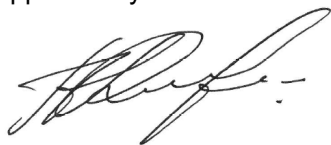


Name:	Levofloxacin-D8
Lot#:	GR-13-247
Test Date:	08/19/2024 (re-test date: 08/19/2029)
CAS No.:	1217716-71-6
MF:	C ₁₈ H ₁₂ D ₈ FN ₃ O ₄
MW:	369.42
Appearance:	Pale Yellow Solid
Purity:	98.6% by HPLC; >98% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 370.20 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

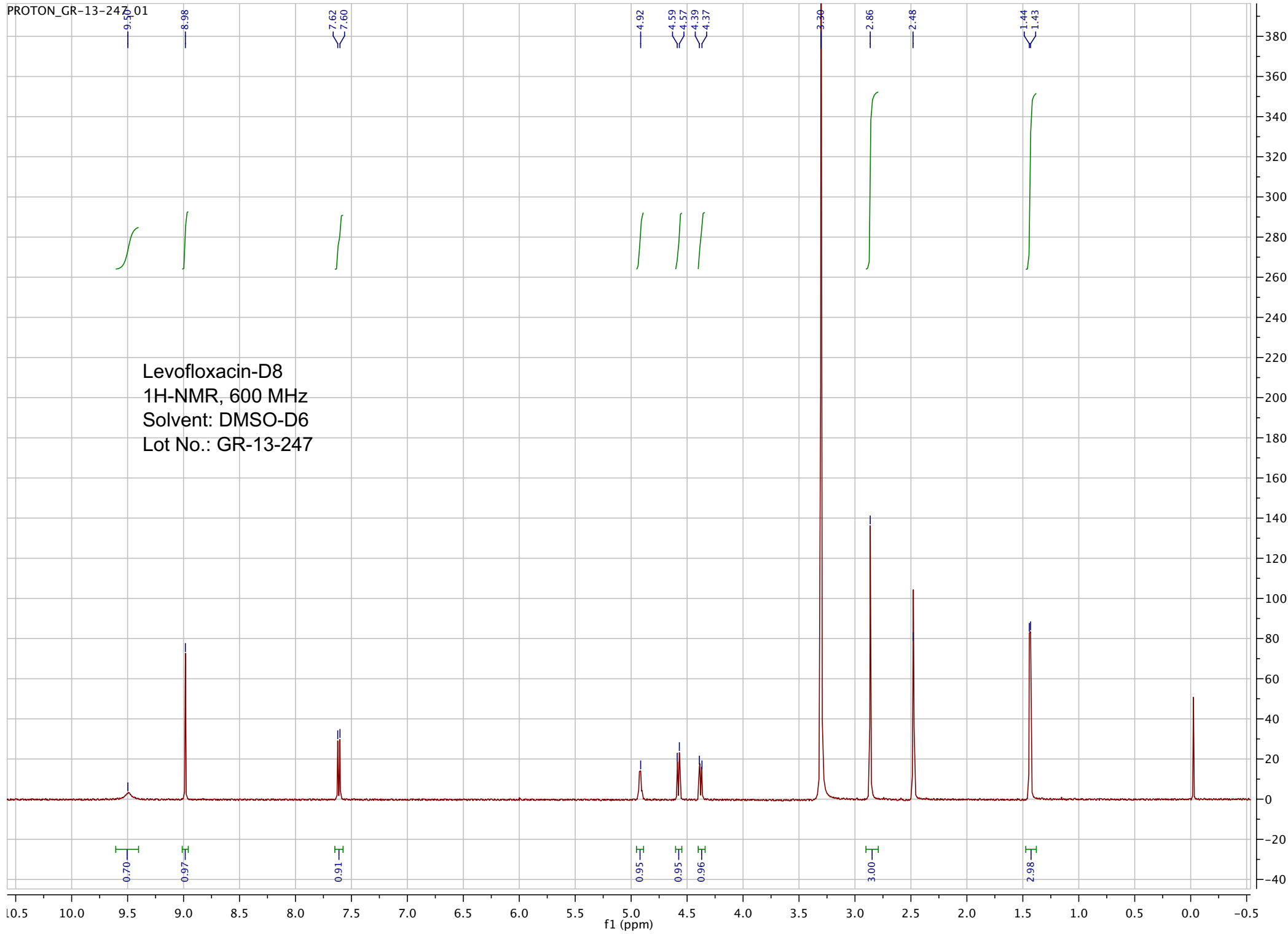
Approved by:

Date: 08/19/2024



Viorica Rusu, QC/QA Manager

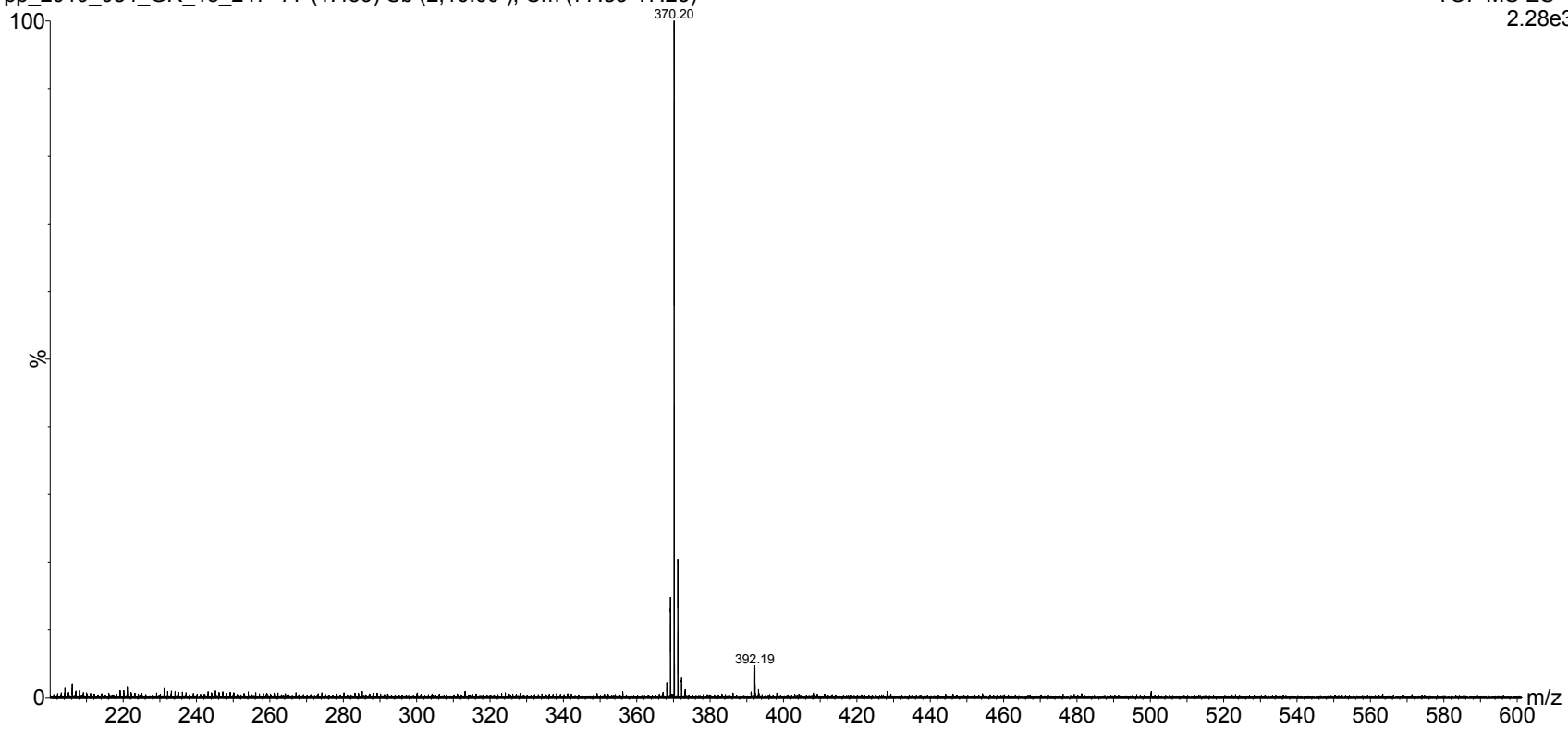
Levofloxacin-D8
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-13-247



13-Aug-2019, 12:51:05

TOF MS ES+
2.28e3

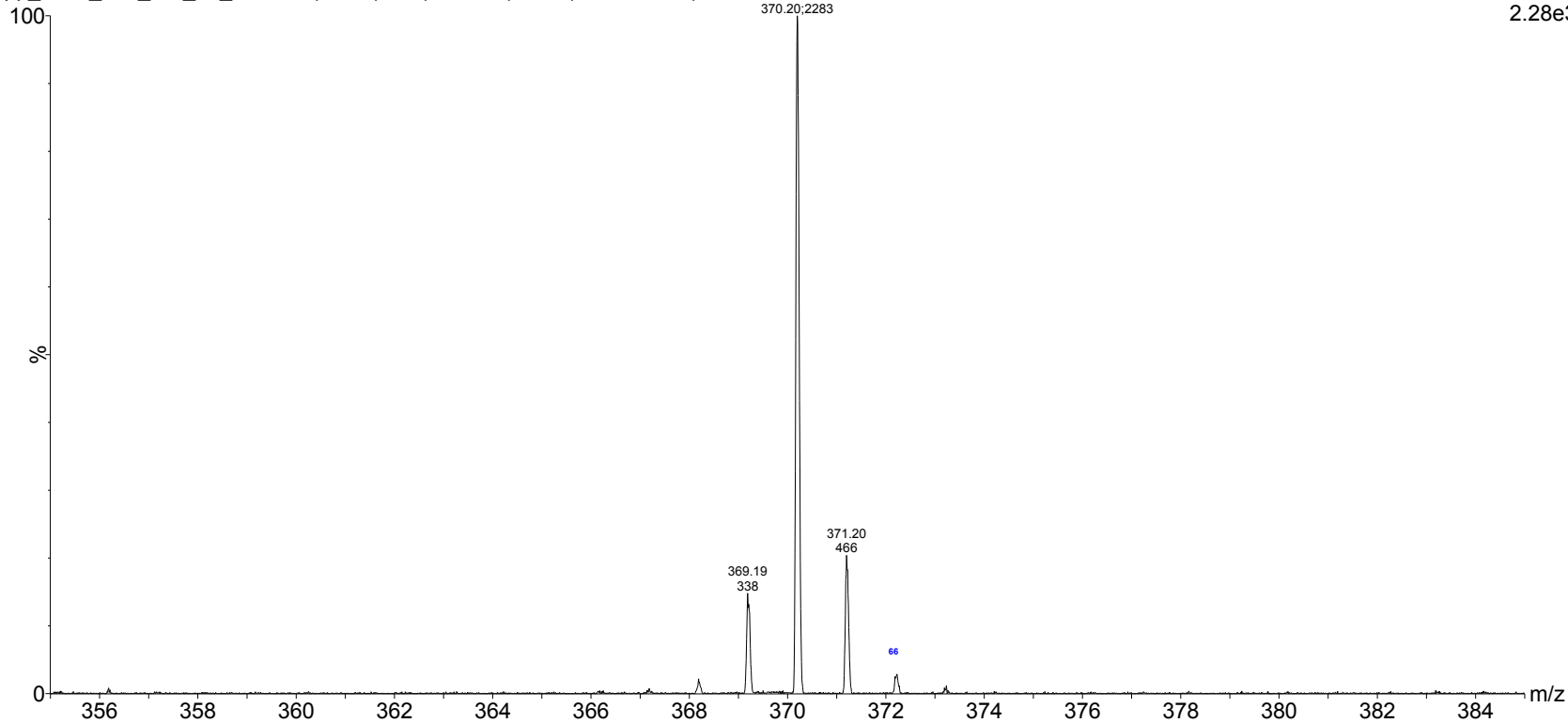
pp_2019_084_GR_13_247 77 (1.459) Sb (2,10.00); Cm (77:85-17:25)



ESI-MS spectrum for sample GR-13-247. Shows monoisotopic [M+H]⁺ mass.

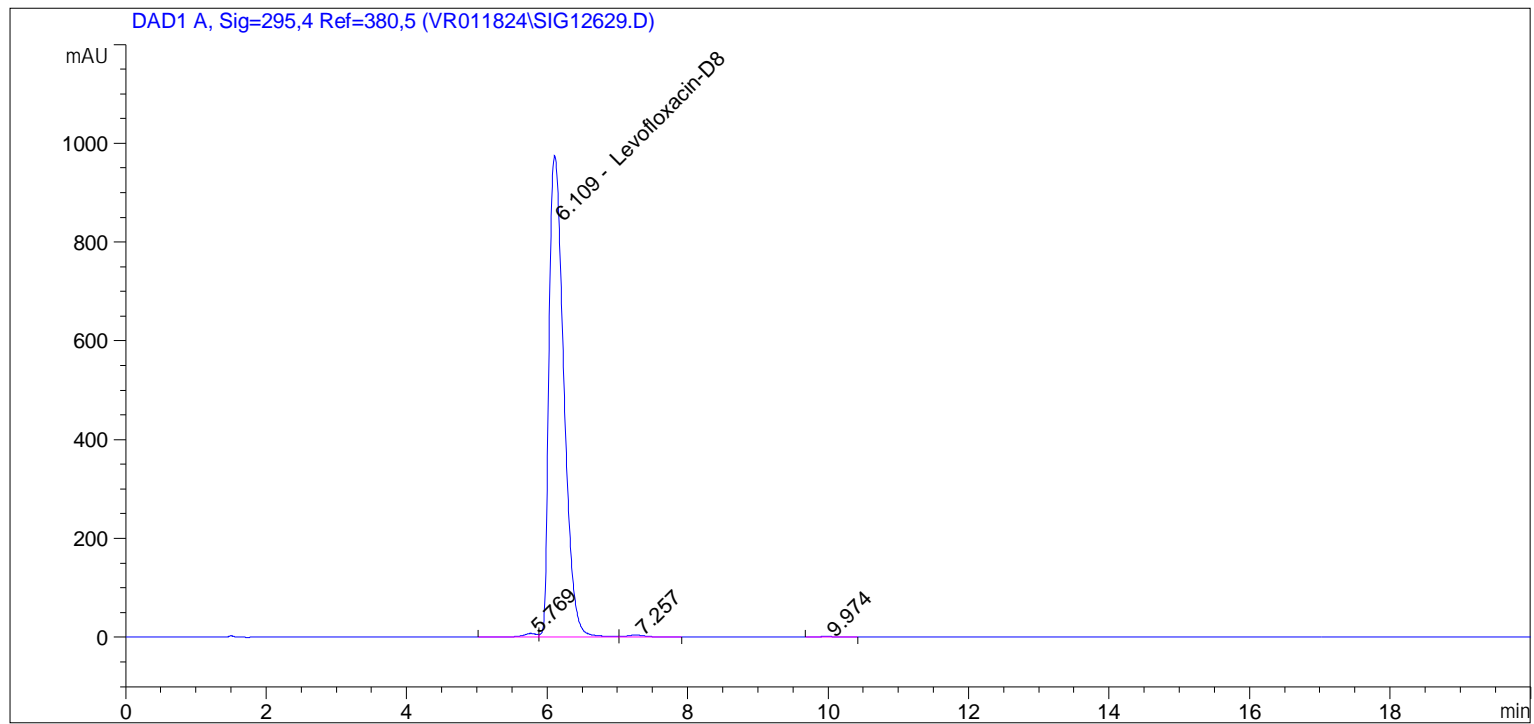
13-Aug-2019, 12:51:05
TOF MS ES+
2.28e3

pp_2019_084_GR_13_247 77 (1.459) Sb (2,10.00); Cm (77:85-17:25)



Expansion of above showing intensity labels.

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 24
Injection Date : 8/19/2024 10:19:02 AM Inj Volume : 7.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR081924_247.M
Last changed : 8/19/2024 10:17:32 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR081924_147PM.M
Last changed : 8/19/2024 11:11:24 AM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 8/19/2024 11:10:21 AM
Multiplier: : 1.603e3
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

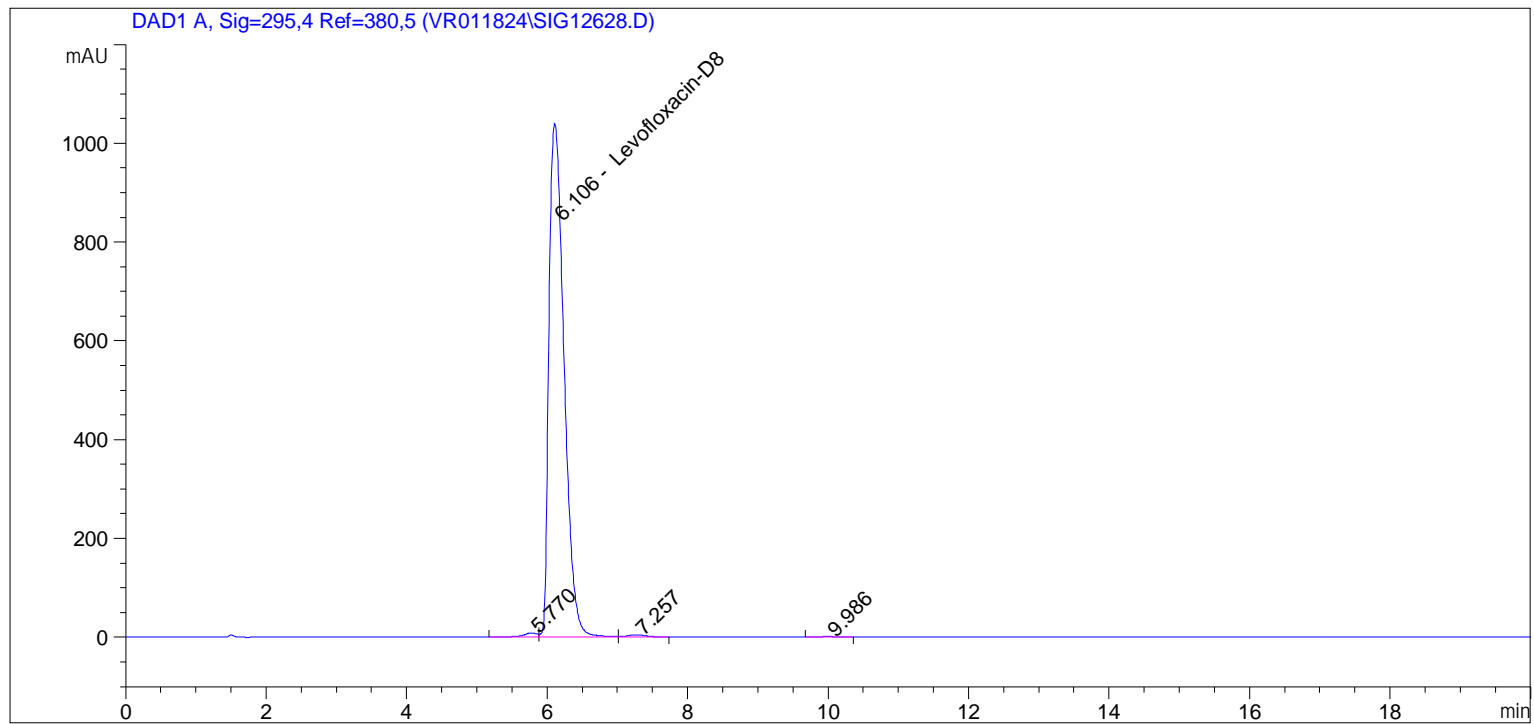
Signal 1: DAD1 A, Sig=295,4 Ref=380,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	5.769	BV	0.2019	105.35014	0.7280	?
2	6.109	VV	0.2308	1.42694e4	98.5997	Levofloxacin-D8
3	7.257	VB	0.2702	73.98999	0.5113	?
4	9.974	BB	0.2290	23.31638	0.1611	?

Totals : 1.44720e4

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

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 23
Injection Date : 8/19/2024 9:48:26 AM Inj Volume : 7.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR081924_247.M
Last changed : 8/19/2024 9:47:16 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR081924_147PM.M
Last changed : 8/19/2024 11:11:24 AM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 8/19/2024 11:10:21 AM
Multiplier: : 1.603e3
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=295,4 Ref=380,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	5.770	BV	0.1954	112.26591	0.7145	?
2	6.106	VV	0.2360	1.54974e4	98.6338	Levofloxacin-D8
3	7.257	VB	0.2621	80.26248	0.5108	?
4	9.986	BB	0.2121	22.12639	0.1408	?

Totals : 1.57120e4

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