

Worklist: 6903

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-2434	1	BCK	Alcohol Analysis	
P2024-2472	1	BCK	Alcohol Analysis	
P2024-2475	1	BCK	Alcohol Analysis	
P2024-2476	1	BCK	Alcohol Analysis	
P2024-2477	1	BCK	Alcohol Analysis	
P2024-2483	1	BCK	Alcohol Analysis	
P2024-2498	1	BCK	Alcohol Analysis	
P2024-2506	1	BCK	Alcohol Analysis	
P2024-2511	1	BCK	Alcohol Analysis	
P2024-2513	1	BCK	Alcohol Analysis	
P2024-2533	1	BCK	Alcohol Analysis	
P2024-2544	1	BCK	Alcohol Analysis	
P2024-2545	1	BCK	Alcohol Analysis	
P2024-2546	1	BCK	Alcohol Analysis	
P2024-2550	1	BCK	Alcohol Analysis	
P2024-2551	1	BCK	Alcohol Analysis	
P2024-2555	1	BCK	Alcohol Analysis	
P2024-2558	1	BCK	Alcohol Analysis	
P2024-2566	1	BCK	Alcohol Analysis	

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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): 08/20/2024

Calibration Date: (if different)

Worklist #: 6903

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0825 g/100cc 0.0908 g/100cc g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2145 g/100cc g/100cc g/100cc
Multi-Component mixture:		Exp: 2024-October	Lot #	FN06041902	
Curve Fit:		Column 1	0.99994	Column2	0.99992

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	0.0515	0.0005	0.0512
100	0.100	0.090 - 0.110	0.1003	0.1002	0.0001	0.1002
200	0.200	0.180 - 0.220	0.1989	0.1985	0.0004	0.1987
300	0.300	0.270 - 0.330	0.2983	0.2983	0	0.2983
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5012	0.5013	1E-04	0.5012

Aqueous Controls

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

REVIEWED
By Rachel Cutler at 10:28 am, Aug 22, 2024



Internal Standard Monitoring Worksheet

Worklist #: 6903 **Run Date(s):** 08/20/2024

Internal Standard Solution: **Prep Date:** 8/15/2024 **Exp Date:** 2/15/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	178440	180234
0.080	177005	178839
QC1	179045	180722
QC1	177660	179438
QC1	192630	194965
QC1	192854	195231
QC1		
QC1		
QC2	179544	181116
QC2	180565	182257
QC2		
QC2		
QC2		
QC2		

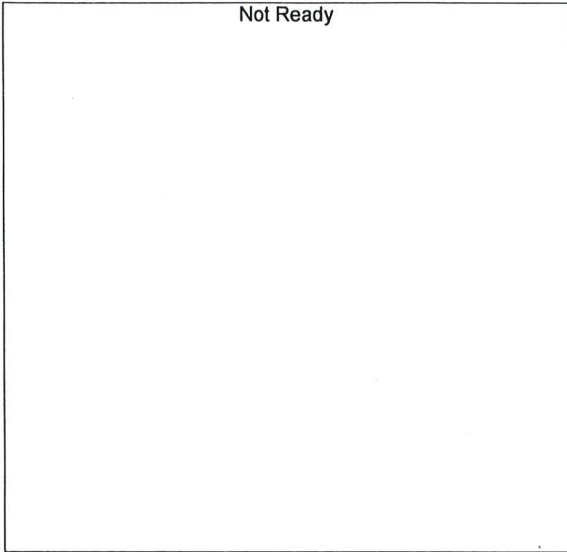
Average	(-)20%	(+)20%
Column 1	182217.9	218661.5
Column 2	184100.3	220920.3



Calibration Table

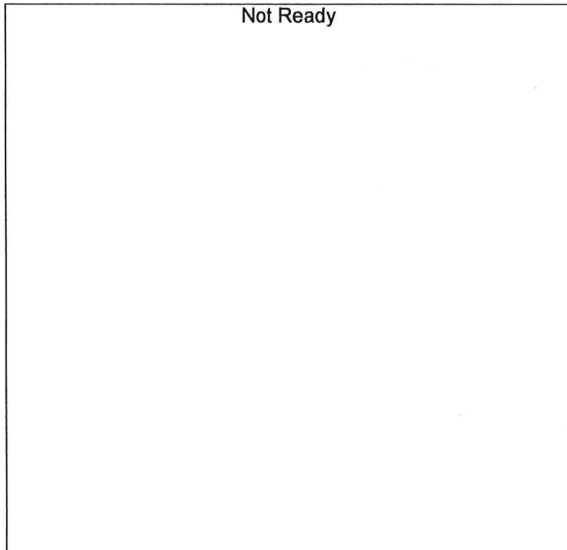
Laboratory: Pocatello
 Instrument Name :: GC SN- C12255850662 / HS SN- C12595700014

<<Data File>>
 Method File :Default Project - ALCOHOL_082024_TS.gcm
 Batch File :Default Project - BATCH_082024_TS.gcb
 Date Acquired :8/20/2024 12:51:22 PM
 Date Created :8/20/2024 12:47:50 PM
 Date Modified :8/21/2024 8:42:07 AM



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

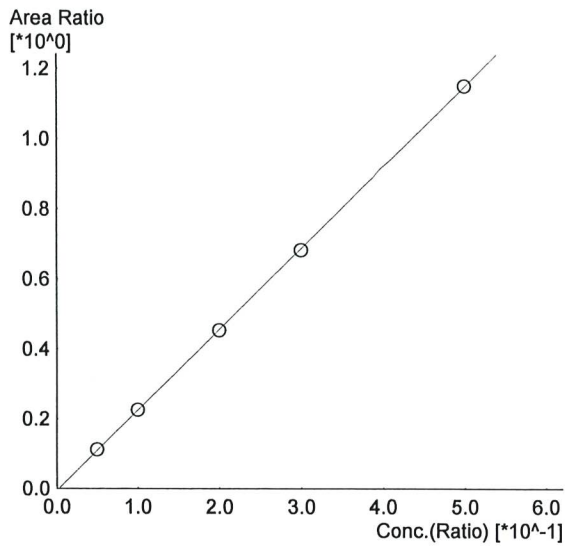
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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15



Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.30623*x-0.00589432$
 R² value= 0.9999490
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19677	0.0510	0.050_8202024_001.gcd
2	0.100	39534	0.1003	0.100_8202024_002.gcd
3	0.200	80247	0.1989	0.200_8202024_003.gcd
4	0.300	121171	0.2983	0.300_8202024_004.gcd
5	0.500	205156	0.5012	0.500_8202024_005.gcd



Name : ISOPROPYL ALCOHOL
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETONE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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

Not Ready

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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Not Ready

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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Not Ready

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

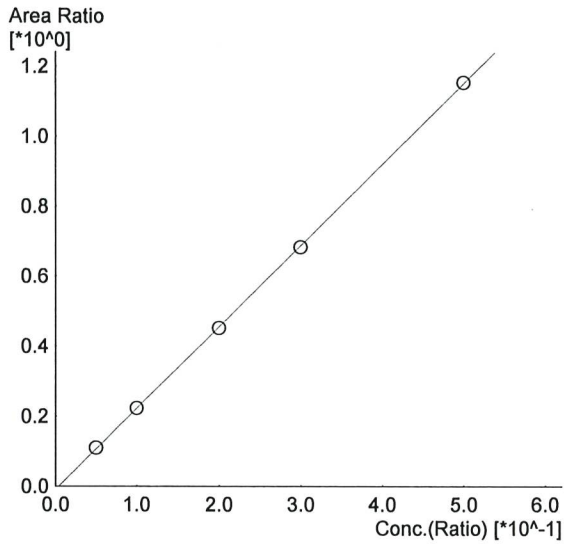
#	Conc.	Area	Std. Conc.	Data File Name
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B



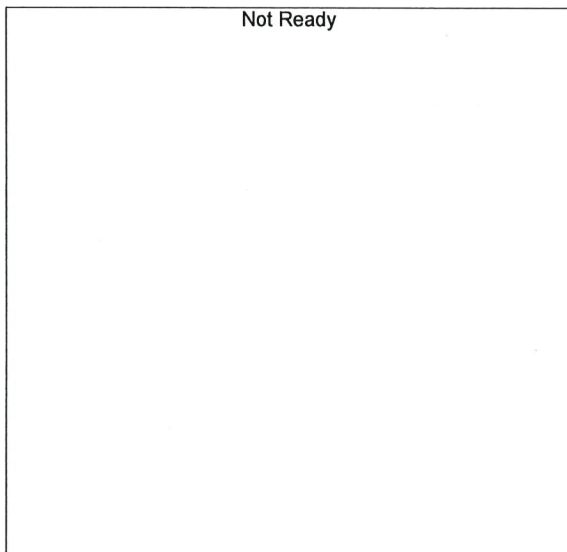
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.32077*x-0.00956239$
 R² value= 0.9999294 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19505	0.0515	0.050_8202024_001.gcd
2	0.100	39482	0.1002	0.100_8202024_002.gcd
3	0.200	80722	0.1985	0.200_8202024_003.gcd
4	0.300	122477	0.2983	0.300_8202024_004.gcd
5	0.500	208013	0.5013	0.500_8202024_005.gcd



Name : ACETONE
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Not Ready

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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Not Ready

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

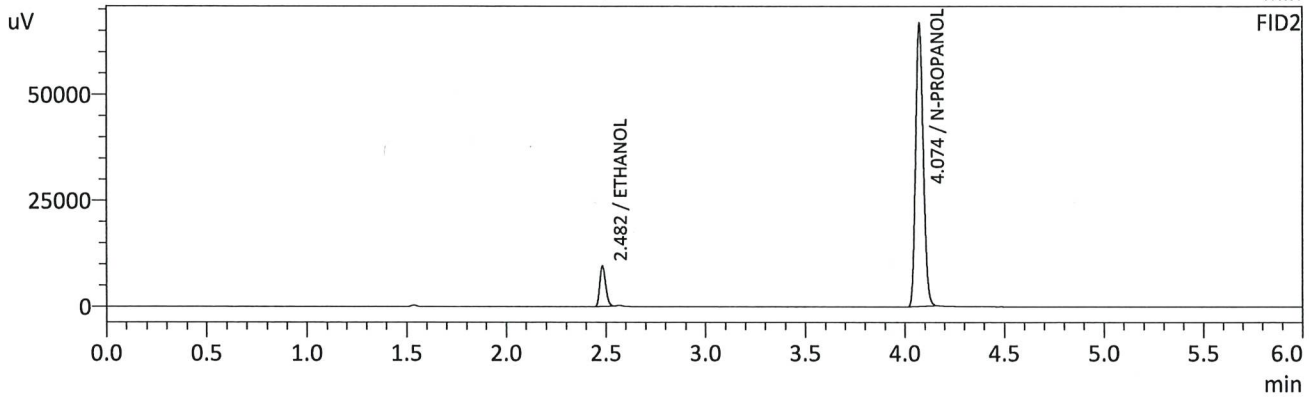
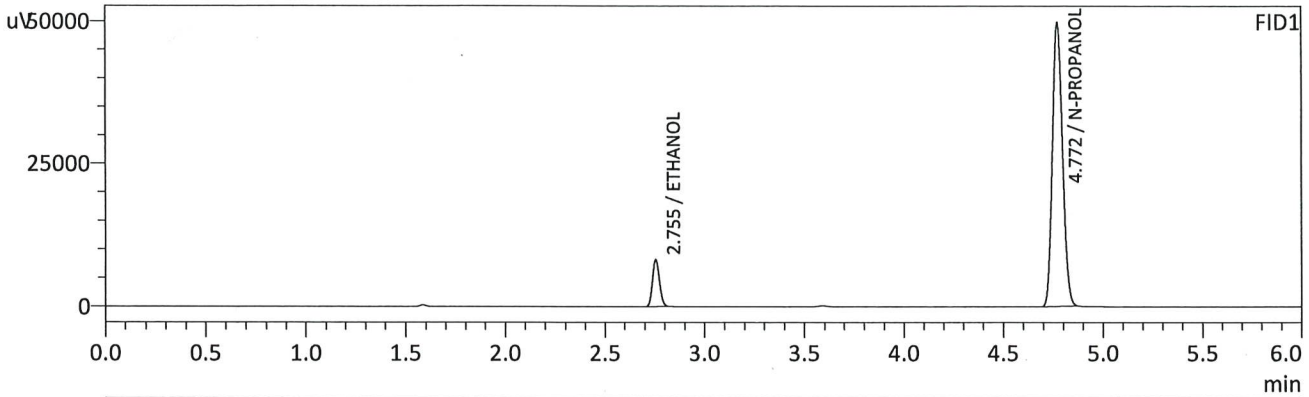
#	Conc.	Area	Std. Conc.	Data File Name
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Not Ready

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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Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_8202024_001.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 12:13:15 PM
 Date Processed : 8/21/2024 8:41:53 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

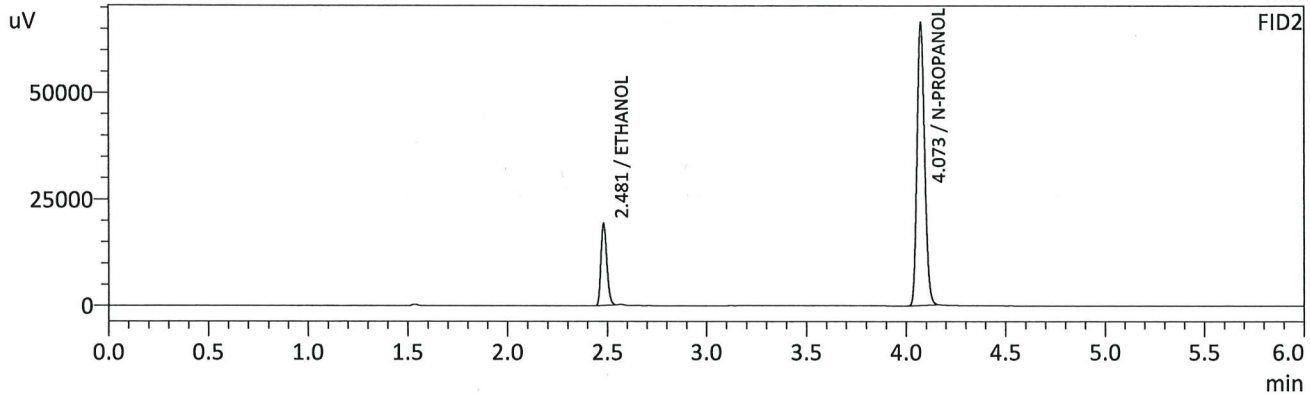
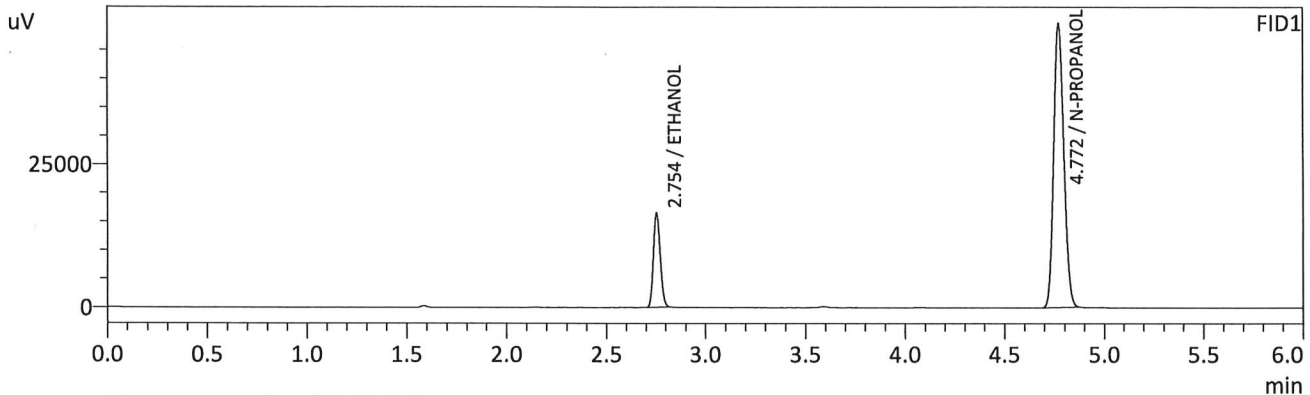
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0510	g/100cc	19677	8164
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175779	49742
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0515	g/100cc	19505	9406
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177323	66428
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_8202024_002.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 12:22:45 PM
 Date Processed : 8/21/2024 8:41:57 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

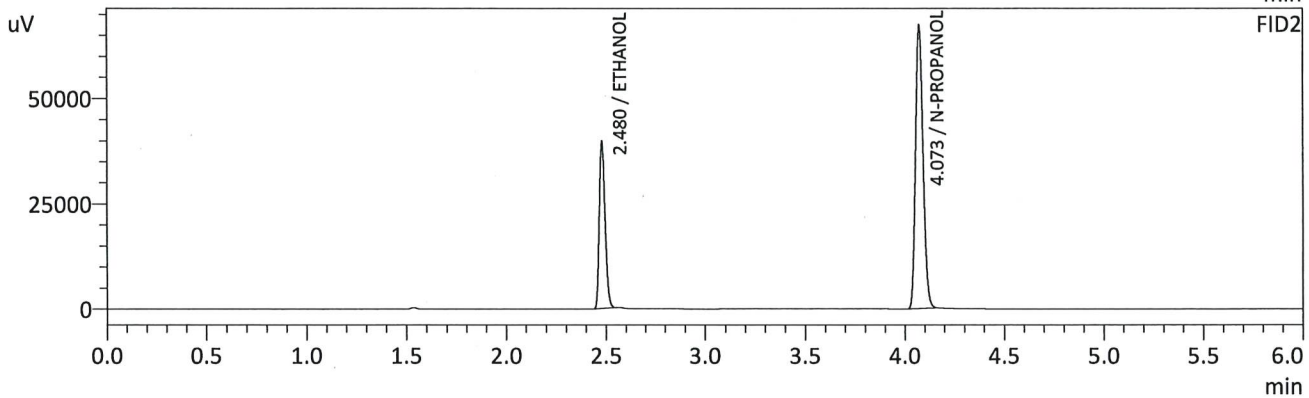
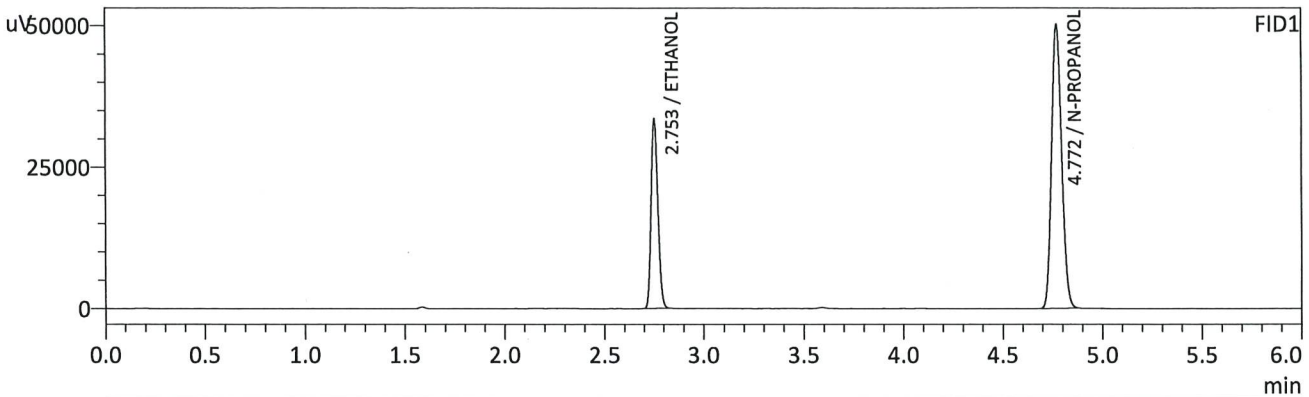
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	39534	16370
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175238	49644
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1002	g/100cc	39482	19250
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177045	66203
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_8202024_003.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 12:32:06 PM
 Date Processed : 8/21/2024 8:42:00 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

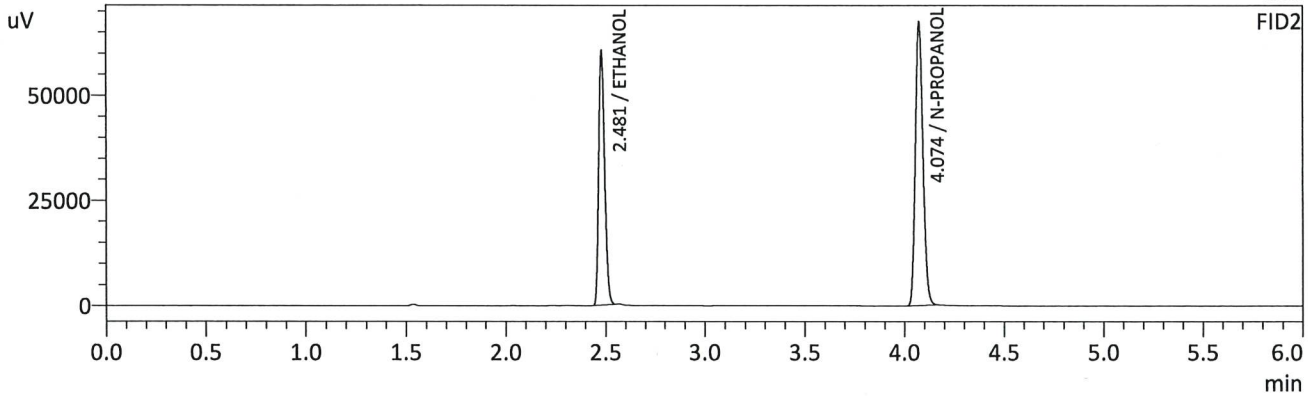
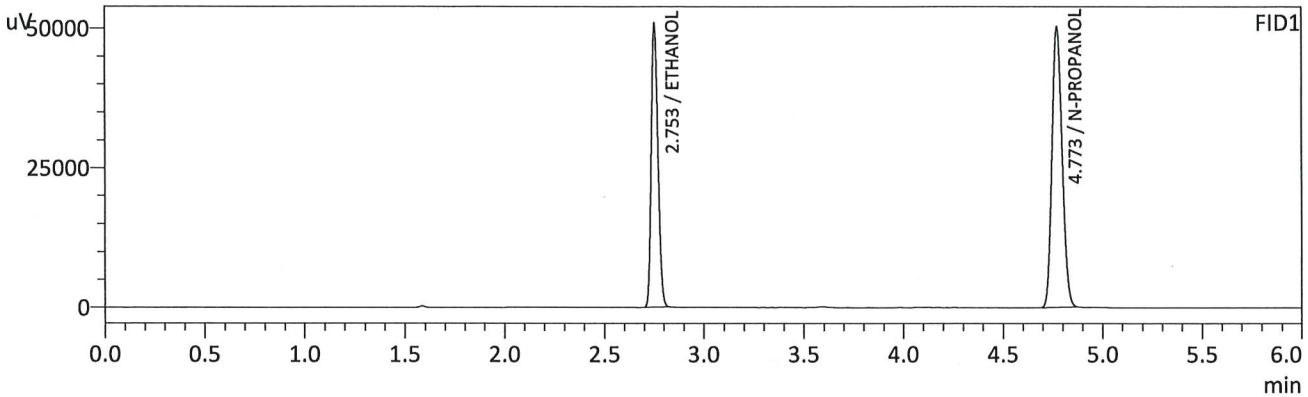
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1989	g/100cc	80247	33281
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177192	50166
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1985	g/100cc	80722	39632
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178913	67092
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_8202024_004.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 12:41:49 PM
 Date Processed : 8/21/2024 8:42:04 AM
 Instrument : GC SN- C1225850662 / HS SN- C12595700014



FID1

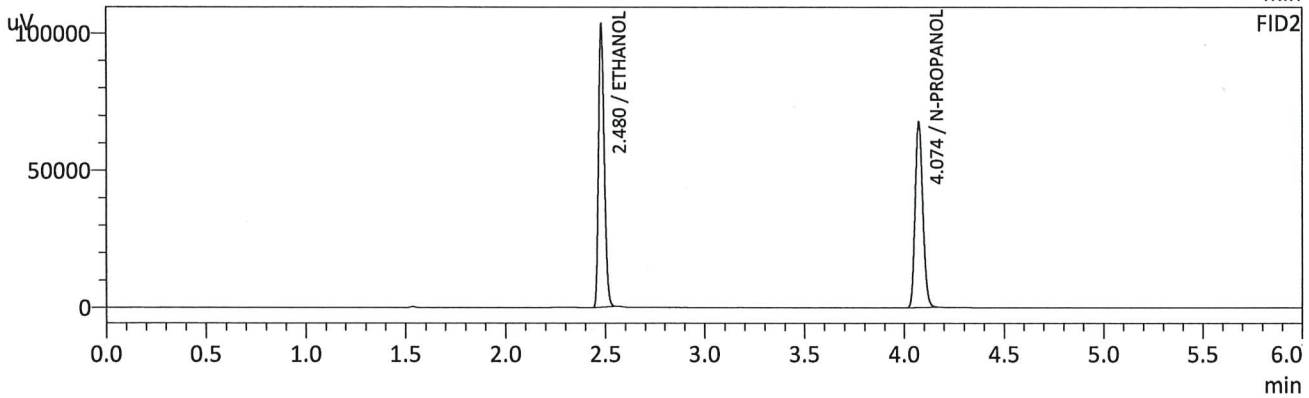
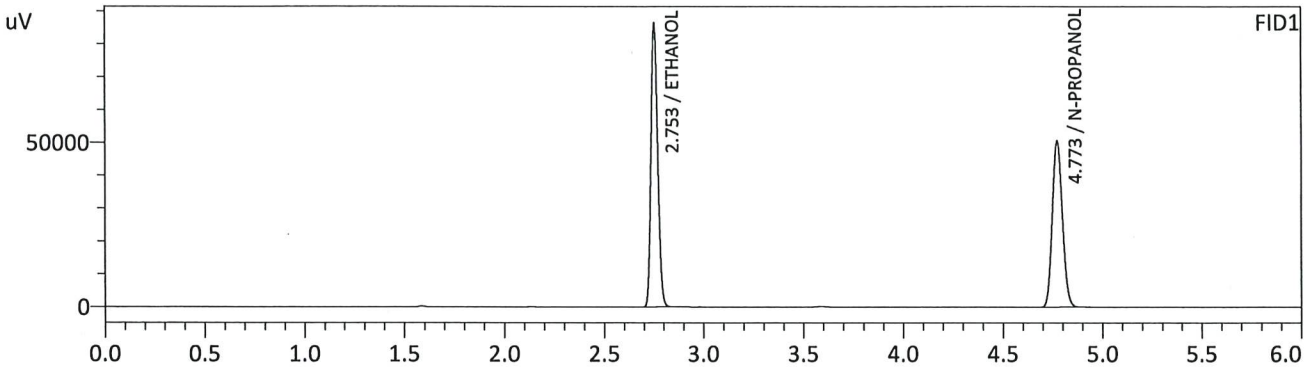
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2983	g/100cc	121171	50419
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177600	50220
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2983	g/100cc	122477	60300
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179350	66706
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_8202024_005.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 12:51:22 PM
 Date Processed : 8/21/2024 8:42:07 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

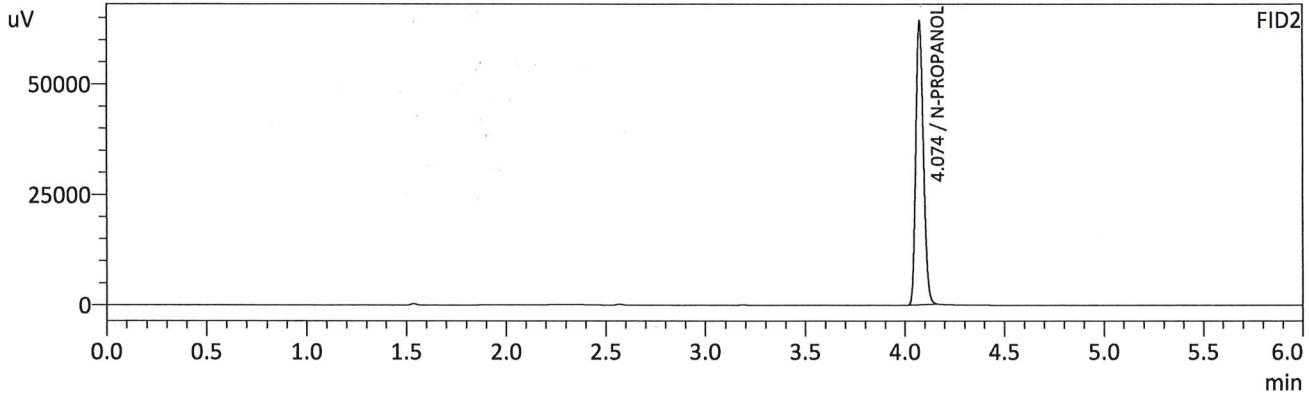
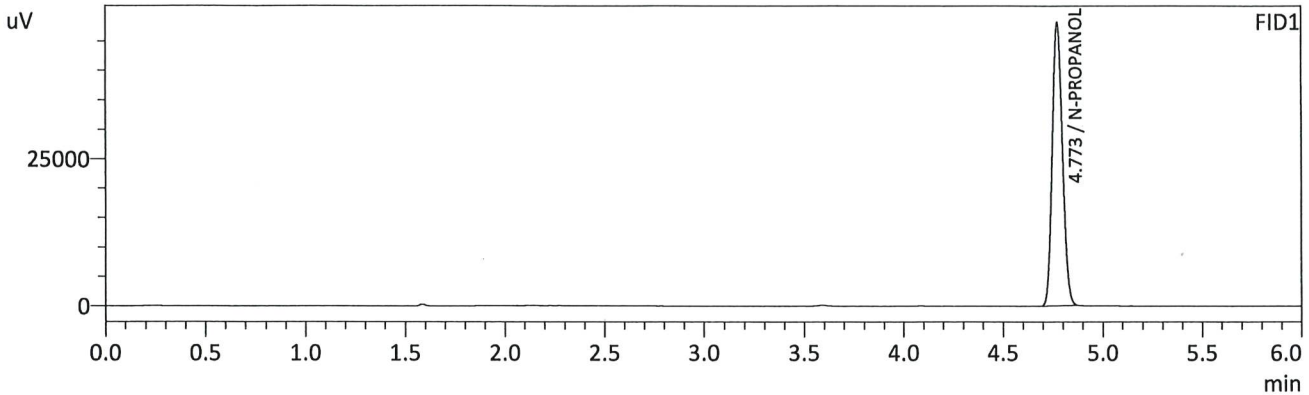
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5012	g/100cc	205156	85861
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178395	50502
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5013	g/100cc	208013	102885
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180254	67210
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_8202024_006.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 1:00:39 PM
 Date Processed : 8/20/2024 1:06:40 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

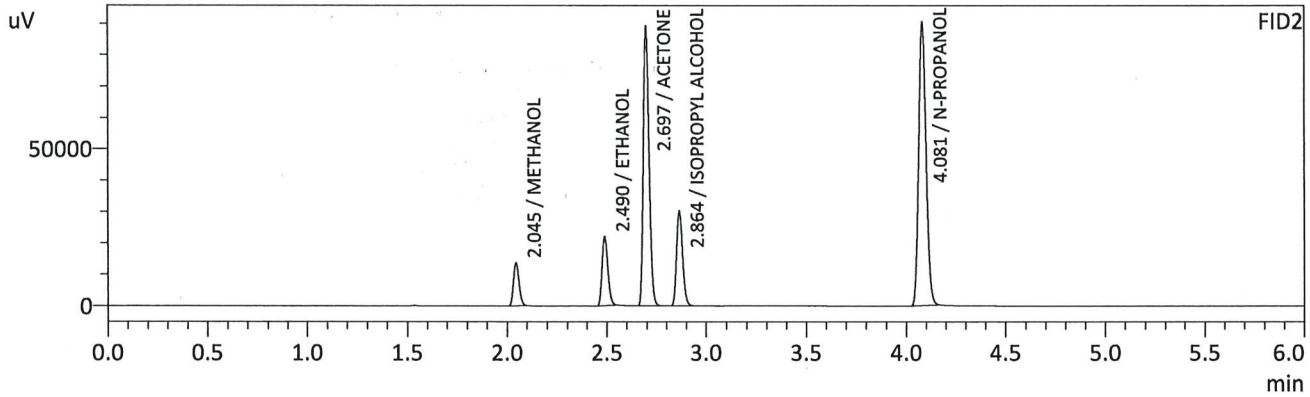
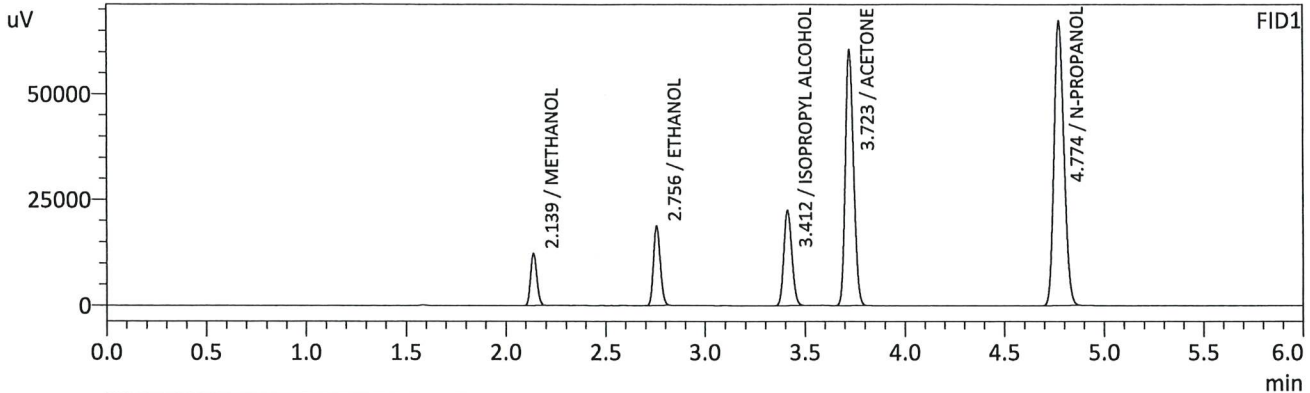
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169981	48075
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

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	171589	63647
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_8202024_007.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 1:10:23 PM
 Date Processed : 8/20/2024 1:16:24 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

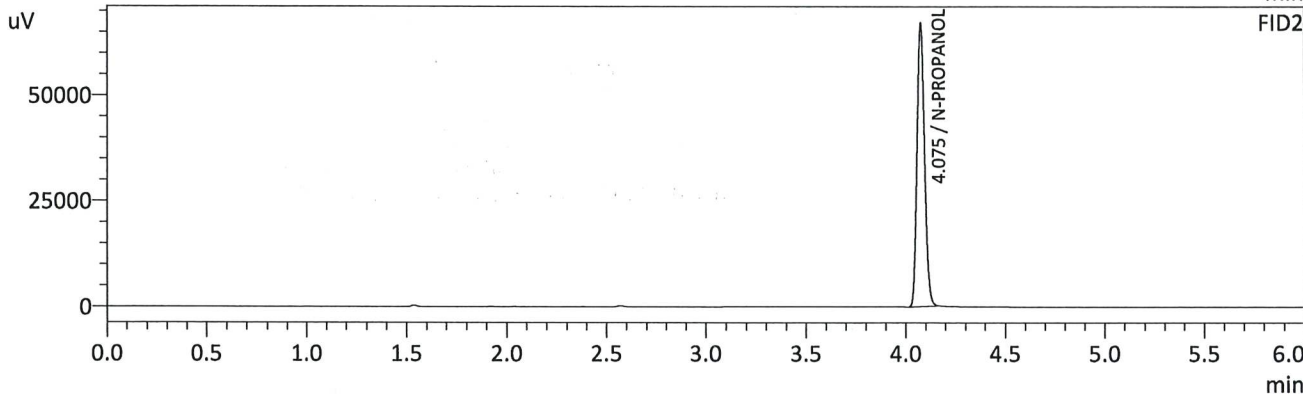
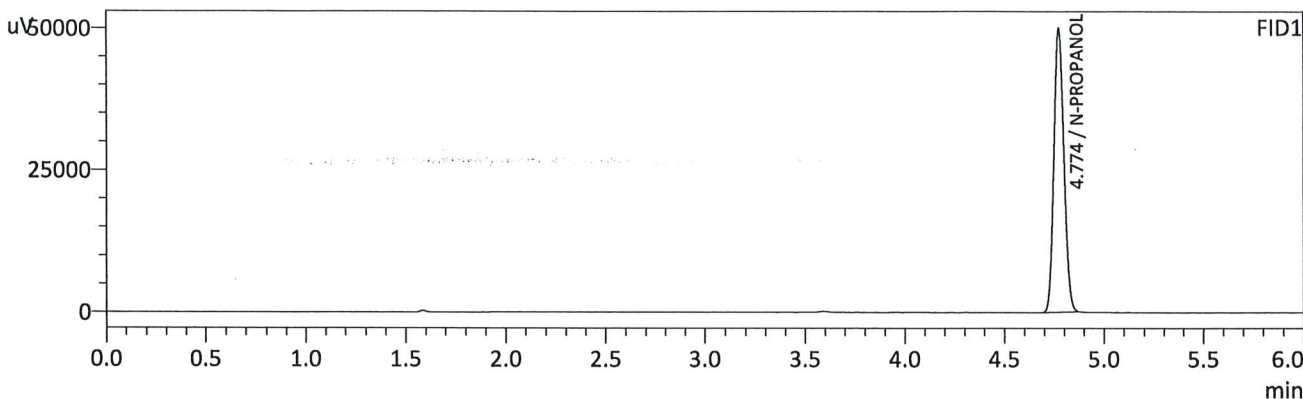
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	26002	12181
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0845	g/100cc	44386	18715
ISOPROPYL ALCOHOL	0.0000	g/100cc	63104	22258
ACETONE	0.0000	g/100cc	174008	60363
N-PROPANOL	0.0000	g/100cc	234808	66956
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	26568	13484
ETHANOL	0.0847	g/100cc	44198	21850
ACETONE	0.0000	g/100cc	179318	88139
ISOPROPYL ALCOHOL	0.0000	g/100cc	63718	29970
N-PROPANOL	0.0000	g/100cc	236104	90281
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_8202024_008.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 1:19:56 PM
 Date Processed : 8/20/2024 1:25:57 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	176199	49876
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	177837	66734
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 8/20/2024 1:29:16 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0825	0.0825	0.0000	0.0825	0.0001	0.0825
(g/100cc)	0.0827	0.0826	0.0001	0.0826		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_082024_TS.gcm

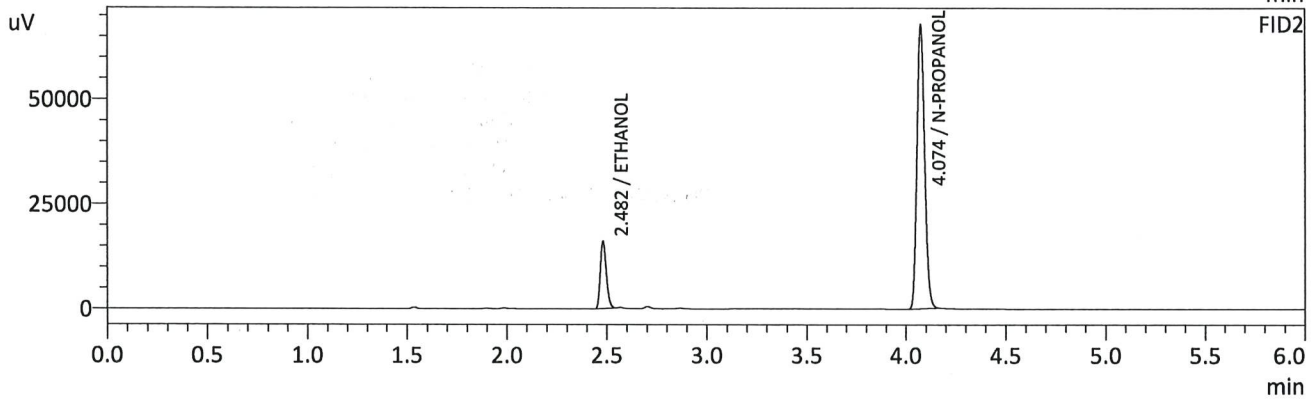
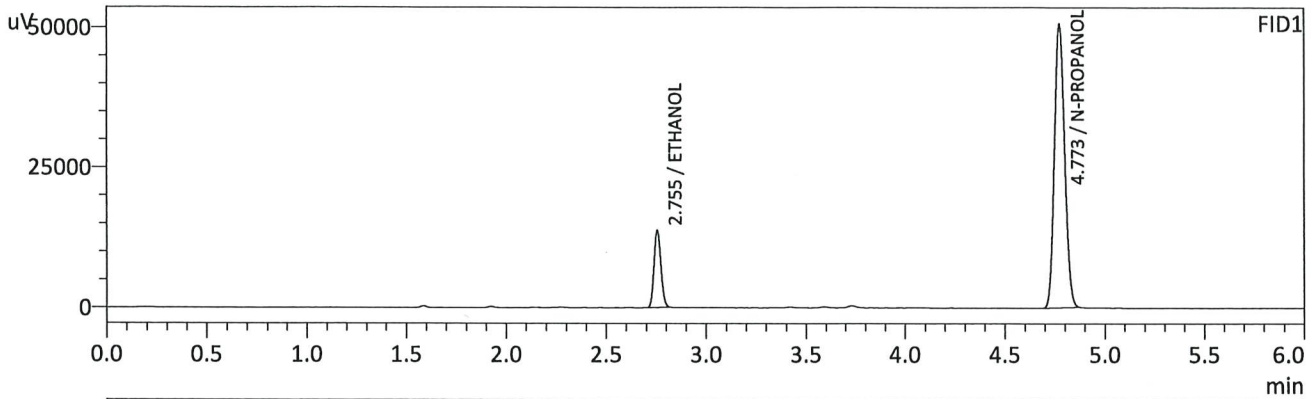
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

	Reported Results
	0.082

Calibration and control data are stored centrally.

B

Sample Name : QC1-1
 Vial # : 9
 Data Filename : QC1-1_8202024_009.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 1:29:16 PM
 Date Processed : 8/20/2024 1:35:17 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

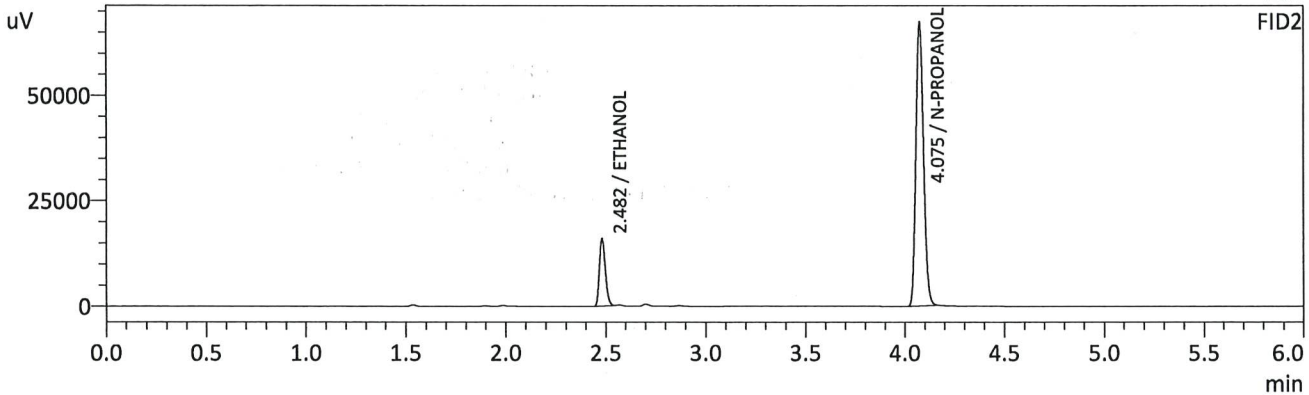
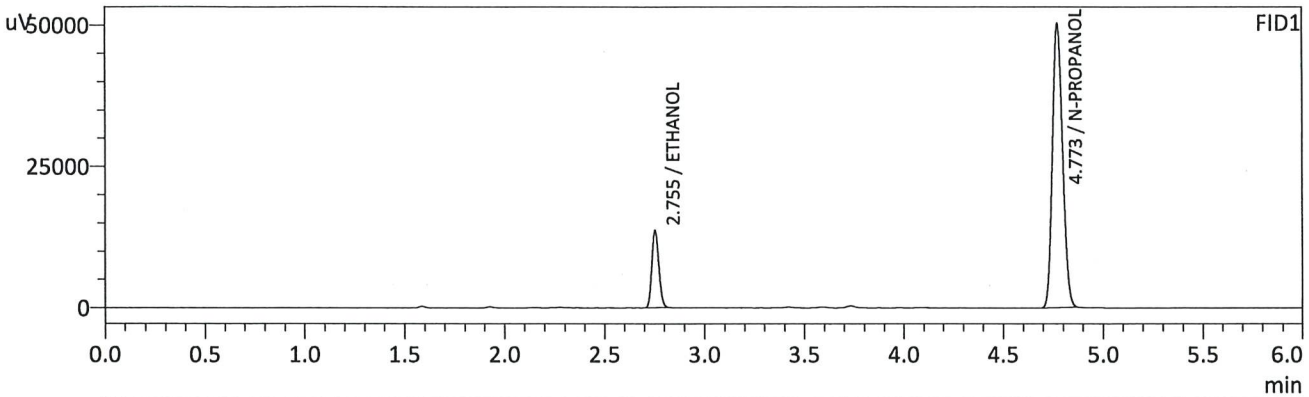
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0825	g/100cc	33031	13693
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179045	50560
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0825	g/100cc	32902	15973
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180722	67128
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : QC1-1-B
 Vial # : 10
 Data Filename : QC1-1-B_8202024_010.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 1:39:02 PM
 Date Processed : 8/20/2024 1:45:03 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0827	g/100cc	32844	13623
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177660	50201
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0826	g/100cc	32683	15840
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179438	66808
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): 8/20/2024 4:06:54 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0801	0.0000	0.0801	0.0004	0.0803
(g/100cc)	0.0806	0.0805	0.0001	0.0805		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_082024_TS.gcm

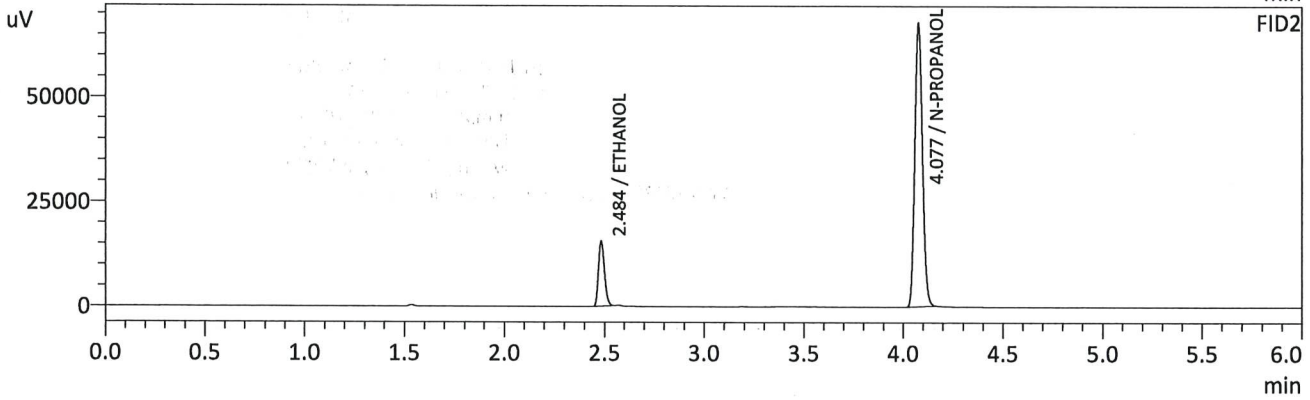
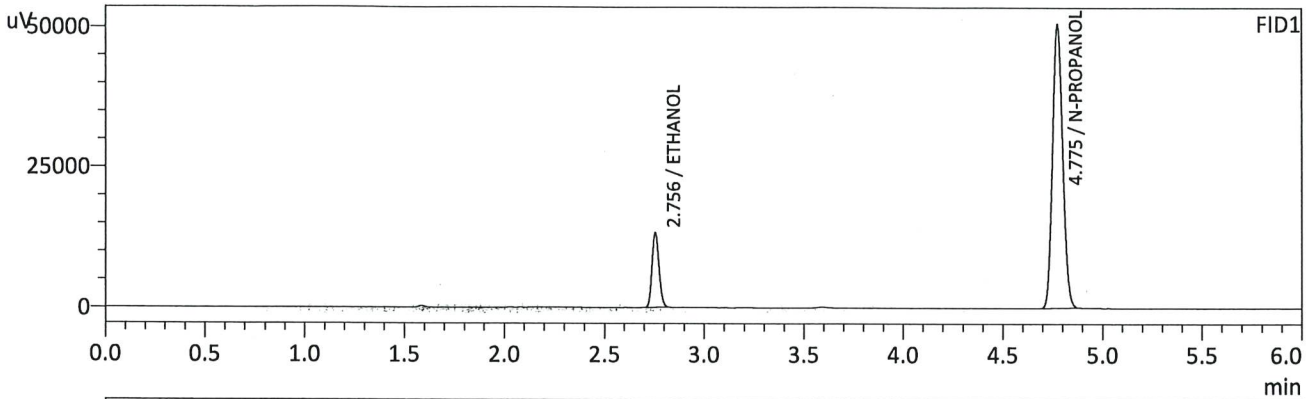
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results	
0.080	

Calibration and control data are stored centrally.

TS

Sample Name : 0.08 QA
 Vial # : 11
 Data Filename : 0.08 QA_8202024_001.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 4:06:54 PM
 Date Processed : 8/20/2024 4:12:56 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

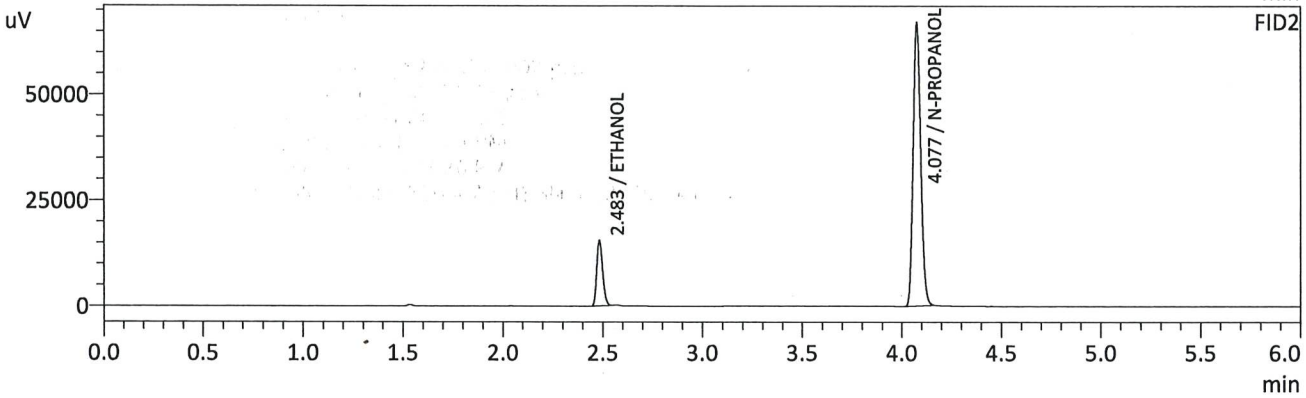
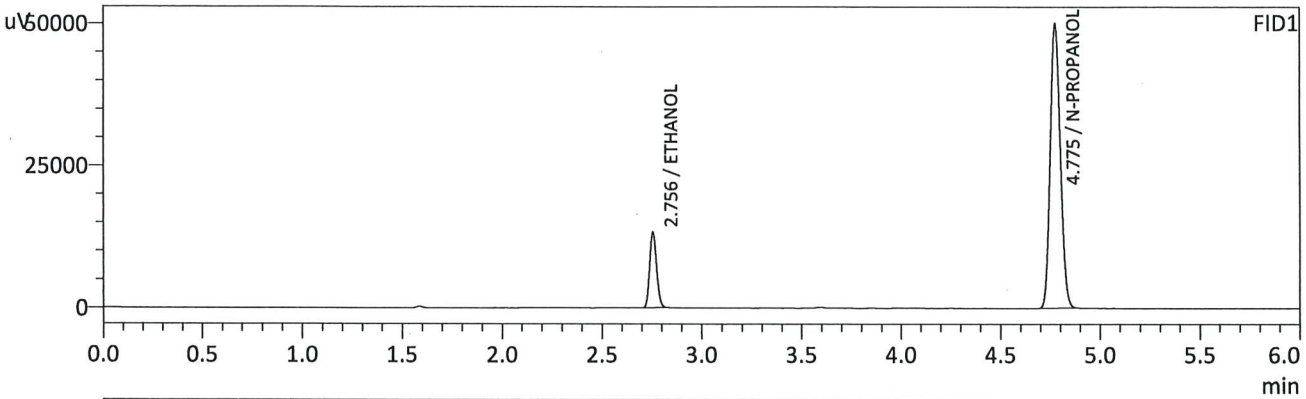
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0801	g/100cc	31952	13295
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178440	50512
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0801	g/100cc	31805	15339
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180234	67660
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_8202024_002.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 4:16:24 PM
 Date Processed : 8/20/2024 4:22:26 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0806	g/100cc	31881	13261
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177005	49931
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0805	g/100cc	31739	15266
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178839	66944
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 8/20/2024 6:58:15 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2136	0.2136	0.0000	0.2136	0.0019	0.2145
(g/100cc)	0.2156	0.2154	0.0002	0.2155		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_082024_TS.gcm

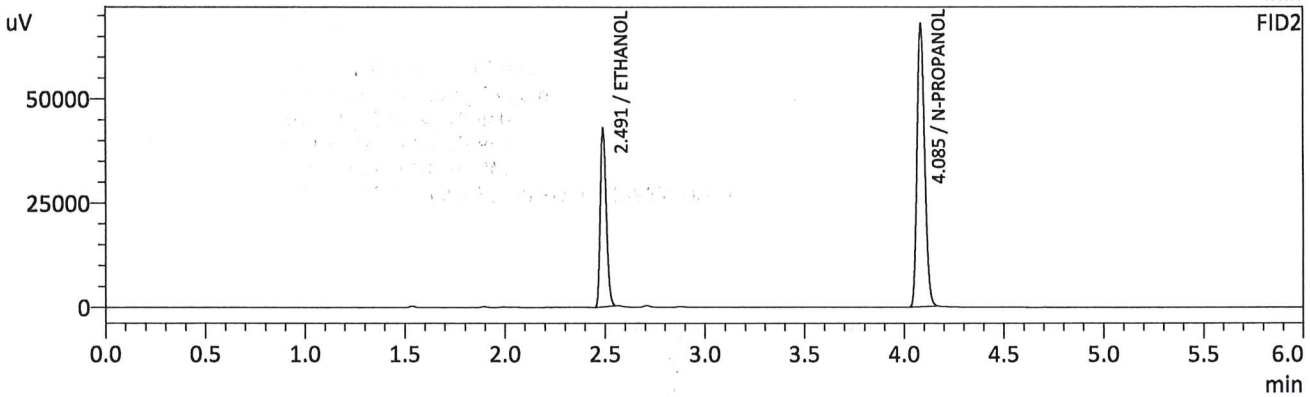
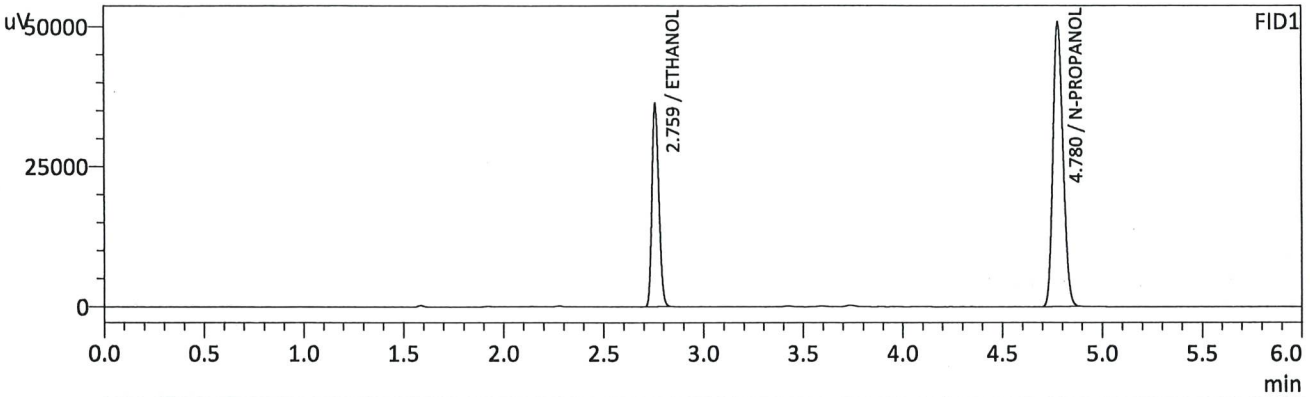
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.214	0.203	0.225	0.011

Reported Results	
0.214	

Calibration and control data are stored centrally.

TS

Sample Name : QC2-1
 Vial # : 31
 Data Filename : QC2-1_8202024_019.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 6:58:15 PM
 Date Processed : 8/20/2024 7:04:16 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

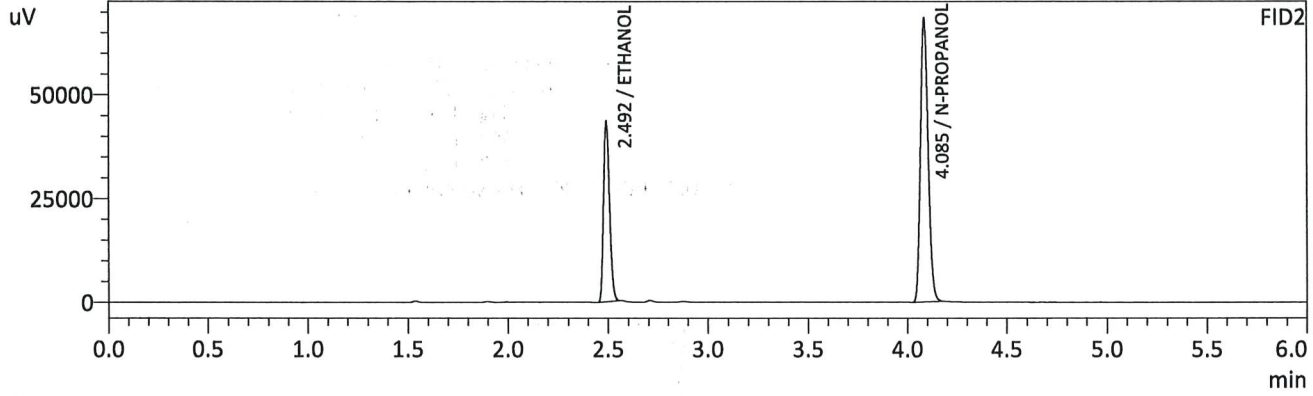
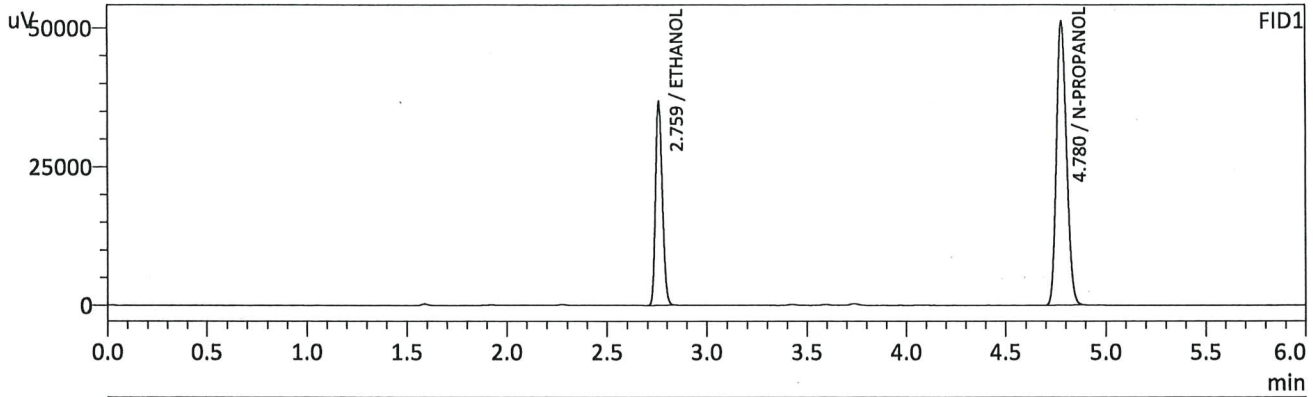
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2136	g/100cc	87410	35877
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179544	50642
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2136	g/100cc	88070	42517
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181116	67747
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC2-1-B
 Vial # : 32
 Data Filename : QC2-1-B_8202024_020.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 7:07:47 PM
 Date Processed : 8/20/2024 7:13:49 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2156	g/100cc	88722	36437
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180565	51036
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2154	g/100cc	89381	42923
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182257	68299
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2			Analysis Date(s): 8/20/2024 10:27:42 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0908	0.0903	0.0005	0.0905	0.0006	0.0908
(g/100cc)	0.0914	0.0908	0.0006	0.0911		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_082024_TS.gcm

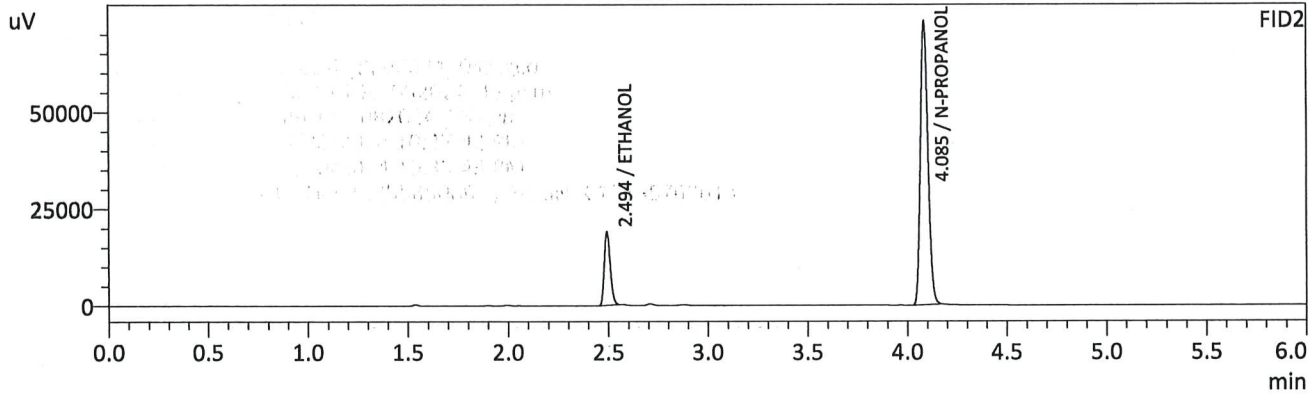
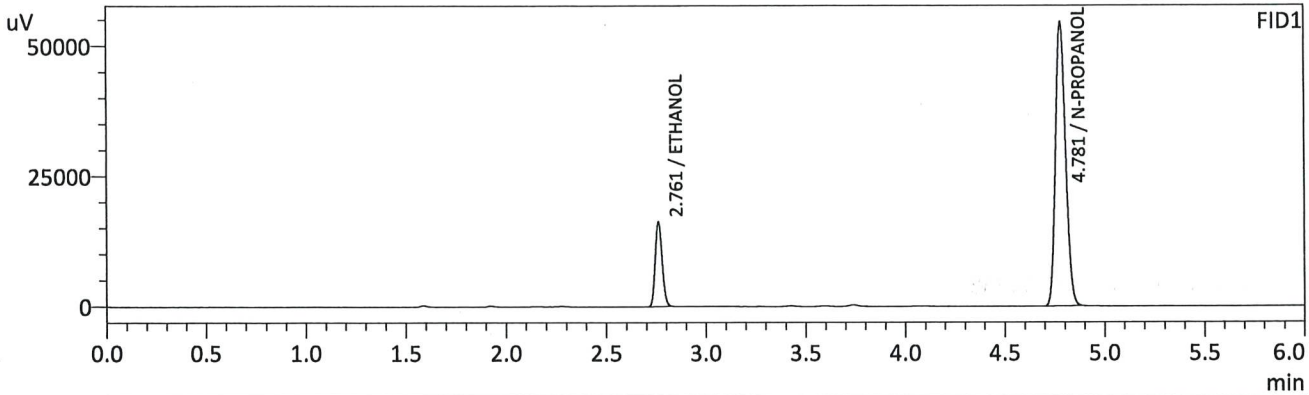
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.090	0.085	0.095	0.005

Reported Results	
0.090	

Calibration and control data are stored centrally.

B

Sample Name : QC1-2
 Vial # : 53
 Data Filename : QC1-2_8202024_041.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 10:27:42 PM
 Date Processed : 8/20/2024 10:33:43 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

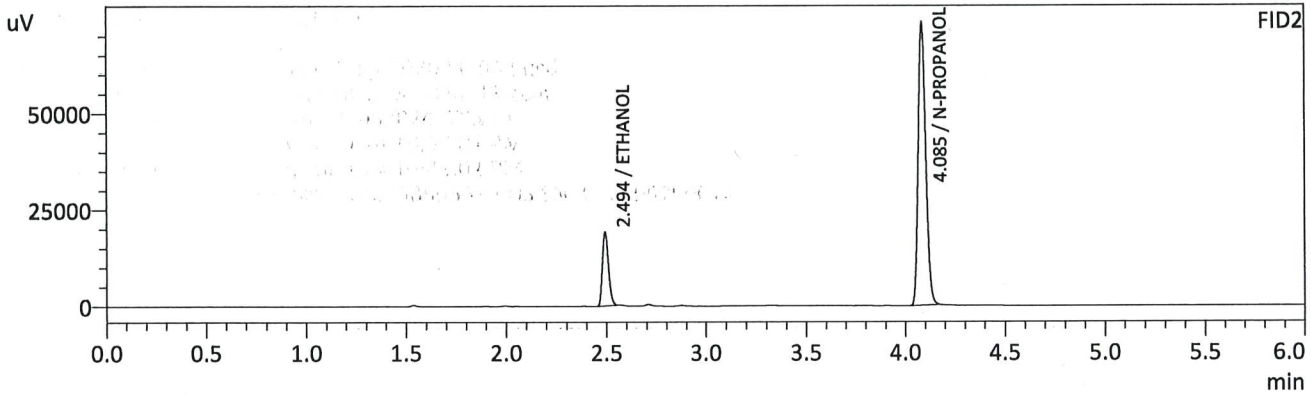
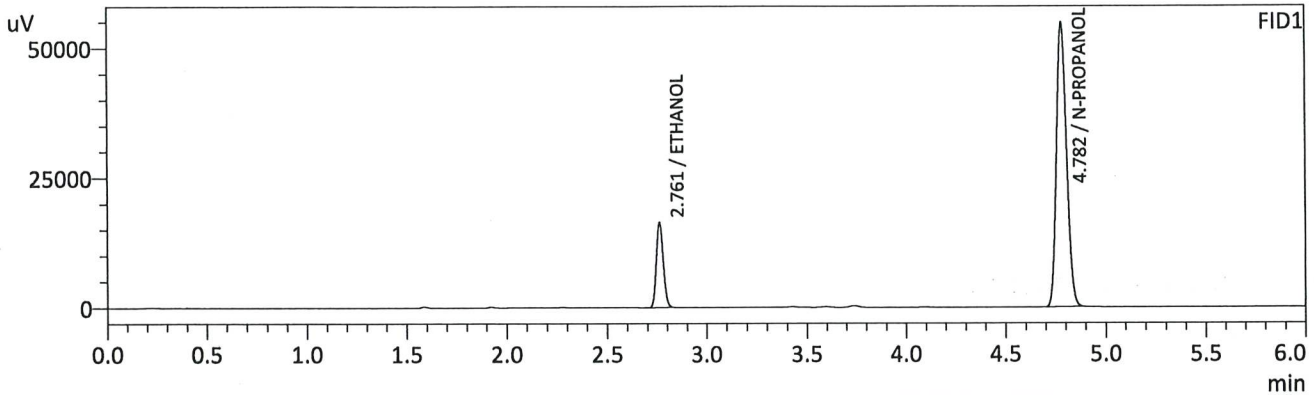
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0908	g/100cc	39212	16190
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	192630	54497
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0903	g/100cc	39004	18825
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194965	73162
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : QC1-2-B
 Vial # : 54
 Data Filename : QC1-2-B_8202024_042.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 10:37:01 PM
 Date Processed : 8/20/2024 10:43:02 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

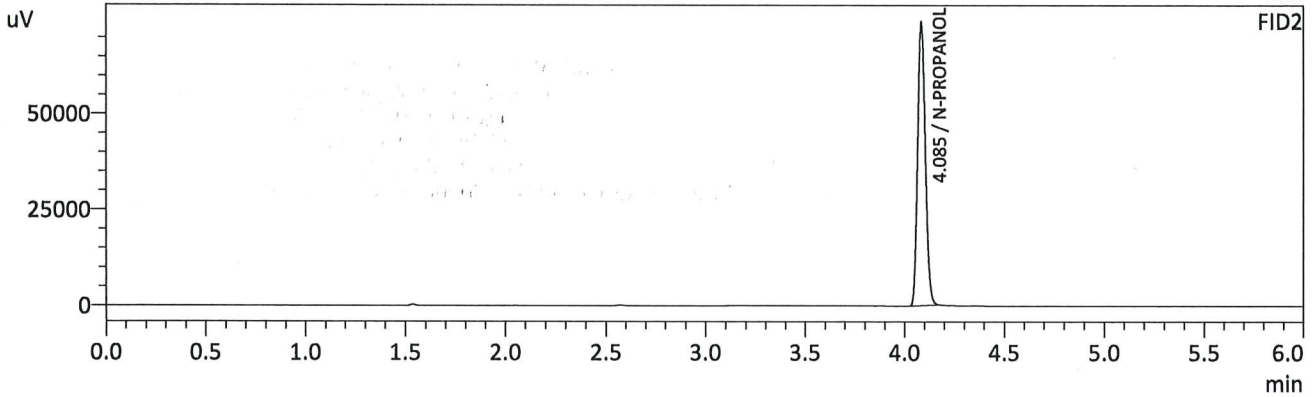
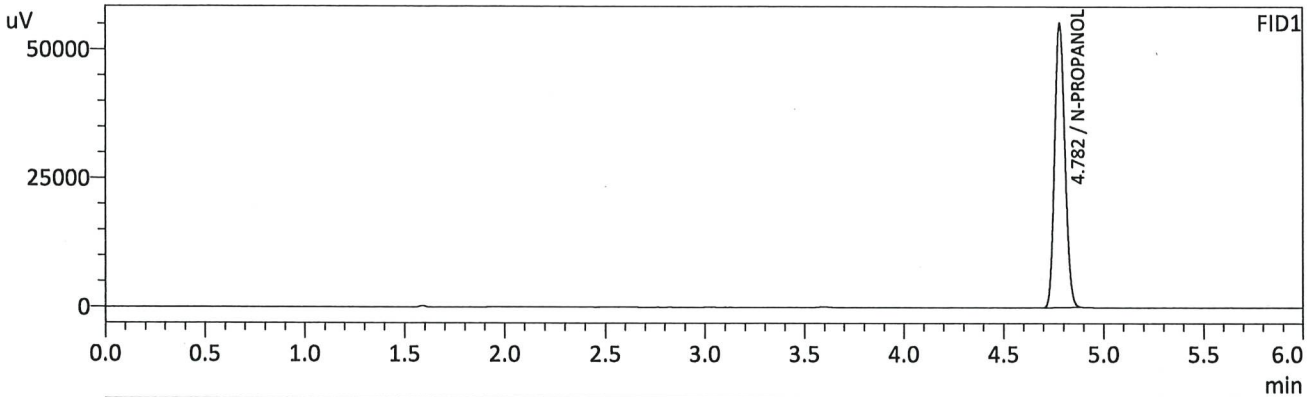
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0914	g/100cc	39529	16331
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	192854	54726
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0908	g/100cc	39314	19000
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195231	73292
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 3
 Vial # : 55
 Data Filename : INT STD BLK 3_8202024_043.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 10:46:45 PM
 Date Processed : 8/20/2024 10:52:47 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

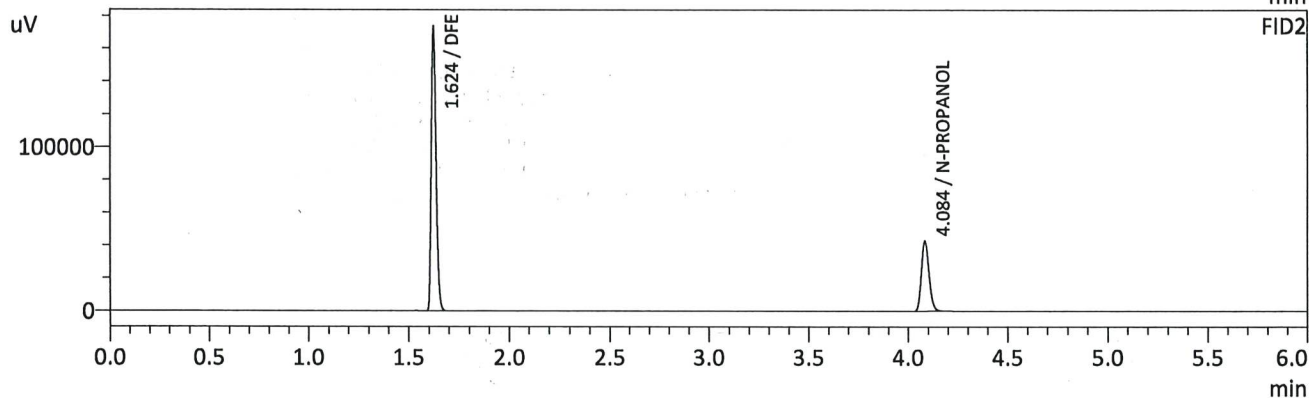
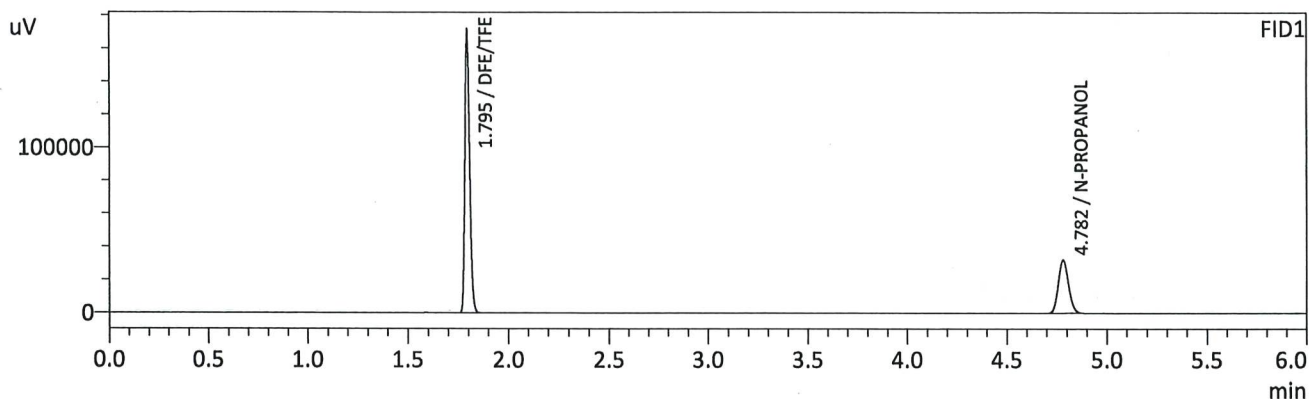
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194743	55171
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

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	197224	73899
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

IS

Sample Name : DFE
 Vial # : 56
 Data Filename : DFE_8202024_044.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 10:56:15 PM
 Date Processed : 8/20/2024 11:02:17 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

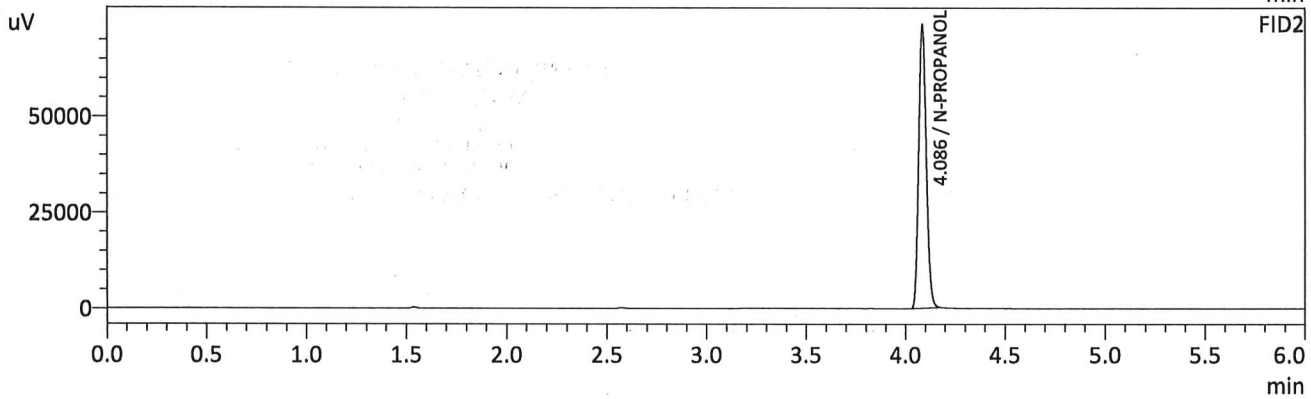
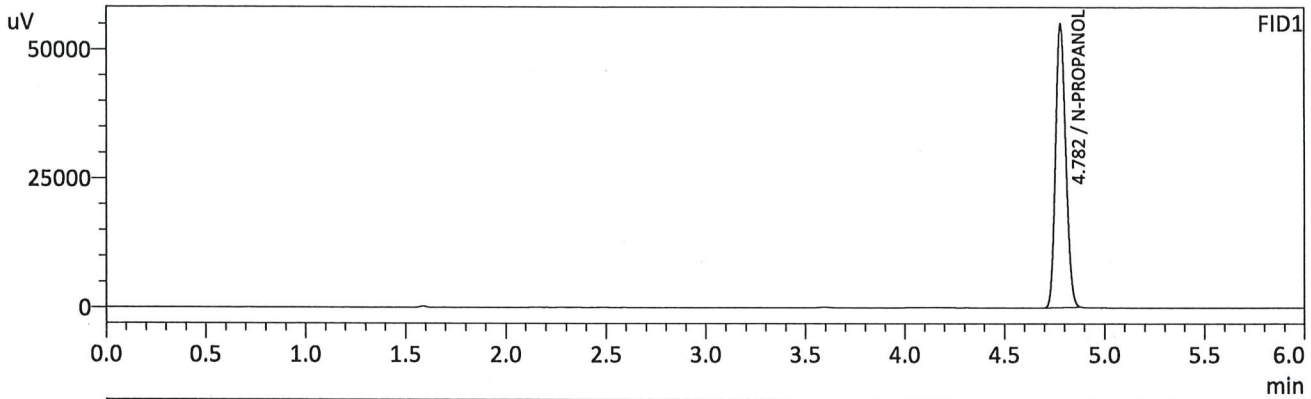
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	112452	32074
DFE/TFE	0.0000	g/100cc	283248	170544
DME	--	g/100cc	--	--

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	112612	42360
DFE	0.0000	g/100cc	284224	170653
TFE	--	g/100cc	--	--

15

Sample Name : INT STD BLK 4
 Vial # : 57
 Data Filename : INT STD BLK 4_8202024_045.gcd
 Method Filename : ALCOHOL_082024_TS.gcm
 Batch Filename : BATCH_082024_TS.gcb
 Date Acquired : 8/20/2024 11:05:33 PM
 Date Processed : 8/20/2024 11:11:35 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	194036	54986
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	196456	73845
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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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	0.050	1:Standard:(R)	ALCOHOL_082024_TS.gcm	1-3002 - 0.050_8202024_001.gcd	1
2	0.100	1:Standard:(R)	ALCOHOL_082024_TS.gcm	1-3003 - 0.100_8202024_002.gcd	2
3	0.200	1:Standard:(R)	ALCOHOL_082024_TS.gcm	1-3004 - 0.200_8202024_003.gcd	3
4	0.300	1:Standard:(R)	ALCOHOL_082024_TS.gcm	1-3005 - 0.300_8202024_004.gcd	4
5	0.500	1:Standard:(R)	ALCOHOL_082024_TS.gcm	1-3006 - 0.500_8202024_005.gcd	5
6	INT STD BLK 1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3007 - INT STD BLK 1_8202024_006.gcd	0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_082024_TS.gcm	008 - MULTI-COMP MIX_8202024_007.gcd	1
8	INT STD BLK 2	0:Unknown	ALCOHOL_082024_TS.gcm	1-3009 - INT STD BLK 2_8202024_008.gcd	0
9	QC1-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3010 - QC1-1_8202024_009.gcd	0
10	QC1-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	1-3011 - QC1-1-B_8202024_010.gcd	0
11	0.08 QA	0:Unknown	ALCOHOL_082024_TS.gcm	1-3020 - 0.08 QA_8202024_001.gcd	0
12	0.08 QA - B	0:Unknown	ALCOHOL_082024_TS.gcm	1-3021 - 0.08 QA - B_8202024_002.gcd	0
13	P2024-2434-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3018 - P2024-2434-1_8202024_003.gcd	0
14	P2024-2434-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3019 - P2024-2434-1-B_8202024_004.gcd	0
15	P2024-2472-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3022 - P2024-2472-1_8202024_003.gcd	0
16	P2024-2472-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3023 - P2024-2472-1-B_8202024_004.gcd	0
17	P2024-2475-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3024 - P2024-2475-1_8202024_005.gcd	0
18	P2024-2475-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3025 - P2024-2475-1-B_8202024_006.gcd	0
19	P2024-2476-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3026 - P2024-2476-1_8202024_007.gcd	0
20	P2024-2476-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3027 - P2024-2476-1-B_8202024_008.gcd	0
21	P2024-2477-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3028 - P2024-2477-1_8202024_009.gcd	0
22	P2024-2477-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3029 - P2024-2477-1-B_8202024_010.gcd	0
23	P2024-2483-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3030 - P2024-2483-1_8202024_011.gcd	0
24	P2024-2483-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3031 - P2024-2483-1-B_8202024_012.gcd	0
25	P2024-2498-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3032 - P2024-2498-1_8202024_013.gcd	0
26	P2024-2498-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3033 - P2024-2498-1-B_8202024_014.gcd	0
27	P2024-2506-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3034 - P2024-2506-1_8202024_015.gcd	0
28	P2024-2506-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3035 - P2024-2506-1-B_8202024_016.gcd	0
29	P2024-2511-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3036 - P2024-2511-1_8202024_017.gcd	0
30	P2024-2511-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3037 - P2024-2511-1-B_8202024_018.gcd	0
31	QC2-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3038 - QC2-1_8202024_019.gcd	0
32	QC2-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	1-3039 - QC2-1-B_8202024_020.gcd	0
33	P2024-2513-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3040 - P2024-2513-1_8202024_021.gcd	0
34	P2024-2513-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3041 - P2024-2513-1-B_8202024_022.gcd	0
35	P2024-2533-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3042 - P2024-2533-1_8202024_023.gcd	0
36	P2024-2533-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3043 - P2024-2533-1-B_8202024_024.gcd	0
37	P2024-2544-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3044 - P2024-2544-1_8202024_025.gcd	0
38	P2024-2544-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3045 - P2024-2544-1-B_8202024_026.gcd	0
39	P2024-2545-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3046 - P2024-2545-1_8202024_027.gcd	0
40	P2024-2545-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3047 - P2024-2545-1-B_8202024_028.gcd	0
41	P2024-2546-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3048 - P2024-2546-1_8202024_029.gcd	0
42	P2024-2546-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3049 - P2024-2546-1-B_8202024_030.gcd	0
43	P2024-2550-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3050 - P2024-2550-1_8202024_031.gcd	0
44	P2024-2550-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3051 - P2024-2550-1-B_8202024_032.gcd	0
45	P2024-2551-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3052 - P2024-2551-1_8202024_033.gcd	0
46	P2024-2551-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3053 - P2024-2551-1-B_8202024_034.gcd	0
47	P2024-2555-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3054 - P2024-2555-1_8202024_035.gcd	0
48	P2024-2555-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3055 - P2024-2555-1-B_8202024_036.gcd	0
49	P2024-2558-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3056 - P2024-2558-1_8202024_037.gcd	0
50	P2024-2558-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3057 - P2024-2558-1-B_8202024_038.gcd	0
51	P2024-2566-1	0:Unknown	ALCOHOL_082024_TS.gcm	1-3058 - P2024-2566-1_8202024_039.gcd	0
52	P2024-2566-1-B	0:Unknown	ALCOHOL_082024_TS.gcm	-3059 - P2024-2566-1-B_8202024_040.gcd	0
53	QC1-2	0:Unknown	ALCOHOL_082024_TS.gcm	1-3060 - QC1-2_8202024_041.gcd	0
54	QC1-2-B	0:Unknown	ALCOHOL_082024_TS.gcm	1-3061 - QC1-2-B_8202024_042.gcd	0
55	INT STD BLK 3	0:Unknown	ALCOHOL_082024_TS.gcm	1-3062 - INT STD BLK 3_8202024_043.gcd	0
56	DFE	0:Unknown	ALCOHOL_082024_TS.gcm	1-3063 - DFE_8202024_044.gcd	0
57	INT STD BLK 4	0:Unknown	ALCOHOL_082024_TS.gcm	1-3064 - INT STD BLK 4_8202024_045.gcd	0

TS