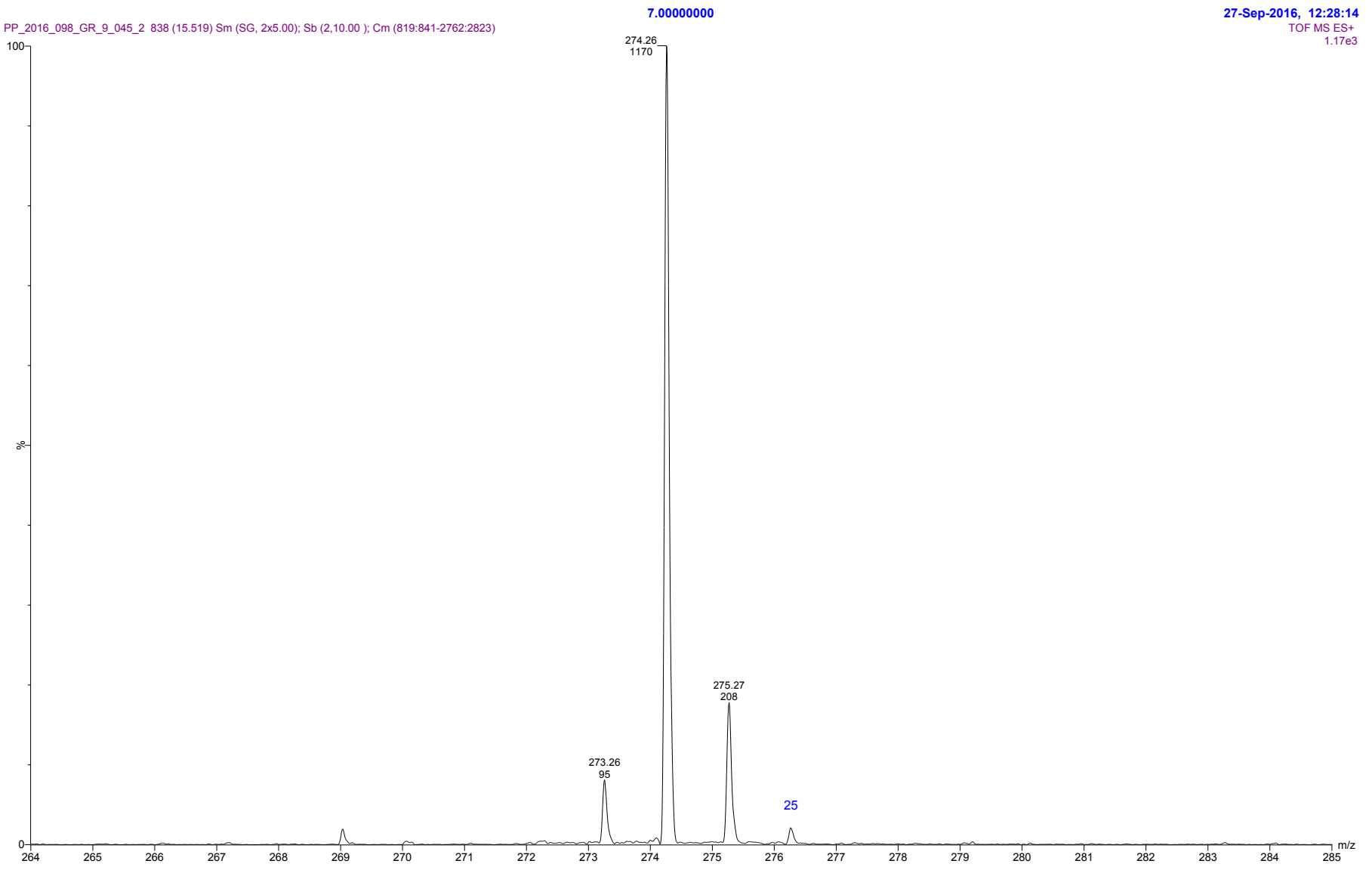
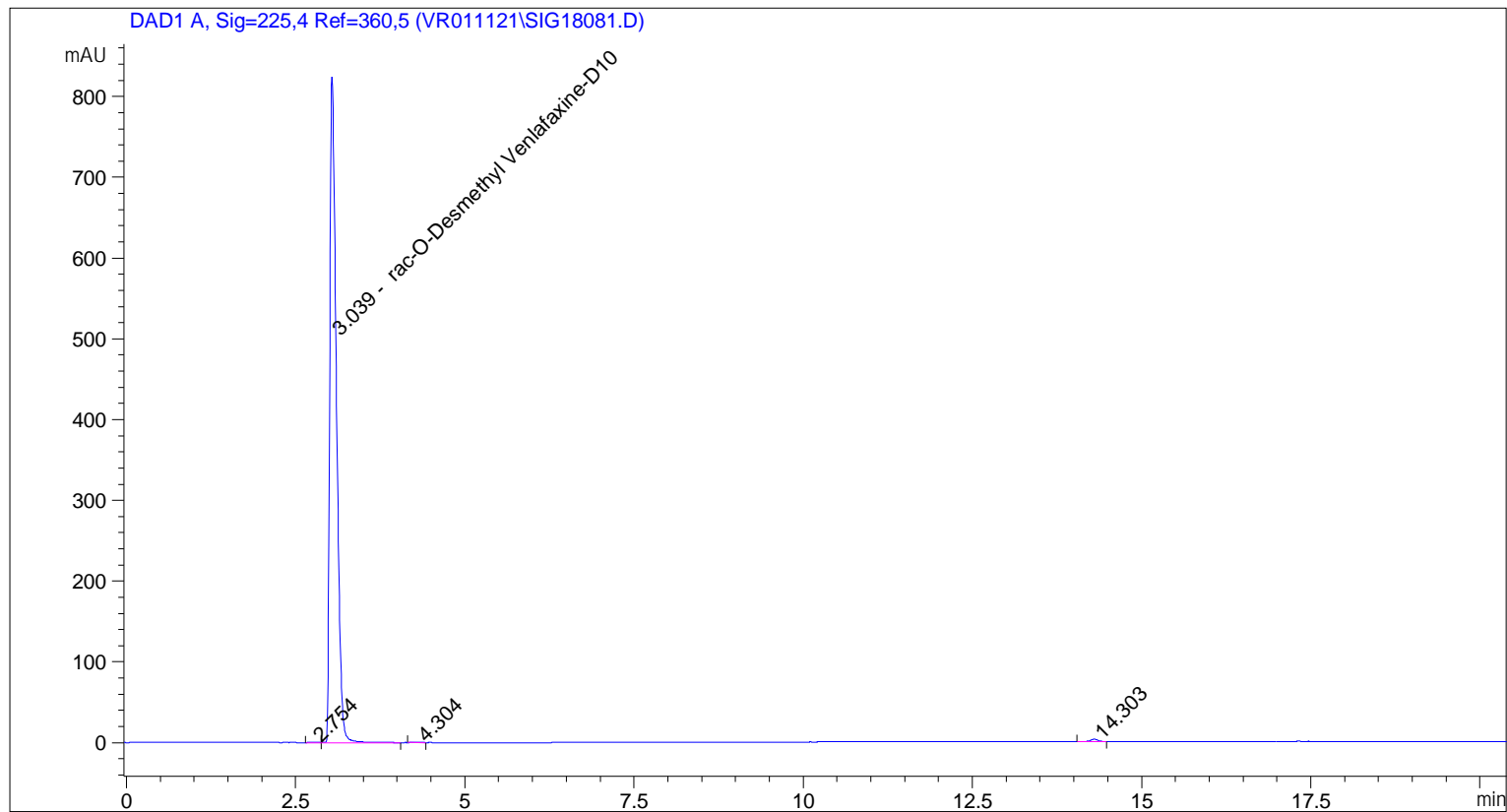


Figure 1 Expansion of above.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 84
Injection Date : 4/14/2021 1:43:20 PM Inj Volume : 7.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041421_045.M
Last changed : 4/14/2021 1:42:24 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR041421_045PM.M
Last changed : 4/14/2021 3:15:35 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/14/2021 3:15:14 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

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

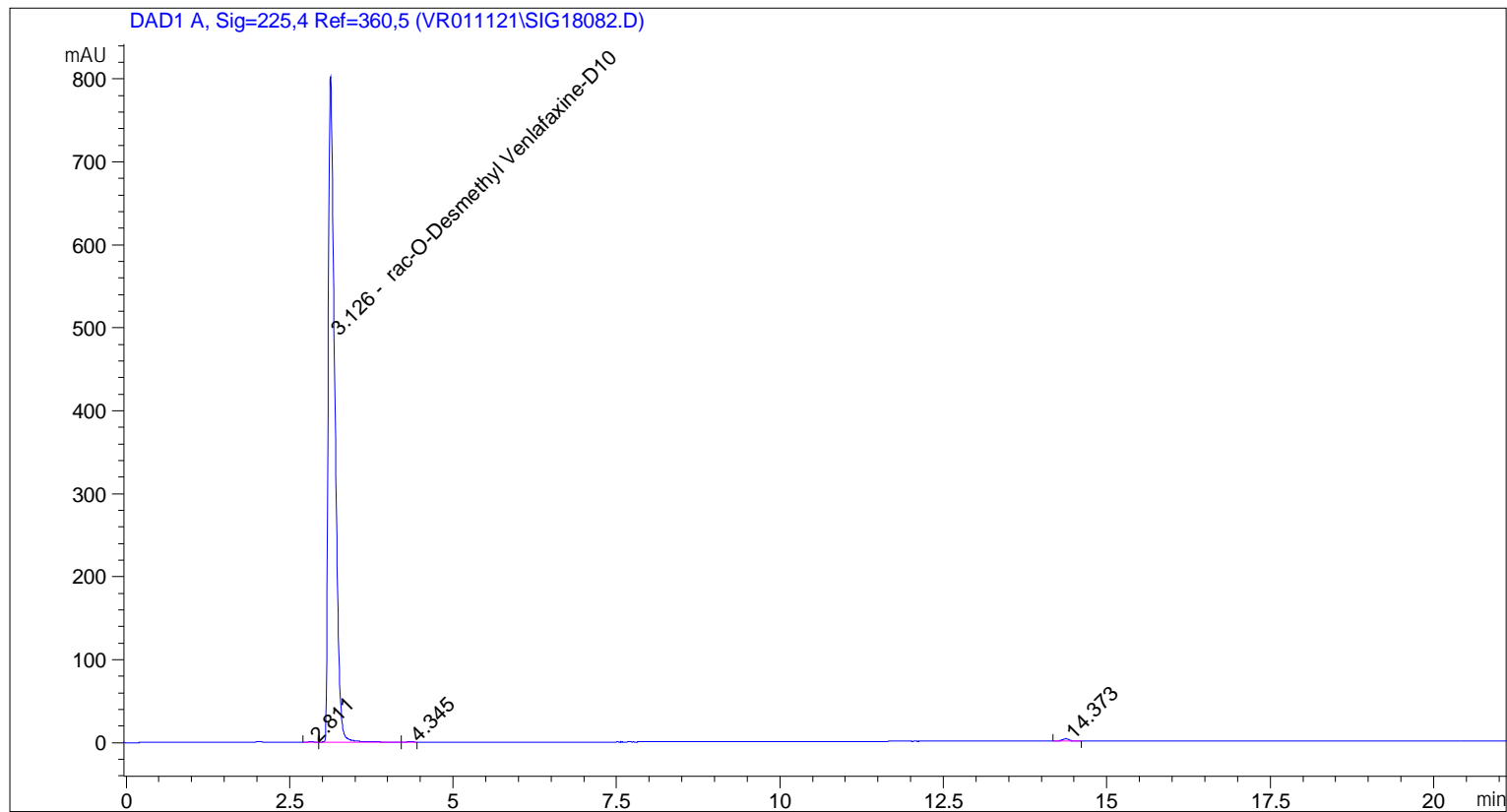
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.754	BV	0.1121	2.00169	0.0357	?
2	3.039	VB	0.1049	5576.31885	99.4697	rac-O-Desmethyl Venlafaxine-D10
3	4.304	BB	0.0983	4.42648	0.0790	?
4	14.303	BB	0.1174	23.30227	0.4157	?

Totals : 5606.04928

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 85
Injection Date : 4/14/2021 2:08:51 PM Inj Volume : 7.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041421_045.M
Last changed : 4/14/2021 2:07:55 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR041421_045PM.M
Last changed : 4/14/2021 3:15:35 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/14/2021 3:15:14 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	2.811	BB	0.0918	1.44119	0.0258	?
2	3.126	BB	0.1068	5558.33008	99.5198	rac-O-Desmethyl Venlafaxine-D10
3	4.345	BB	0.0928	3.23105	0.0579	?
4	14.373	BB	0.1123	22.14756	0.3965	?

Totals : 5585.14988

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*** End of Report ***