

Name: Norethindrone acetate-3-isopropylidienol ether
Lot#: GR-8-041
Test Date: 11/17/2020 (re-test date: 11/17/2025)
CAS No.: 2417092-17-0
MF: C₂₅H₃₄O₃
MW: 382.54
Appearance: White solid
Purity: 97.2% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 383.19 [M+H]⁺)
Storage Store at -18°C in a dry place away from direct sunlight

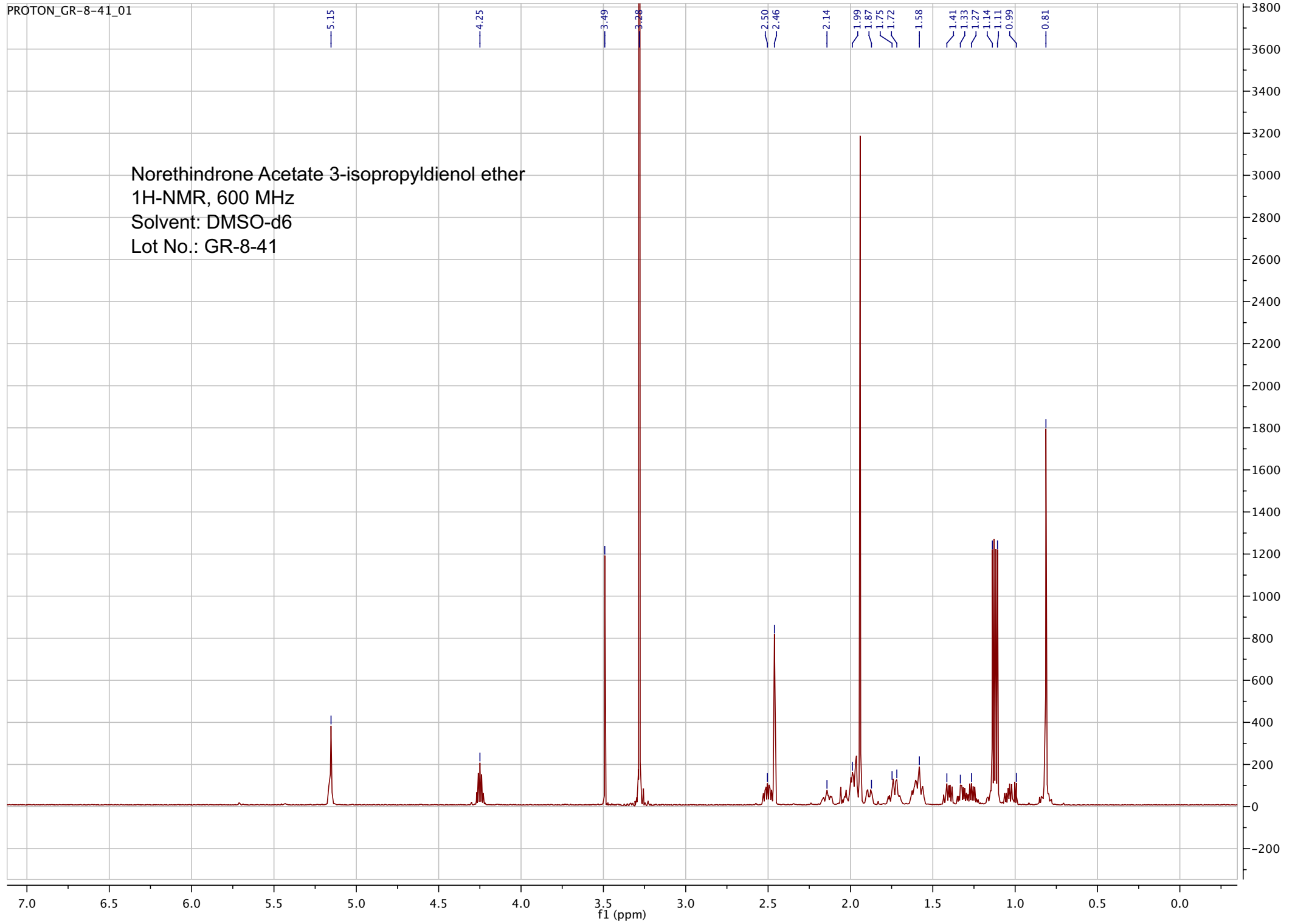
Approved by:

Date: 11/17/2020



Viorica Rusu, QC/QA Manager

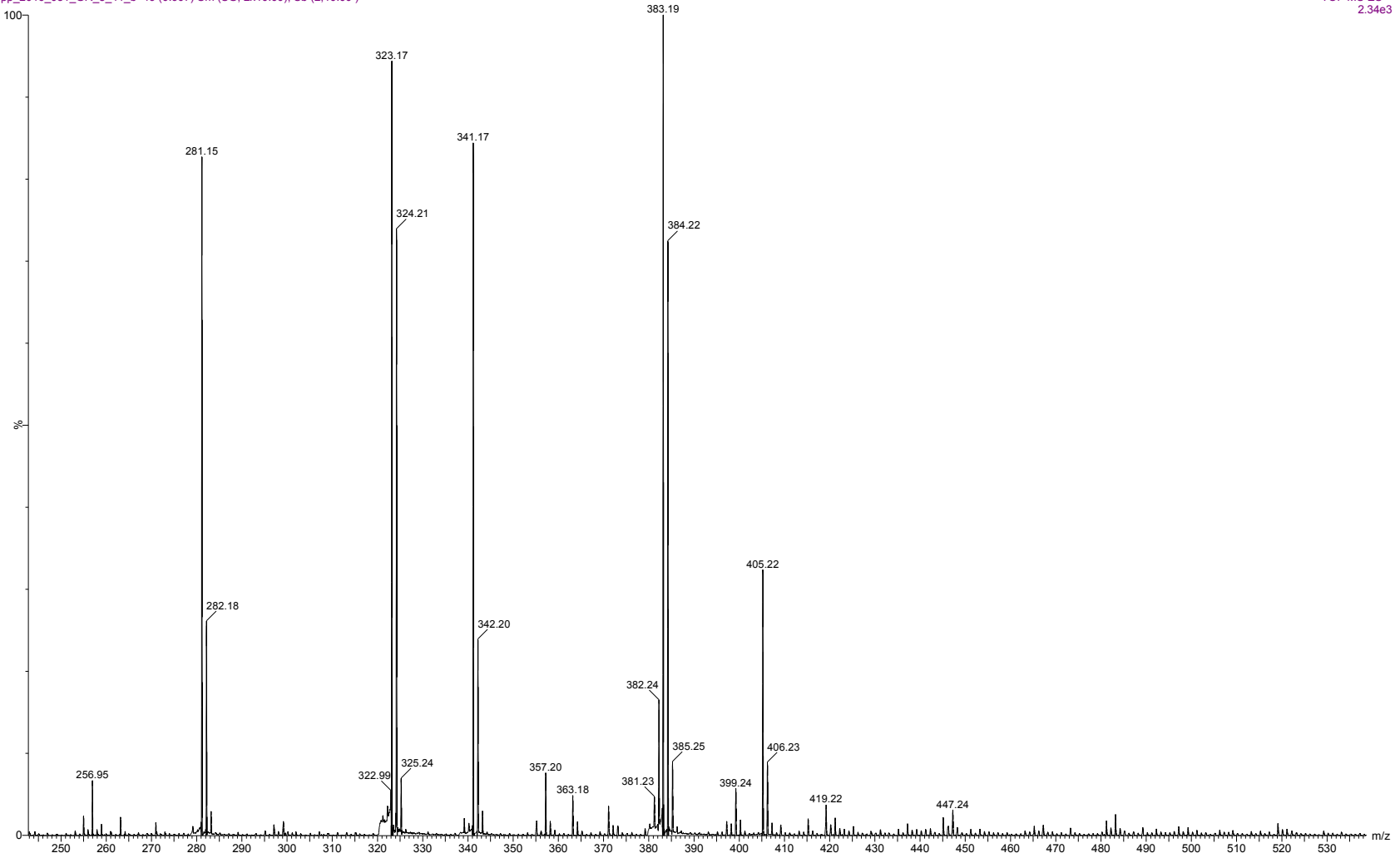
Norethindrone Acetate 3-isopropyl dienol ether
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-8-41



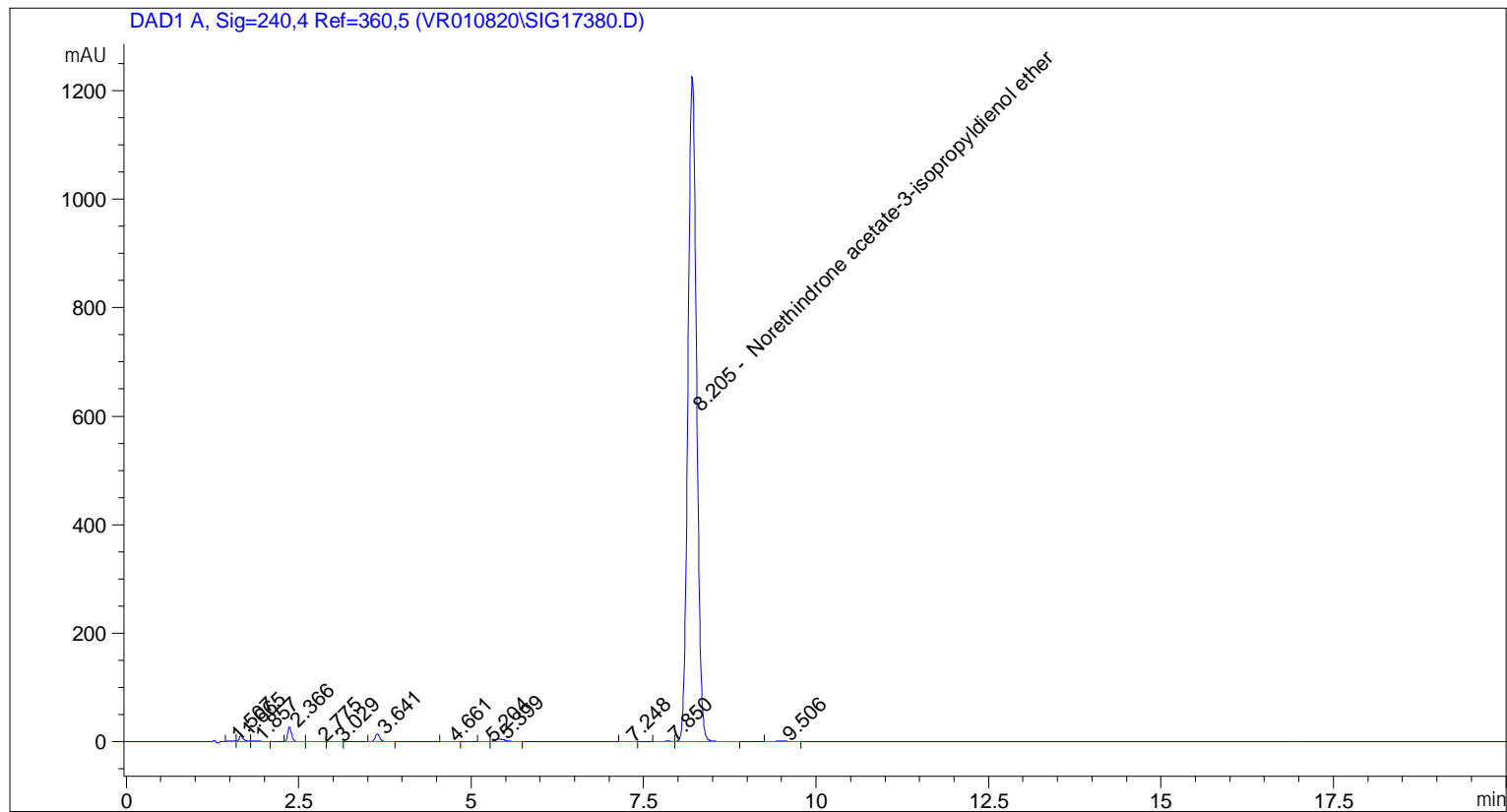
pp_2016_051_GR_8_41_b 49 (0.907) Sm (SG, 2x10.00); Sb (2,10.00)

7.00000000

25-May-2016, 16:08:18
TOF MS ES+
2.34e3



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 59
Injection Date : 11/17/2020 1:31:02 PM
Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR111720_041.M
Last changed : 11/17/2020 1:30:06 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111720_041PM.M
Last changed : 11/17/2020 2:10:02 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 11/17/2020 2:07:55 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	1.507	BV	0.0684	4.17680	0.0382	?
2	1.665	VV	0.0629	43.80191	0.4007	?
3	1.857	VB	0.0820	7.61458	0.0697	?
4	2.366	BB	0.0614	104.40054	0.9550	?
5	2.775	BB	0.0882	3.01657	0.0276	?
6	3.029	BB	0.0967	2.09183	0.0191	?
7	3.641	BB	0.0728	67.46407	0.6171	?
8	4.661	BB	0.1006	2.32716	0.0213	?

Sample Name: GR-8-041

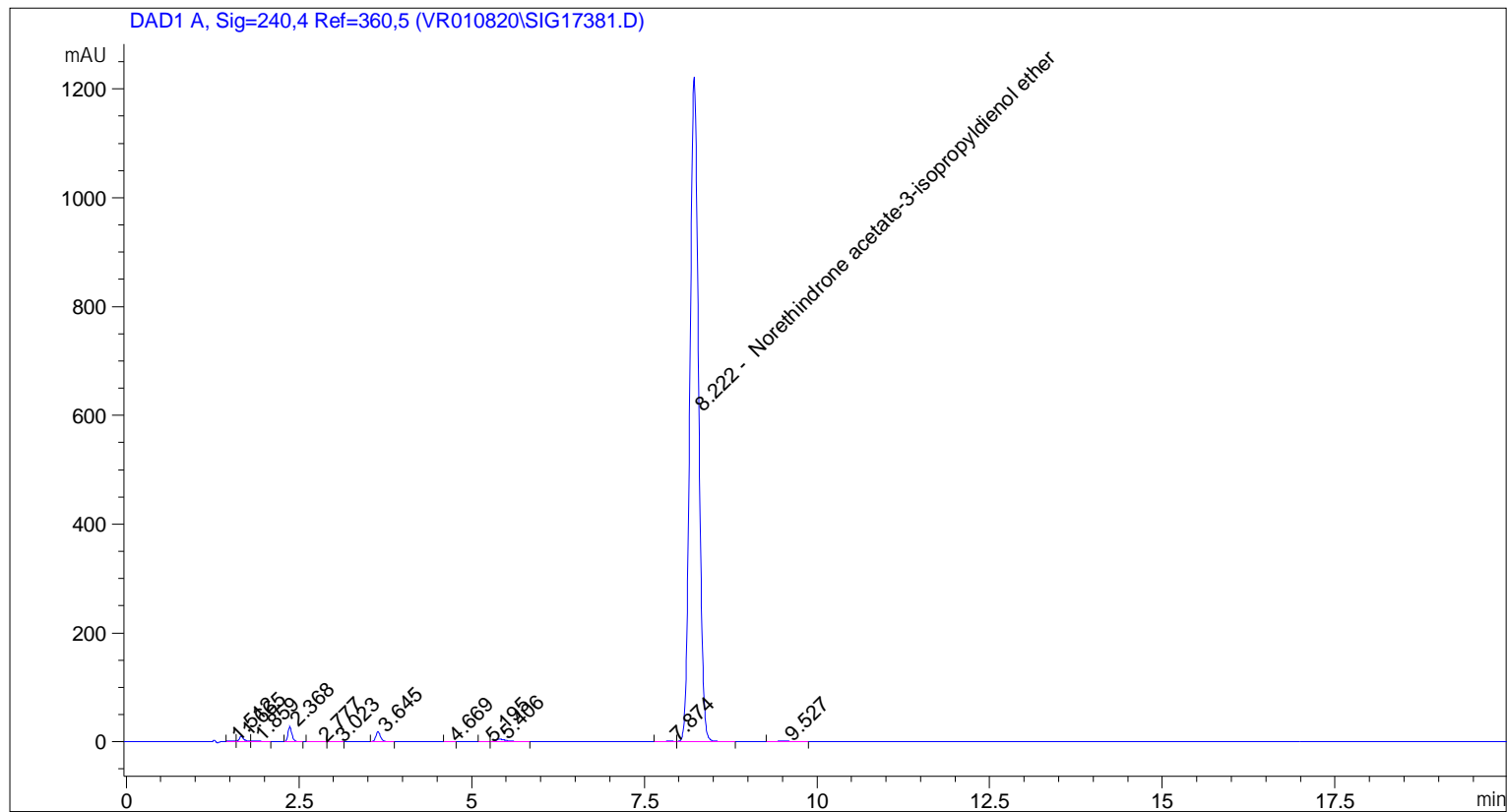
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	5.204	BV	0.0914	2.20497	0.0202	?
10	5.399	VB	0.1330	45.27256	0.4141	?
11	7.248	BB	0.0975	1.89095	0.0173	?
12	7.850	BV	0.1257	6.48576	0.0593	?
13	8.205	VB	0.1351	1.06281e4	97.2183	Norethindrone acetate-3-isopropyldienol ether
14	9.506	BB	0.1758	13.35173	0.1221	?

Totals : 1.09322e4

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 60
Injection Date  : 11/17/2020 1:53:21 PM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR111720_041.M
Last changed   : 11/17/2020 1:52:24 PM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR111720_041PM.M
Last changed   : 11/17/2020 2:10:02 PM by vrusu
  
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 Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      11/17/2020 2:07:55 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
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Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.512	BV	0.0793	4.46413	0.0409	?
2	1.665	VV	0.0628	40.81639	0.3738	?
3	1.859	VB	0.0834	7.25339	0.0664	?
4	2.368	BB	0.0614	105.70984	0.9682	?
5	2.777	BB	0.1015	2.99435	0.0274	?
6	3.023	BB	0.0917	1.97411	0.0181	?
7	3.645	BB	0.0726	84.33885	0.7724	?
8	4.669	BB	0.0787	1.61781	0.0148	?

Sample Name: GR-8-041 spl 2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	5.195	BV	0.0837	1.92743	0.0177	?
10	5.406	VB	0.1325	42.86937	0.3926	?
11	7.874	BV	0.1340	6.93726	0.0635	?
12	8.222	VB	0.1353	1.06043e4	97.1222	Norethindrone acetate-3-isopropyldienol ether
13	9.527	BB	0.1692	13.30690	0.1219	?

Totals : 1.09186e4

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*** End of Report ***