

Name:	<i>syn/anti</i>-17-Desacetyl Norgestimate-D6 (major)
Lot#:	GR-17-135
Test Date:	04/19/2022 (re-test date: 04/19/2027)
CAS No.:	1263184-13-9
MF:	C ₂₁ H ₂₃ D ₆ NO ₂
MW:	333.41
Appearance:	Off-White Solid
Purity:	100% by HPLC (sum of <i>syn</i> - and <i>anti</i> - isomers; average of two sample preparations); >98% atom D
¹H-NMR:	Conforms (contains a trace of MeOH)
MS-ESI (+)	Conforms (shows peak at m/z = 334.27 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

Approved by:

Date: 04/21/2022



Viorica Rusu, QC/QA Manager

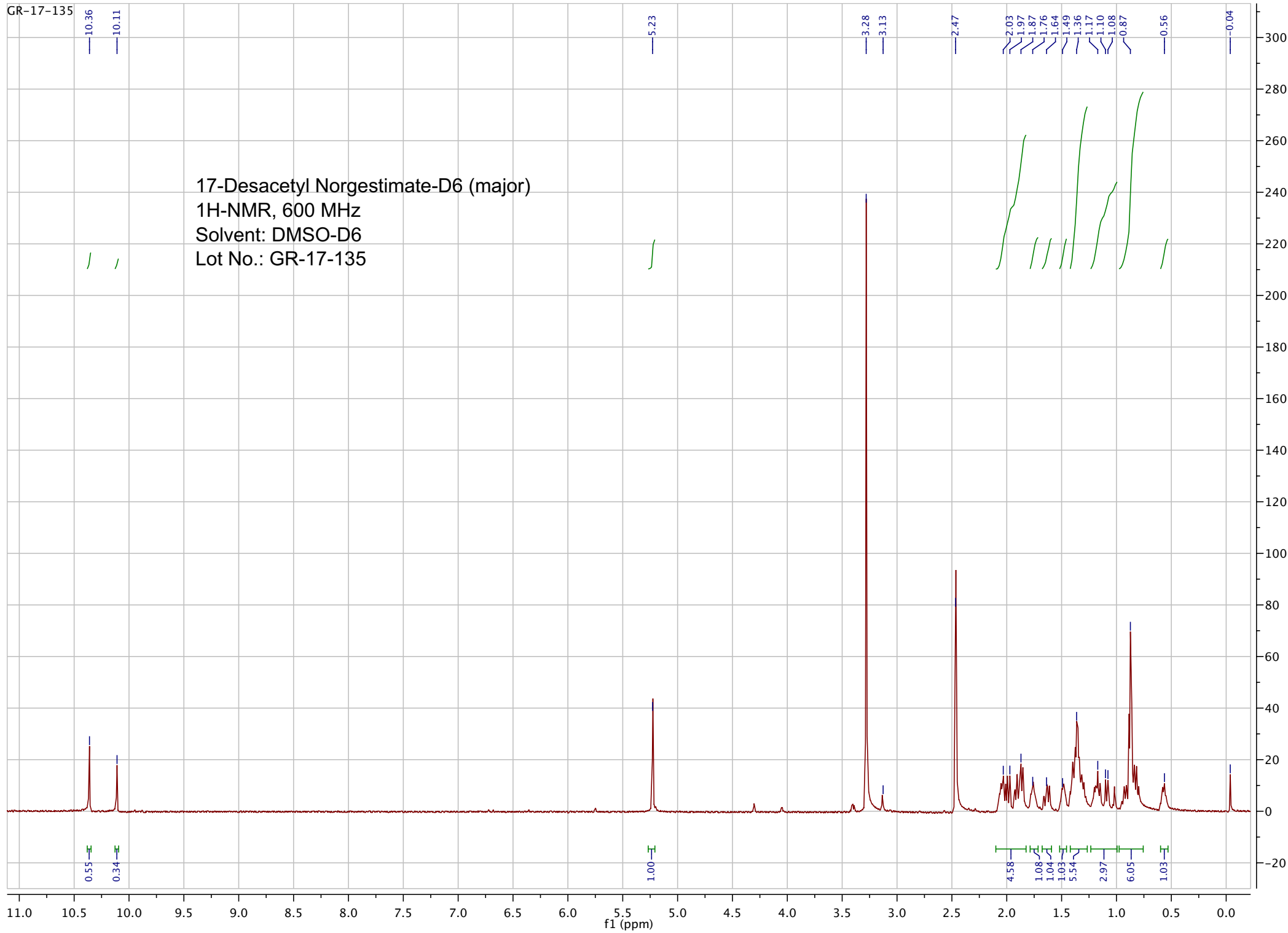
GR-17-135

17-Desacetyl Norgestimate-D6 (major)

1H-NMR, 600 MHz

Solvent: DMSO-D6

Lot No.: GR-17-135

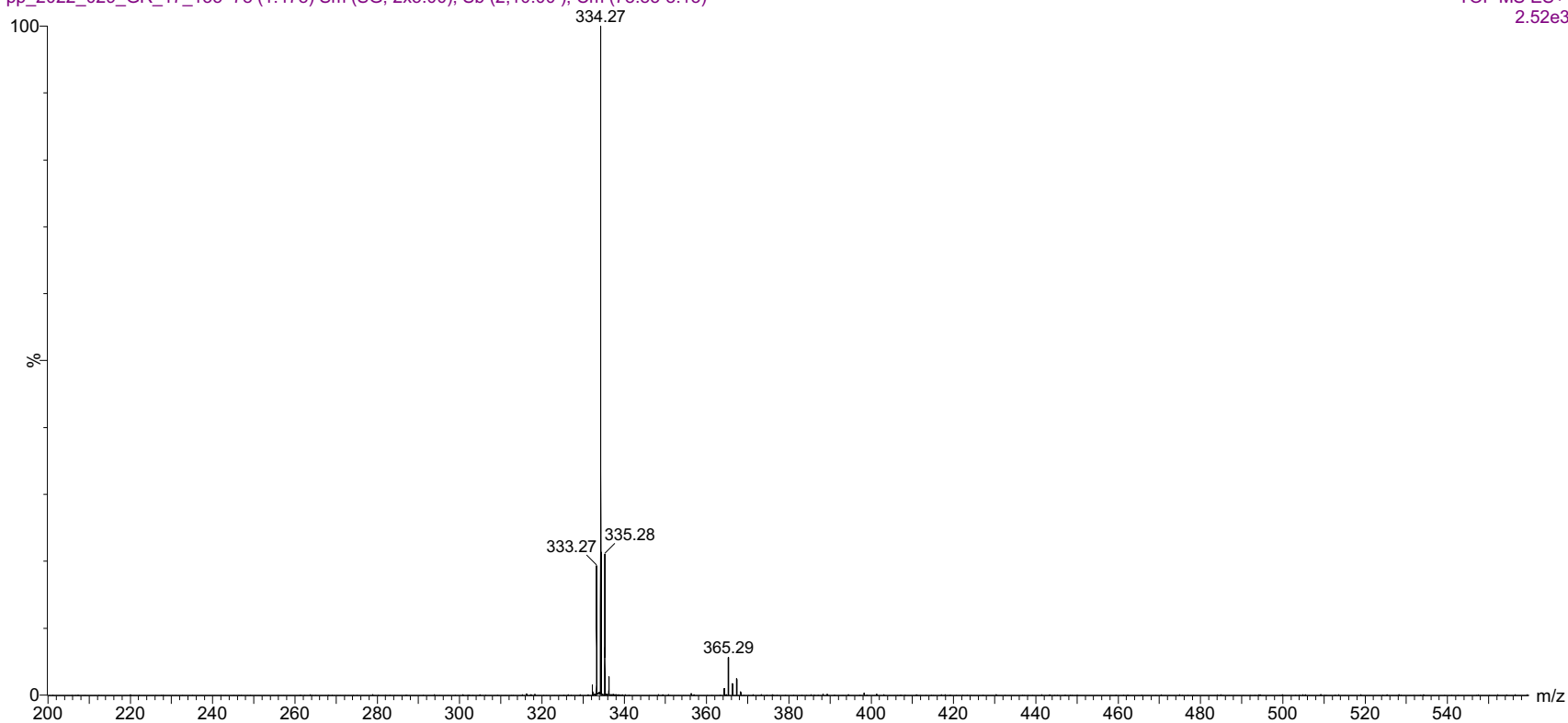


8.0000000

21-Apr-2022, 15:48:39

TOF MS ES+
2.52e3

pp_2022_029_GR_17_135 78 (1.478) Sm (SG, 2x5.00); Sb (2,10.00); Cm (78:83-8:13)

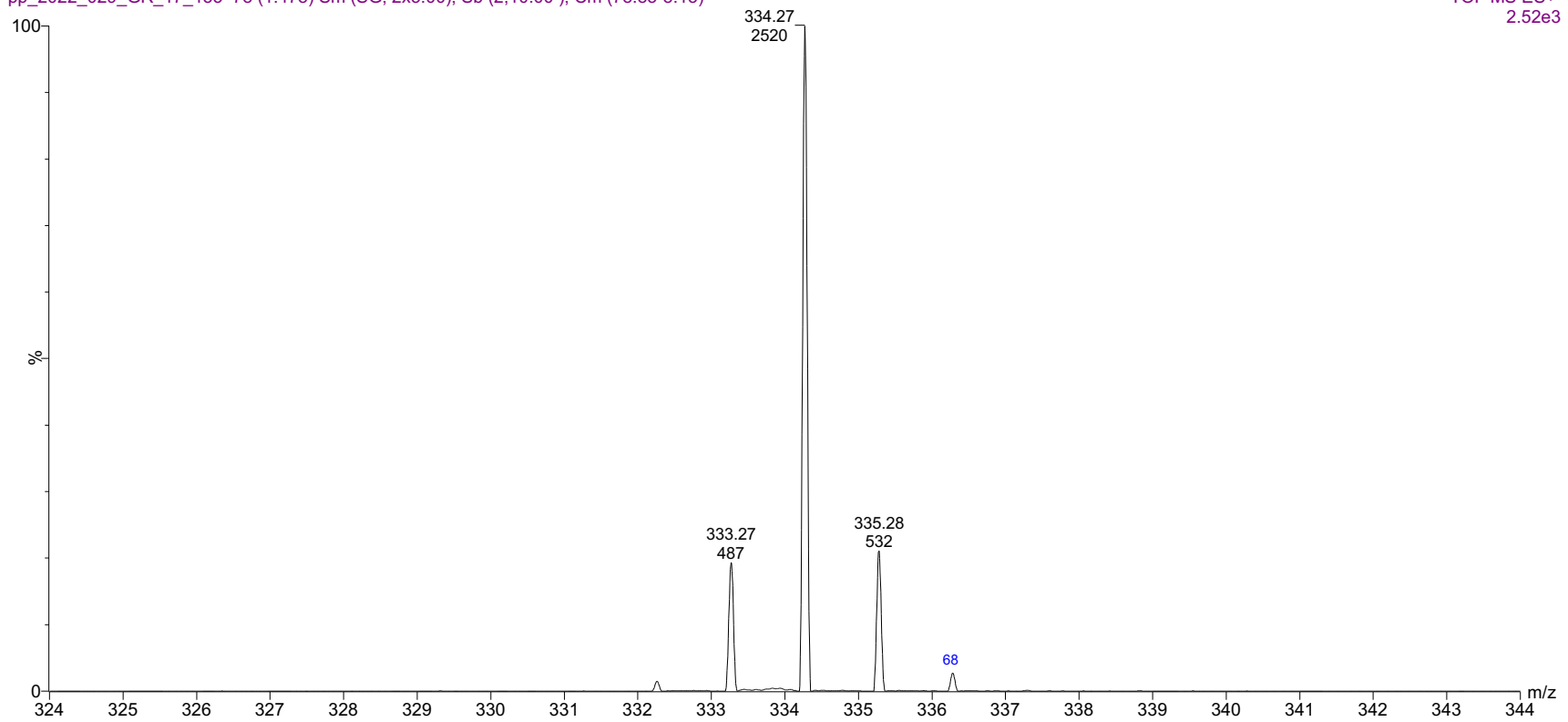


ESI-MS spectrum for sample GR-17-135. Shows monoisotopic [M+H]⁺ mass.

pp_2022_029_GR_17_135 78 (1.478) Sm (SG, 2x5.00); Sb (2,10.00); Cm (78:83-8:13)

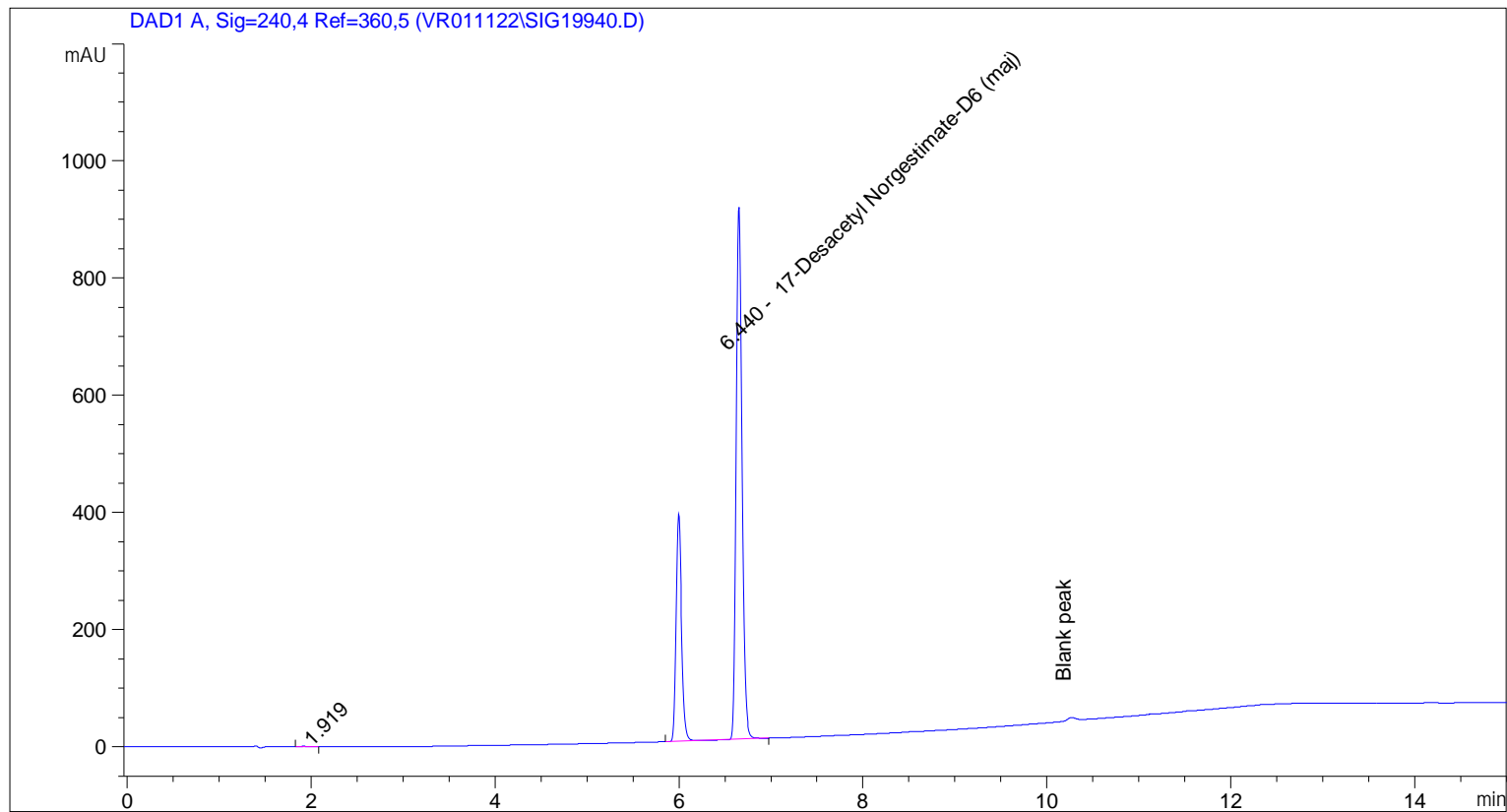
8.00000000

21-Apr-2022, 15:48:39
TOF MS ES+
2.52e3



Expansion of above showing intensity labels.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 52
Injection Date : 4/19/2022 9:36:51 AM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041922_135.M
Last changed : 4/19/2022 9:35:51 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR041922_135PM.M
Last changed : 4/19/2022 2:34:38 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/19/2022 2:33:12 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

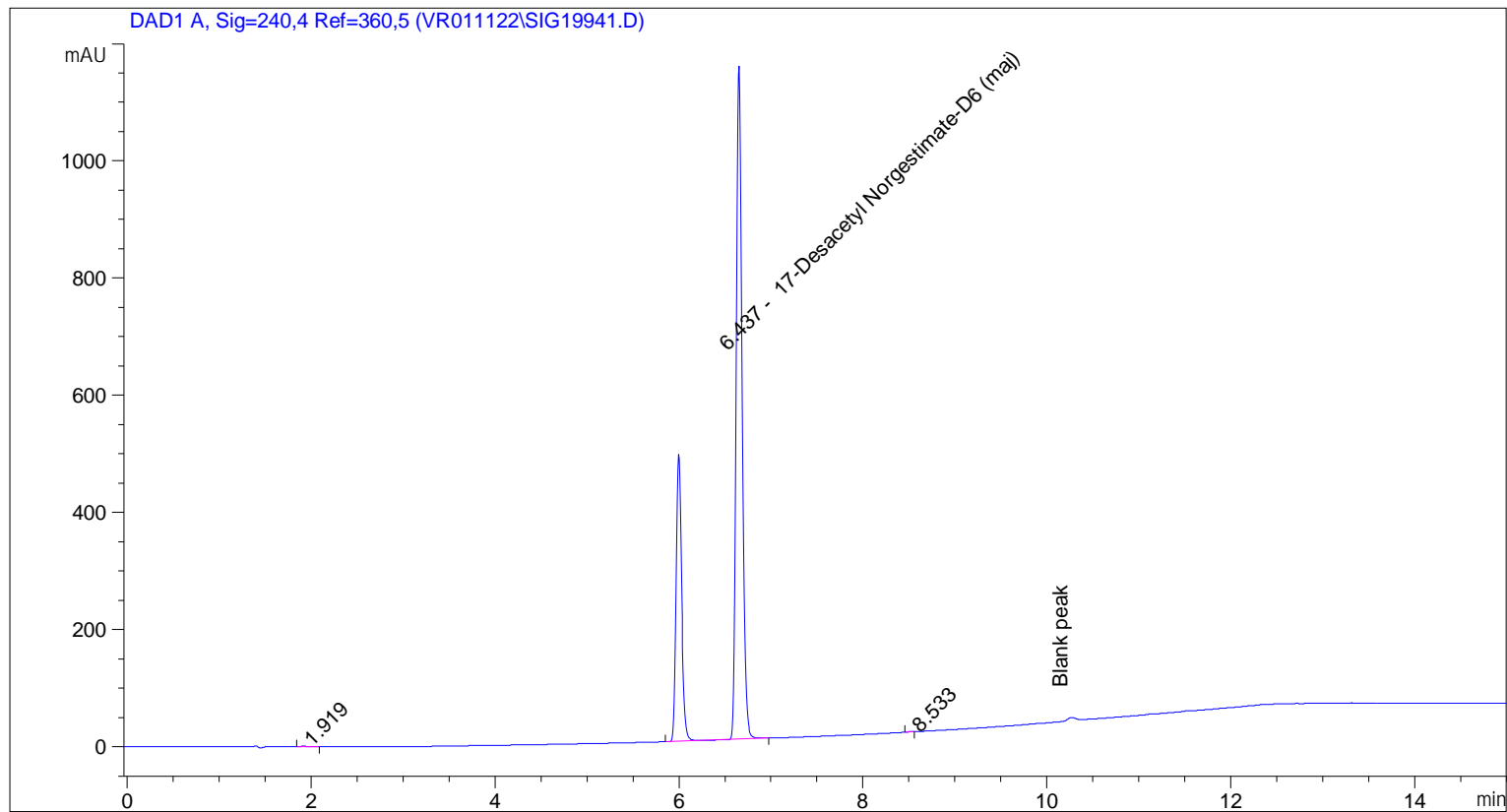
Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.919	BB	0.0713	1.44415	0.0258	?
2	6.440	BBA+	0.1027	5600.80859	99.9742	17-Desacetyl Norgestimate-D6 (maj)

Totals : 5602.25274

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 53
Injection Date : 4/19/2022 9:57:06 AM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041922_135.M
Last changed : 4/19/2022 9:56:11 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR041922_135PM.M
Last changed : 4/19/2022 2:34:38 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/19/2022 2:33:12 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	1.919	BB	0.0688	1.76104	0.0249	?
2	6.437	BBA+	0.1025	7070.40625	99.9555	17-Desacetyl Norgestimate-D6 (maj)
3	8.533	BB	0.0651	1.38567	0.0196	?

Totals : 7073.55296