

Name:	Taurochenodeoxycholic Acid-D4 Sodium
Lot#:	GR-19-117
Test Date:	04/03/2024 (re-test date: 04/03/2029)
CAS No.:	2410279-85-3
MF:	C ₂₆ H ₄₀ D ₄ NNaO ₆ S
MW:	525.71
Appearance:	White solid
Purity:	99.2% by HPLC (average of two sample preparations); 99% atom D
¹H-NMR:	Conforms
MS-ESI (-)	Conforms (shows peak at m/z = 502.32 [M-Na] ⁻)
Storage	Store at -18°C in a dry place away from direct sunlight

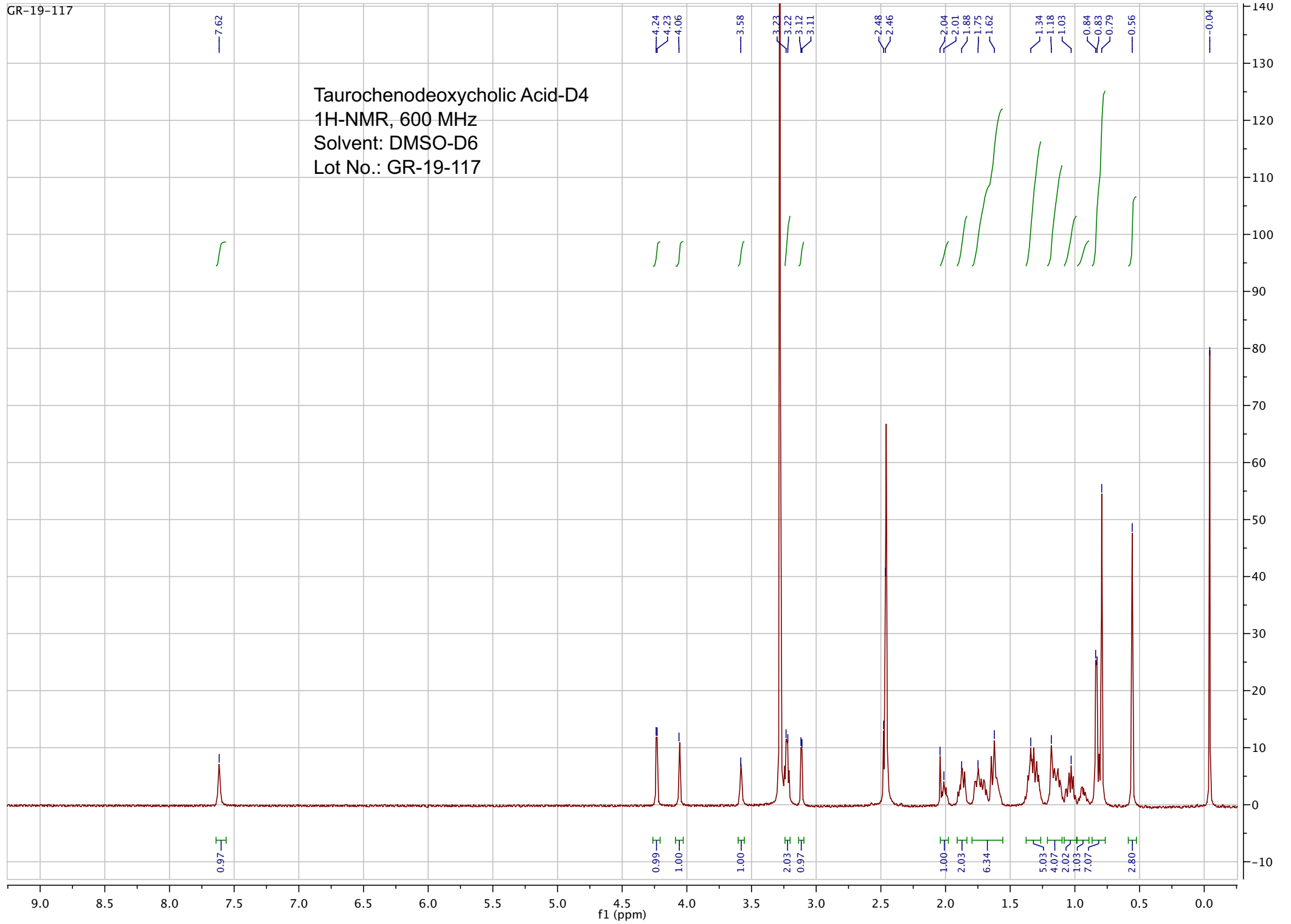
Approved by:

Date: 05/06/2024

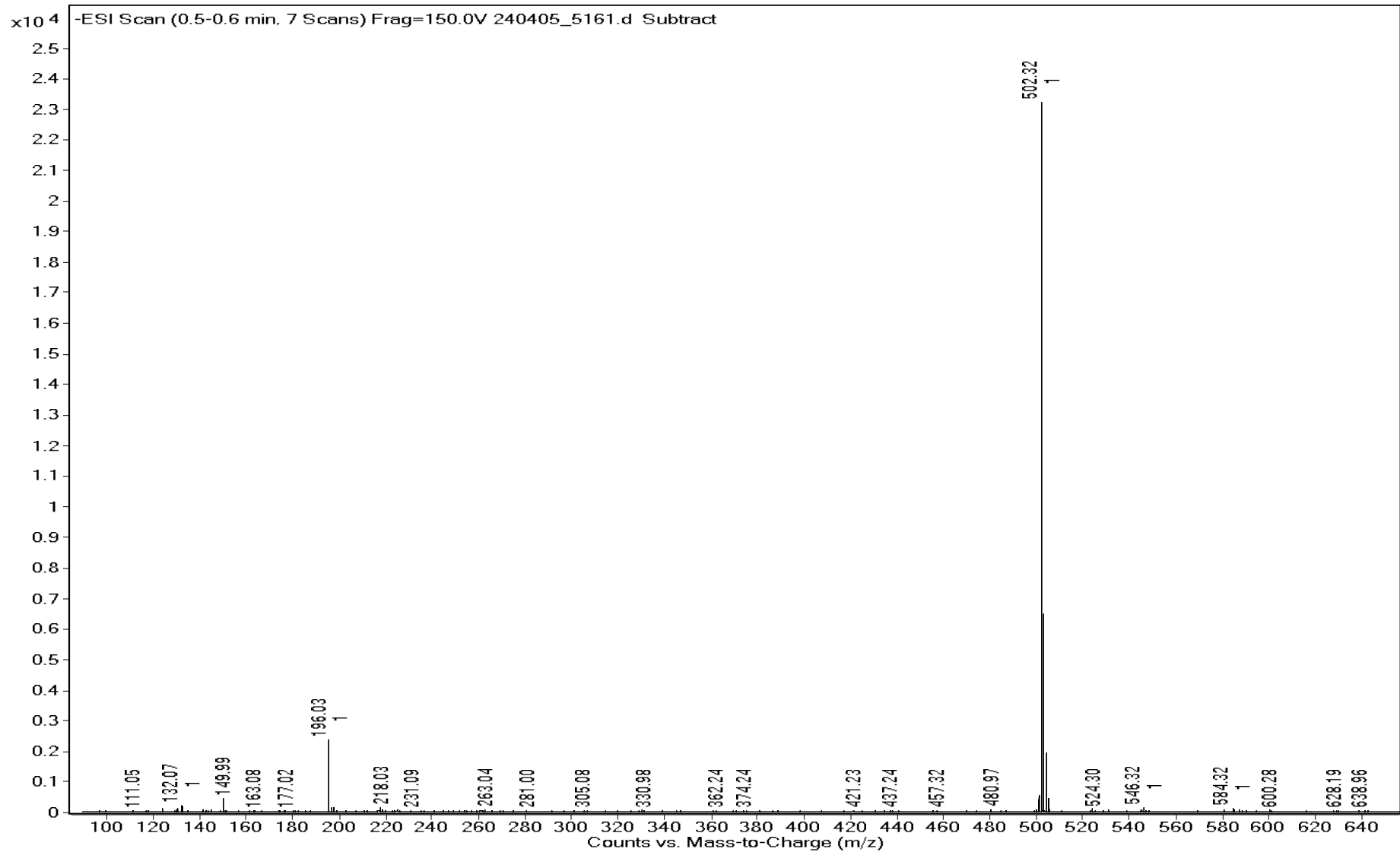


Viorica Rusu, QC/QA Manager

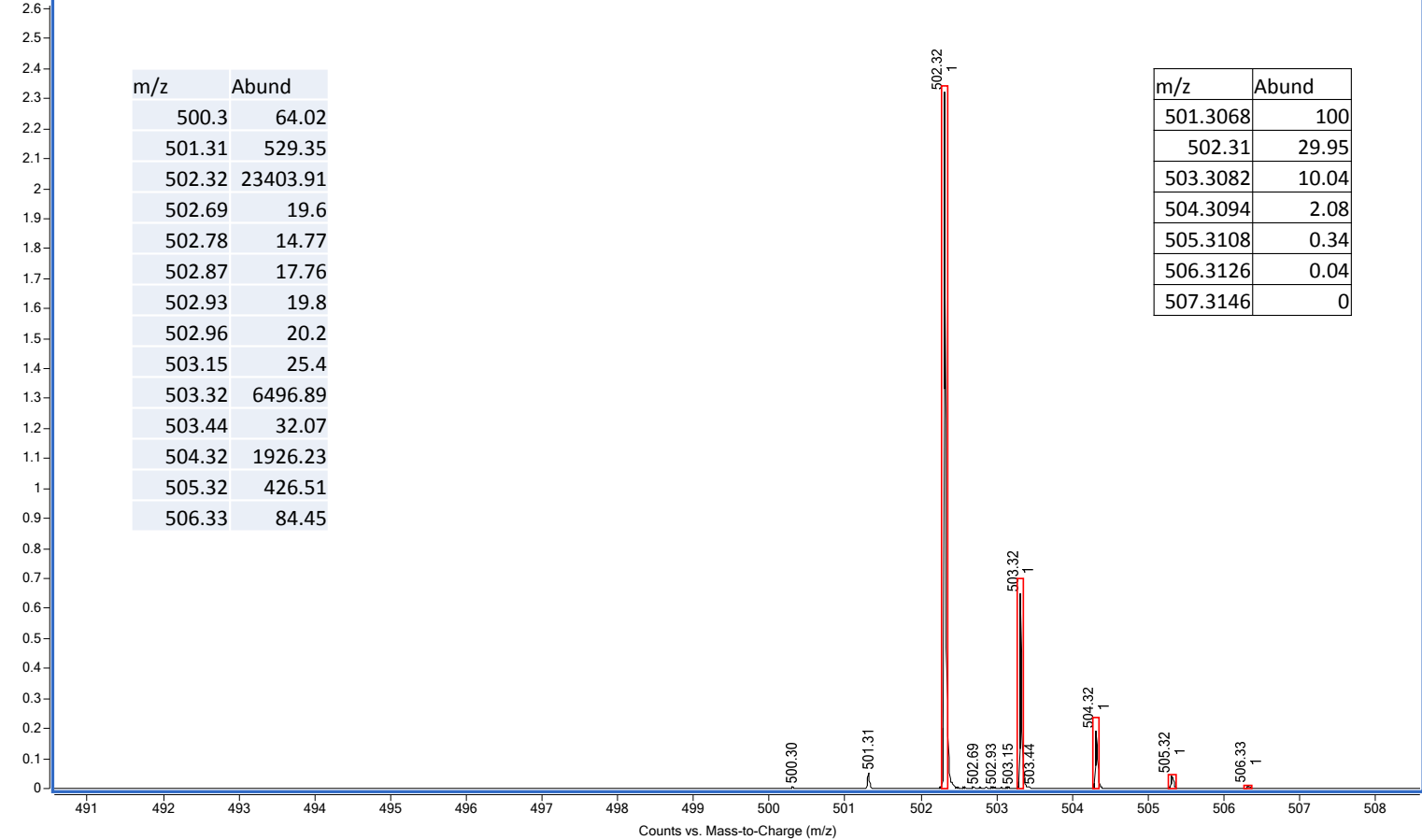
Taurochenodeoxycholic Acid-D4
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-19-117



Sample Name	GR-19-117	Data File	240405_5161.d	Acq Method	HRMS_Negative.m
DA Method	AIMS_Accurate_Mass.m	Instrument	Agilent 6538 UHD	Acq Date, Time	05/04/2024 11:27:38 AM
Comment	ESI-				

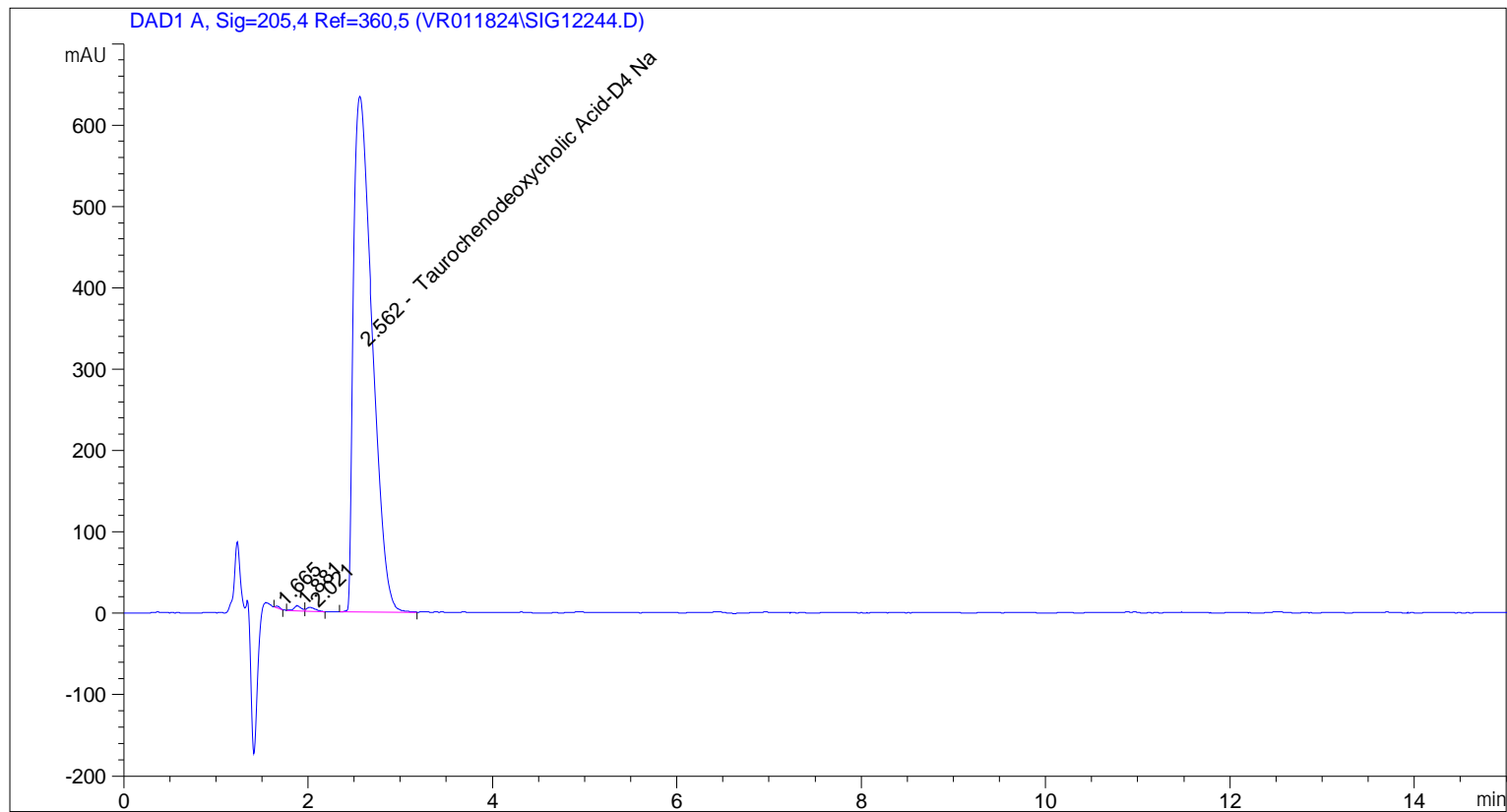


C26 H41 D4 N O6 S: -ESI Scan (0.5-0.6 min, 7 Scans) Frag=150.0V 240405_5161.d Subtract



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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 15
Injection Date  : 4/3/2024 8:00:52 AM
                                           Inj Volume : 20.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR040124_117.M
Last changed   : 4/3/2024 7:59:31 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR040324_117PM.M
Last changed   : 4/3/2024 8:53:54 AM by vrusu
  
```



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 Area Percent Report
 =====

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Sorted By      :      Signal
Calib. Data Modified :      4/3/2024 8:50:10 AM
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	1.665	BB	0.0496	6.31657	0.0707	?
2	1.881	BV	0.0812	33.00909	0.3695	?
3	2.021	VB	0.0964	31.33865	0.3508	?
4	2.562	BB	0.2151	8863.04199	99.2090	Taurochenodeoxycholic Acid-D4 Na

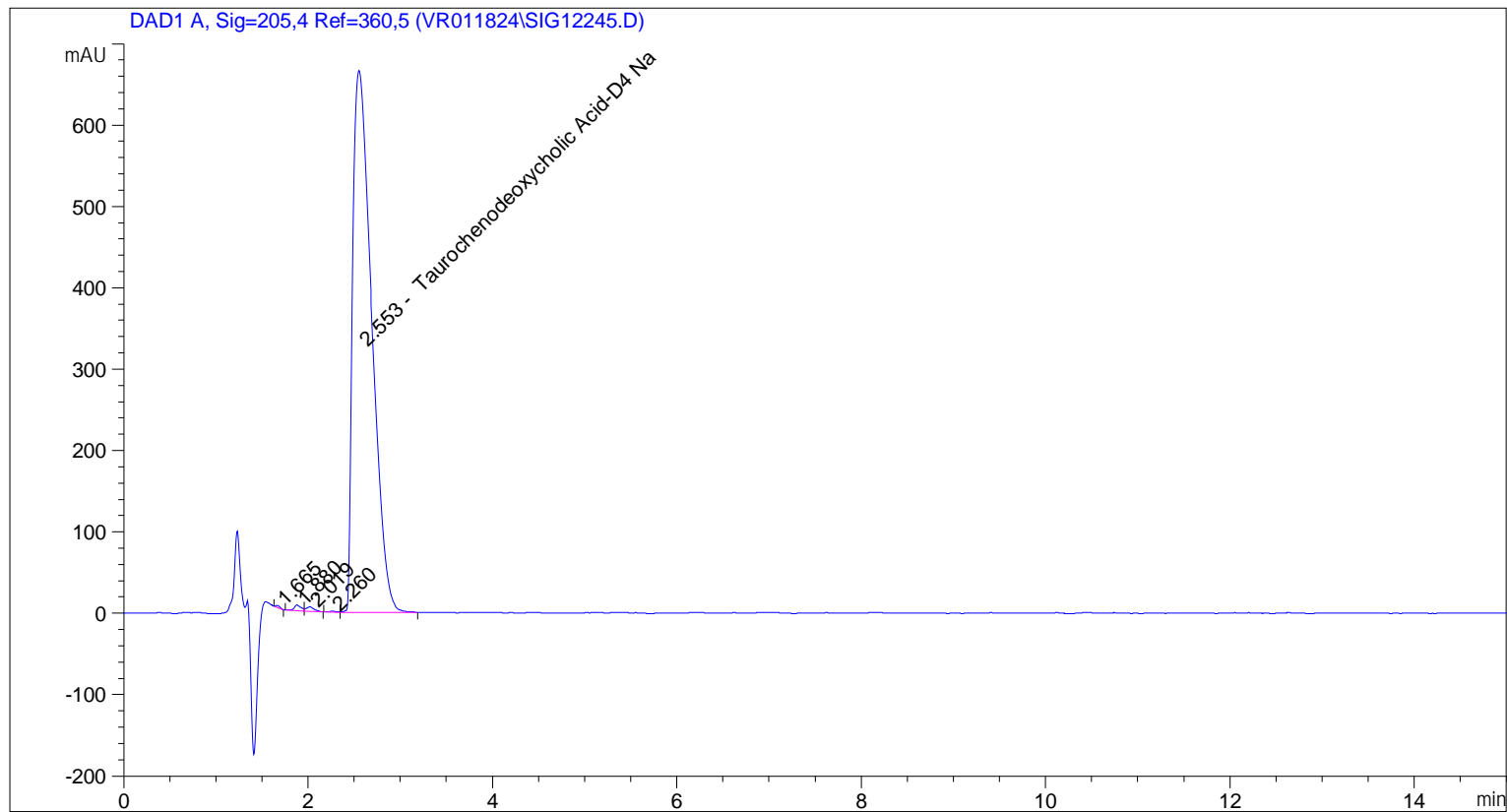
Totals : 8933.70629

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 16
Injection Date  : 4/3/2024 8:22:22 AM
                                           Inj Volume : 20.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR040124_117.M
Last changed    : 4/3/2024 8:21:02 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR040324_117PM.M
Last changed    : 4/3/2024 8:53:54 AM by vrusu
  
```



Area Percent Report

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Sorted By           : Signal
Calib. Data Modified : 4/3/2024 8:50:10 AM
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	1.665	BB	0.0521	6.86264	0.0719	?
2	1.880	BV	0.0814	38.93547	0.4080	?
3	2.019	VB	0.0902	32.61285	0.3418	?
4	2.260	BV	0.0814	5.54226	0.0581	?
5	2.553	VB	0.2178	9458.35254	99.1202	Taurochenodeoxycholic Acid-D4 Na

Totals : 9542.30576

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*** End of Report ***