

# Quantitative Analysis Complete Report

<b>Batch Path</b>	D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606_Coastal_Levo.batch.bin					
<b>Analysis Time</b>	6/20/2024 3:13 PM	<b>Analyst Name</b>			WD65109\LC-MS	
<b>Report Time</b>	6/20/2024 3:15:27 PM	<b>Reporter Name</b>			WD65109\LC-MS	
<b>Last Calib Update</b>	6/20/2024 2:40 PM	<b>Batch State</b>			Processed	
<b>Quant Batch Version</b>	10.1	<b>Quant Report Version</b>			10.1	
Data File	Sample Name	Sample Type	Position	Inj Vol	Level	Acq. Method
200ppb.d	Levo-200ppb	Cal	P1-A4	20	10	Levo_Gambaro_2008_adjusted.m
100ppb.d	Levo-100ppb	Cal	P1-A5	20	9	Levo_Gambaro_2008_adjusted.m
50ppb.d	Levo-50ppb	Cal	P1-A6	20	8	Levo_Gambaro_2008_adjusted.m
20ppb.d	Levo-20ppb	Cal	P1-A7	20	7	Levo_Gambaro_2008_adjusted.m
10ppb.d	Levo-10ppb	Cal	P1-A8	20	6	Levo_Gambaro_2008_adjusted.m
5ppb.d	Levo-5ppb	Cal	P1-A9	20	5	Levo_Gambaro_2008_adjusted.m
2ppb.d	Levo-2ppb	Cal	P1-B1	20	4	Levo_Gambaro_2008_adjusted.m
1ppb.d	Levo-1ppb	Cal	P1-B2	20	3	Levo_Gambaro_2008_adjusted.m
0.5ppb.d	Levo-0.5ppb	Cal	P1-B3	20	2	Levo_Gambaro_2008_adjusted.m
0.2ppb.d	Levo-0.2ppb	Cal	P1-B4	20	1	Levo_Gambaro_2008_adjusted.m
Blank2.d	Blank-2	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank3.d	Blank-3	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank4.d	Blank-4	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank5.d	Blank-5	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank6.d	Blank-6	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank7.d	Blank-7	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank8.d	Blank-8	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank9.d	Blank-9	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
Blank10.d	Blank-10	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
LAG1.d	LAG1	Sample	P1-B5	20		Levo_Gambaro_2008_adjusted.m
LAG2.d	LAG2	Sample	P1-B6	20		Levo_Gambaro_2008_adjusted.m
LAG3.d	LAG3	Sample	P1-B7	20		Levo_Gambaro_2008_adjusted.m
LAG4.d	LAG4	Sample	P1-B8	20		Levo_Gambaro_2008_adjusted.m
LAG5.d	LAG5	Sample	P1-B9	20		Levo_Gambaro_2008_adjusted.m
LAG6.d	LAG6	Sample	P1-C1	20		Levo_Gambaro_2008_adjusted.m
LAG7.d	LAG7	Sample	P1-C2	20		Levo_Gambaro_2008_adjusted.m
LAG8.d	LAG8	Sample	P1-C3	20		Levo_Gambaro_2008_adjusted.m
LAG9.d	LAG9	Sample	P1-C4	20		Levo_Gambaro_2008_adjusted.m
LAG10.d	LAG10	Sample	P1-C5	20		Levo_Gambaro_2008_adjusted.m
LAG11.d	LAG11	Sample	P1-C6	20		Levo_Gambaro_2008_adjusted.m
Blank11.d	Blank-11	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
CKSTD1-2ppb.d	CKSTD1-2ppb	Sample	P1-B1	20		Levo_Gambaro_2008_adjusted.m
Blank12.d	Blank-12	Sample	P1-A1	20		Levo_Gambaro_2008_adjusted.m
MAJ1.d	MAJ1	Sample	P1-C7	20		Levo_Gambaro_2008_adjusted.m
MAJ2.d	MAJ2	Sample	P1-C8	20		Levo_Gambaro_2008_adjusted.m
MAJ3.d	MAJ3	Sample	P1-C9	20		Levo_Gambaro_2008_adjusted.m

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MAJ4.d	MAJ4	Sample	P1-D1	20	Levo_Gambaro_2008_adjusted.m
MAJ5.d	MAJ5	Sample	P1-D2	20	Levo_Gambaro_2008_adjusted.m
MAJ6.d	MAJ6	Sample	P1-D3	20	Levo_Gambaro_2008_adjusted.m
MAJ7.d	MAJ7	Sample	P1-D4	20	Levo_Gambaro_2008_adjusted.m
MAJ8.d	MAJ8	Sample	P1-D5	20	Levo_Gambaro_2008_adjusted.m
MAJ9.d	MAJ9	Sample	P1-D6	20	Levo_Gambaro_2008_adjusted.m
MAJ10.d	MAJ10	Sample	P1-D7	20	Levo_Gambaro_2008_adjusted.m
MAJ11.d	MAJ11	Sample	P1-D8	20	Levo_Gambaro_2008_adjusted.m
Blank13.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
CKSTD1-5ppb.d	CKSTD-5ppb	Sample	P1-A9	20	Levo_Gambaro_2008_adjusted.m
Blank14.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
PESC1.d	PESC1	Sample	P1-D9	20	Levo_Gambaro_2008_adjusted.m
PESC2.d	PESC2	Sample	P1-E1	20	Levo_Gambaro_2008_adjusted.m
PESC3.d	PESC3	Sample	P1-E2	20	Levo_Gambaro_2008_adjusted.m
PESC4.d	PESC4	Sample	P1-E3	20	Levo_Gambaro_2008_adjusted.m
PESC5.d	PESC5	Sample	P1-E4	20	Levo_Gambaro_2008_adjusted.m
PESC6.d	PESC6	Sample	P1-E5	20	Levo_Gambaro_2008_adjusted.m
PESC7.d	PESC7	Sample	P1-E6	20	Levo_Gambaro_2008_adjusted.m
PESC9.d	PESC9	Sample	P1-E8	20	Levo_Gambaro_2008_adjusted.m
PESC10.d	PESC10	Sample	P1-E9	20	Levo_Gambaro_2008_adjusted.m
PESC11.d	PESC11	Sample	P1-F1	20	Levo_Gambaro_2008_adjusted.m
Blank15.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
CKSTD1-0.2ppb.d	CKSTD-0.2ppb	Sample	P1-B4	20	Levo_Gambaro_2008_adjusted.m
Blank16.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
SAN1.d	SAN1	Sample	P1-F2	20	Levo_Gambaro_2008_adjusted.m
SAN2.d	SAN2	Sample	P1-F3	20	Levo_Gambaro_2008_adjusted.m
SAN3.d	SAN3	Sample	P1-F4	20	Levo_Gambaro_2008_adjusted.m
SAN4.d	SAN4	Sample	P1-F5	20	Levo_Gambaro_2008_adjusted.m
SAN5.d	SAN5	Sample	P1-F6	20	Levo_Gambaro_2008_adjusted.m
SAN6.d	SAN6	Sample	P1-F7	20	Levo_Gambaro_2008_adjusted.m
SAN7.d	SAN7	Sample	P1-F8	20	Levo_Gambaro_2008_adjusted.m
SAN9.d	SAN9	Sample	P2-A1	20	Levo_Gambaro_2008_adjusted.m
SAN10.d	SAN10	Sample	P2-A2	20	Levo_Gambaro_2008_adjusted.m
SAN11.d	SAN11	Sample	P2-A3	20	Levo_Gambaro_2008_adjusted.m
Blank17.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
CKSTD1-1ppb.d	CKSTD-1ppb	Sample	P1-B2	20	Levo_Gambaro_2008_adjusted.m
Blank18.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
SCT1.d	SCT1	Sample	P2-A4	20	Levo_Gambaro_2008_adjusted.m
SCT3.d	SCT3	Sample	P2-A6	20	Levo_Gambaro_2008_adjusted.m
SCT4.d	SCT4	Sample	P2-A7	20	Levo_Gambaro_2008_adjusted.m
SCT5.d	SCT5	Sample	P2-A8	20	Levo_Gambaro_2008_adjusted.m
SCT6.d	SCT6	Sample	P2-A9	20	Levo_Gambaro_2008_adjusted.m

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SCT7.d	SCT7	Sample	P2-B1	20	Levo_Gambaro_2008_adjusted.m
SCT8.d	SCT8	Sample	P2-B2	20	Levo_Gambaro_2008_adjusted.m
SCT9.d	SCT9	Sample	P2-B3	20	Levo_Gambaro_2008_adjusted.m
SCT10.d	SCT10	Sample	P2-B4	20	Levo_Gambaro_2008_adjusted.m
SCT11.d	SCT11	Sample	P2-B5	20	Levo_Gambaro_2008_adjusted.m
Blank19.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m
CKSTD-0.5ppb.d	CKSTD-0.5ppb	Sample	P1-B3	20	Levo_Gambaro_2008_adjusted.m
Blank20.d	Blank	Sample	P1-A1	20	Levo_Gambaro_2008_adjusted.m

## Quantitation Results

### Levoglucosan

Data File	Compound	Sample Type	RT	Resp.	Final Conc	Exp. Conc	Accuracy
200ppb.d	Levoglucosan	Calibration	0.974	19623	437.3247	200.0000	218.7
100ppb.d	Levoglucosan	Calibration	0.979	10800	245.7040	100.0000	245.7
50ppb.d	Levoglucosan	Calibration	0.986	6408	150.3073	50.0000	300.6
20ppb.d	Levoglucosan	Calibration	0.979	2926	74.6830	20.0000	373.4
10ppb.d	Levoglucosan	Calibration	0.980	1305	39.4732	10.0000	394.7
5ppb.d	Levoglucosan	Calibration	0.971	721	26.7893	5.0000	535.8
2ppb.d	Levoglucosan	Calibration	0.976	468	21.2920	2.0000	1064.6
1ppb.d	Levoglucosan	Calibration	0.991	304	17.7328	1.0000	1773.3
0.5ppb.d	Levoglucosan	Calibration	1.060	223	15.9805	0.5000	3196.1
0.2ppb.d	Levoglucosan	Calibration	1.093	181	15.0764	0.2000	7538.2
Blank2.d	Levoglucosan	Sample	1.038	209	15.6862		
Blank3.d	Levoglucosan	Sample	0.999	165	14.7159		
Blank4.d	Levoglucosan	Sample	1.080	166	14.7523		
Blank5.d	Levoglucosan	Sample	1.035	150	14.3890		
Blank6.d	Levoglucosan	Sample	1.060	160	14.6027		
Blank7.d	Levoglucosan	Sample	1.050	145	14.2853		
Blank8.d	Levoglucosan	Sample	1.074	209	15.6852		
Blank9.d	Levoglucosan	Sample	0.999	159	14.5798		
Blank10.d	Levoglucosan	Sample	1.077	117	13.6777		
LAG1.d	Levoglucosan	Sample	1.037	117	13.6786		
LAG2.d	Levoglucosan	Sample	0.966	2392	63.0870		
LAG3.d	Levoglucosan	Sample	0.952	2759	71.0642		
LAG4.d	Levoglucosan	Sample	0.964	378	19.3427		
LAG5.d	Levoglucosan	Sample	0.959	2011	54.8141		
LAG6.d	Levoglucosan	Sample	0.964	645	25.1484		
LAG7.d	Levoglucosan	Sample	0.949	496	21.9168		
LAG8.d	Levoglucosan	Sample	0.971	830	29.1698		
LAG9.d	Levoglucosan	Sample	0.957	255	16.6781		
LAG10.d	Levoglucosan	Sample	0.966	309	17.8475		
LAG11.d	Levoglucosan	Sample	0.950	253	16.6318		
Blank11.d	Levoglucosan	Sample	1.075	144	14.2604		

# Quantitative Analysis Complete Report

## Levoglucosan

Data File	Compound	Sample Type	RT	Resp.	Final Conc	Exp. Conc	Accuracy
CKSTD1-2ppb.d	Levoglucosan	Sample	0.975	541	22.8930		
Blank12.d	Levoglucosan	Sample	1.113	220	15.9116		
MAJ1.d	Levoglucosan	Sample	0.969	201	15.5119		
MAJ2.d	Levoglucosan	Sample	0.950	463	21.2005		
MAJ3.d	Levoglucosan	Sample	0.971	900	30.6838		
MAJ4.d	Levoglucosan	Sample	0.975	179	15.0250		
MAJ5.d	Levoglucosan	Sample	0.975	588	23.9006		
MAJ6.d	Levoglucosan	Sample	0.961	308	17.8318		
MAJ7.d	Levoglucosan	Sample	0.961	597	24.1135		
MAJ8.d	Levoglucosan	Sample	0.968	777	28.0157		
MAJ9.d	Levoglucosan	Sample	0.973	487	21.7221		
MAJ10.d	Levoglucosan	Sample	0.999	291	17.4523		
MAJ11.d	Levoglucosan	Sample	0.971	196	15.3985		
Blank13.d	Levoglucosan	Sample	1.008	145	14.2825		
CKSTD1-5ppb.d	Levoglucosan	Sample	0.972	762	27.6796		
Blank14.d	Levoglucosan	Sample	1.114	184	15.1318		
PESC1.d	Levoglucosan	Sample	0.939	384	19.4686		
PESC2.d	Levoglucosan	Sample	0.973	747	27.3555		
PESC3.d	Levoglucosan	Sample	1.011	430	20.4740		
PESC4.d	Levoglucosan	Sample	0.973	380	19.3831		
PESC5.d	Levoglucosan	Sample	0.978	396	19.7347		
PESC6.d	Levoglucosan	Sample	1.060	366	19.0838		
PESC7.d	Levoglucosan	Sample	0.977	439	20.6804		
PESC9.d	Levoglucosan	Sample	1.129	409	20.0296		
PESC10.d	Levoglucosan	Sample	1.086	265	16.8844		
PESC11.d	Levoglucosan	Sample	0.986	295	17.5388		
Blank15.d	Levoglucosan	Sample	1.076	68	12.6113		
CKSTD1-0.2ppb.d	Levoglucosan	Sample	1.117	159	14.5933		
Blank16.d	Levoglucosan	Sample	0.986	112	13.5779		
SAN1.d	Levoglucosan	Sample	0.952	293	17.5069		
SAN2.d	Levoglucosan	Sample	0.965	1945	53.3801		
SAN3.d	Levoglucosan	Sample	0.968	1535	44.4700		
SAN4.d	Levoglucosan	Sample	0.962	334	18.3861		
SAN5.d	Levoglucosan	Sample	0.981	963	32.0491		
SAN6.d	Levoglucosan	Sample	0.958	617	24.5284		
SAN7.d	Levoglucosan	Sample	0.964	827	29.0928		
SAN9.d	Levoglucosan	Sample	0.979	377	19.3189		
SAN10.d	Levoglucosan	Sample	0.996	455	21.0231		
SAN11.d	Levoglucosan	Sample	0.980	297	17.5788		
Blank17.d	Levoglucosan	Sample	1.025	87	13.0202		

# Quantitative Analysis Complete Report

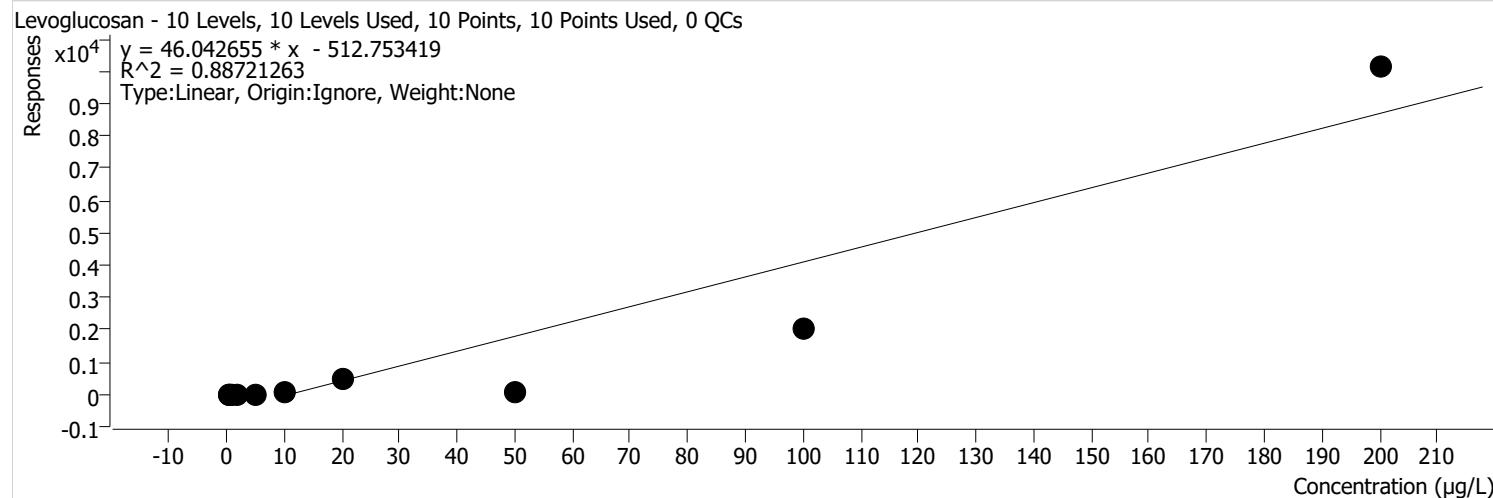
## Levoglucosan

Data File	Compound	Sample Type	RT	Resp.	Final Conc	Exp. Conc	Accuracy
CKSTD1-1ppb.d	Levoglucosan	Sample	1.084	254	16.6558		
Blank18.d	Levoglucosan	Sample	1.060	132	14.0043		
SCT1.d	Levoglucosan	Sample	0.998	388	19.5659		
SCT3.d	Levoglucosan	Sample	0.976	4378	106.2115		
SCT4.d	Levoglucosan	Sample	1.004	400	19.8155		
SCT5.d	Levoglucosan	Sample	0.961	718	26.7223		
SCT6.d	Levoglucosan	Sample	1.010	386	19.5121		
SCT7.d	Levoglucosan	Sample	1.016	258	16.7339		
SCT8.d	Levoglucosan	Sample	0.991	410	20.0488		
SCT9.d	Levoglucosan	Sample	0.972	1238	38.0312		
SCT10.d	Levoglucosan	Sample	1.059	337	18.4631		
SCT11.d	Levoglucosan	Sample	0.955	435	20.5808		
Blank19.d	Levoglucosan	Sample	1.080	195	15.3788		
CKSTD-0.5ppb.d	Levoglucosan	Sample	1.042	263	16.8589		
Blank20.d	Levoglucosan	Sample	1.035	219	15.8852		

# Quantitative Analysis Complete Report

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Analysis Time	6/20/2024 3:13 PM	Analyst Name	WD65109\LC-MS
Report Time	6/20/2024 3:15:28 PM	Reporter Name	WD65109\LC-MS
Last Calib Update	6/20/2024 2:40 PM	Batch State	Processed
Quant Batch Version	10.1	Quant Report Version	10.1

## Levoglucosan



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\0.2ppb.d	Calibration	1	x	3	0.2000	12.6340
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\0.5ppb.d	Calibration	2	x	8	0.5000	16.2390
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\1ppb.d	Calibration	3	x	4	1.0000	4.0125
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\2ppb.d	Calibration	4	x	14	2.0000	6.8695
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\5ppb.d	Calibration	5	x	8	5.0000	1.5624
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\10ppb.d	Calibration	6	x	55	10.0000	5.5065
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\20ppb.d	Calibration	7	x	445	20.0000	22.2289
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\50ppb.d	Calibration	8	x	60	50.0000	1.2055
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\100ppb.d	Calibration	9	x	2048	100.0000	20.4806
D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\200ppb.d	Calibration	10	x	10125	200.0000	50.6253

# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:31 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 5:55 PM

**Data File**

200ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-200ppb

**Dilution**

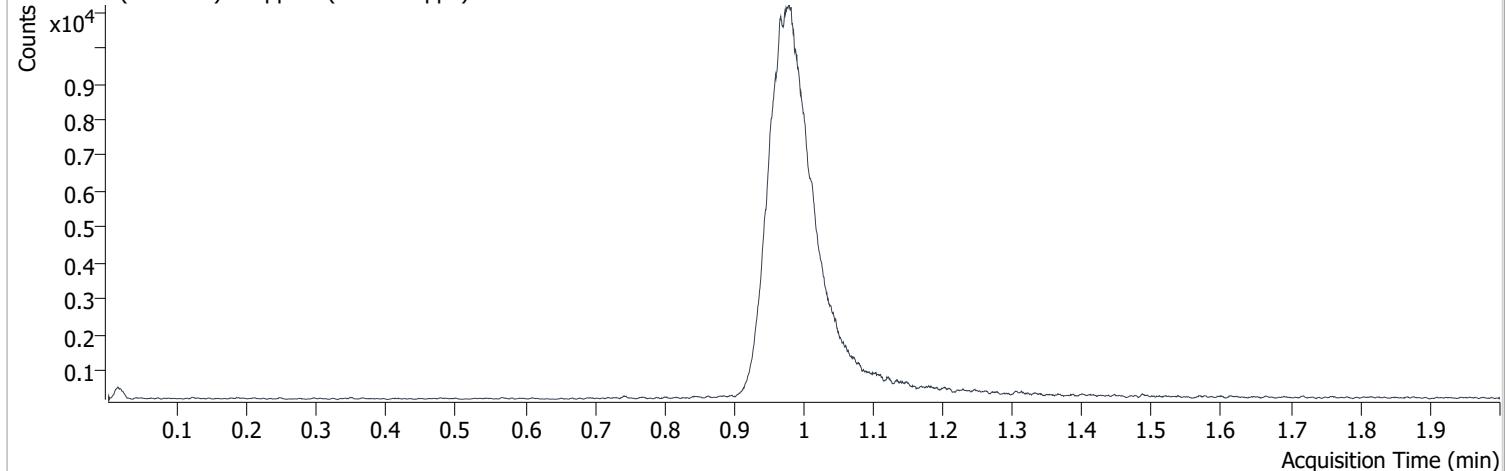
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**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

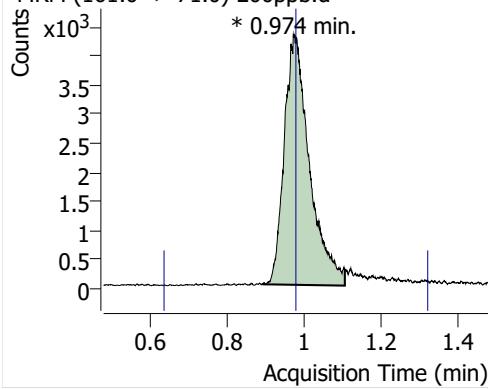
- TIC MRM (\*\* -> \*\*) 200ppb.d (Levo-200ppb)



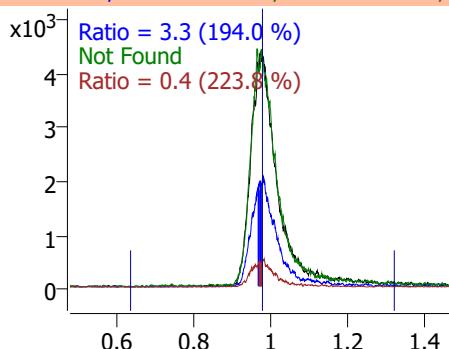
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.974	19623	437.3247	µg/L

**Levoglucosan**

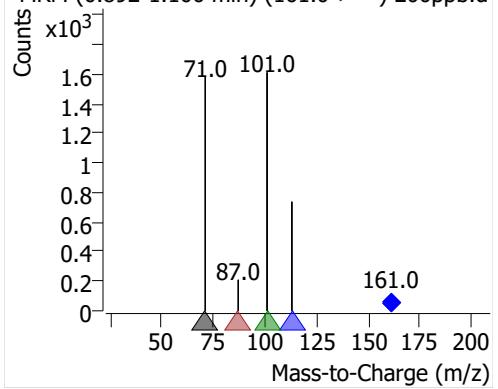
- MRM (161.0 -> 71.0) 200ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.892-1.106 min) (161.0->\*\*) 200ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

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**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:32 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 5:58 PM

**Data File**

100ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-100ppb

**Dilution**

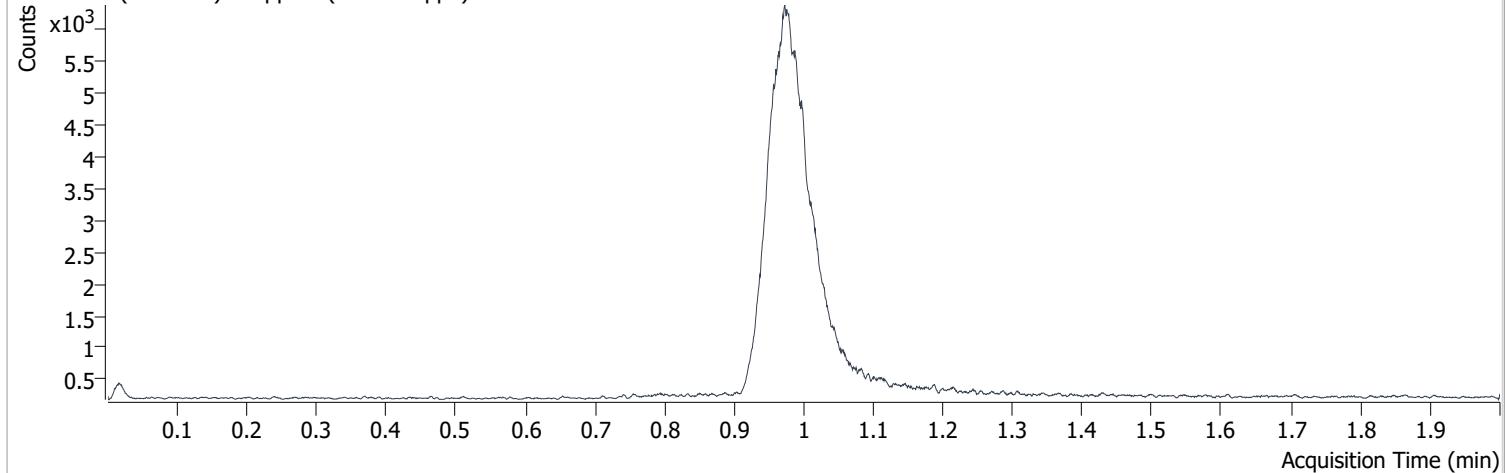
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**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

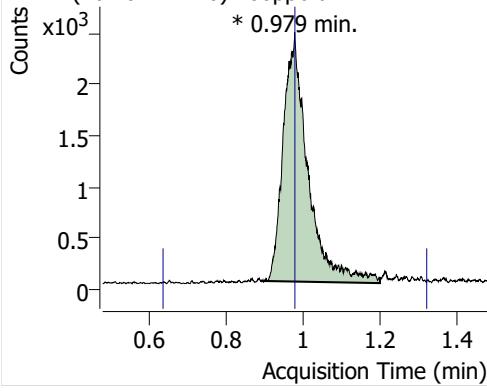
- TIC MRM (\*\* -> \*\*) 100ppb.d (Levo-100ppb)



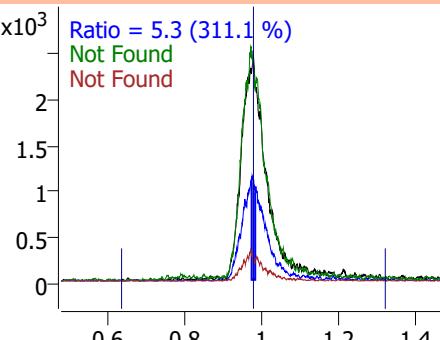
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.979	10800	245.7040	µg/L

**Levoglucosan**

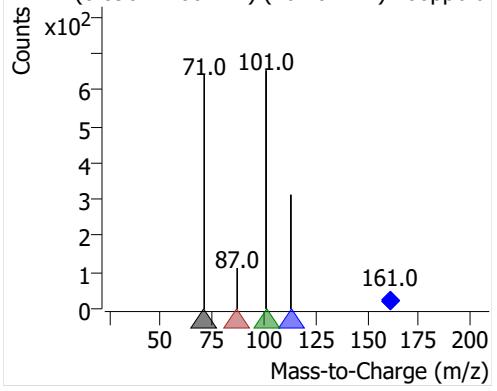
- MRM (161.0 -> 71.0) 100ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.890-1.200 min) (161.0->\*\*) 100ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:32 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:01 PM

**Data File**

50ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-50ppb

**Dilution**

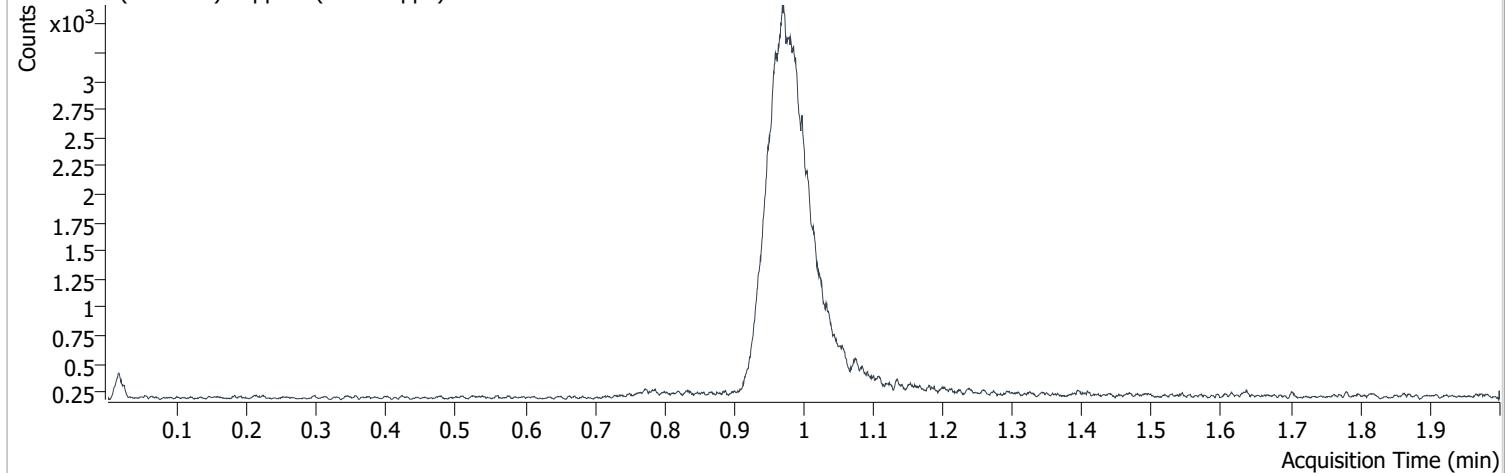
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

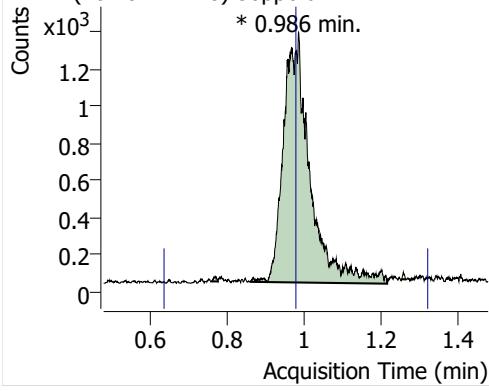
- TIC MRM (\*\* -> \*\*) 50ppb.d (Levo-50ppb)



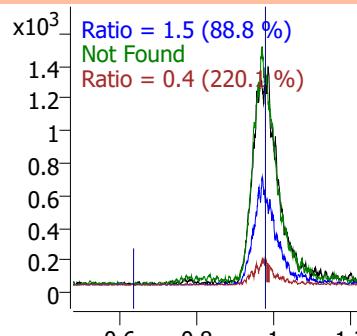
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.986	6408	150.3073	µg/L

**Levoglucosan**

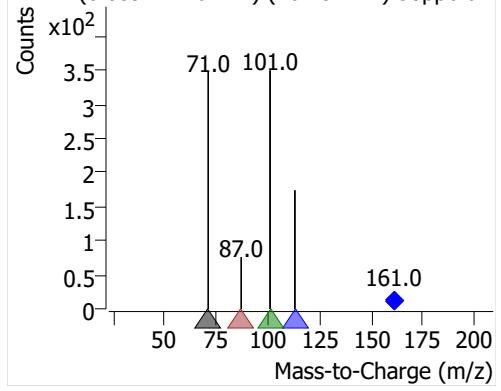
- MRM (161.0 -> 71.0) 50ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.859-1.216 min) (161.0->\*\*) 50ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:33 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:04 PM

**Data File**

20ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-20ppb

**Dilution**

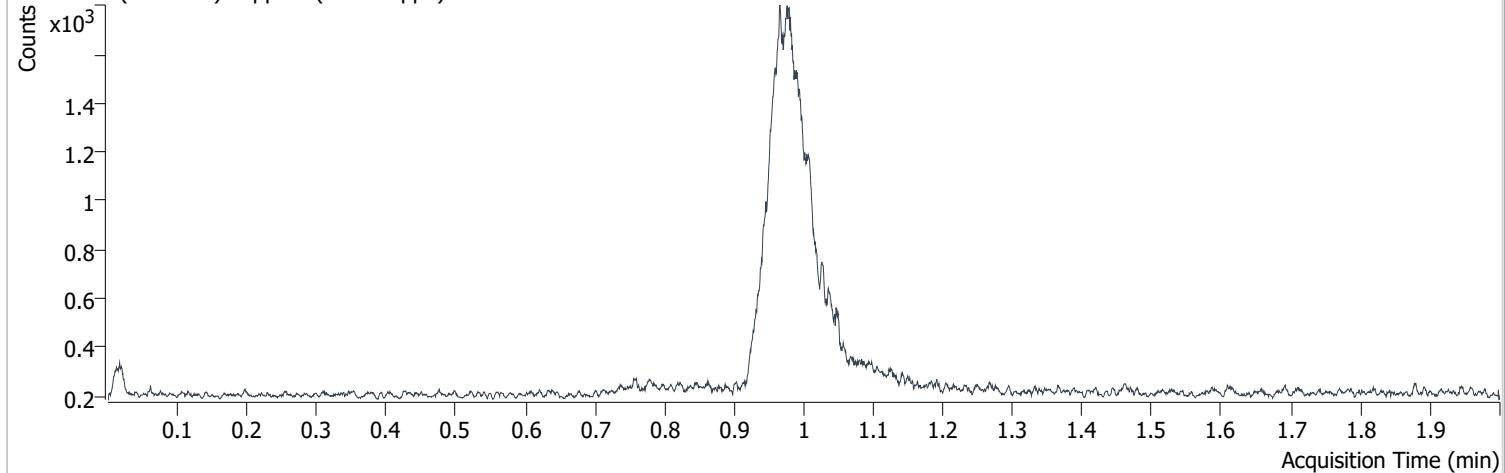
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

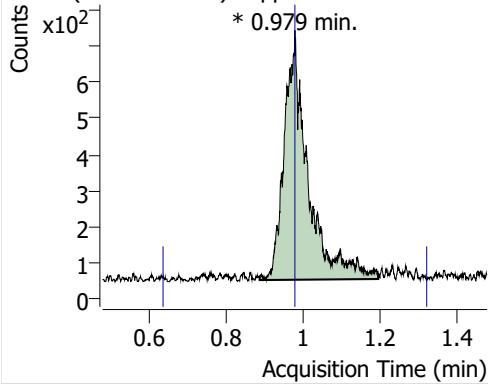
- TIC MRM (\*\* -> \*\*) 20ppb.d (Levo-20ppb)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.979	2926	74.6830	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) 20ppb.d

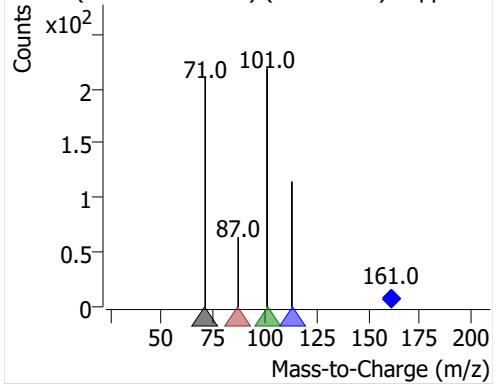


161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.5 (85.8 %)

Not Found  
Not Found

- MRM (0.888-1.196 min) (161.0->\*\*) 20ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:33 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:07 PM

**Data File**

10ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-10ppb

**Dilution**

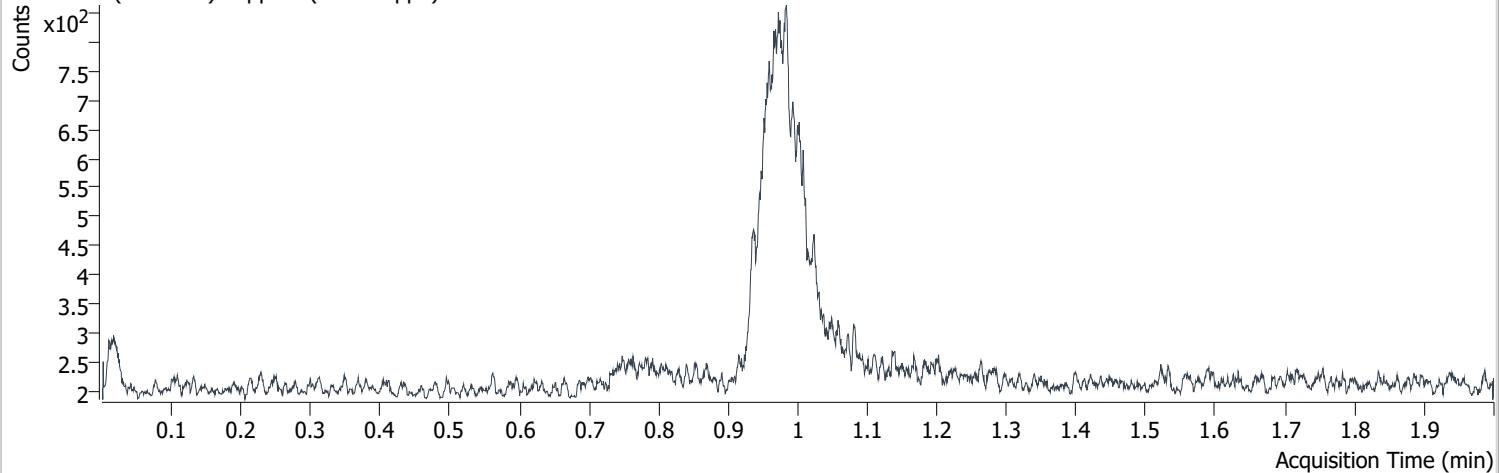
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

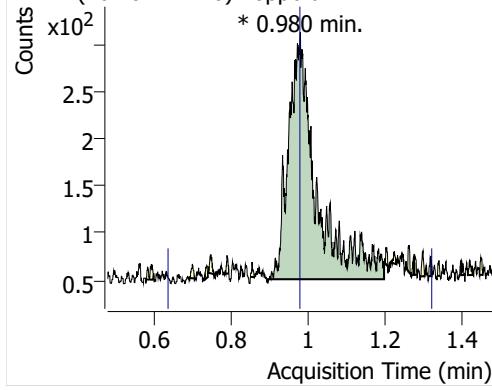
- TIC MRM (\*\* -> \*\*) 10ppb.d (Levo-10ppb)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.980	1305	39.4732	µg/L

**Levoglucosan**

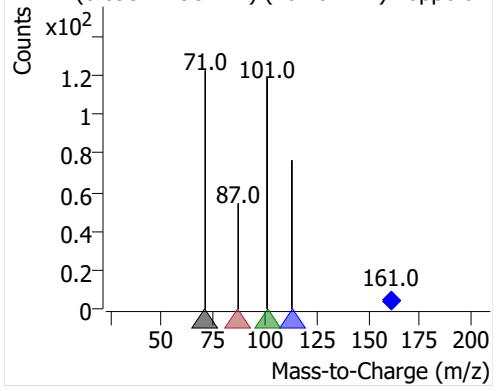
- MRM (161.0 -> 71.0) 10ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 4.6 (270.5 %)  
Ratio = 8.1 (77.4 %)  
Ratio = 0.2 (115.0 %)

- MRM (0.895-1.198 min) (161.0->\*\*) 10ppb.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:33 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 6:10 PM

## Data File

5ppb.d

## Sample Type

Cal

## Sample Name

Levo-5ppb

## Dilution

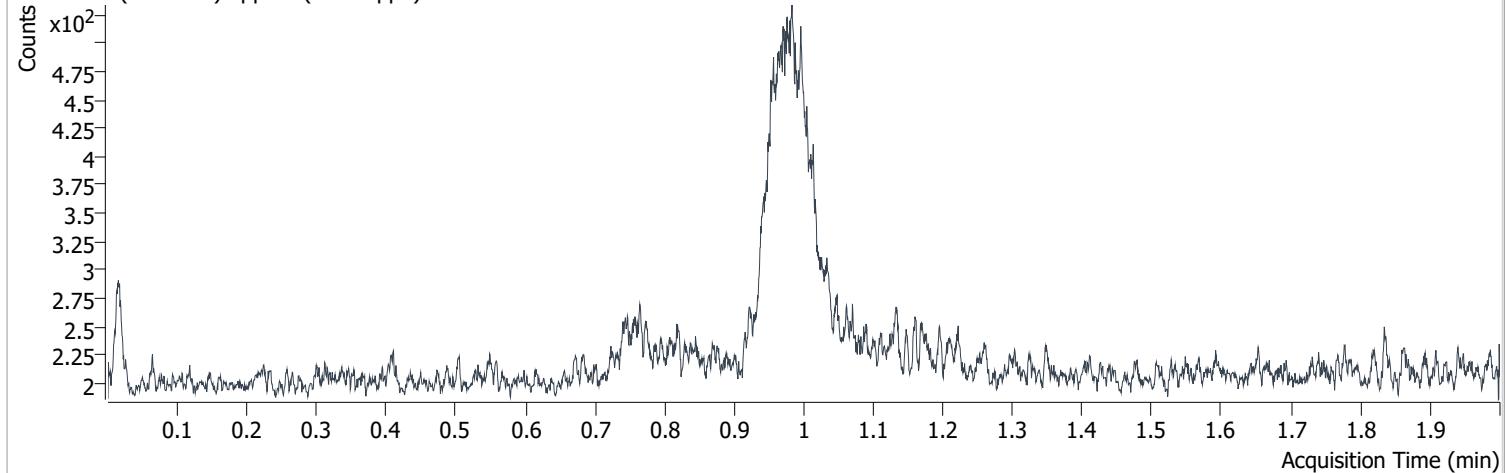
1

## Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

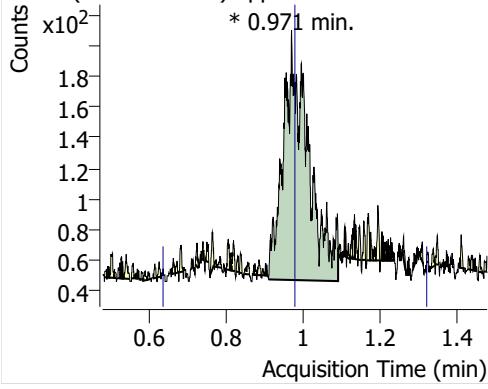
- TIC MRM (\*\* -> \*\*) 5ppb.d (Levo-5ppb)



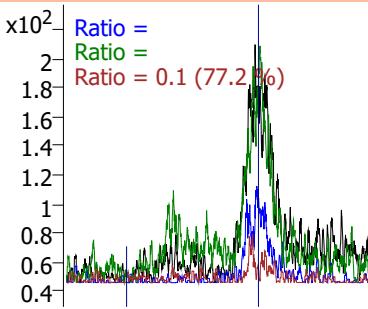
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.971	721	26.7893	µg/L

## Levoglucosan

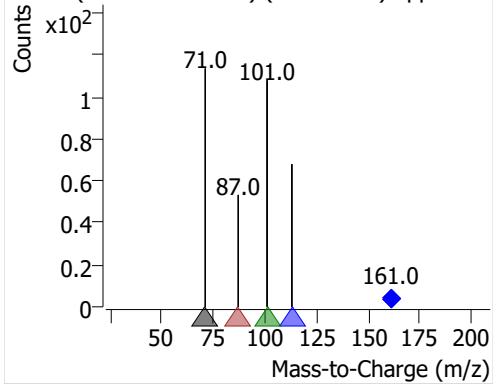
- MRM (161.0 -> 71.0) 5ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.911-1.091 min) (161.0->\*\*) 5ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:33 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:13 PM

**Data File**

2ppb.d

**Sample Type**

Cal

**Sample Name**

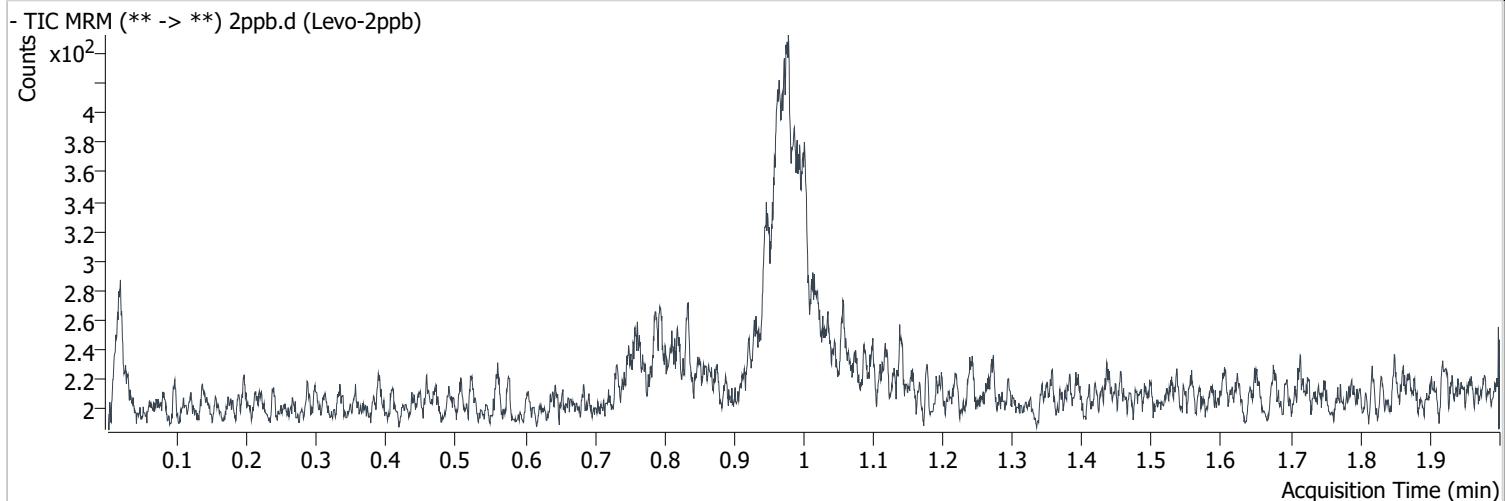
Levo-2ppb

**Dilution**

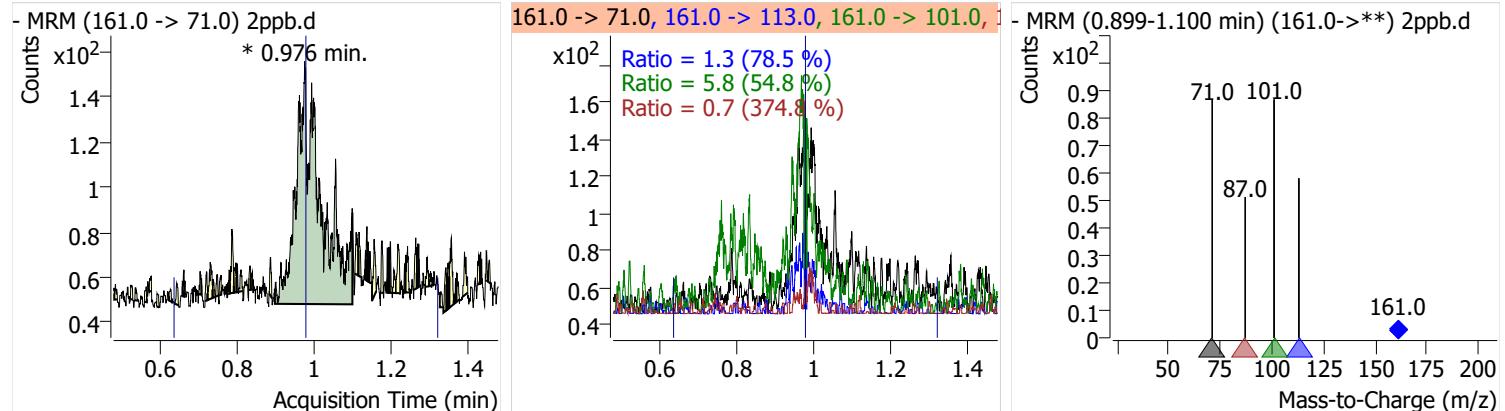
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.976	468	21.2920	$\mu\text{g/L}$

**Levoglucosan**


# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:33 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:16 PM

**Data File**

1ppb.d

**Sample Type**

Cal

**Sample Name**

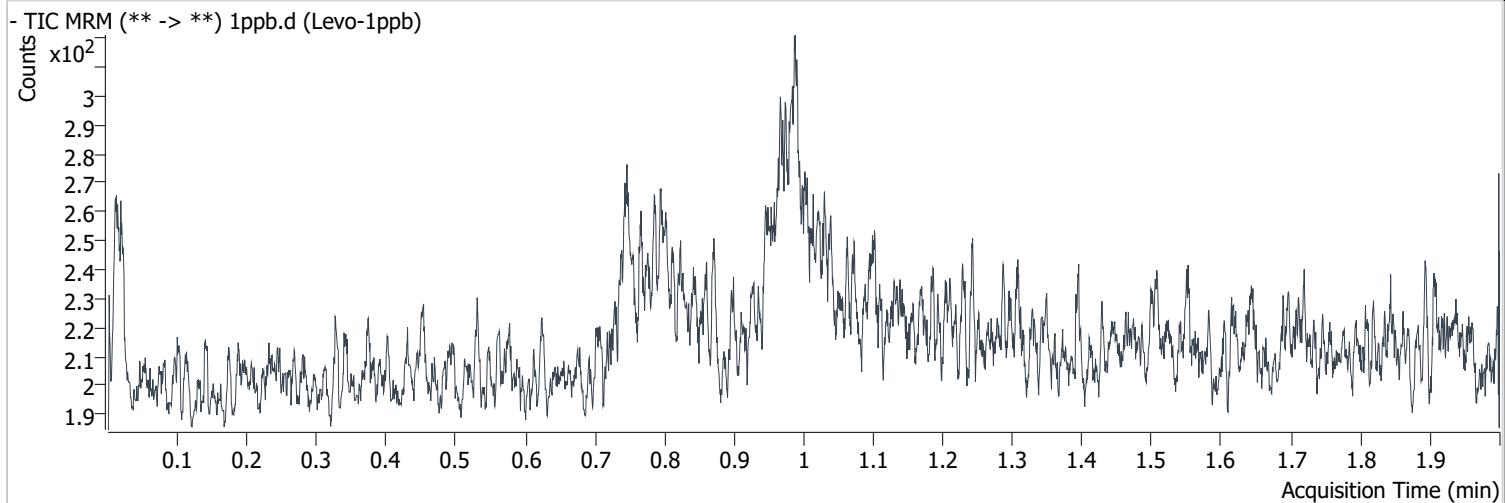
Levo-1ppb

**Dilution**

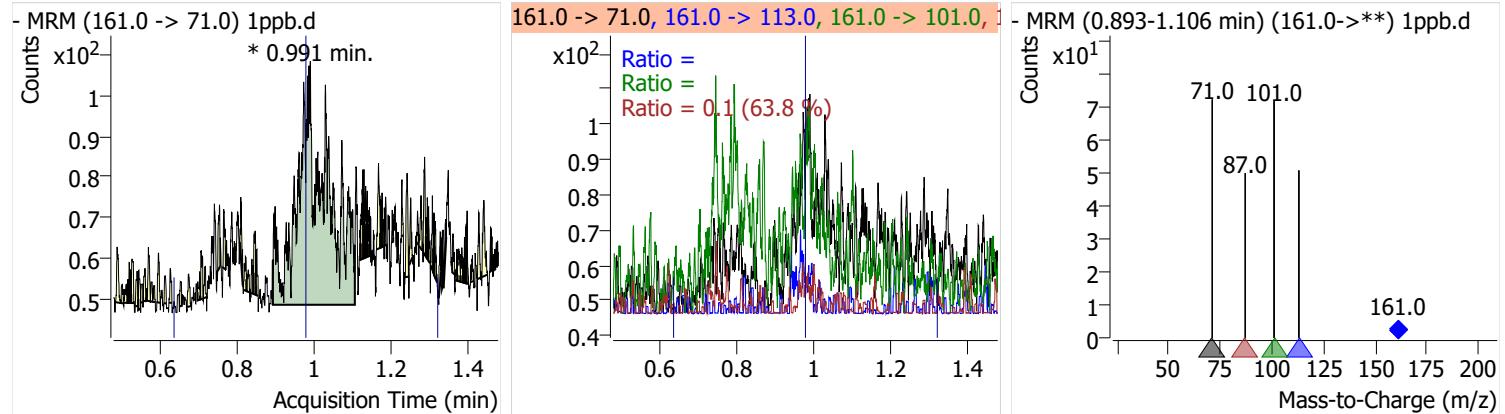
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.991	304	17.7328	$\mu\text{g/L}$

**Levoglucosan**


# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:33 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:19 PM

**Data File**

0.5ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-0.5ppb

**Dilution**

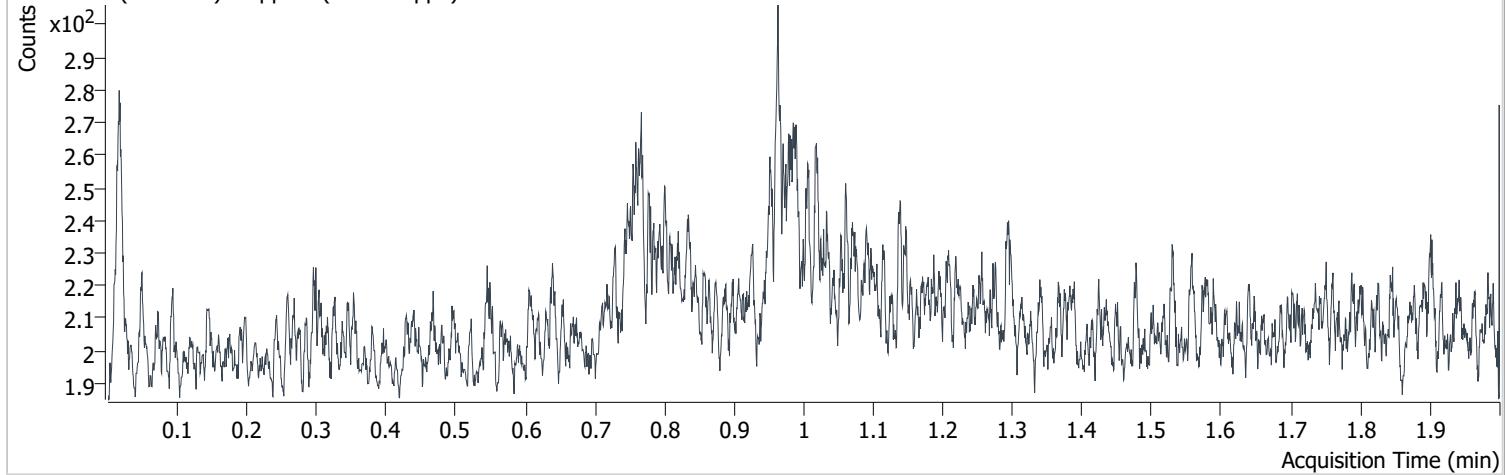
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

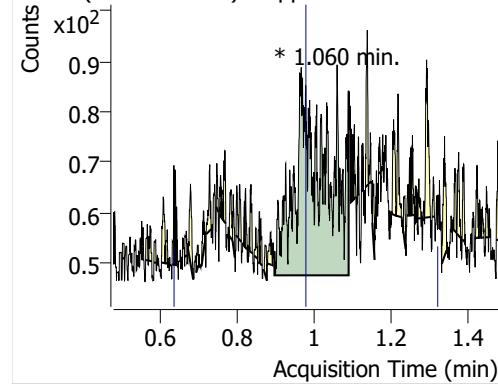
- TIC MRM (\*\* -> \*\*) 0.5ppb.d (Levo-0.5ppb)



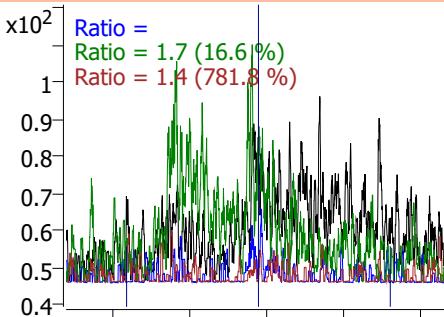
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.060	223	15.9805	µg/L

**Levoglucosan**

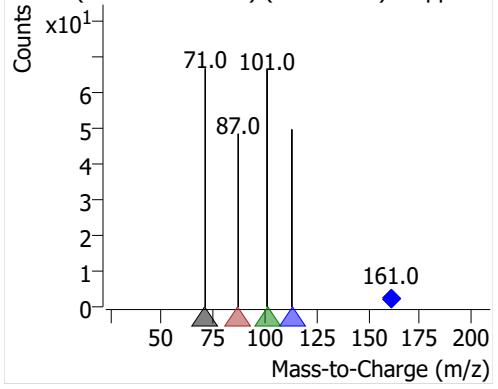
- MRM (161.0 -> 71.0) 0.5ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.897-1.090 min) (161.0->\*\*) 0.5ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:33 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:22 PM

**Data File**

0.2ppb.d

**Sample Type**

Cal

**Sample Name**

Levo-0.2ppb

**Dilution**

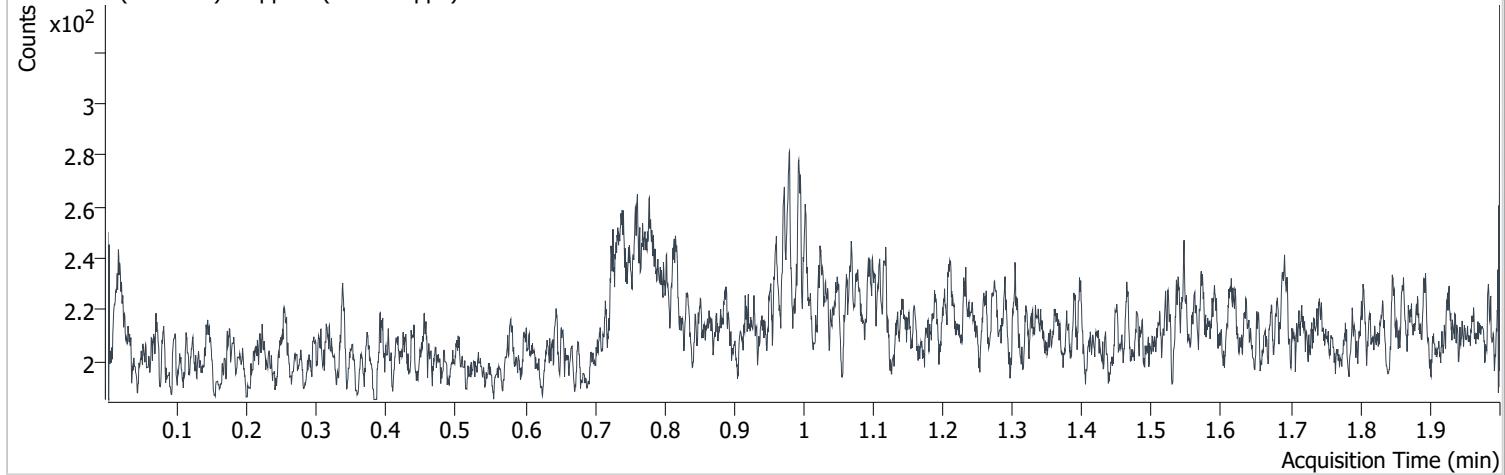
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

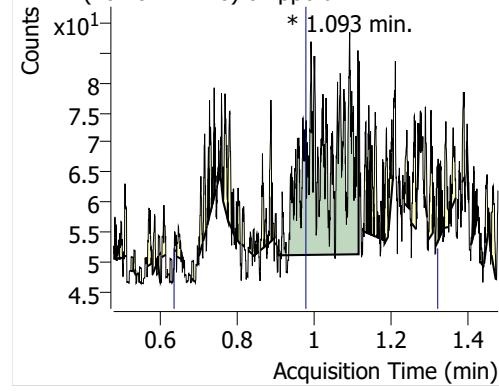
- TIC MRM (\*\* -> \*\*) 0.2ppb.d (Levo-0.2ppb)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.093	181	15.0764	µg/L

**Levoglucosan**

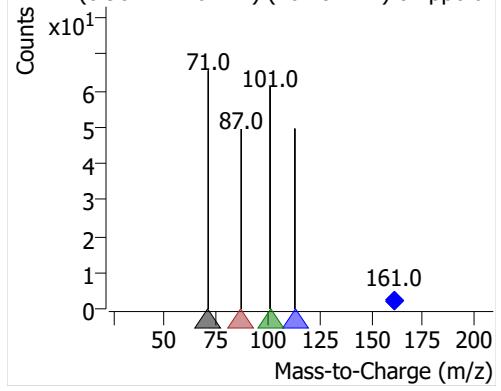
- MRM (161.0 -> 71.0) 0.2ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.0 (58.0 %)  
Ratio = 0.7 (7.1 %)  
Ratio =

- MRM (0.907-1.116 min) (161.0->\*\*) 0.2ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:34 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 6:25 PM

**Data File**

Blank2.d

**Sample Type**

Sample

**Sample Name**

Blank-2

**Dilution**

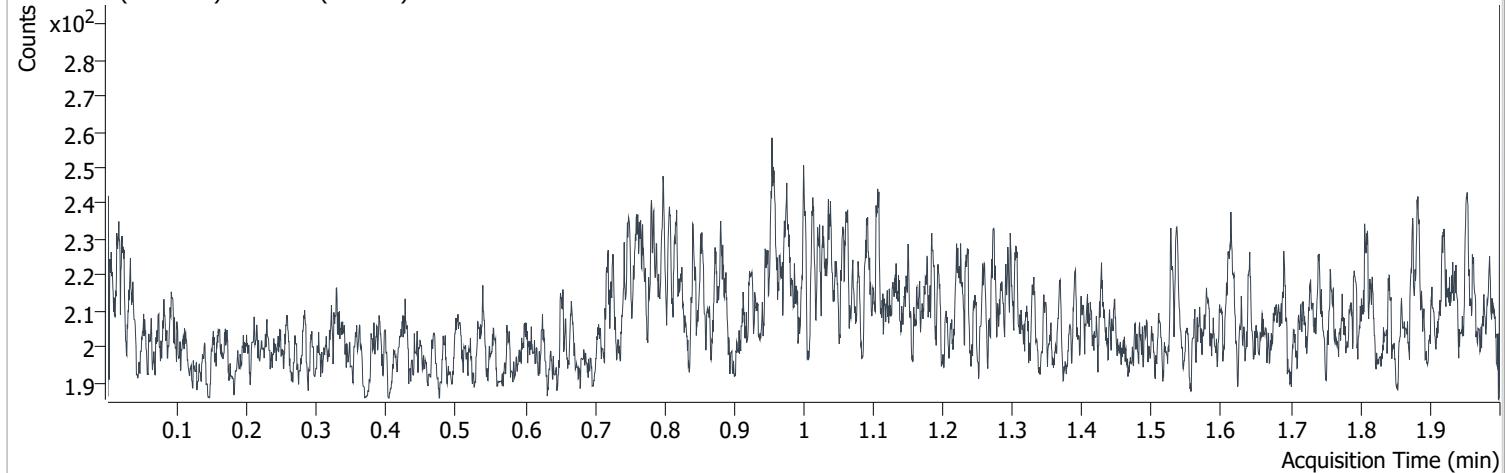
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

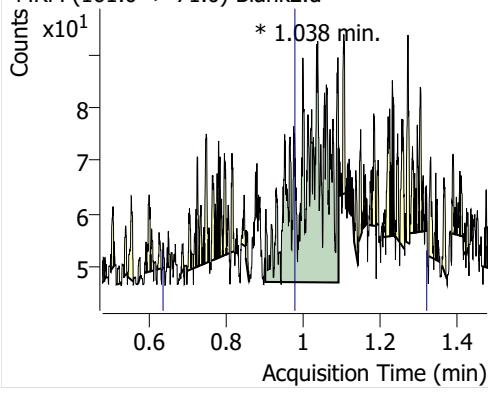
- TIC MRM (\*\* -> \*\*) Blank2.d (Blank-2)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.038	209	15.6862	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank2.d

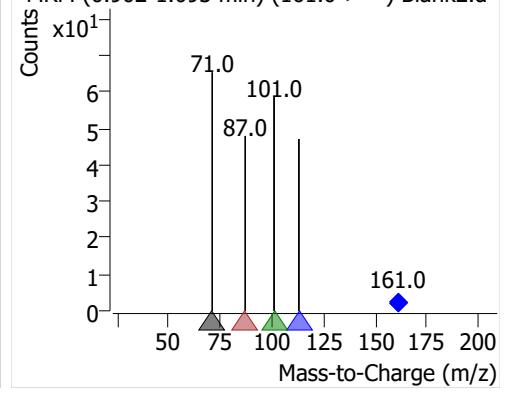


\* 1.038 min.

161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 1

Ratio =  
Ratio = 0.3 (3.0 %)  
Ratio =

- MRM (0.902-1.093 min) (161.0->\*\*) Blank2.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:34 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 7:00 PM

## Data File

Blank3.d

## Sample Type

Sample

## Sample Name

Blank-3

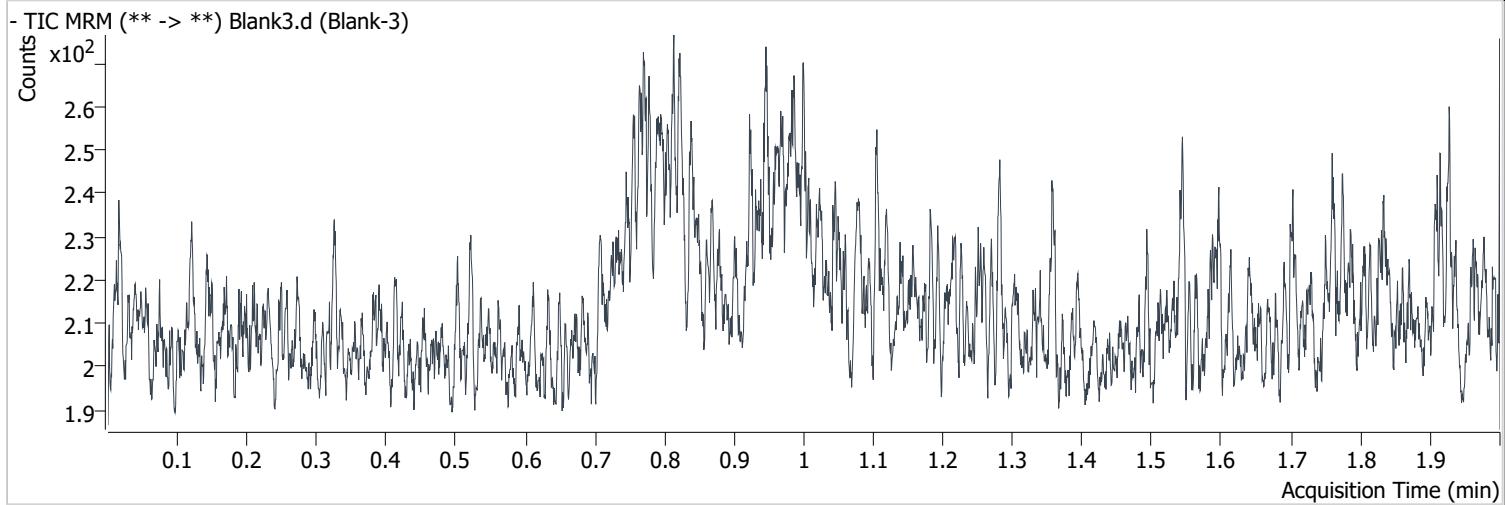
## Dilution

1

## Acq. Method

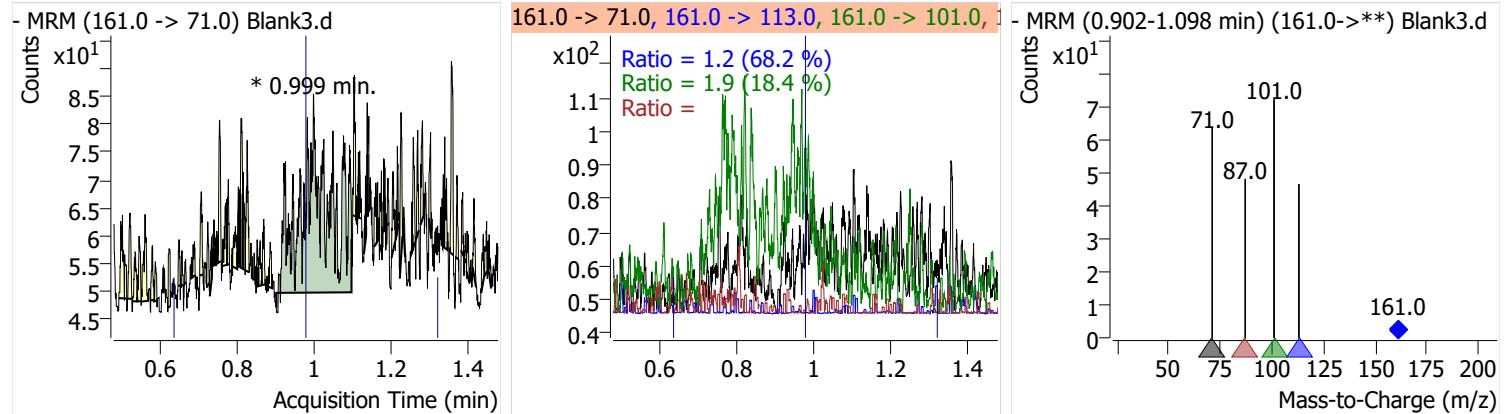
Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.999	165	14.7159	µg/L

## Levoglucosan



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:34 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:03 PM

**Data File**

Blank4.d

**Sample Type**

Sample

**Sample Name**

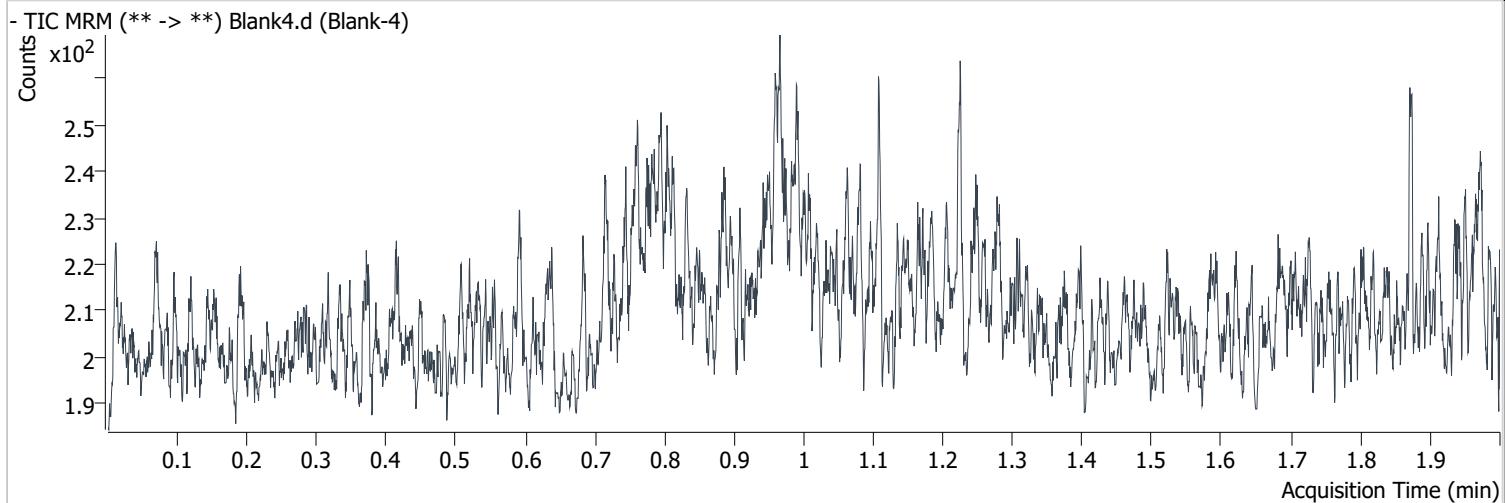
Blank-4

**Dilution**

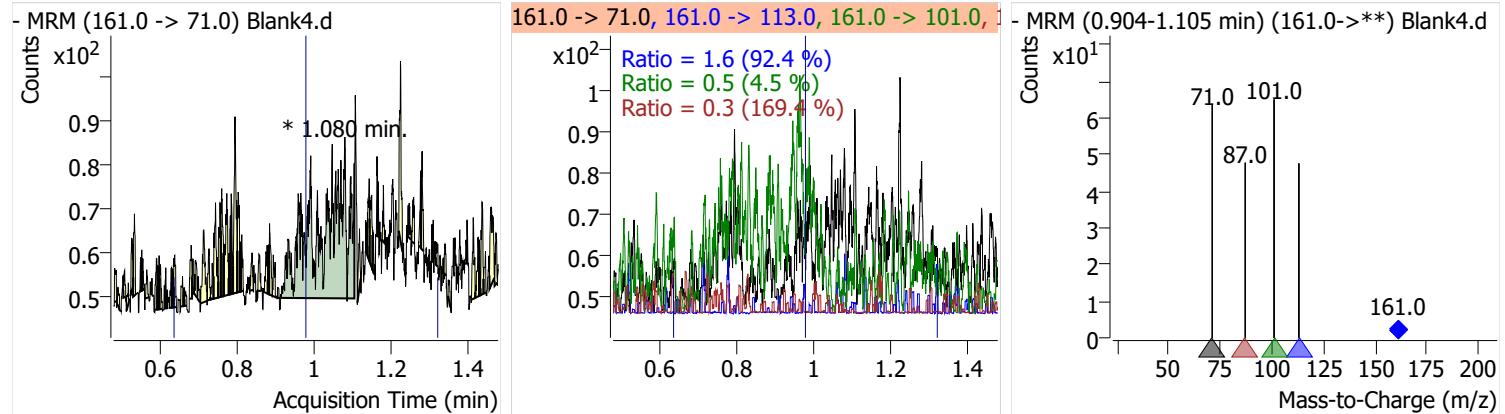
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.080	166	14.7523	$\mu\text{g/L}$

**Levoglucosan**


# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:34 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:06 PM

**Data File**

Blank5.d

**Sample Type**

Sample

**Sample Name**

Blank-5

**Dilution**

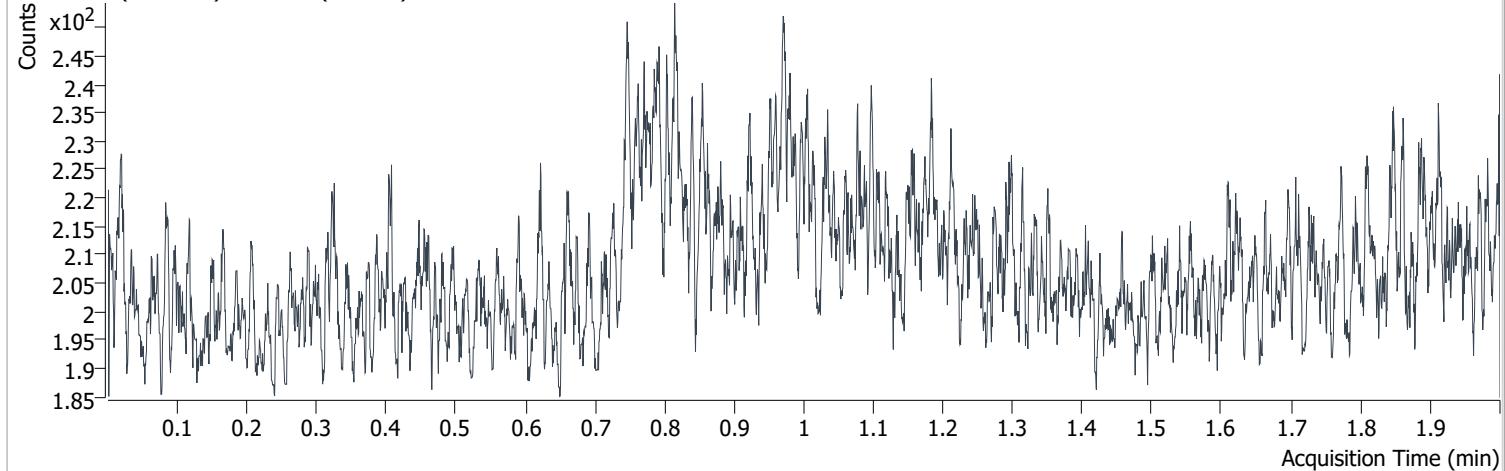
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

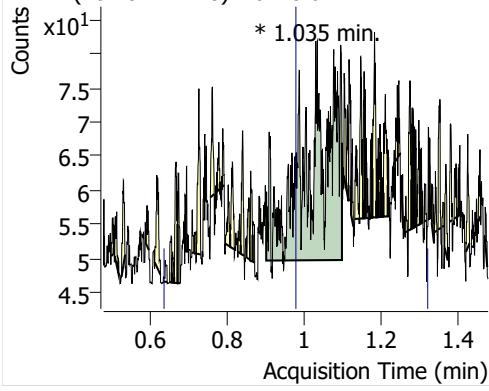
- TIC MRM (\*\* -> \*\*) Blank5.d (Blank-5)



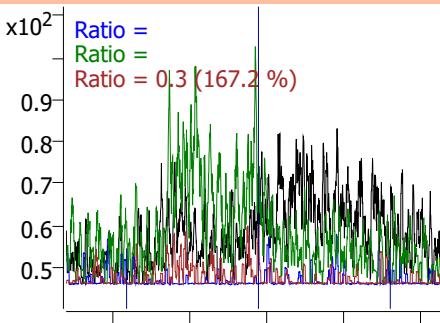
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.035	150	14.3890	µg/L

**Levoglucosan**

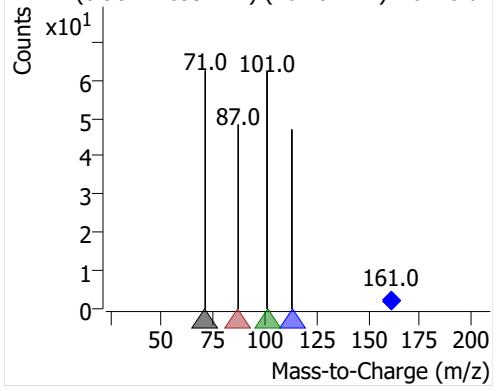
- MRM (161.0 -> 71.0) Blank5.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.902-1.099 min) (161.0->\*\*) Blank5.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:34 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:09 PM

**Data File**

Blank6.d

**Sample Type**

Sample

**Sample Name**

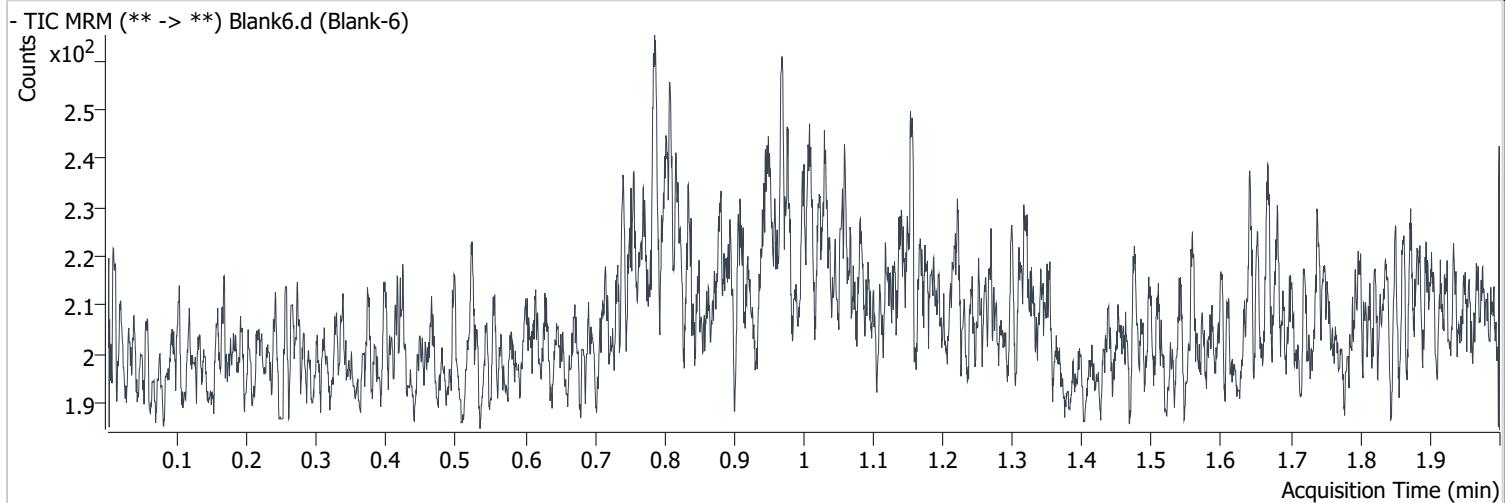
Blank-6

**Dilution**

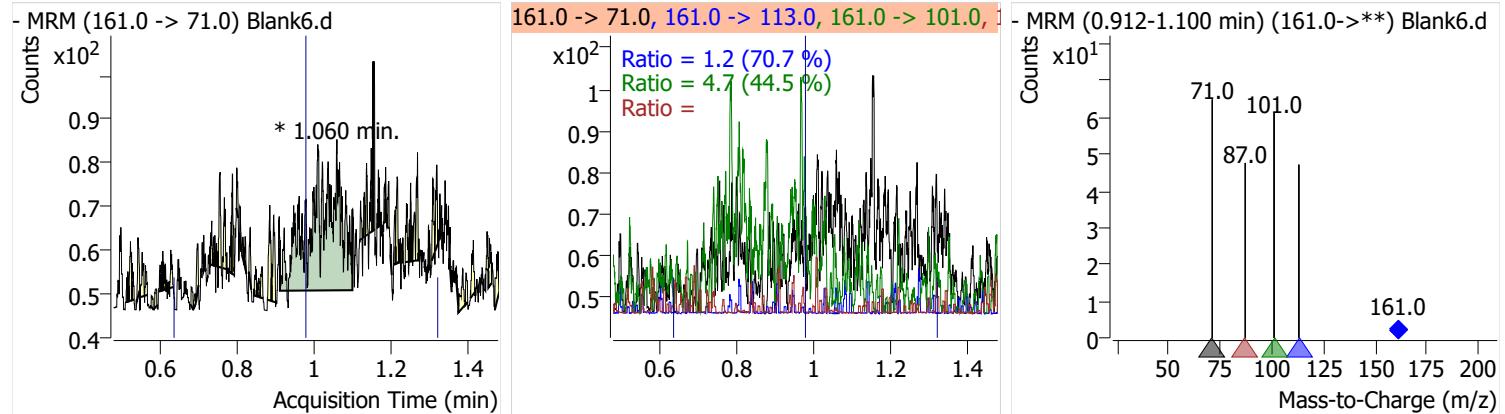
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.060	160	14.6027	µg/L

**Levoglucosan**


# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:35 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:12 PM

**Data File**

Blank7.d

**Sample Type**

Sample

**Sample Name**

Blank-7

**Dilution**

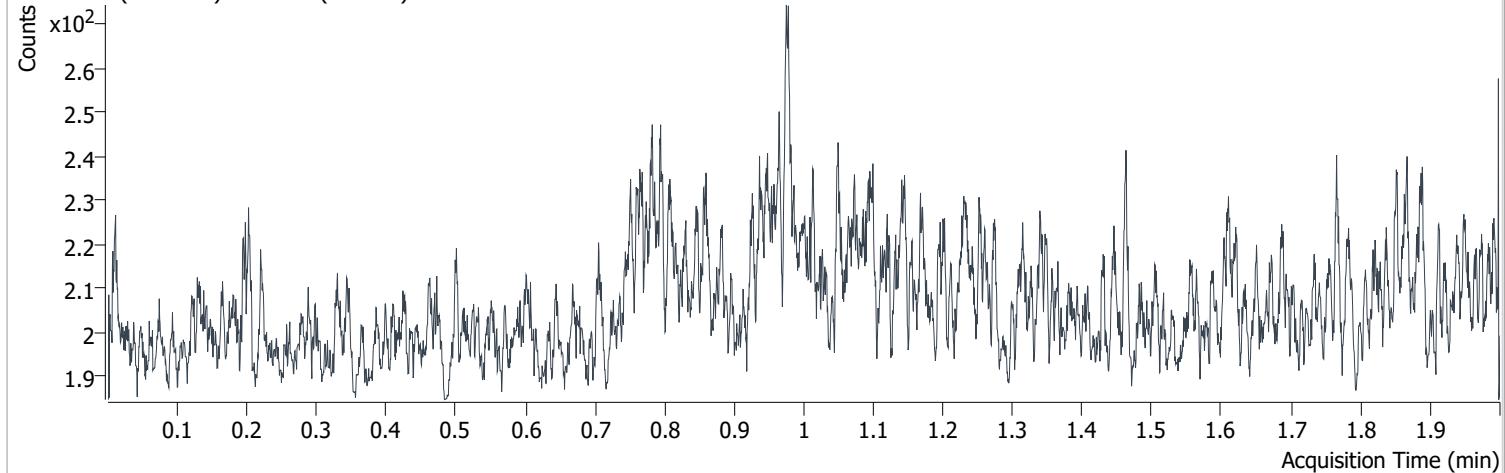
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

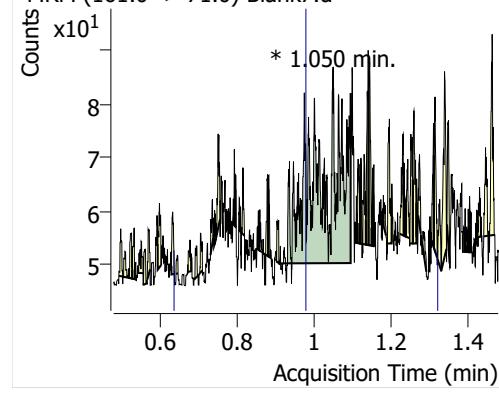
- TIC MRM (\*\* -> \*\*) Blank7.d (Blank-7)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.050	145	14.2853	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank7.d



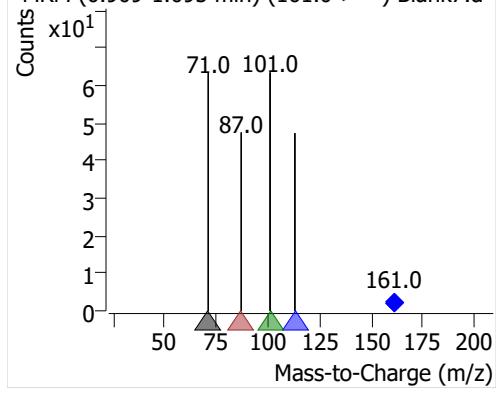
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.7 (40.4 %)

Ratio =

Ratio = 0.5 (279.1 %)

- MRM (0.909-1.095 min) (161.0->\*\*) Blank7.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:35 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:15 PM

**Data File**

Blank8.d

**Sample Type**

Sample

**Sample Name**

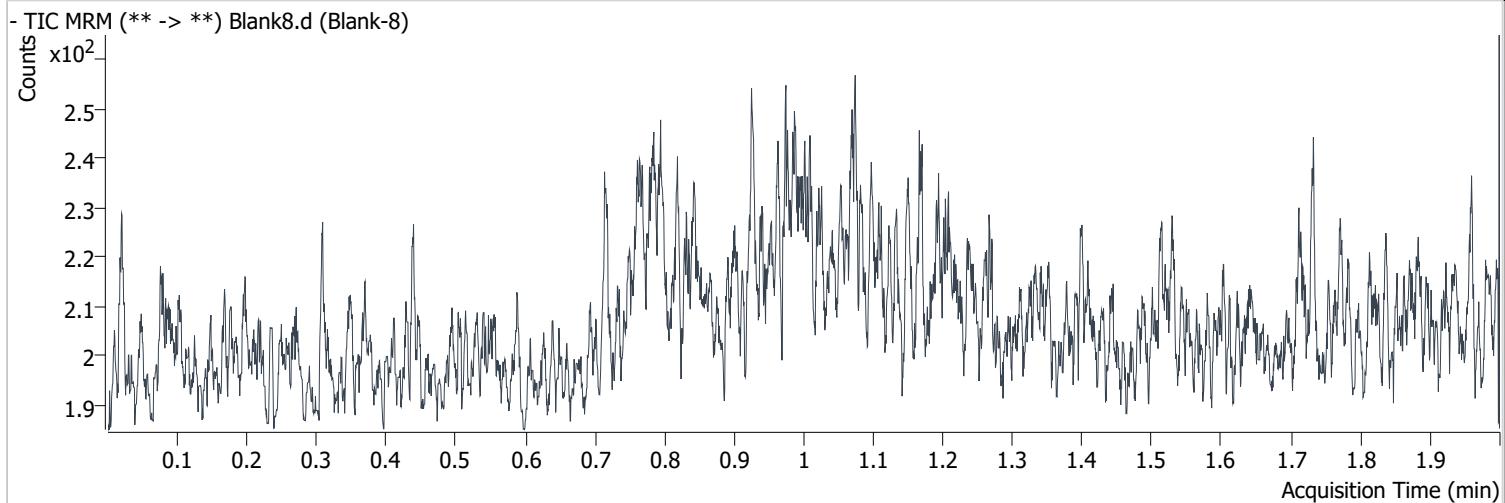
Blank-8

**Dilution**

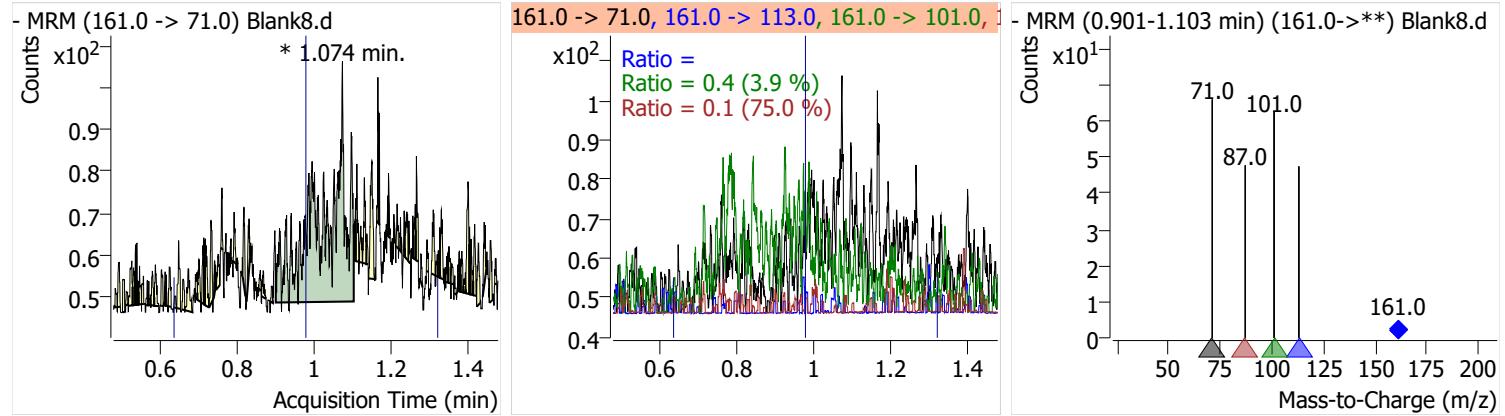
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.074	209	15.6852	$\mu\text{g/L}$

**Levoglucosan**


# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:35 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:18 PM

**Data File**

Blank9.d

**Sample Type**

Sample

**Sample Name**

Blank-9

**Dilution**

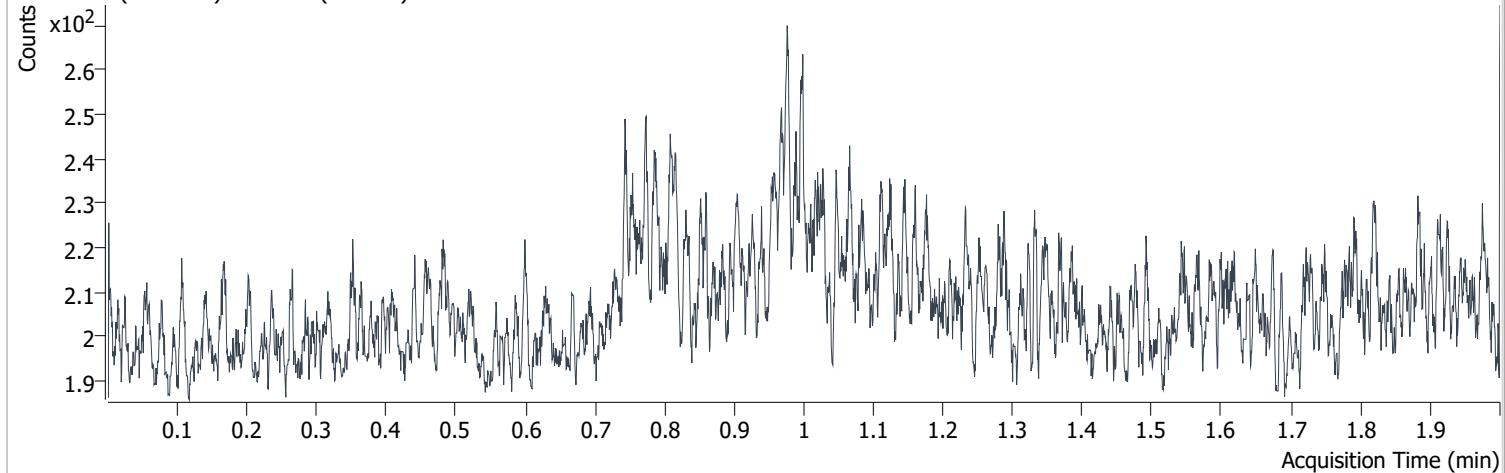
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

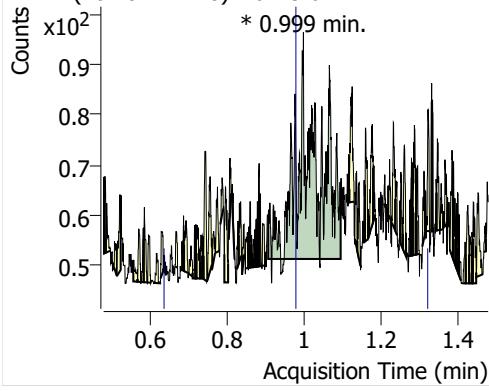
- TIC MRM (\*\* -> \*\*) Blank9.d (Blank-9)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.999	159	14.5798	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank9.d

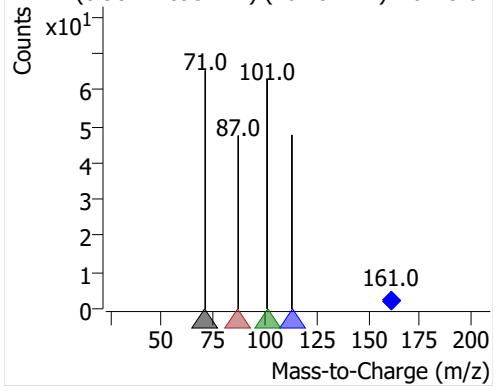


161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.9 (8.4 %)

Ratio = 1.0 (526.7 %)

- MRM (0.907-1.095 min) (161.0->\*\*) Blank9.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:35 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:21 PM

**Data File**

Blank10.d

**Sample Type**

Sample

**Sample Name**

Blank-10

**Dilution**

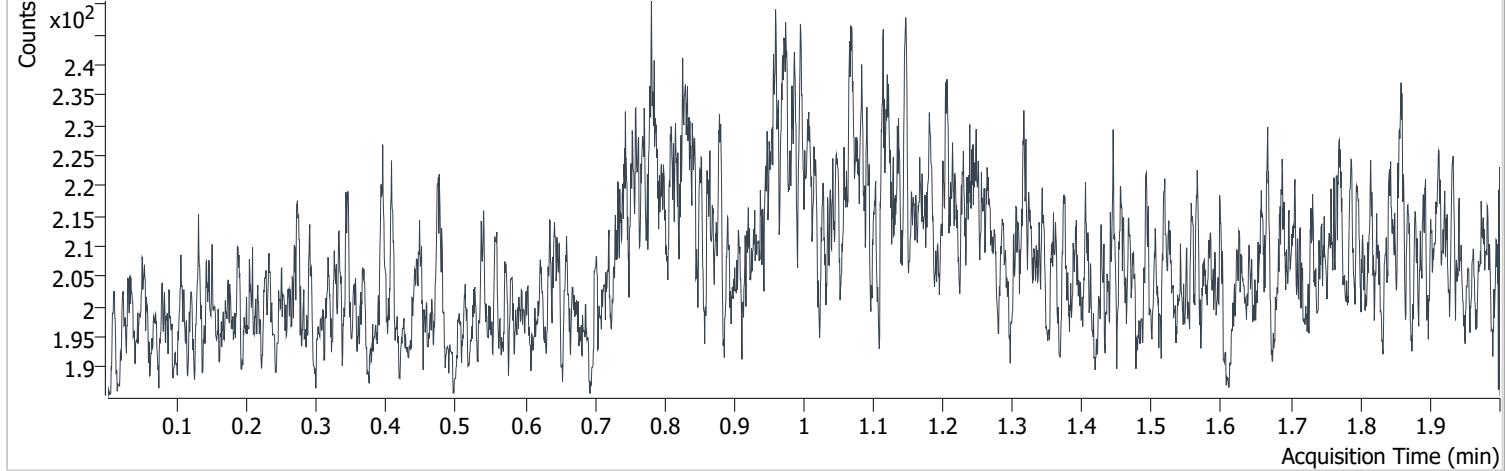
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

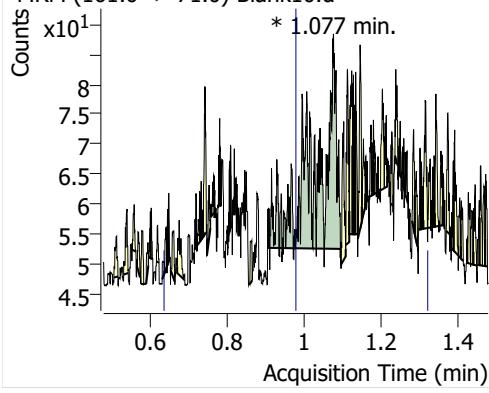
- TIC MRM (\*\* -> \*\*) Blank10.d (Blank-10)



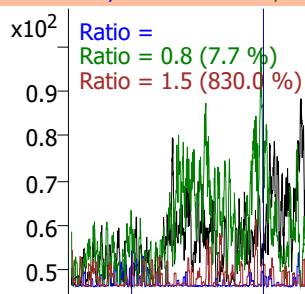
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.077	117	13.6777	$\mu\text{g/L}$

**Levoglucosan**

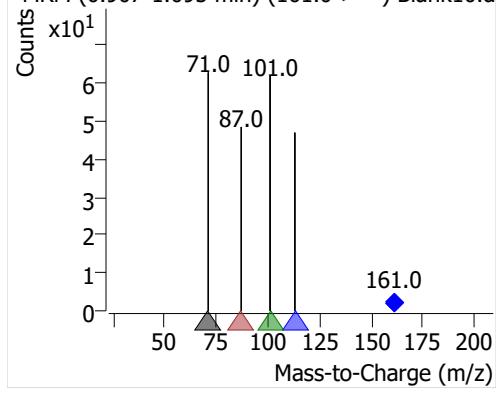
- MRM (161.0 -> 71.0) Blank10.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.907-1.095 min) (161.0->\*\*) Blank10.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:35 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:24 PM

**Data File**

LAG1.d

**Sample Type**

Sample

**Sample Name**

LAG1

**Dilution**

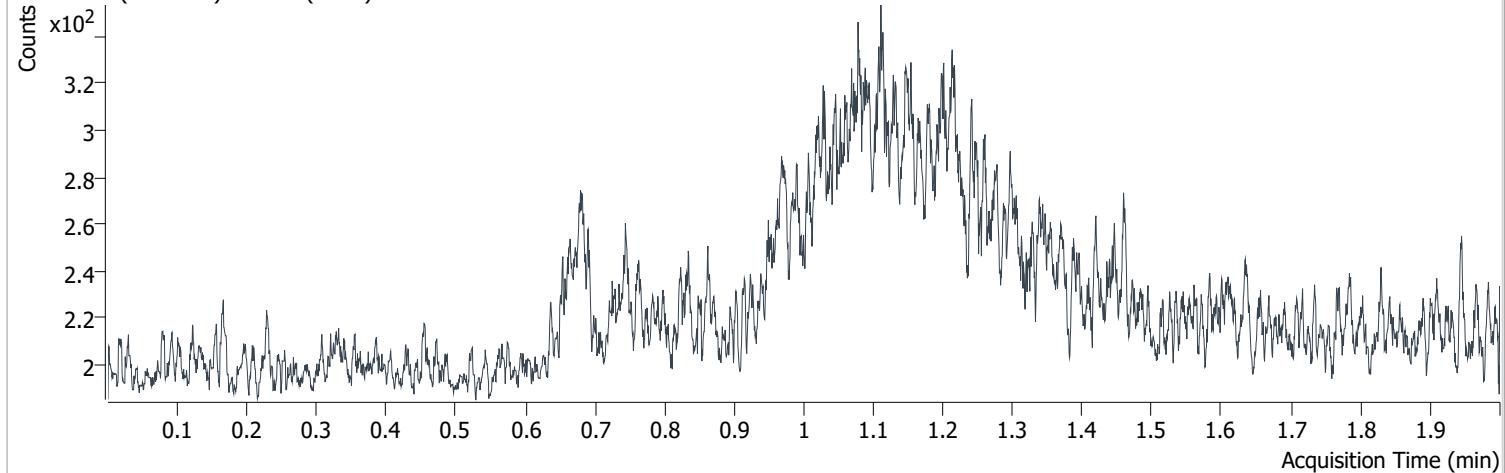
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

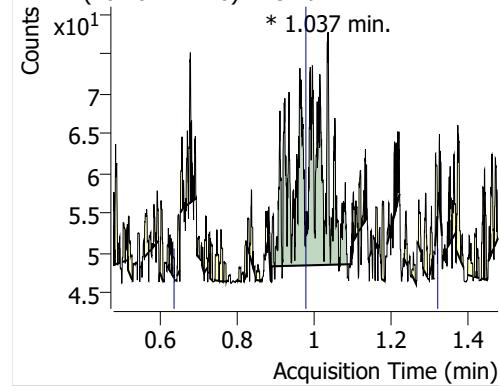
- TIC MRM (\*\* -> \*\*) LAG1.d (LAG1)



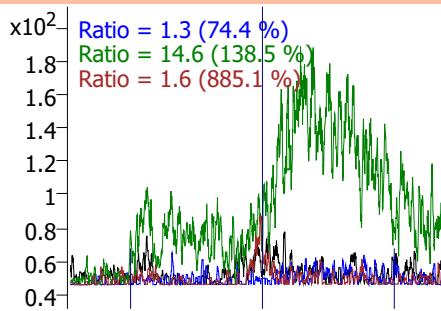
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.037	117	13.6786	µg/L

**Levoglucosan**

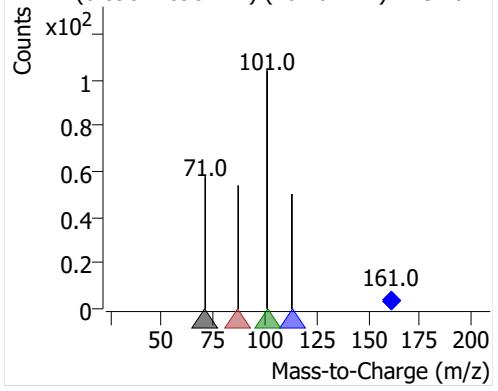
- MRM (161.0 -> 71.0) LAG1.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 138.5



- MRM (0.890-1.098 min) (161.0->\*\*) LAG1.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:35 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:27 PM

**Data File**

LAG2.d

**Sample Type**

Sample

**Sample Name**

LAG2

**Dilution**

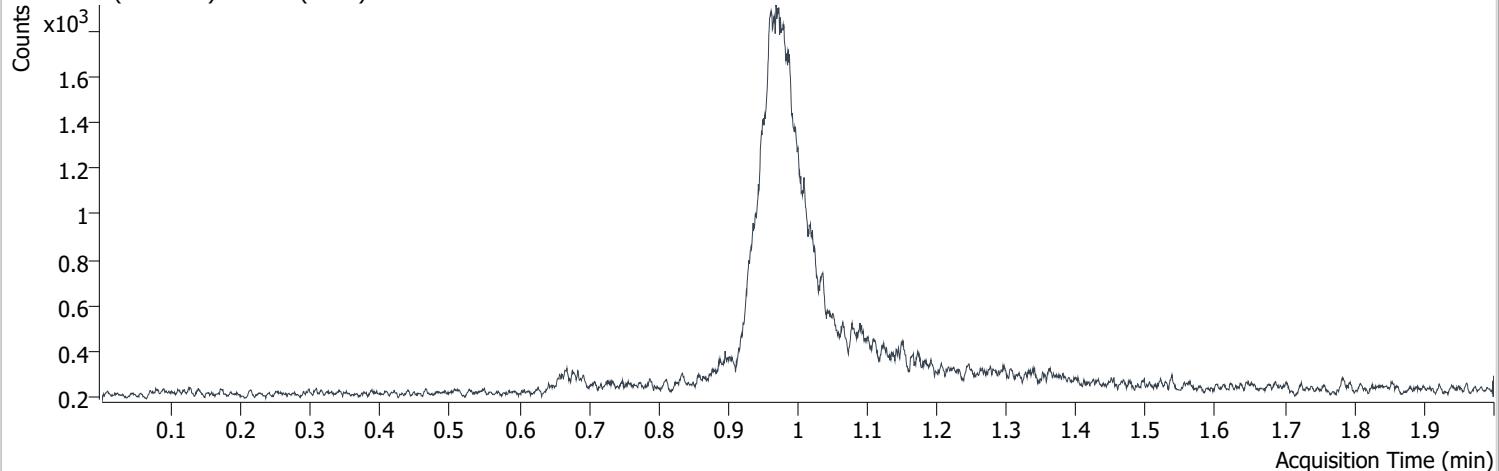
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

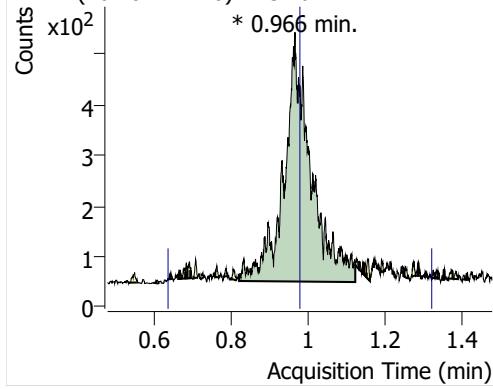
- TIC MRM (\*\* -> \*\*) LAG2.d (LAG2)



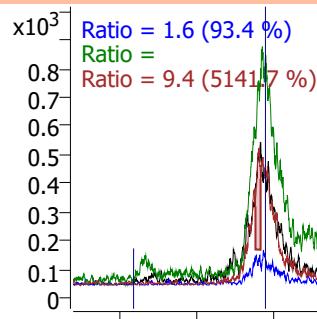
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.966	2392	63.0870	µg/L

**Levoglucosan**

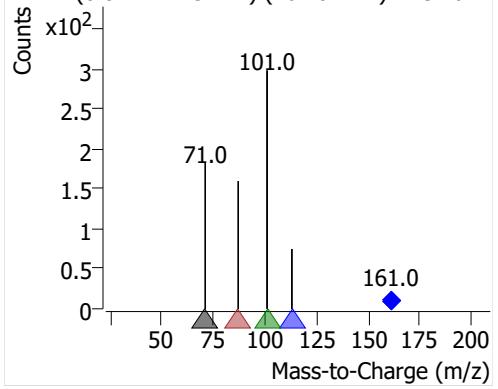
- MRM (161.0 -> 71.0) LAG2.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0



- MRM (0.821-1.123 min) (161.0->\*\*) LAG2.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:36 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:30 PM

**Data File**

LAG3.d

**Sample Type**

Sample

**Sample Name**

LAG3

**Dilution**

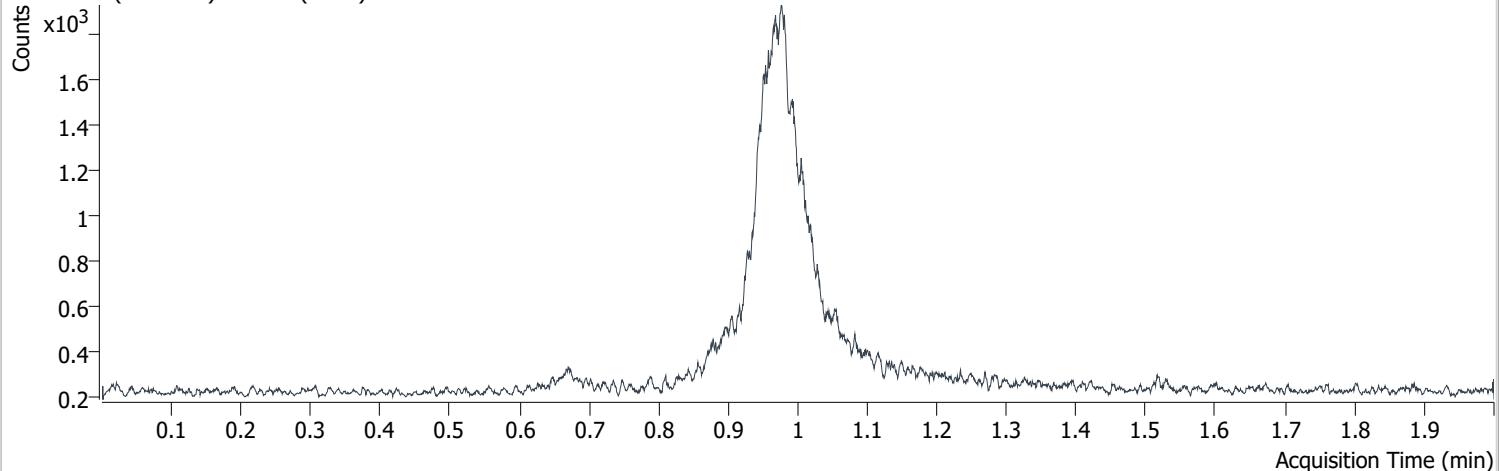
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

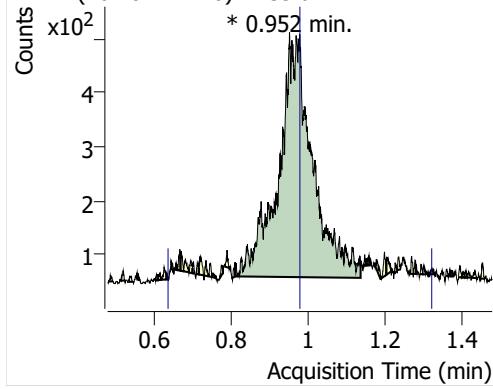
- TIC MRM (\*\* -> \*\*) LAG3.d (LAG3)



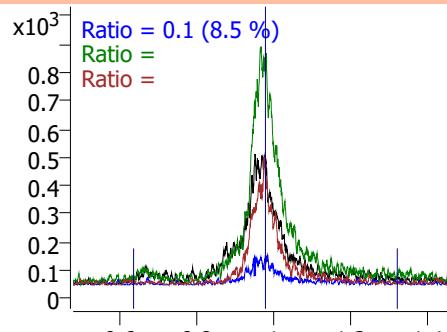
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.952	2759	71.0642	µg/L

**Levoglucosan**

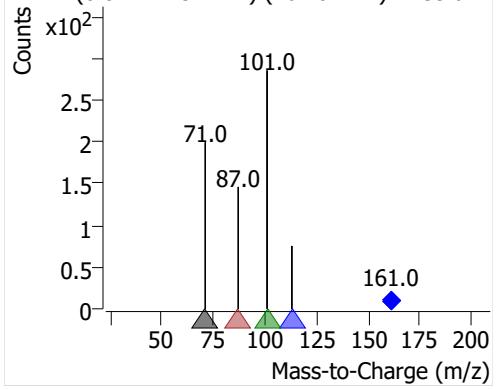
- MRM (161.0 -> 71.0) LAG3.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.811-1.137 min) (161.0->\*\*) LAG3.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:36 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:33 PM

**Data File**

LAG4.d

**Sample Type**

Sample

**Sample Name**

LAG4

**Dilution**

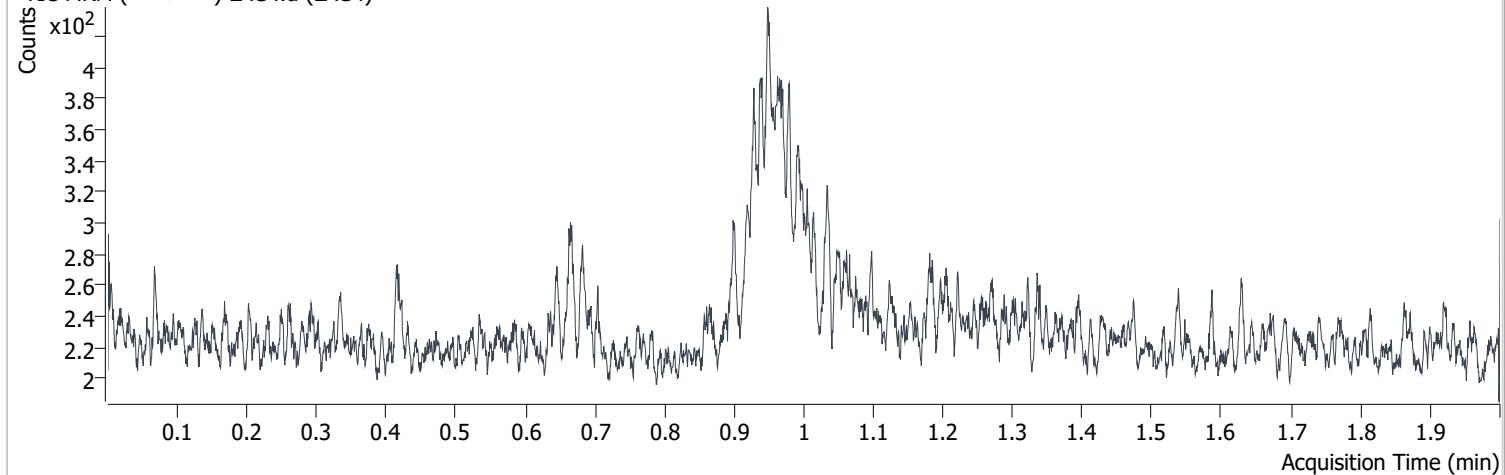
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

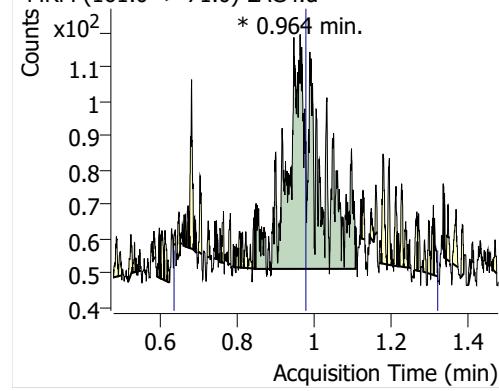
- TIC MRM (\*\* -> \*\*) LAG4.d (LAG4)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.964	378	19.3427	µg/L

**Levoglucosan**

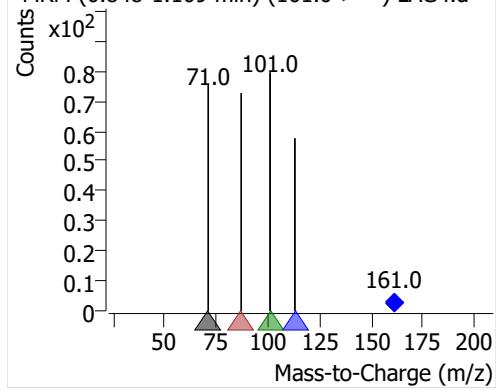
- MRM (161.0 -> 71.0) LAG4.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0

Ratio =  
Ratio = 0.5 (4.3 %)  
Ratio = 1.9 (1043.8 %)

- MRM (0.848-1.109 min) (161.0->\*\*) LAG4.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:36 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:36 PM

**Data File**

LAG5.d

**Sample Type**

Sample

**Sample Name**

LAG5

**Dilution**

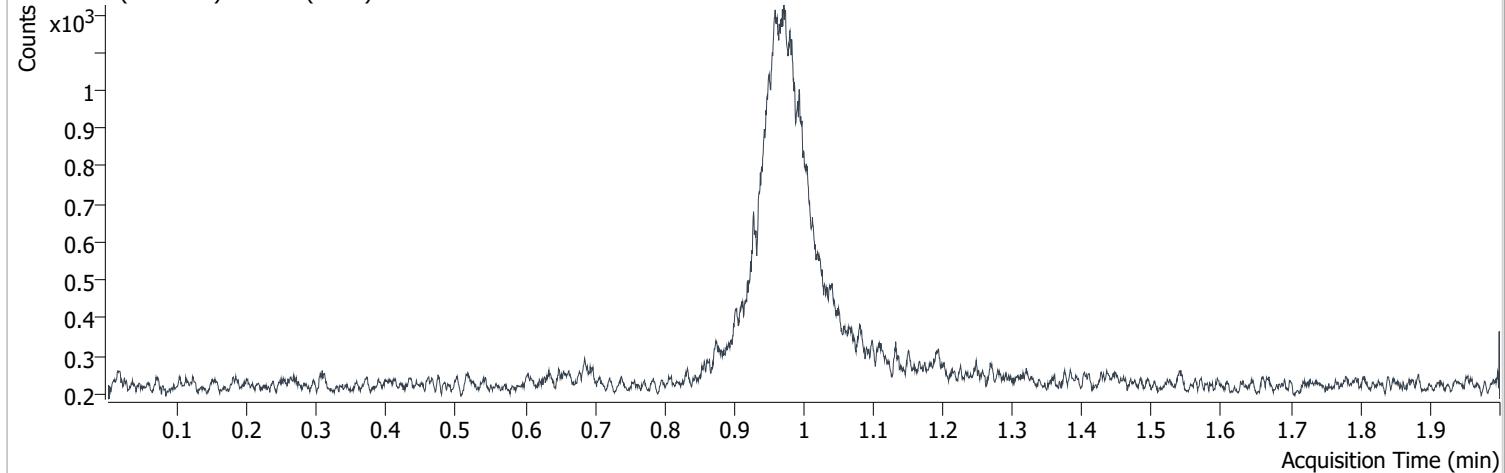
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

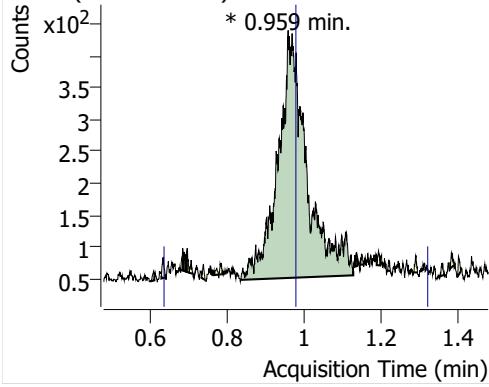
- TIC MRM (\*\* -> \*\*) LAG5.d (LAG5)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.959	2011	54.8141	µg/L

**Levoglucosan**

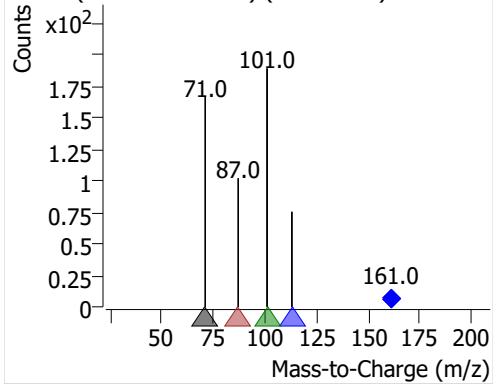
- MRM (161.0 -> 71.0) LAG5.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.4 (22.4 %)  
Ratio = 0.8 (7.9 %)  
Ratio = 0.1 (81.5 %)

- MRM (0.835-1.128 min) (161.0->\*\*) LAG5.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:36 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:39 PM

**Data File**

LAG6.d

**Sample Type**

Sample

**Sample Name**

LAG6

**Dilution**

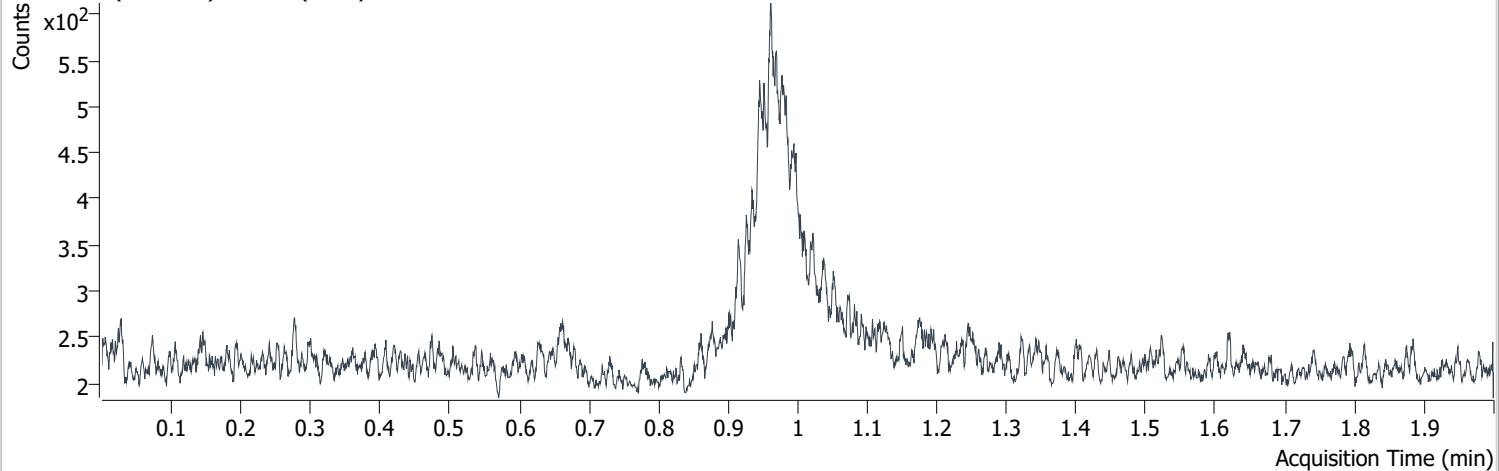
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

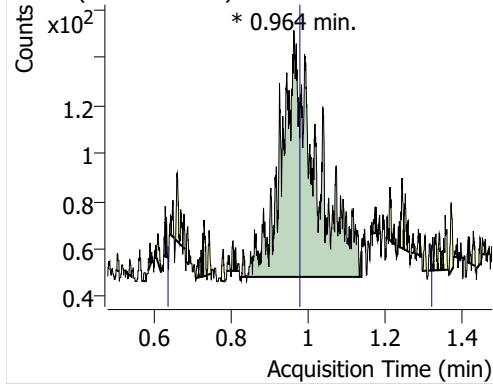
- TIC MRM (\*\* -> \*\*) LAG6.d (LAG6)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.964	645	25.1484	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) LAG6.d



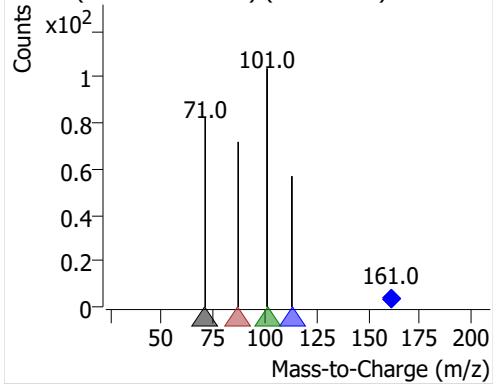
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 151.0

Ratio = 1.7 (101.5 %)

Ratio = 1.5 (113.0 %)

Ratio = 3.8 (211.0 %)

- MRM (0.825-1.139 min) (161.0->\*\*) LAG6.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:36 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:42 PM

**Data File**

LAG7.d

**Sample Type**

Sample

**Sample Name**

LAG7

**Dilution**

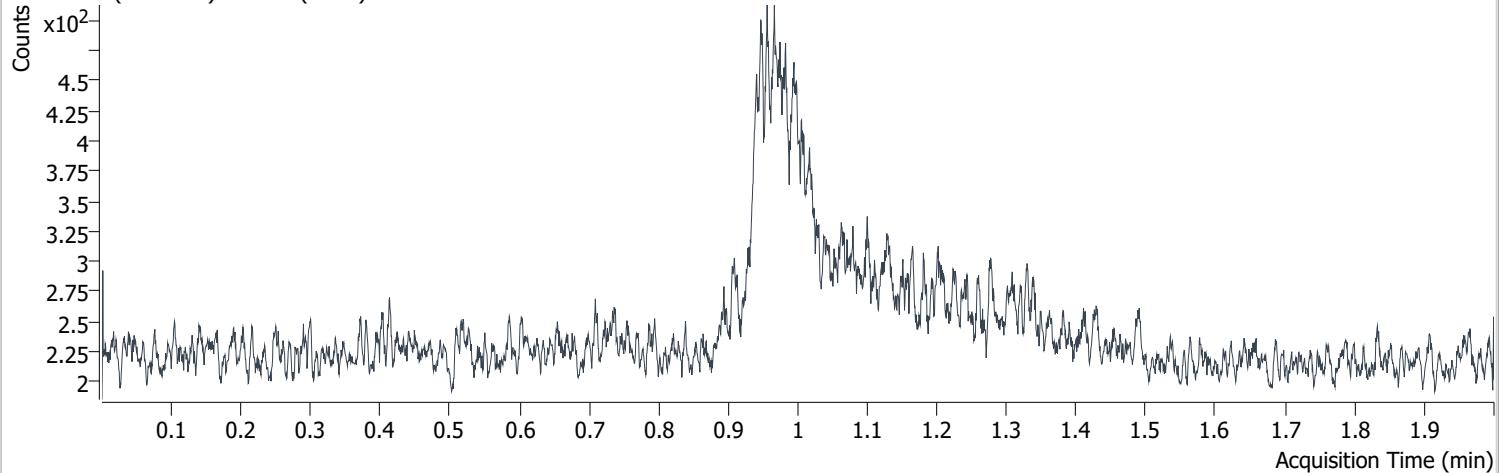
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

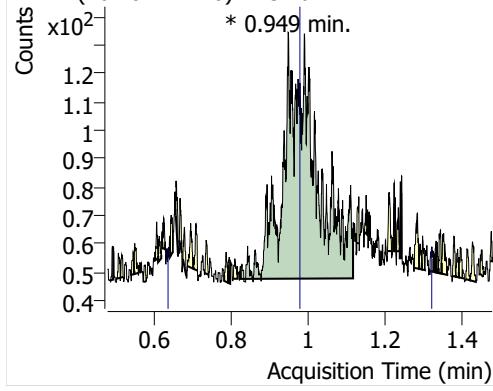
- TIC MRM (\*\* -> \*\*) LAG7.d (LAG7)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.949	496	21.9168	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) LAG7.d



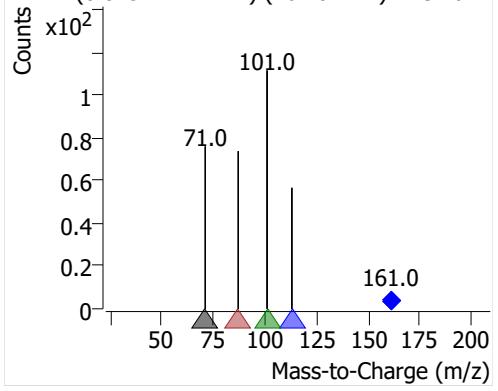
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0

Ratio = 4.0 (231.0 %)

Ratio = 3.6 (34.1 %)

Ratio = 5.5 (3018.8 %)

- MRM (0.825-1.117 min) (161.0->\*\*) LAG7.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:36 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:45 PM

**Data File**

LAG8.d

**Sample Type**

Sample

**Sample Name**

LAG8

**Dilution**

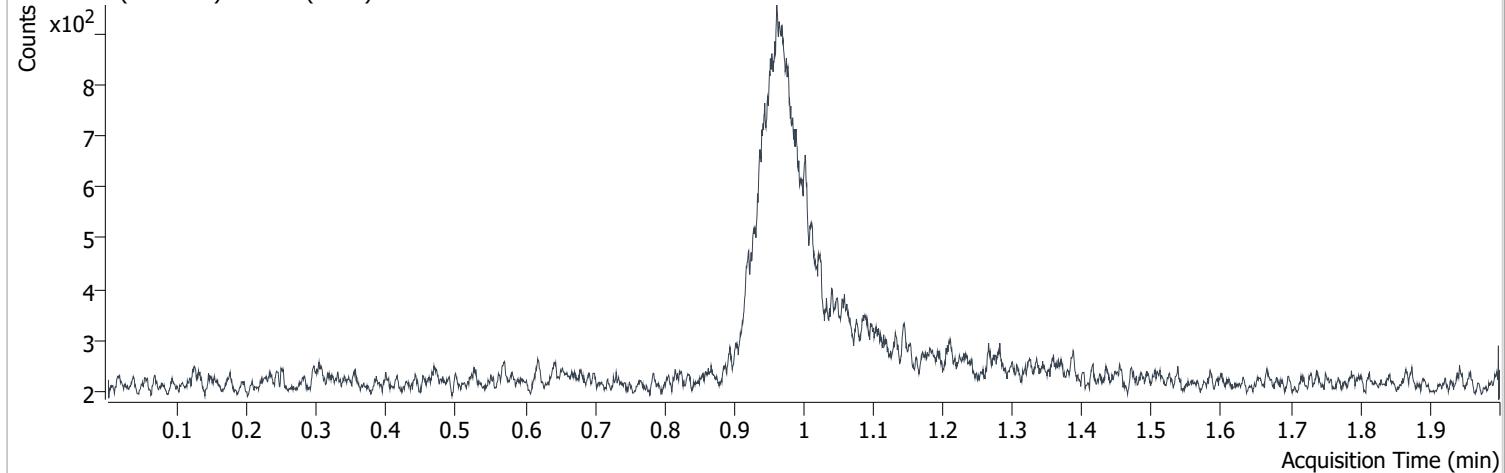
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

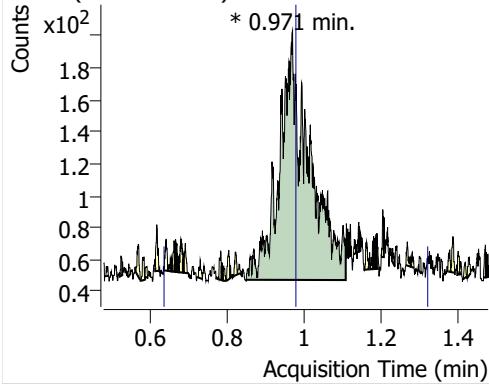
- TIC MRM (\*\* -> \*\*) LAG8.d (LAG8)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.971	830	29.1698	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) LAG8.d



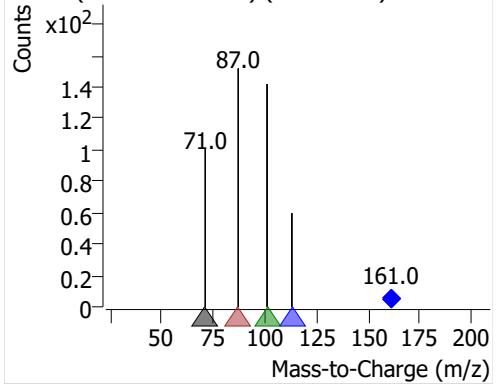
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.0 (61.3 %)

Ratio =

Ratio = 5.6 (3050.6 %)

- MRM (0.850-1.109 min) (161.0->\*\*) LAG8.d



# Quantitative Analysis Complete Report

**Batch Path** D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time** 6/20/2024 3:13 PM **Analyst Name** WD65109\LC-MS

**Report Time** 6/20/2024 3:15:36 PM **Reporter Name** WD65109\LC-MS

**Last Calib Update** 6/20/2024 2:40 PM **Batch State** Processed

**Quant Batch Version** 10.1 **Quant Report Version** 10.1

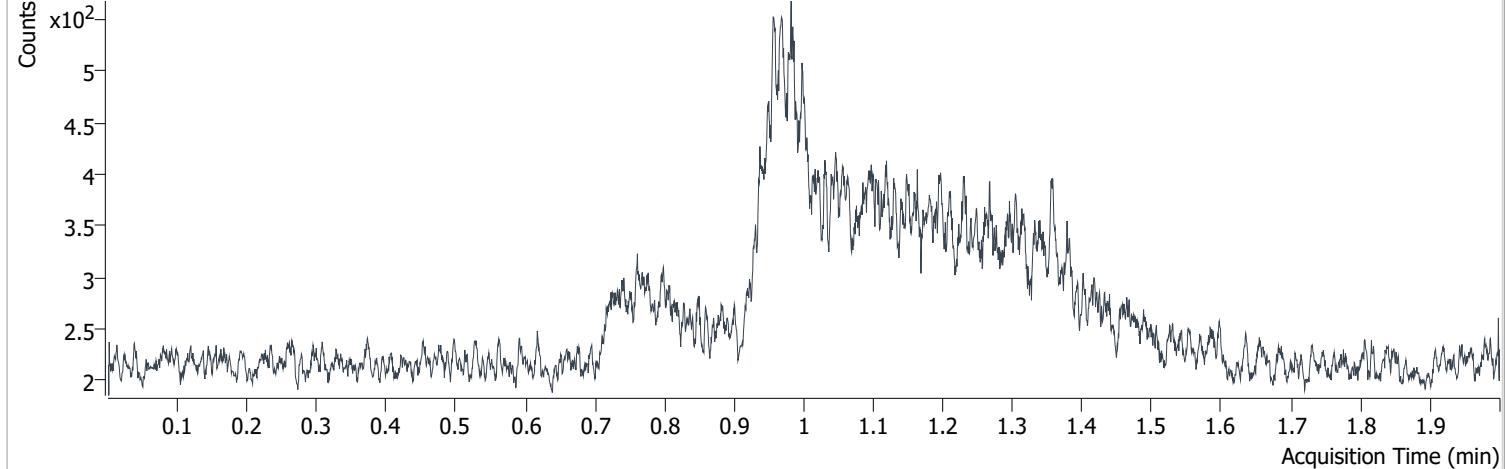
**Acq. Time** 6/5/2024 7:48 PM **Data File** LAG9.d

**Sample Type** Sample **Sample Name** LAG9

**Dilution** 1 **Acq. Method** Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

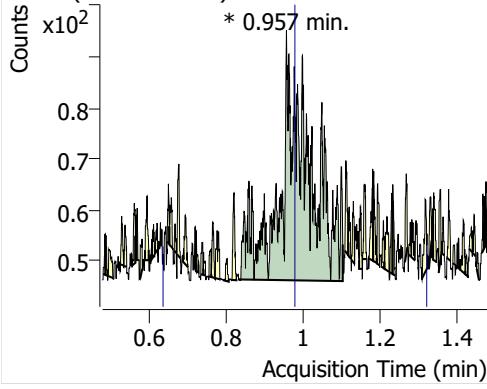
- TIC MRM (\*\* -> \*\*) LAG9.d (LAG9)



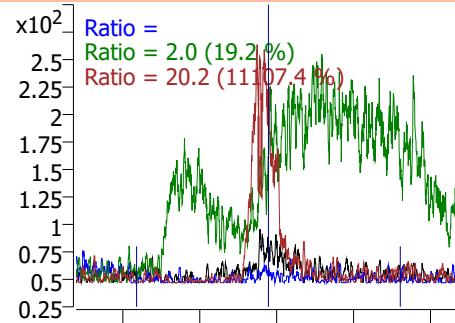
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.957	255	16.6781	$\mu\text{g/L}$

## Levoglucosan

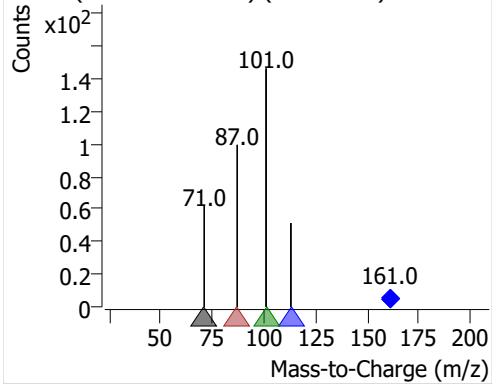
- MRM (161.0 -> 71.0) LAG9.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 1



- MRM (0.834-1.103 min) (161.0->\*\*) LAG9.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:37 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:51 PM

**Data File**

LAG10.d

**Sample Type**

Sample

**Sample Name**

LAG10

**Dilution**

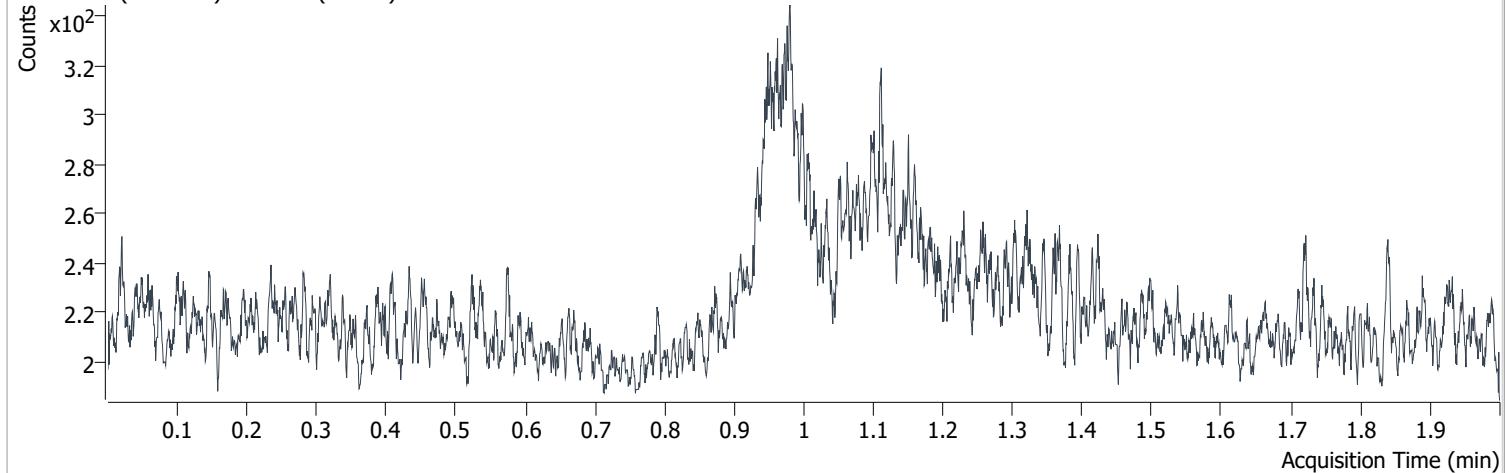
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

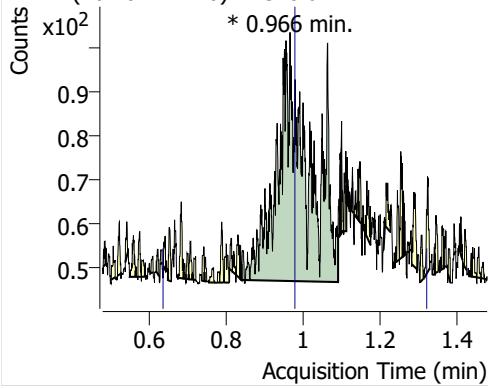
- TIC MRM (\*\* -> \*\*) LAG10.d (LAG10)



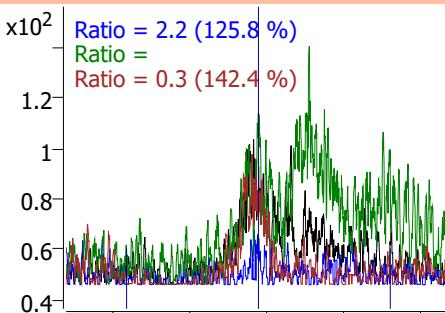
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.966	309	17.8475	$\mu\text{g/L}$

**Levoglucosan**

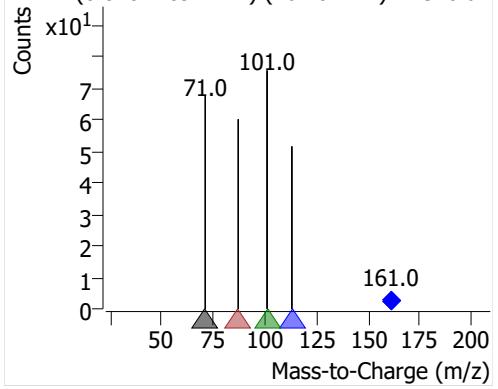
- MRM (161.0 -> 71.0) LAG10.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 125.8



- MRM (0.840-1.091 min) (161.0->\*\*) LAG10.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:37 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:54 PM

**Data File**

LAG11.d

**Sample Type**

Sample

**Sample Name**

LAG11

**Dilution**

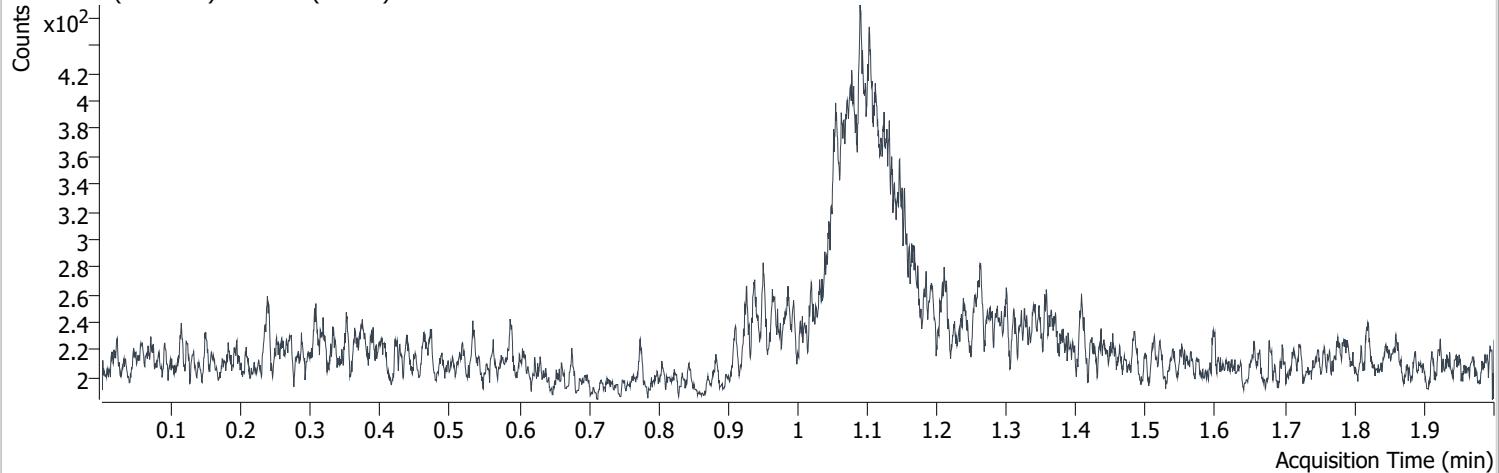
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

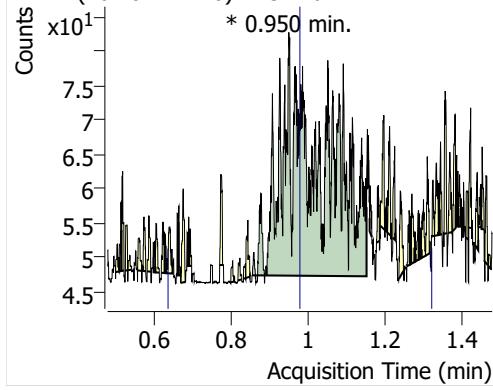
- TIC MRM (\*\* -> \*\*) LAG11.d (LAG11)



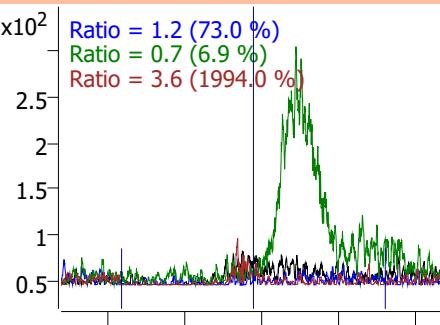
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.950	253	16.6318	µg/L

**Levoglucosan**

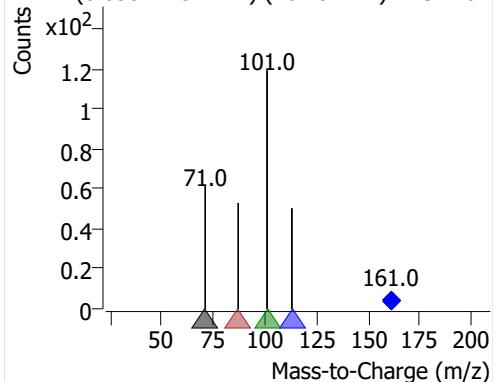
- MRM (161.0 -> 71.0) LAG11.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0



- MRM (0.856-1.152 min) (161.0->\*\*) LAG11.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:37 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 7:57 PM

**Data File**

Blank11.d

**Sample Type**

Sample

**Sample Name**

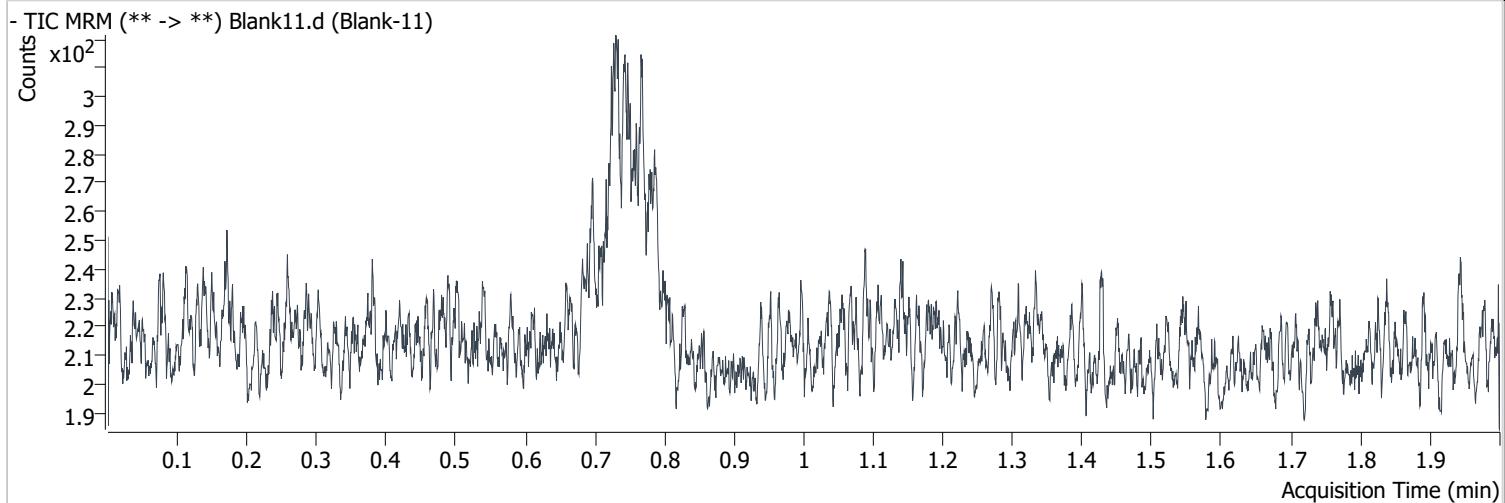
Blank-11

**Dilution**

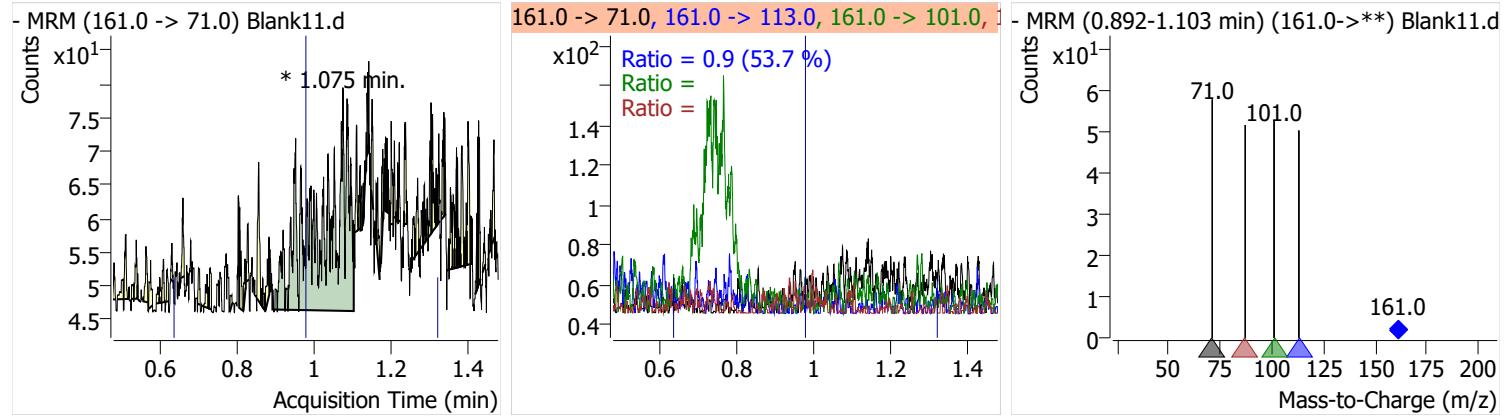
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.075	144	14.2604	$\mu\text{g/L}$

**Levoglucosan**


# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:37 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 8:00 PM

## Data File

CKSTD1-2ppb.d

## Sample Type

Sample

## Sample Name

CKSTD1-2ppb

## Dilution

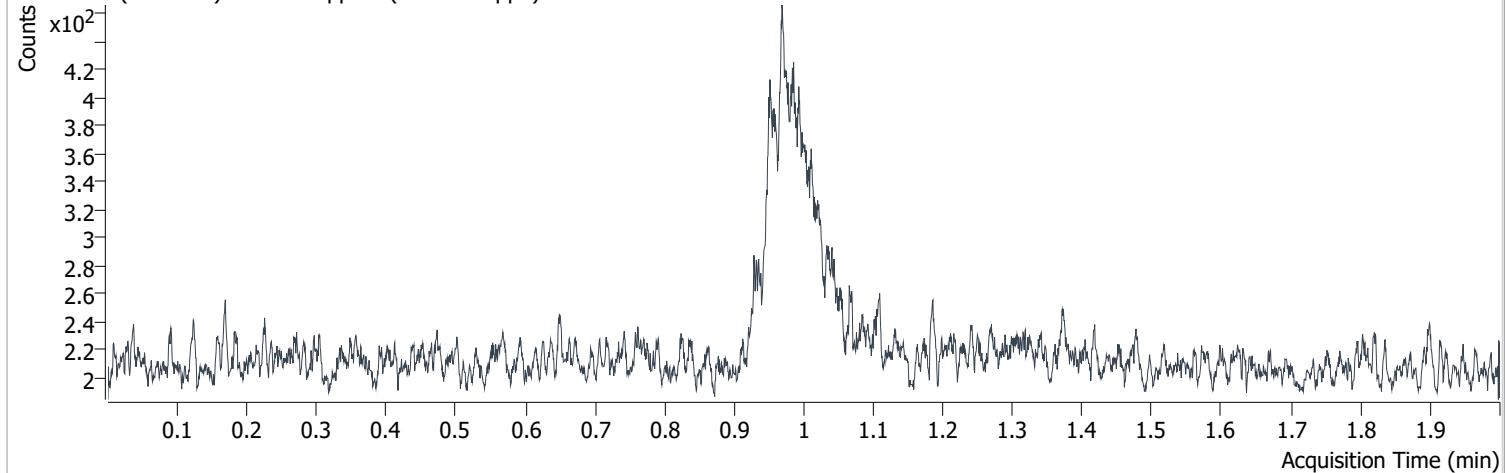
1

## Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

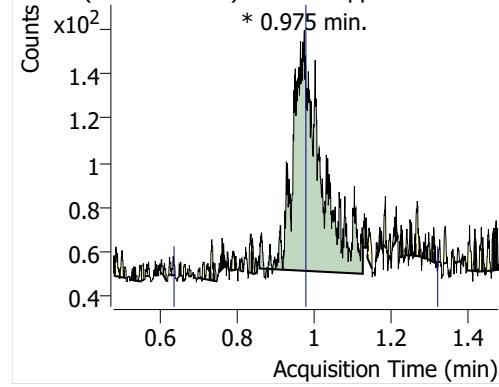
- TIC MRM (\*\* -> \*\*) CKSTD1-2ppb.d (CKSTD1-2ppb)



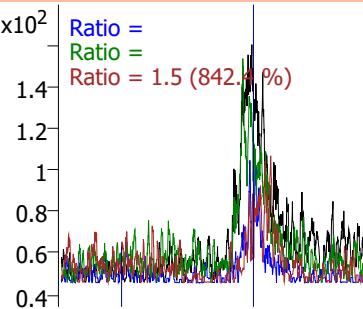
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.975	541	22.8930	µg/L

## Levoglucosan

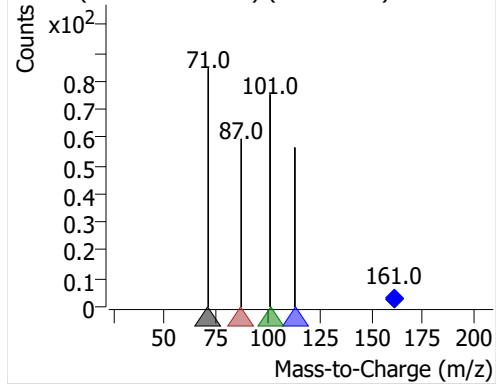
- MRM (161.0 -> 71.0) CKSTD1-2ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.859-1.127 min) (161.0->\*\*) CKSTD1-2



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:37 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 8:03 PM

Data File

Blank12.d

## Sample Type

Sample

Sample Name

Blank-12

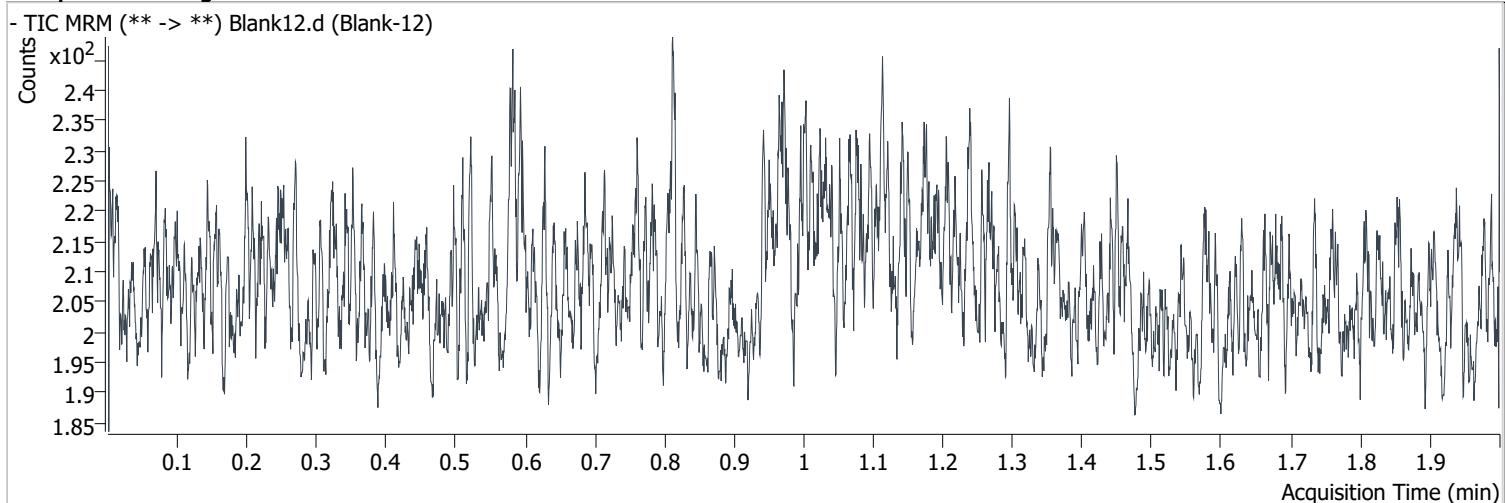
## Dilution

1

Acq. Method

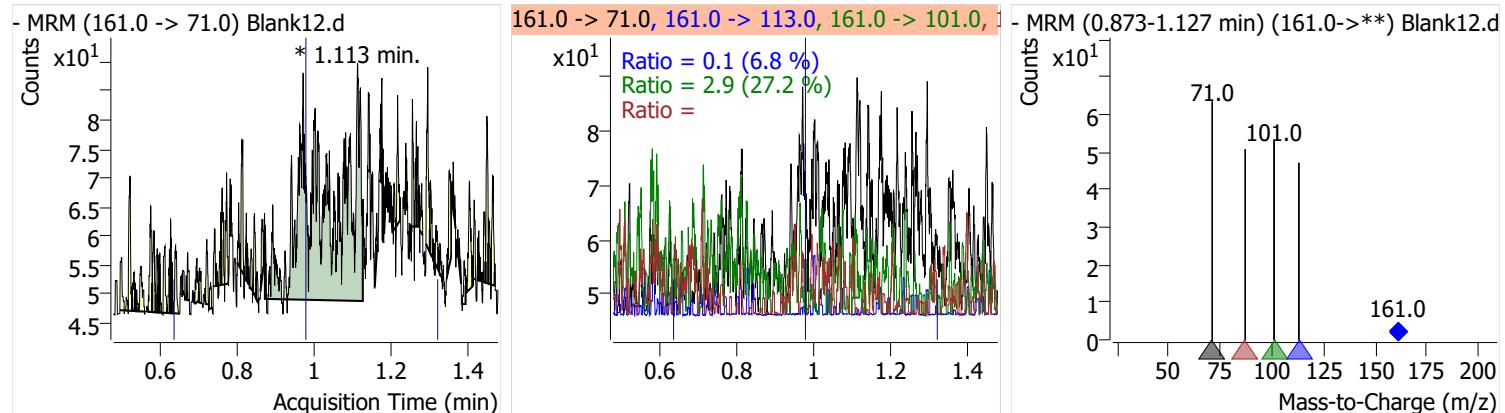
Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.113	220	15.9116	$\mu\text{g/L}$

## Levoglucosan



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:37 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:06 PM

**Data File**

MAJ1.d

**Sample Type**

Sample

**Sample Name**

MAJ1

**Dilution**

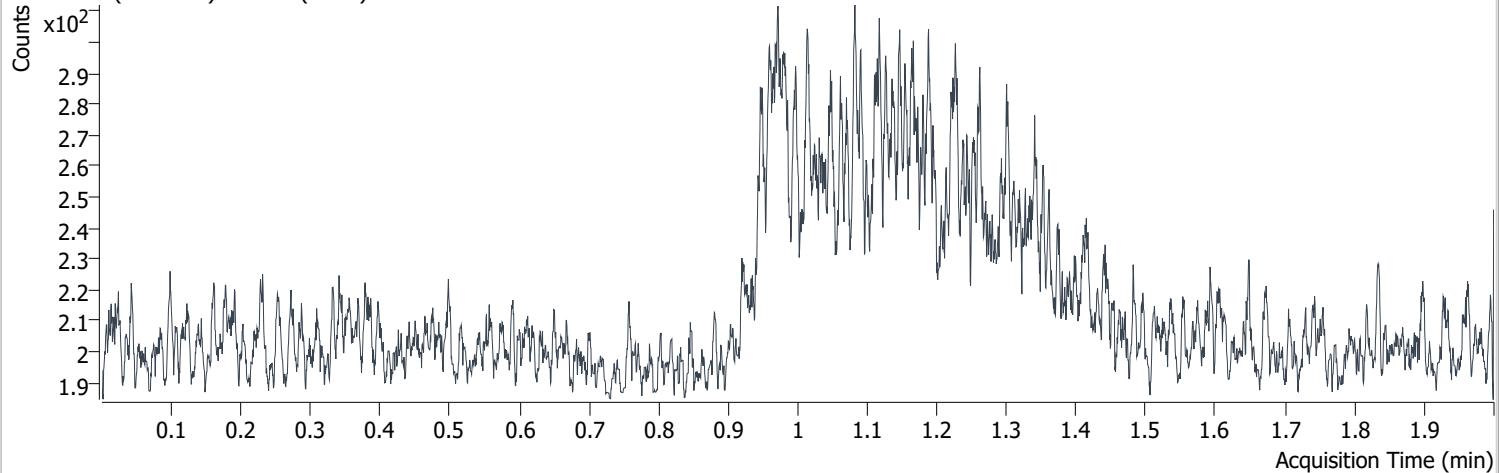
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

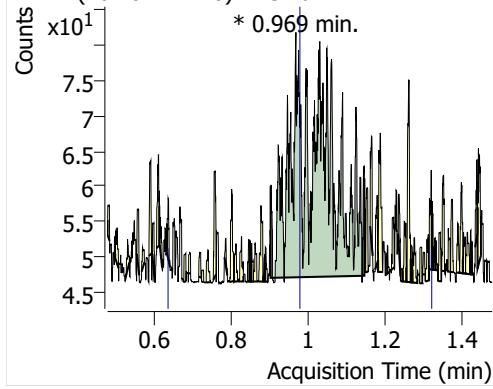
- TIC MRM (\*\* -> \*\*) MAJ1.d (MAJ1)



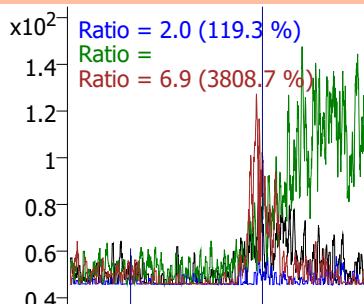
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.969	201	15.5119	µg/L

**Levoglucosan**

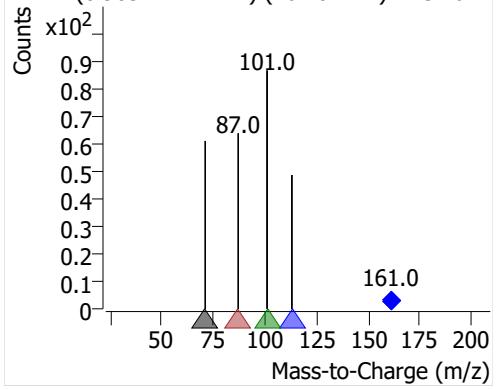
- MRM (161.0 -> 71.0) MAJ1.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 1



- MRM (0.903-1.147 min) (161.0->\*\*) MAJ1.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:38 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 8:09 PM

## Data File

MAJ2.d

## Sample Type

Sample

## Sample Name

MAJ2

## Dilution

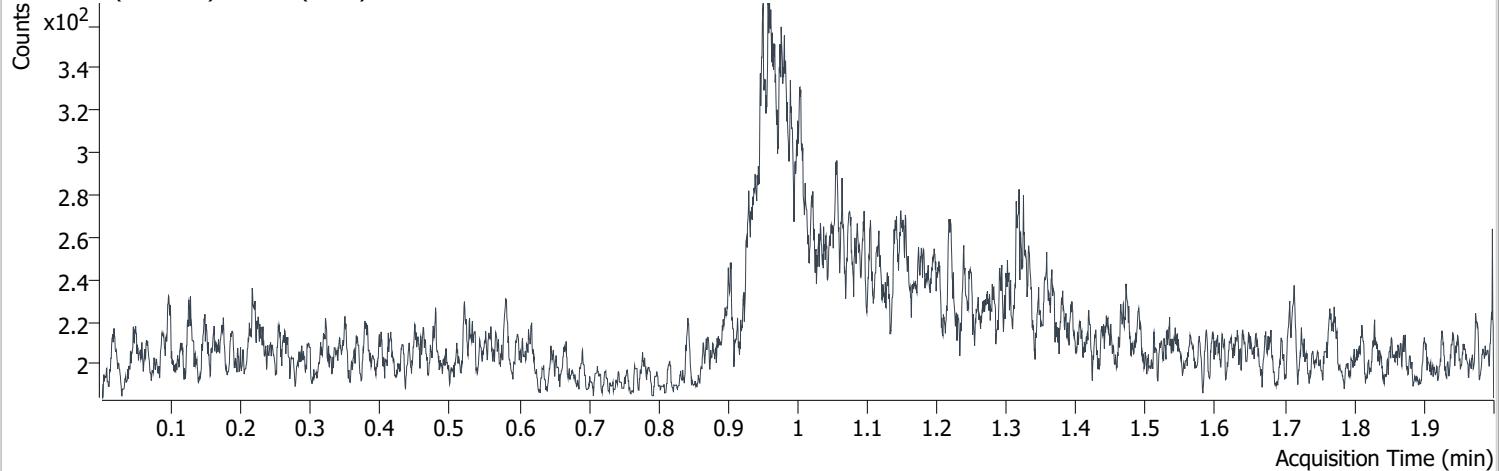
1

## Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

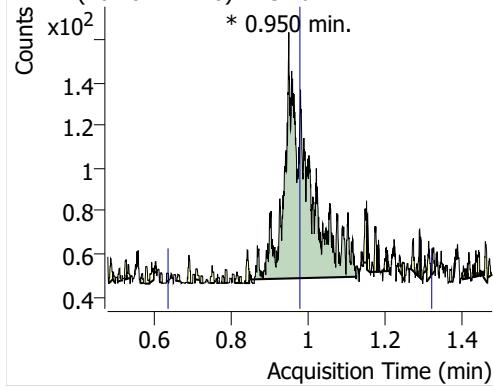
- TIC MRM (\*\* -> \*\*) MAJ2.d (MAJ2)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.950	463	21.2005	$\mu\text{g/L}$

## Levoglucosan

- MRM (161.0 -> 71.0) MAJ2.d



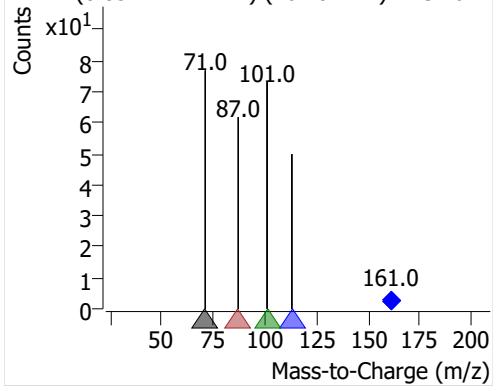
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.6 (33.1 %)

Ratio = 0.2 (2.0 %)

Ratio = 2.8 (1557.3 %)

- MRM (0.852-1.127 min) (161.0->\*\*) MAJ2.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:38 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:12 PM

**Data File**

MAJ3.d

**Sample Type**

Sample

**Sample Name**

MAJ3

**Dilution**

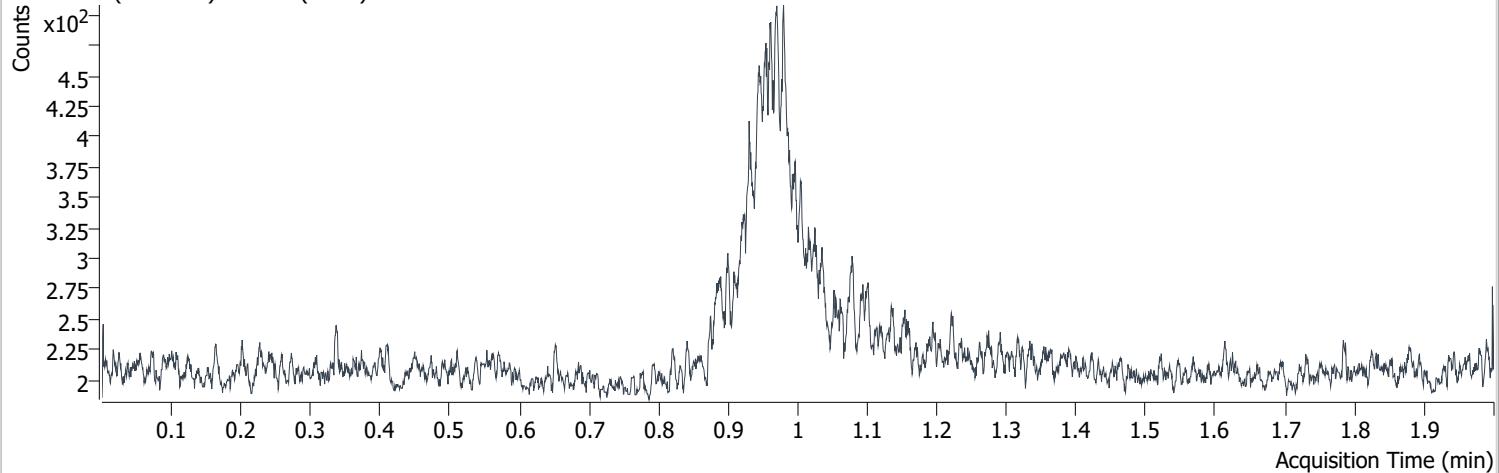
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

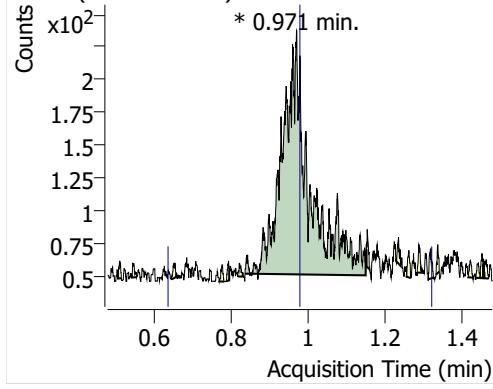
- TIC MRM (\*\* -> \*\*) MAJ3.d (MAJ3)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.971	900	30.6838	µg/L

**Levoglucosan**

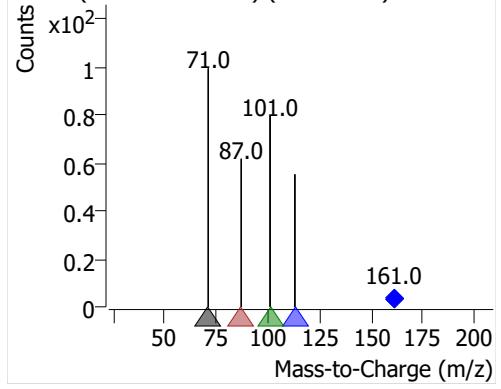
- MRM (161.0 -> 71.0) MAJ3.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.7 (40.6 %)  
Ratio = 1.3 (11.9 %)  
Ratio = 0.6 (35.4 %)

- MRM (0.837-1.150 min) (161.0->\*\*) MAJ3.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:38 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:15 PM

**Data File**

MAJ4.d

**Sample Type**

Sample

**Sample Name**

MAJ4

**Dilution**

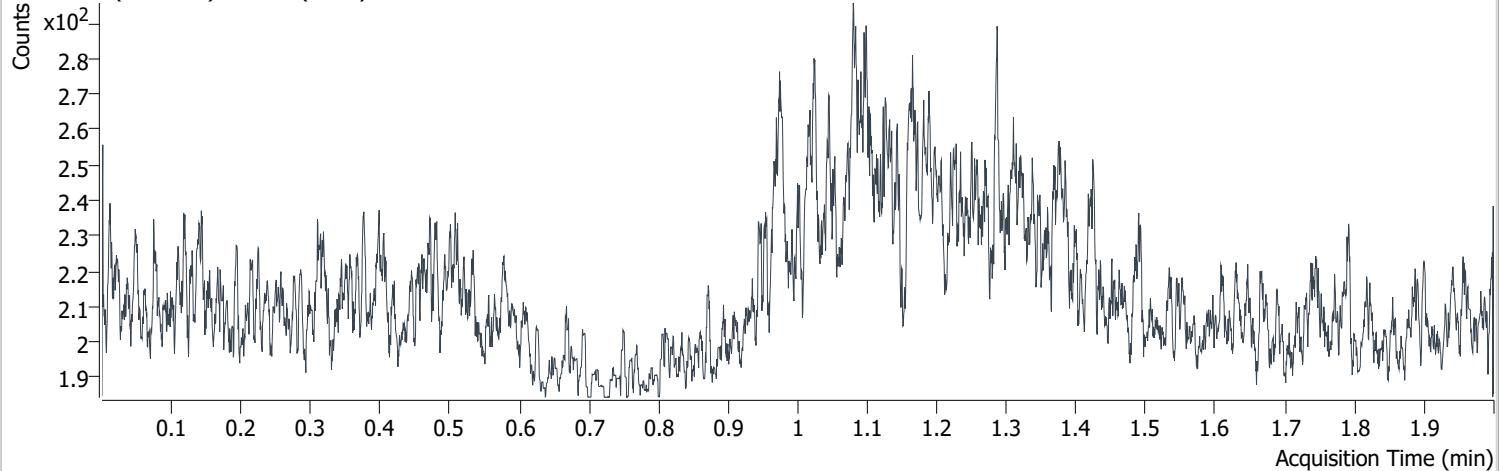
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

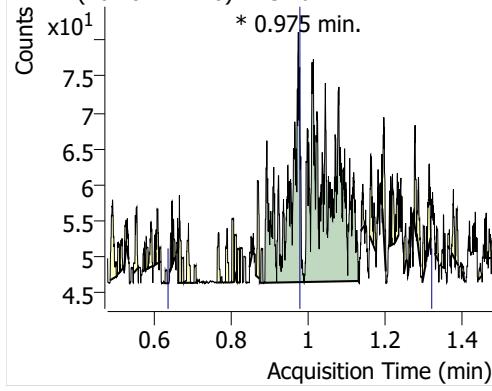
- TIC MRM (\*\* -> \*\*) MAJ4.d (MAJ4)



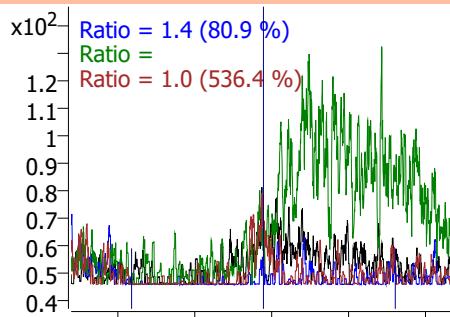
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.975	179	15.0250	µg/L

**Levoglucosan**

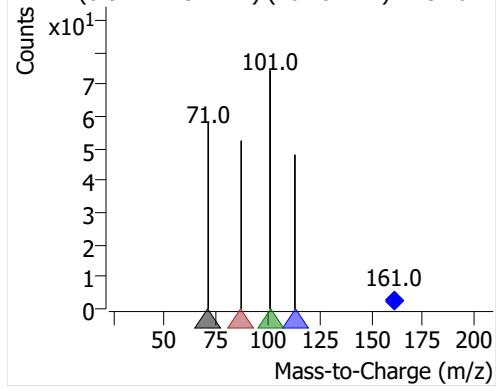
- MRM (161.0 -> 71.0) MAJ4.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 1



- MRM (0.877-1.132 min) (161.0->\*\*) MAJ4.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:38 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:18 PM

**Data File**

MAJ5.d

**Sample Type**

Sample

**Sample Name**

MAJ5

**Dilution**

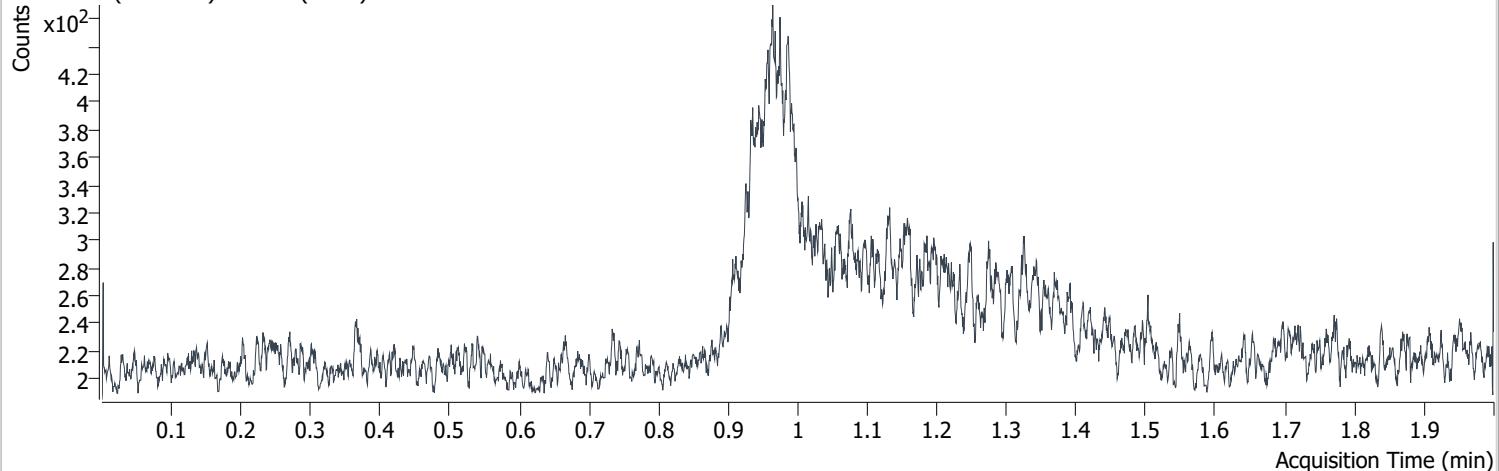
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

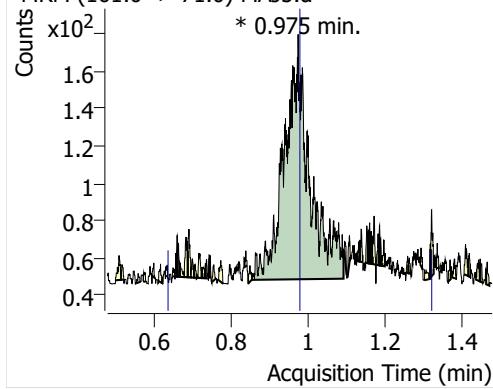
- TIC MRM (\*\* -> \*\*) MAJ5.d (MAJ5)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.975	588	23.9006	µg/L

**Levoglucosan**

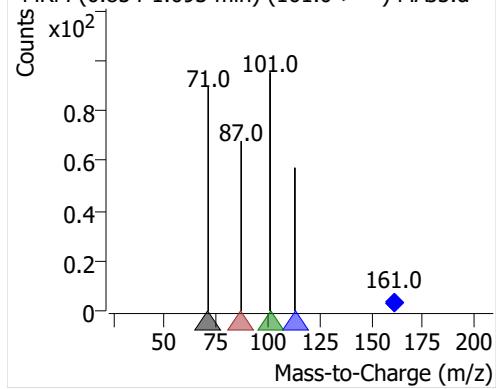
- MRM (161.0 -> 71.0) MAJ5.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.2 (67.3 %)  
Ratio = 0.5 (4.8 %)  
Ratio = 0.9 (489.0 %)

- MRM (0.854-1.093 min) (161.0->\*\*) MAJ5.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:38 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:21 PM

**Data File**

MAJ6.d

**Sample Type**

Sample

**Sample Name**

MAJ6

**Dilution**

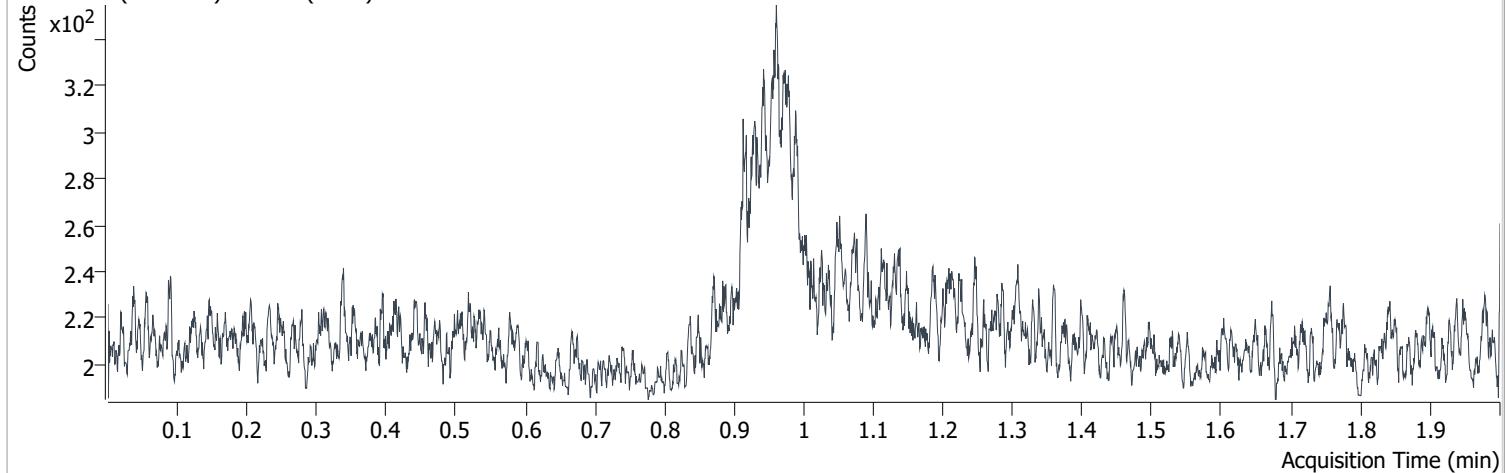
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

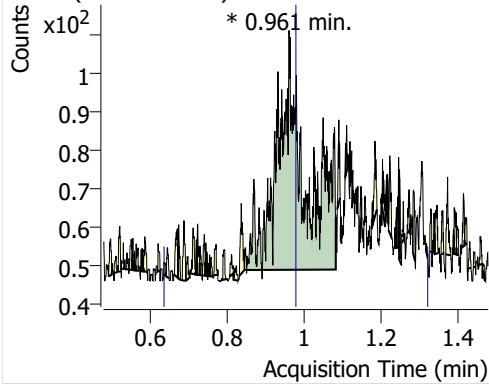
- TIC MRM (\*\* -> \*\*) MAJ6.d (MAJ6)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.961	308	17.8318	$\mu\text{g/L}$

**Levoglucosan**

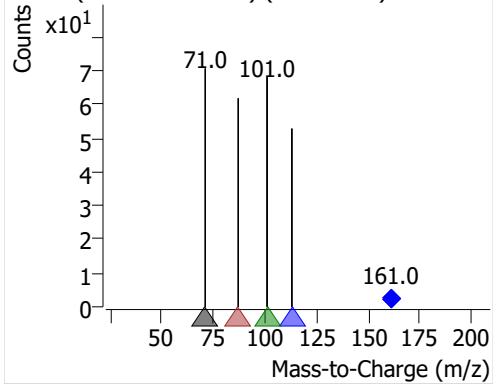
- MRM (161.0 -> 71.0) MAJ6.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 161.0

Ratio = 0.5 (30.5 %)  
Ratio = 0.4 (3.8 %)  
Ratio = 1.6 (886.9 %)

- MRM (0.845-1.083 min) (161.0->\*\*) MAJ6.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:38 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:24 PM

**Data File**

MAJ7.d

**Sample Type**

Sample

**Sample Name**

MAJ7

**Dilution**

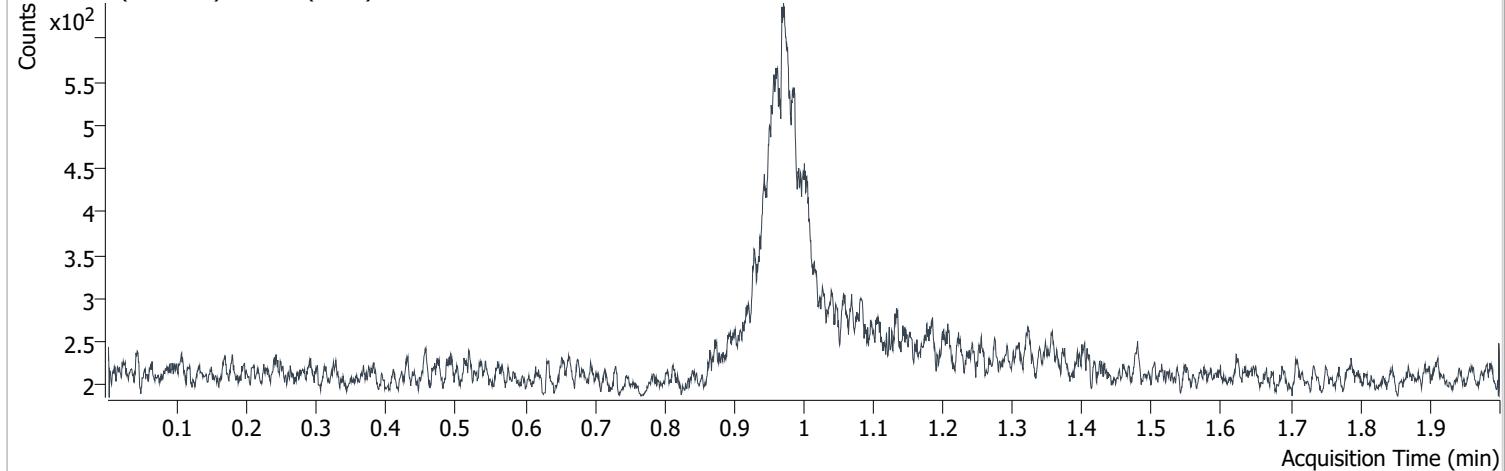
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

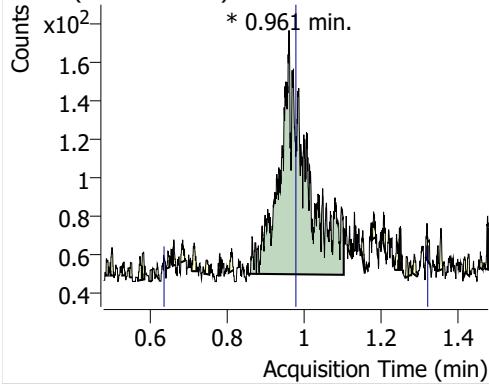
- TIC MRM (\*\* -> \*\*) MAJ7.d (MAJ7)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.961	597	24.1135	µg/L

**Levoglucosan**

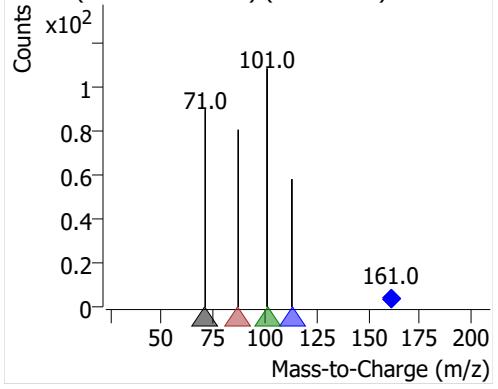
- MRM (161.0 -> 71.0) MAJ7.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 125.0

Ratio = 1.00 (100 %)  
Ratio = 0.4 (4.1 %)  
Ratio = 7.0 (3830 %)

- MRM (0.853-1.103 min) (161.0->\*\*) MAJ7.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:39 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:27 PM

**Data File**

MAJ8.d

**Sample Type**

Sample

**Sample Name**

MAJ8

**Dilution**

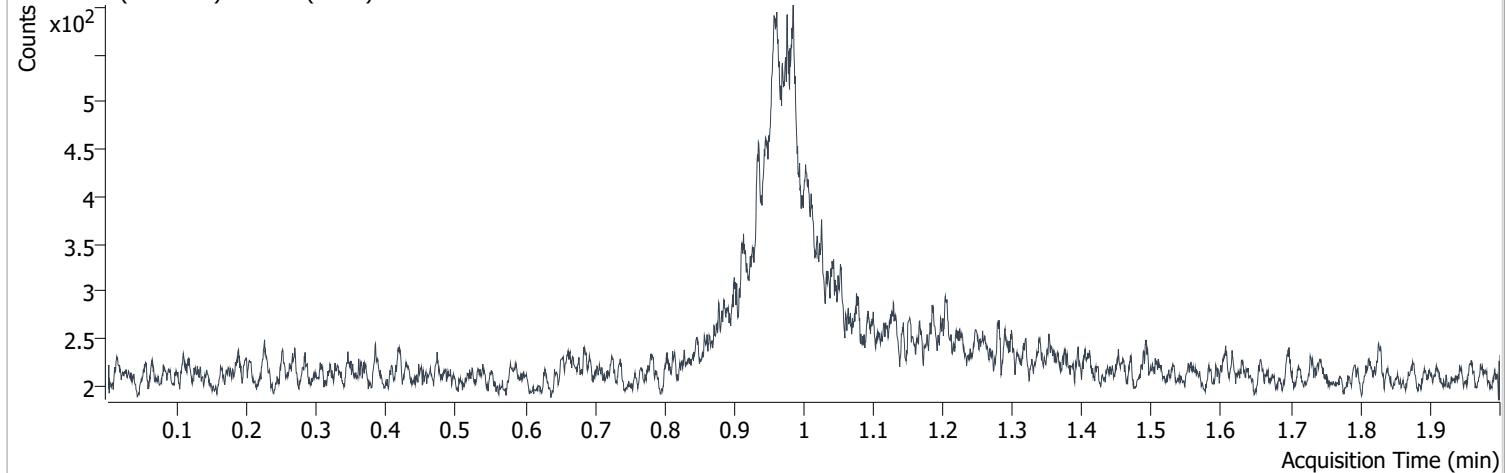
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

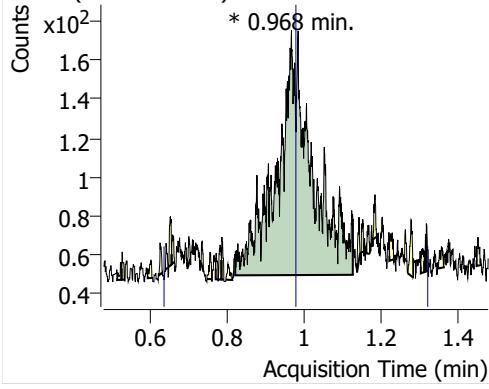
- TIC MRM (\*\* -> \*\*) MAJ8.d (MAJ8)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.968	777	28.0157	$\mu\text{g/L}$

**Levoglucosan**

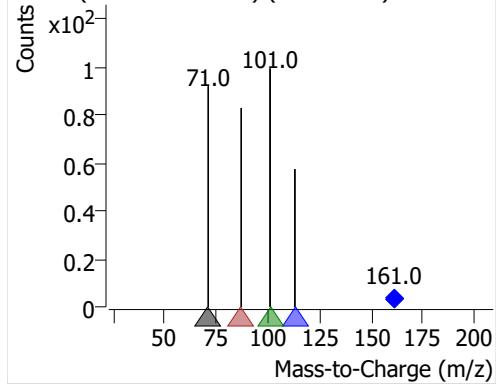
- MRM (161.0 -> 71.0) MAJ8.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 120.0

Ratio =  
Ratio = 0.7 (6.4 %)  
Ratio = 2.2 (1208.7 %)

- MRM (0.821-1.127 min) (161.0->\*\*) MAJ8.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:39 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:30 PM

**Data File**

MAJ9.d

**Sample Type**

Sample

**Sample Name**

MAJ9

**Dilution**

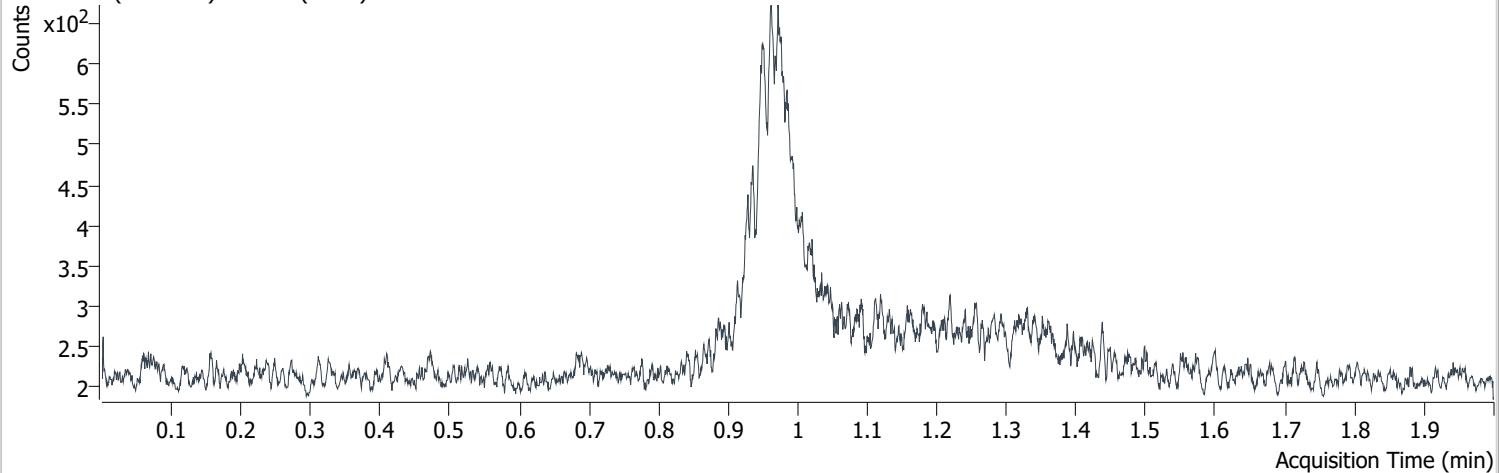
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

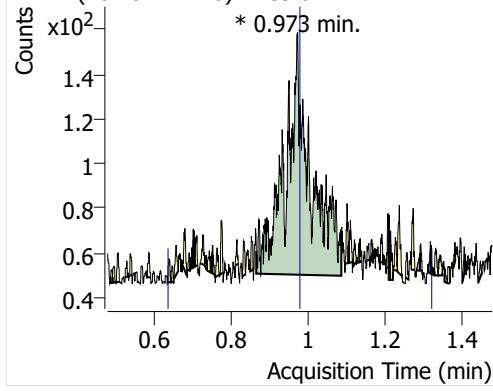
- TIC MRM (\*\* -> \*\*) MAJ9.d (MAJ9)



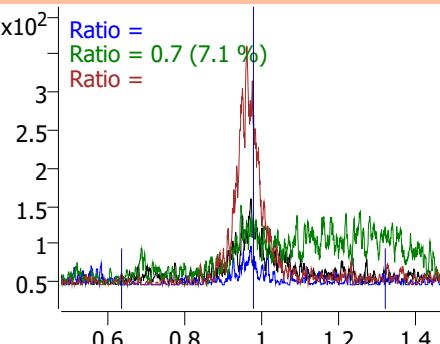
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.973	487	21.7221	µg/L

**Levoglucosan**

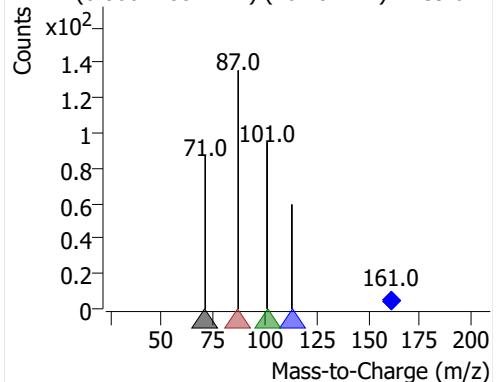
- MRM (161.0 -> 71.0) MAJ9.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.866-1.087 min) (161.0->\*\*) MAJ9.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:39 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:33 PM

**Data File**

MAJ10.d

**Sample Type**

Sample

**Sample Name**

MAJ10

**Dilution**

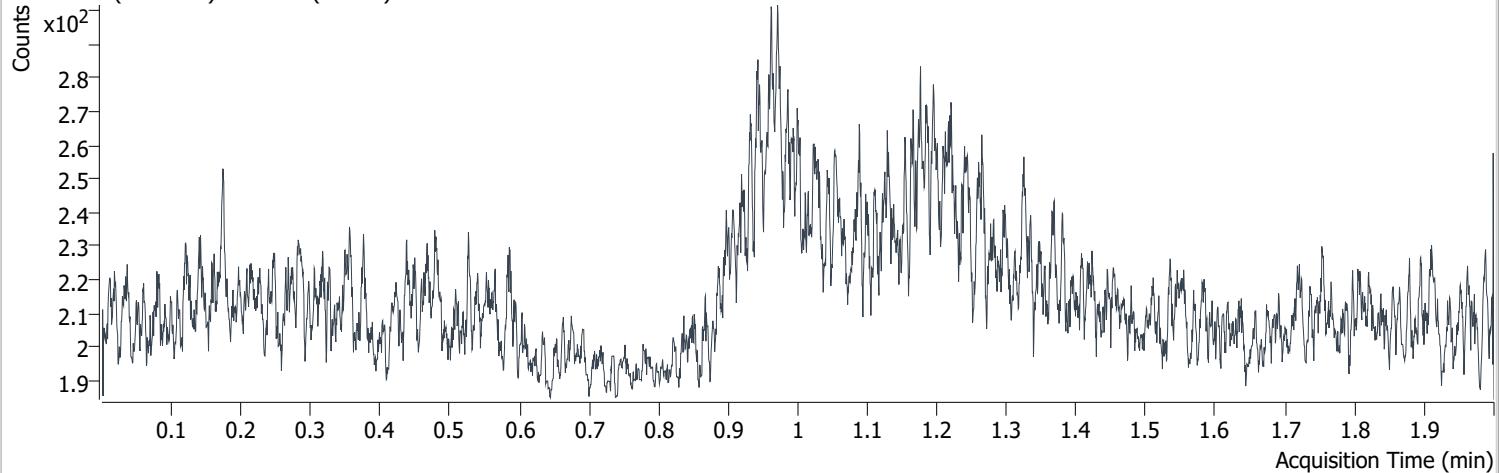
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

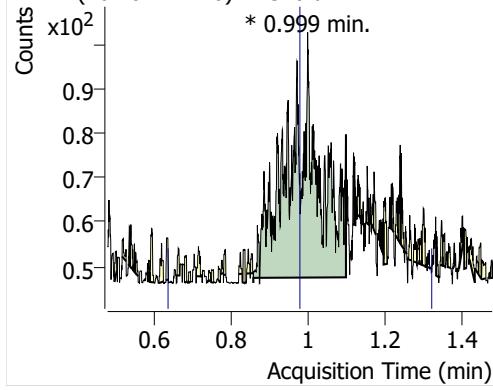
- TIC MRM (\*\* -> \*\*) MAJ10.d (MAJ10)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.999	291	17.4523	$\mu\text{g/L}$

**Levoglucosan**

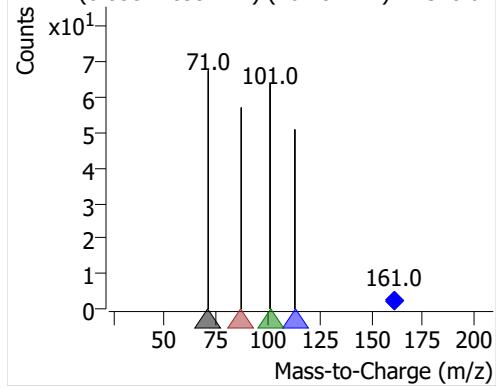
- MRM (161.0 -> 71.0) MAJ10.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0

$\times 10^2$   
Ratio = 0.4 (22.7 %)  
Ratio = 1.1 (10.4 %)  
Ratio = 0.6 (330.5 %)

- MRM (0.858-1.099 min) (161.0->\*\*) MAJ10.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:39 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:36 PM

**Data File**

MAJ11.d

**Sample Type**

Sample

**Sample Name**

MAJ11

**Dilution**

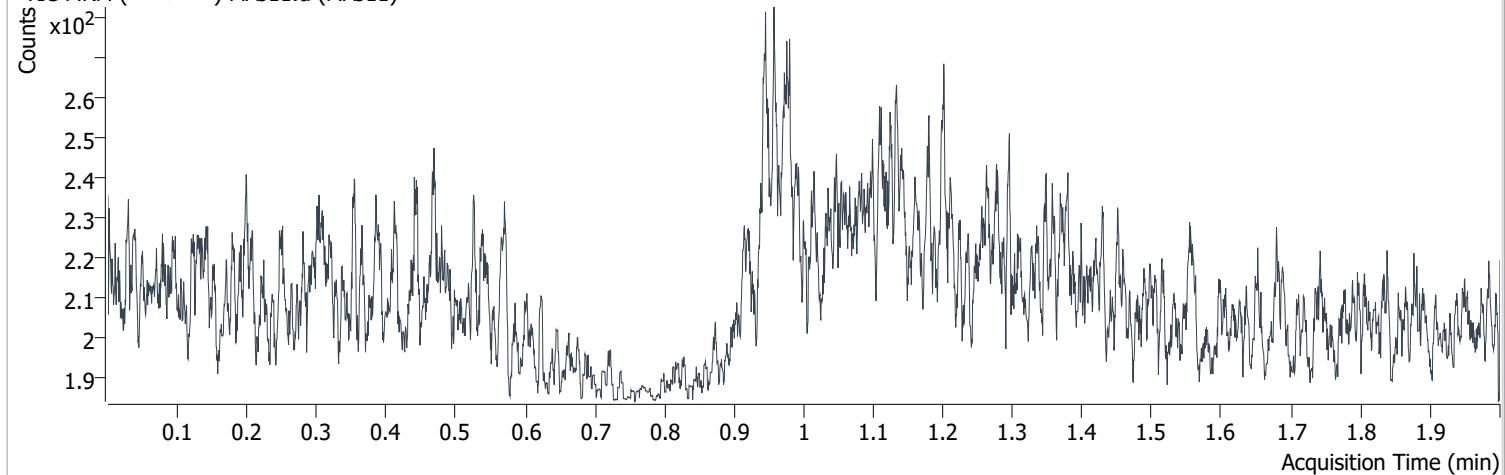
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

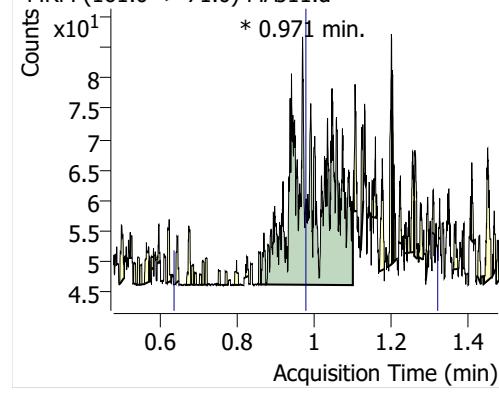
- TIC MRM (\*\* -> \*\*) MAJ11.d (MAJ11)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.971	196	15.3985	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) MAJ11.d



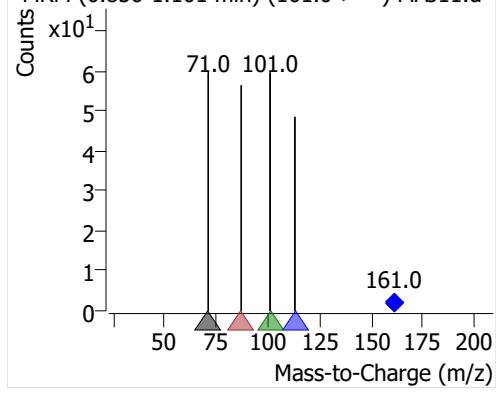
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0

Ratio = 0.8 (47.0 %)

Ratio =

Ratio = 0.5 (274.4 %)

- MRM (0.856-1.101 min) (161.0->\*\*) MAJ11.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:39 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 8:39 PM

Data File

Blank13.d

## Sample Type

Sample

Sample Name

Blank

## Dilution

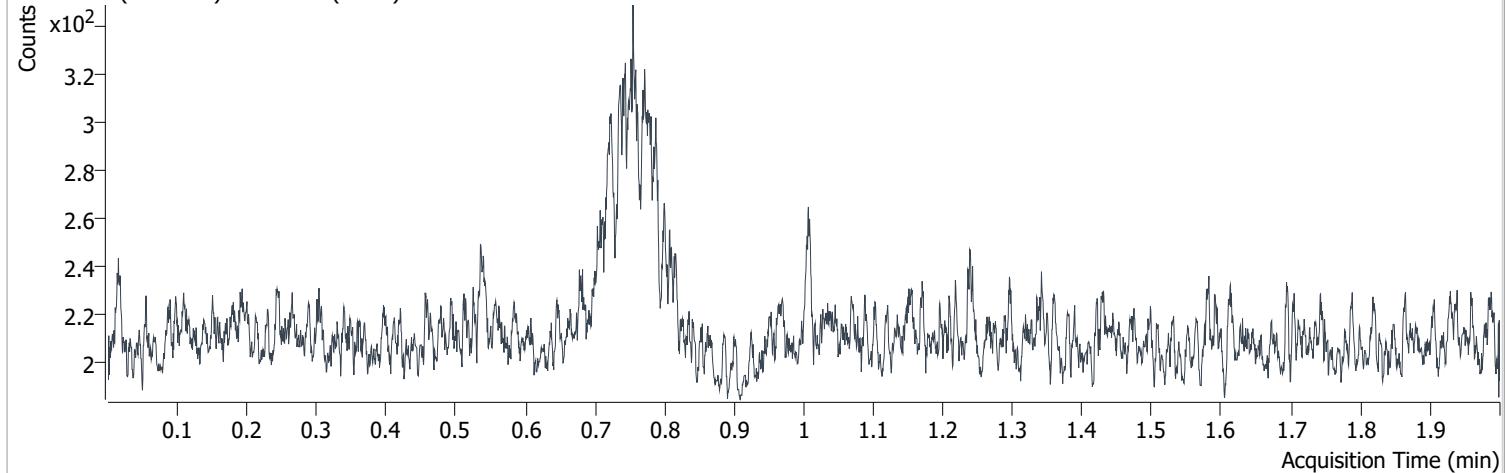
1

Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

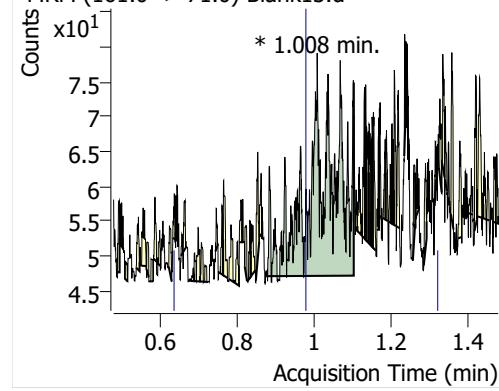
- TIC MRM (\*\* -> \*\*) Blank13.d (Blank)



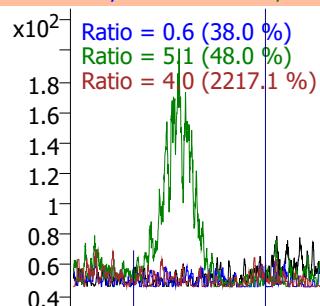
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.008	145	14.2825	µg/L

## Levoglucosan

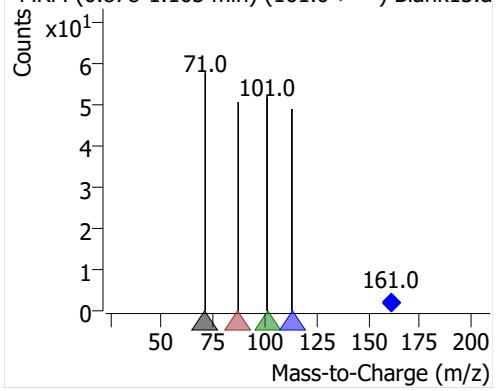
- MRM (161.0 -> 71.0) Blank13.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 1



- MRM (0.878-1.103 min) (161.0->\*\*) Blank13.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:39 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:41 PM

**Data File**

CKSTD1-5ppb.d

**Sample Type**

Sample

**Sample Name**

CKSTD-5ppb

**Dilution**

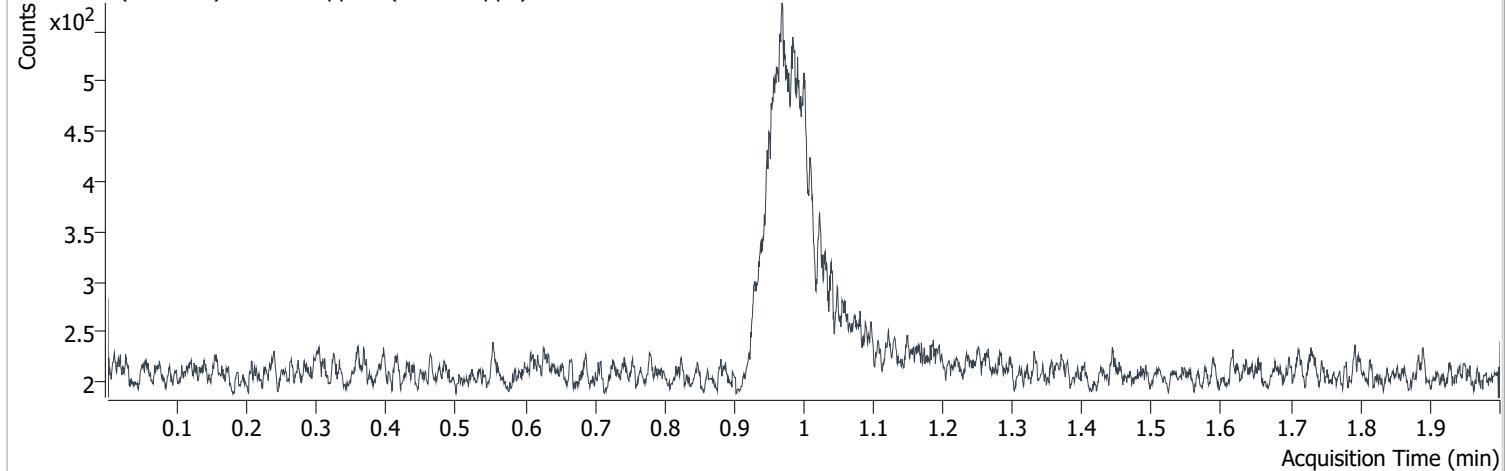
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

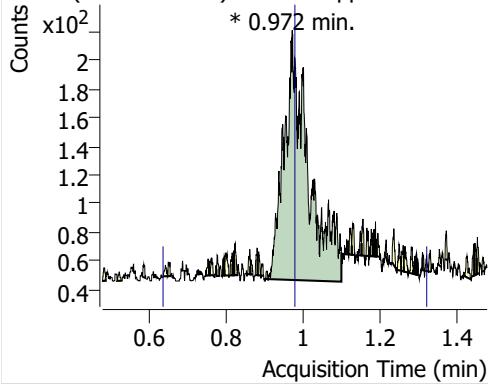
- TIC MRM (\*\* -> \*\*) CKSTD1-5ppb.d (CKSTD-5ppb)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.972	762	27.6796	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) CKSTD1-5ppb.d



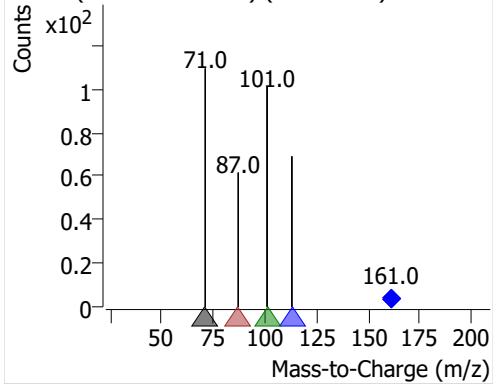
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 2.1 (121.2 %)

Ratio = 0.9 (8.7 %)

Ratio =

- MRM (0.899-1.100 min) (161.0->\*\*) CKSTD1-5



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:40 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:44 PM

**Data File**

Blank14.d

**Sample Type**

Sample

**Sample Name**

Blank

**Dilution**

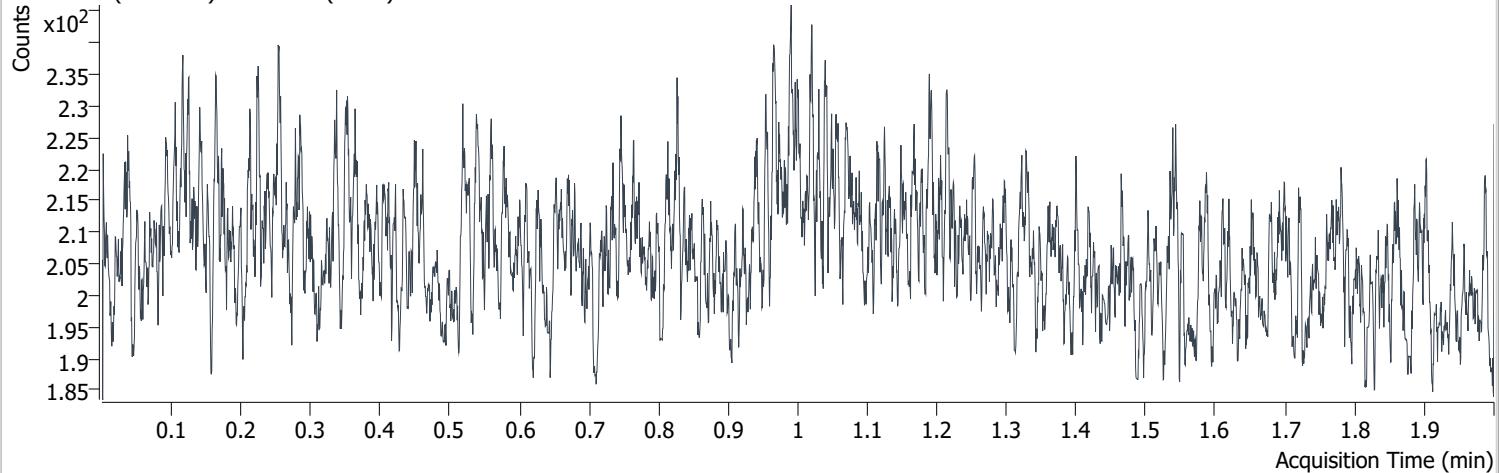
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

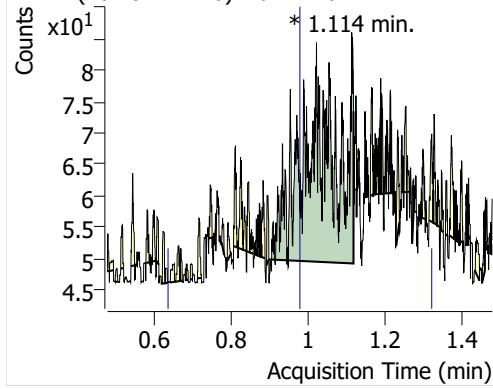
- TIC MRM (\*\* -> \*\*) Blank14.d (Blank)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.114	184	15.1318	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank14.d



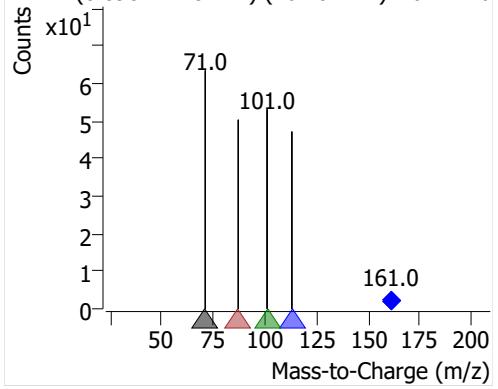
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0

Ratio = 0.3 (20.1 %)

Ratio = 1.8 (17.4 %)

Ratio = 0.3 (142.5 %)

- MRM (0.898-1.118 min) (161.0->\*\*) Blank14.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:40 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:47 PM

**Data File**

PESC1.d

**Sample Type**

Sample

**Sample Name**

PESC1

**Dilution**

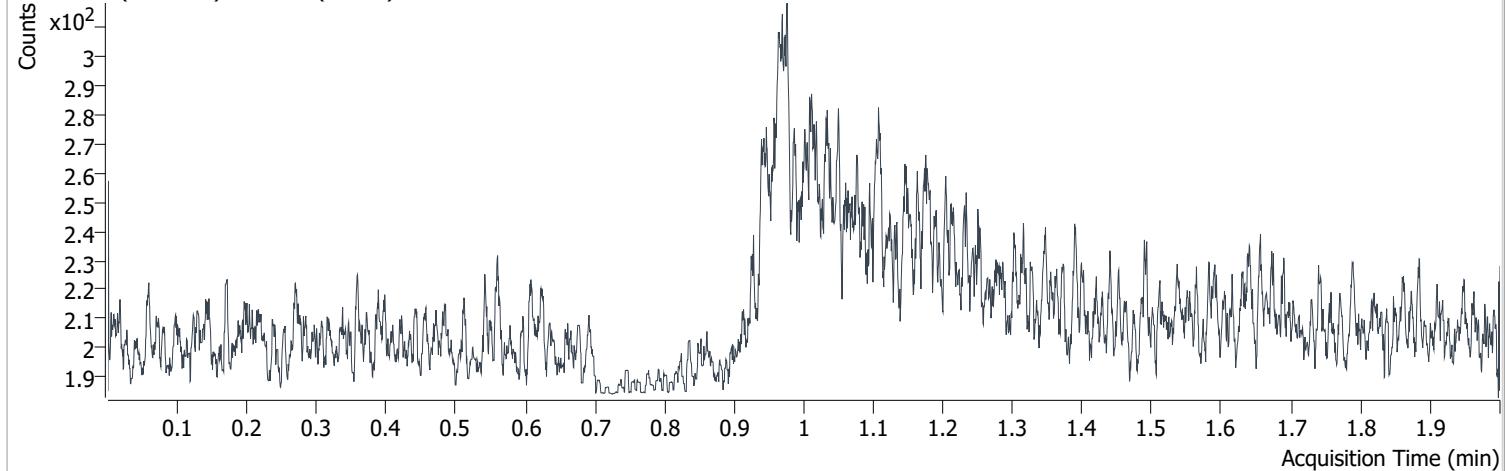
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

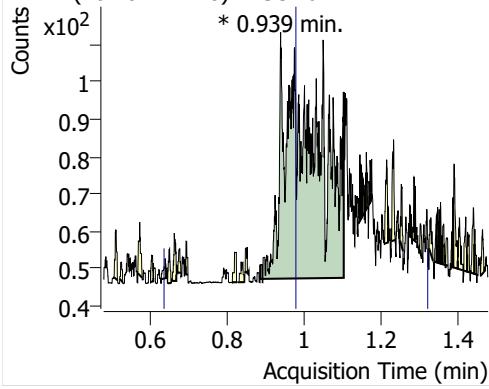
- TIC MRM (\*\* -> \*\*) PESC1.d (PESC1)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.939	384	19.4686	µg/L

**Levoglucosan**

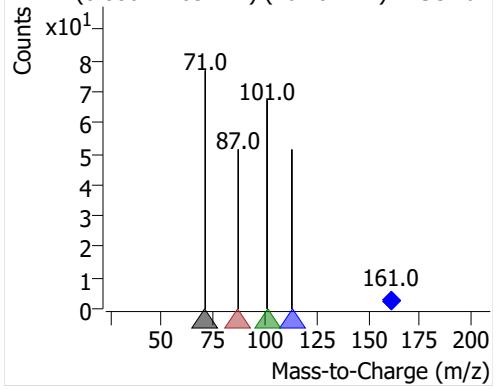
- MRM (161.0 -> 71.0) PESC1.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.9 (52.4 %)  
Ratio = 0.7 (6.5 %)  
Ratio = 0.7 (357.8 %)

- MRM (0.886-1.103 min) (161.0->\*\*) PESC1.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:40 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:50 PM

**Data File**

PESC2.d

**Sample Type**

Sample

**Sample Name**

PESC2

**Dilution**

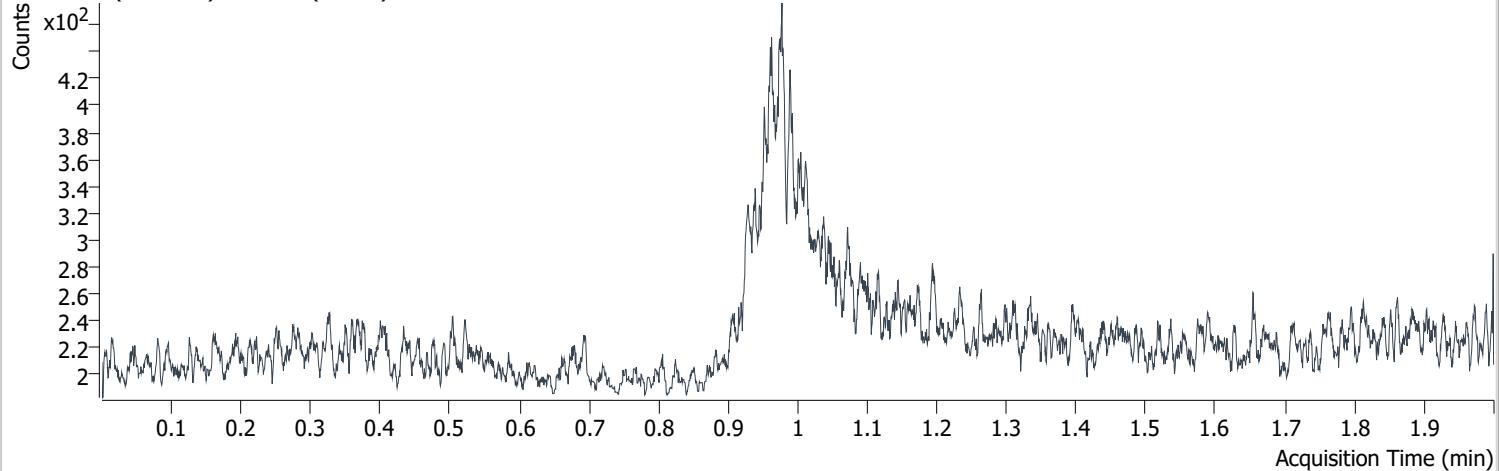
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

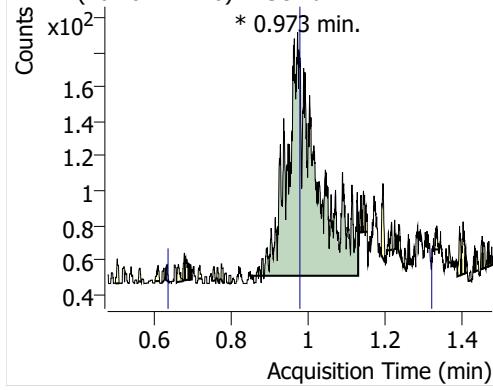
- TIC MRM (\*\* -> \*\*) PESC2.d (PESC2)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.973	747	27.3555	$\mu\text{g/L}$

**Levoglucosan**

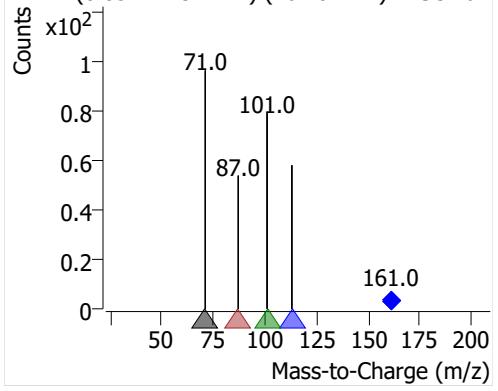
- MRM (161.0 -> 71.0) PESC2.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

$\text{Ratio} = 0.5 \text{ (30.1 \%)}$   
 $\text{Ratio} = 3.2 \text{ (30.0 \%)}$   
 $\text{Ratio} = 0.3 \text{ (167.3 \%)}$

- MRM (0.857-1.131 min) (161.0->\*\*) PESC2.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:40 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:53 PM

**Data File**

PESC3.d

**Sample Type**

Sample

**Sample Name**

PESC3

**Dilution**

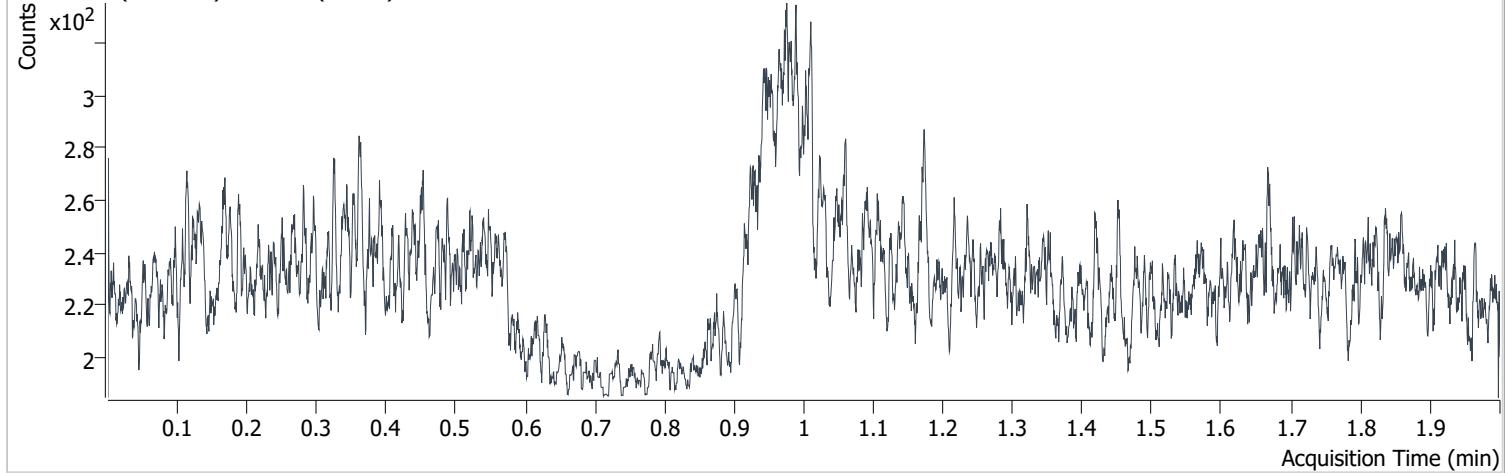
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

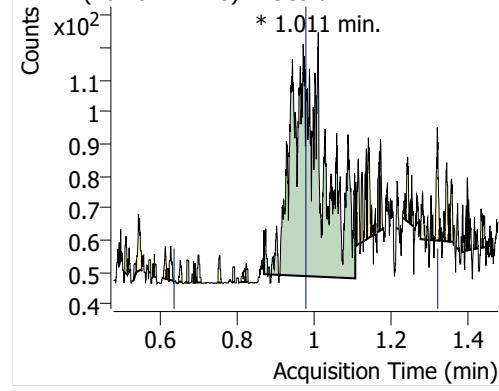
- TIC MRM (\*\* -> \*\*) PESC3.d (PESC3)



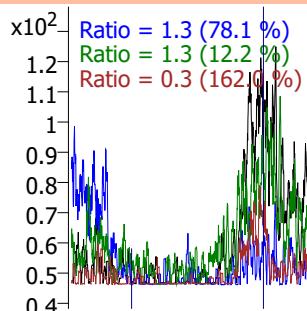
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.011	430	20.4740	$\mu\text{g/L}$

**Levoglucosan**

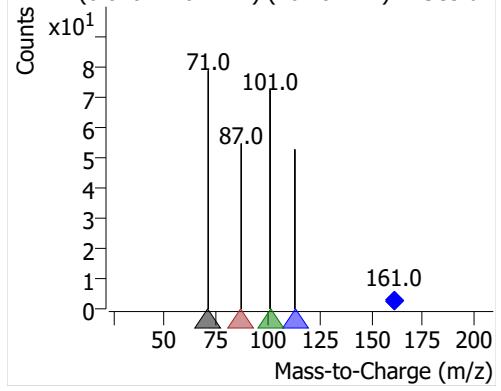
- MRM (161.0 -> 71.0) PESC3.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.870-1.107 min) (161.0->\*\*) PESC3.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:40 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 8:56 PM

Data File

PESC4.d

## Sample Type

Sample

Sample Name

PESC4

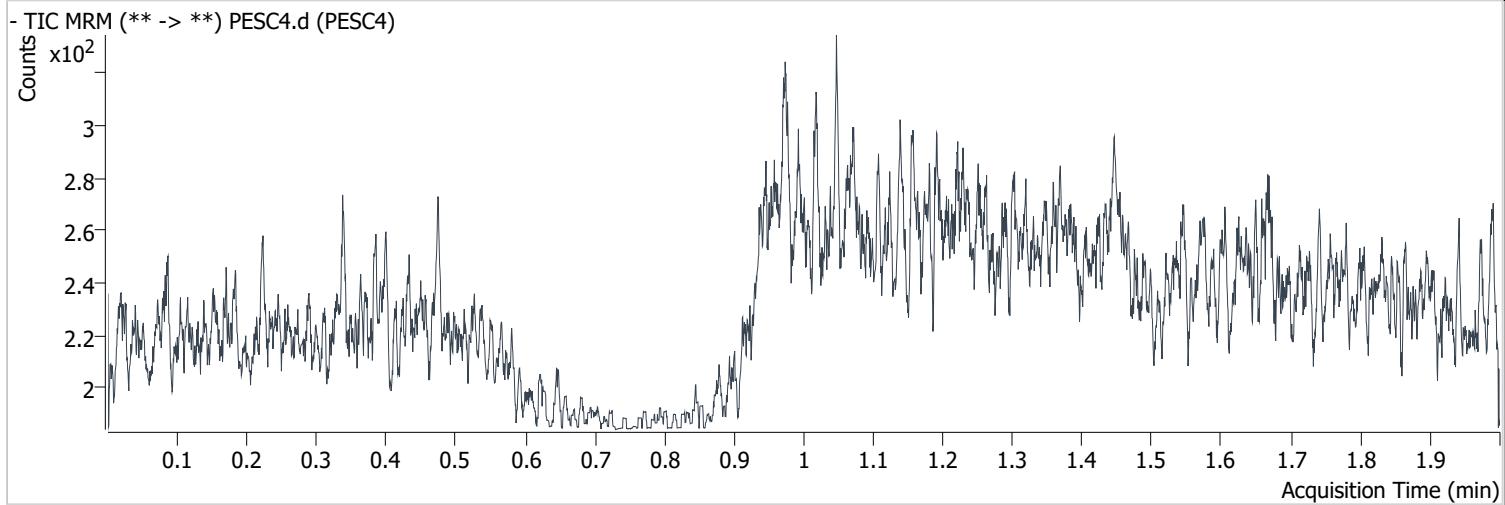
## Dilution

1

Acq. Method

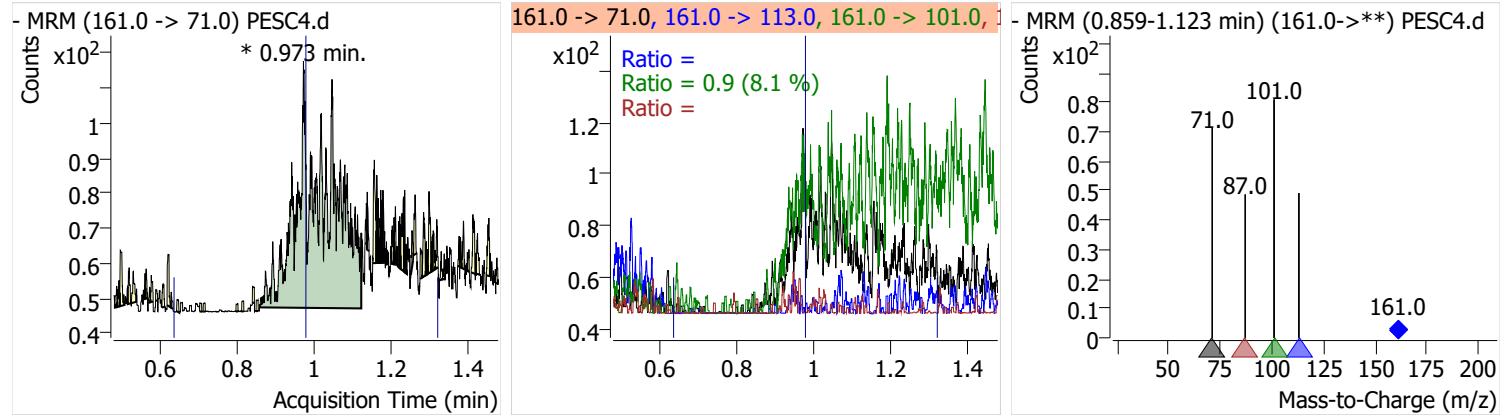
Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.973	380	19.3831	$\mu\text{g/L}$

## Levoglucosan



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:40 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 8:59 PM

**Data File**

PESC5.d

**Sample Type**

Sample

**Sample Name**

PESC5

**Dilution**

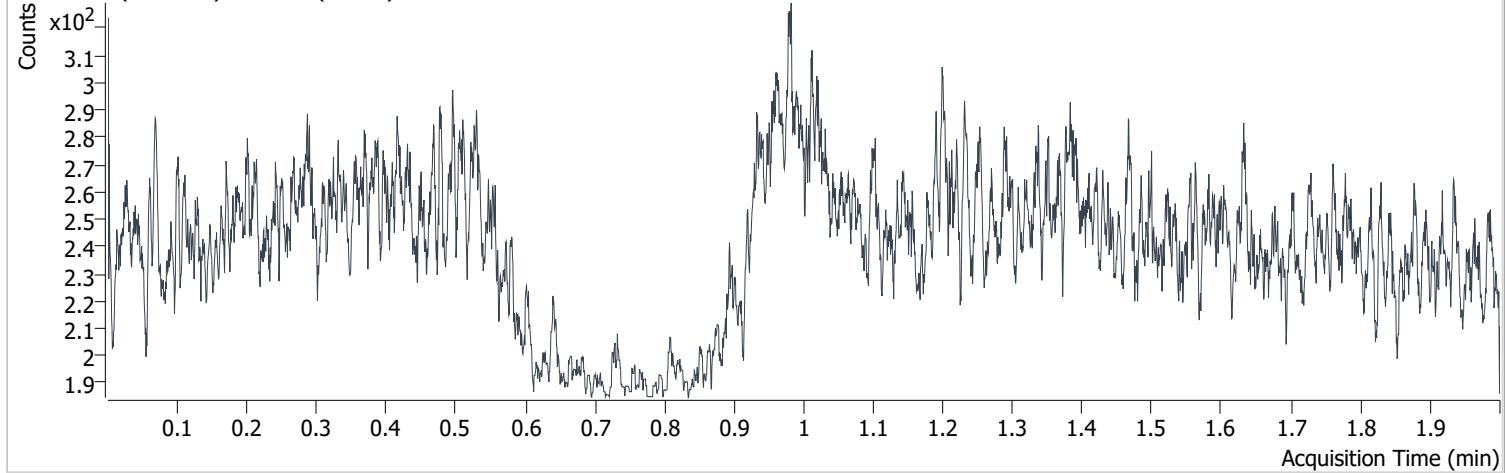
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

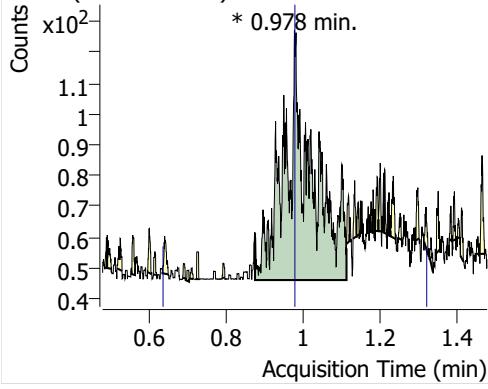
- TIC MRM (\*\* -> \*\*) PESC5.d (PESC5)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.978	396	19.7347	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) PESC5.d



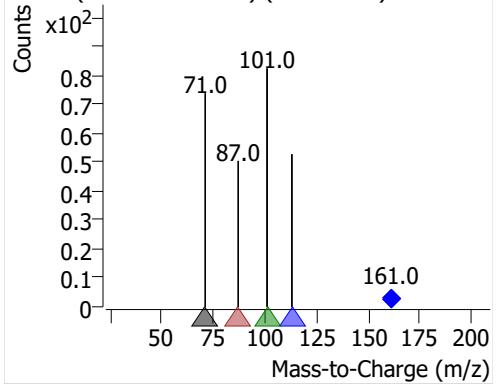
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.8 (103.9 %)

Ratio =

Ratio = 0.1 (75.2 %)

- MRM (0.876-1.113 min) (161.0->\*\*) PESC5.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:40 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 9:02 PM

## Data File

PESC6.d

## Sample Type

Sample

## Sample Name

PESC6

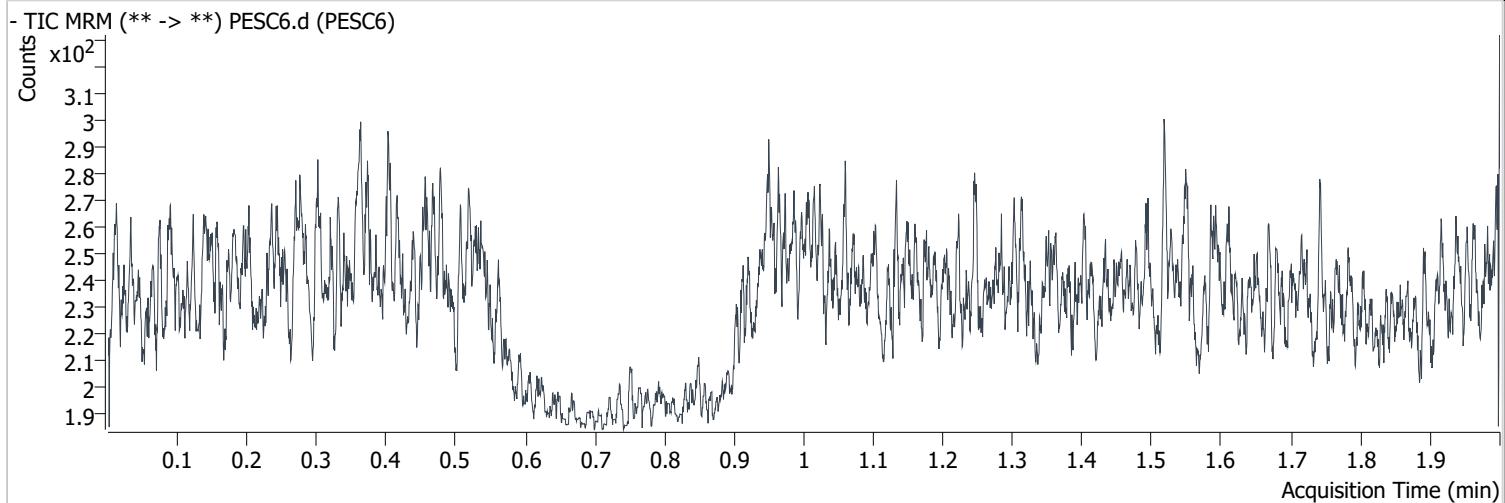
## Dilution

1

## Acq. Method

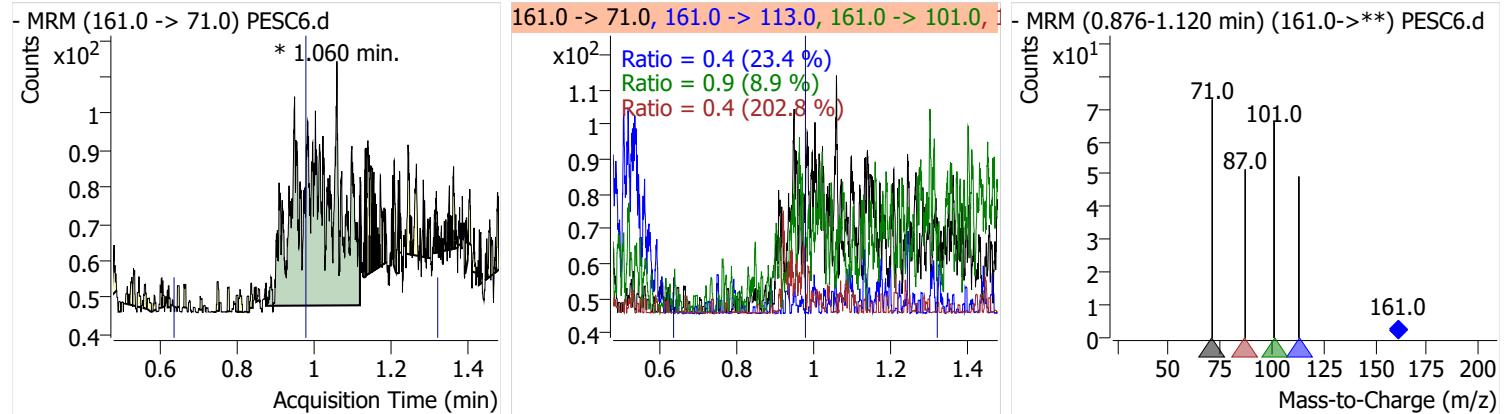
Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.060	366	19.0838	$\mu\text{g/L}$

## Levoglucosan



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:41 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:05 PM

**Data File**

PESC7.d

**Sample Type**

Sample

**Sample Name**

PESC7

**Dilution**

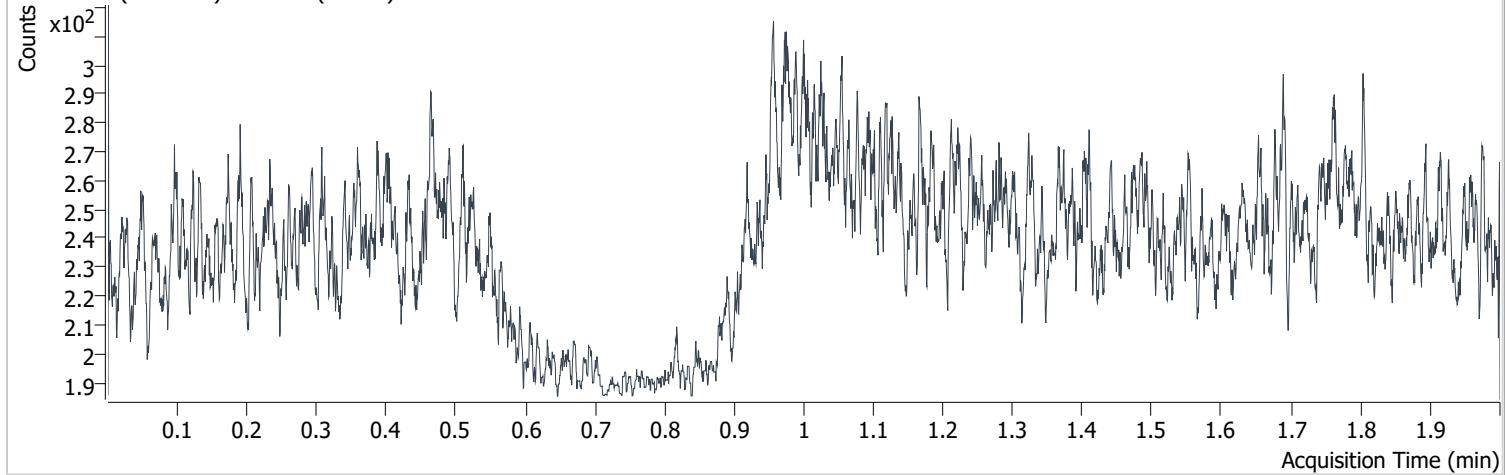
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

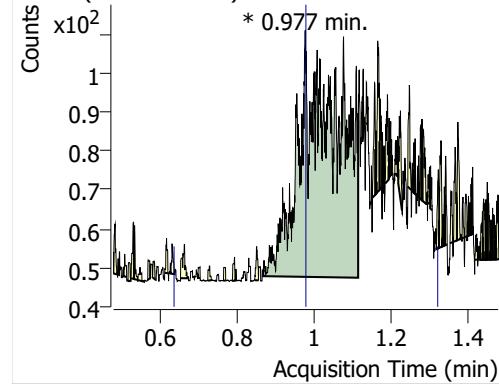
- TIC MRM (\*\* -> \*\*) PESC7.d (PESC7)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.977	439	20.6804	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) PESC7.d



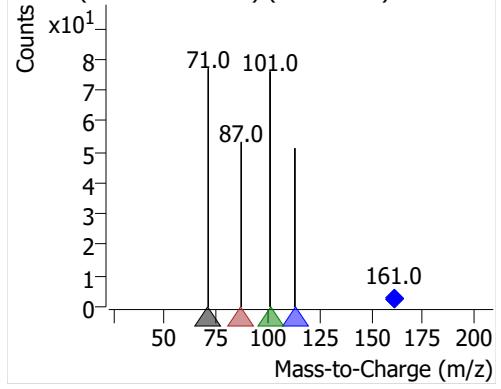
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.4 (24.7 %)

Ratio = 0.8 (8.0 %)

Ratio =

- MRM (0.868-1.115 min) (161.0->\*\*) PESC7.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:41 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:08 PM

**Data File**

PESC9.d

**Sample Type**

Sample

**Sample Name**

PESC9

**Dilution**

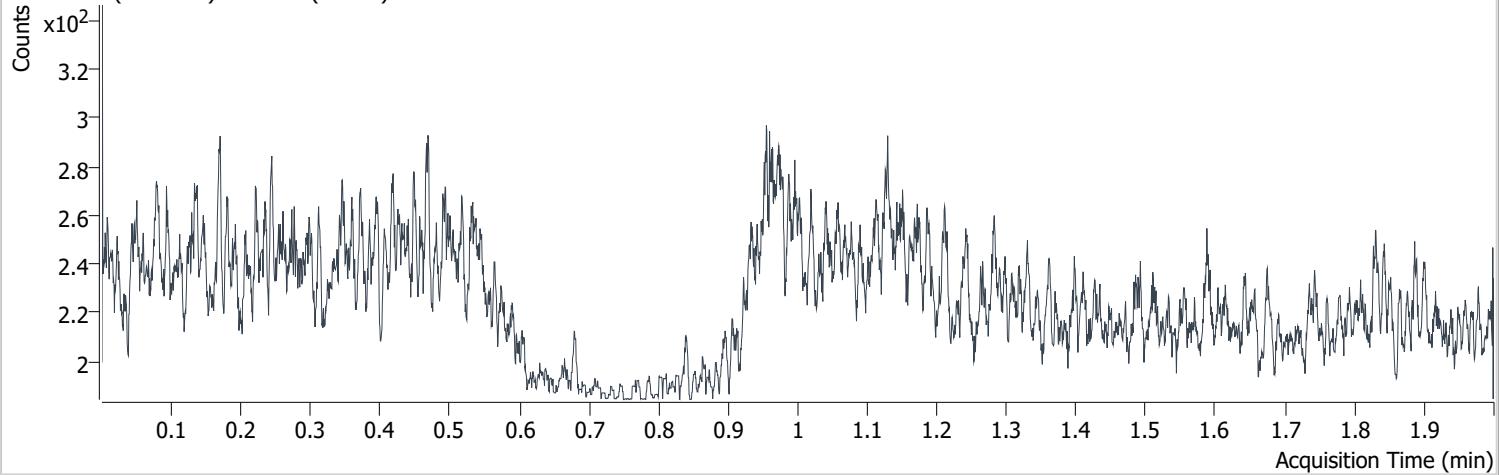
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

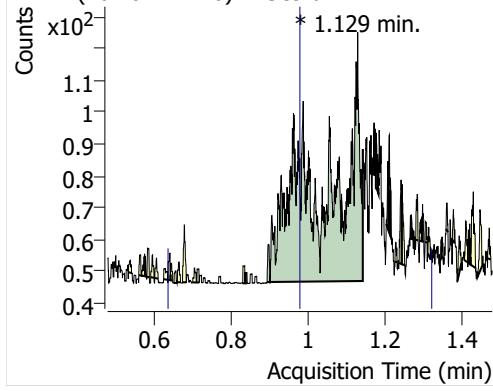
- TIC MRM (\*\* -> \*\*) PESC9.d (PESC9)



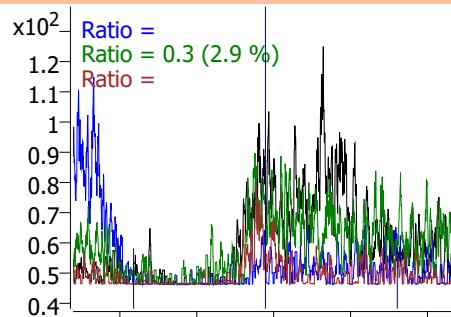
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.129	409	20.0296	$\mu\text{g/L}$

**Levoglucosan**

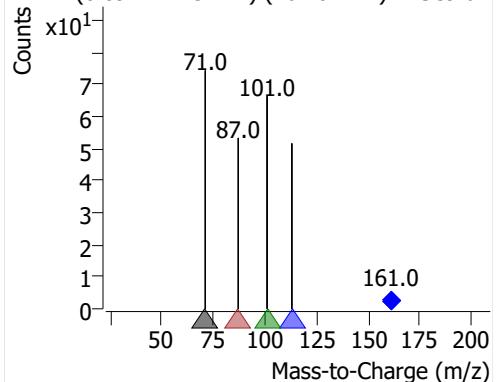
- MRM (161.0 -> 71.0) PESC9.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.894-1.143 min) (161.0->\*\*) PESC9.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:41 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 9:11 PM

## Data File

PESC10.d

## Sample Type

Sample

## Sample Name

PESC10

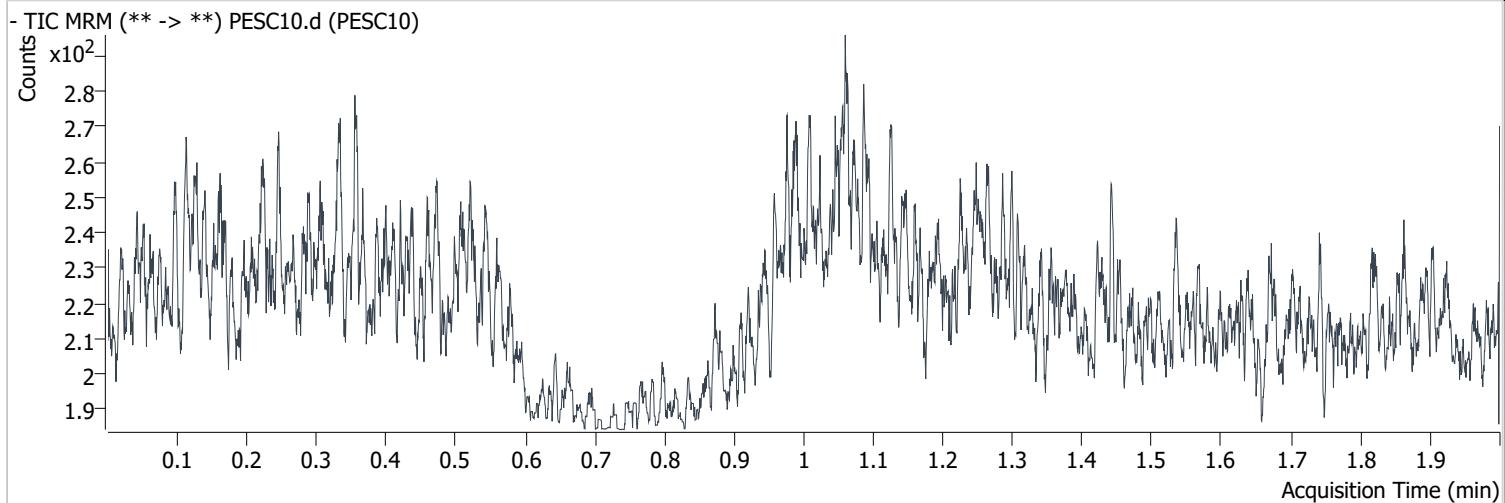
## Dilution

1

## Acq. Method

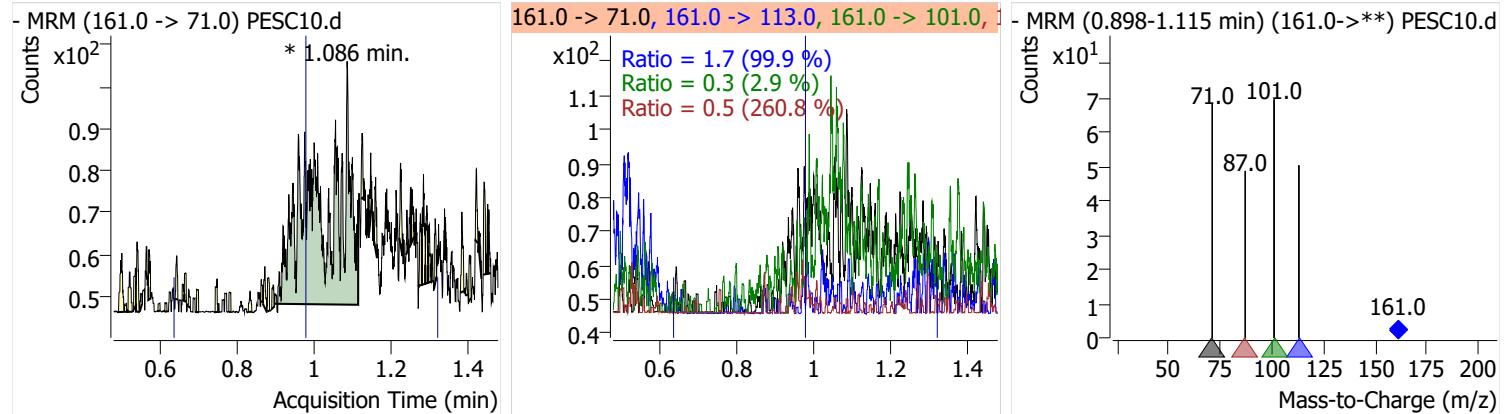
Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.086	265	16.8844	$\mu\text{g/L}$

## Levoglucosan



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:41 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:14 PM

**Data File**

PESC11.d

**Sample Type**

Sample

**Sample Name**

PESC11

**Dilution**

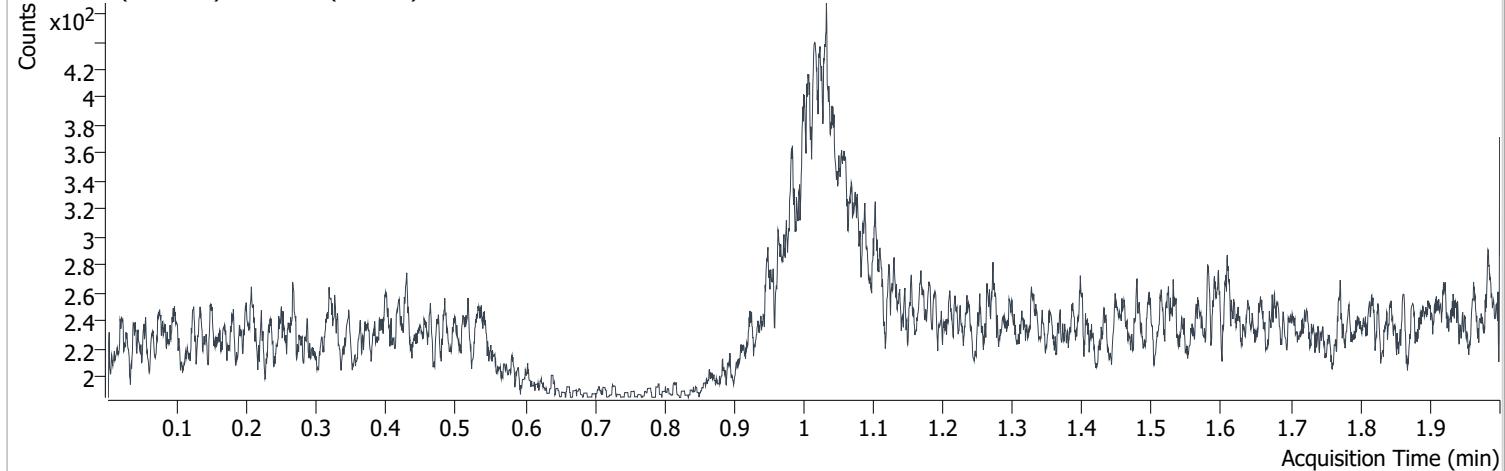
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

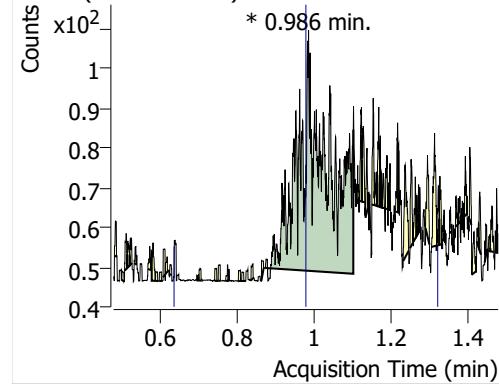
- TIC MRM (\*\* -> \*\*) PESC11.d (PESC11)



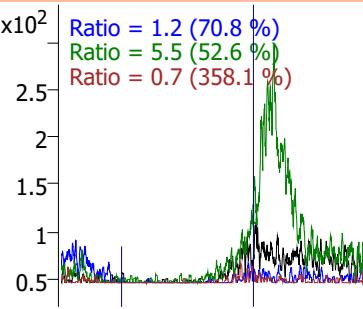
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.986	295	17.5388	µg/L

**Levoglucosan**

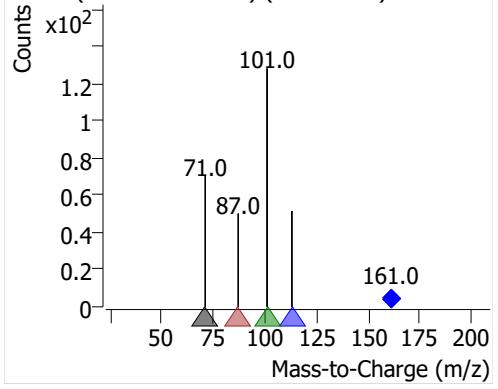
- MRM (161.0 -> 71.0) PESC11.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.874-1.102 min) (161.0->\*\*) PESC11.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:41 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:17 PM

**Data File**

Blank15.d

**Sample Type**

Sample

**Sample Name**

Blank

**Dilution**

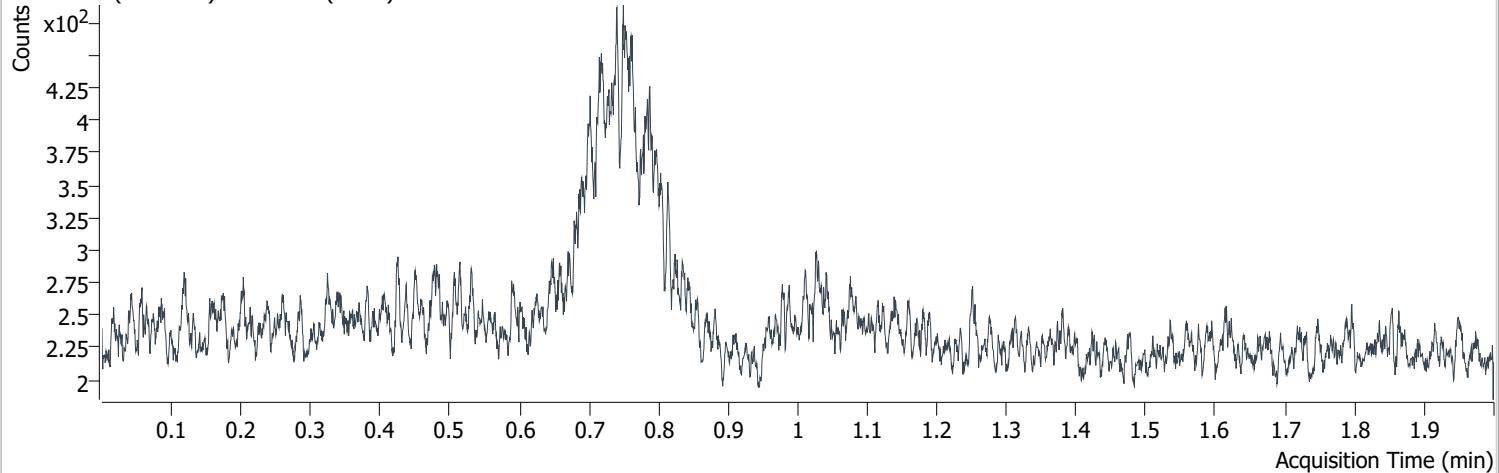
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

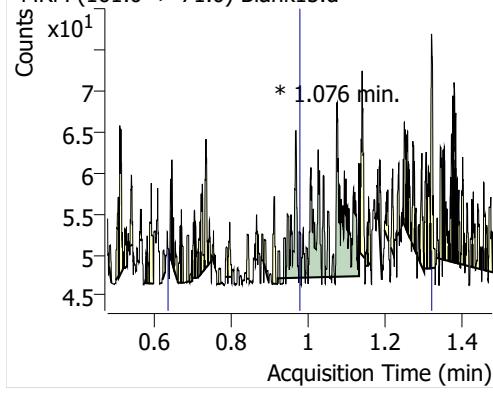
- TIC MRM (\*\* -> \*\*) Blank15.d (Blank)



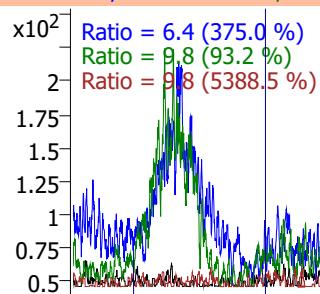
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.076	68	12.6113	$\mu\text{g/L}$

**Levoglucosan**

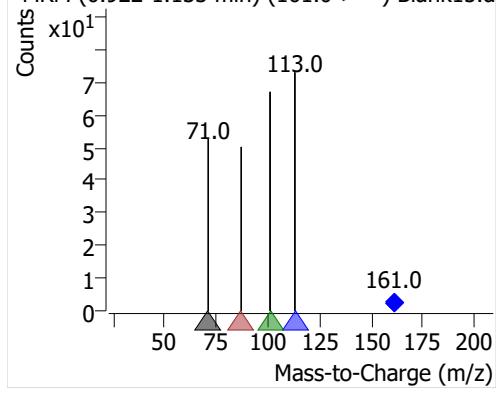
- MRM (161.0 -> 71.0) Blank15.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 91.0



- MRM (0.922-1.133 min) (161.0->\*\*) Blank15.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:41 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:20 PM

**Data File**

CKSTD1-0.2ppb.d

**Sample Type**

Sample

**Sample Name**

CKSTD-0.2ppb

**Dilution**

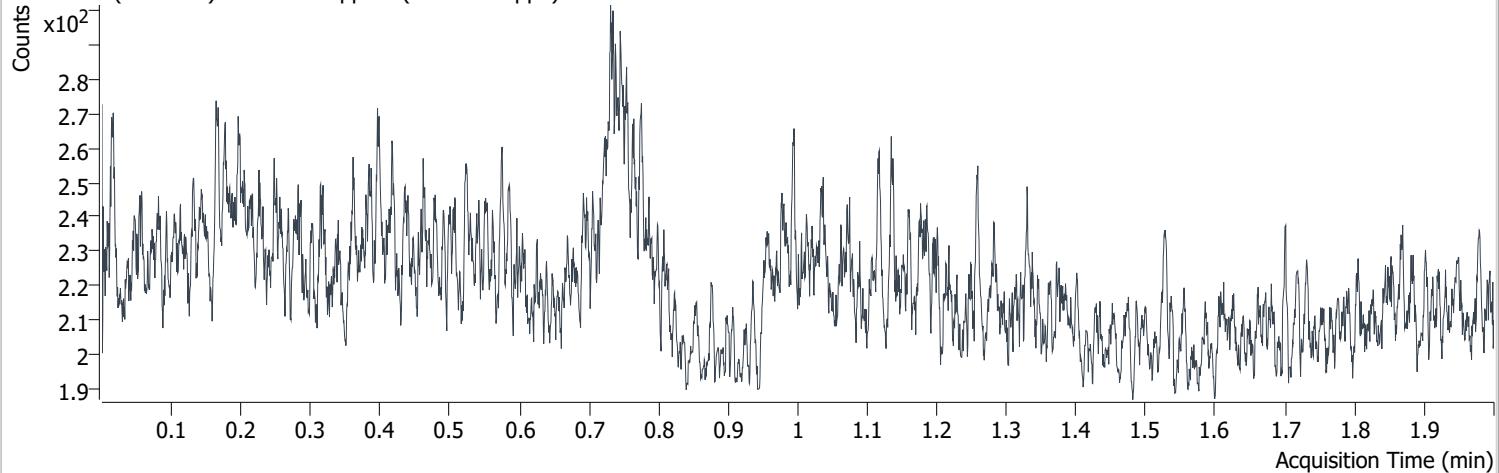
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

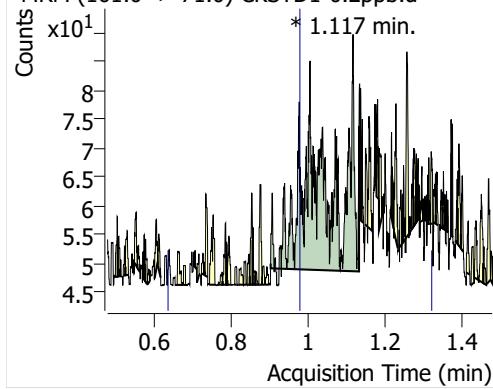
- TIC MRM (\*\* -> \*\*) CKSTD1-0.2ppb.d (CKSTD-0.2ppb)



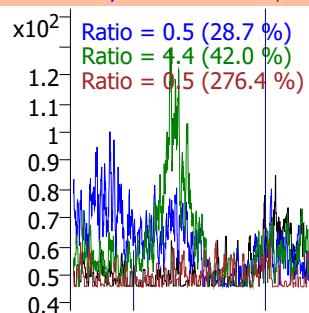
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.117	159	14.5933	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) CKSTD1-0.2ppb.d

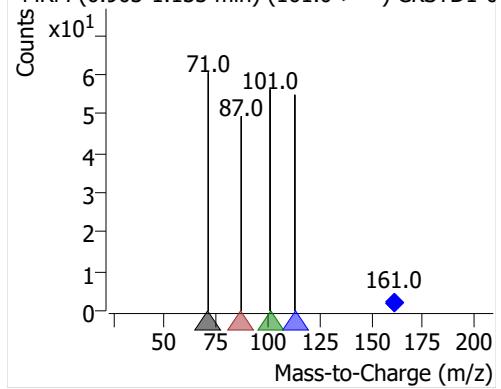


161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



Ratio = 0.5 (28.7 %)  
Ratio = 4.4 (42.0 %)  
Ratio = 0.5 (276.4 %)

- MRM (0.903-1.133 min) (161.0->\*\*) CKSTD1-0



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:42 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:23 PM

**Data File**

Blank16.d

**Sample Type**

Sample

**Sample Name**

Blank

**Dilution**

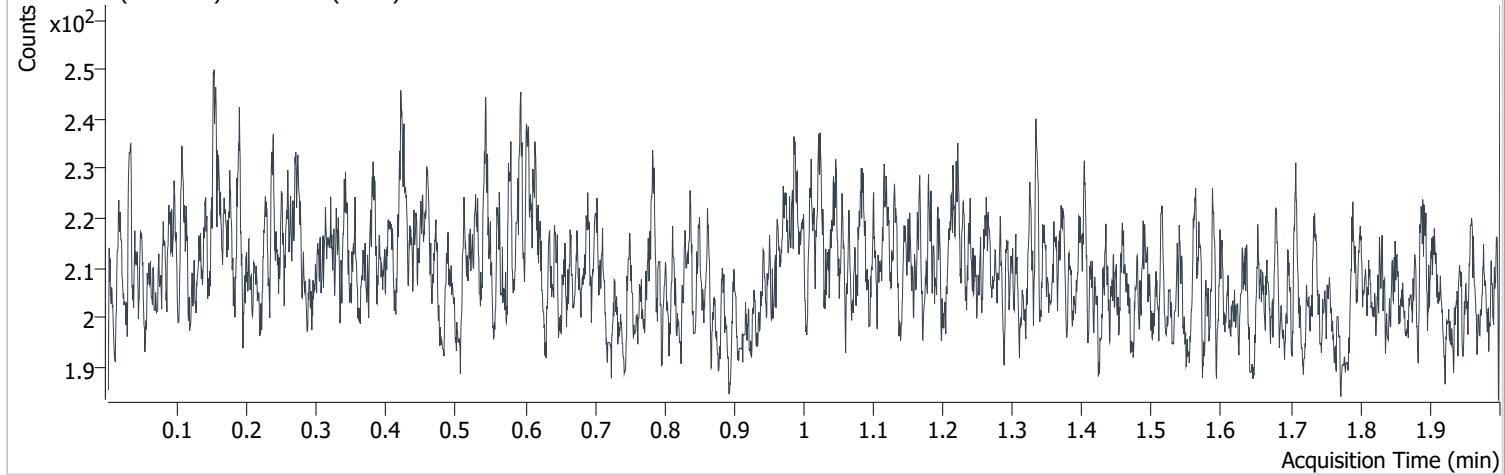
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

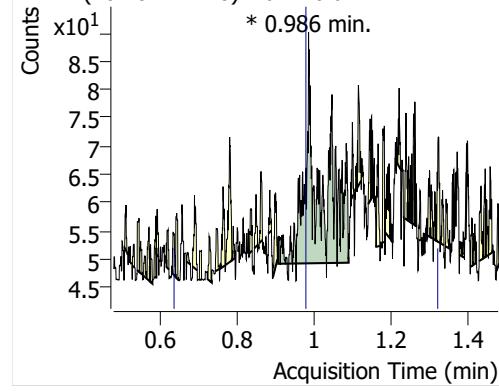
- TIC MRM (\*\* -> \*\*) Blank16.d (Blank)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.986	112	13.5779	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank16.d

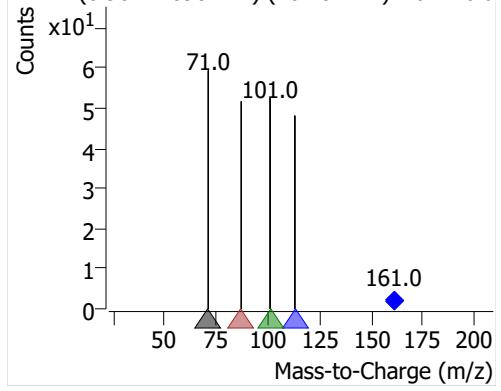


161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 161.0

$\times 10^1$

Ratio = 1.2 (68.9 %)  
Ratio = 1.0 (9.1 %)  
Ratio = 1.8 (995.9 %)

- MRM (0.907-1.090 min) (161.0->\*\*) Blank16.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:42 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:26 PM

**Data File**

SAN1.d

**Sample Type**

Sample

**Sample Name**

SAN1

**Dilution**

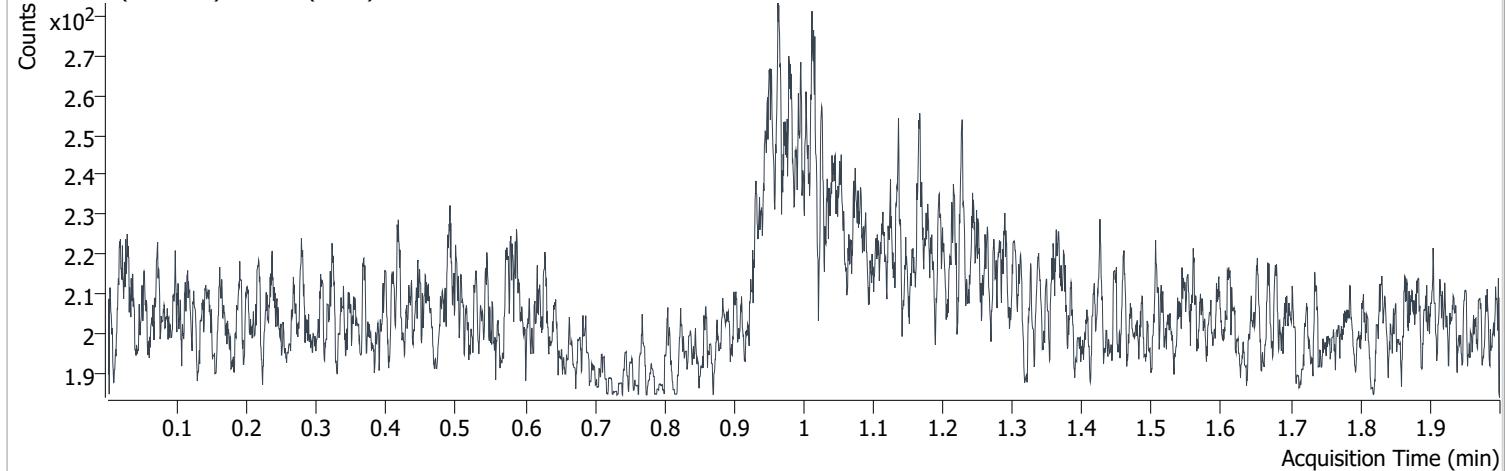
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

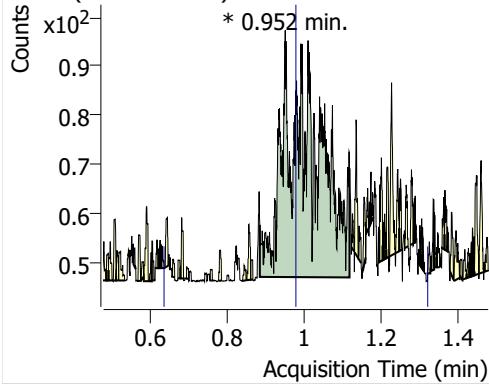
- TIC MRM (\*\* -> \*\*) SAN1.d (SAN1)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.952	293	17.5069	µg/L

**Levoglucosan**

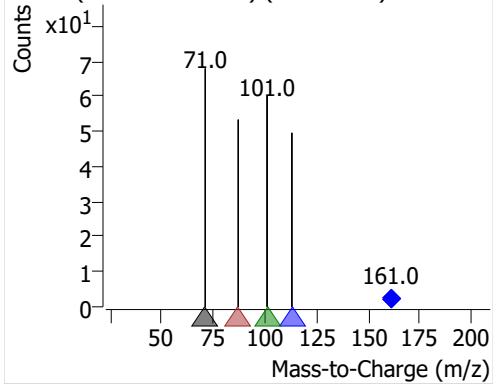
- MRM (161.0 -> 71.0) SAN1.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 161.0

x10<sup>2</sup>  
Ratio =  
Ratio =  
Ratio = 0.6 (340.3 %)

- MRM (0.885-1.118 min) (161.0->\*\*) SAN1.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:42 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:29 PM

**Data File**

SAN2.d

**Sample Type**

Sample

**Sample Name**

SAN2

**Dilution**

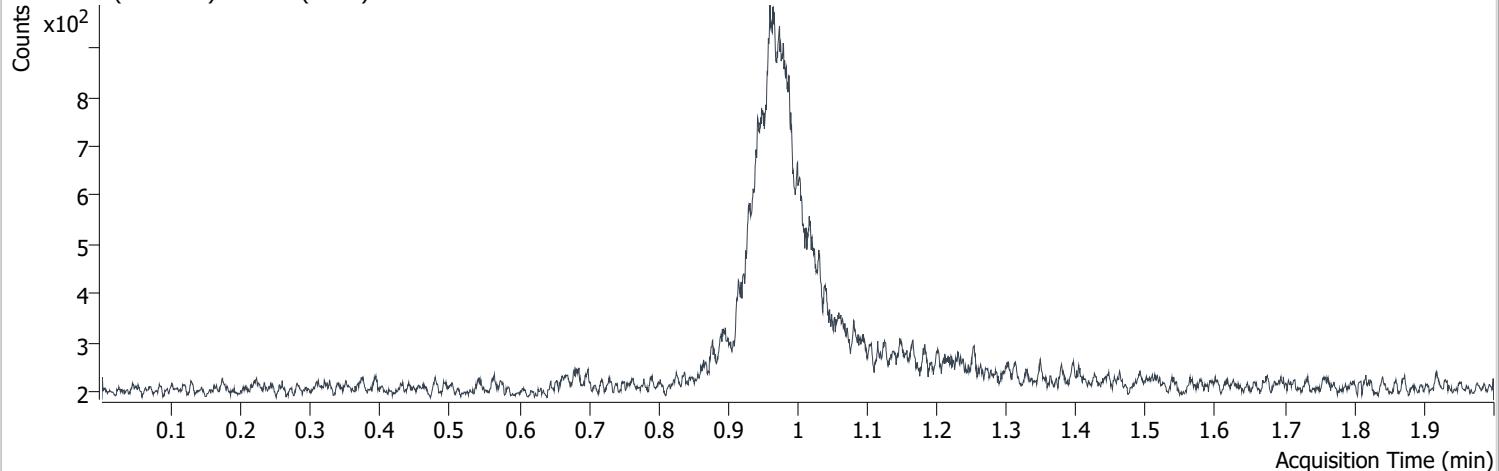
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

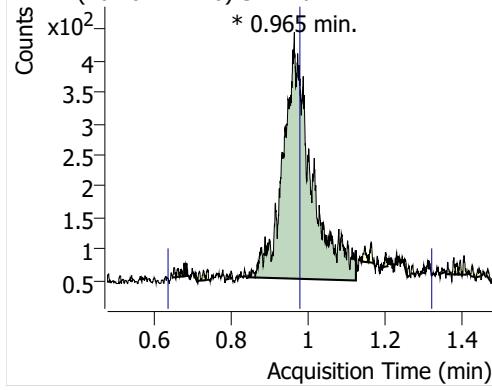
- TIC MRM (\*\* -> \*\*) SAN2.d (SAN2)



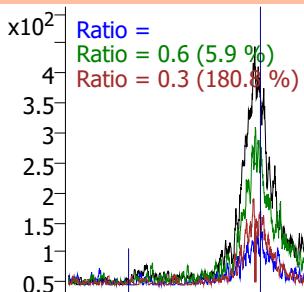
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.965	1945	53.3801	$\mu\text{g/L}$

**Levoglucosan**

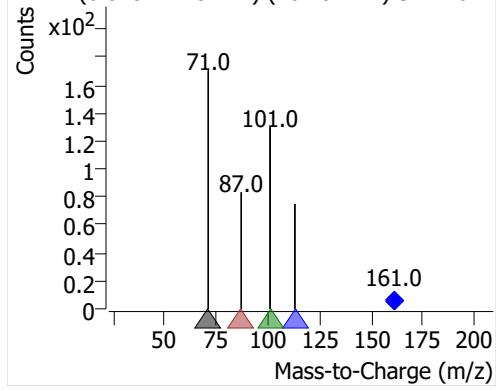
- MRM (161.0 -> 71.0) SAN2.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.848-1.125 min) (161.0->\*\*) SAN2.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:42 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 9:32 PM

Data File

SAN3.d

## Sample Type

Sample

Sample Name

SAN3

## Dilution

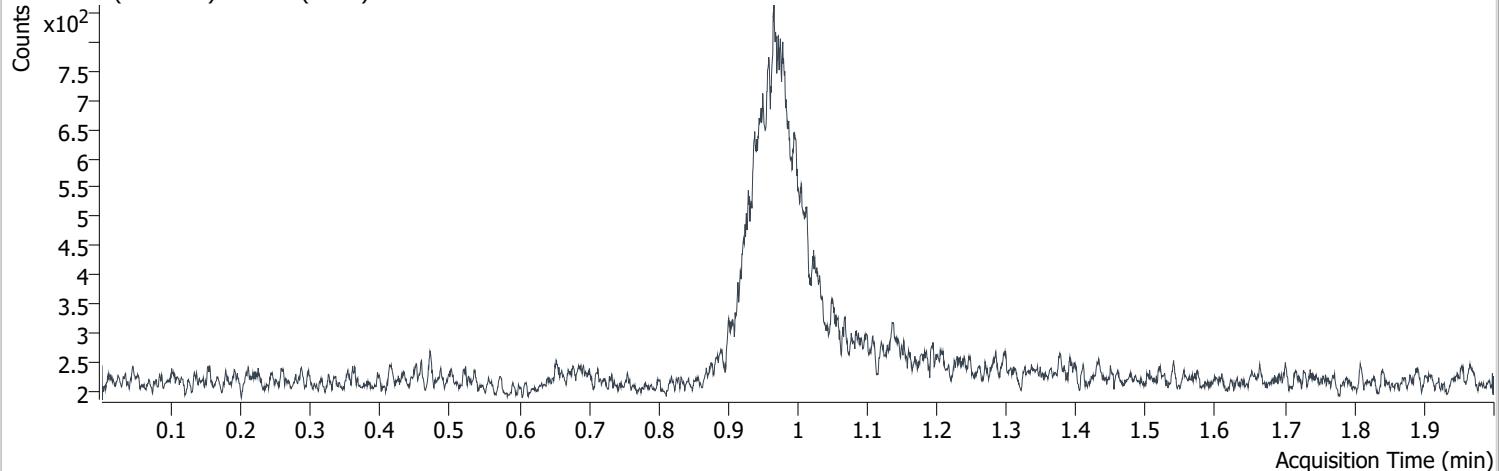
1

Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

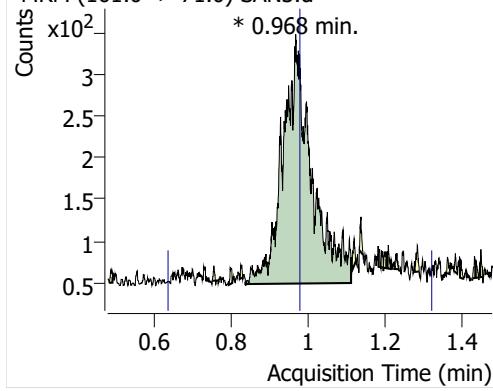
- TIC MRM (\*\* -> \*\*) SAN3.d (SAN3)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.968	1535	44.4700	µg/L

## Levoglucosan

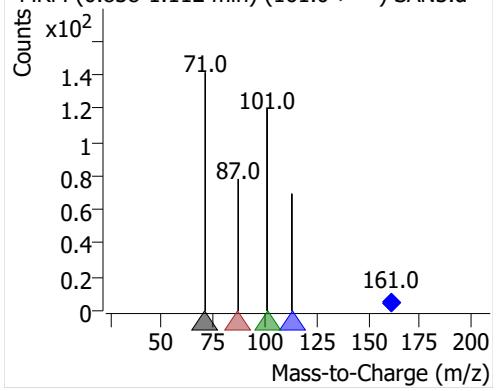
- MRM (161.0 -> 71.0) SAN3.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.1 (6.3 %)  
Ratio = 2.4 (22.5 %)  
Ratio = 3.6 (1966.7 %)

- MRM (0.838-1.112 min) (161.0->\*\*) SAN3.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:42 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:35 PM

**Data File**

SAN4.d

**Sample Type**

Sample

**Sample Name**

SAN4

**Dilution**

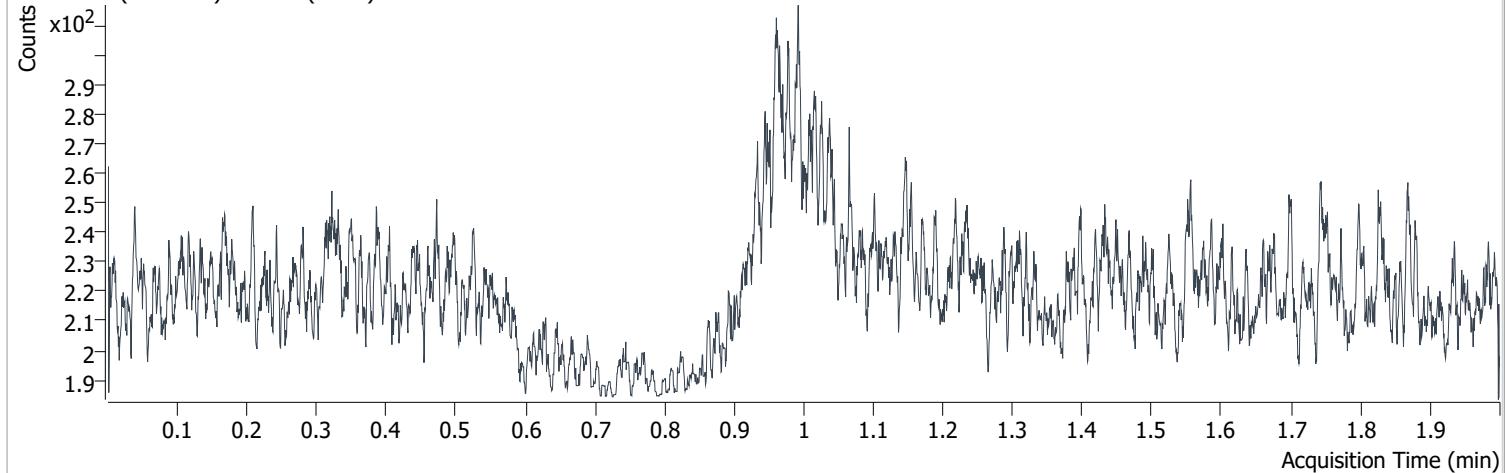
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

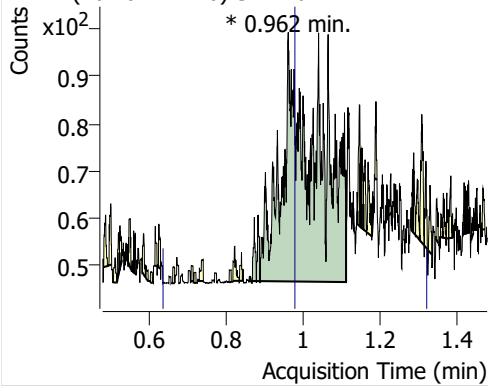
- TIC MRM (\*\* -> \*\*) SAN4.d (SAN4)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.962	334	18.3861	µg/L

**Levoglucosan**

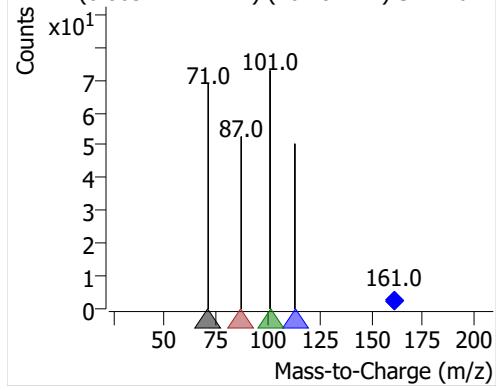
- MRM (161.0 -> 71.0) SAN4.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.6 (33.2 %)  
Ratio = 4.2 (39.9 %)  
Ratio = 0.2 (86.9 %)

- MRM (0.863-1.112 min) (161.0->\*\*) SAN4.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:42 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:38 PM

**Data File**

SAN5.d

**Sample Type**

Sample

**Sample Name**

SAN5

**Dilution**

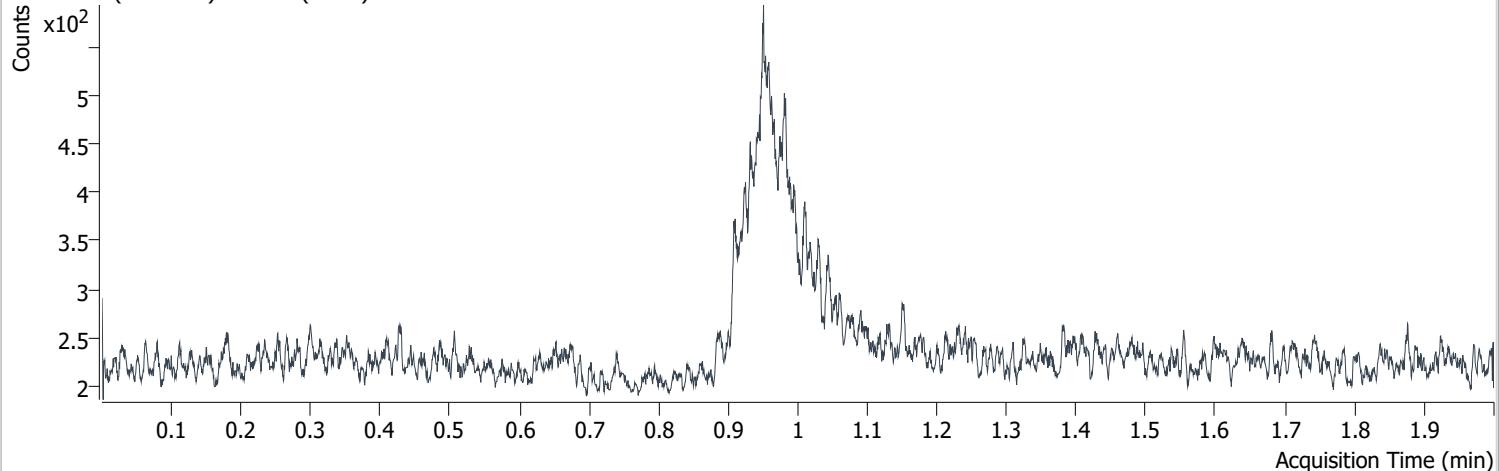
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

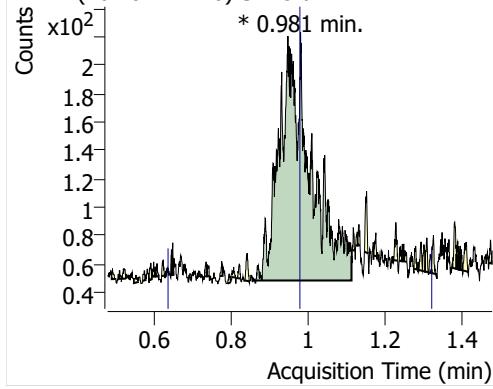
- TIC MRM (\*\* -> \*\*) SAN5.d (SAN5)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.981	963	32.0491	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) SAN5.d



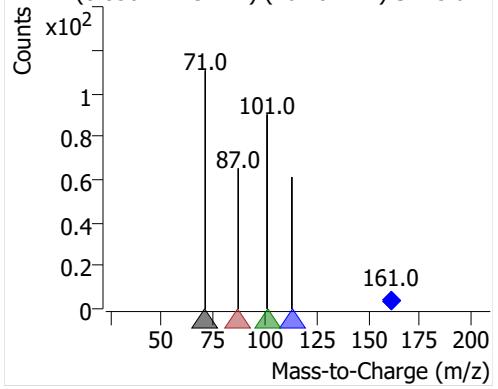
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.3 (17.2 %)

Ratio = 2.0 (18.7 %)

Ratio =

- MRM (0.856-1.113 min) (161.0->\*\*) SAN5.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:43 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:41 PM

**Data File**

SAN6.d

**Sample Type**

Sample

**Sample Name**

SAN6

**Dilution**

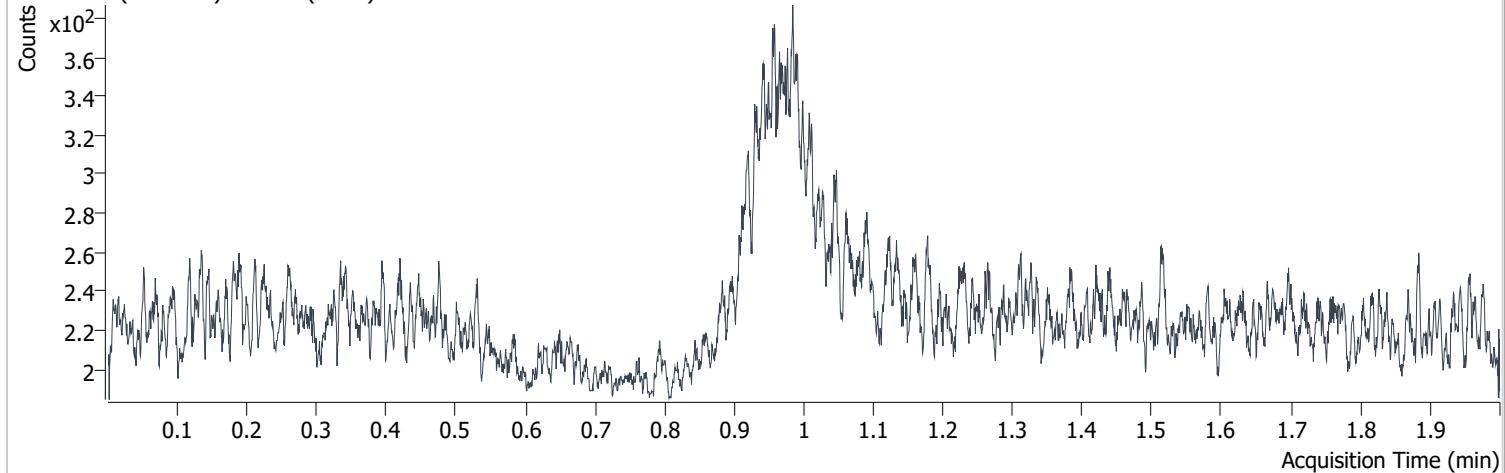
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

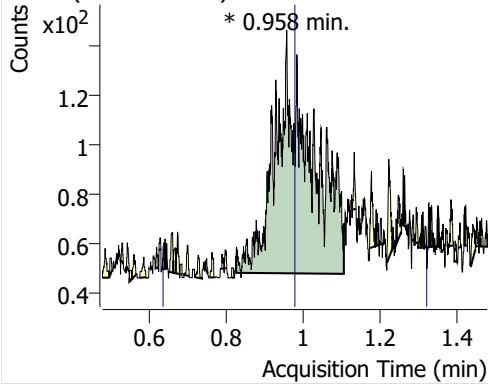
- TIC MRM (\*\* -> \*\*) SAN6.d (SAN6)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.958	617	24.5284	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) SAN6.d



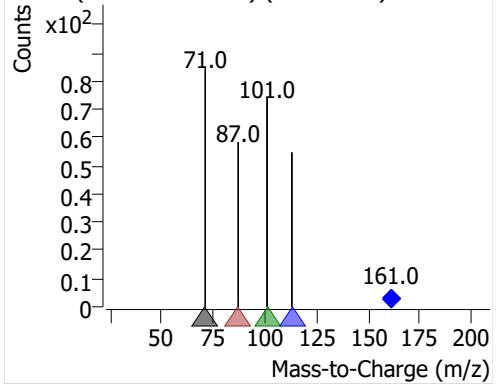
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.1 (8.7 %)

Ratio =

Ratio = 0.5 (276.3 %)

- MRM (0.827-1.106 min) (161.0->\*\*) SAN6.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:43 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:44 PM

**Data File**

SAN7.d

**Sample Type**

Sample

**Sample Name**

SAN7

**Dilution**

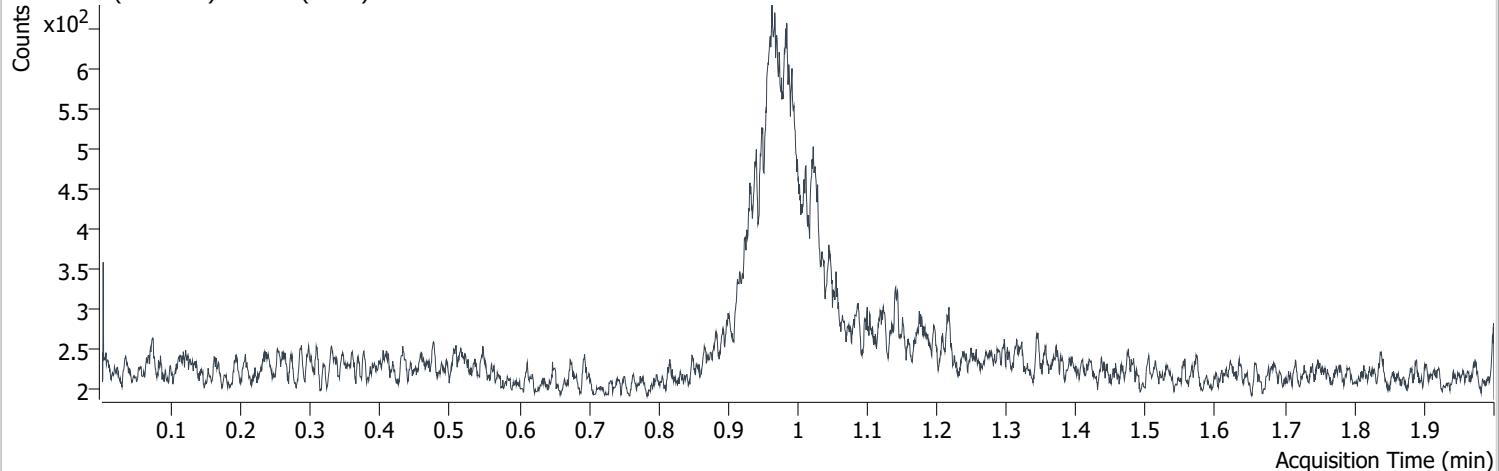
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

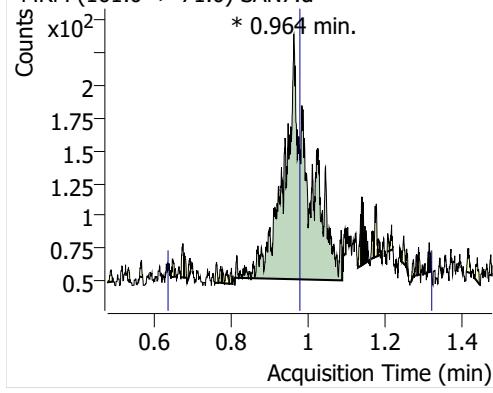
- TIC MRM (\*\* -> \*\*) SAN7.d (SAN7)



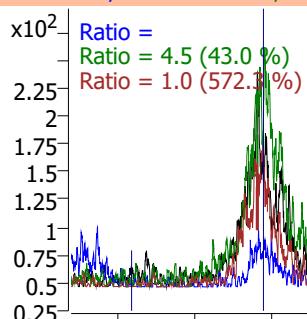
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.964	827	29.0928	µg/L

**Levoglucosan**

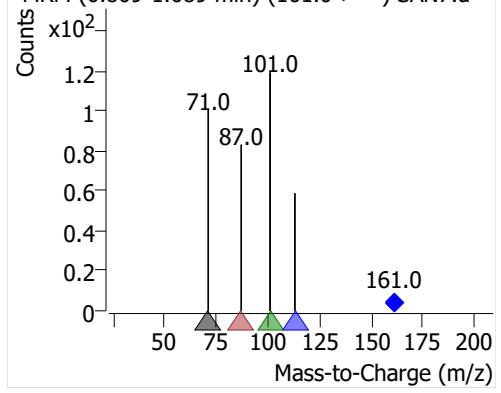
- MRM (161.0 -> 71.0) SAN7.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.809-1.089 min) (161.0->\*\*) SAN7.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:43 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:47 PM

**Data File**

SAN9.d

**Sample Type**

Sample

**Sample Name**

SAN9

**Dilution**

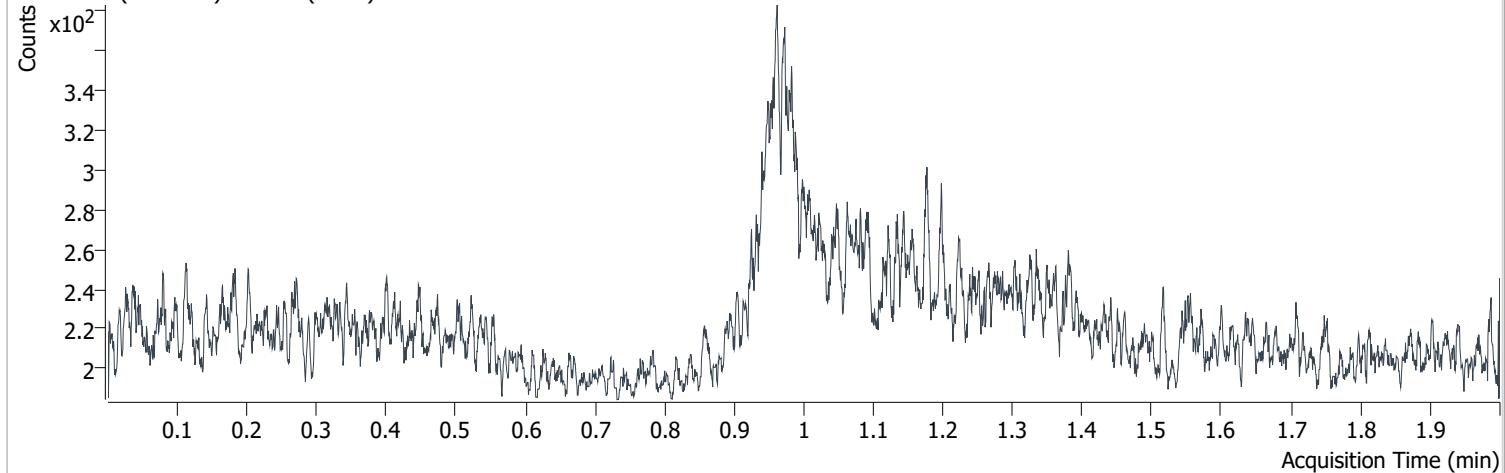
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

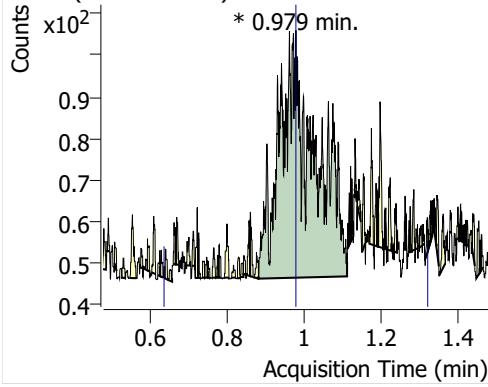
- TIC MRM (\*\* -> \*\*) SAN9.d (SAN9)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.979	377	19.3189	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) SAN9.d



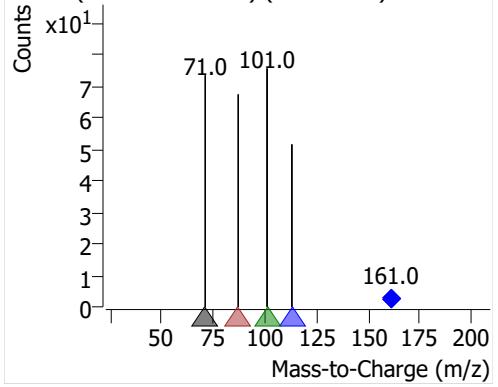
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 123.0

Ratio = 0.3 (15.9 %)

Ratio = 1.0 (9.9 %)

Ratio = 2.3 (123.7 %)

- MRM (0.882-1.112 min) (161.0->\*\*) SAN9.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:43 PM

Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

Batch State

Processed

## Quant Batch Version

10.1

Quant Report Version

10.1

## Acq. Time

6/5/2024 9:50 PM

Data File

SAN10.d

## Sample Type

Sample

Sample Name

SAN10

## Dilution

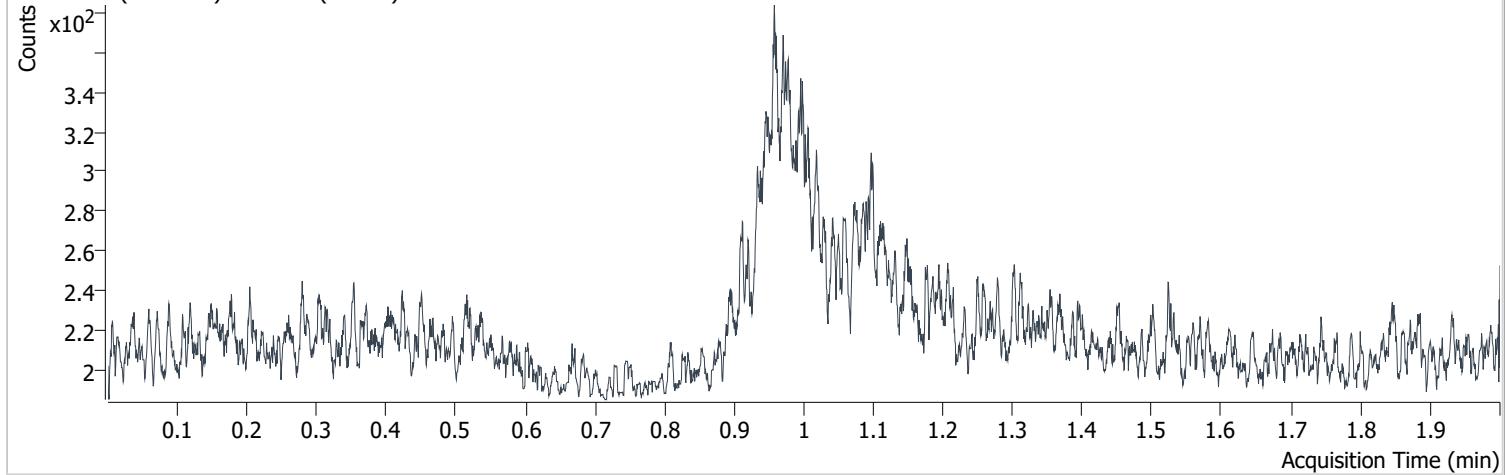
1

Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

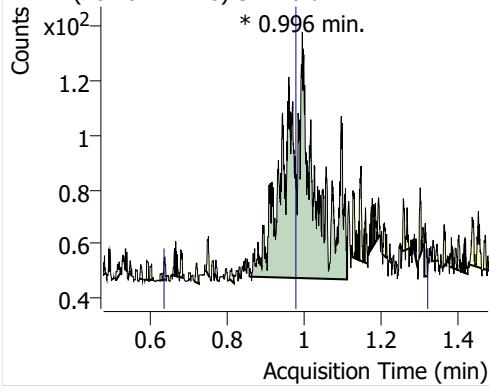
- TIC MRM (\*\* -> \*\*) SAN10.d (SAN10)



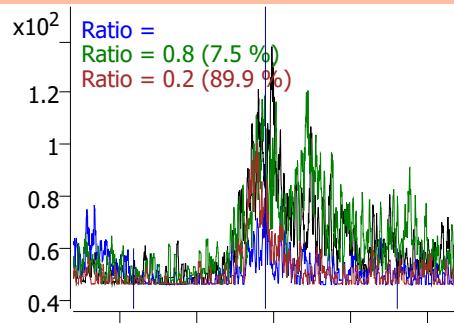
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.996	455	21.0231	$\mu\text{g/L}$

## Levoglucosan

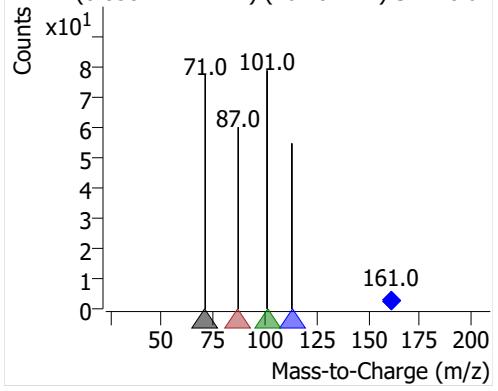
- MRM (161.0 -> 71.0) SAN10.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.858-1.112 min) (161.0->\*\*) SAN10.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:43 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:53 PM

**Data File**

SAN11.d

**Sample Type**

Sample

**Sample Name**

SAN11

**Dilution**

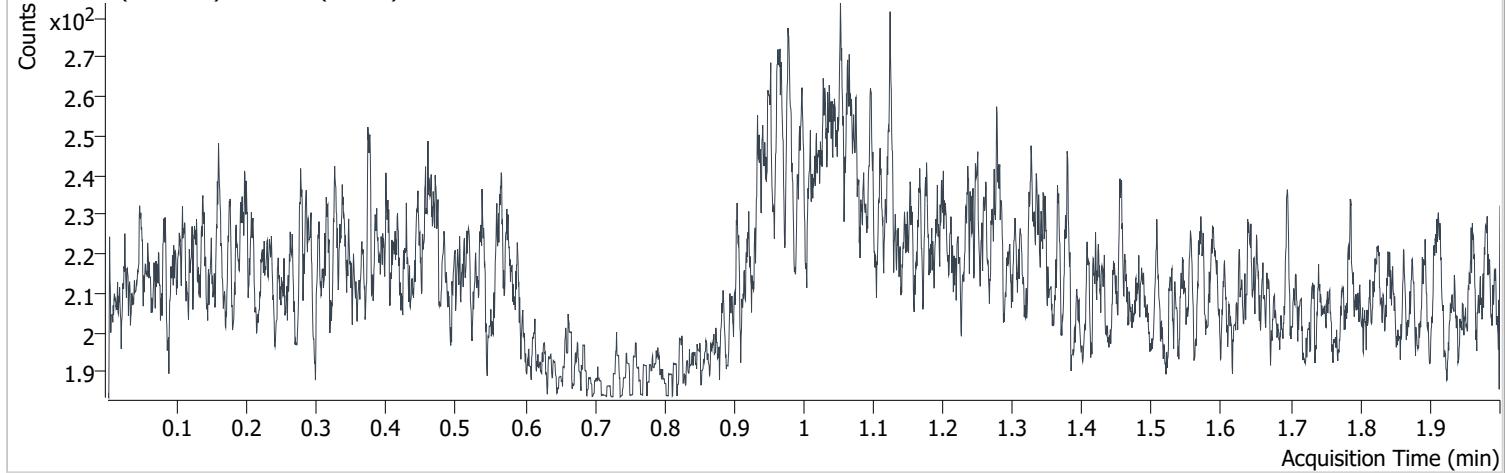
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

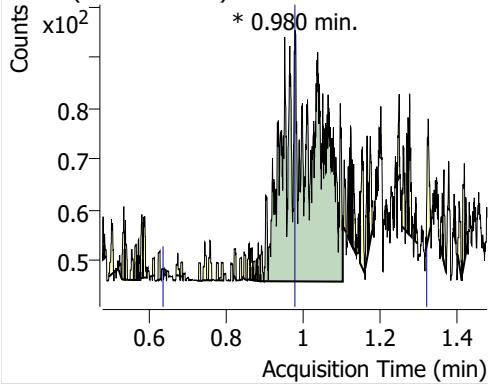
- TIC MRM (\*\* -> \*\*) SAN11.d (SAN11)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.980	297	17.5788	µg/L

**Levoglucosan**

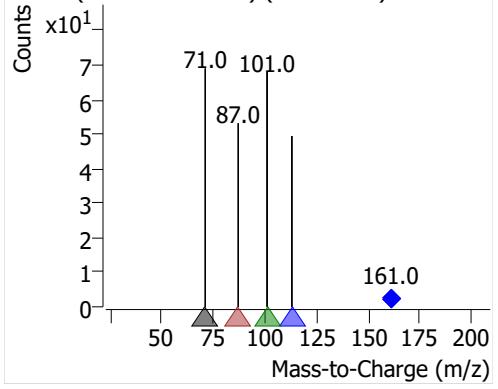
- MRM (161.0 -> 71.0) SAN11.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio =  
Ratio = 0.6 (5.9 %)  
Ratio = 1.2 (664.6 %)

- MRM (0.889-1.103 min) (161.0->\*\*) SAN11.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:43 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:56 PM

**Data File**

Blank17.d

**Sample Type**

Sample

**Sample Name**

Blank

**Dilution**

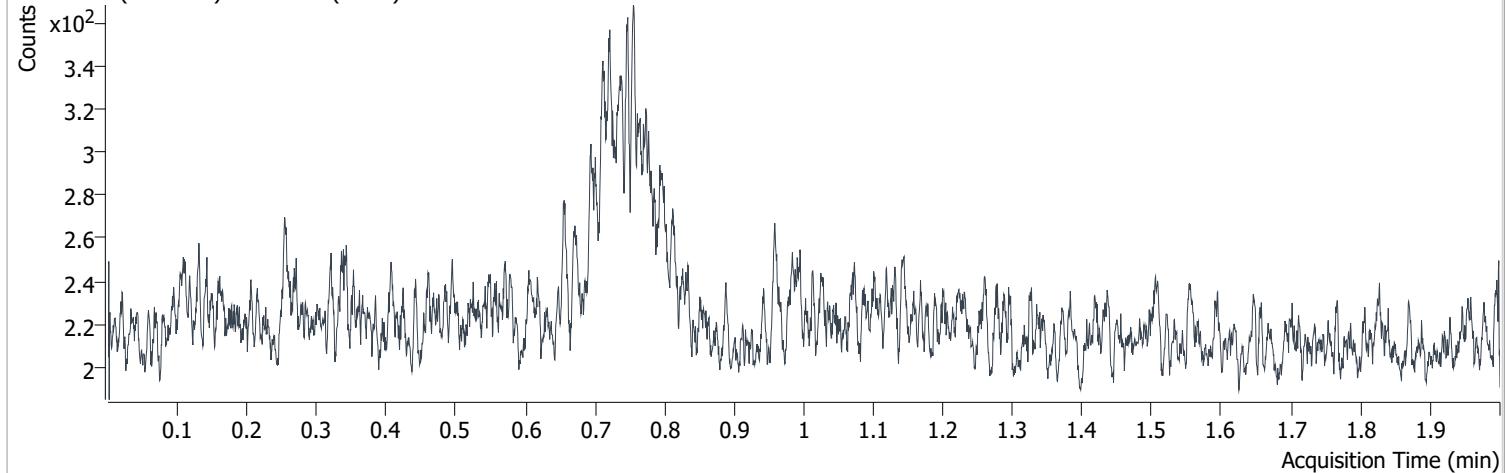
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

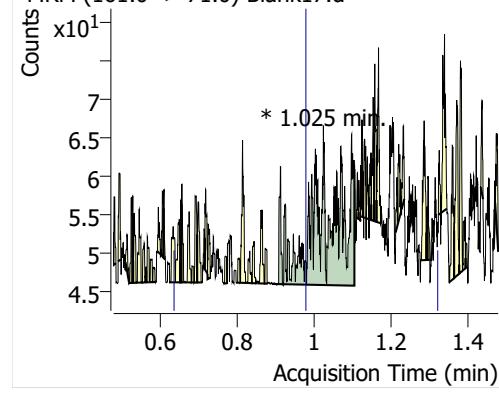
- TIC MRM (\*\* -> \*\*) Blank17.d (Blank)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.025	87	13.0202	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank17.d



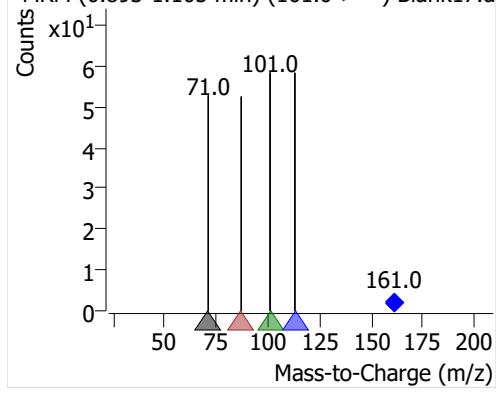
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 125.0

Ratio = 3.5 (205.6 %)

Ratio = 1.8 (17.2 %)

Ratio = 1.2 (10.0 %)

- MRM (0.893-1.105 min) (161.0->\*\*) Blank17.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:43 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 9:59 PM

**Data File**

CKSTD1-1ppb.d

**Sample Type**

Sample

**Sample Name**

CKSTD-1ppb

**Dilution**

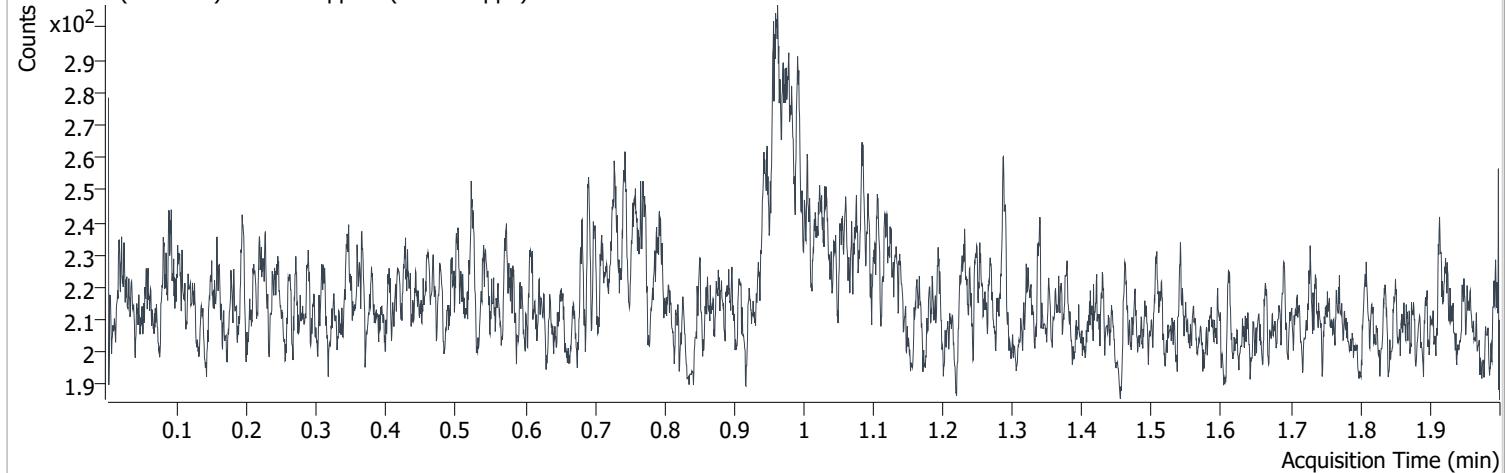
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

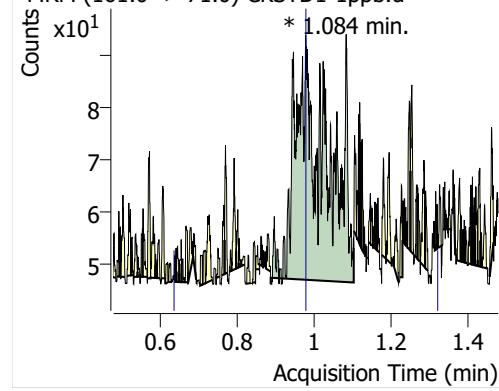
- TIC MRM (\*\* -> \*\*) CKSTD1-1ppb.d (CKSTD-1ppb)



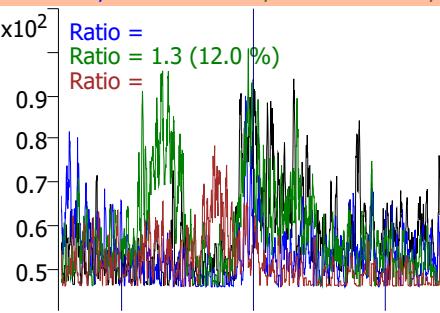
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.084	254	16.6558	µg/L

**Levoglucosan**

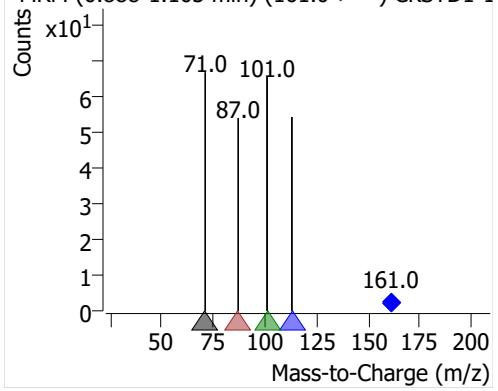
- MRM (161.0 -> 71.0) CKSTD1-1ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.888-1.103 min) (161.0->\*\*) CKSTD1-1ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:44 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:02 PM

**Data File**

Blank18.d

**Sample Type**

Sample

**Sample Name**

Blank

**Dilution**

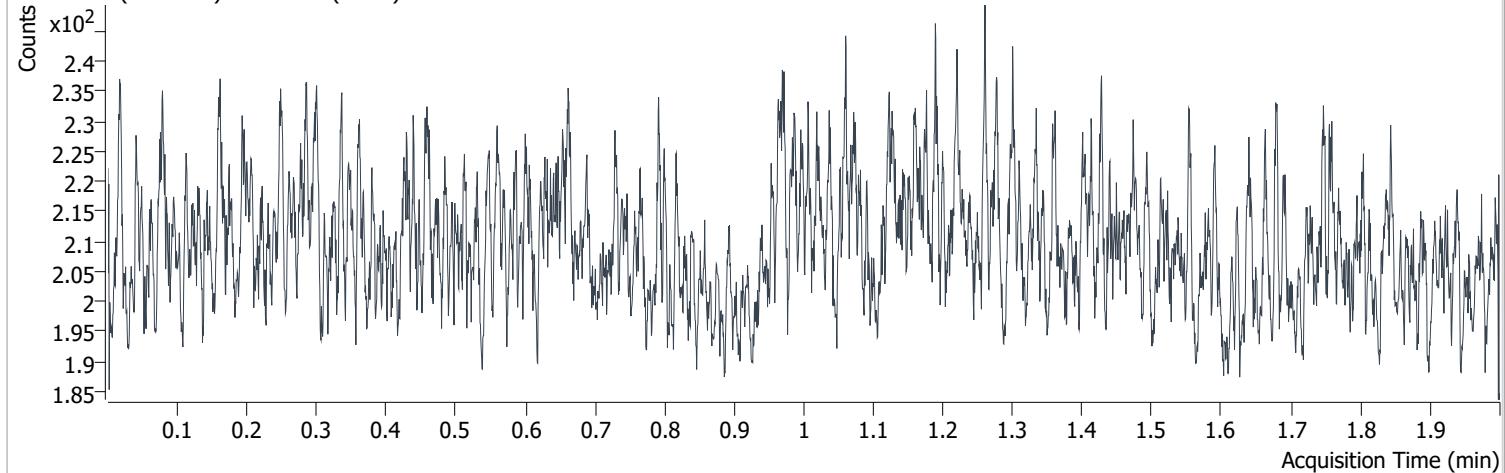
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

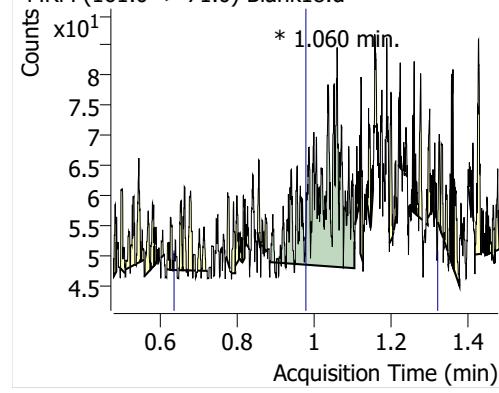
- TIC MRM (\*\* -> \*\*) Blank18.d (Blank)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.060	132	14.0043	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) Blank18.d



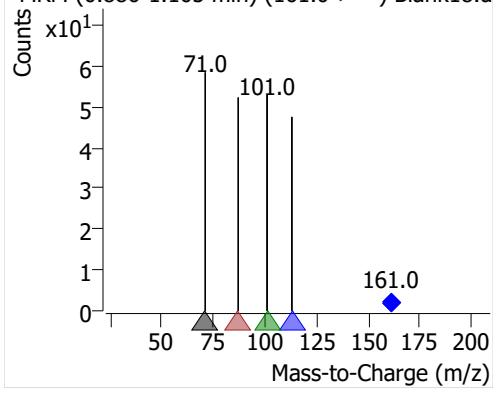
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 153.0

Ratio = 0.4 (23.0 %)

Ratio = 1.4 (13.5 %)

Ratio = 2.4 (1316.2 %)

- MRM (0.886-1.105 min) (161.0->\*\*) Blank18.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:44 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 10:05 PM

## Data File

SCT1.d

## Sample Type

Sample

## Sample Name

SCT1

## Dilution

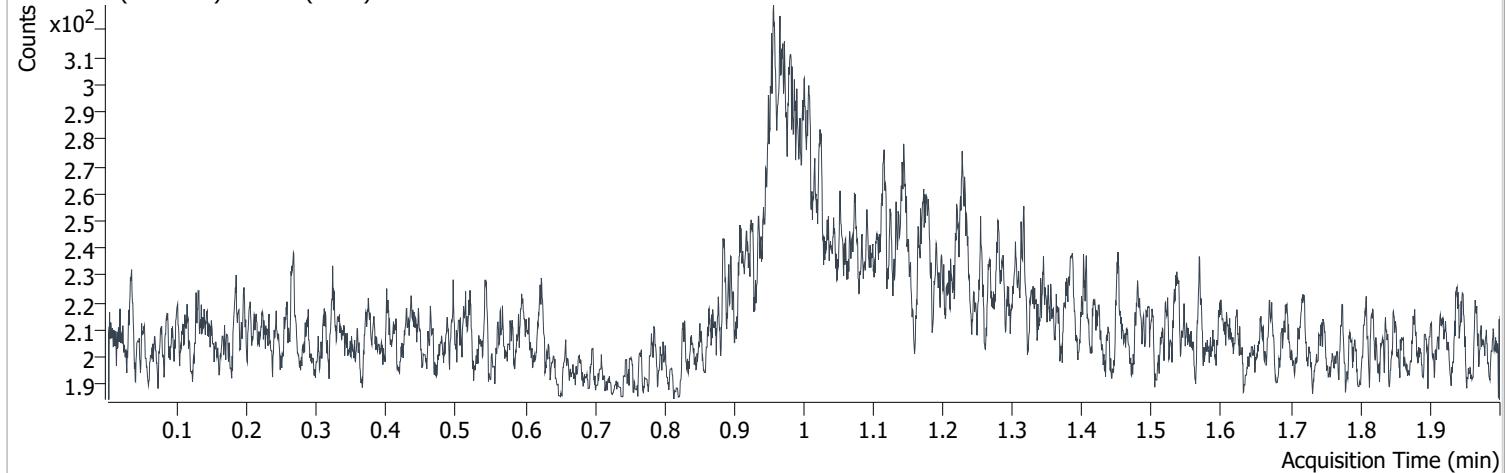
1

## Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

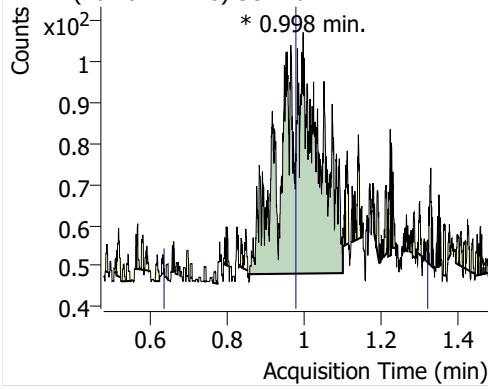
- TIC MRM (\*\* -> \*\*) SCT1.d (SCT1)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.998	388	19.5659	µg/L

## Levoglucosan

- MRM (161.0 -> 71.0) SCT1.d



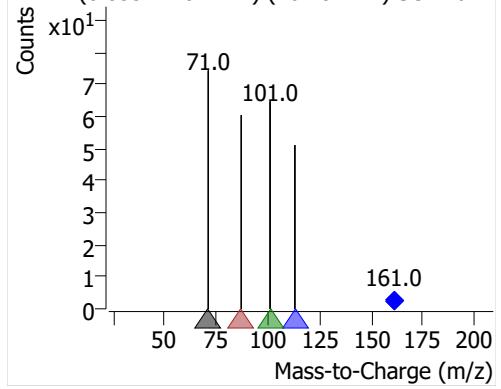
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 161.0

Ratio = 0.6 (35.2 %)

Ratio = 0.3 (3.2 %)

Ratio =

- MRM (0.855-1.101 min) (161.0->\*\*) SCT1.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:44 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:09 PM

**Data File**

SCT3.d

**Sample Type**

Sample

**Sample Name**

SCT3

**Dilution**

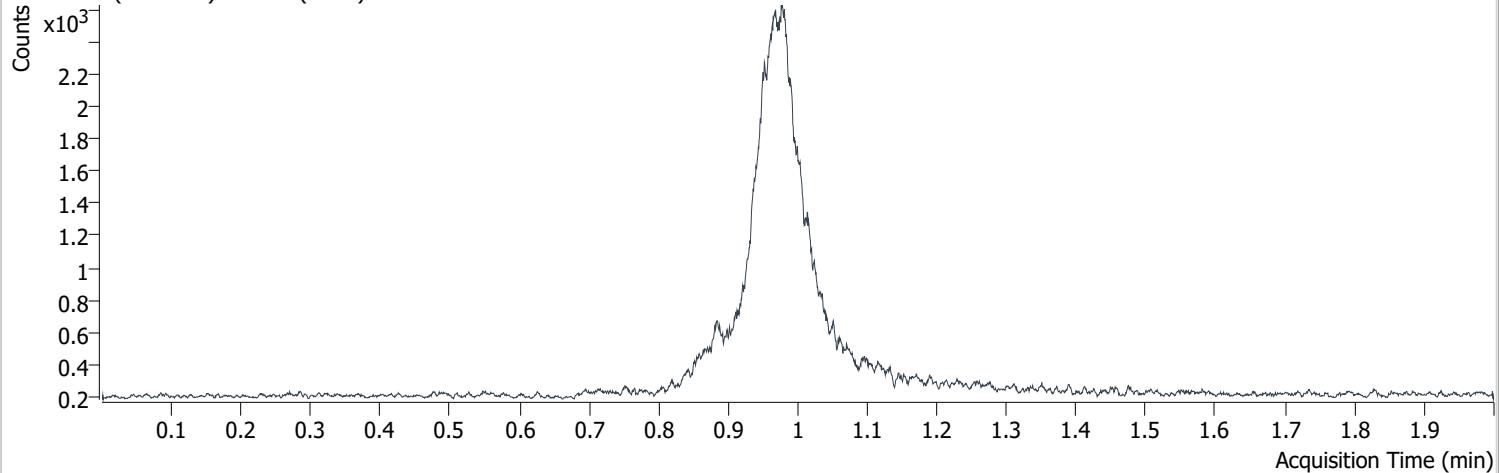
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

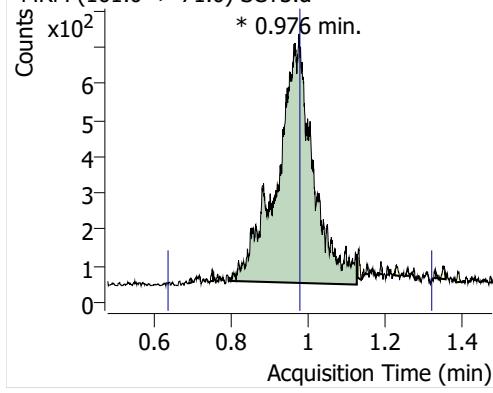
- TIC MRM (\*\* -> \*\*) SCT3.d (SCT3)



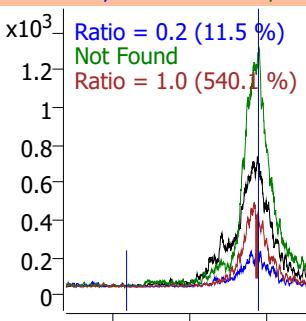
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.976	4378	106.2115	$\mu\text{g/L}$

**Levoglucosan**

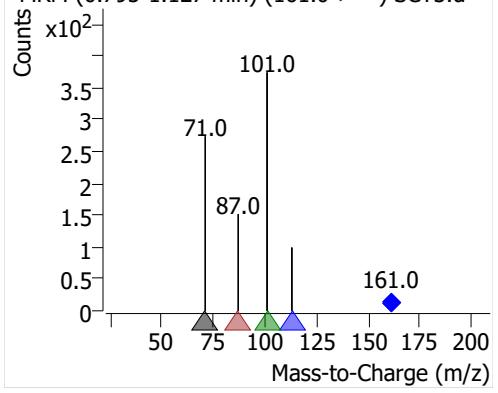
- MRM (161.0 -> 71.0) SCT3.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.795-1.127 min) (161.0->\*\*) SCT3.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:44 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 10:12 PM

## Data File

SCT4.d

## Sample Type

Sample

## Sample Name

SCT4

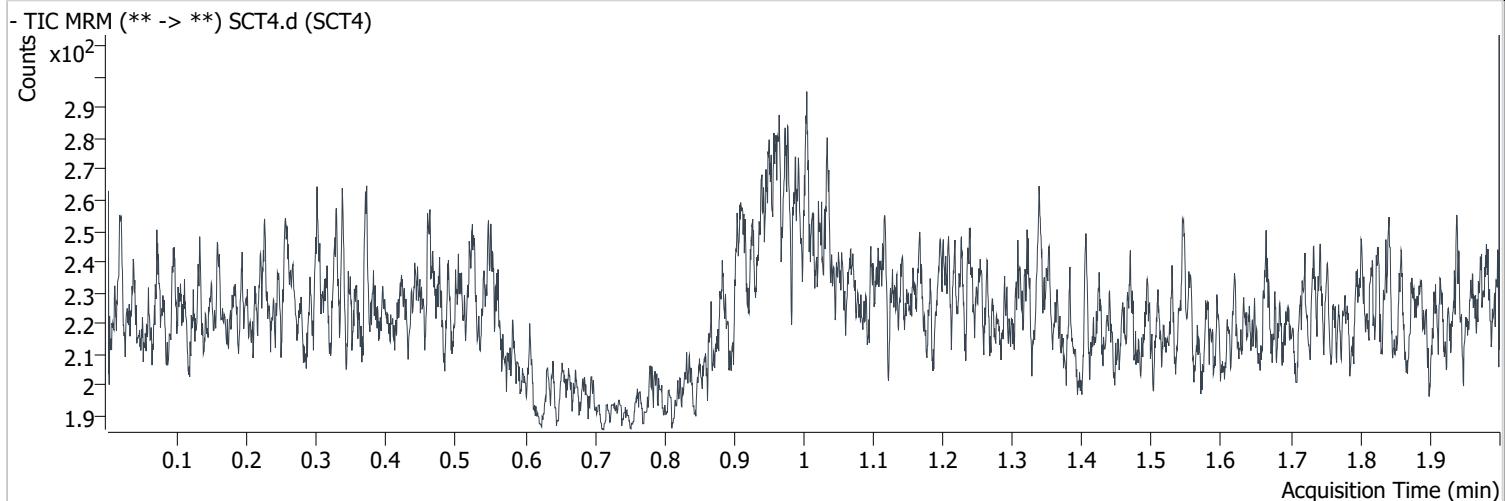
## Dilution

1

## Acq. Method

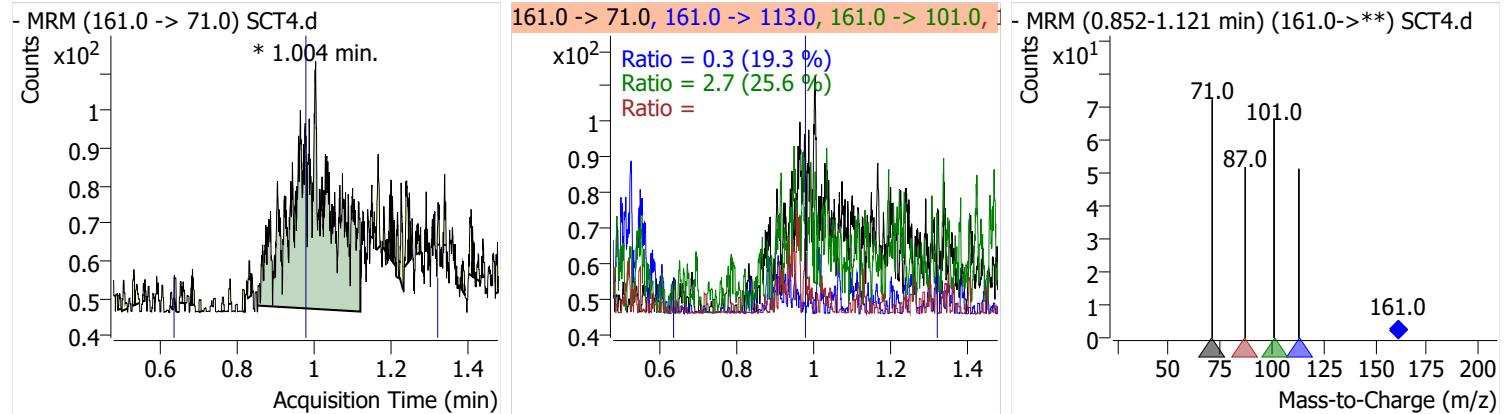
Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.004	400	19.8155	$\mu\text{g/L}$

## Levoglucosan



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:44 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:14 PM

**Data File**

SCT5.d

**Sample Type**

Sample

**Sample Name**

SCT5

**Dilution**

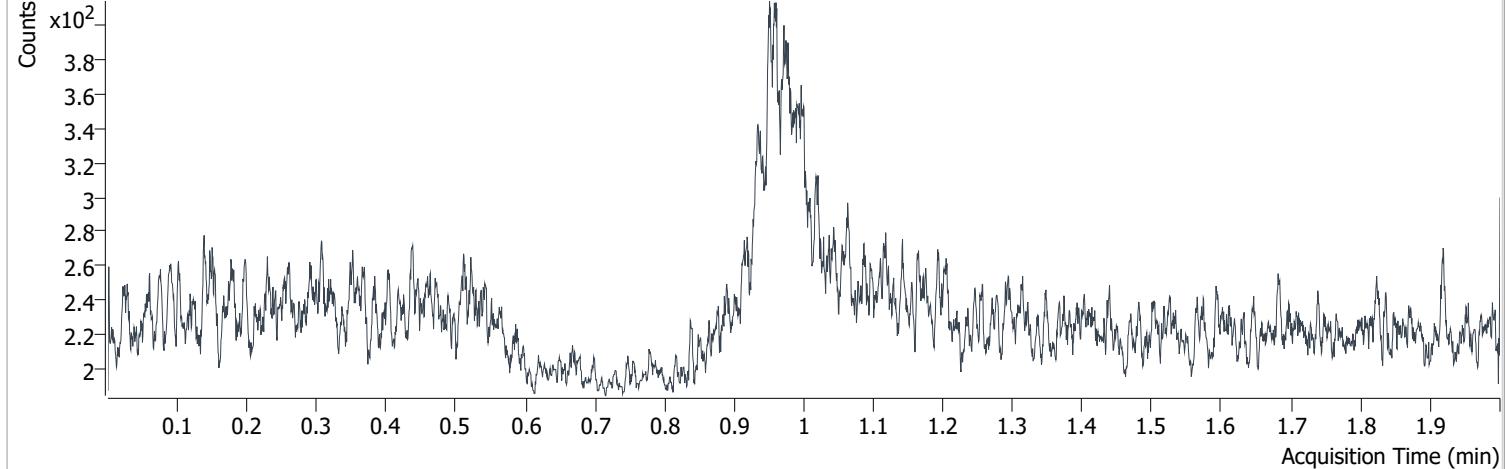
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

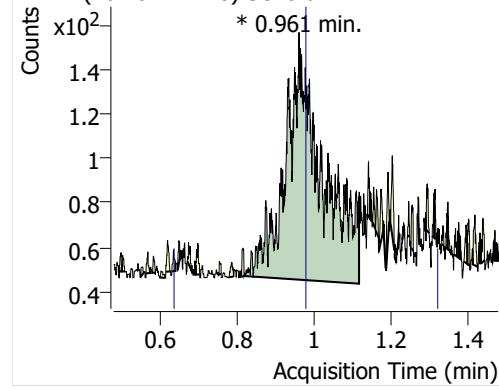
- TIC MRM (\*\* -> \*\*) SCT5.d (SCT5)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.961	718	26.7223	µg/L

**Levoglucosan**

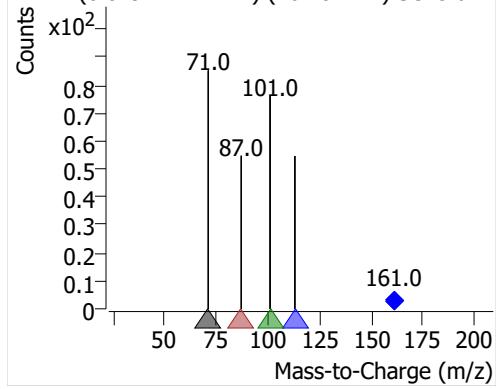
- MRM (161.0 -> 71.0) SCT5.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.7 (101.7 %)  
Ratio = 1.2 (11.3 %)  
Ratio = 0.1 (79.8 %)

- MRM (0.819-1.117 min) (161.0->\*\*) SCT5.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:44 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:17 PM

**Data File**

SCT6.d

**Sample Type**

Sample

**Sample Name**

SCT6

**Dilution**

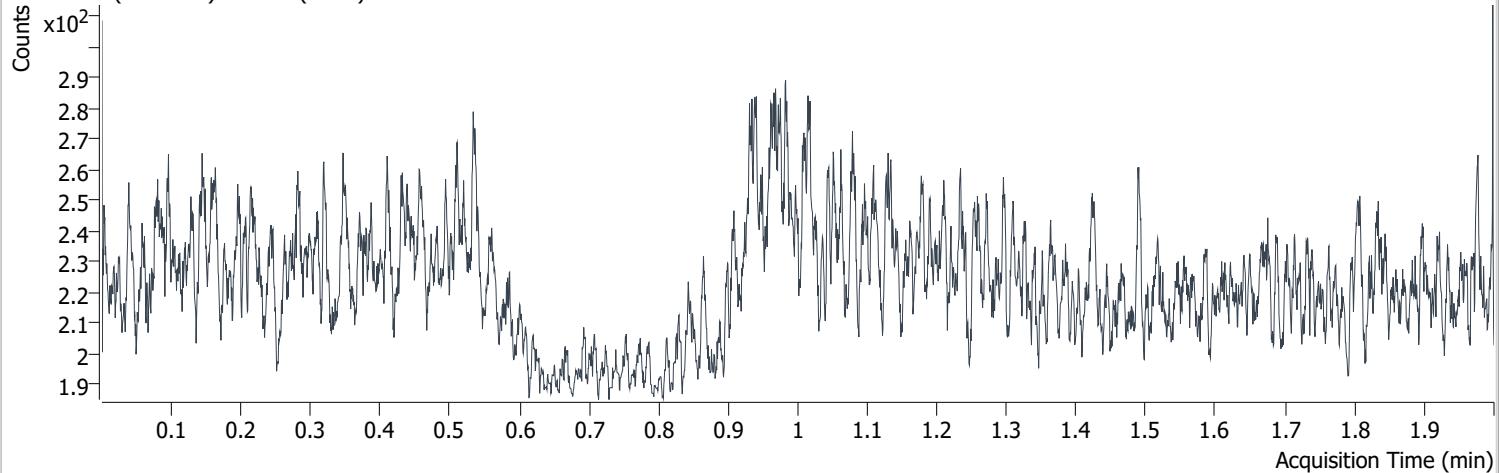
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

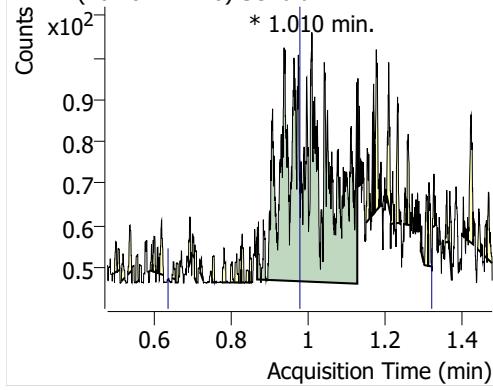
- TIC MRM (\*\* -> \*\*) SCT6.d (SCT6)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.010	386	19.5121	µg/L

**Levoglucosan**

- MRM (161.0 -> 71.0) SCT6.d



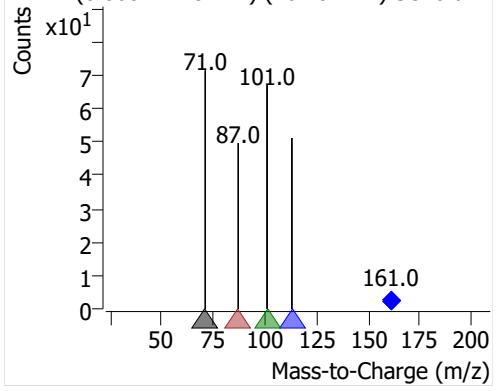
161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 0.4 (24.9 %)

Ratio = 3.5 (33.0 %)

Ratio = 0.4 (232.7 %)

- MRM (0.868-1.128 min) (161.0->\*\*) SCT6.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:45 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:20 PM

**Data File**

SCT7.d

**Sample Type**

Sample

**Sample Name**

SCT7

**Dilution**

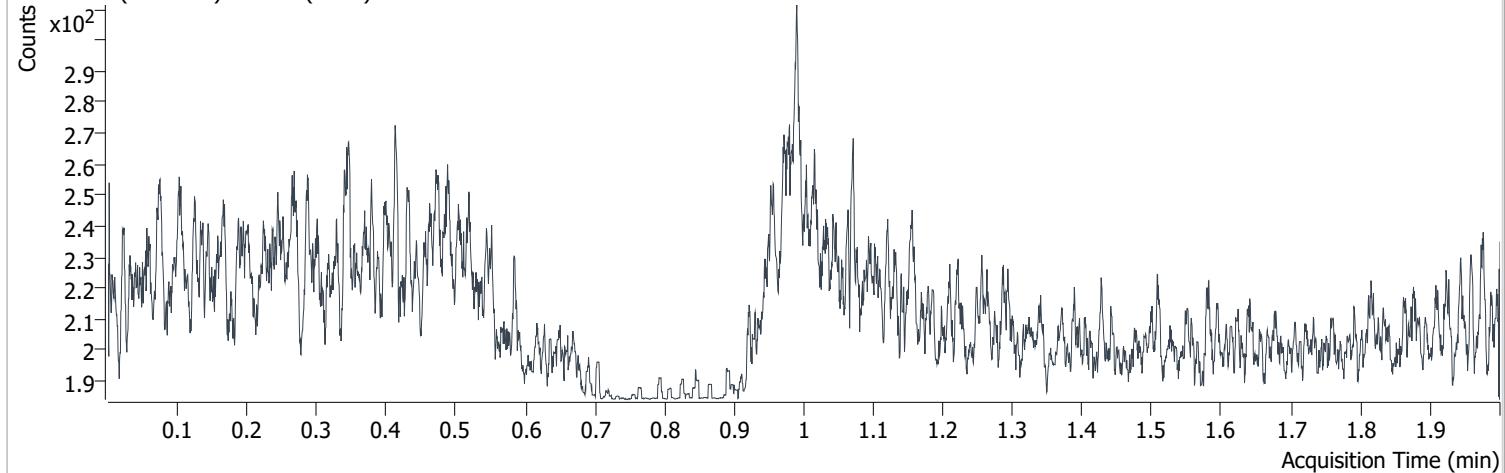
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

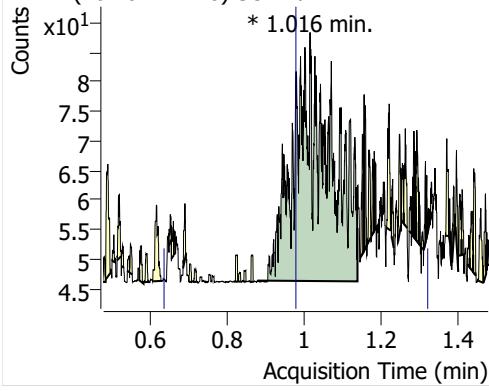
- TIC MRM (\*\* -> \*\*) SCT7.d (SCT7)



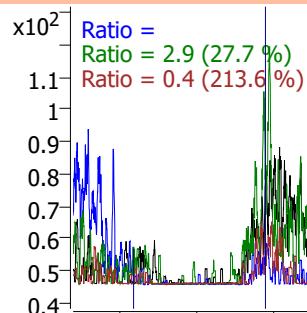
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.016	258	16.7339	$\mu\text{g/L}$

**Levoglucosan**

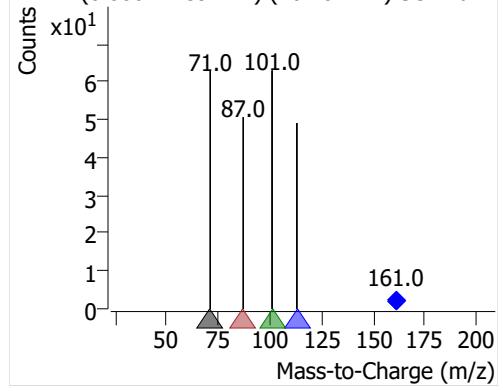
- MRM (161.0 -> 71.0) SCT7.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.880-1.139 min) (161.0->\*\*) SCT7.d



# Quantitative Analysis Complete Report

## Batch Path

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

## Analysis Time

6/20/2024 3:13 PM

## Analyst Name

WD65109\LC-MS

## Report Time

6/20/2024 3:15:45 PM

## Reporter Name

WD65109\LC-MS

## Last Calib Update

6/20/2024 2:40 PM

## Batch State

Processed

## Quant Batch Version

10.1

## Quant Report Version

10.1

## Acq. Time

6/5/2024 10:23 PM

## Data File

SCT8.d

## Sample Type

Sample

## Sample Name

SCT8

## Dilution

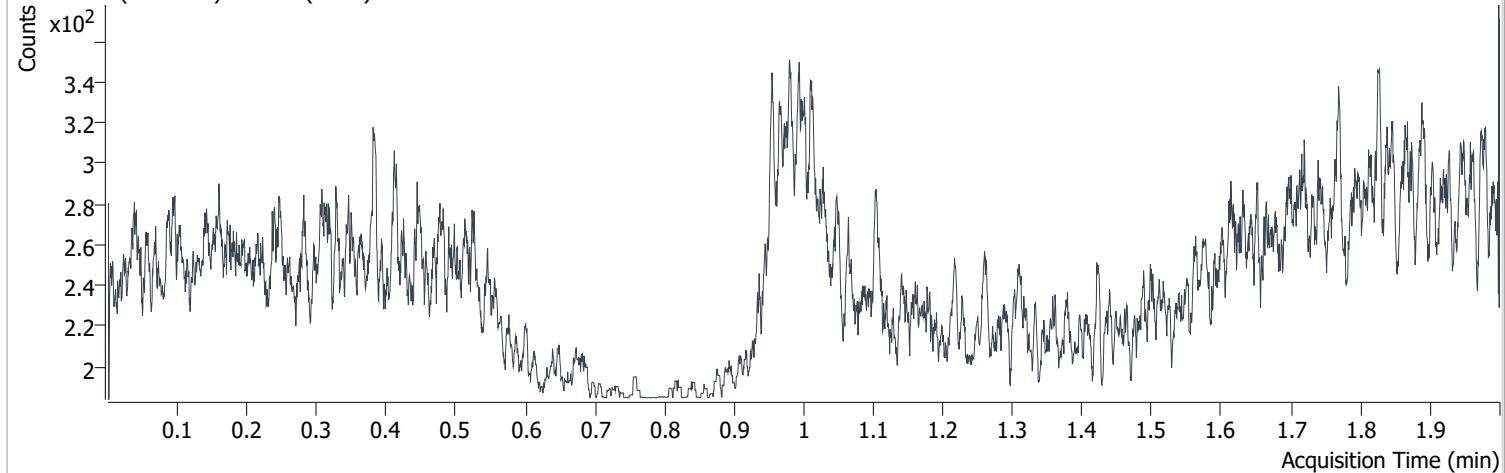
1

## Acq. Method

Levo\_Gambaro\_2008\_adjusted.m

## Sample Chromatogram

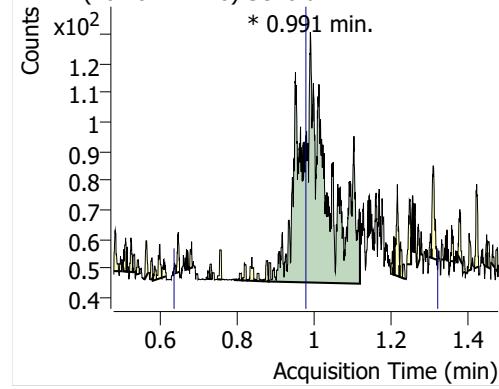
- TIC MRM (\*\* -> \*\*) SCT8.d (SCT8)



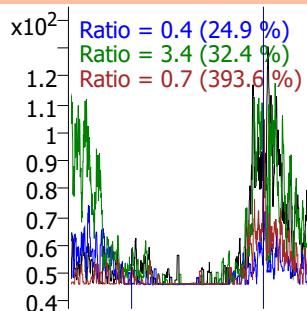
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.991	410	20.0488	µg/L

## Levoglucosan

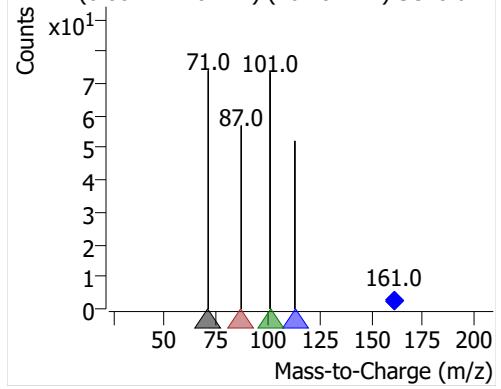
- MRM (161.0 -> 71.0) SCT8.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.882-1.120 min) (161.0->\*\*) SCT8.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:45 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:26 PM

**Data File**

SCT9.d

**Sample Type**

Sample

**Sample Name**

SCT9

**Dilution**

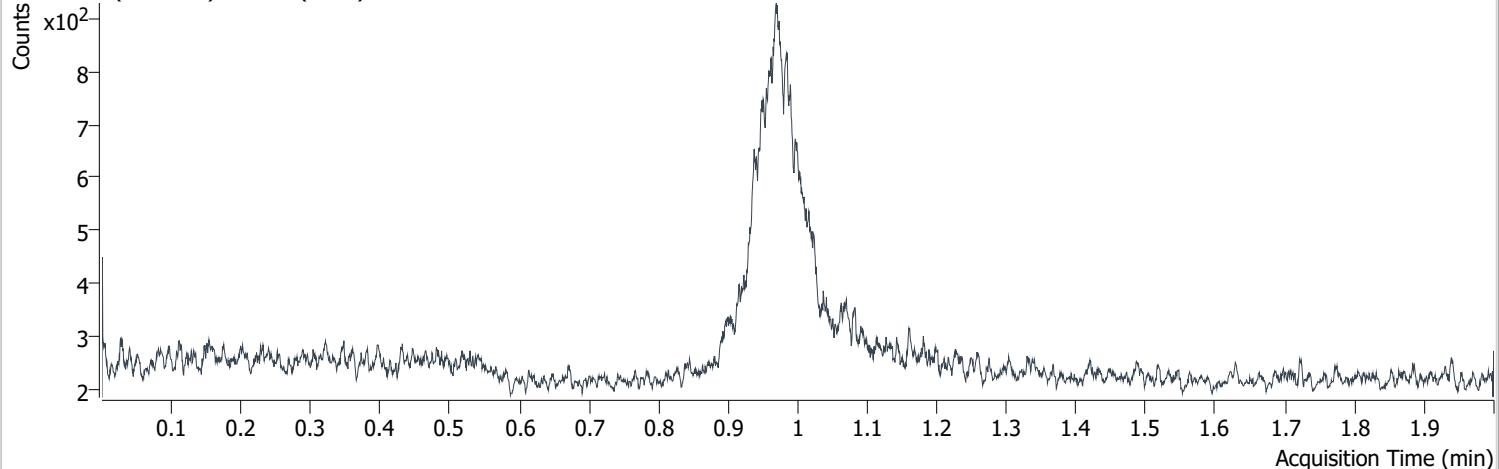
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

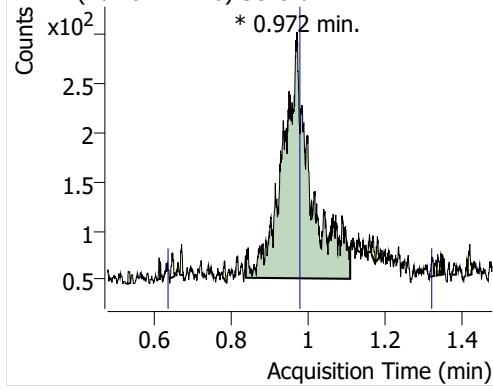
- TIC MRM (\*\* -> \*\*) SCT9.d (SCT9)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.972	1238	38.0312	µg/L

**Levoglucosan**

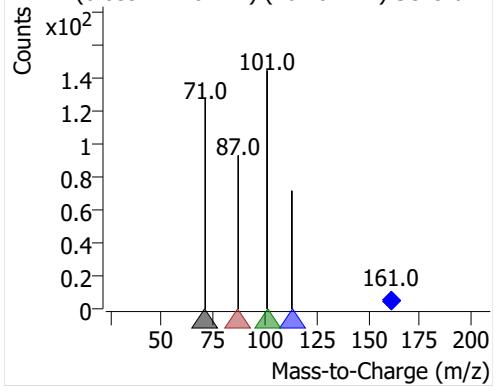
- MRM (161.0 -> 71.0) SCT9.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

Ratio = 1.9 (109.7 %)  
Ratio = 0.2 (1.8 %)  
Ratio = 1.7 (910.5 %)

- MRM (0.839-1.110 min) (161.0->\*\*) SCT9.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:45 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:29 PM

**Data File**

SCT10.d

**Sample Type**

Sample

**Sample Name**

SCT10

**Dilution**

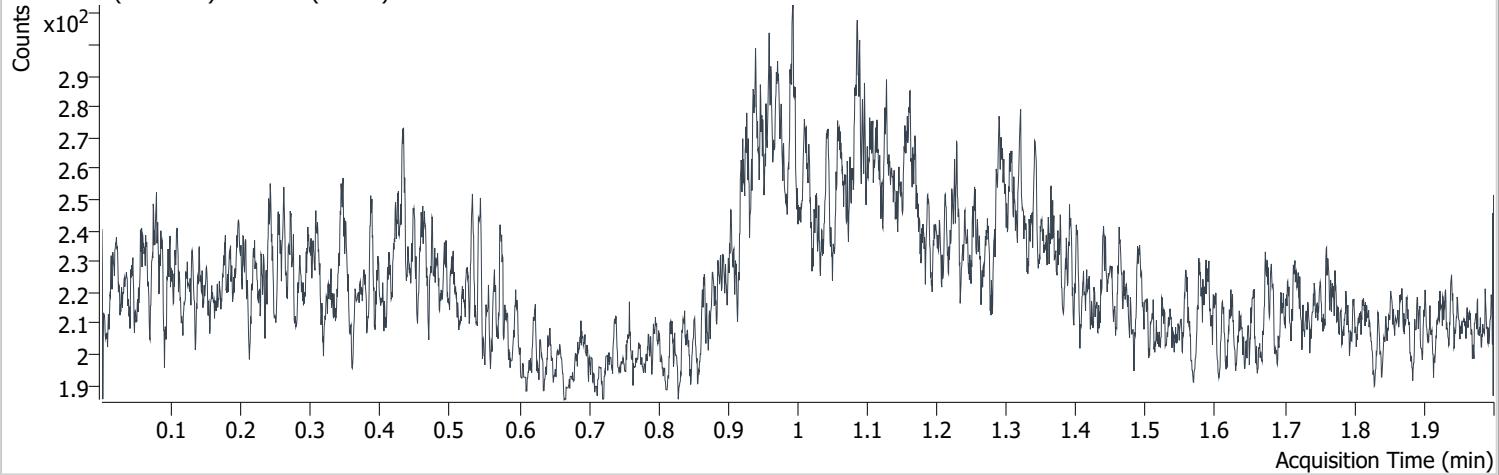
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

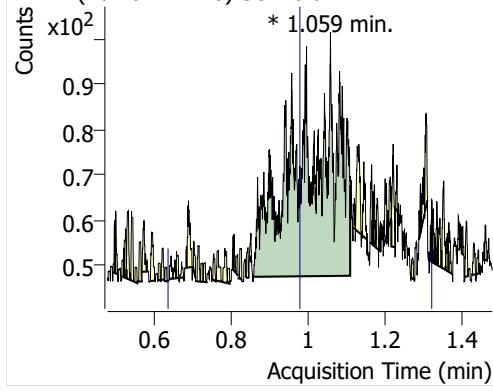
- TIC MRM (\*\* -> \*\*) SCT10.d (SCT10)



Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.059	337	18.4631	$\mu\text{g/L}$

**Levoglucosan**

- MRM (161.0 -> 71.0) SCT10.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0

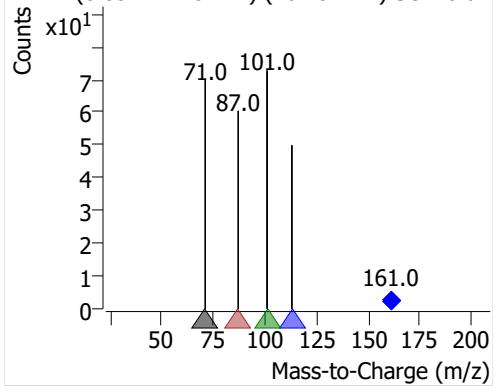
Ratio = 0.4 (22.6 %)

Ratio =

Ratio = 1.2 (657.5 %)

Ratio =

- MRM (0.857-1.110 min) (161.0->\*\*) SCT10.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:45 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:32 PM

**Data File**

SCT11.d

**Sample Type**

Sample

**Sample Name**

SCT11

**Dilution**

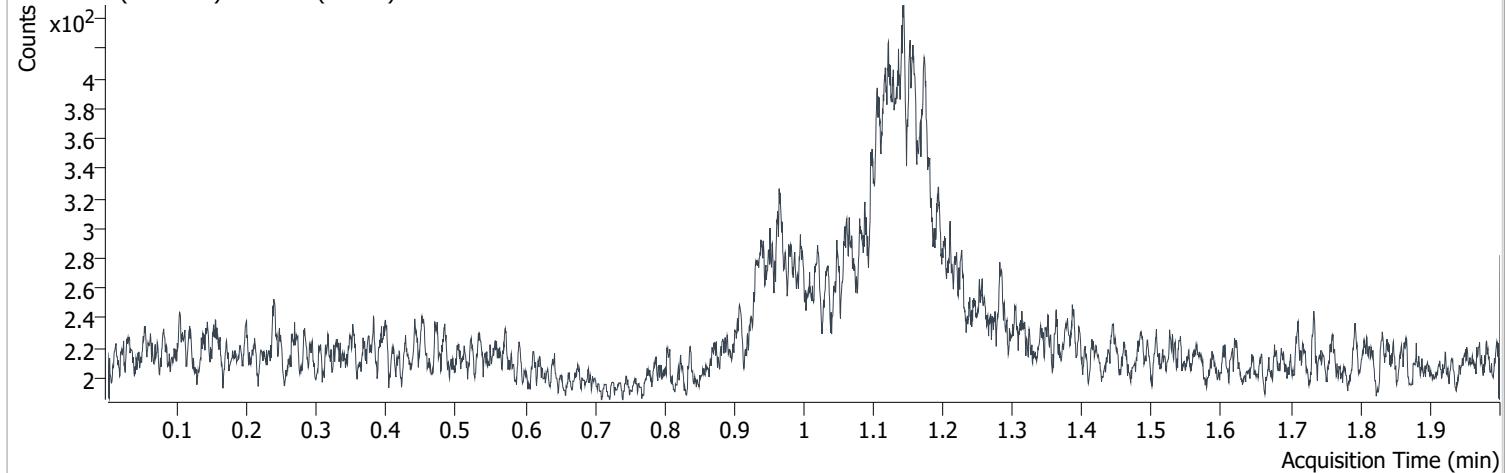
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

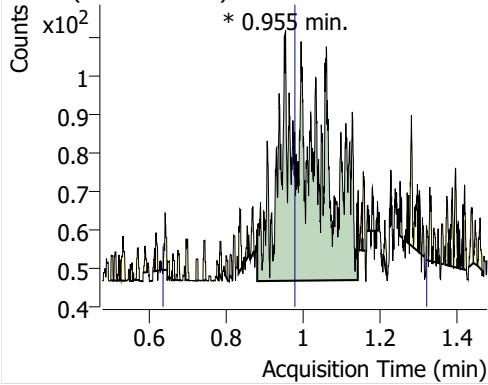
- TIC MRM (\*\* -> \*\*) SCT11.d (SCT11)



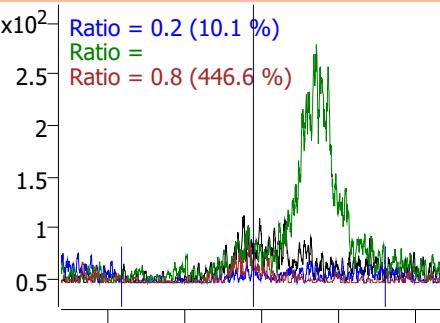
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	0.955	435	20.5808	µg/L

**Levoglucosan**

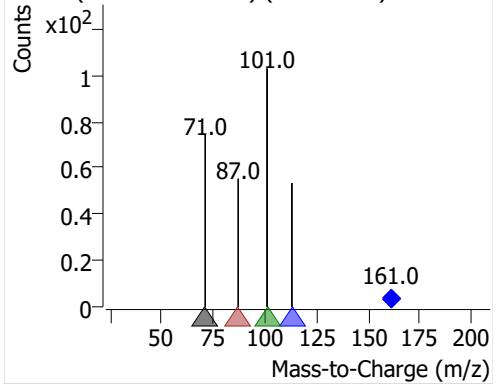
- MRM (161.0 -> 71.0) SCT11.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 87.0



- MRM (0.881-1.143 min) (161.0->\*\*) SCT11.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:45 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:35 PM

**Data File**

Blank19.d

**Sample Type**

Sample

**Sample Name**

Blank

**Dilution**

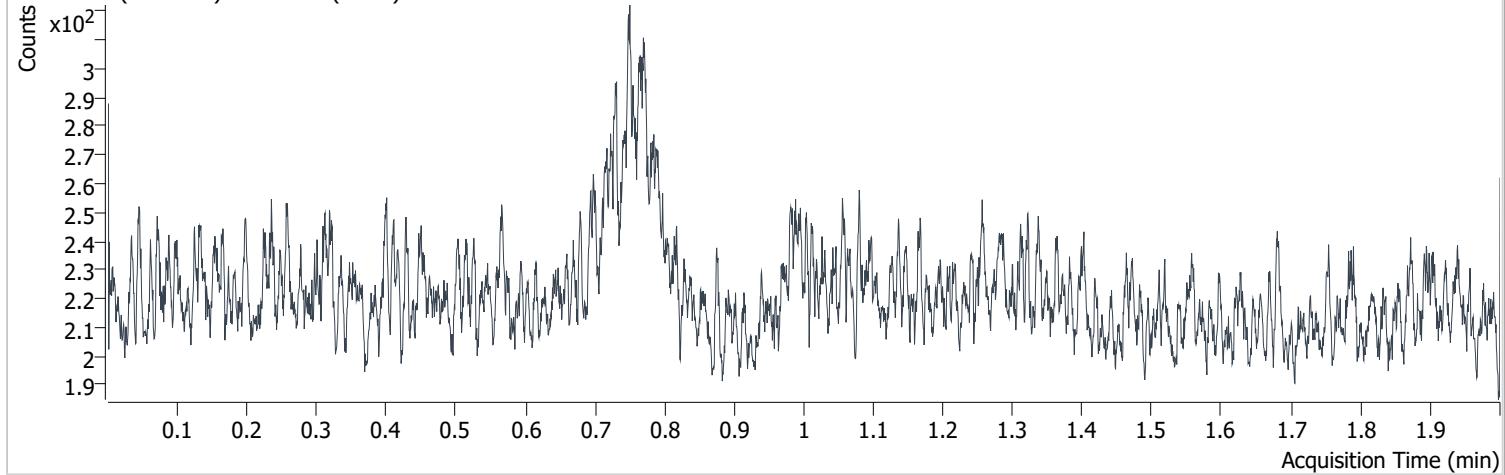
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

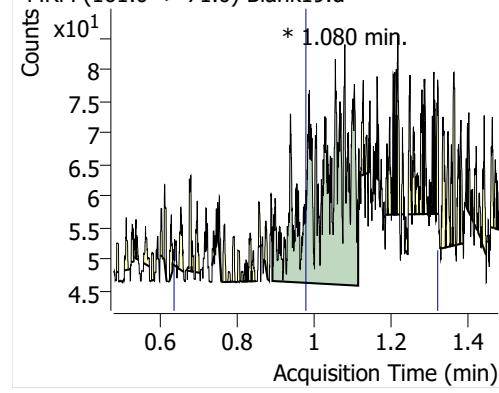
- TIC MRM (\*\* -> \*\*) Blank19.d (Blank)



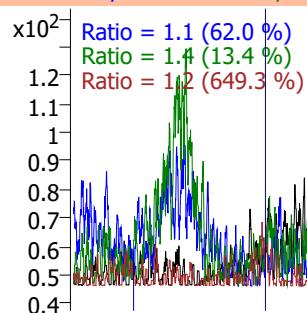
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.080	195	15.3788	$\mu\text{g/L}$

**Levoglucosan**

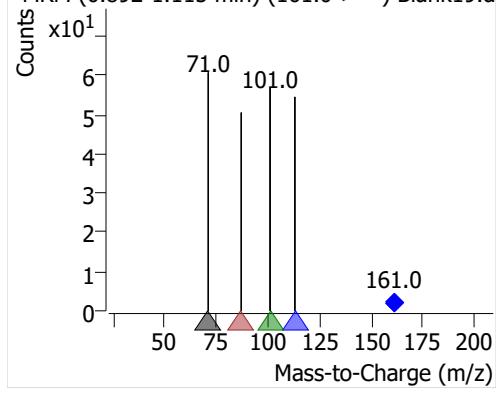
- MRM (161.0 -> 71.0) Blank19.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 121.0



- MRM (0.892-1.115 min) (161.0->\*\*) Blank19.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:46 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:39 PM

**Data File**

CKSTD-0.5ppb.d

**Sample Type**

Sample

**Sample Name**

CKSTD-0.5ppb

**Dilution**

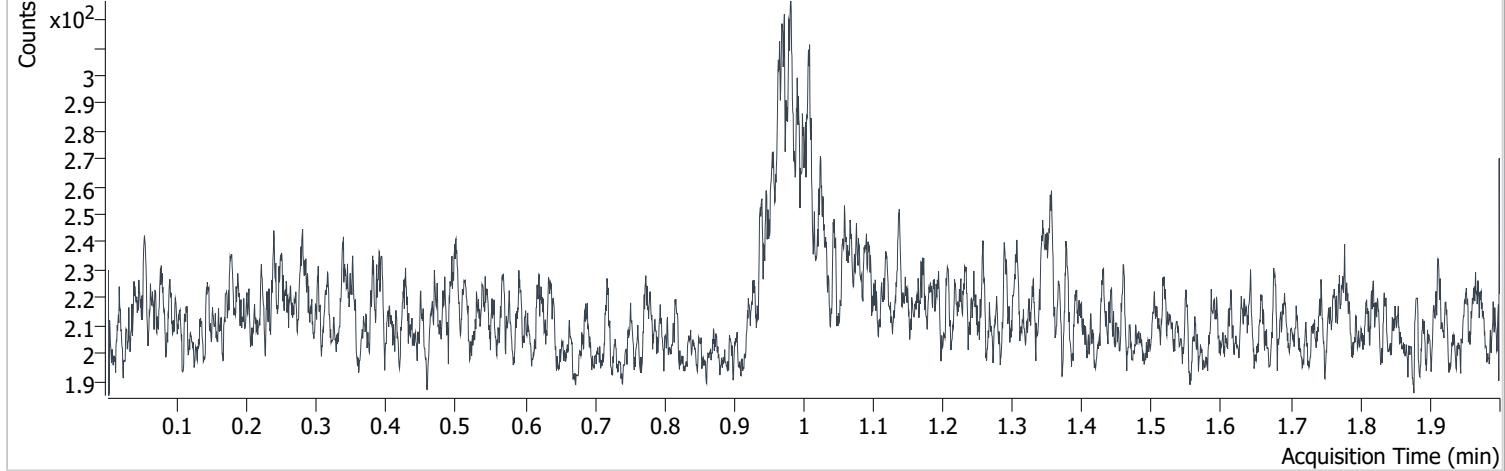
1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**

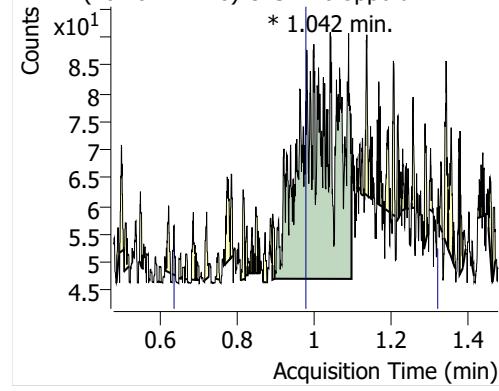
- TIC MRM (\*\* -> \*\*) CKSTD-0.5ppb.d (CKSTD-0.5ppb)



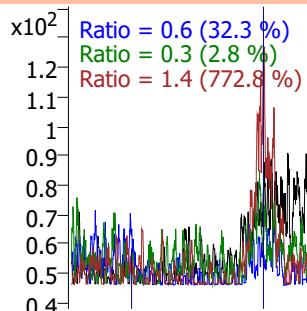
Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.042	263	16.8589	µg/L

**Levoglucosan**

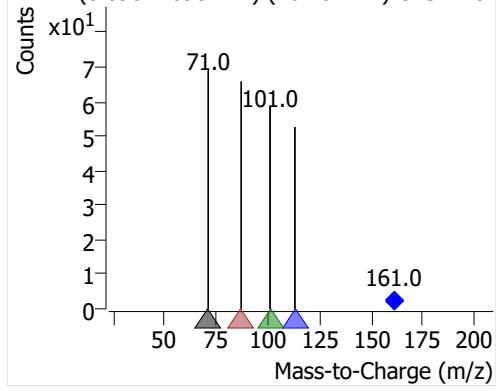
- MRM (161.0 -> 71.0) CKSTD-0.5ppb.d



161.0 -> 71.0, 161.0 -> 113.0, 161.0 -> 101.0, 161.0 -> 75.0



- MRM (0.898-1.098 min) (161.0->\*\*) CKSTD-0.5ppb.d



# Quantitative Analysis Complete Report

**Batch Path**

D:\MassHunter\Data\240606 Anhydrosugars Coastal Samples\QuantResults\240606\_Coastal\_Levo.batch.bin

**Analysis Time**

6/20/2024 3:13 PM

**Analyst Name**

WD65109\LC-MS

**Report Time**

6/20/2024 3:15:46 PM

**Reporter Name**

WD65109\LC-MS

**Last Calib Update**

6/20/2024 2:40 PM

**Batch State**

Processed

**Quant Batch Version**

10.1

**Quant Report Version**

10.1

**Acq. Time**

6/5/2024 10:42 PM

**Data File**

Blank20.d

**Sample Type**

Sample

**Sample Name**

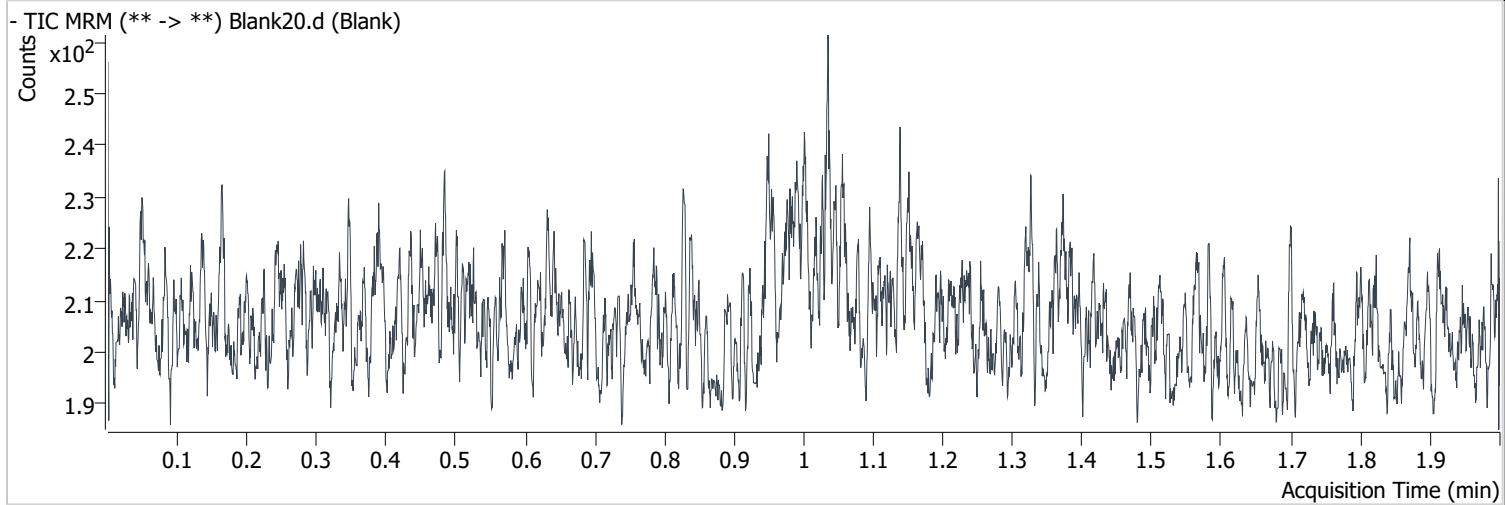
Blank

**Dilution**

1

**Acq. Method**

Levo\_Gambaro\_2008\_adjusted.m

**Sample Chromatogram**


Compound	Transition	RT	Resp.	Final Conc	Units
Levoglucosan	161.0 -> 71.0	1.035	219	15.8852	$\mu\text{g/L}$

**Levoglucosan**
