

# REVIEWED

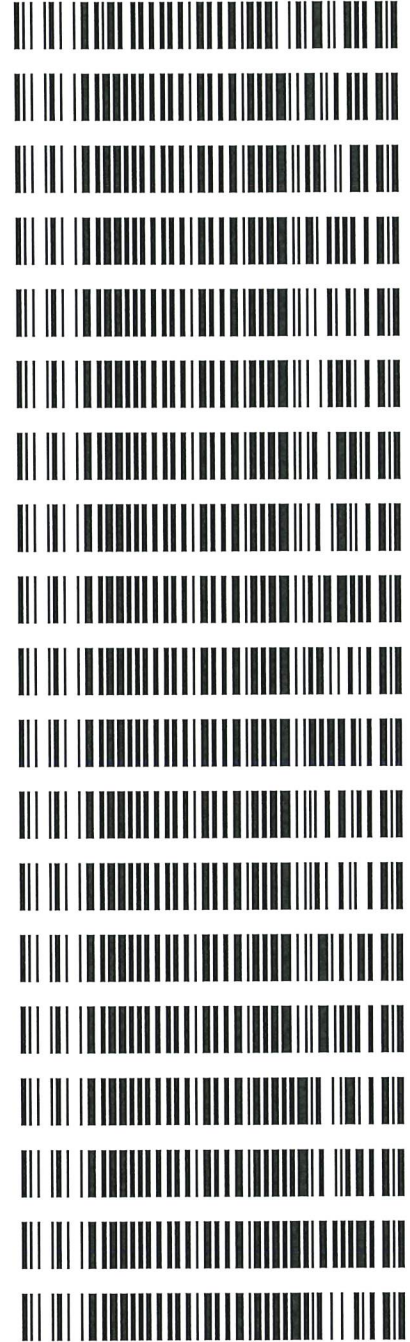
By Melissa (Nikka) Bradley at 12:47 pm, Jun 27, 2025

NB

6/27/2025

## Worklist: 7182

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2025-2362	4	BCK	Alcohol Analysis
P2025-1805	3	BCK	Alcohol Analysis
P2025-1812	1	BCK	Alcohol Analysis
P2025-1813	1	BCK	Alcohol Analysis
P2025-1814	1	BCK	Alcohol Analysis
P2025-1815	1	BCK	Alcohol Analysis
P2025-1816	1	BCK	Alcohol Analysis
P2025-1817	1	BCK	Alcohol Analysis
P2025-1823	1	BCK	Alcohol Analysis
P2025-1824	1	BCK	Alcohol Analysis
P2025-1825	1	BCK	Alcohol Analysis
P2025-1826	1	BCK	Alcohol Analysis
P2025-1836	1	BCK	Alcohol Analysis
P2025-1842	1	BCK	Alcohol Analysis
P2025-1842	2	BCK	Alcohol Analysis
P2025-1846	1	BCK	Alcohol Analysis
P2025-1847	1	BCK	Alcohol Analysis
P2025-1854	1	BCK	Alcohol Analysis
P2025-1857	1	BCK	Alcohol Analysis



TS

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600GB9897

Volatiles Quality Assurance Controls

Run Date(s): 06/26/2025

Calibration Date: (if different) : 06/18/2025

Worklist #: 7182

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0823 g/100cc 0.0887 g/100cc g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2000 g/100cc g/100cc
Multi-Component mixture:		Exp: 2028 May	Lot #	FN02162310	
Curve Fit:		Column 1	Column 1	Column2	0.99991

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0510	0.0516	0.0006	0.0513
100	0.100	0.090 - 0.110	0.1003	0.1001	0.0002	0.1002
200	0.200	0.180 - 0.220	0.1991	0.1987	0.0004	0.1989
300	0.300	0.270 - 0.330	0.2982	0.2979	0.0003	0.298
400	0.400	0.360 - 0.440	-	-	#####	#DIV/0!
500	0.500	0.450 - 0.550	0.5012	0.5015	0.0003	0.5013

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.081 g/100cc

TS

**Internal Standard Monitoring Worksheet**

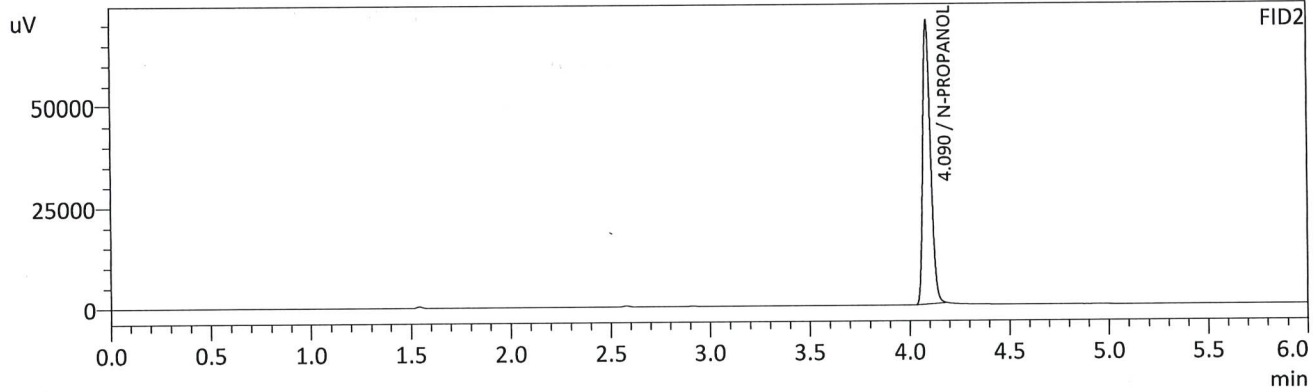
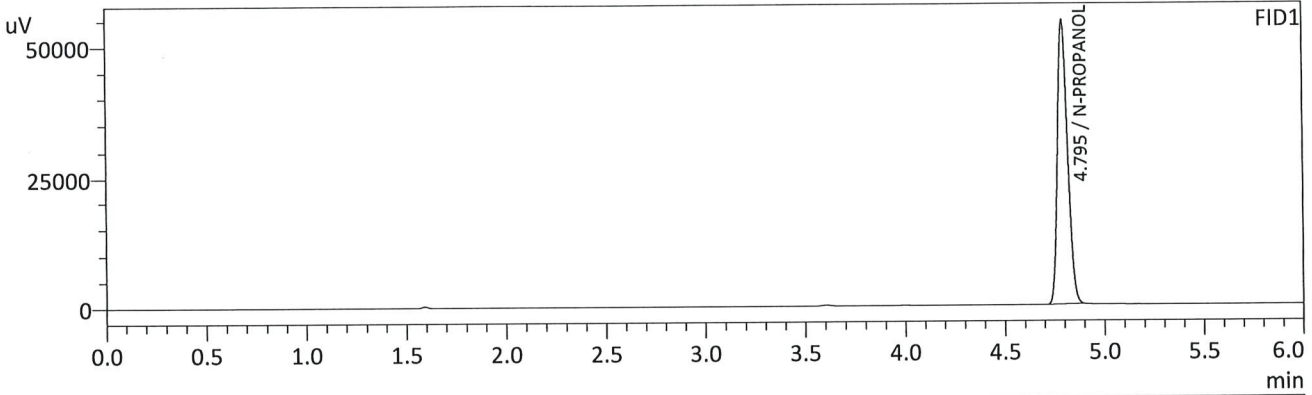
**Worksheet #:** 7182      **Run Date(s):** 06/26/2025

**Internal Standard Solution:**      **Prep Date:** 6/17/2025      **Exp Date:** 12/17/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	205074	201429
0.080	204467	200893
QC1	207085	203125
QC1	206813	203030
QC1	202430	199608
QC1	217604	215089
QC1		
QC1		
QC2	205721	203103
QC2	206503	203835
QC2		
QC2		
QC2		
QC2		

Average	(-)20%	(+)20%
Column 1 206962.1	165569.7	248354.6
Column 2 203764.0	163011.2	244516.8

Sample Name : INT STD BLK 1  
 Vial # : 1  
 Data Filename : INT STD BLK 1\_6262025\_001.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 9:53:25 AM  
 Date Processed : 6/26/2025 9:59:27 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

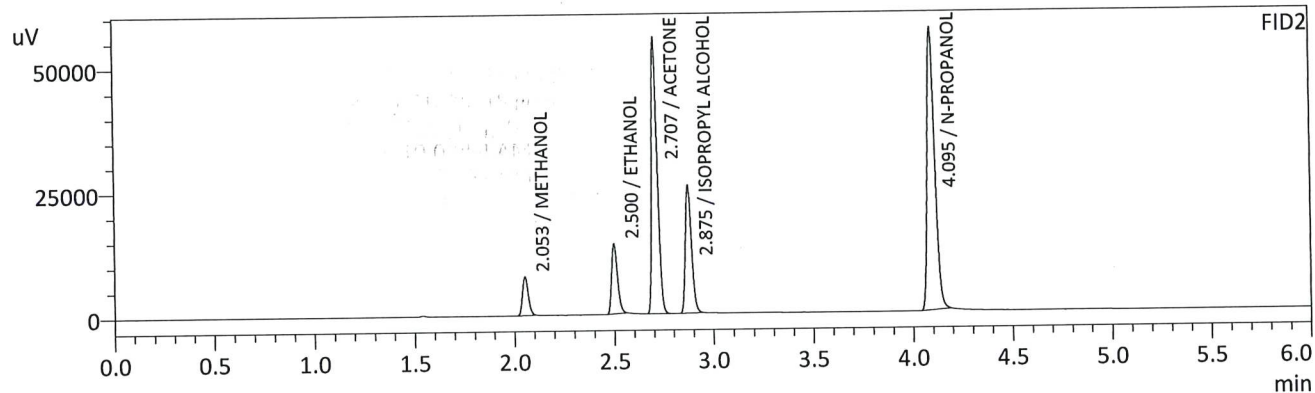
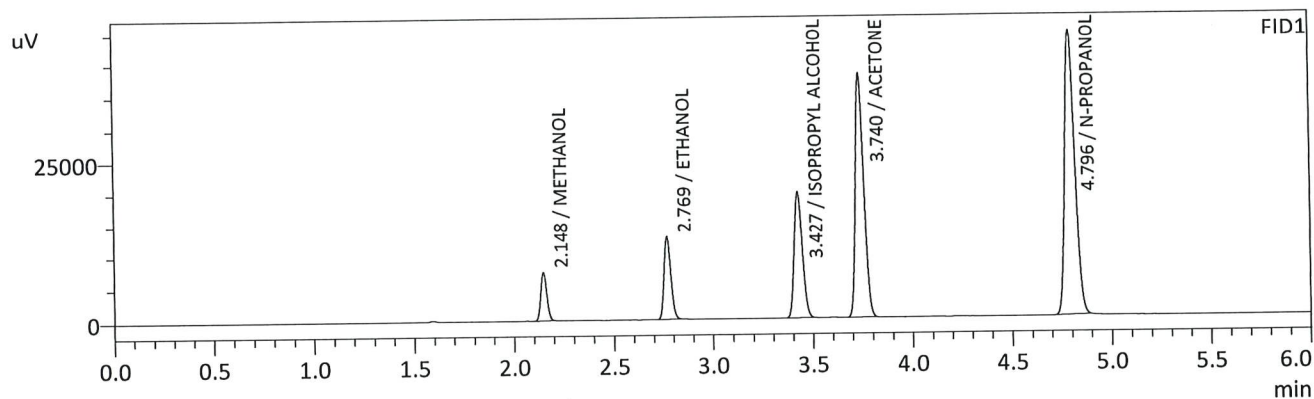
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	193115	54437
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188932	70105
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : MULTI-COMP MIX  
 Vial # : 2  
 Data Filename : MULTI-COMP MIX\_6262025\_002.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 10:02:54 AM  
 Date Processed : 6/26/2025 10:08:57 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

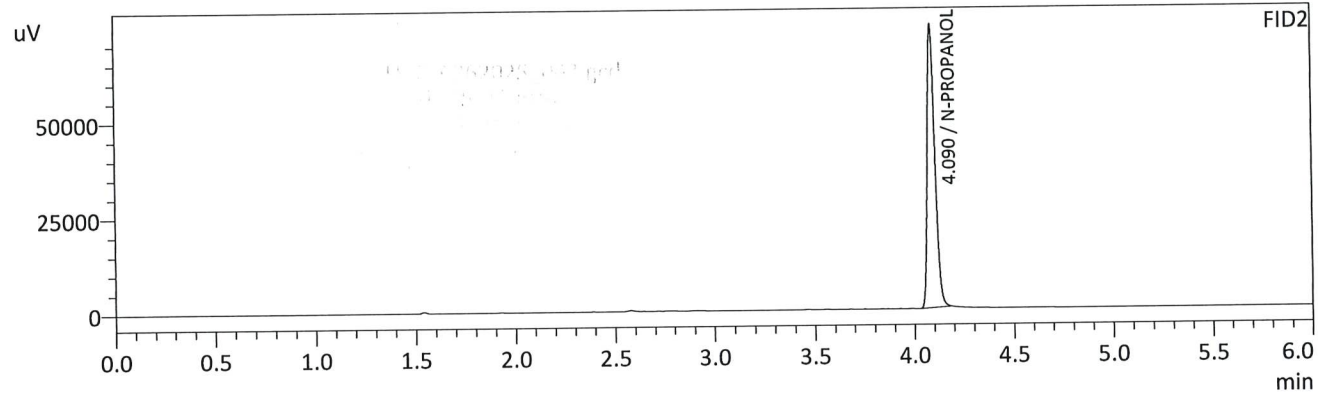
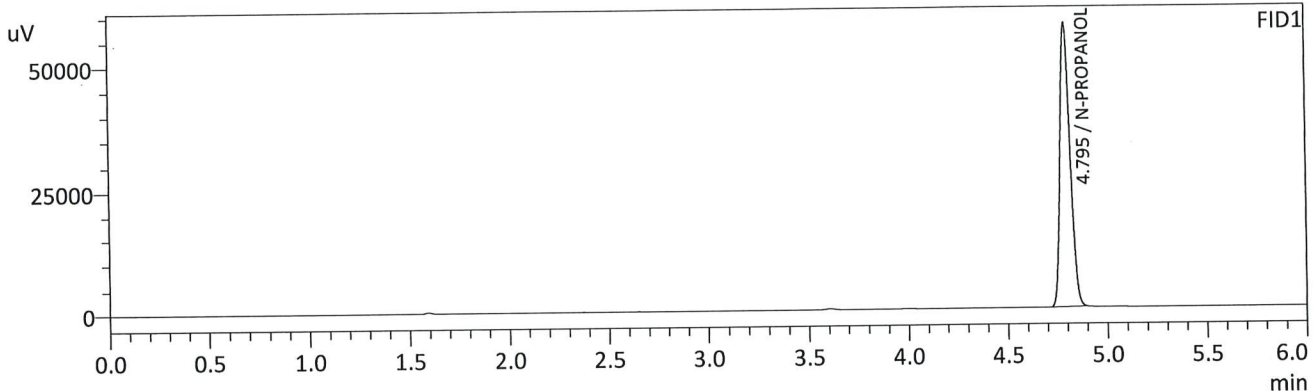
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	15650	7250
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1001	g/100cc	30337	12625
ISOPROPYL ALCOHOL	0.0000	g/100cc	55481	19556
ACETONE	0.0000	g/100cc	109714	37774
N-PROPANOL	0.0000	g/100cc	156373	44356
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	15577	7680
ETHANOL	0.1002	g/100cc	29007	14005
ACETONE	0.0000	g/100cc	113069	54591
ISOPROPYL ALCOHOL	0.0000	g/100cc	55385	25333
N-PROPANOL	0.0000	g/100cc	151497	56730
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : INT STD BLK 2  
 Vial # : 3  
 Data Filename : INT STD BLK 2\_6262025\_003.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 10:12:15 AM  
 Date Processed : 6/26/2025 10:18:17 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203311	57456
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

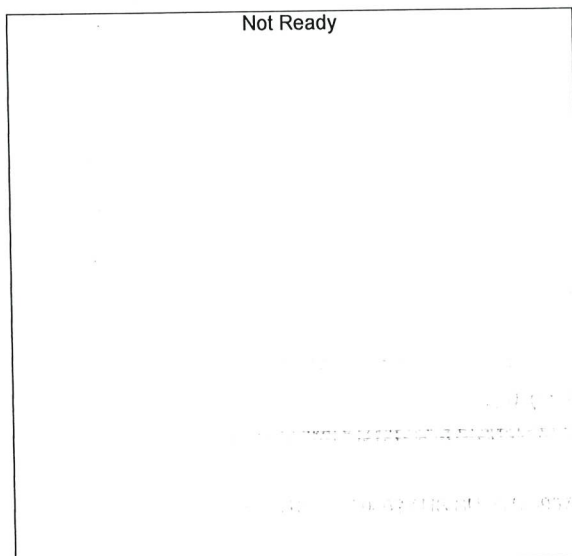
Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198850	73932
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

# Calibration Table

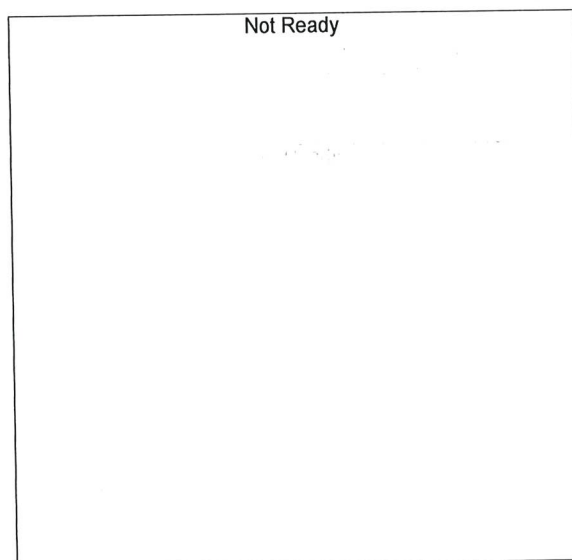
Laboratory: Pocatello  
 Instrument Name : GC SN- C12255850662 / HS SN- C12595700014

<<Data File>>  
 Method File :Default Project - ALCOHOL\_061825\_TS.gcm  
 Batch File :Default Project - BATCH\_061825\_TS.gcb  
 Date Acquired :6/18/2025 10:59:02 AM  
 Date Created :6/18/2025 10:55:33 AM  
 Date Modified :6/27/2025 6:57:23 AM



Name : METHANOL  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R^2 value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

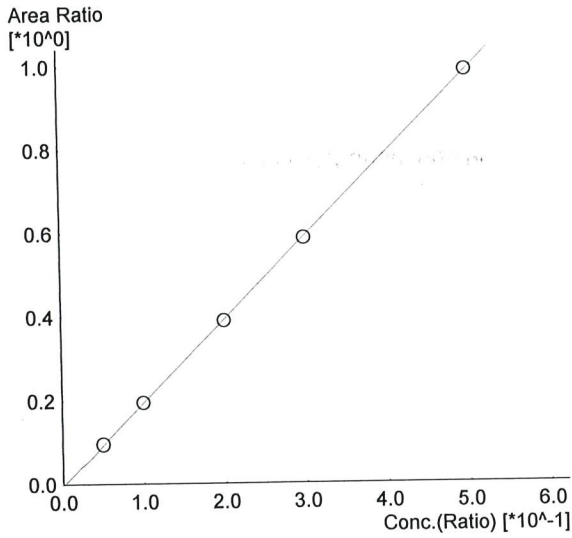
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R^2 value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

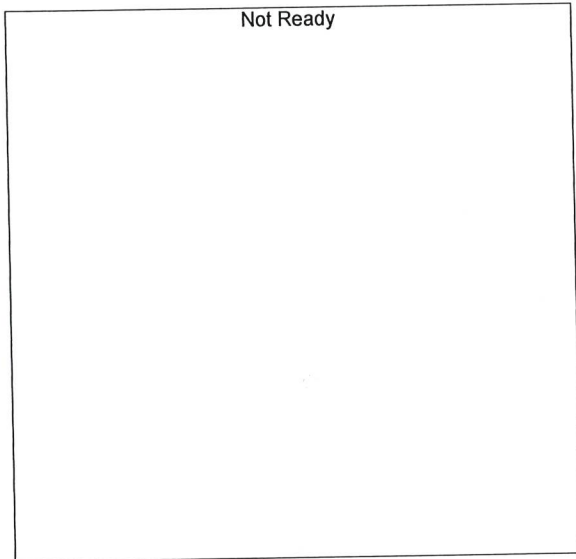
#	Conc.	Area	Std. Conc.	Data File Name
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TS



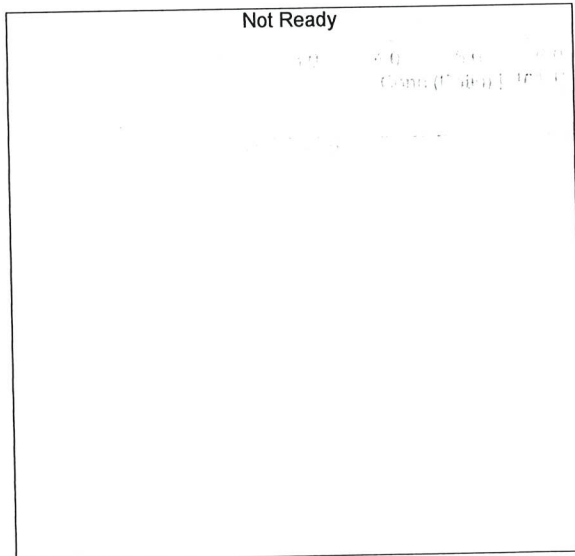
Name : ETHANOL  
 Detector Name: FID1  
 Function :  $f(x)=1.97841*x-0.00422025$   
 R<sup>2</sup> value= 0.9999503  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19985	0.0510	0.050_6182025_001.gcd
2	0.100	40728	0.1003	0.100_6182025_002.gcd
3	0.200	82732	0.1991	0.200_6182025_003.gcd
4	0.300	124693	0.2982	0.300_6182025_004.gcd
5	0.500	209973	0.5012	0.500_6182025_005.gcd



Name : ISOPROPYL ALCOHOL  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

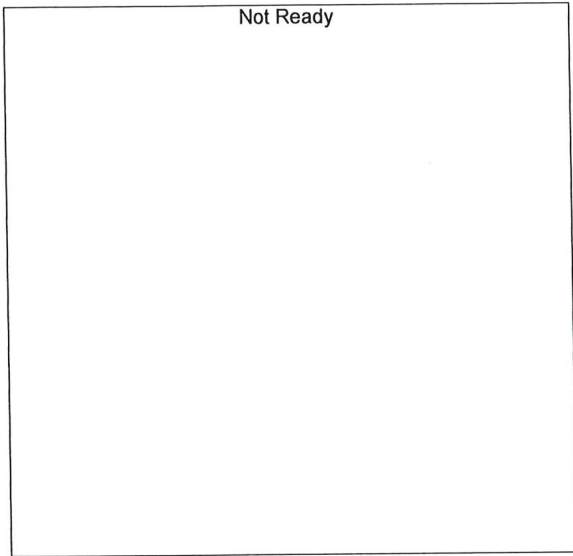
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETONE  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

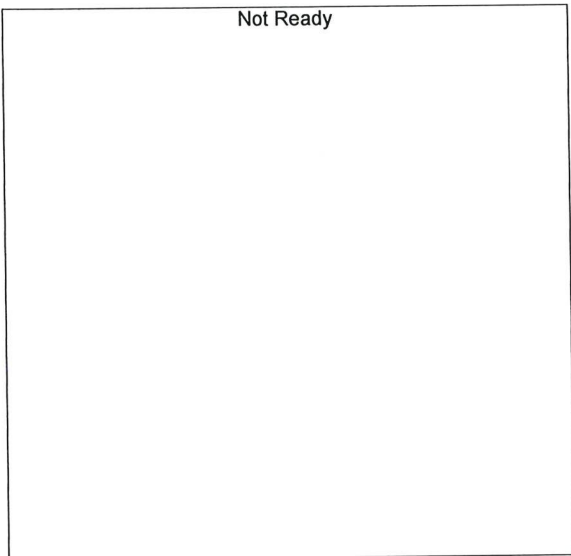
#	Conc.	Area	Std. Conc.	Data File Name
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TS



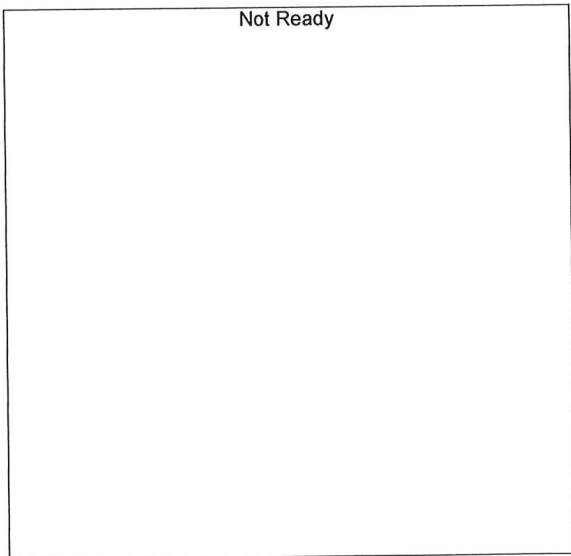
Name : DFE/TFE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : DME  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

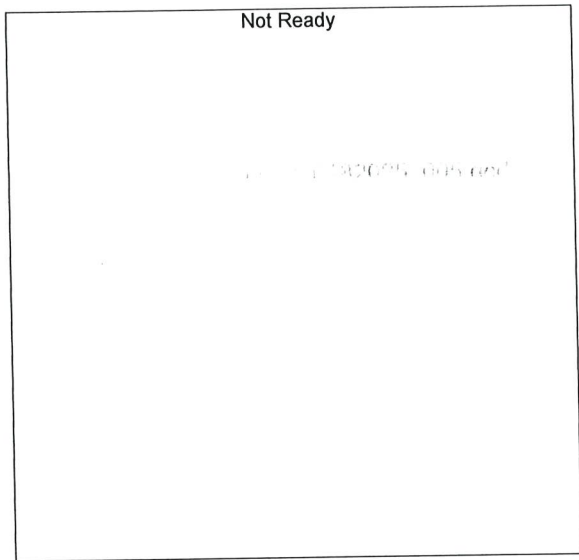
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

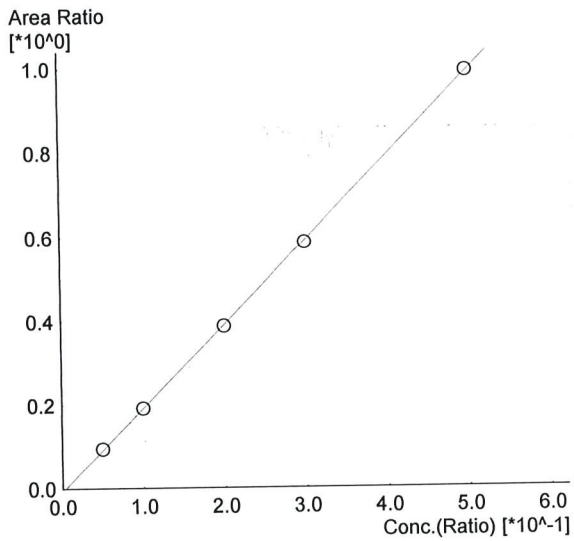
#	Conc.	Area	Std. Conc.	Data File Name
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TS



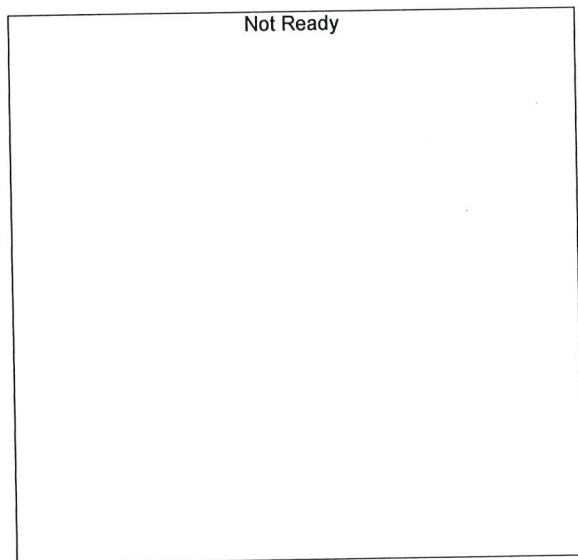
Name : METHANOL  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL  
 Detector Name: FID2  
 Function :  $f(x)=1.99422*x-0.00844668$   
 R<sup>2</sup> value= 0.9999165  
 FitType: Linear  
 ZeroThrough: Not Through

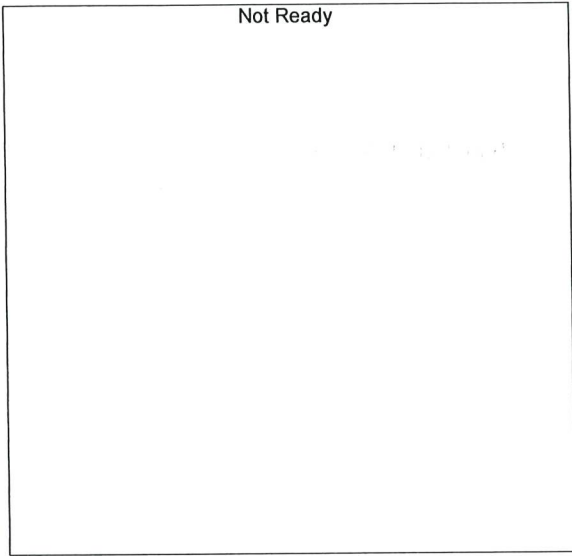
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19316	0.0516	0.050_6182025_001.gcd
2	0.100	39638	0.1001	0.100_6182025_002.gcd
3	0.200	81484	0.1987	0.200_6182025_003.gcd
4	0.300	123467	0.2979	0.300_6182025_004.gcd
5	0.500	209172	0.5015	0.500_6182025_005.gcd



Name : ACETONE  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

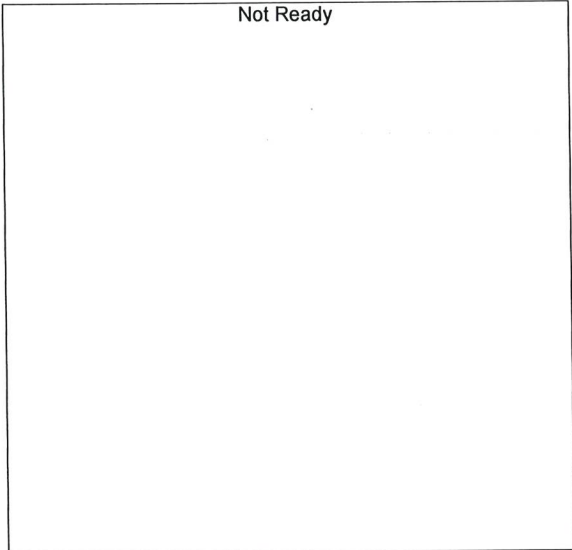
#	Conc.	Area	Std. Conc.	Data File Name
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TS



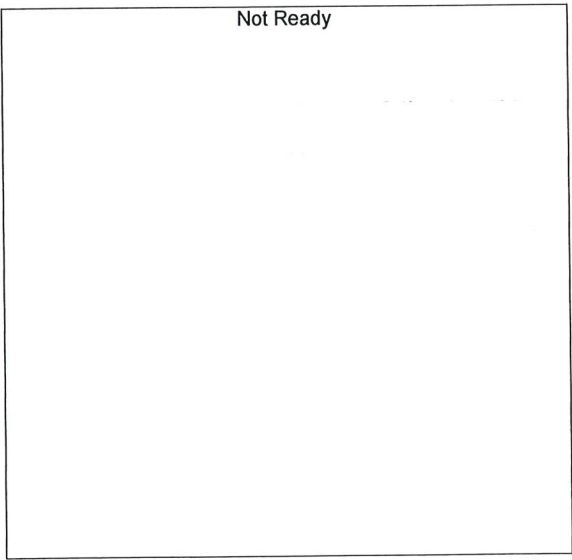
Name : ISOPROPYL ALCOHOL  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : DFE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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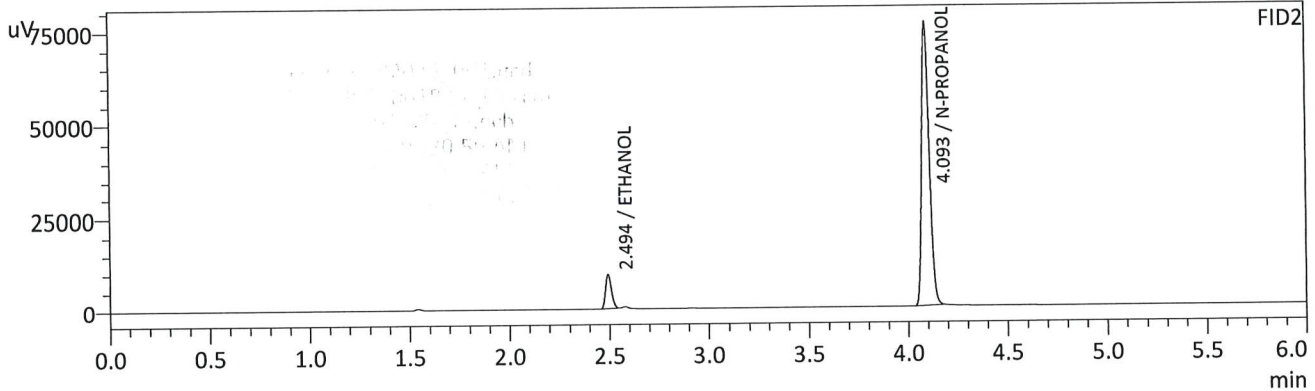
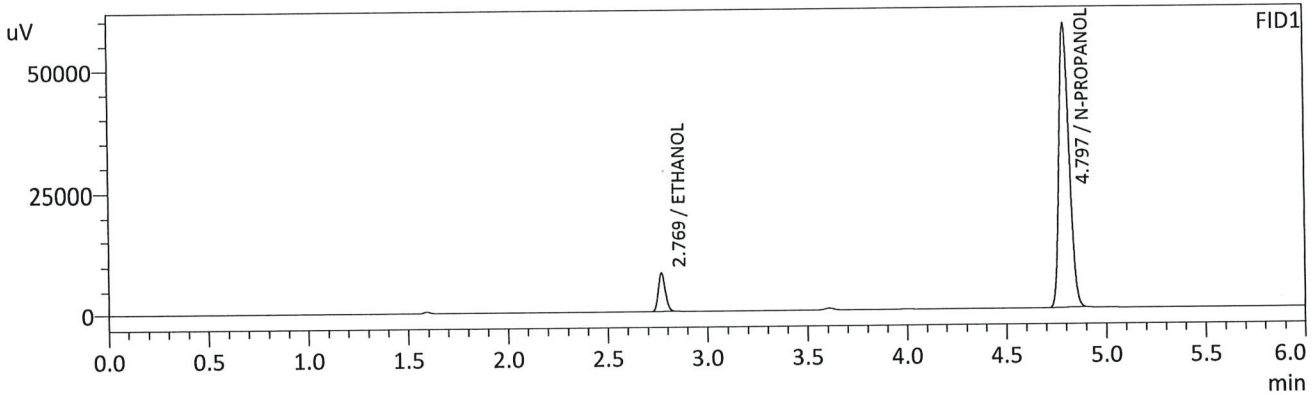


Name : TFE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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TS

Sample Name : 0.050  
 Vial # : 1  
 Data Filename : 0.050\_6182025\_001.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_061825\_TS.gcb  
 Date Acquired : 6/18/2025 10:20:56 AM  
 Date Processed : 6/27/2025 6:57:08 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

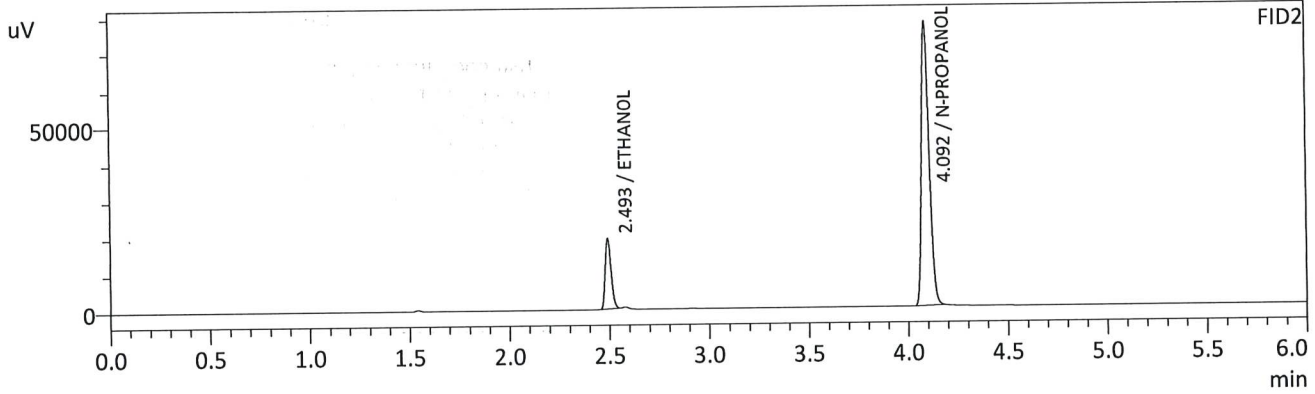
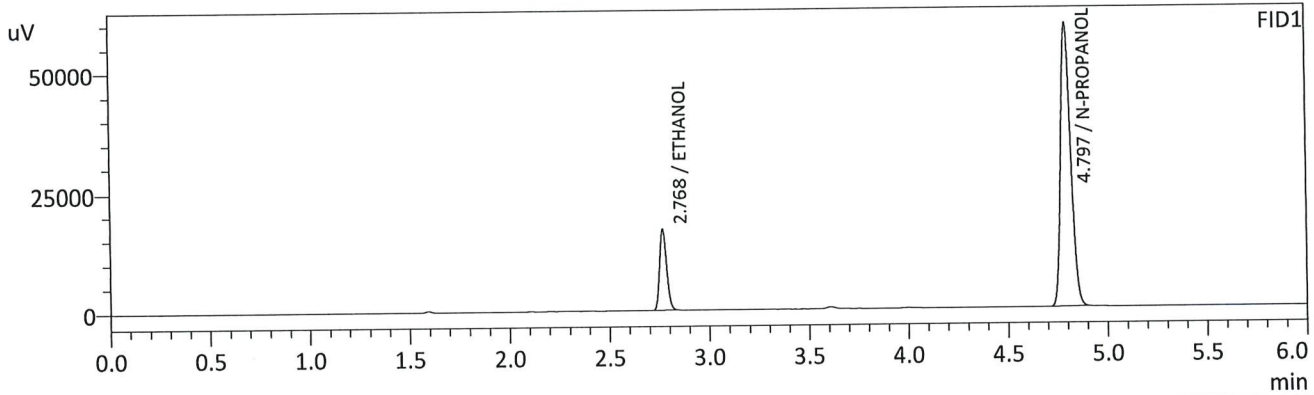
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0510	g/100cc	19985	8212
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	206616	58146
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0516	g/100cc	19316	9309
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	204479	75885
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.100  
 Vial # : 2  
 Data Filename : 0.100\_6182025\_002.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_061825\_TS.gcb  
 Date Acquired : 6/18/2025 10:30:26 AM  
 Date Processed : 6/27/2025 6:57:12 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

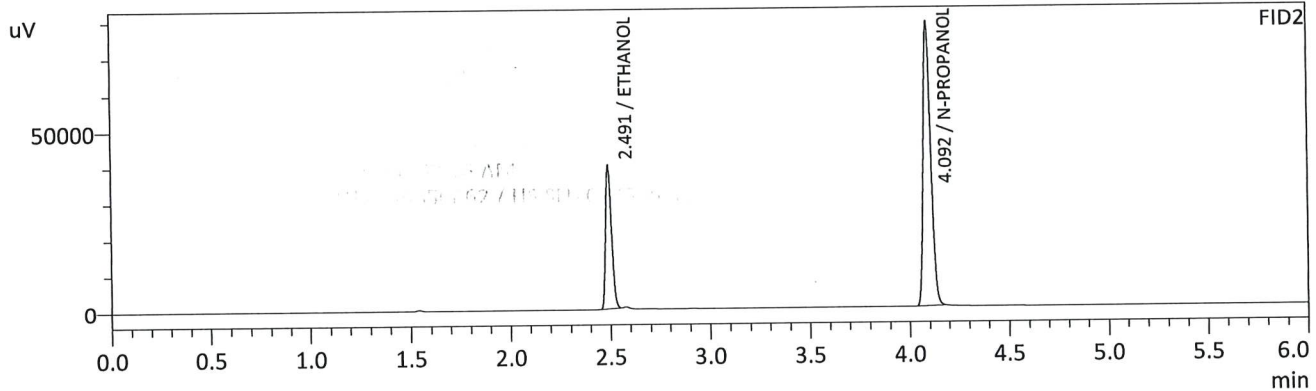
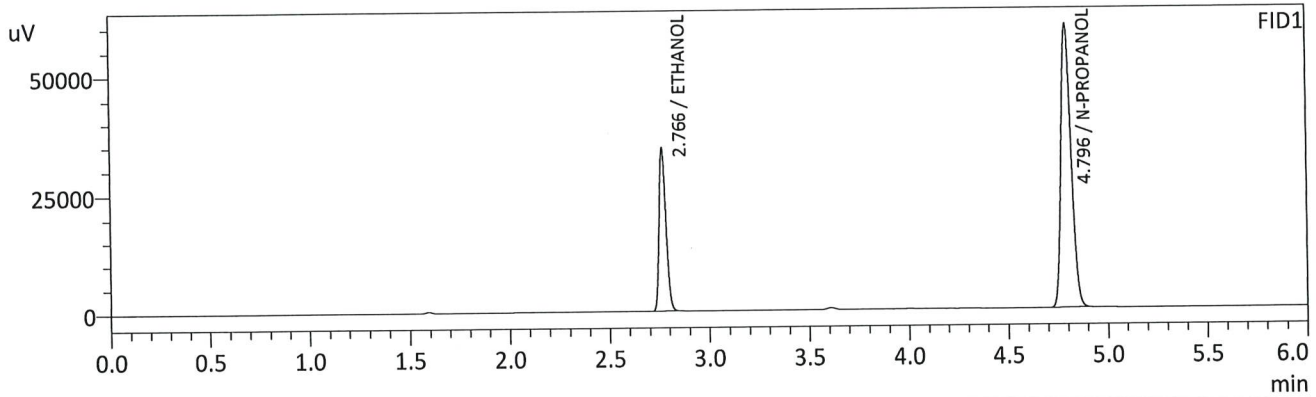
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	40728	16669
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	209574	59072
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1001	g/100cc	39638	19071
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	207215	77158
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.200  
 Vial # : 3  
 Data Filename : 0.200\_6182025\_003.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_061825\_TS.gcb  
 Date Acquired : 6/18/2025 10:39:46 AM  
 Date Processed : 6/27/2025 6:57:16 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

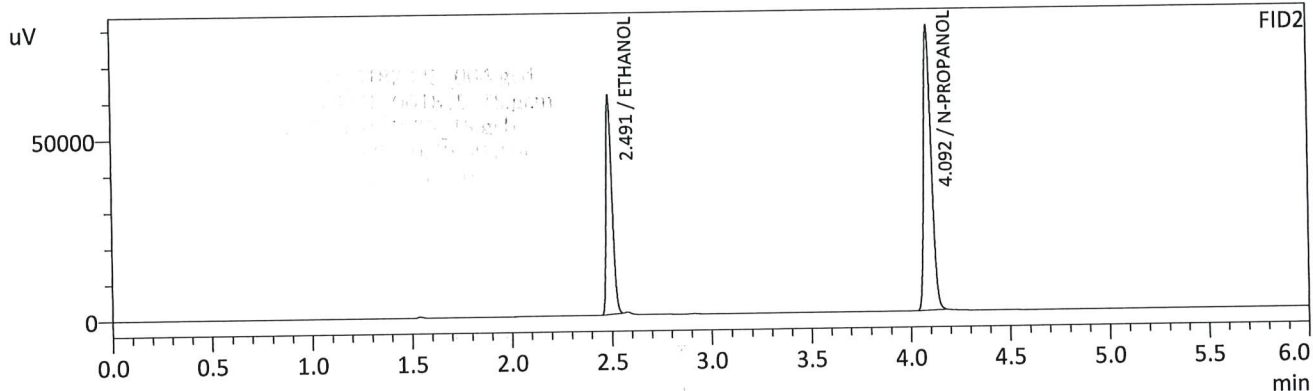
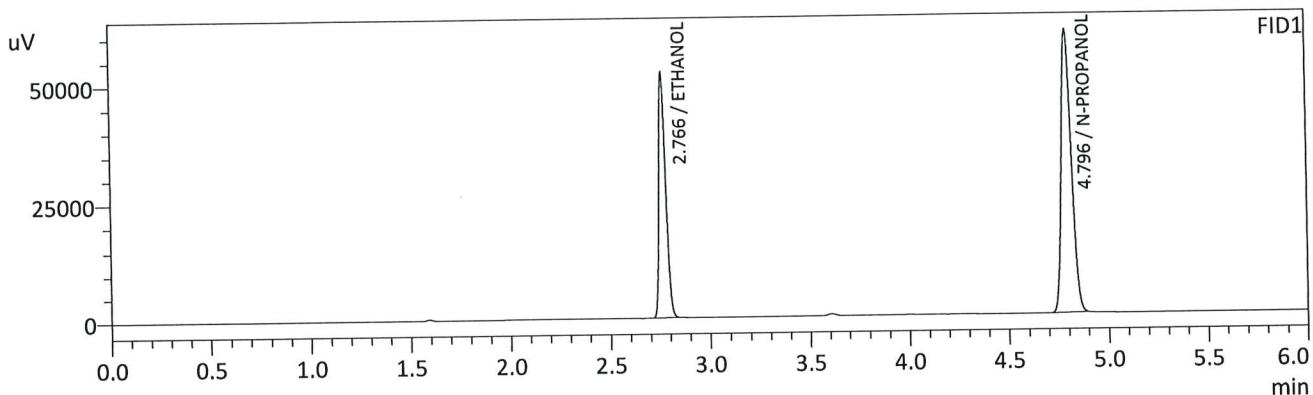
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1991	g/100cc	82732	34283
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	212279	59775
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1987	g/100cc	81484	39587
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	210072	78208
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.300  
 Vial # : 4  
 Data Filename : 0.300\_6182025\_004.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_061825\_TS.gcb  
 Date Acquired : 6/18/2025 10:49:30 AM  
 Date Processed : 6/27/2025 6:57:20 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

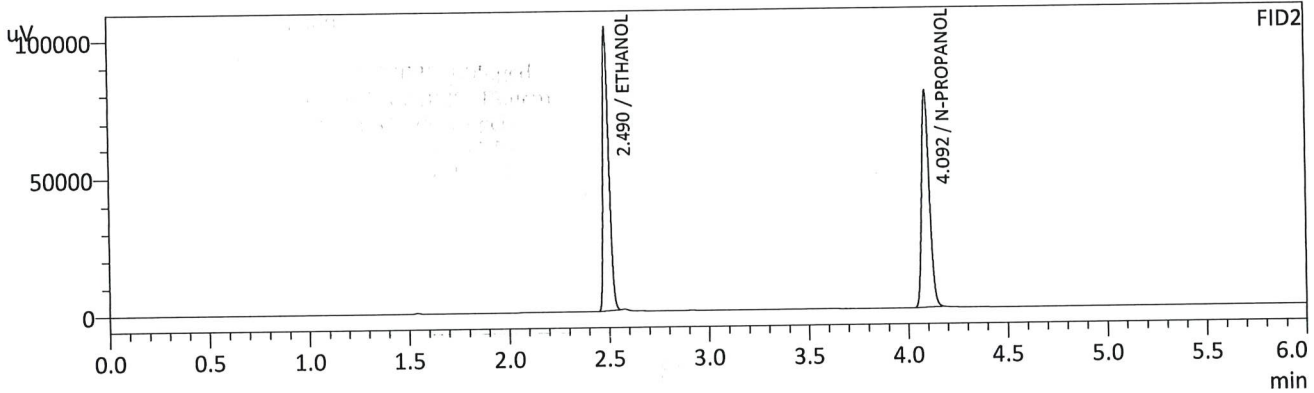
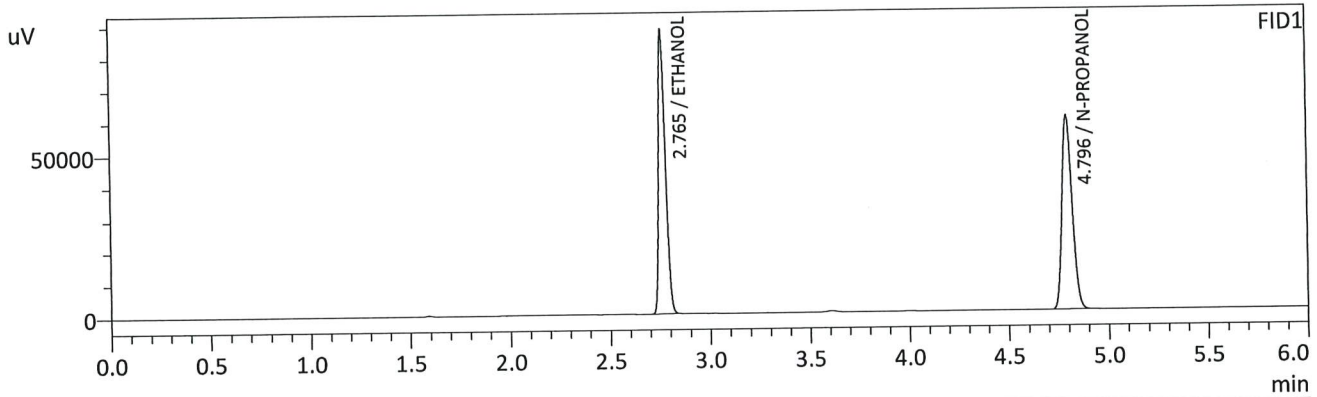
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2982	g/100cc	124693	51960
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	212823	59991
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2979	g/100cc	123467	60385
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	210783	78369
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.500  
 Vial # : 5  
 Data Filename : 0.500\_6182025\_005.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_061825\_TS.gcb  
 Date Acquired : 6/18/2025 10:59:02 AM  
 Date Processed : 6/27/2025 6:57:23 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5012	g/100cc	209973	87856
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	212658	59852
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5015	g/100cc	209172	103009
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	210919	78441
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 6/26/2025 10:40:49 AM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0813	0.0810	0.0003	0.0811	0.0000	0.0811
(g/100cc)	0.0813	0.0810	0.0003	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_061825\_TS.gcm

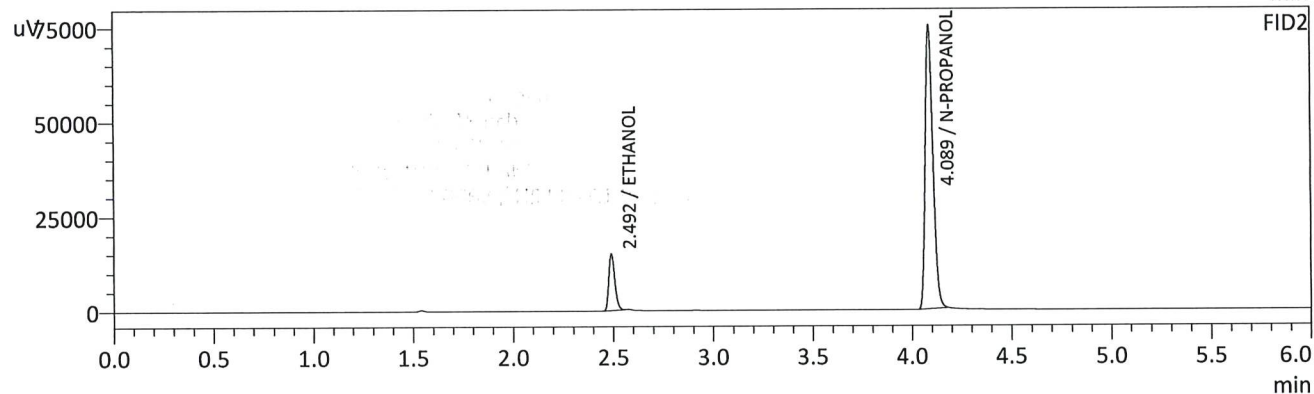
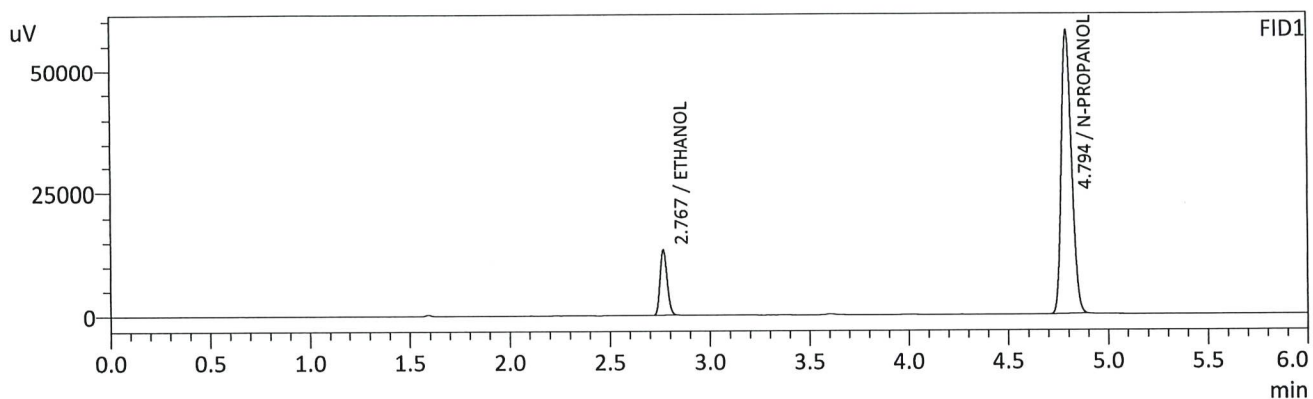
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

	Reported Results
	0.081

Calibration and control data are stored centrally.

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Sample Name : 0.08 QA  
 Vial # : 6  
 Data Filename : 0.08 QA\_6262025\_006.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 10:40:49 AM  
 Date Processed : 6/26/2025 10:46:50 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



## FID1

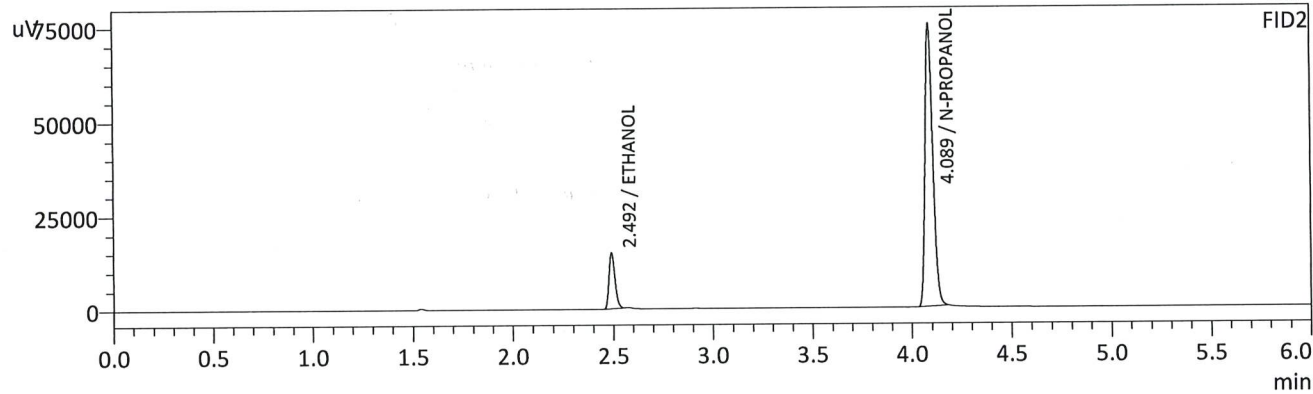
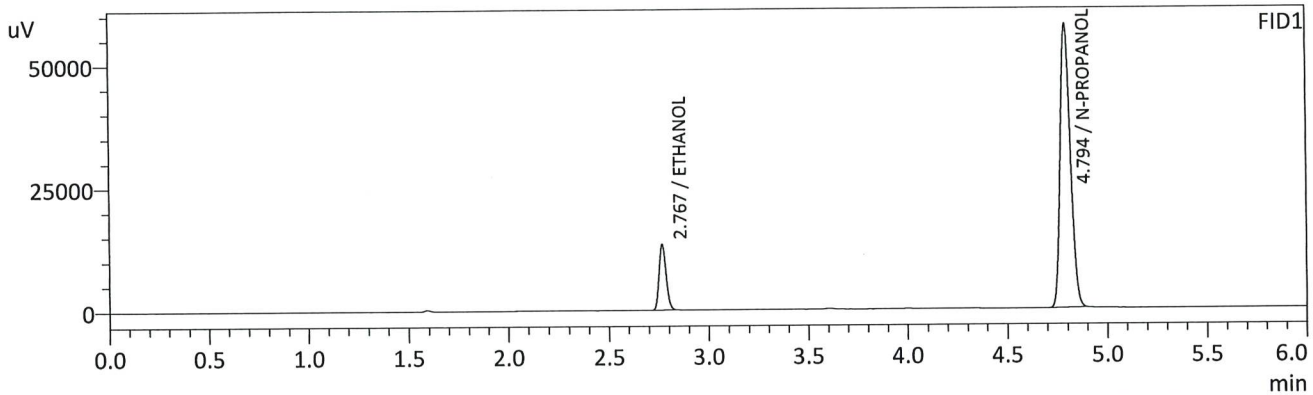
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	32157	13263
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	205074	57683
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

## FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	30874	14734
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	201429	74673
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : 0.08 QA - B  
 Vial # : 7  
 Data Filename : 0.08 QA - B\_6262025\_007.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 10:50:36 AM  
 Date Processed : 6/26/2025 10:56:37 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	32059	13212
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	204467	57551
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	30784	14674
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	200893	74580
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 6/26/2025 10:22:01 AM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0823	0.0823	0.0000	0.0823	0.0001	0.0823
(g/100cc)	0.0824	0.0824	0.0000	0.0824		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_061825\_TS.gcm

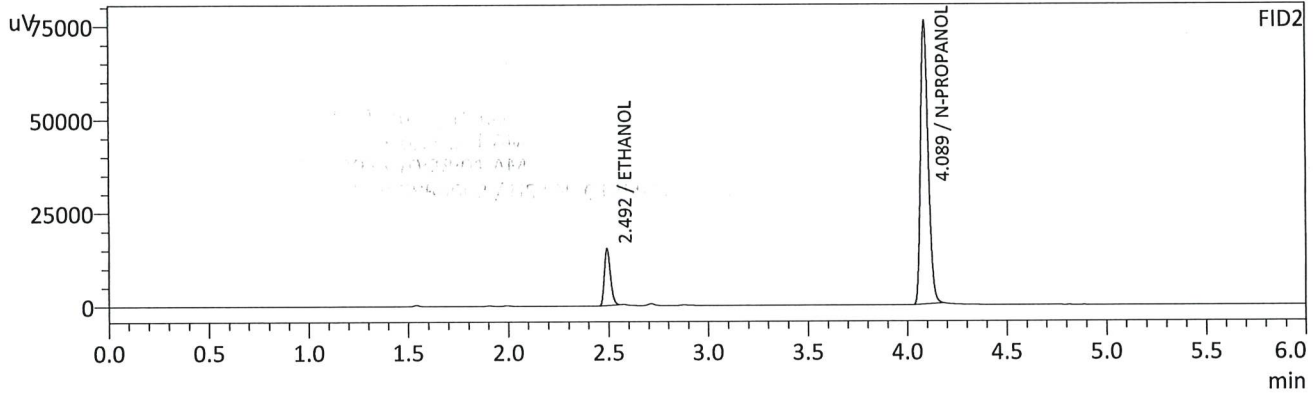
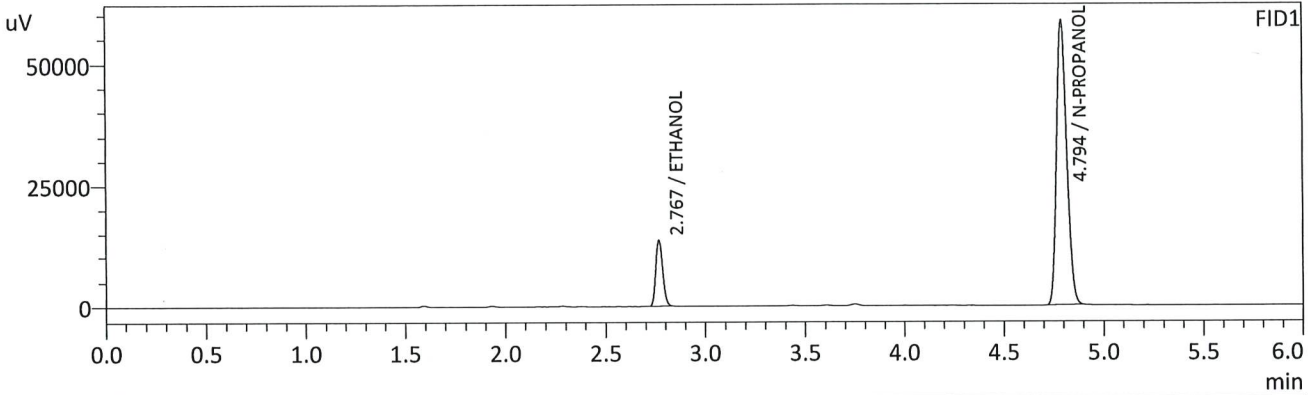
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results	
0.082	

Calibration and control data are stored centrally.

TS

Sample Name : QC1-1  
 Vial # : 4  
 Data Filename : QC1-1\_6262025\_004.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 10:22:01 AM  
 Date Processed : 6/26/2025 10:28:01 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

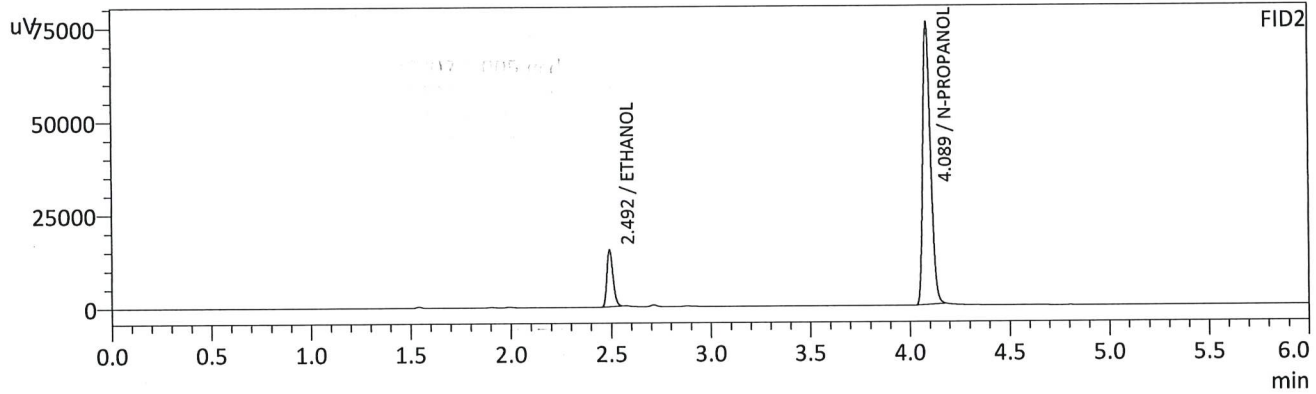
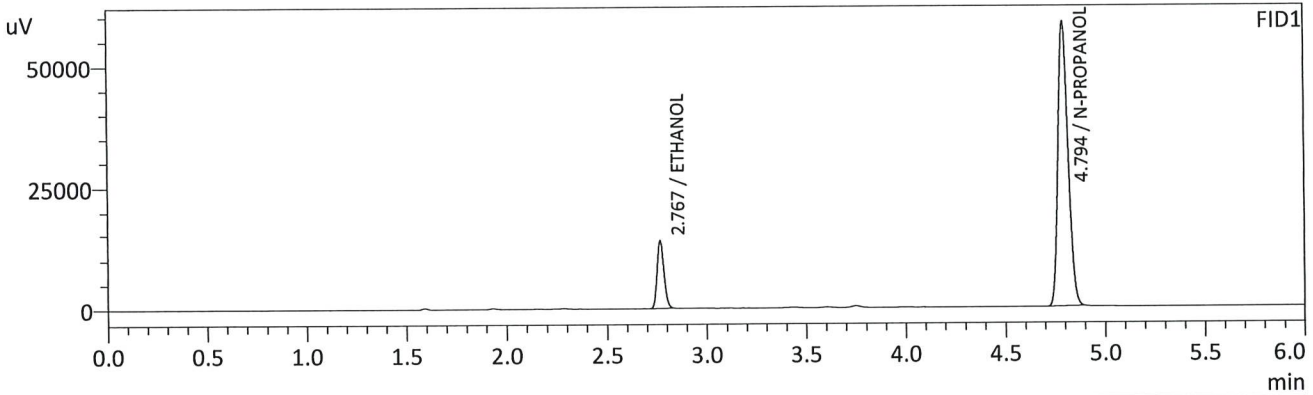
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0823	g/100cc	32852	13543
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	207085	58538
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0823	g/100cc	31661	15050
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203125	75415
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC1-1-B  
 Vial # : 5  
 Data Filename : QC1-1-B\_6262025\_005.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 10:31:31 AM  
 Date Processed : 6/26/2025 10:37:33 AM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0824	g/100cc	32864	13539
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	206813	58372
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0824	g/100cc	31661	15060
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203030	75402
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

*Handwritten mark resembling a stylized 'B' or 'D'.*

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 6/26/2025 5:20:44 PM(-06:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0884	0.0882	0.0002	0.0883	0.0009	0.0887
(g/100cc)	0.0895	0.0890	0.0005	0.0892		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_061825\_TS.gcm

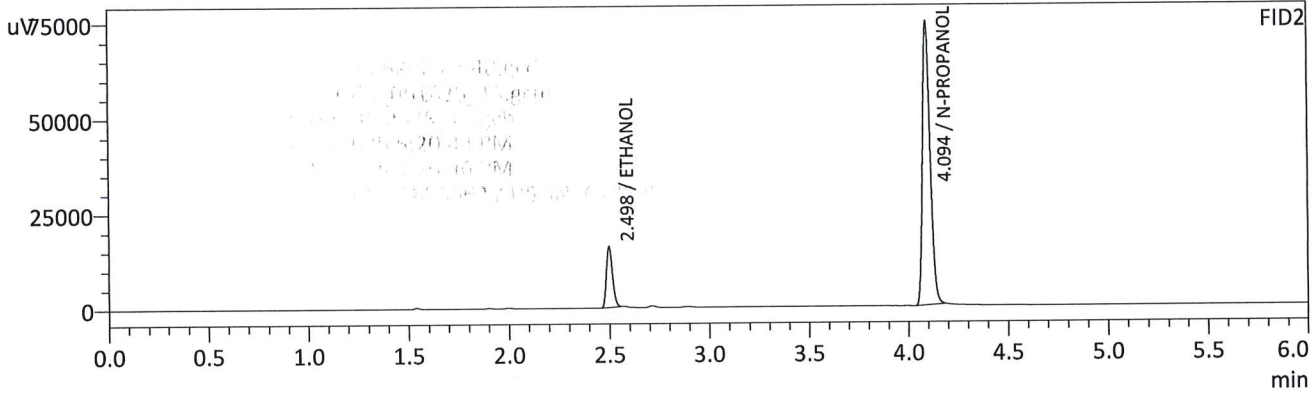
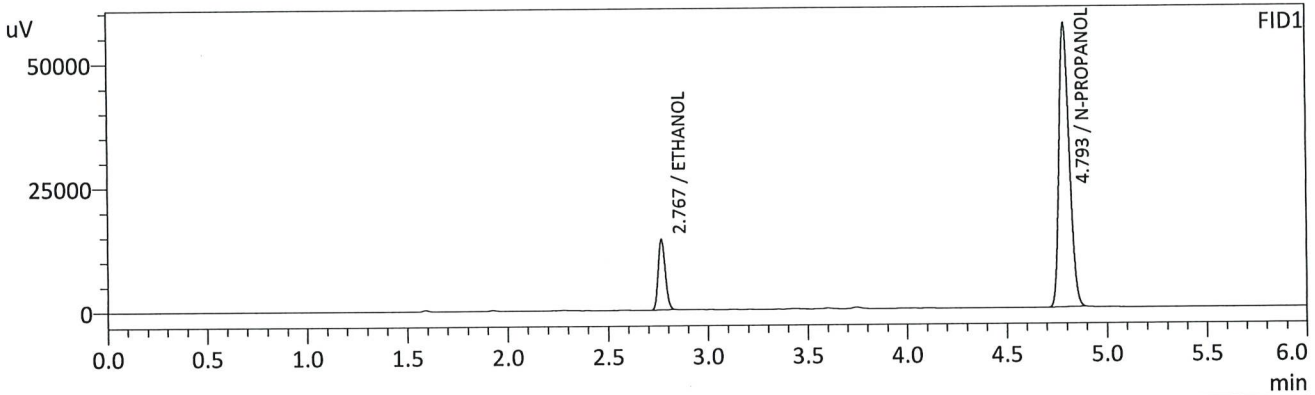
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.088	0.083	0.093	0.005

	Reported Results	
		0.088

Calibration and control data are stored centrally.

TS

Sample Name : QC1-2  
 Vial # : 48  
 Data Filename : QC1-2\_6262025\_048.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 5:20:44 PM  
 Date Processed : 6/26/2025 5:26:46 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

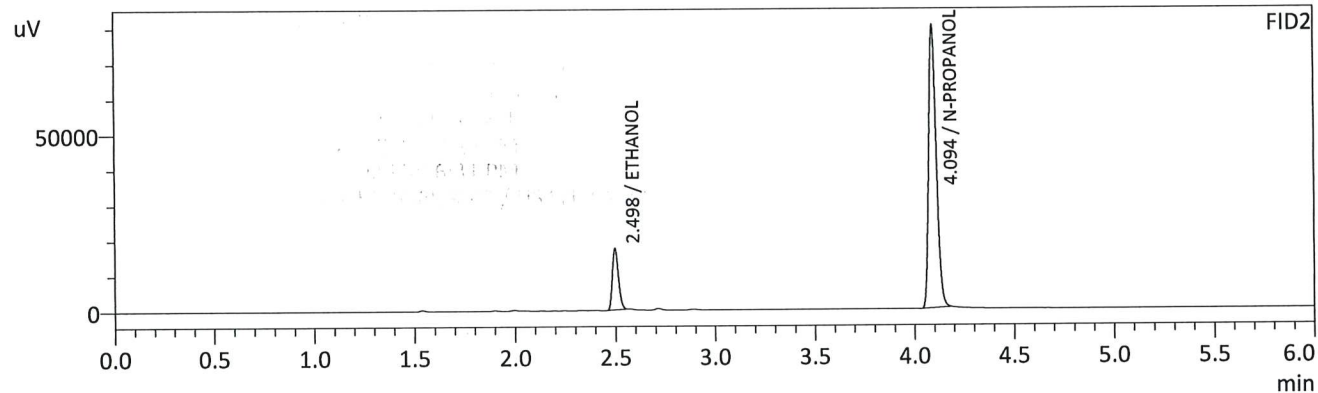
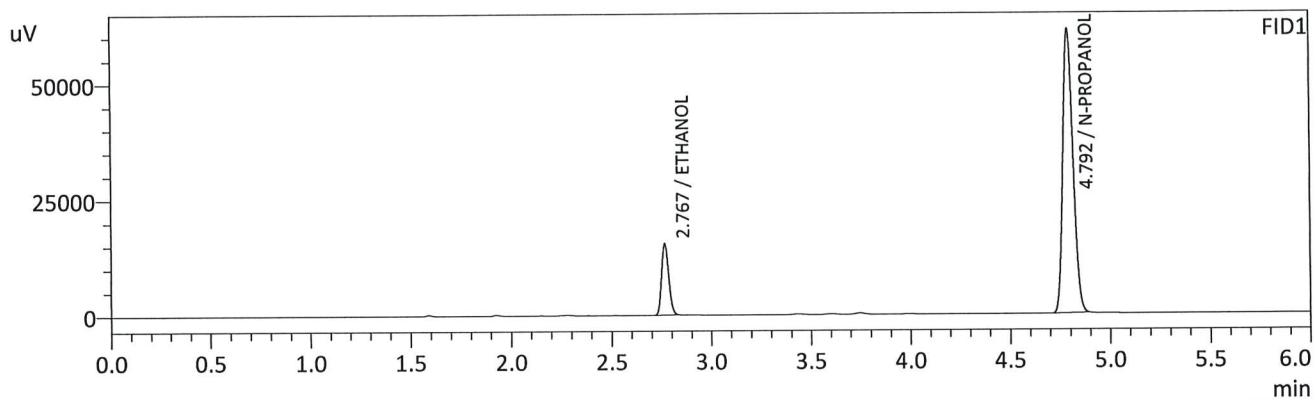
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0884	g/100cc	34556	14104
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202430	56993
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0882	g/100cc	33444	15934
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199608	74358
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC1-2-B  
 Vial # : 49  
 Data Filename : QC1-2-B\_6262025\_049.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 5:30:29 PM  
 Date Processed : 6/26/2025 5:36:31 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0895	g/100cc	37640	15382
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	217604	61161
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0890	g/100cc	36361	17290
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	215089	79907
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 6/26/2025 1:51:31 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2015	0.2005	0.0010	0.2010	0.0020	0.2000
(g/100cc)	0.1995	0.1986	0.0009	0.1990		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_061825\_TS.gcm

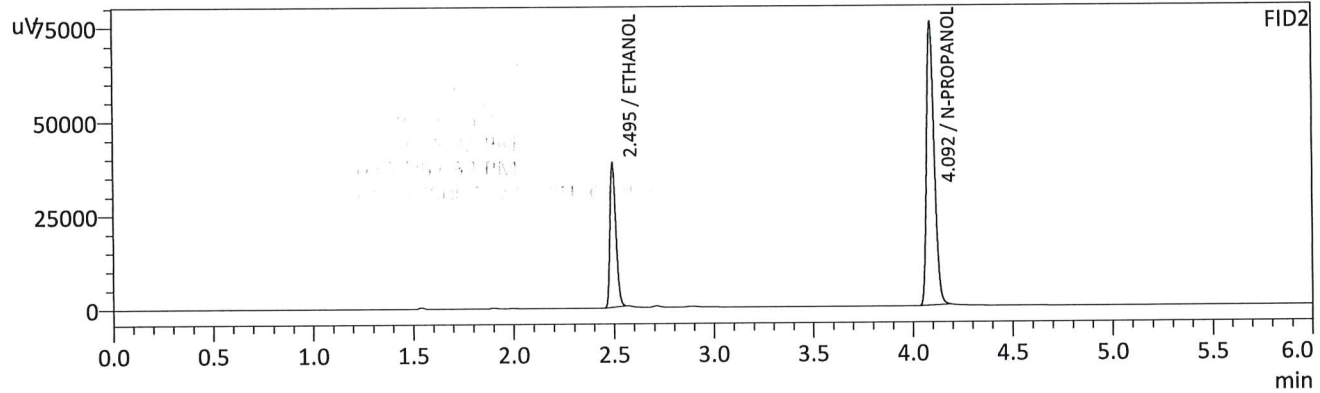
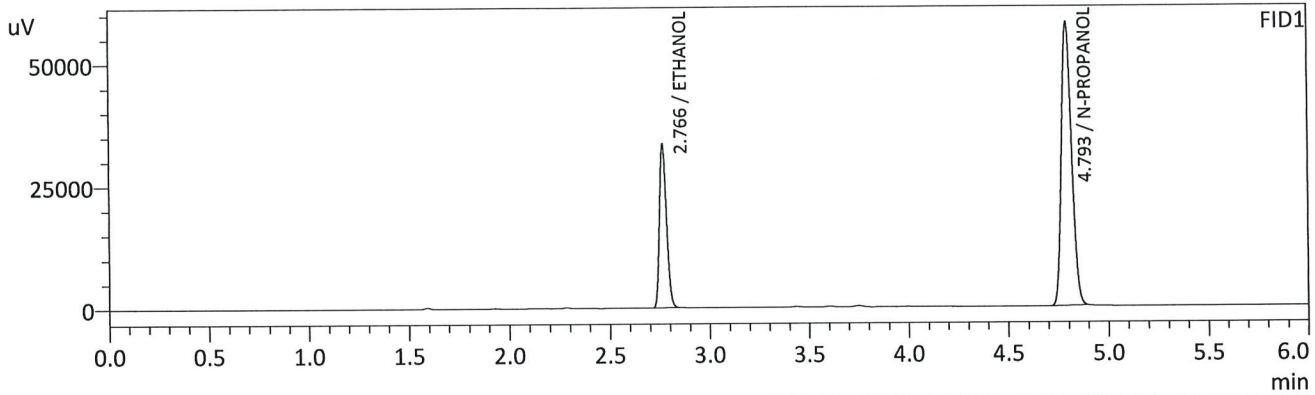
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

Column 1 FID A	Reported Results	
	0.200	

Calibration and control data are stored centrally.

AS

Sample Name : QC2-1  
 Vial # : 26  
 Data Filename : QC2-1\_6262025\_026.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 1:51:31 PM  
 Date Processed : 6/26/2025 1:57:33 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

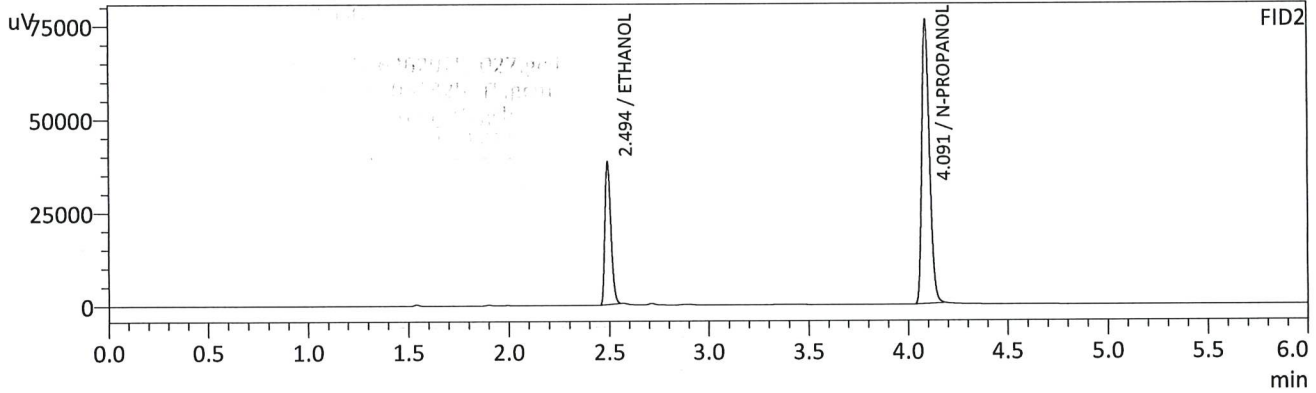
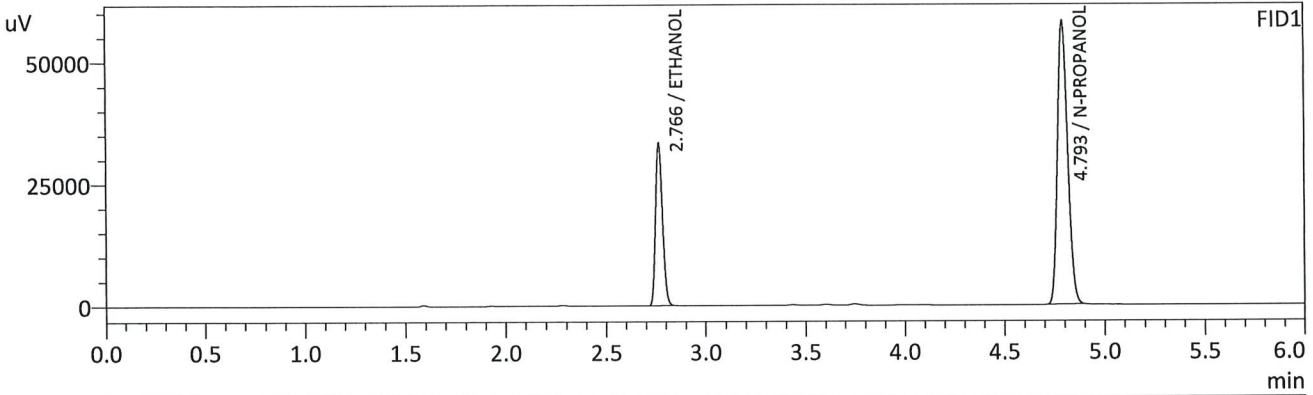
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2015	g/100cc	81150	33450
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	205721	57789
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2005	g/100cc	79522	38426
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203103	75201
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : QC2-1-B  
 Vial # : 27  
 Data Filename : QC2-1-B\_6262025\_027.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 2:00:49 PM  
 Date Processed : 6/26/2025 2:06:51 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

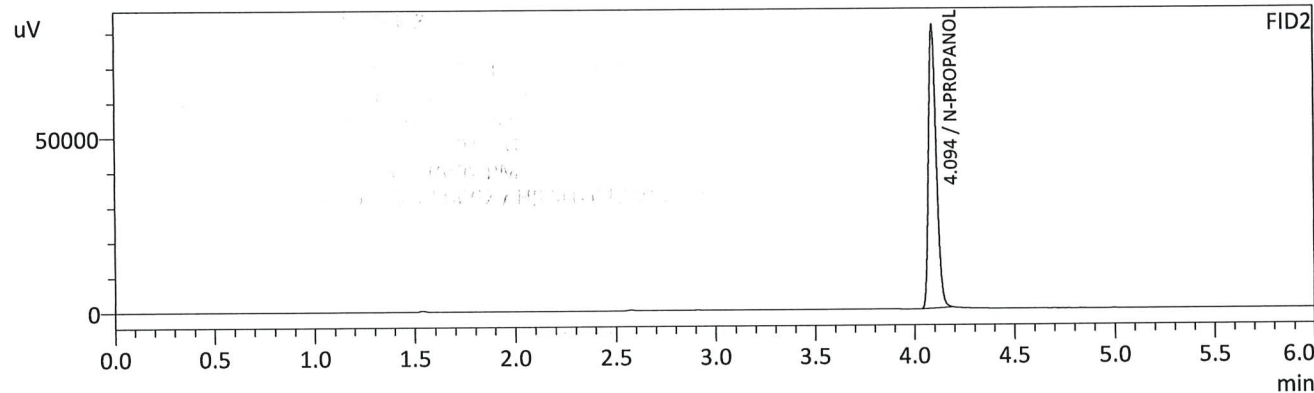
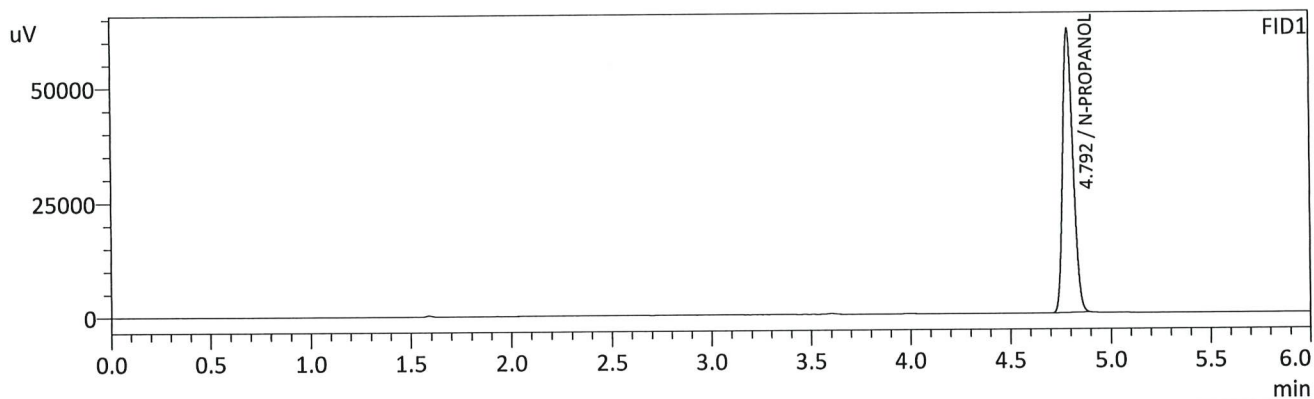
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1995	g/100cc	80657	33306
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	206503	57851
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1986	g/100cc	79025	38071
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203835	75978
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : INT STD BLK 3  
 Vial # : 50  
 Data Filename : INT STD BLK 3\_6262025\_050.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 5:40:01 PM  
 Date Processed : 6/26/2025 5:46:01 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

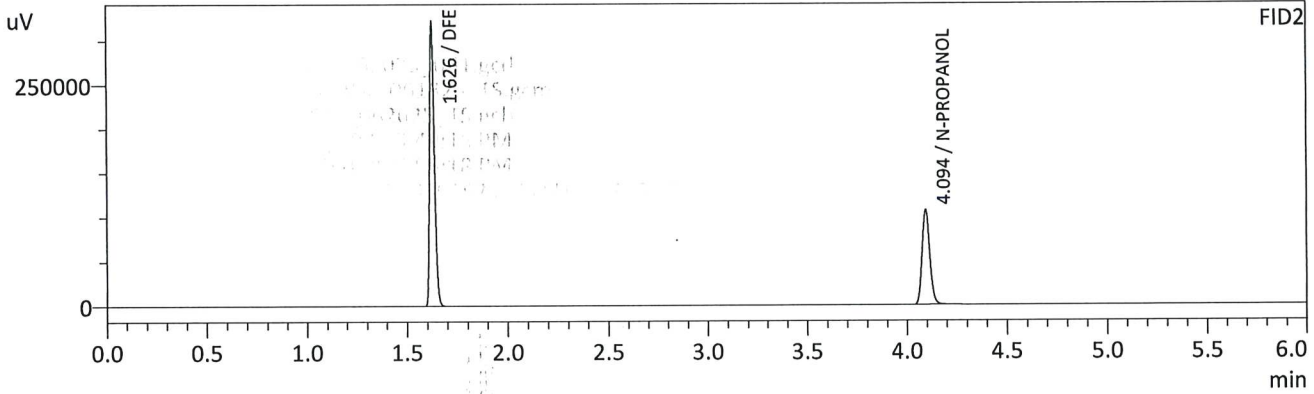
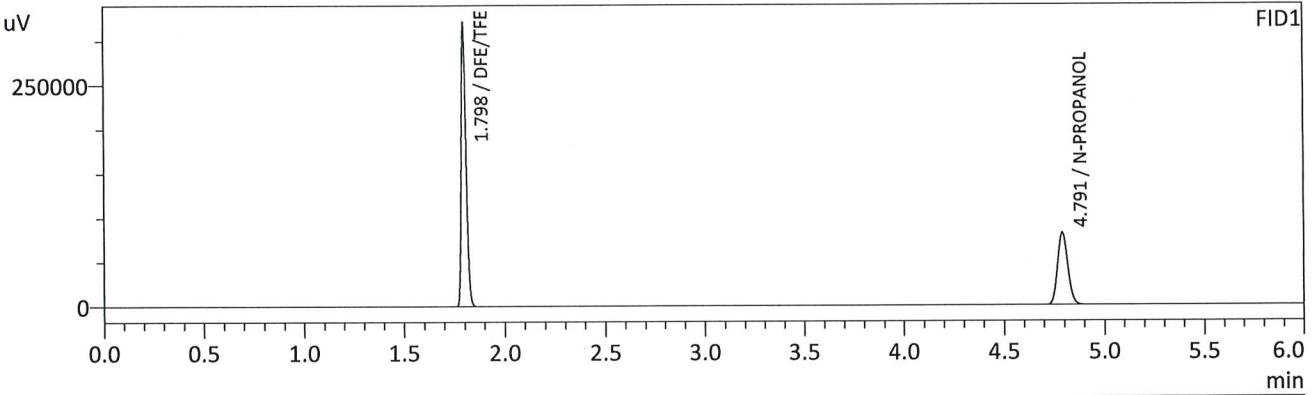
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	219950	61918
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	217714	81073
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : DFE  
 Vial # : 51  
 Data Filename : DFE\_6262025\_051.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 5:49:16 PM  
 Date Processed : 6/26/2025 5:55:18 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

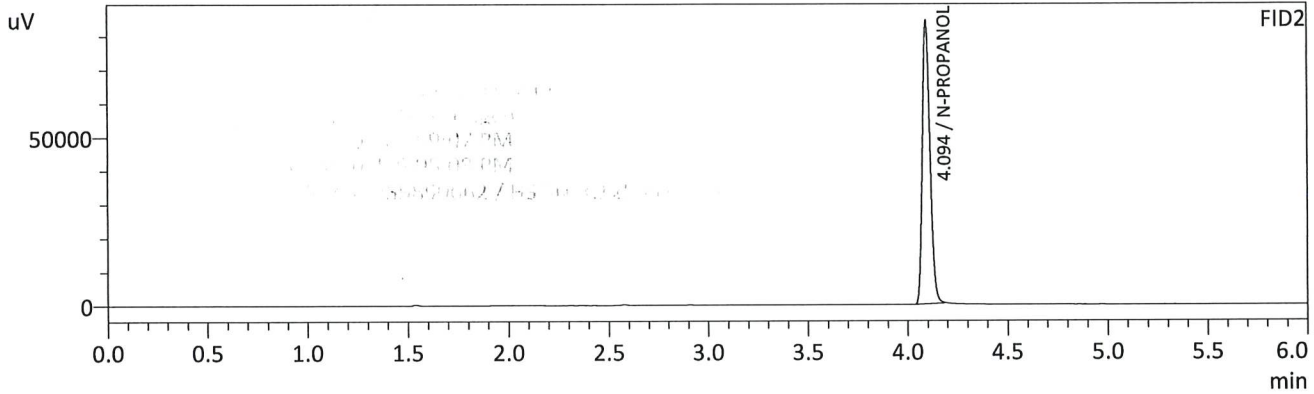
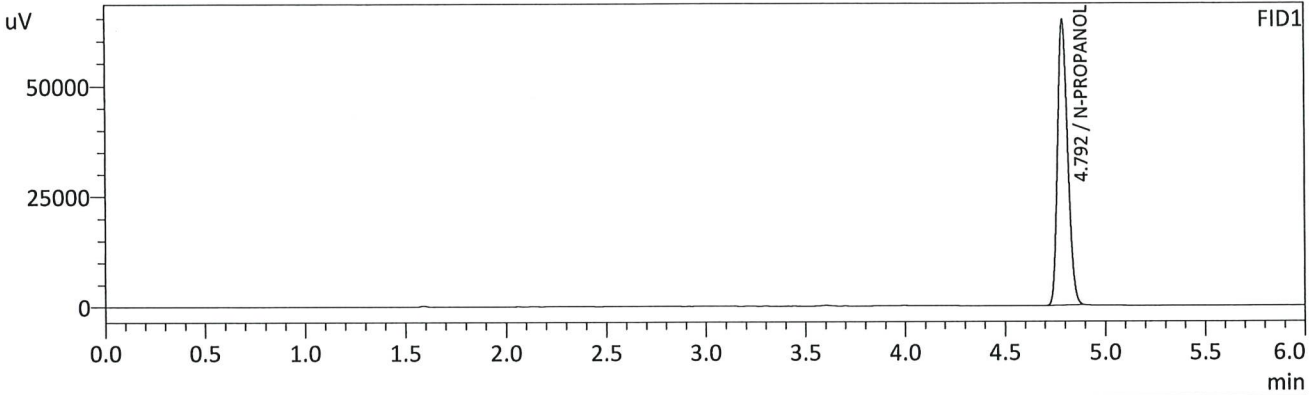
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	286256	81528
DFE/TFE	0.0000	g/100cc	533338	315117
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	283335	106838
DFE	0.0000	g/100cc	532273	319766
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 4  
 Vial # : 52  
 Data Filename : INT STD BLK 4\_6262025\_052.gcd  
 Method Filename : ALCOHOL\_061825\_TS.gcm  
 Batch Filename : BATCH\_062625\_TS.gcb  
 Date Acquired : 6/26/2025 5:59:07 PM  
 Date Processed : 6/26/2025 6:05:08 PM  
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	227694	64215
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	225616	84145
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AS

# Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662

Shimadzu HS-20 Serial Number: C12595700014

LabSolutions Version 6.117

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	INT STD BLK 1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4766 - INT STD BLK 1_6262025_001.gcd	0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_061825_TS.gcm	767 - MULTI-COMP MIX_6262025_002.gcd	1
3	INT STD BLK 2	0:Unknown	ALCOHOL_061825_TS.gcm	1-4768 - INT STD BLK 2_6262025_003.gcd	0
4	QC1-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4769 - QC1-1_6262025_004.gcd	0
5	QC1-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	1-4770 - QC1-1-B_6262025_005.gcd	0
6	0.08 QA	0:Unknown	ALCOHOL_061825_TS.gcm	1-4771 - 0.08 QA_6262025_006.gcd	0
7	0.08 QA - B	0:Unknown	ALCOHOL_061825_TS.gcm	1-4772 - 0.08 QA - B_6262025_007.gcd	0
8	M2025-2362-4	0:Unknown	ALCOHOL_061825_TS.gcm	1-4773 - M2025-2362-4_6262025_008.gcd	0
9	M2025-2362-4-B	0:Unknown	ALCOHOL_061825_TS.gcm	4774 - M2025-2362-4-B_6262025_009.gcd	0
10	P2025-1805-3	0:Unknown	ALCOHOL_061825_TS.gcm	1-4775 - P2025-1805-3_6262025_010.gcd	0
11	P2025-1805-3-B	0:Unknown	ALCOHOL_061825_TS.gcm	4776 - P2025-1805-3-B_6262025_011.gcd	0
12	P2025-1812-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4777 - P2025-1812-1_6262025_012.gcd	0
13	P2025-1812-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4778 - P2025-1812-1-B_6262025_013.gcd	0
14	P2025-1813-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4779 - P2025-1813-1_6262025_014.gcd	0
15	P2025-1813-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4780 - P2025-1813-1-B_6262025_015.gcd	0
16	P2025-1814-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4781 - P2025-1814-1_6262025_016.gcd	0
17	P2025-1814-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4782 - P2025-1814-1-B_6262025_017.gcd	0
18	P2025-1815-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4783 - P2025-1815-1_6262025_018.gcd	0
19	P2025-1815-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4784 - P2025-1815-1-B_6262025_019.gcd	0
20	P2025-1816-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4785 - P2025-1816-1_6262025_020.gcd	0
21	P2025-1816-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4786 - P2025-1816-1-B_6262025_021.gcd	0
22	P2025-1817-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4787 - P2025-1817-1_6262025_022.gcd	0
23	P2025-1817-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4788 - P2025-1817-1-B_6262025_023.gcd	0
24	P2025-1823-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4789 - P2025-1823-1_6262025_024.gcd	0
25	P2025-1823-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4790 - P2025-1823-1-B_6262025_025.gcd	0
26	QC2-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4791 - QC2-1_6262025_026.gcd	0
27	QC2-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	1-4792 - QC2-1-B_6262025_027.gcd	0
28	P2025-1824-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4793 - P2025-1824-1_6262025_028.gcd	0
29	P2025-1824-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4794 - P2025-1824-1-B_6262025_029.gcd	0
30	P2025-1825-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4795 - P2025-1825-1_6262025_030.gcd	0
31	P2025-1825-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4796 - P2025-1825-1-B_6262025_031.gcd	0
32	P2025-1826-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4797 - P2025-1826-1_6262025_032.gcd	0
33	P2025-1826-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4798 - P2025-1826-1-B_6262025_033.gcd	0
34	P2025-1836-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4799 - P2025-1836-1_6262025_034.gcd	0
35	P2025-1836-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4800 - P2025-1836-1-B_6262025_035.gcd	0
36	P2025-1842-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4801 - P2025-1842-1_6262025_036.gcd	0
37	P2025-1842-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4802 - P2025-1842-1-B_6262025_037.gcd	0
38	P2025-1842-2	0:Unknown	ALCOHOL_061825_TS.gcm	1-4803 - P2025-1842-2_6262025_038.gcd	0
39	P2025-1842-2-B	0:Unknown	ALCOHOL_061825_TS.gcm	4804 - P2025-1842-2-B_6262025_039.gcd	0
40	P2025-1846-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4805 - P2025-1846-1_6262025_040.gcd	0
41	P2025-1846-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4806 - P2025-1846-1-B_6262025_041.gcd	0
42	P2025-1847-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4807 - P2025-1847-1_6262025_042.gcd	0
43	P2025-1847-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4808 - P2025-1847-1-B_6262025_043.gcd	0
44	P2025-1854-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4809 - P2025-1854-1_6262025_044.gcd	0
45	P2025-1854-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4810 - P2025-1854-1-B_6262025_045.gcd	0
46	P2025-1857-1	0:Unknown	ALCOHOL_061825_TS.gcm	1-4811 - P2025-1857-1_6262025_046.gcd	0
47	P2025-1857-1-B	0:Unknown	ALCOHOL_061825_TS.gcm	4812 - P2025-1857-1-B_6262025_047.gcd	0
48	QC1-2	0:Unknown	ALCOHOL_061825_TS.gcm	1-4813 - QC1-2_6262025_048.gcd	0
49	QC1-2-B	0:Unknown	ALCOHOL_061825_TS.gcm	1-4814 - QC1-2-B_6262025_049.gcd	0
50	INT STD BLK 3	0:Unknown	ALCOHOL_061825_TS.gcm	1-4815 - INT STD BLK 3_6262025_050.gcd	0
51	DFE	0:Unknown	ALCOHOL_061825_TS.gcm	1-4816 - DFE_6262025_051.gcd	0
52	INT STD BLK 4	0:Unknown	ALCOHOL_061825_TS.gcm	1-4817 - INT STD BLK 4_6262025_052.gcd	0

TS