


Name: 16(17)-Dehydro Levonorgestrel
Lot#: GR-18-019-1
Test Date: 01/27/2023 (re-test date: 01/27/2028)
CAS No.: 61921-57-1
MF: C₂₁H₂₆O
MW: 294.44
Appearance: White solid
Purity: 99.0% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 295.21 [M+H]⁺)
Storage Store at 0-5°C in a dry place away from direct sunlight

Approved by:

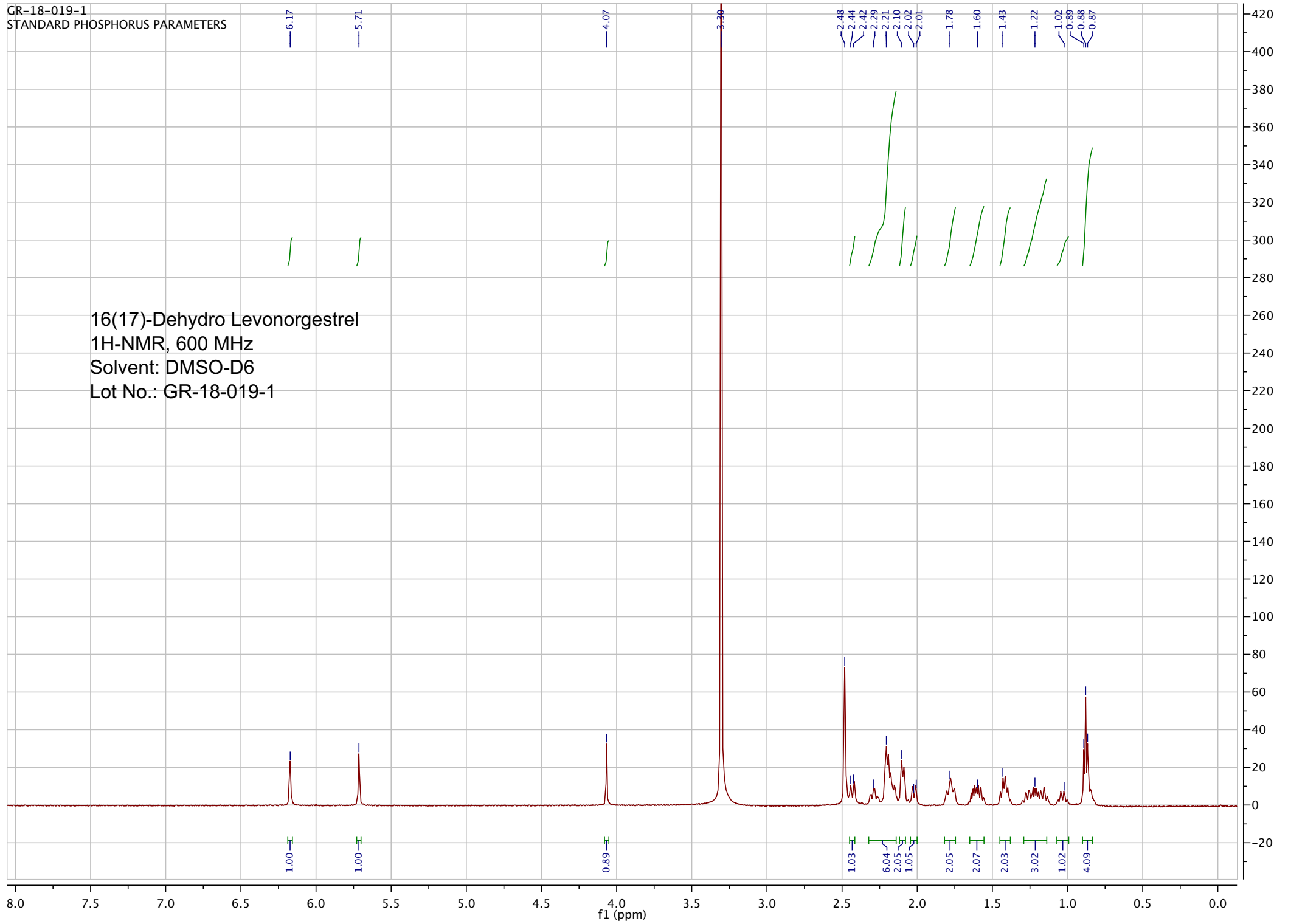
Date: 01/30/2023



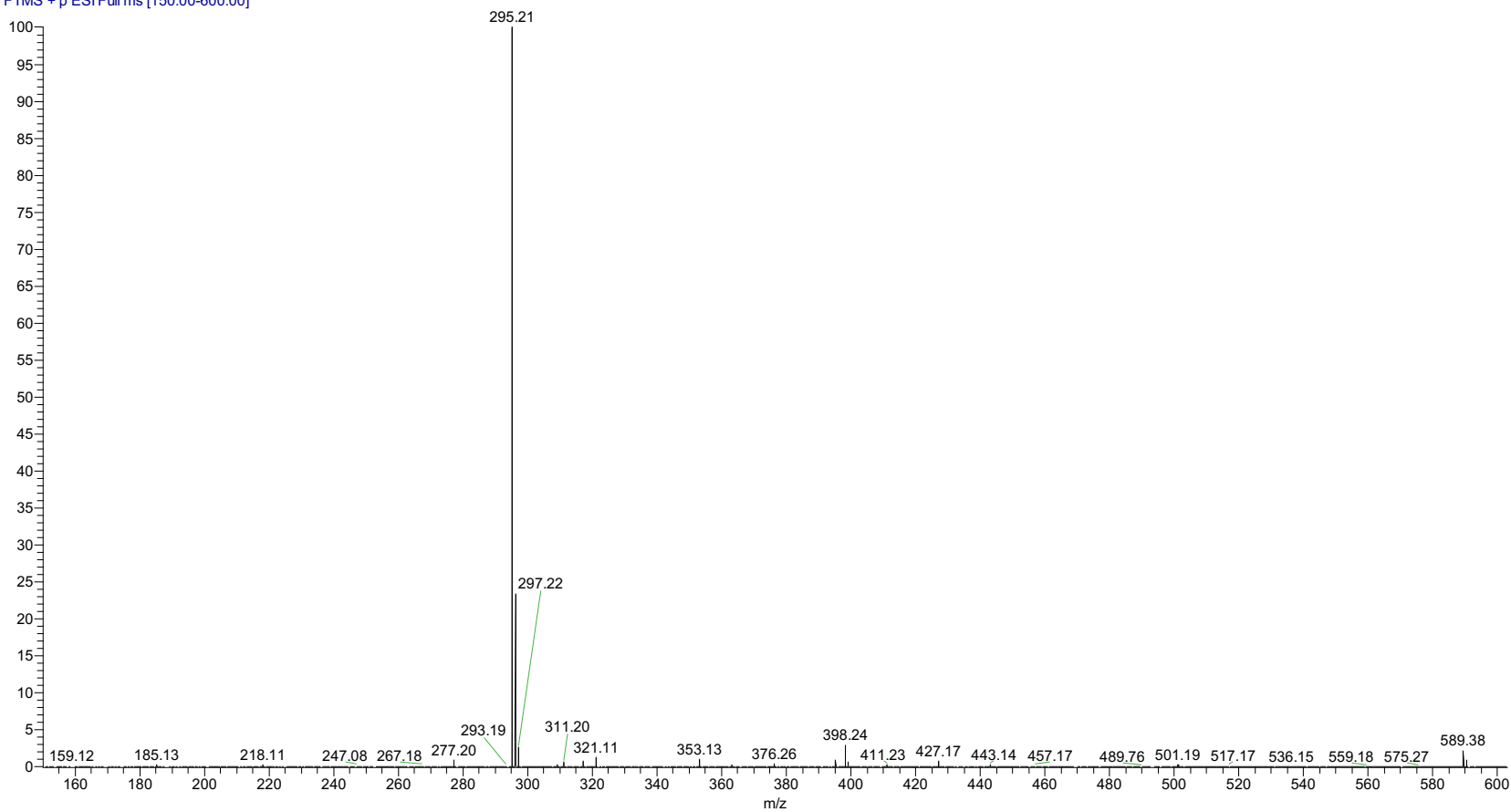
Viorica Rusu, QC/QA Manager

GR-18-019-1
STANDARD PHOSPHORUS PARAMETERS

16(17)-Dehydro Levonorgestrel
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-18-019-1

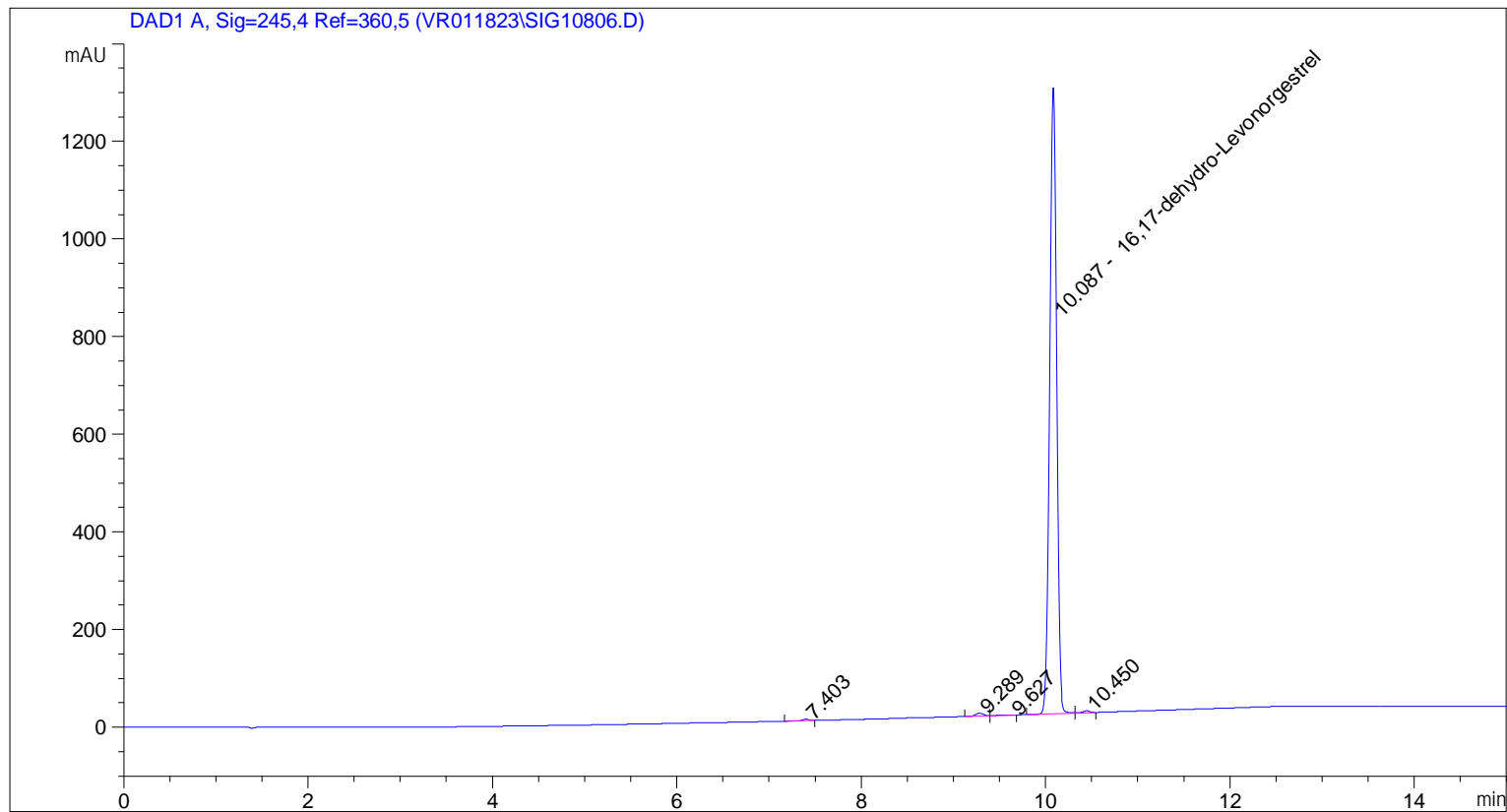


pp_2023_007_GR_18_019_1_1#466-478 RT: 1.38-1.41 AV: 13 SB: 0.38 NL: 1.75E7
T: FTMS + p ESI Full ms [150.00-600.00]



ESI-MS data for sample GR-18-019. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 65
Injection Date : 1/26/2023 3:36:37 PM
Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR012623_019_1.M
Last changed : 1/26/2023 3:35:41 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR012723_019_1PM.M
Last changed : 1/27/2023 10:09:23 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 1/27/2023 10:04:53 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	7.403	BB	0.0748	15.16689	0.2273	?
2	9.289	BV	0.0892	32.55008	0.4879	?
3	9.627	VB	0.1177	4.28710	0.0643	?
4	10.087	BV	0.0798	6598.30859	98.9064	16,17-dehydro-Levonorgestrel
5	10.450	VB	0.0902	20.95612	0.3141	?

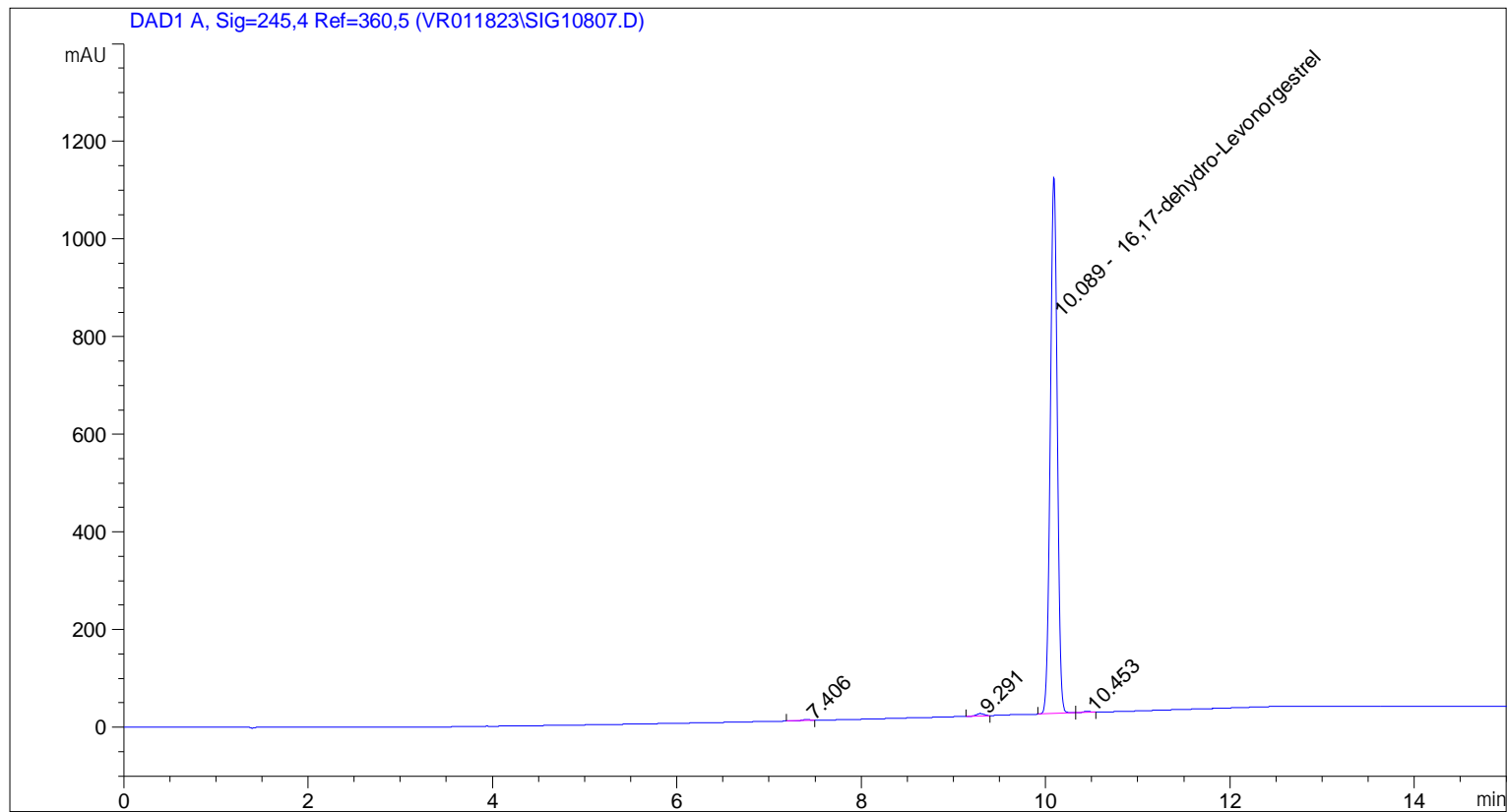
Totals : 6671.26878

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 66
Injection Date  : 1/26/2023 3:56:46 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR012623_019_1.M
Last changed    : 1/26/2023 3:55:47 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR012723_019_1PM.M
Last changed    : 1/27/2023 10:09:23 AM by vrusu
  
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 Area Percent Report
 =====

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Sorted By           :      Signal
Calib. Data Modified :      1/27/2023 10:04:53 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
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Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	7.406	BB	0.0732	12.49232	0.2193	?
2	9.291	BB	0.0875	26.39385	0.4634	?
3	10.089	BV	0.0797	5639.37500	99.0150	16,17-dehydro-Levonorgestrel
4	10.453	VB	0.0869	17.21167	0.3022	?

Totals : 5695.47285

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*** End of Report ***