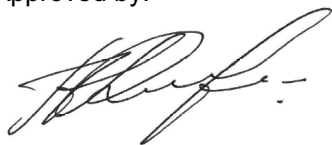


Name:	Lovastatin Isobutyl Ester (Lovastatin Related Compound 8)
Lot#:	GR-15-077
Test Date:	08/27/2020 (re-test date: 08/27/2025)
CAS No.:	NA
MF:	C ₂₈ H ₄₆ O ₆
MW:	478.66
Appearance:	Off-white wax like solid
Purity:	99.6% by HPLC
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 479.33 [M+H] ⁺)
Storage	Long term store at -20°C in a dry place away from direct sunlight

Approved by:

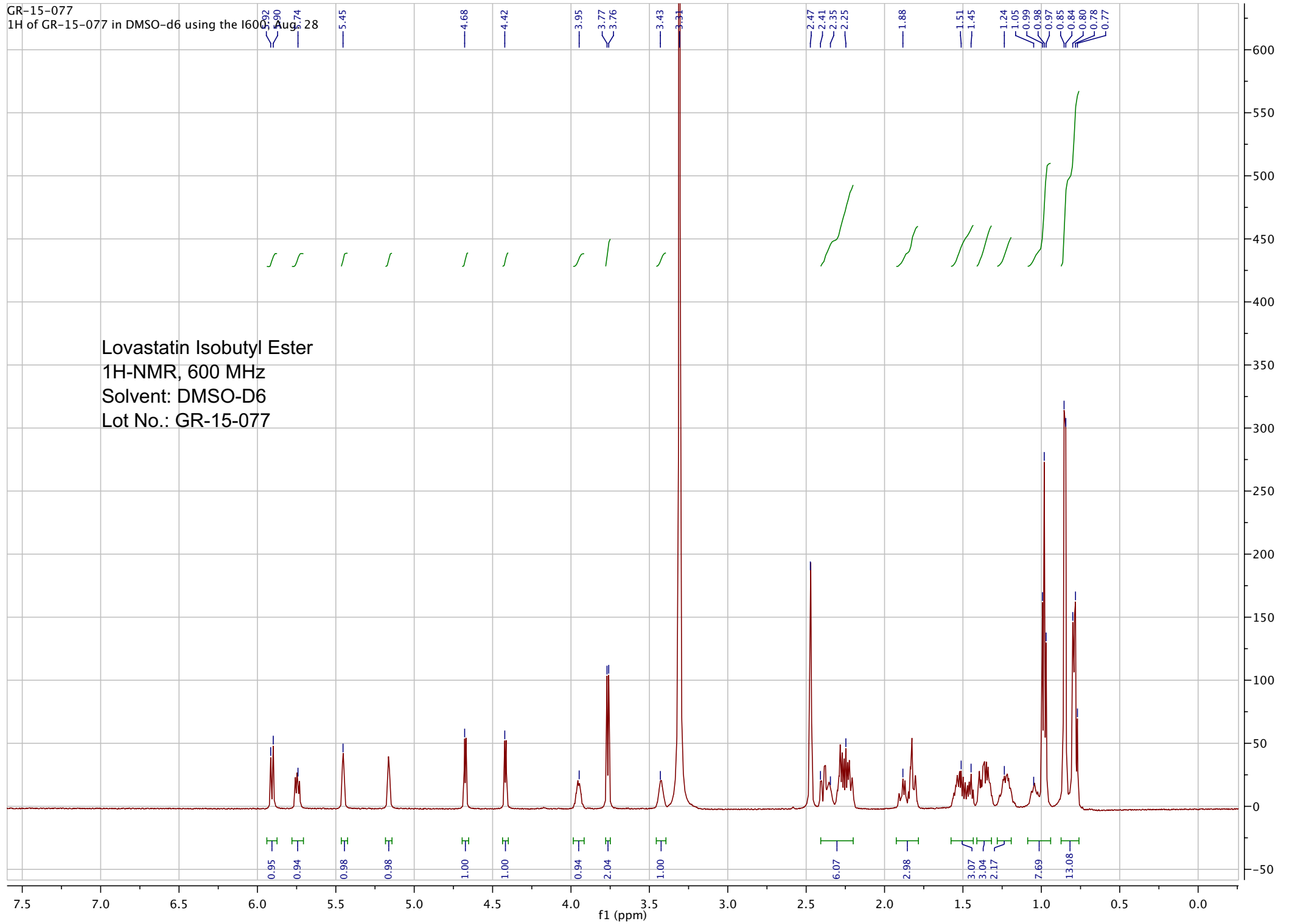
Date: 08/28/2020



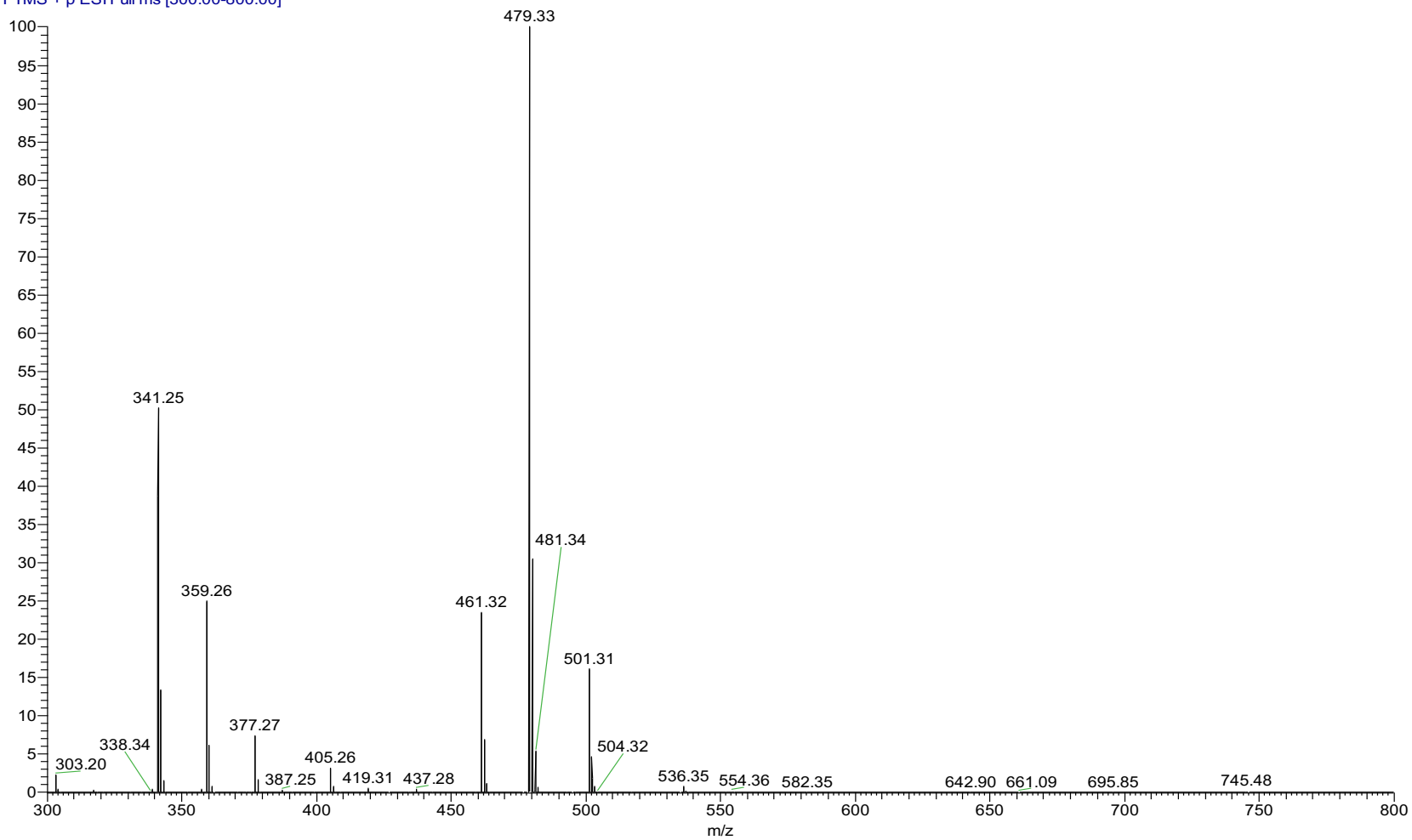
Viorica Rusu, QC/QA Manager

GR-15-077
1H of GR-15-077 in DMSO-d6 using the I600, Aug. 28

Lovastatin Isobutyl Ester
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-15-077

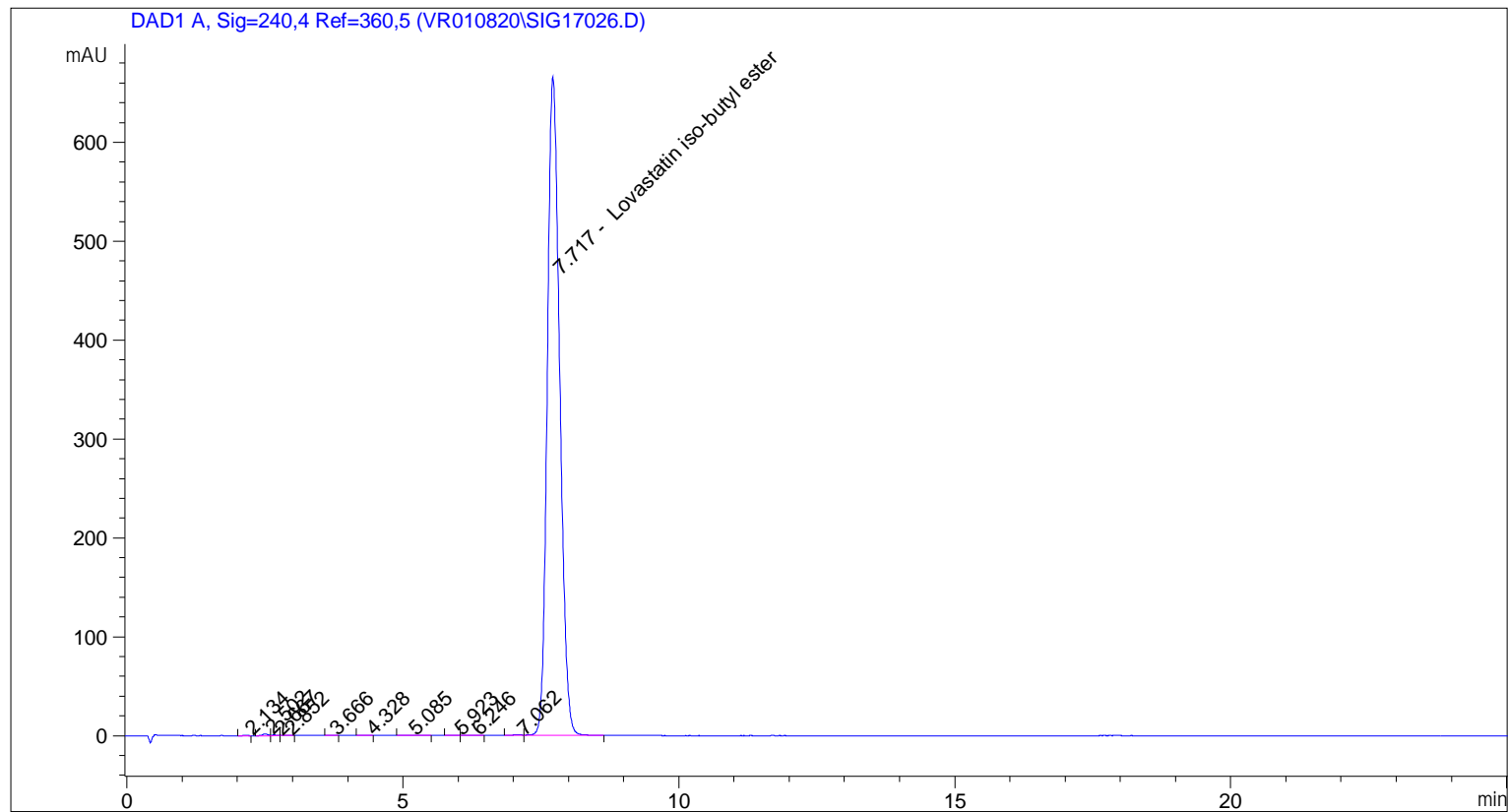


pp_2020_023_GR_15_077_001#449 RT: 1.92 AV: 1 NL: 2.40E8
T: FTMS + p ESI Full ms [300.00-800.00]



ESI-MS spectrum for sample GR-15-077. Shows monoisotopic $[M+H]^+$ mass.

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 46
Injection Date : 8/27/2020 1:17:56 PM Inj Volume : 13.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR_082720_077.M
Last changed : 8/27/2020 1:16:56 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR082720_077PM.M
Last changed : 8/27/2020 3:15:15 PM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 8/27/2020 3:15:08 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.134	BB	0.0893	8.58111e-1	8.193e-3	?
2	2.502	BV	0.0930	11.59796	0.1107	?
3	2.667	VV	0.1028	4.86768	0.0465	?
4	2.852	VB	0.0862	1.69146	0.0161	?
5	3.666	VB	0.1057	1.24935	0.0119	?
6	4.328	BV	0.1195	1.87688	0.0179	?
7	5.085	BB	0.1629	5.22003	0.0498	?
8	5.923	BB	0.1416	1.25914	0.0120	?

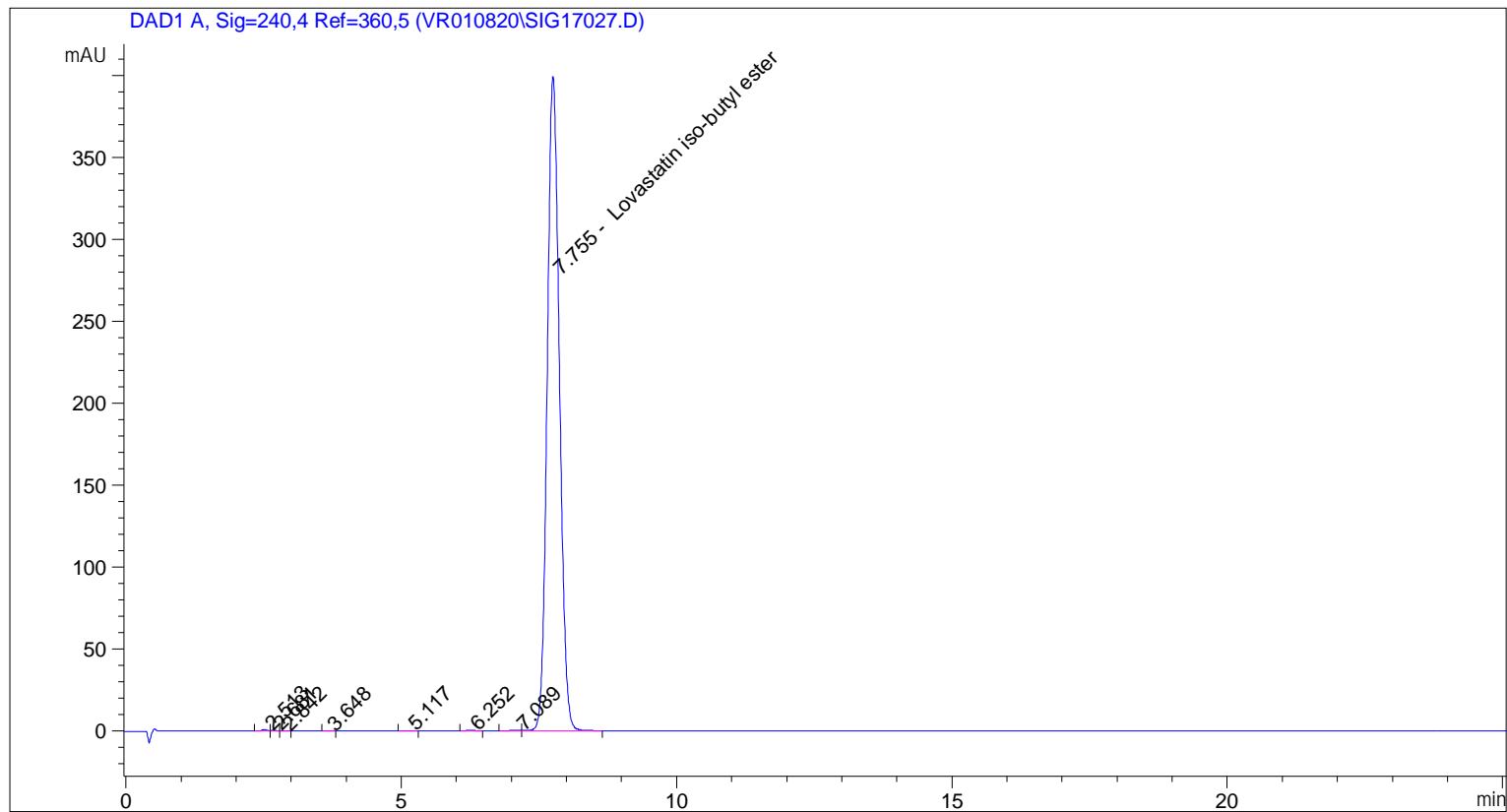
Sample Name: GR-15-077

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	6.246	BB	0.1500	5.68485	0.0543	?
10	7.062	BV	0.1846	9.26587	0.0885	?
11	7.717	VB	0.2447	1.04301e4	99.5840	Lovastatin iso-butyl ester

Totals : 1.04737e4

=====
*** End of Report ***

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 47
Injection Date : 8/27/2020 1:54:56 PM Inj Volume : 13.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR_082720_077.M
Last changed : 8/27/2020 1:53:46 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR082720_077PM.M
Last changed : 8/27/2020 3:15:15 PM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 8/27/2020 3:15:08 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.513	BV	0.0916	5.89391	0.0954	?
2	2.681	VV	0.0902	2.63489	0.0426	?
3	2.842	VB	0.0916	9.89877e-1	0.0160	?
4	3.648	BB	0.0976	1.02062	0.0165	?
5	5.117	BB	0.1249	1.86311	0.0301	?
6	6.252	BB	0.1420	3.47977	0.0563	?
7	7.089	BV	0.1721	6.46692	0.1046	?
8	7.755	VB	0.2401	6158.78809	99.6384	Lovastatin iso-butyl ester

Sample Name: GR-15-077

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
Totals :				6181.13718		

=====
*** End of Report ***