

Name:	Hydroxy Bupropion-D6
Lot#:	GR-8-145
Test Date:	05/26/2021 (re-test date: 05/26/2026)
CAS No.:	1216893-18-3
MF:	C ₁₃ H ₁₂ D ₆ ClNO ₂
MW:	261.78
Appearance:	White solid
Purity:	99.5% by HPLC (average of two sample preparations); 99% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peaks at m/z = 262.15, 264.15 [M+H] ⁺ , shows expected isotope pattern for mono-chloro compounds)
Storage	Store at -18°C in a dry place away from direct sunlight

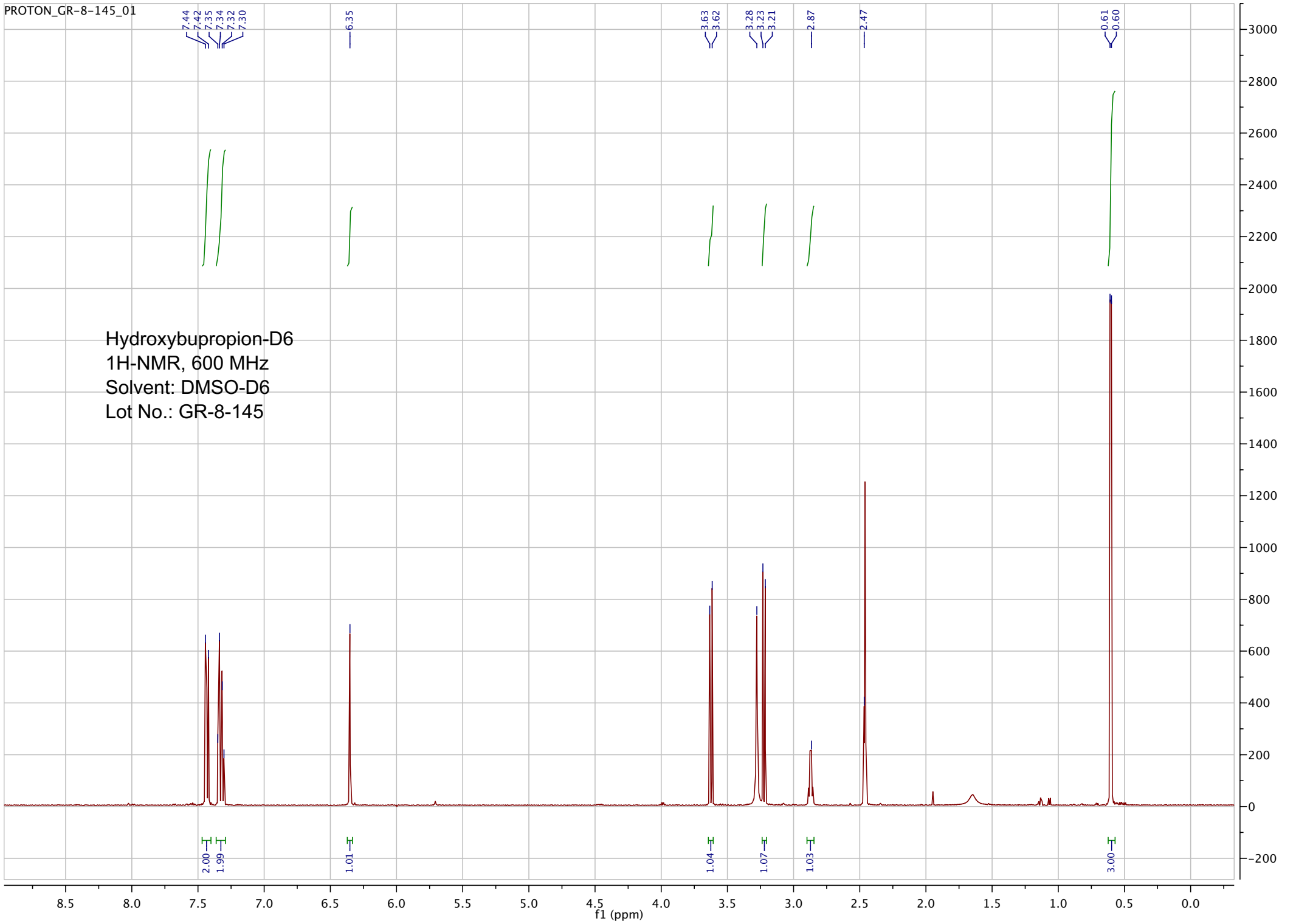
Approved by:

Date: 05/26/2021



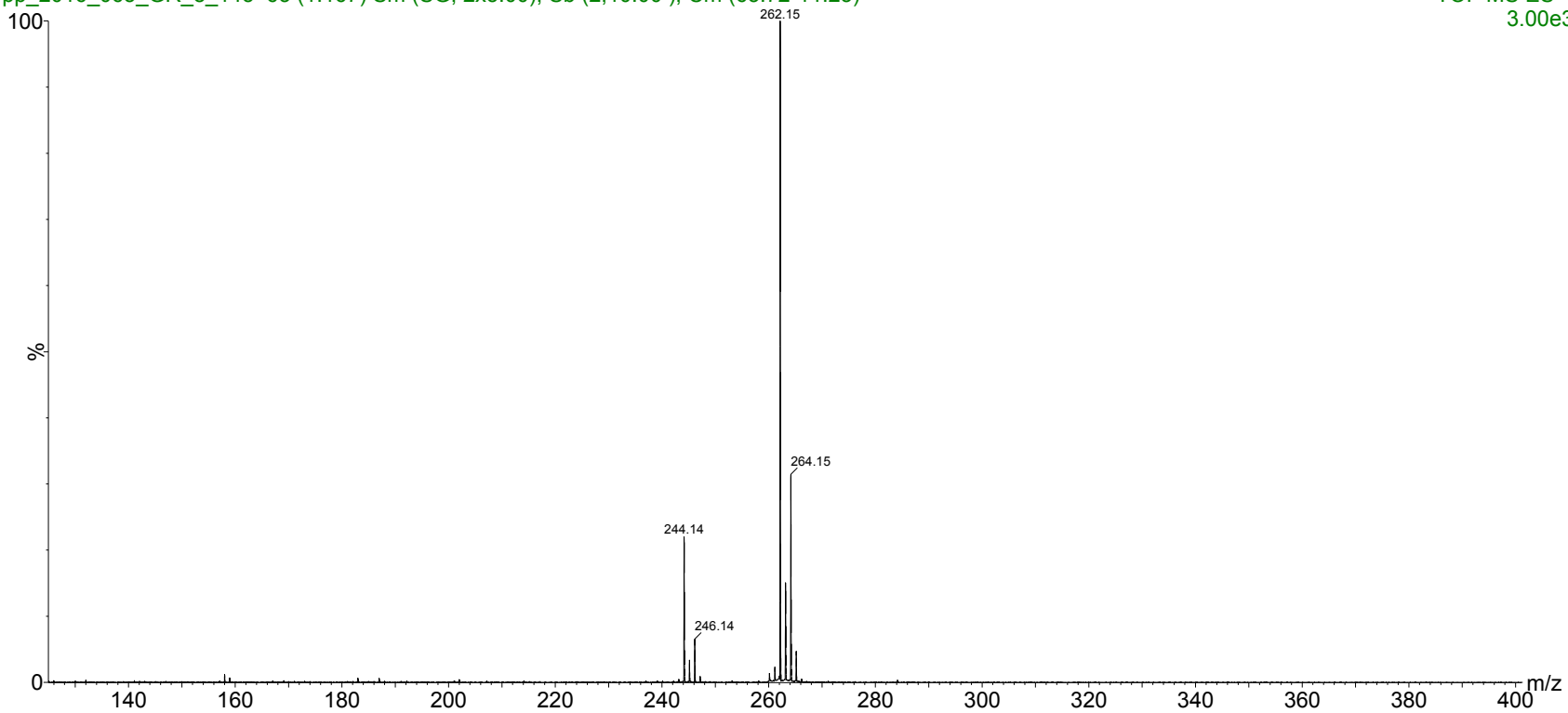
Viorica Rusu, QC/QA Manager

Hydroxybupropion-D6
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-8-145



pp_2016_065_GR_8_145 63 (1.167) Sm (SG, 2x5.00); Sb (2,10.00); Cm (63:72-11:23)

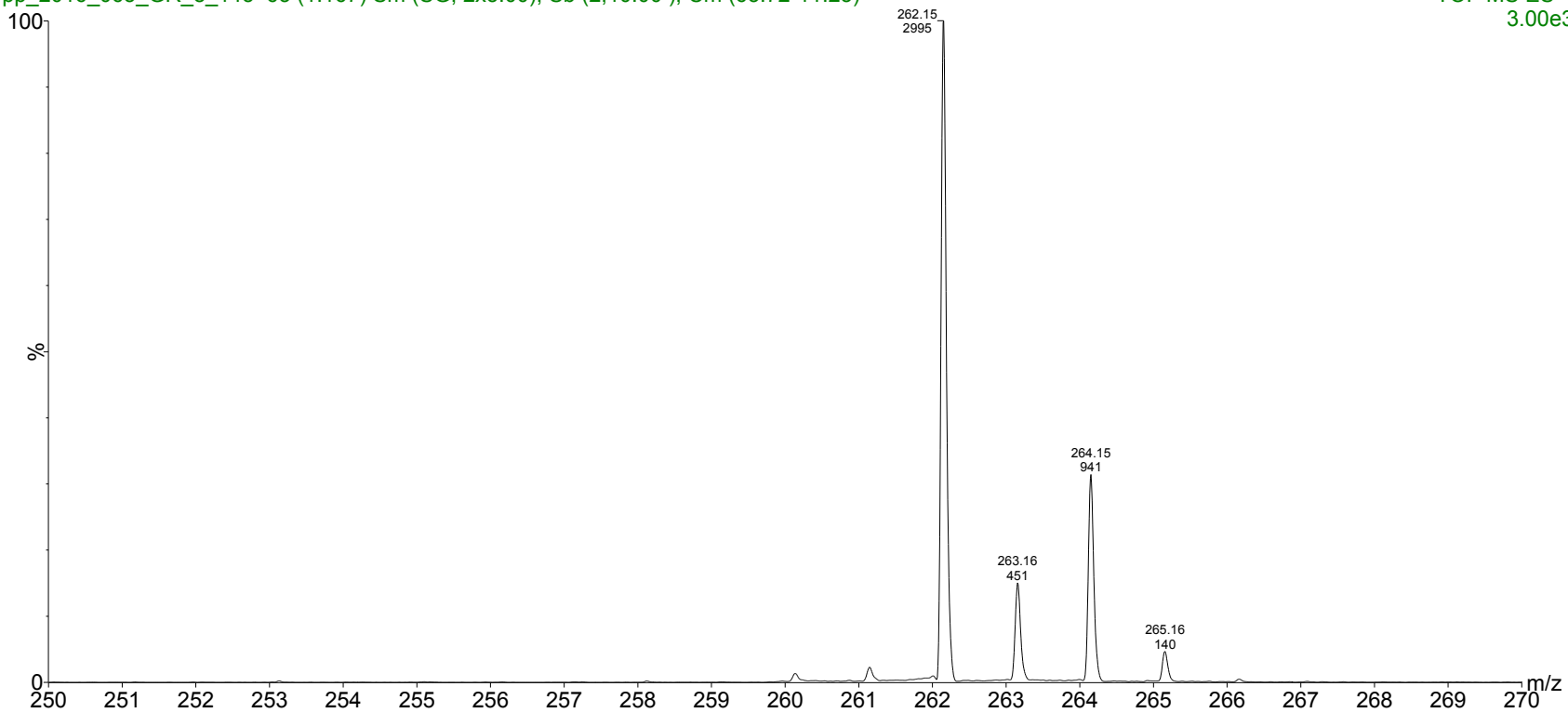
TOF MS ES+
3.00e3



ESI-MS spectrum for sample GR-8-145. Shows monoisotopic [M+H]⁺ mass.

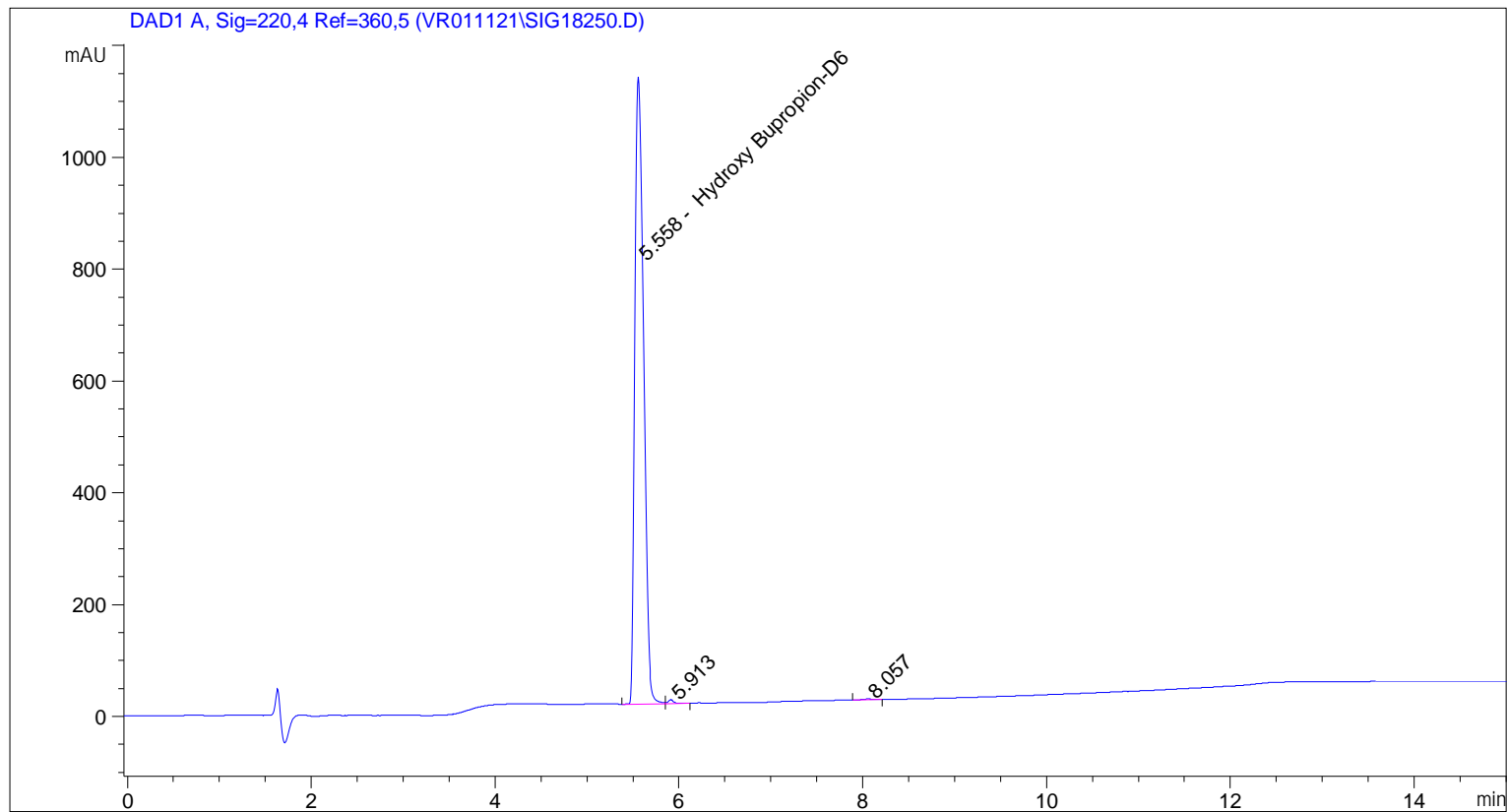
pp_2016_065_GR_8_145 63 (1.167) Sm (SG, 2x5.00); Sb (2,10.00); Cm (63:72-11:23)

TOF MS ES+
3.00e3



Expansion of above with peak intensity lables.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 23
Injection Date : 5/26/2021 9:55:57 AM Inj Volume : 8.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR052621_145.M
Last changed : 5/26/2021 9:55:13 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052621_145PM.M
Last changed : 5/26/2021 1:25:36 PM by vrusu



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Area Percent Report
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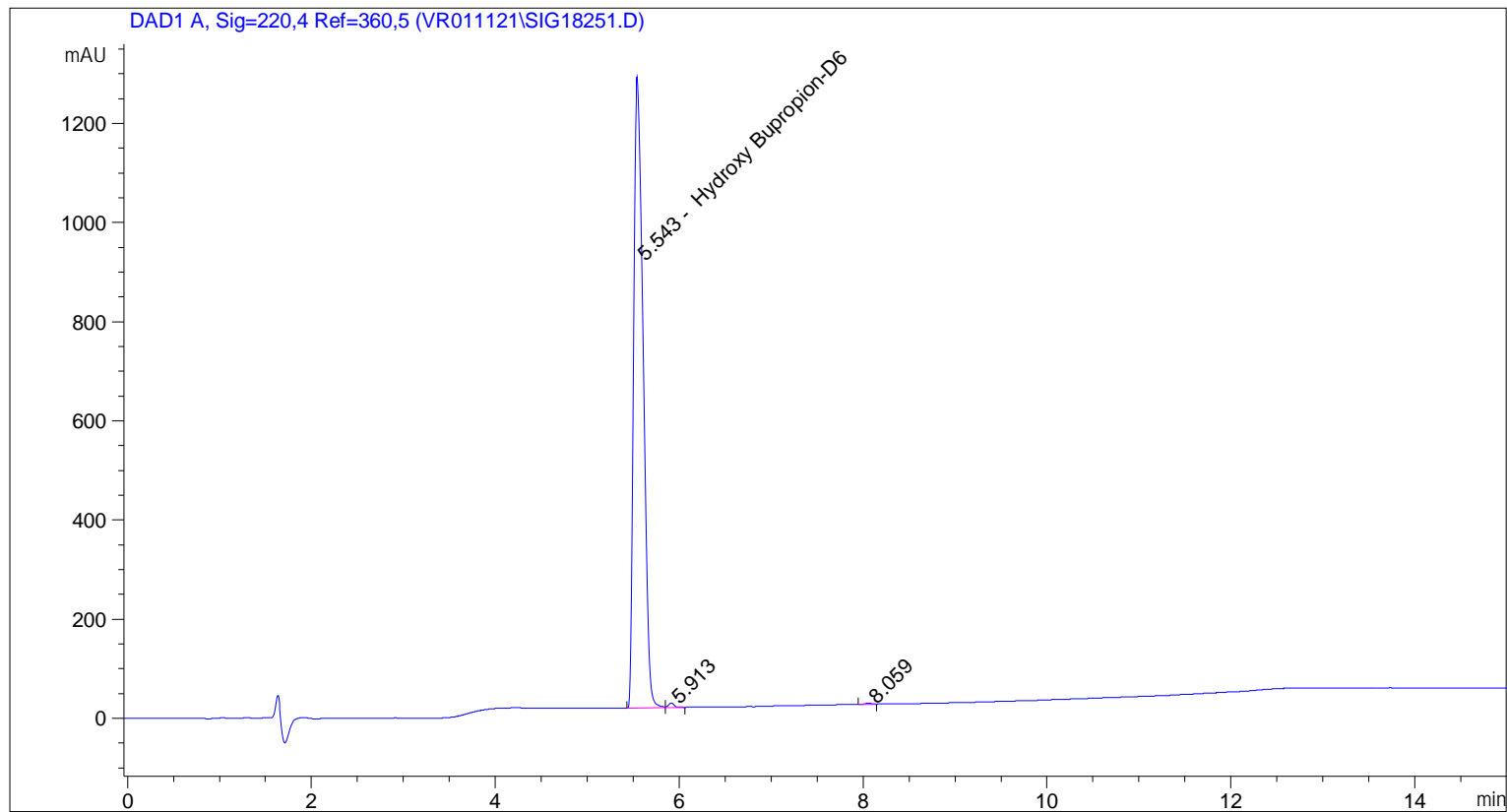
Sorted By : Signal
Calib. Data Modified : 5/26/2021 1:25:19 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

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

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	5.558	BV	0.1083	7336.43066	99.5137	Hydroxy Bupropion-D6
2	5.913	VB	0.0636	28.85220	0.3914	?
3	8.057	BB	0.0750	7.00286	0.0950	?

Totals : 7372.28573

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 24
Injection Date : 5/26/2021 10:15:59 AM Inj Volume : 8.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR052621_145.M
Last changed : 5/26/2021 10:12:01 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052621_145PM.M
Last changed : 5/26/2021 1:25:36 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 5/26/2021 1:25:19 PM
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	5.543	BV	0.1217	9348.95313	99.5060	Hydroxy Bupropion-D6
2	5.913	VB	0.0624	37.01962	0.3940	?
3	8.059	BB	0.0592	9.39431	0.1000	?

Totals : 9395.36705