











Worklist: 6982

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-3501	1	BCK	Alcohol Analysis	
P2024-3502	1	BCK	Alcohol Analysis	
P2024-3503	1	BCK	Alcohol Analysis	
P2024-3507	1	BCK	Alcohol Analysis	
P2024-3517	1	BCK	Alcohol Analysis	
P2024-3518	1	BCK	Alcohol Analysis	
P2024-3525	1	BCK	Alcohol Analysis	
P2024-3541	1	BCK	Alcohol Analysis	
P2024-3544	1	BCK	Alcohol Analysis	
P2024-3548	1	BCK	Alcohol Analysis	
P2024-3552	1	BCK	Alcohol Analysis	
* P2024-3553	1	BCK	Alcohol Analysis	
P2024-3554	1	BCK	Alcohol Analysis	
P2024-3571	1	BCK	Alcohol Analysis	
P2024-3573	1	BCK	Alcohol Analysis	
P2024-3580	1	BCK	Alcohol Analysis	
P2024-3581	1	BCK	Alcohol Analysis	
P2024-3583	1	BCK	Alcohol Analysis	
P2024-3589	1	BCK	Alcohol Analysis	

* Will analyze new samples with next batch.
RC 11-27-24

RC

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): 11/26/24

Calibration Date: (if different): 11/14/24

Worklist #: 6982

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0819 g/100cc
					0.0879 g/100cc
					0.2033 g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	g/100cc g/100cc
Multi-Component mixture:		Exp:	2028 May	Lot # FN02162310	OK
Curve Fit:		Column 1	Column 1	Column 2	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	0.0514	0.0004	0.0512
100	0.100	0.090 - 0.110	0.1005	0.1005	0	0.1005
200	0.200	0.180 - 0.220	0.1987	0.1982	0.0005	0.1984
300	0.300	0.270 - 0.330	0.2983	0.2982	1E-04	0.2982
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5012	0.5014	0.0002	0.5013

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worksheet #: **6982** Run Date(s): **11/26/24**

Internal Standard Solution:	Prep Date:	10/9/2024	Exp Date:	4/9/2025
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Sample Name	Column 1 Value	Column 2 Value
0.080	202360	201370
0.080	202356	201367
QC1	203934	202890
QC1	202932	201904
QC1	199622	199240
QC1	206954	206752
QC1		
QC1		
QC2	198631	198302
QC2	195598	194954
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	201548.4	161238.7	241858.1
Column 2	200847.4	160677.9	241016.9



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

<<Data File>>
Method File :Default Project - ALCOHOL_111424_RC.gcm
Batch File :Default Project - BATCH_111424_RC.gcb
Date Acquired :11/14/2024 4:30:47 PM
Date Created :11/14/2024 4:27:18 PM
Date Modified :11/14/2024 4:36:49 PM



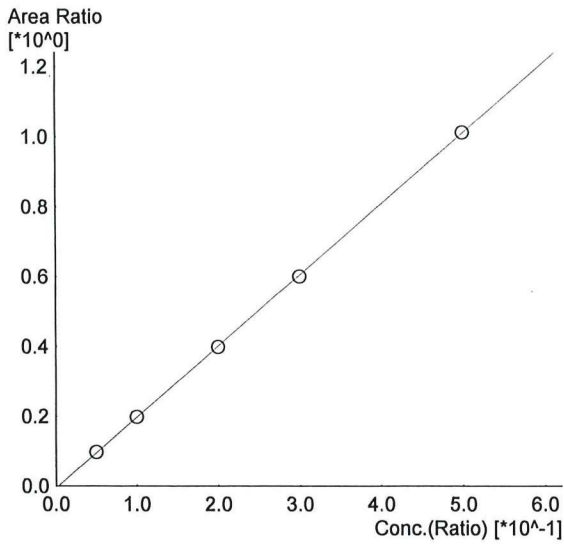
Name : METHANOL
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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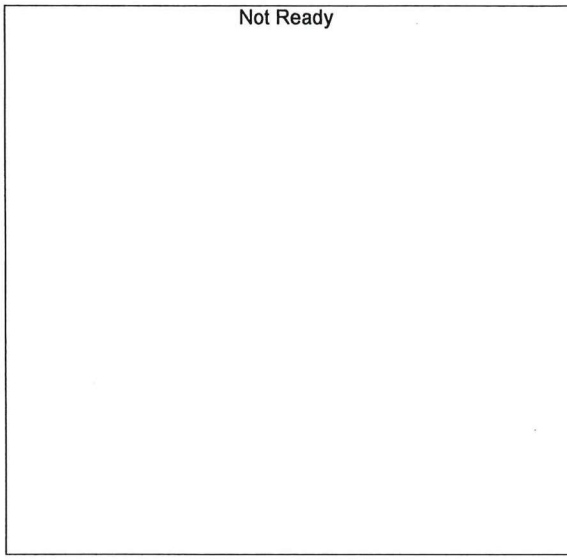
Name : ACETALDEHYDE
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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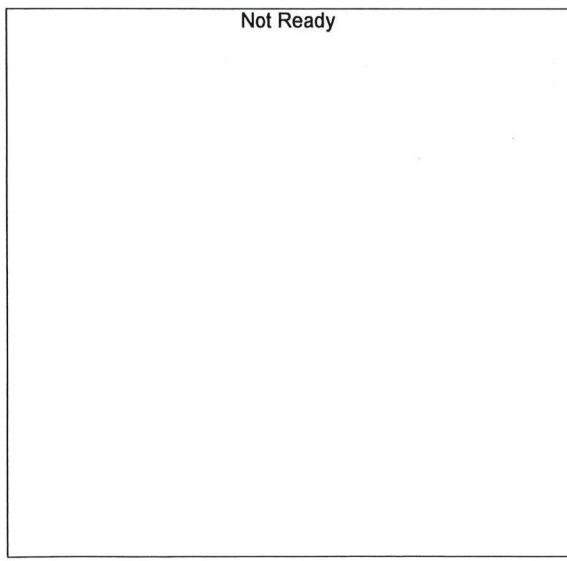
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.03349*x-0.00633167$
 R² value= 0.9999407 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19447	0.0510	0.050_11142024_001.gcd
2	0.100	39562	0.1005	0.100_11142024_002.gcd
3	0.200	80263	0.1987	0.200_11142024_003.gcd
4	0.300	121831	0.2983	0.300_11142024_004.gcd
5	0.500	206321	0.5012	0.500_11142024_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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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

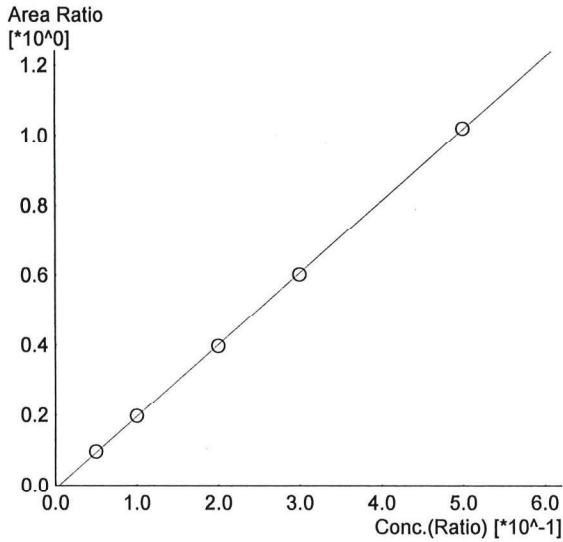
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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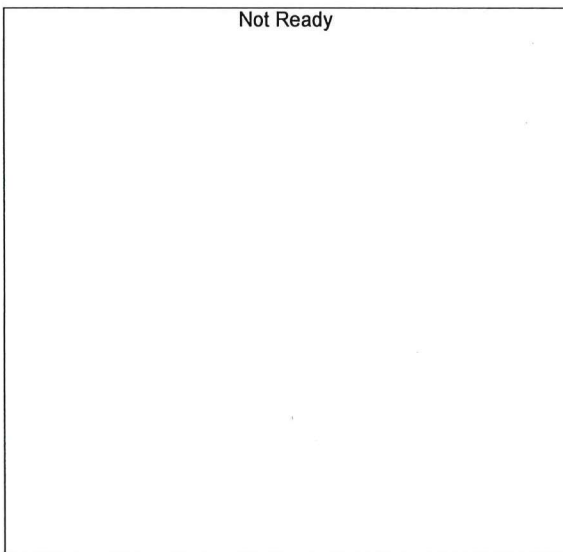
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.05237*x-0.00960873$
 R² value= 0.9999181 ✓
 FitType: Linear
 ZeroThrough: Not Through

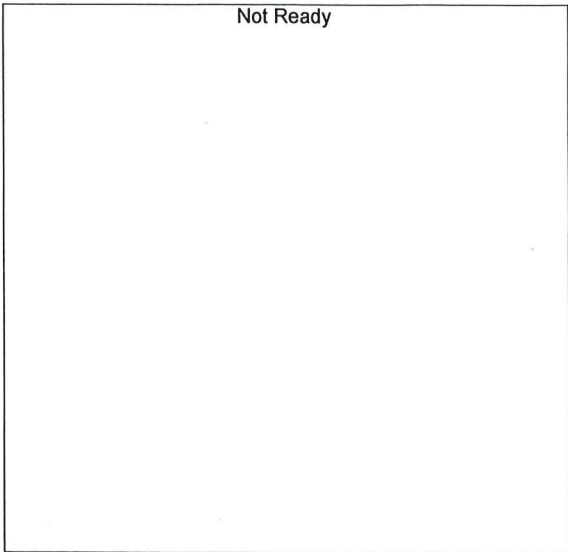
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19004	0.0514	0.050_11142024_001.gcd
2	0.100	38974	0.1005	0.100_11142024_002.gcd
3	0.200	79645	0.1982	0.200_11142024_003.gcd
4	0.300	121505	0.2982	0.300_11142024_004.gcd
5	0.500	206706	0.5014	0.500_11142024_005.gcd



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

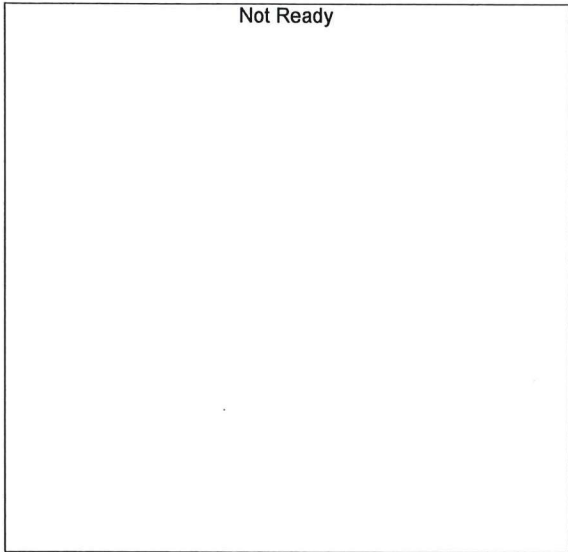
#	Conc.	Area	Std. Conc.	Data File Name
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RC



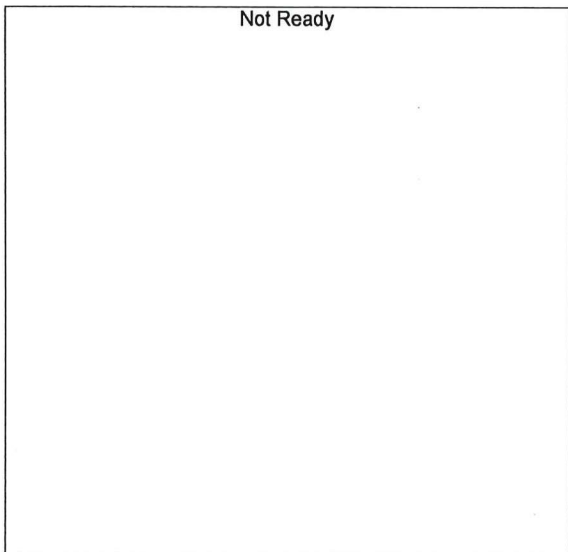
Name : ISOPROPYL ALCOHOL
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



Name : DFE
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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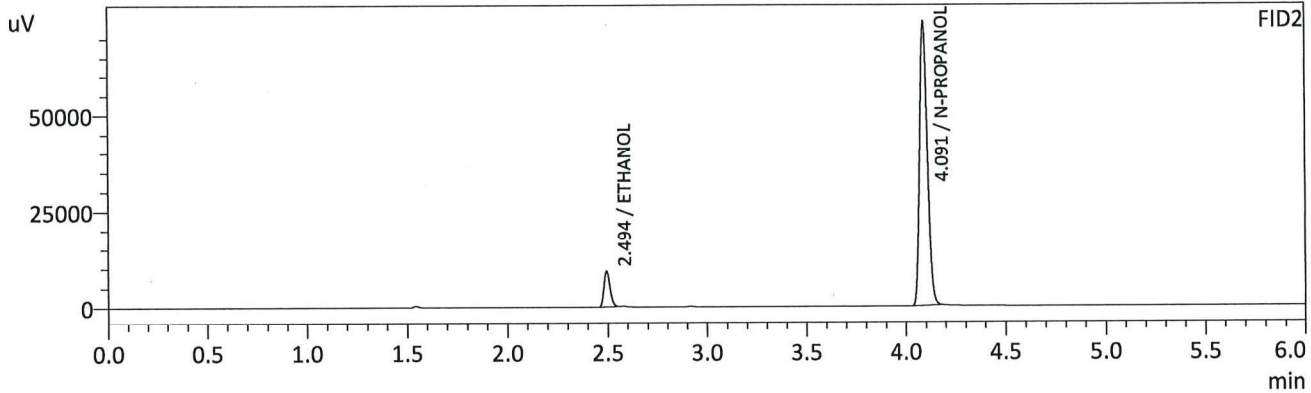
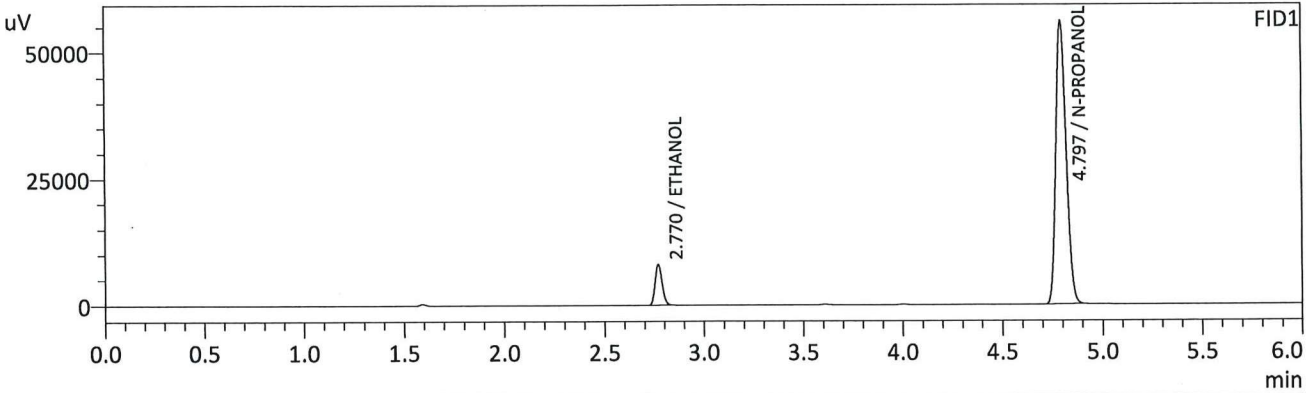


Name : TFE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_11142024_001.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_111424_RC.gcb
 Date Acquired : 11/14/2024 3:52:40 PM
 Date Processed : 11/15/2024 7:38:44 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

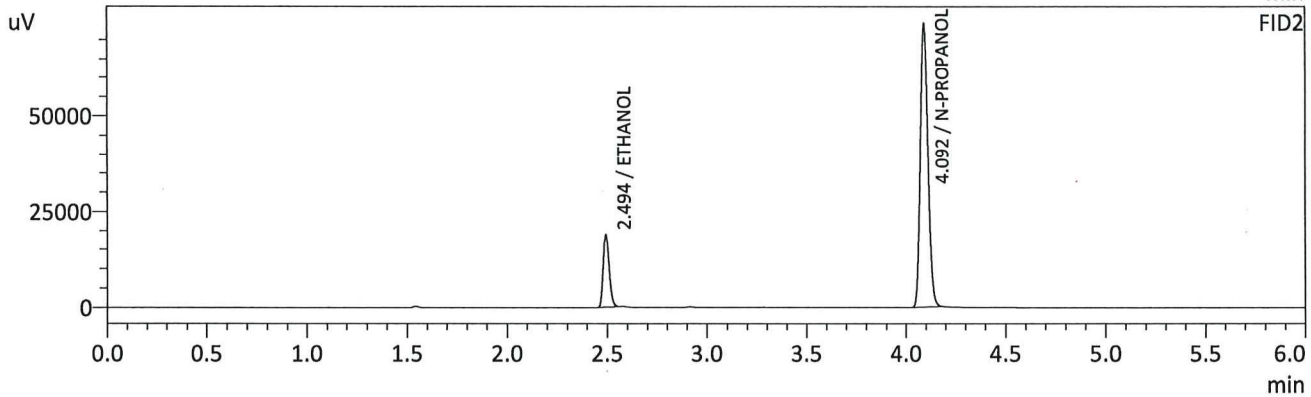
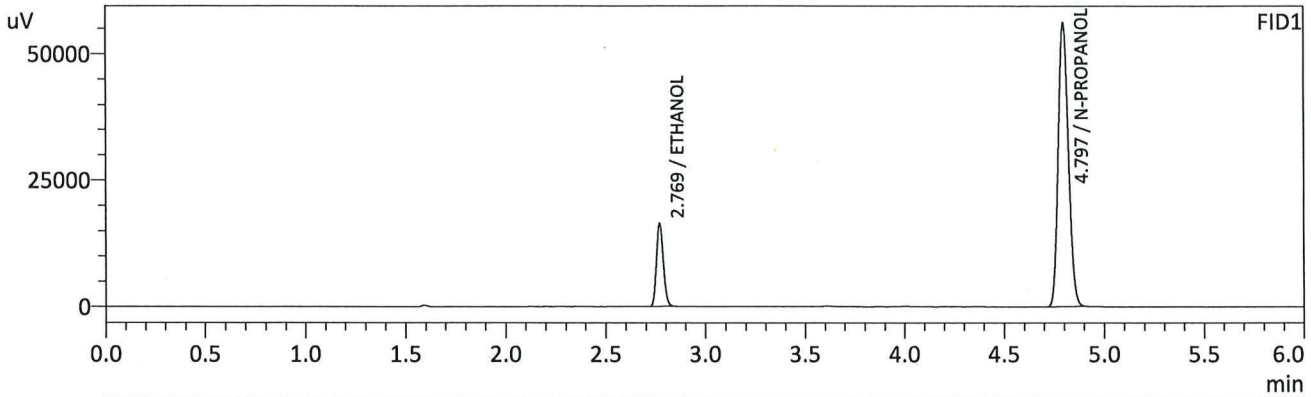
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0510	g/100cc	19447	8033
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199302	56030
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0514	g/100cc	19004	9151
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198130	73997
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CBC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_11142024_002.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_111424_RC.gcb
 Date Acquired : 11/14/2024 4:02:10 PM
 Date Processed : 11/15/2024 7:38:49 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

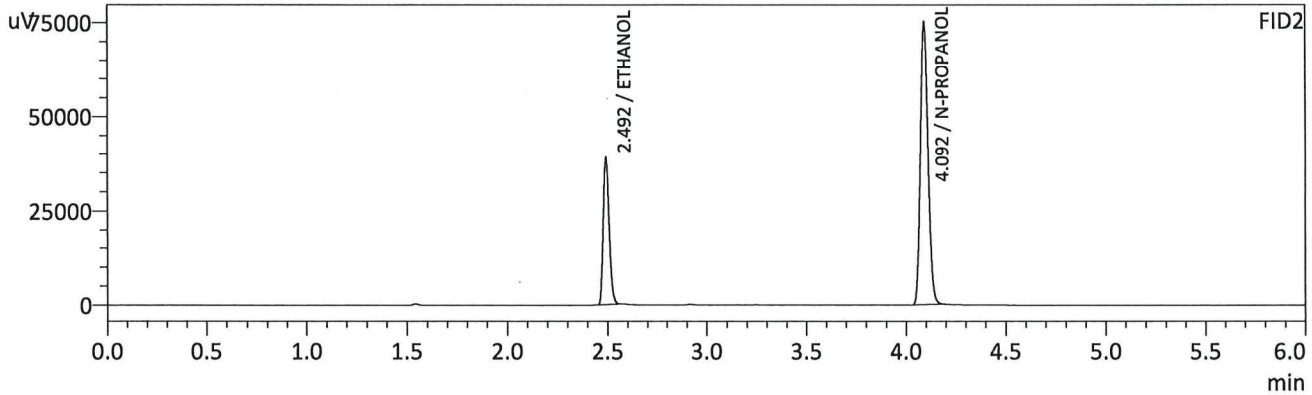
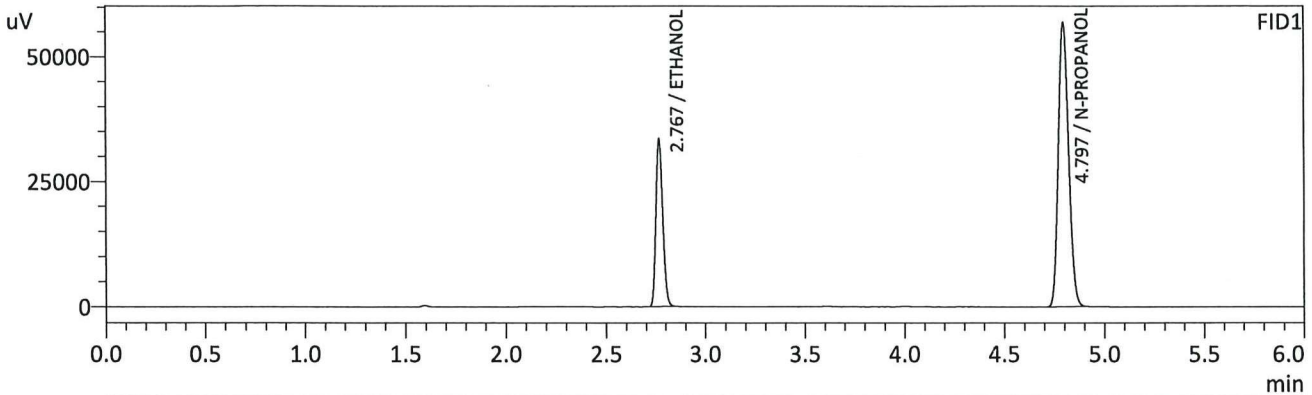
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	39562	16371
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199656	56025
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	38974	18842
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198057	73807
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

ABC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_11142024_003.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_111424_RC.gcb
 Date Acquired : 11/14/2024 4:11:31 PM
 Date Processed : 11/15/2024 7:38:53 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

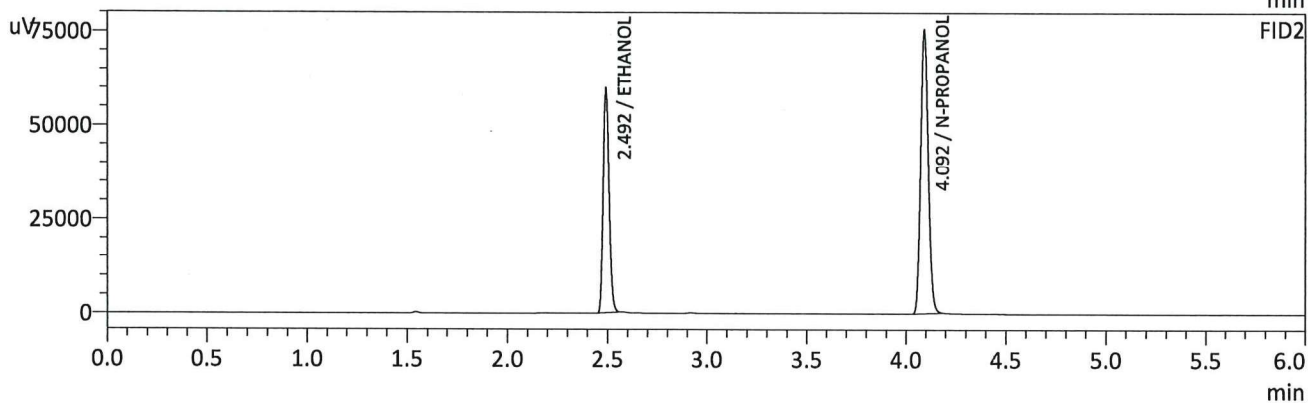
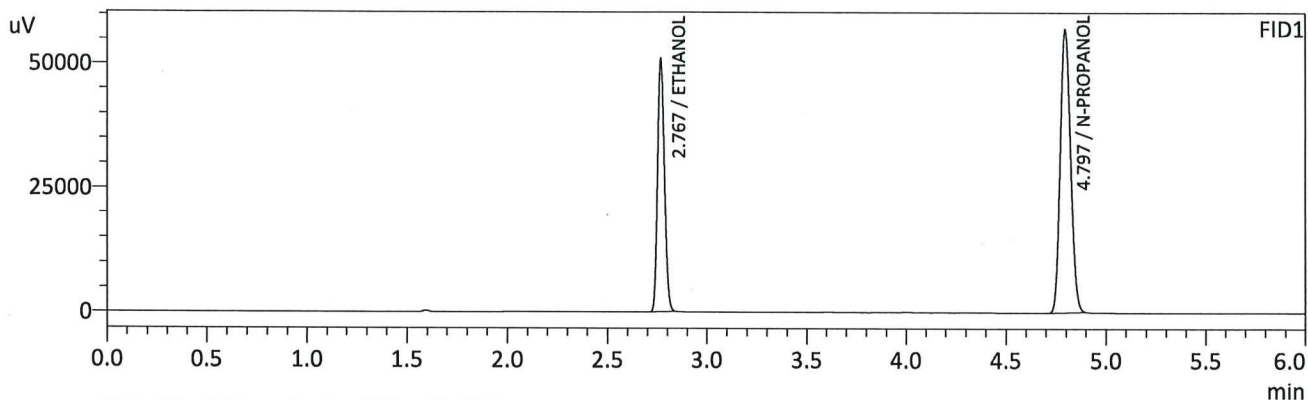
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1987	g/100cc	80263	33121
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	201785	56803
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1982	g/100cc	79645	38359
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	200434	74929
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_11142024_004.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_111424_RC.gcb
 Date Acquired : 11/14/2024 4:21:14 PM
 Date Processed : 11/15/2024 7:38:57 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

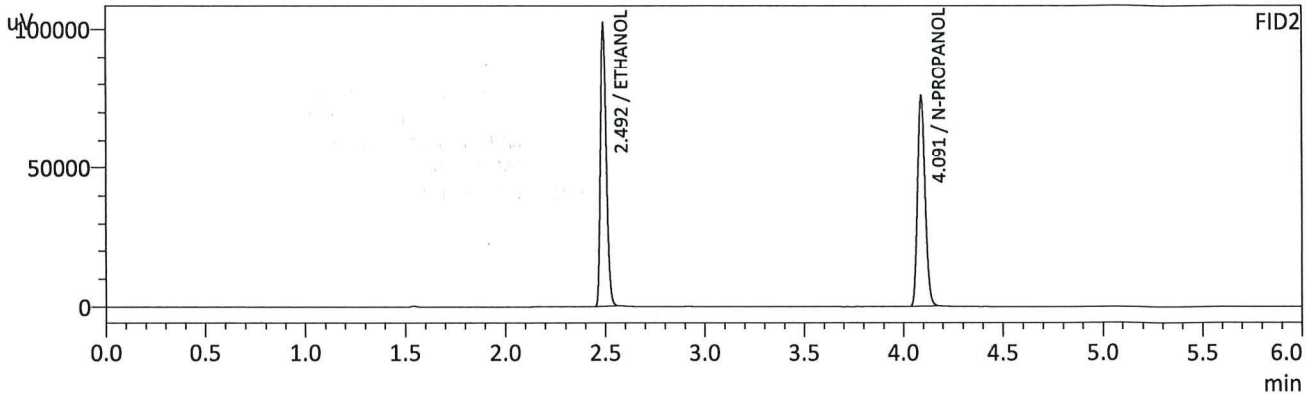
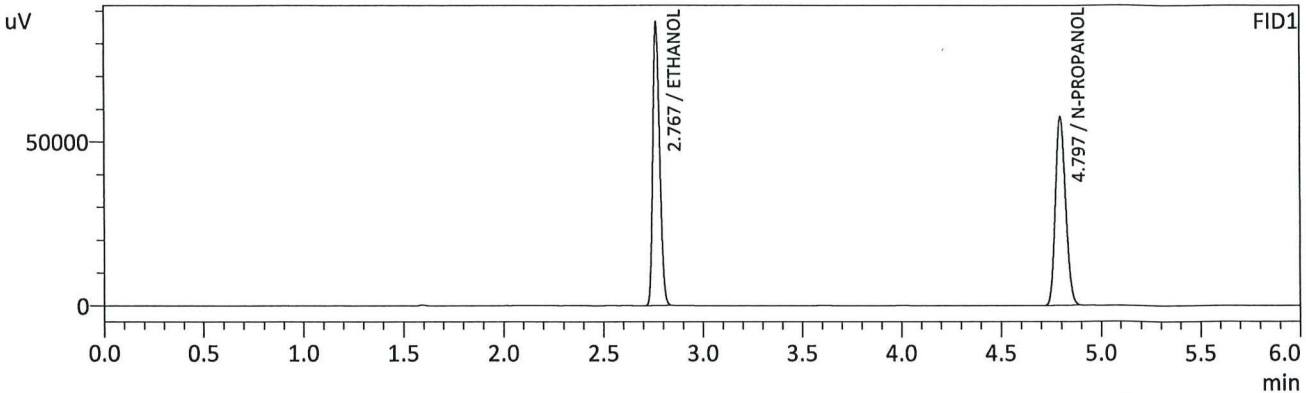
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2983	g/100cc	121831	50526
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202942	56974
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2982	g/100cc	121505	58977
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	201664	75201
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_11142024_005.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_111424_RC.gcb
 Date Acquired : 11/14/2024 4:30:47 PM
 Date Processed : 11/14/2024 4:36:49 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

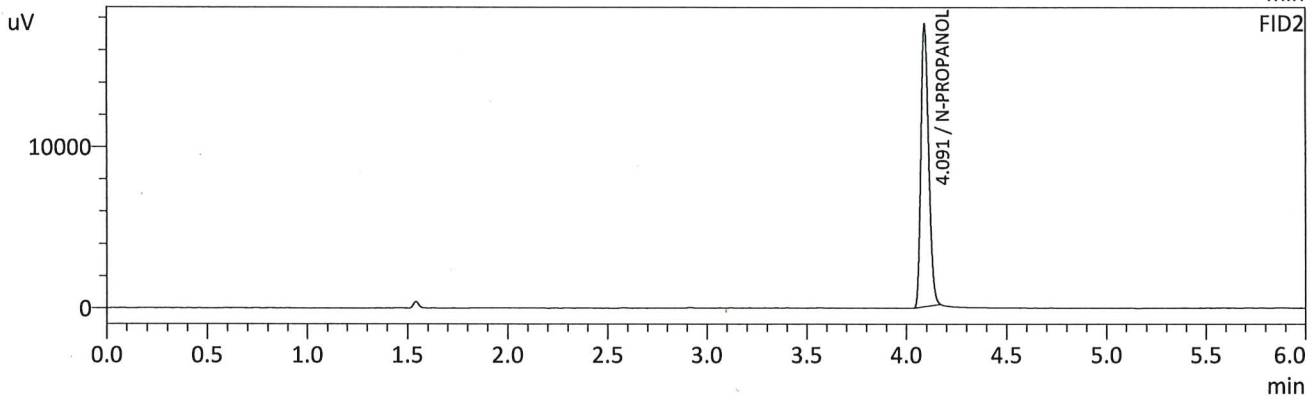
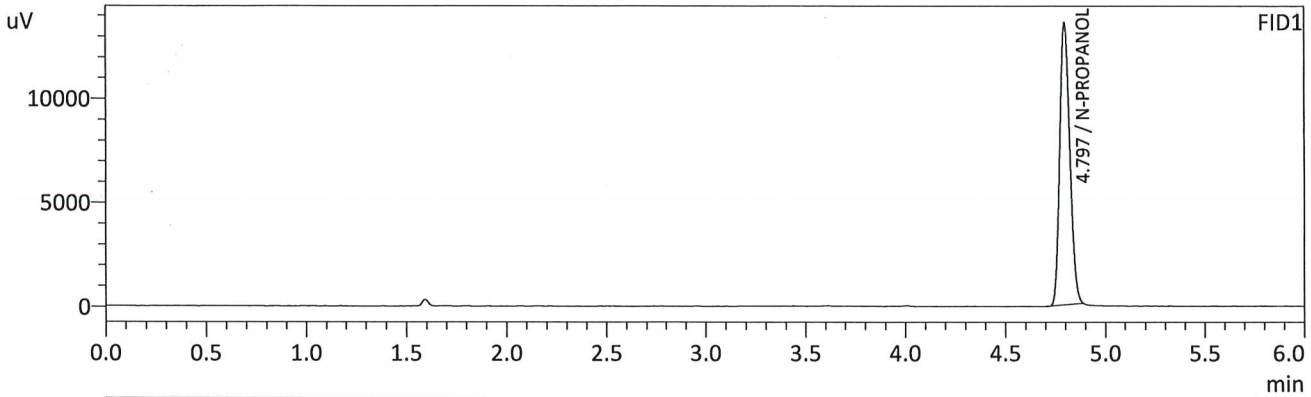
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5012	g/100cc	206321	86036
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203666	57411
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	206706	101037
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202729	75621
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CR

Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_11262024_001.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 2:58:25 PM
 Date Processed : 11/26/2024 3:04:26 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

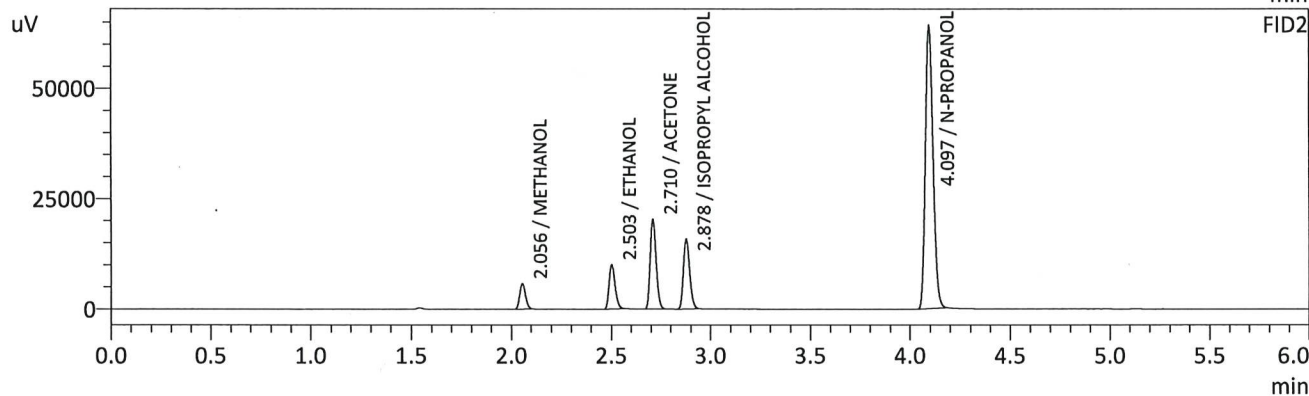
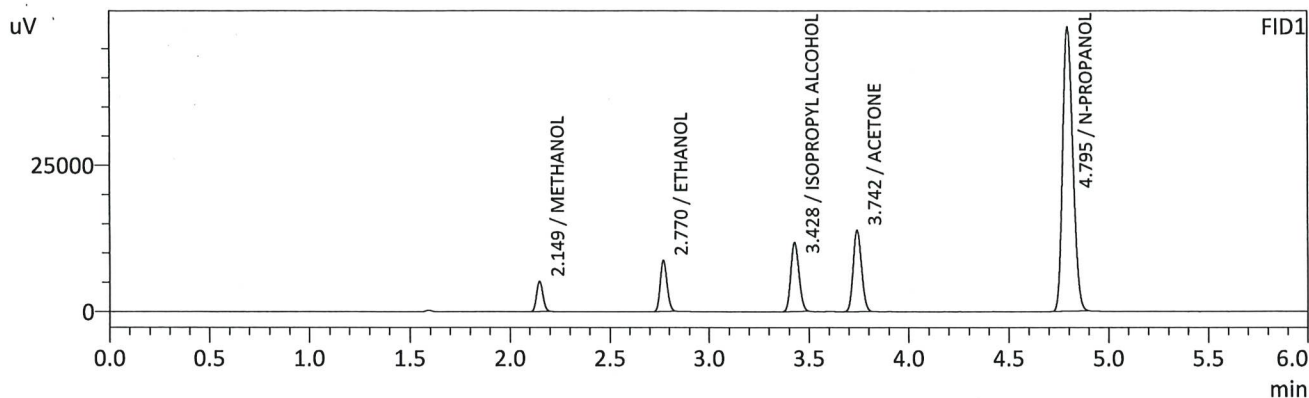
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	48089	13533
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

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	47205	17485
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_11262024_002.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 3:07:53 PM
 Date Processed : 11/26/2024 3:13:55 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

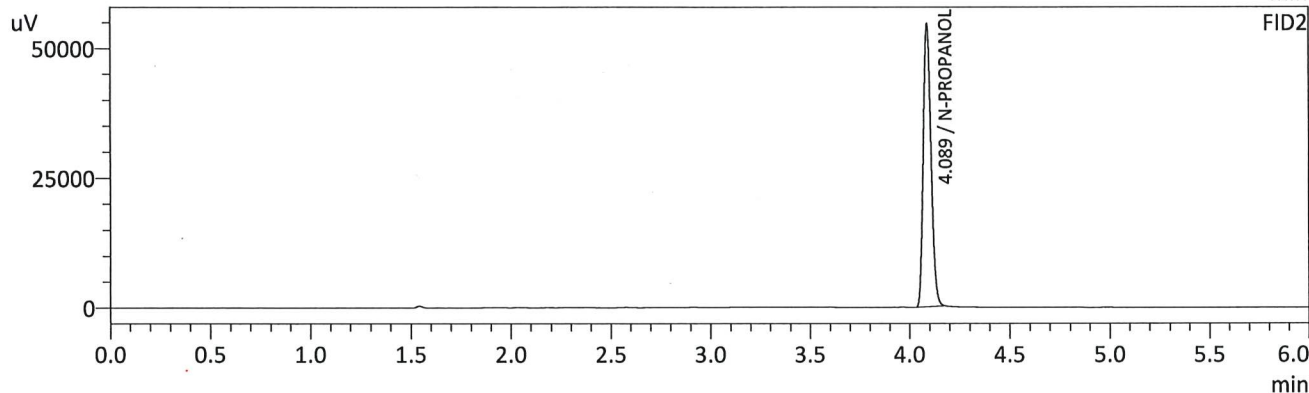
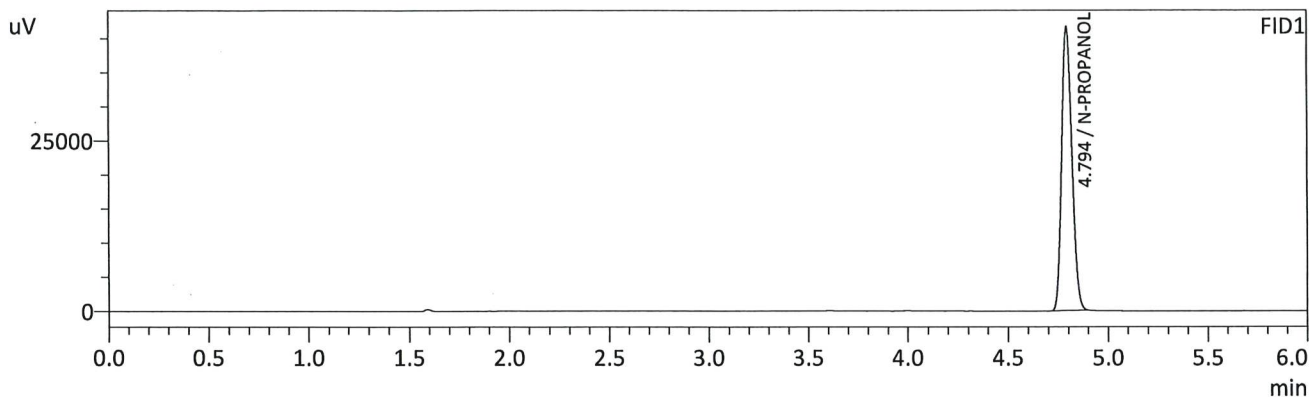
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	11324	5144
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0633	g/100cc	21083	8715
ISOPROPYL ALCOHOL	0.0000	g/100cc	33540	11787
ACETONE	0.0000	g/100cc	40486	13862
N-PROPANOL	0.0000	g/100cc	172173	48617
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	11670	5723
ETHANOL	0.0635	g/100cc	20683	9885
ACETONE	0.0000	g/100cc	41970	20238
ISOPROPYL ALCOHOL	0.0000	g/100cc	34157	15725
N-PROPANOL	0.0000	g/100cc	171179	63993
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_11262024_003.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 3:17:15 PM
 Date Processed : 11/26/2024 3:23:16 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	147606	41456
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	145986	54301
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 11/26/2024 3:26:59 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0819	0.0820	0.0001	0.0819	0.0001	0.0819
(g/100cc)	0.0820	0.0820	0.0000	0.0820		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111424_RC.gcm

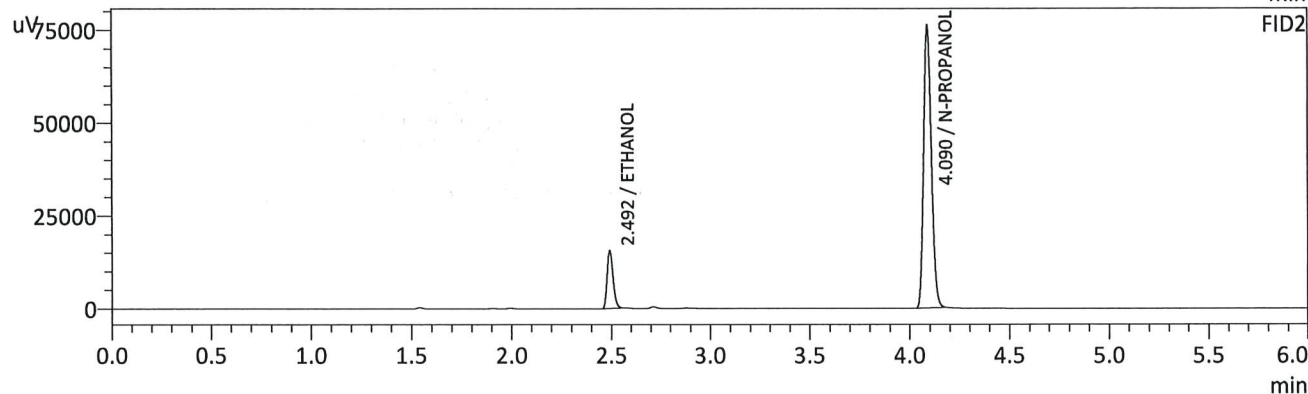
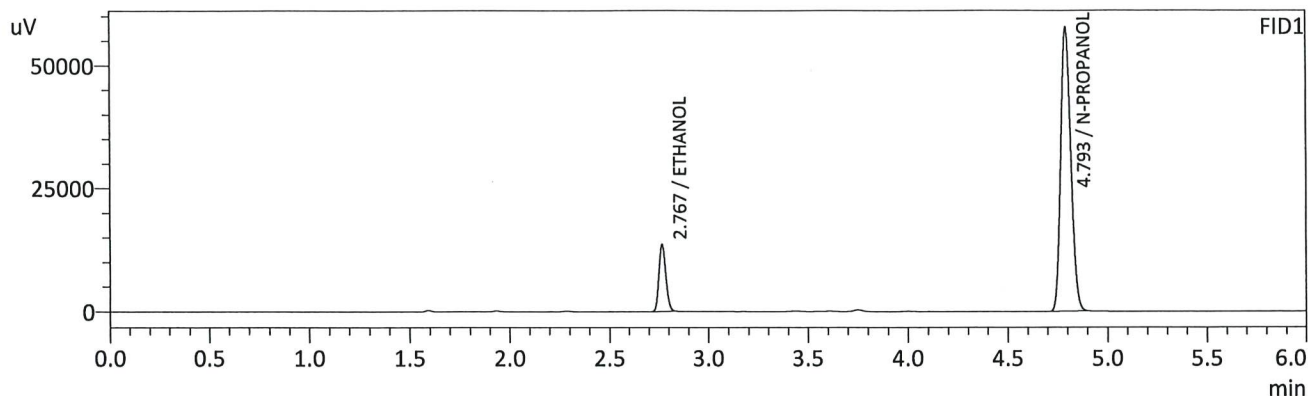
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results	
0.081	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1
 Vial # : 4
 Data Filename : QC1-1_11262024_004.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 3:26:59 PM
 Date Processed : 11/26/2024 3:33:00 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

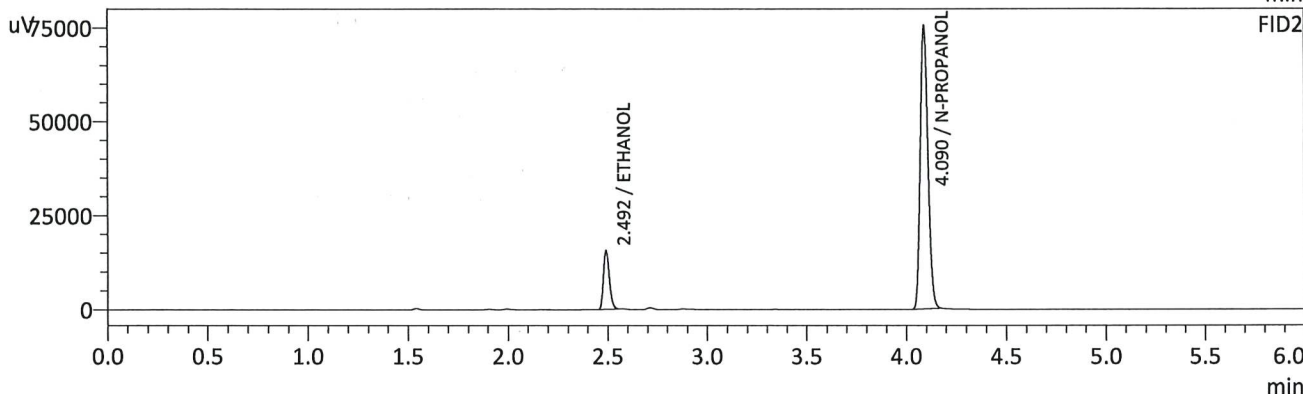
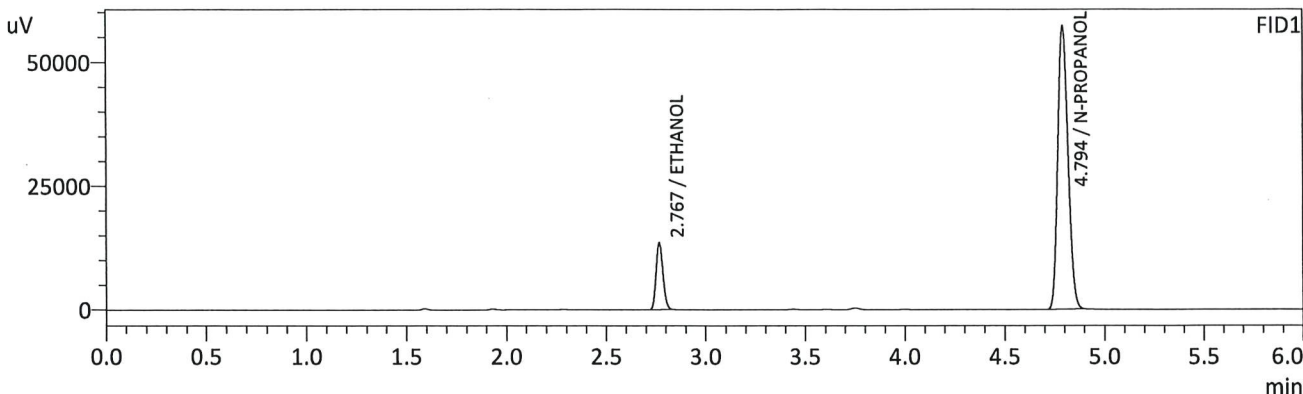
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0819	g/100cc	32708	13499
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203934	57437
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	32219	15412
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202890	75965
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_11262024_005.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 3:36:31 PM
 Date Processed : 11/26/2024 3:42:33 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	32579	13473
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202932	57070
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	32043	15405
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	201904	75233
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 11/26/2024 3:45:50 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0805	0.0806	0.0001	0.0805	0.0001	0.0804
(g/100cc)	0.0804	0.0804	0.0000	0.0804		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111424_RC.gcm

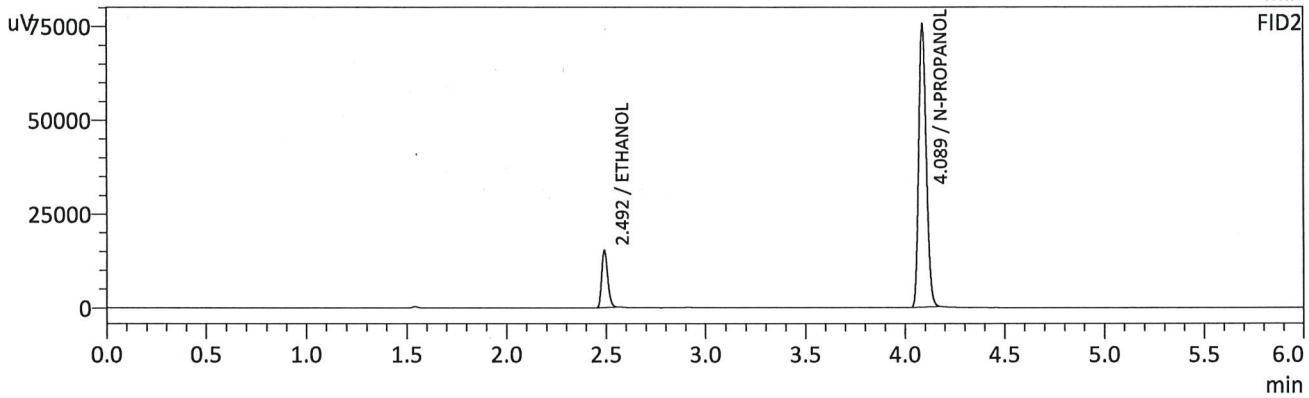
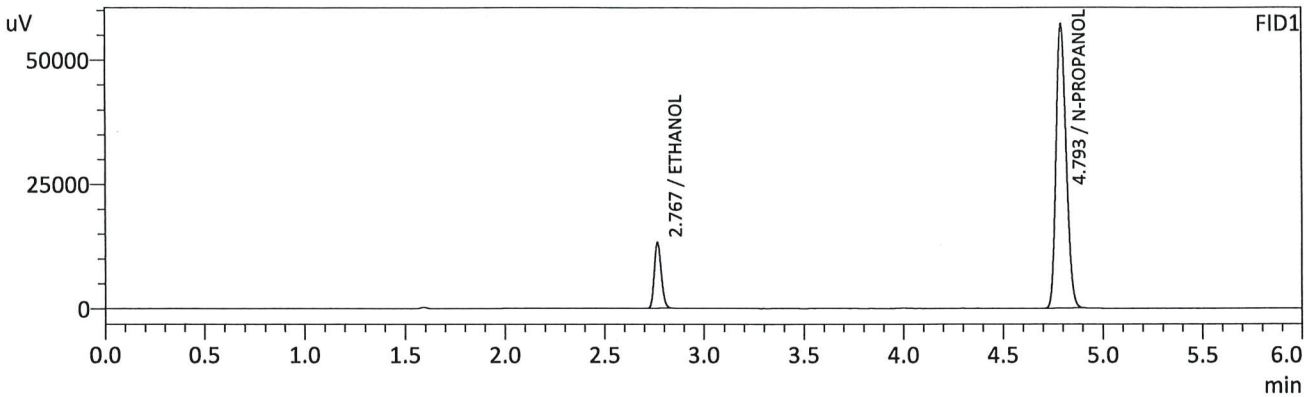
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

	Reported Results
	0.080

Calibration and control data are stored centrally.

RC

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_11262024_006.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 3:45:50 PM
 Date Processed : 11/26/2024 3:51:51 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

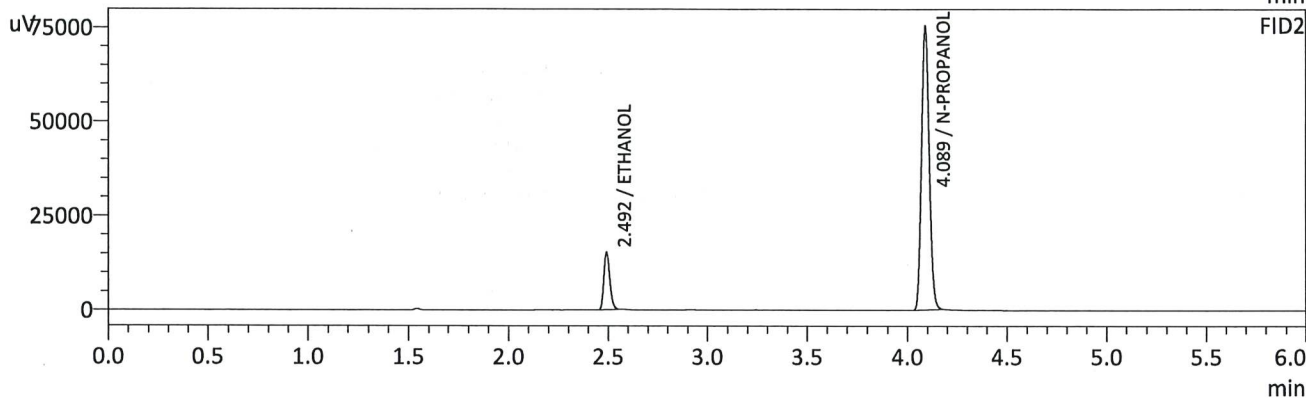
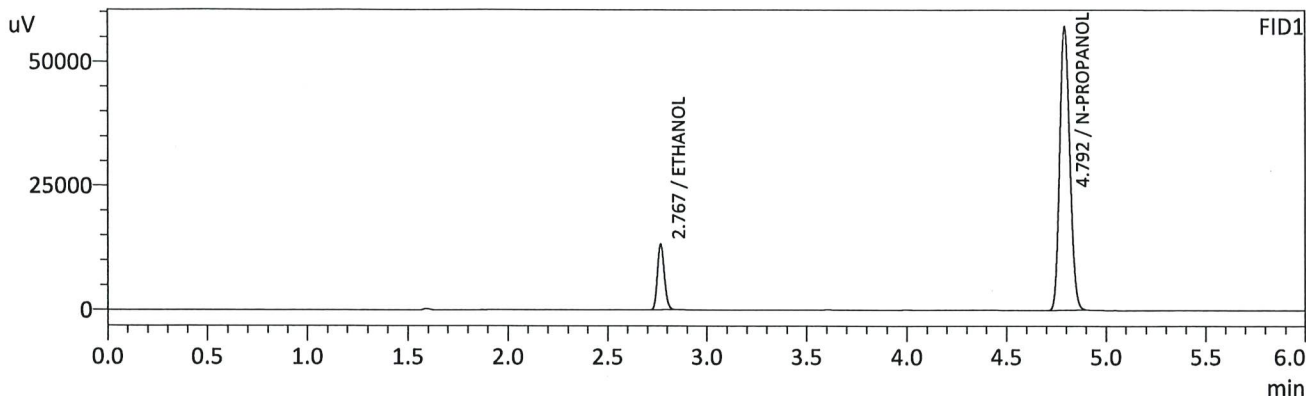
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0805	g/100cc	31860	13177
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202360	56925
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0806	g/100cc	31391	15057
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	201370	74960
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_11262024_007.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 3:55:35 PM
 Date Processed : 11/26/2024 4:01:36 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0804	g/100cc	31820	13146
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202356	56935
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0804	g/100cc	31329	15041
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	201367	75019
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 11/26/2024 6:56:32 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2035	0.2034	0.0001	0.2034	0.0001	0.2033
(g/100cc)	0.2032	0.2034	0.0002	0.2033		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111424_RC.gcm

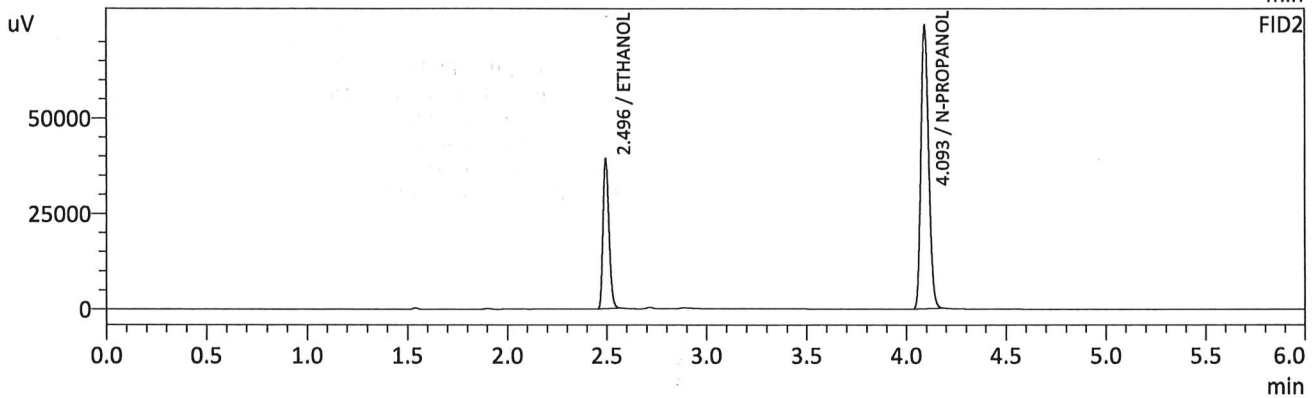
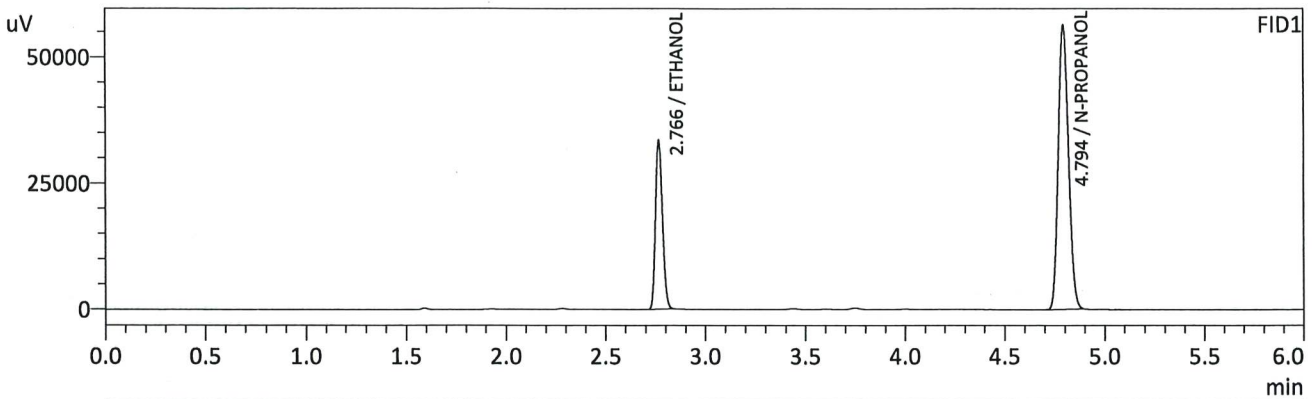
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.203	0.192	0.214	0.011

Reported Results	
0.203	

Calibration and control data are stored centrally.

RC

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_11262024_026.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 6:56:32 PM
 Date Processed : 11/26/2024 7:02:34 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

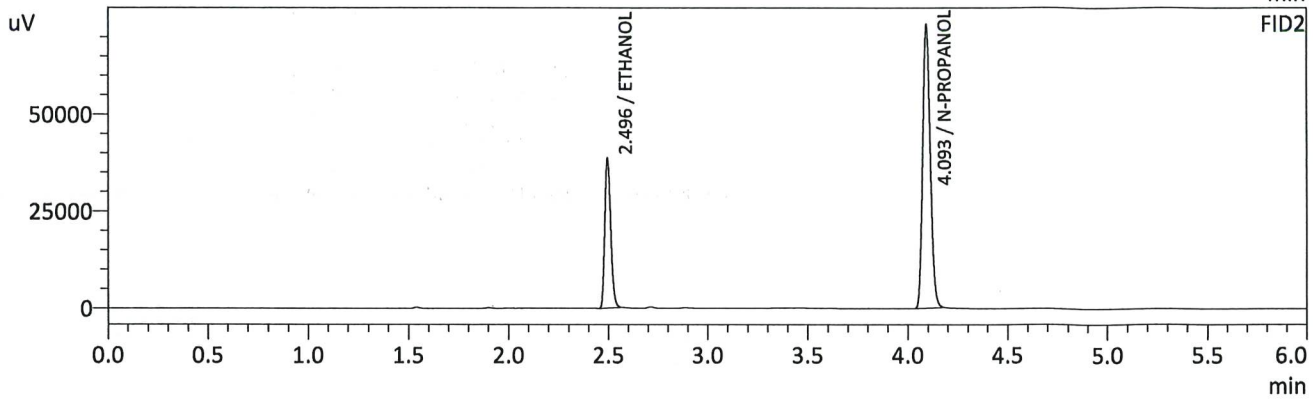
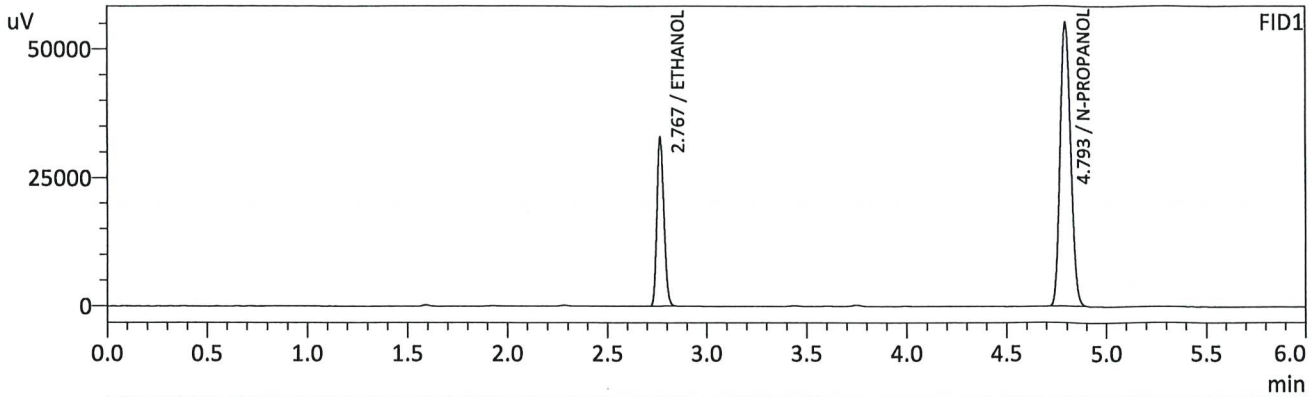
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2035	g/100cc	80942	33354
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198631	56124
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2034	g/100cc	80881	39042
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198302	73557
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_11262024_027.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 7:05:50 PM
 Date Processed : 11/26/2024 7:11:52 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2032	g/100cc	79624	32823
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195598	55026
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2034	g/100cc	79516	38293
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194954	72646
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 11/26/2024 10:25:54 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0877	0.0872	0.0005	0.0874	0.0009	0.0879
(g/100cc)	0.0886	0.0881	0.0005	0.0883		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111424_RC.gcm

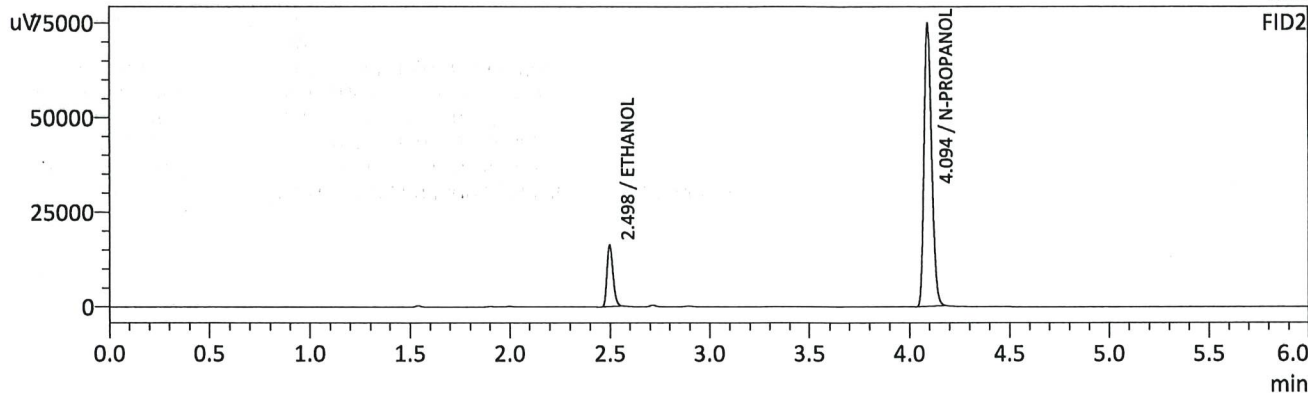
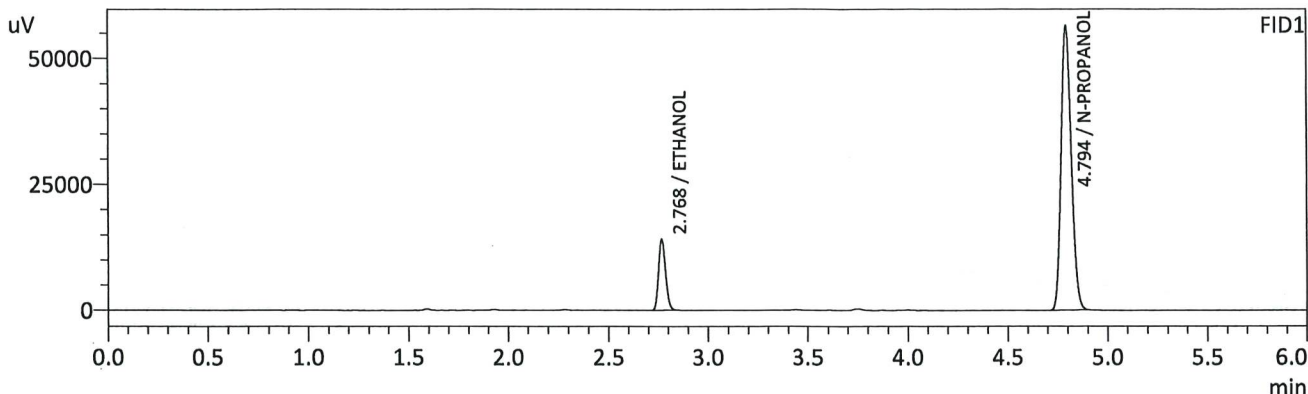
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.087	0.082	0.092	0.005

	Reported Results	
		0.087

Calibration and control data are stored centrally.

RC

Sample Name : QC1-2
 Vial # : 48
 Data Filename : QC1-2_11262024_048.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 10:25:54 PM
 Date Processed : 11/26/2024 10:31:55 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

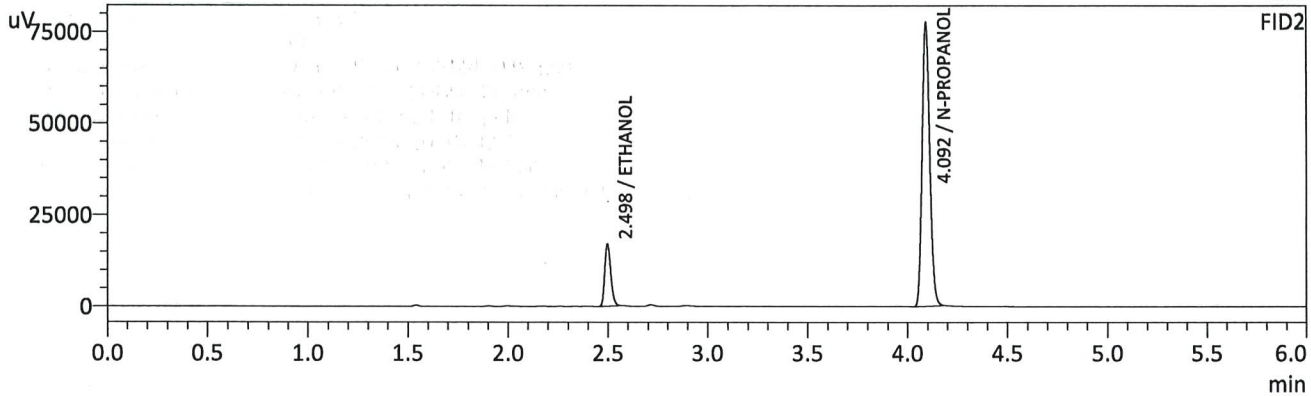
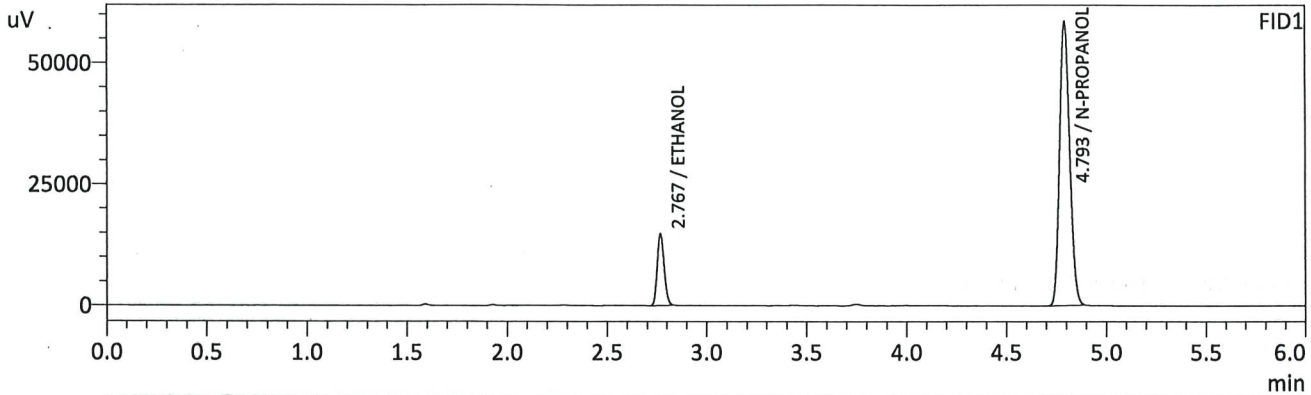
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0877	g/100cc	34346	13977
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199622	56373
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0872	g/100cc	33762	16149
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199240	74471
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-2-B
 Vial # : 49
 Data Filename : QC1-2-B_11262024_049.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 10:35:43 PM
 Date Processed : 11/26/2024 10:41:46 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

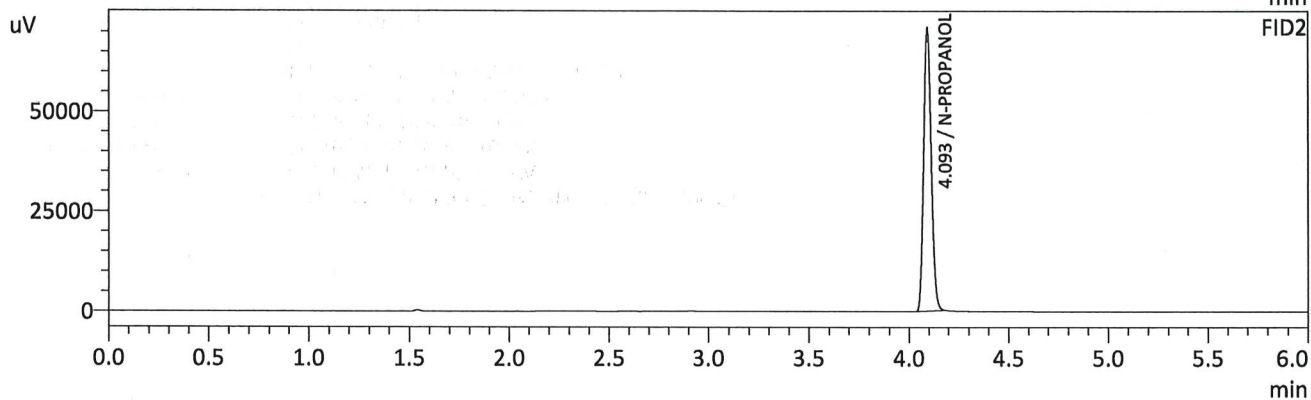
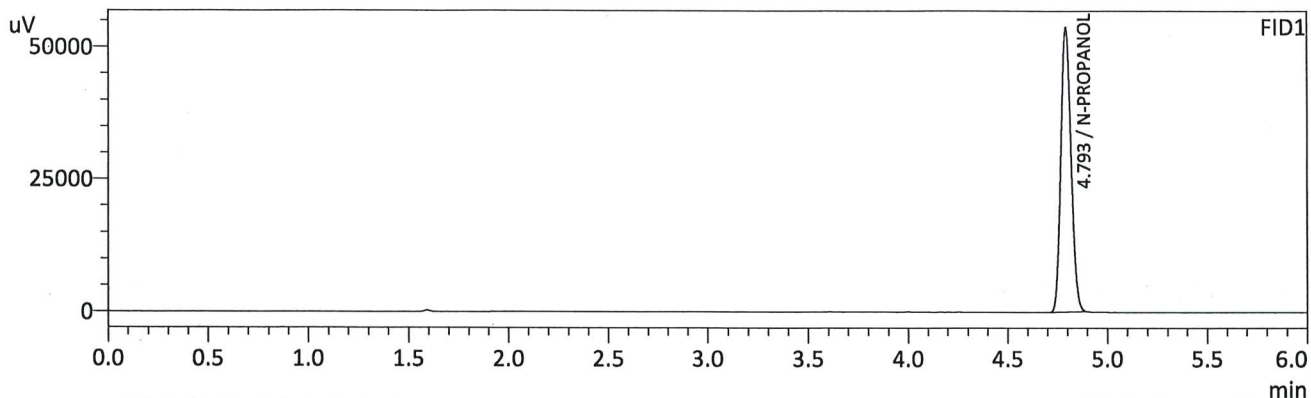
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0886	g/100cc	36015	14692
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	206954	58282
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0881	g/100cc	35414	16867
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	206752	77234
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 50
 Data Filename : INT STD BLK 3_11262024_050.gcd
 Method Filename : ALCOHOL_111424_RC.gcm
 Batch Filename : BATCH_112624_RC.gcb
 Date Acquired : 11/26/2024 10:45:10 PM
 Date Processed : 11/26/2024 10:51:10 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	189731	53506
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	189164	70511
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

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_111424_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_111424_RC.gcm		1
3	INT STD BLK 2	0:Unknown	ALCOHOL_111424_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_111424_RC.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL_111424_RC.gcm		0
8	P2024-3501-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
9	P2024-3501-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
10	P2024-3502-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
11	P2024-3502-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
12	P2024-3503-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
13	P2024-3503-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
14	P2024-3507-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
15	P2024-3507-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
16	P2024-3517-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
17	P2024-3517-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
18	P2024-3518-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
19	P2024-3518-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
20	P2024-3525-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
21	P2024-3525-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
22	P2024-3541-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
23	P2024-3541-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
24	P2024-3544-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
25	P2024-3544-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
28	P2024-3548-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
29	P2024-3548-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
30	P2024-3552-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
31	P2024-3552-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
32	P2024-3553-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
33	P2024-3553-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
34	P2024-3554-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
35	P2024-3554-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
36	P2024-3571-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
37	P2024-3571-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
38	P2024-3573-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
39	P2024-3573-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
40	P2024-3580-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
41	P2024-3580-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
42	P2024-3581-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
43	P2024-3581-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
44	P2024-3583-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
45	P2024-3583-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
46	P2024-3589-1	0:Unknown	ALCOHOL_111424_RC.gcm		0
47	P2024-3589-1-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
48	QC1-2	0:Unknown	ALCOHOL_111424_RC.gcm		0
49	QC1-2-B	0:Unknown	ALCOHOL_111424_RC.gcm		0
50	INT STD BLK 3	0:Unknown	ALCOHOL_111424_RC.gcm		0

RC