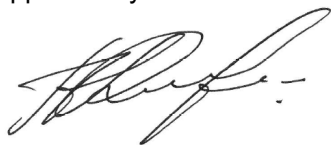


<b>Name:</b>	<b>24-Methylenecholesterol-D7</b>
<b>Lot#:</b>	GR-19-135
<b>Test Date:</b>	05/15/2024 (re-test date: 05/15/2029)
<b>CAS No.:</b>	209112-82-3
<b>MF:</b>	C <sub>28</sub> H <sub>39</sub> D <sub>7</sub> O
<b>MW:</b>	405.72
<b>Appearance:</b>	White solid
<b>Purity:</b>	96.6% by HPLC (average of two sample preparations); 99% atom D
<b><sup>1</sup>H-NMR:</b>	Conforms
<b>MS-ESI (+)</b>	Conforms (shows peak at m/z = 388.39 [M-H <sub>2</sub> O+H] <sup>+</sup> )
<b>Storage</b>	Store at -18°C in a dry place away from direct sunlight

Approved by:

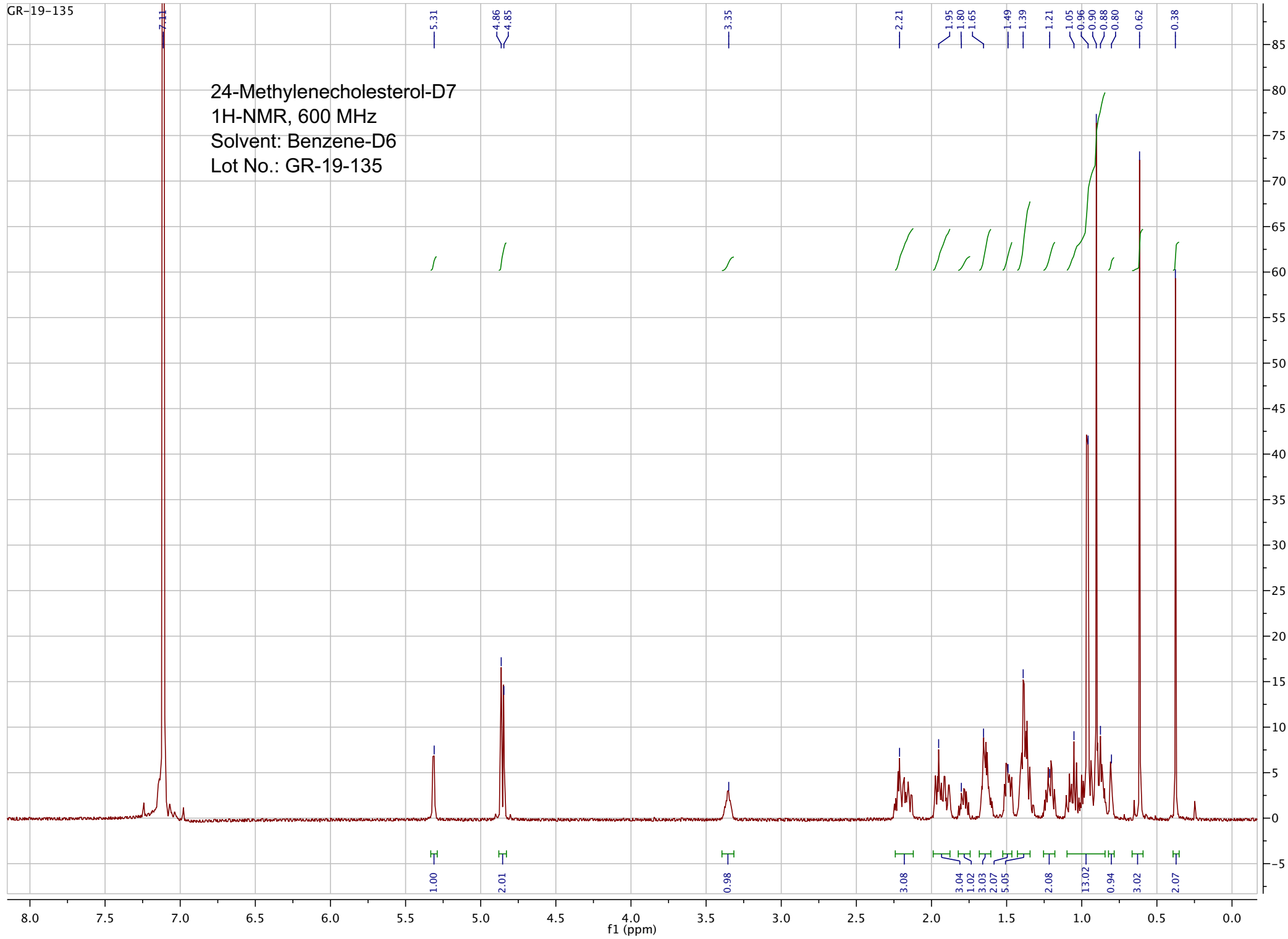
Date: 05/16/2024



Viorica Rusu, QC/QA Manager

GR-19-135

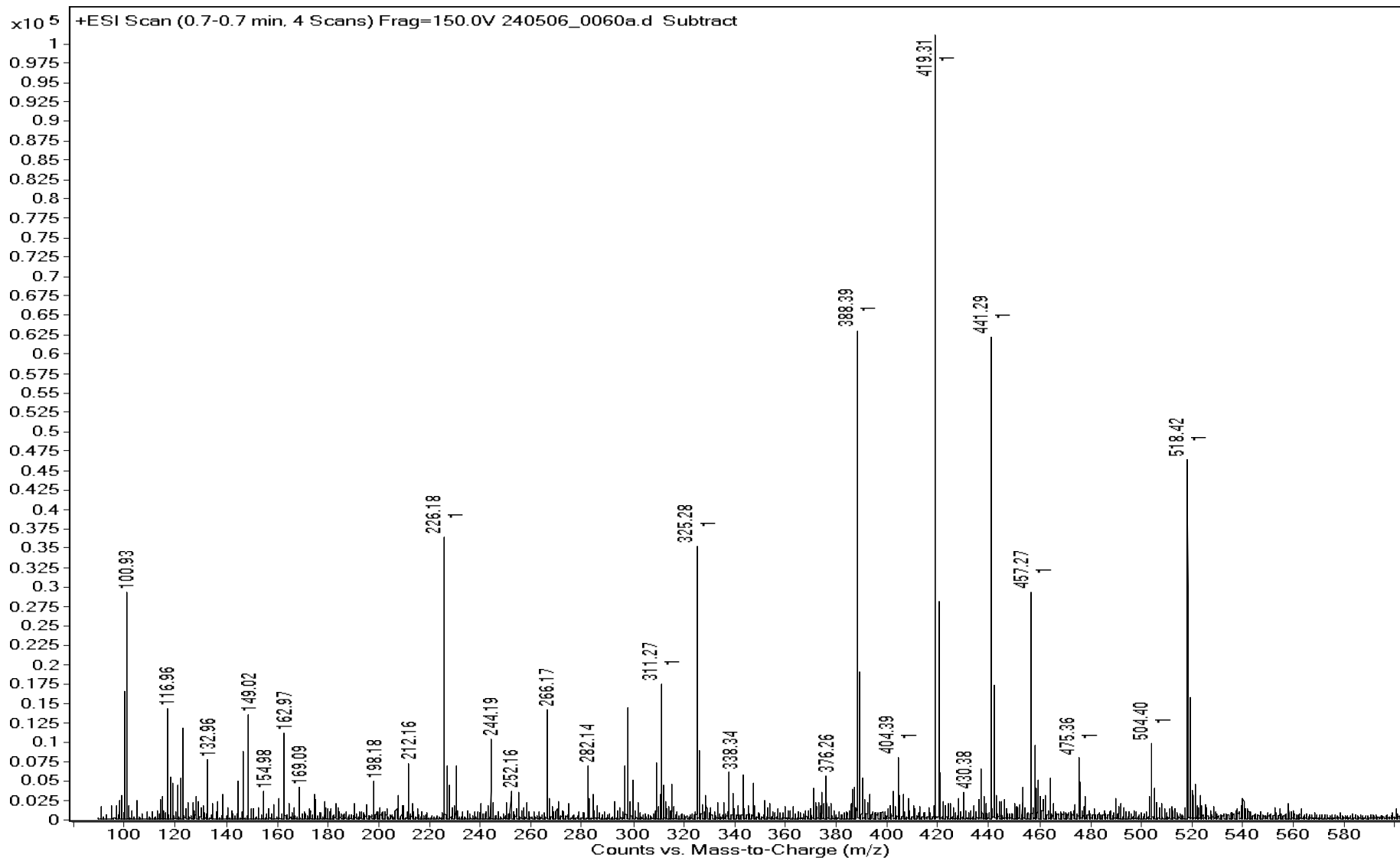
24-Methylenecholesterol-D7  
1H-NMR, 600 MHz  
Solvent: Benzene-D6  
Lot No.: GR-19-135



**Sample Name** GR-19-135  
**DA Method** AIMS\_Accurate\_Mass.m  
**Comment** ESI+

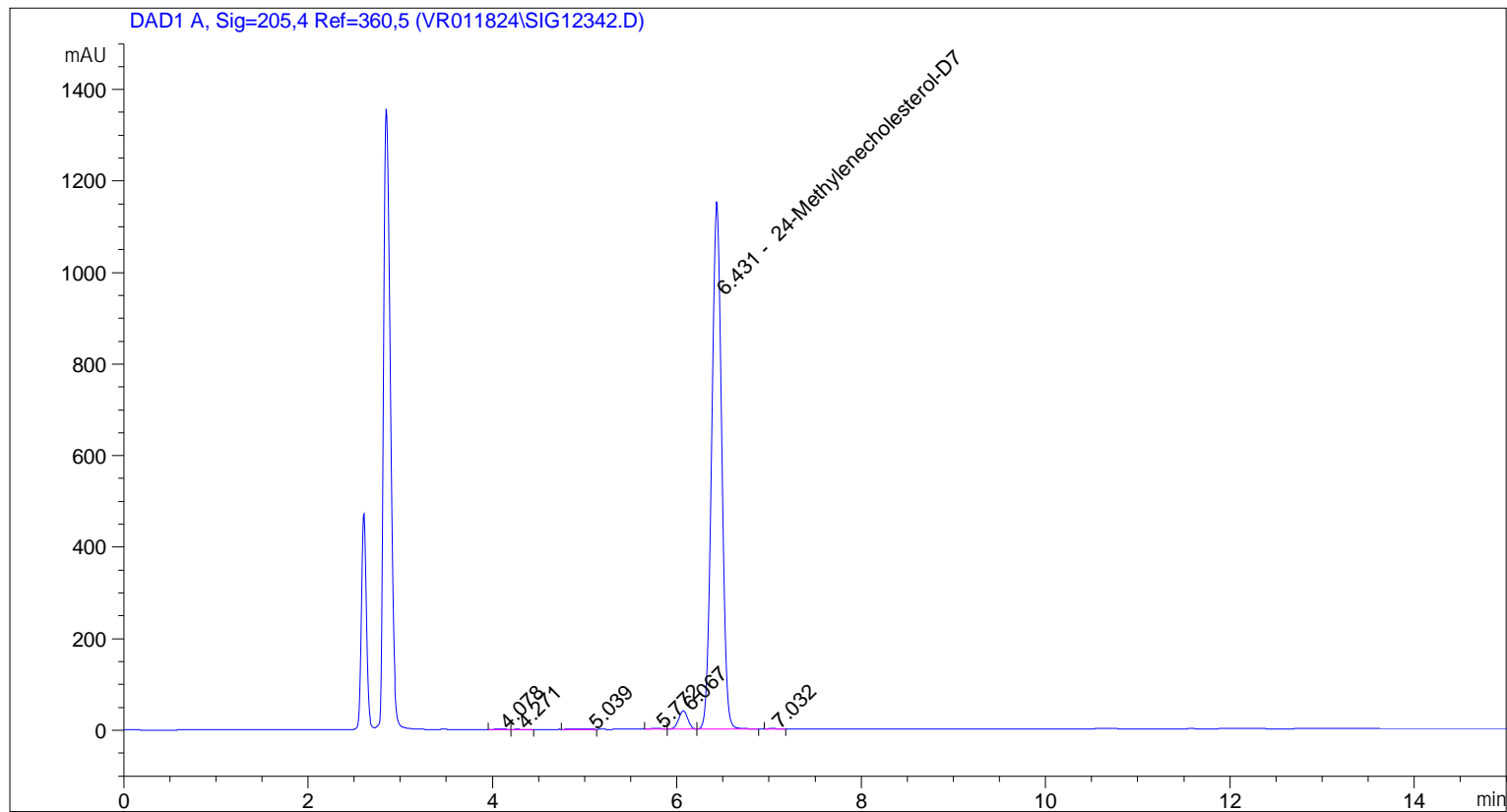
**Data File** 240506\_0060a.d  
**Instrument** Agilent 6538 UHD

**Acq Method** HRMS.m  
**Acq Date, Time** 06/05/2024 12:05:49 PM



```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 9
Injection Date  : 5/15/2024 2:31:31 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR051524_135.M
Last changed    : 5/15/2024 2:30:24 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR051524_135PM.M
Last changed    : 5/15/2024 3:19:46 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      5/15/2024 3:19:16 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=205,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.078	BV	0.0983	7.51087	0.0814	?
2	4.271	VB	0.0977	4.27617	0.0463	?
3	5.039	BV	0.1504	10.56956	0.1145	?
4	5.772	BB	0.1006	13.49525	0.1462	?
5	6.067	BV	0.1075	272.61542	2.9535	?
6	6.431	VB	0.1203	8917.19238	96.6077	24-Methylenecholesterol-D7
7	7.032	BB	0.1093	4.65641	0.0504	?

Sample Name: GR-19-135

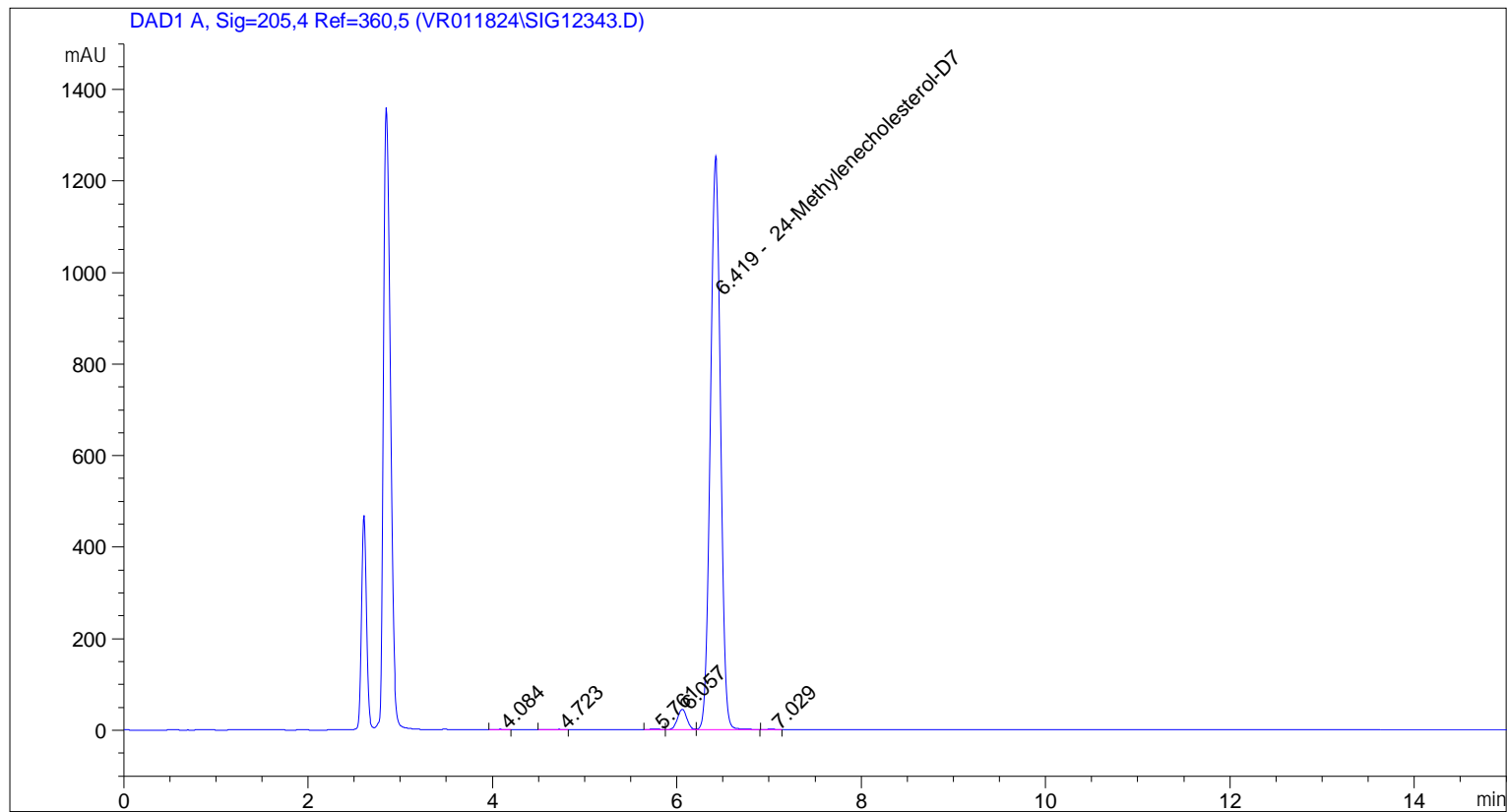
Totals : 9230.31605

=====

\*\*\* End of Report \*\*\*

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 10
Injection Date  : 5/15/2024 2:53:55 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR051524_135.M
Last changed    : 5/15/2024 2:52:42 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR051524_135PM.M
Last changed    : 5/15/2024 3:19:46 PM by vrusu
  
```



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

```

Sorted By      : Signal
Calib. Data Modified : 5/15/2024 3:19:16 PM
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=205,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.084	BB	0.0791	4.05227	0.0399	?
2	4.723	BB	0.1502	8.31962	0.0819	?
3	5.761	BB	0.0948	11.84387	0.1166	?
4	6.057	BV	0.1069	309.56717	3.0474	?
5	6.419	VB	0.1254	9819.16797	96.6604	24-Methylenecholesterol-D7
6	7.029	BB	0.0989	5.46322	0.0538	?

Totals : 1.01584e4

=====

\*\*\* End of Report \*\*\*