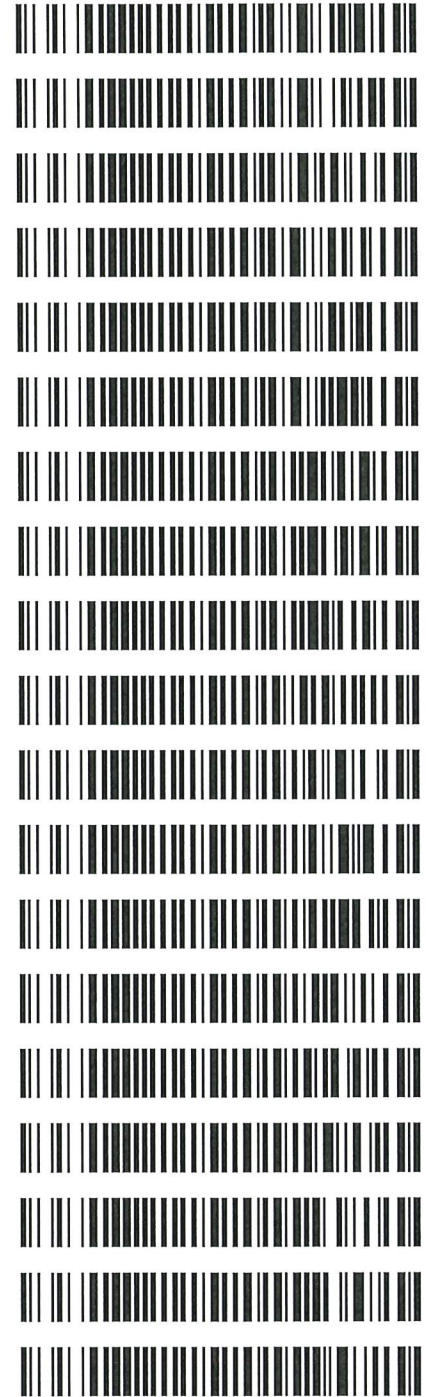


Worklist: 7094

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2025-0776	1	BCK	Alcohol Analysis
P2025-0785	1	BCK	Alcohol Analysis
P2025-0789	1	BCK	Alcohol Analysis
P2025-0794	1	BCK	Alcohol Analysis
P2025-0797	1	BCK	Alcohol Analysis
P2025-0801	1	BCK	Alcohol Analysis
P2025-0803	1	BCK	Alcohol Analysis
P2025-0813	1	BCK	Alcohol Analysis
P2025-0814	1	BCK	Alcohol Analysis
P2025-0824	1	BCK	Alcohol Analysis
P2025-0841	1	BCK	Alcohol Analysis
P2025-0842	1	BCK	Alcohol Analysis
P2025-0845	1	BCK	Alcohol Analysis
P2025-0847	2	BCK	Alcohol Analysis
P2025-0851	1	BCK	Alcohol Analysis
P2025-0855	1	BCK	Alcohol Analysis
P2025-0861	1	BCK	Alcohol Analysis
P2025-0863	1	BCK	Alcohol Analysis
P2025-0864	1	BCK	Alcohol Analysis



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): 4/2/25

Calibration Date: (if different):

Worklist #: 7094

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	
					0.0884 g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2090 g/100cc	
					g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	2028 May	Lot #	FN02162310 OK	
Curve Fit:				Column 1	0.99996	Column2
						0.99993

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0509	0.0512	0.0003	0.051
100	0.100	0.090 - 0.110	0.1002	0.1002	0	0.1002
200	0.200	0.180 - 0.220	0.1992	0.1989	0.0003	0.199
300	0.300	0.270 - 0.330	0.2985	0.2981	0.0004	0.2983
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5010	0.5013	0.0003	0.5011

Aqueous Controls

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



Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	7094	Run Date(s):	4/2/25
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Internal Standard Solution:	Prep Date:	3/13/2025	Exp Date:	9/13/2025
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Sample Name	Column 1 Value	Column 2 Value
0.080	196621	194898
0.080	197841	196239
QC1	199249	197757
QC1	199687	198048
QC1	215630	214189
QC1	209811	208279
QC1		
QC1		
QC2	193728	191839
QC2	202673	200952
QC2		
QC2		
QC2		
QC2		

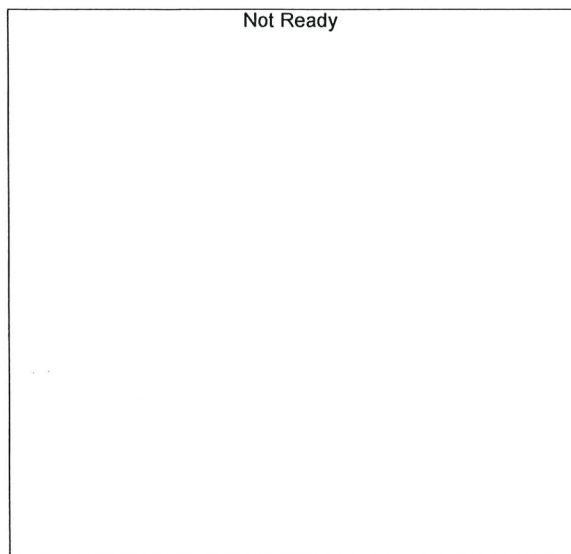
	Average	(-)20%	(+)20%
Column 1	201905.0	161524.0	242286.0
Column 2	200275.1	160220.1	240330.2

RC

Calibration Table

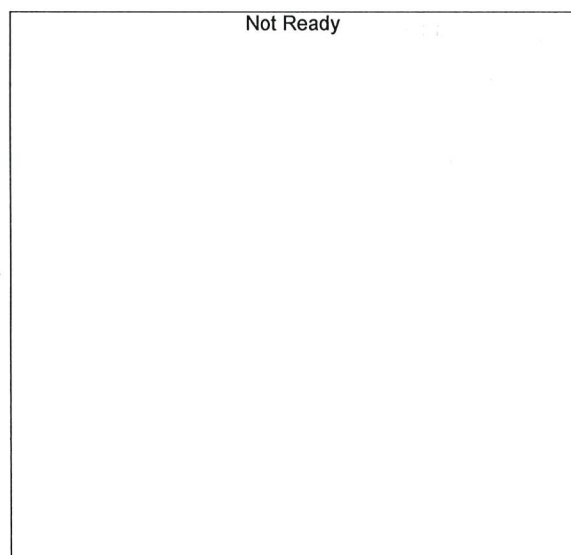
Laboratory: Pocatello
Instrument Name : GC SN- C12255850662 / HS SN- C12595700014

<<Data File>>
Method File :Default Project - ALCOHOL_04022025_RC.gcm
Batch File :Default Project - BATCH_04022025_RC.gcb
Date Acquired :4/2/2025 3:32:45 PM
Date Created :4/2/2025 3:29:20 PM
Date Modified :4/2/2025 3:38:46 PM



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

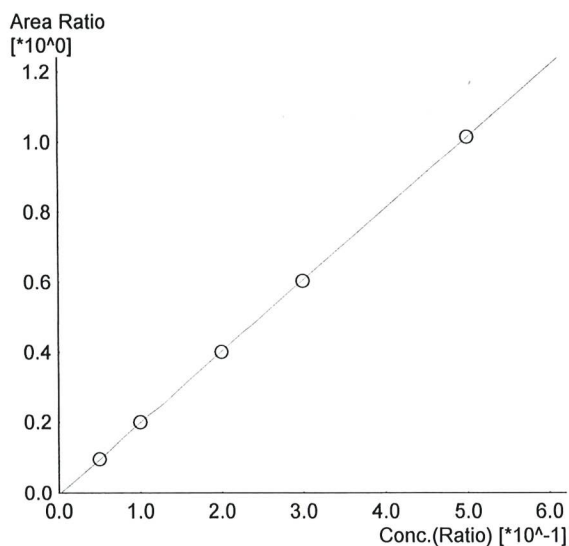
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

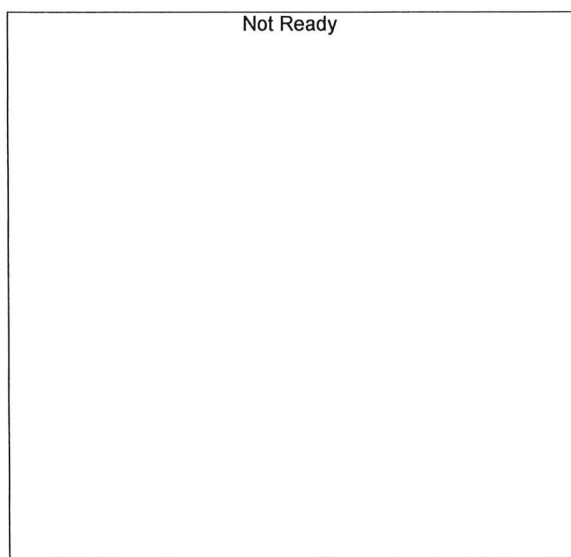
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

RC



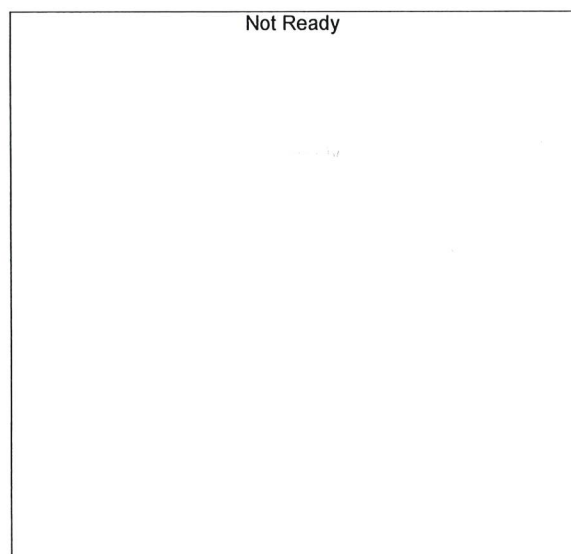
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.03609 \cdot x - 0.00539793$
 R² value= 0.9999646 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19324	0.0509	0.050_422025_001.gcd
2	0.100	39186	0.1002	0.100_422025_002.gcd
3	0.200	79573	0.1992	0.200_422025_003.gcd
4	0.300	120288	0.2985	0.300_422025_004.gcd
5	0.500	203177	0.5010	0.500_422025_005.gcd



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

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



Name : ACETONE
 Detector Name: FID1
 Function : $f(x)=0 \cdot x + 0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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

RC

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
---	-------	------	------------	----------------

Not Ready

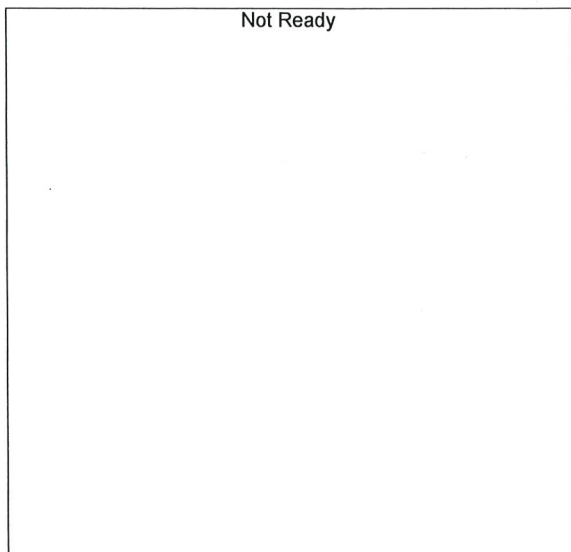
Name : DME
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

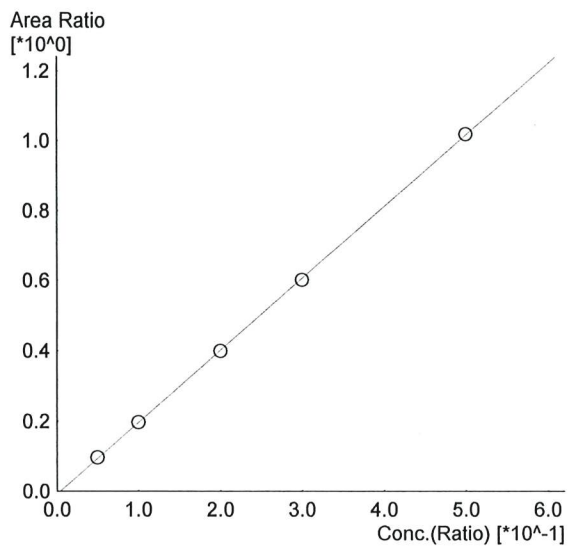
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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



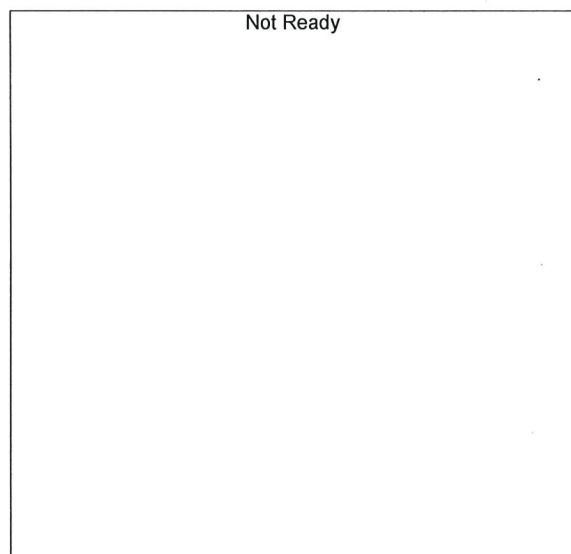
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.04914*x-0.00843418$
 R^2 value= 0.9999391 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18928	0.0512	0.050_422025_001.gcd
2	0.100	38654	0.1002	0.100_422025_002.gcd
3	0.200	79136	0.1989	0.200_422025_003.gcd
4	0.300	120010	0.2981	0.300_422025_004.gcd
5	0.500	203870	0.5013	0.500_422025_005.gcd



Name : ACETONE
 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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Handwritten signature/initials

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
---	-------	------	------------	----------------

Not Ready

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

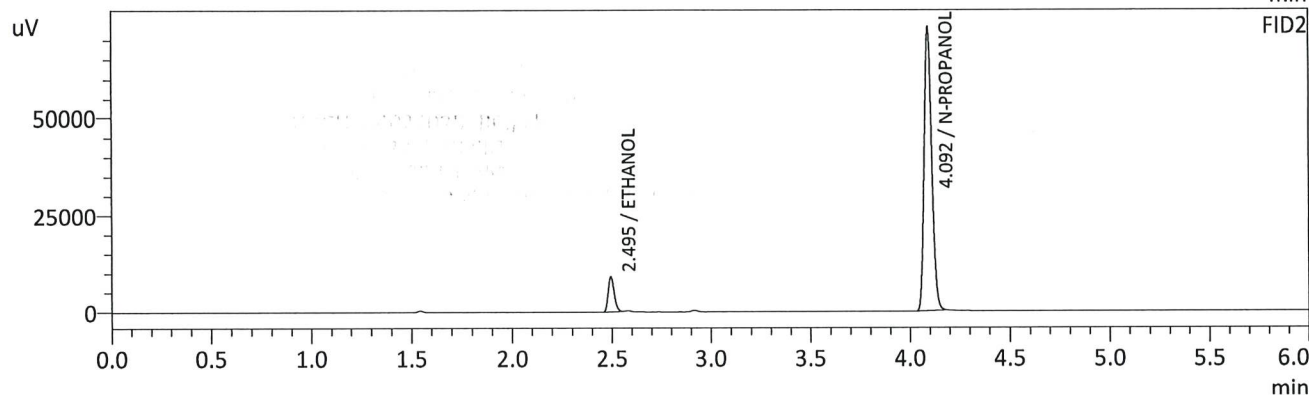
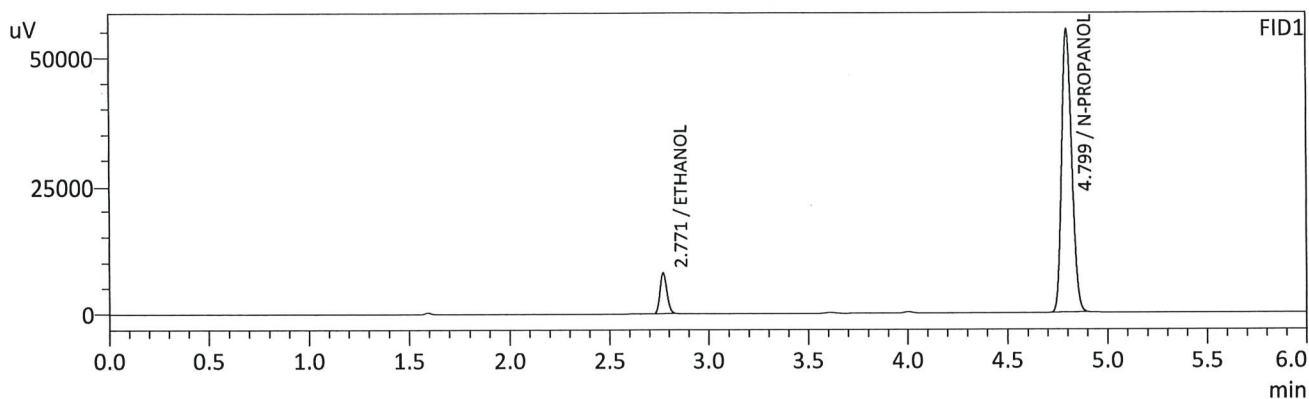
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

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
---	-------	------	------------	----------------

Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_422025_001.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 2:54:38 PM
 Date Processed : 4/3/2025 9:23:51 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

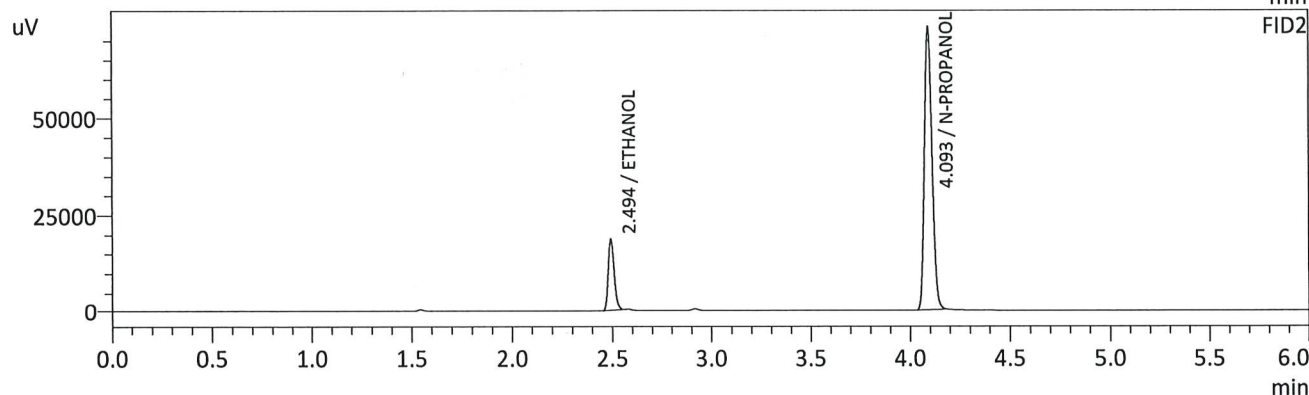
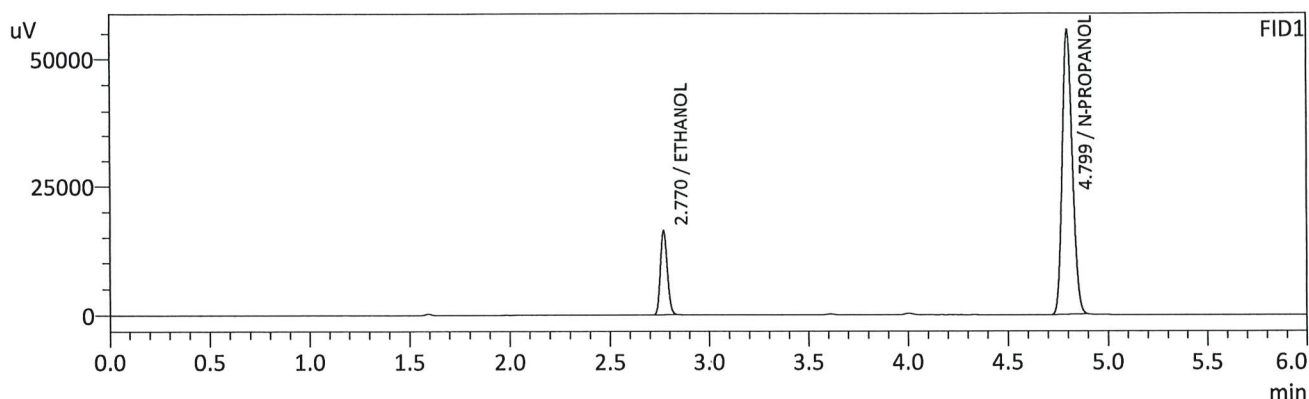
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0509	g/100cc	19324	7972
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196703	55197
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0512	g/100cc	18928	9122
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195956	72688
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_422025_002.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 3:04:09 PM
 Date Processed : 4/3/2025 9:23:55 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

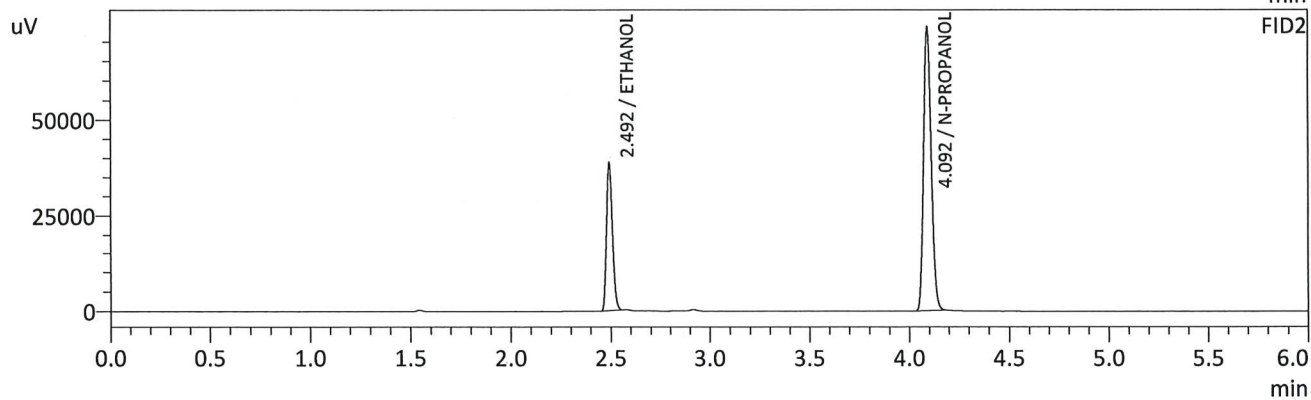
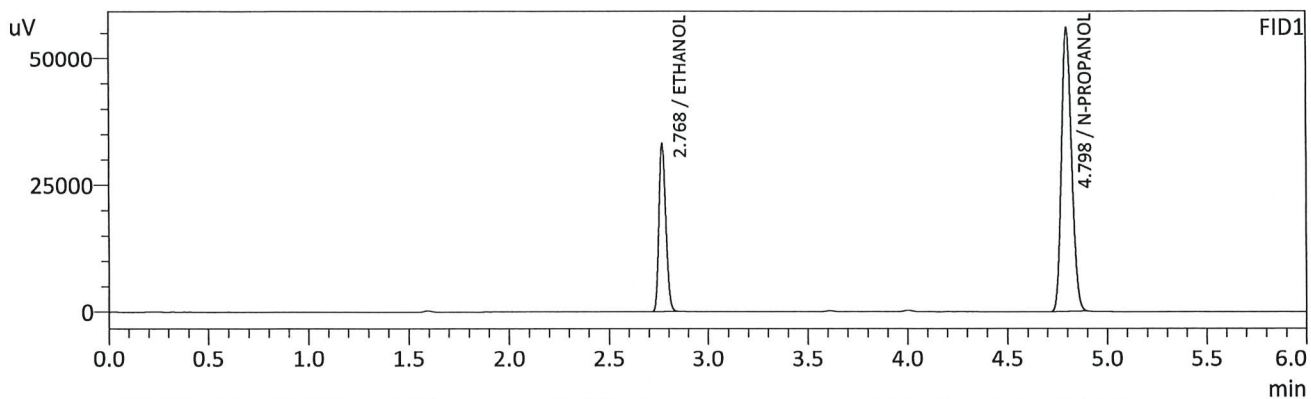
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1002	g/100cc	39186	16237
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	197122	55506
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1002	g/100cc	38654	18755
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196197	72941
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_422025_003.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 3:13:29 PM
 Date Processed : 4/3/2025 9:23:58 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



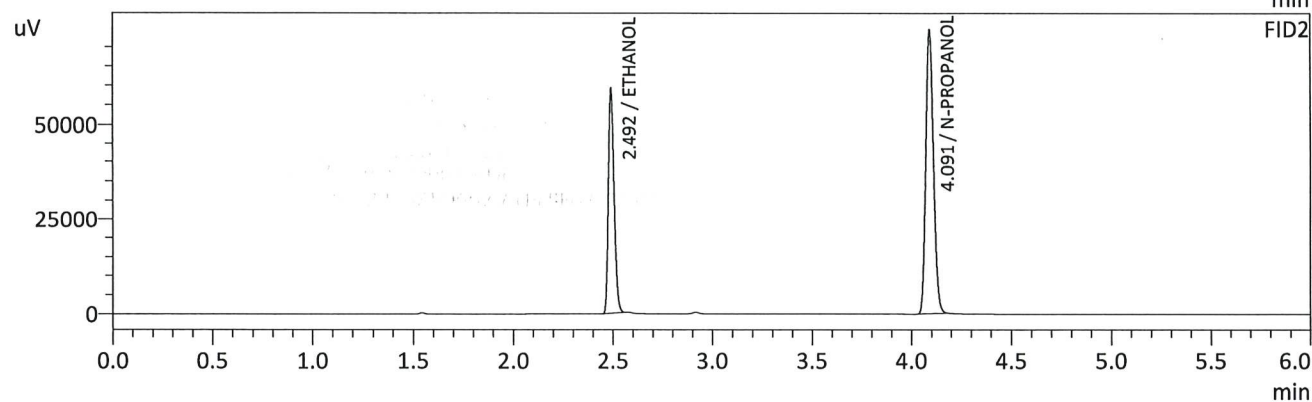
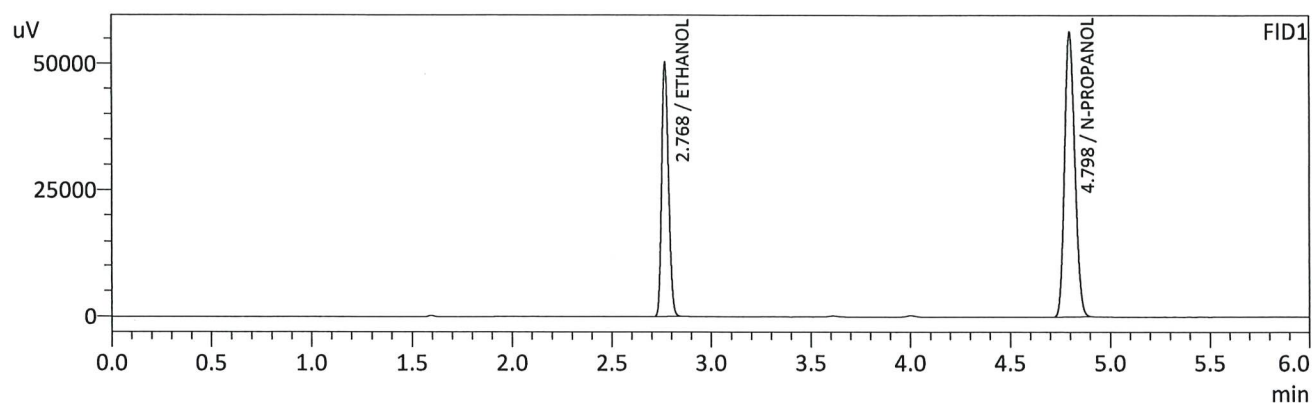
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1992	g/100cc	79573	32870
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198830	55799
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1989	g/100cc	79136	38093
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198168	73698
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_422025_004.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 3:23:17 PM
 Date Processed : 4/3/2025 9:24:01 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



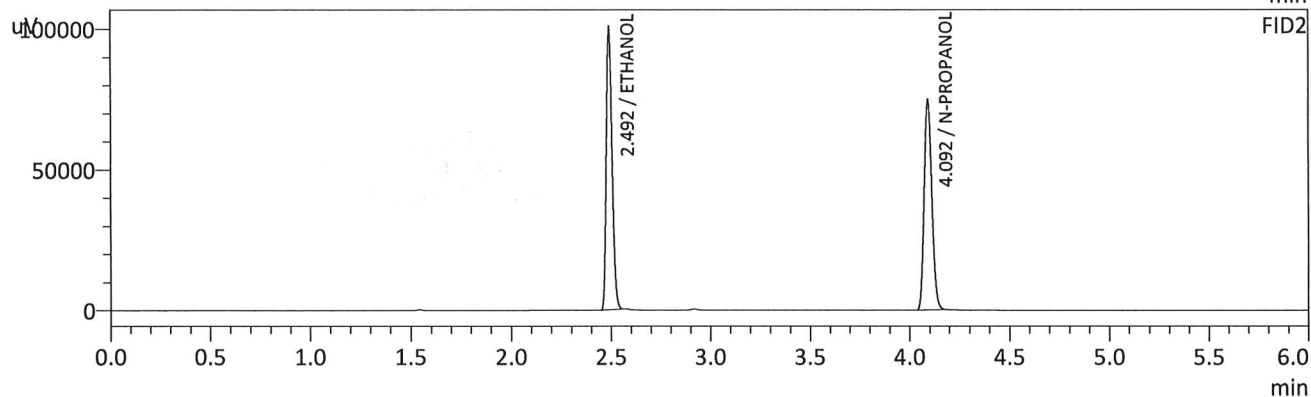
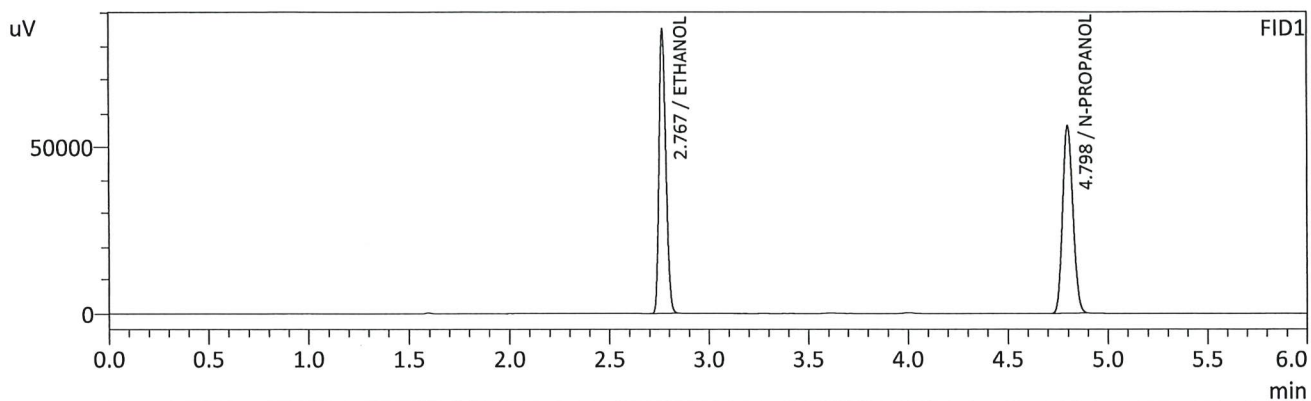
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2985	g/100cc	120288	49623
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199626	56092
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2981	g/100cc	120010	58341
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199174	74335
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_422025_005.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 3:32:45 PM
 Date Processed : 4/2/2025 3:38:46 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

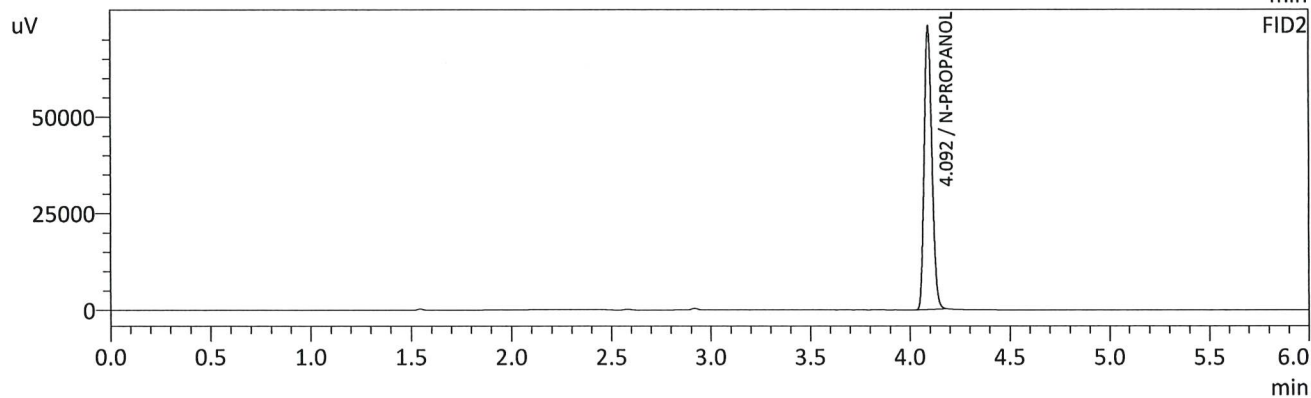
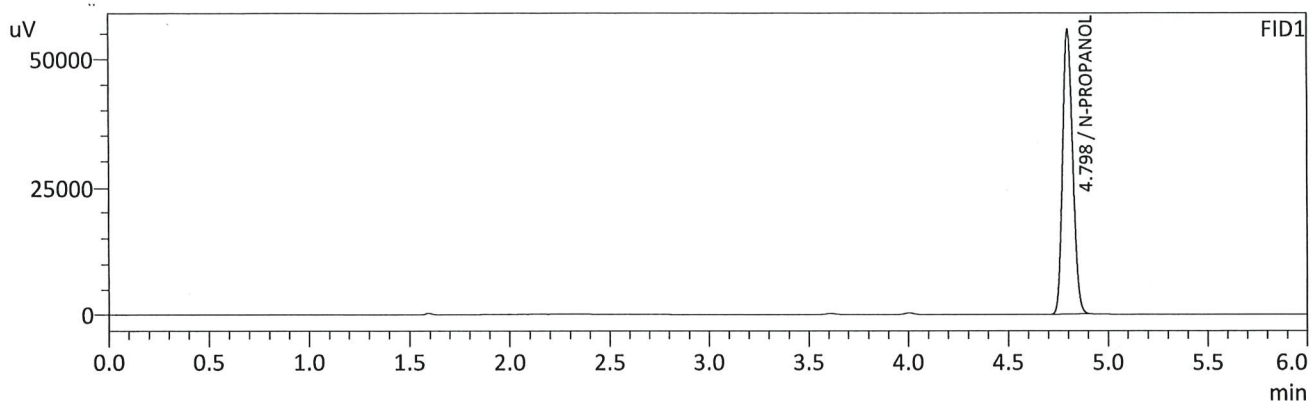
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5010	g/100cc	203177	84328
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	200231	56033
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5013	g/100cc	203870	99534
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	200097	74473
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_422025_006.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 3:42:02 PM
 Date Processed : 4/2/2025 3:48:04 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



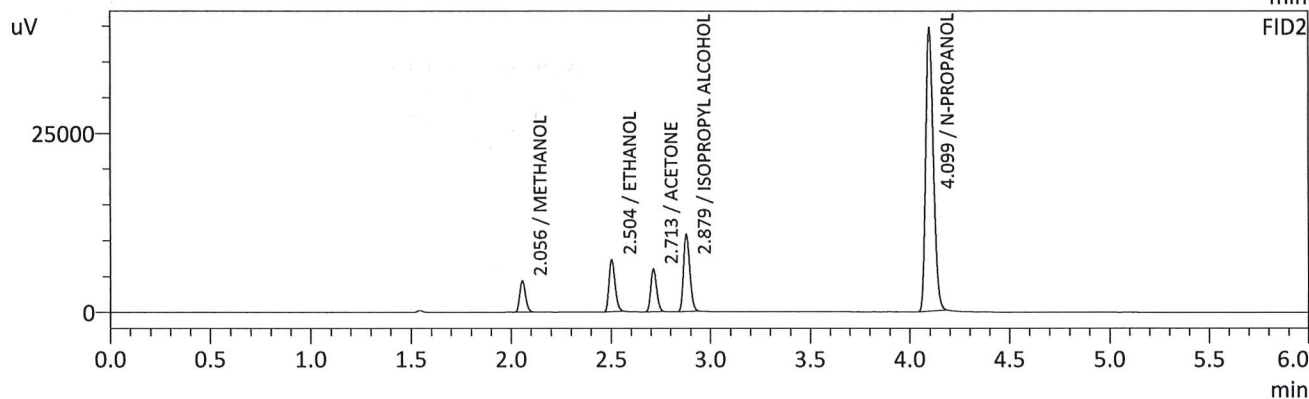
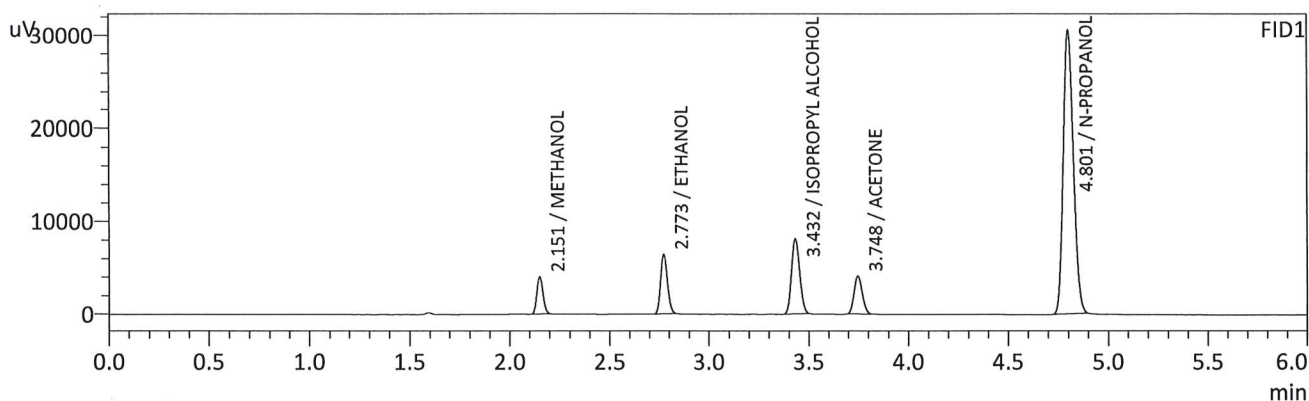
FID1

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	197587	55591
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	196047	73005
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_422025_007.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 3:51:47 PM
 Date Processed : 4/2/2025 3:57:48 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

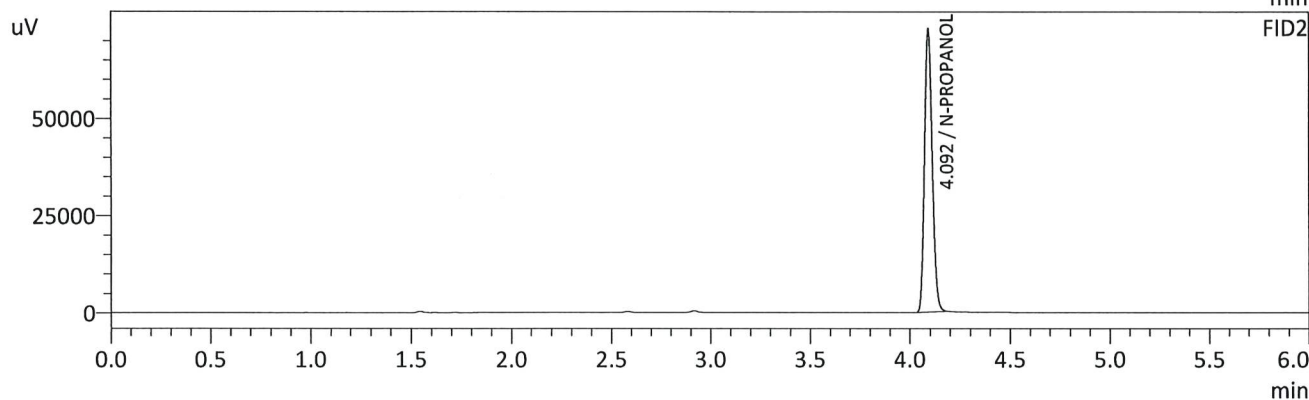
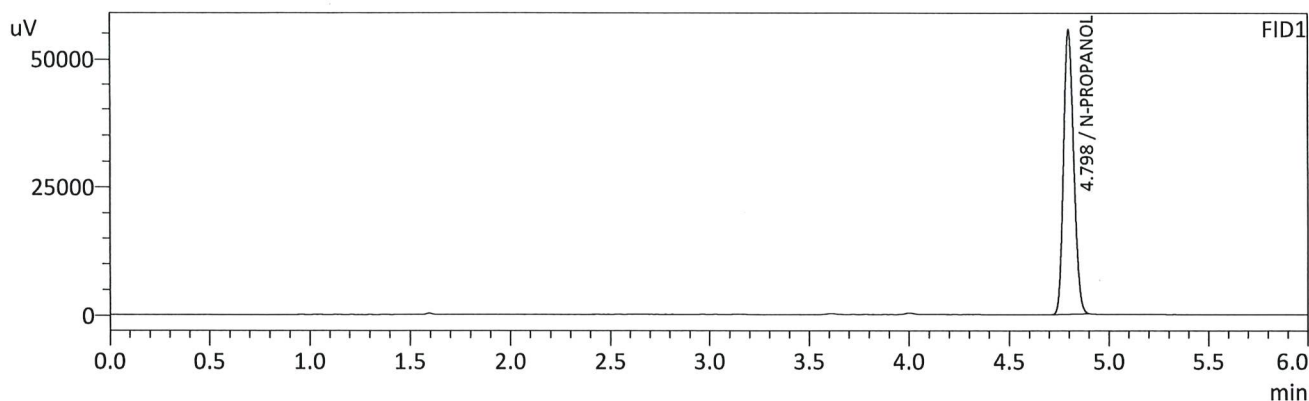
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	8697	3984
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0731	g/100cc	15475	6353
ISOPROPYL ALCOHOL	0.0000	g/100cc	23008	8096
ACETONE	0.0000	g/100cc	11801	4056
N-PROPANOL	0.0000	g/100cc	107794	30533
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	8813	4378
ETHANOL	0.0739	g/100cc	15124	7282
ACETONE	0.0000	g/100cc	12294	5962
ISOPROPYL ALCOHOL	0.0000	g/100cc	23336	10671
N-PROPANOL	0.0000	g/100cc	105634	39538
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_422025_008.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 4:01:18 PM
 Date Processed : 4/2/2025 4:07:21 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	196295	55302
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	194372	72587
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1			Analysis Date(s): 4/2/2025 4:10:36 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0820	0.0820	0.0000	0.0820	0.0002	0.0819
(g/100cc)	0.0818	0.0818	0.0000	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_04022025_RC.gcm

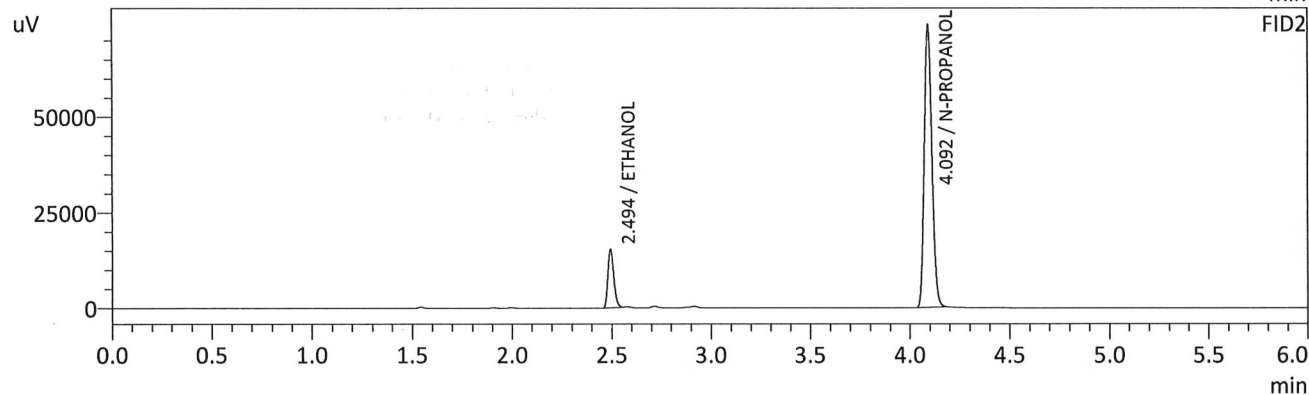
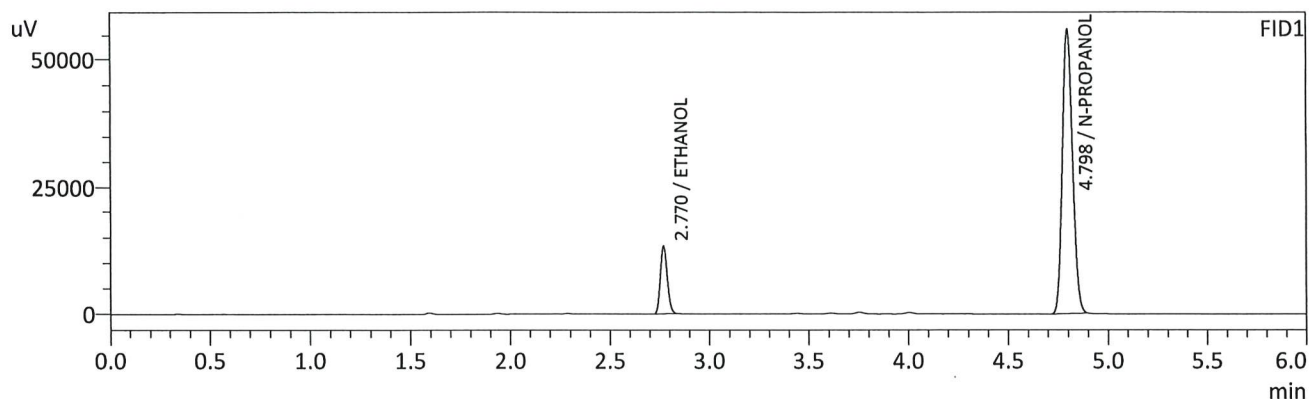
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

	Reported Results	
	0.081	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1
 Vial # : 9
 Data Filename : QC1-1_422025_009.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 4:10:36 PM
 Date Processed : 4/2/2025 4:16:38 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

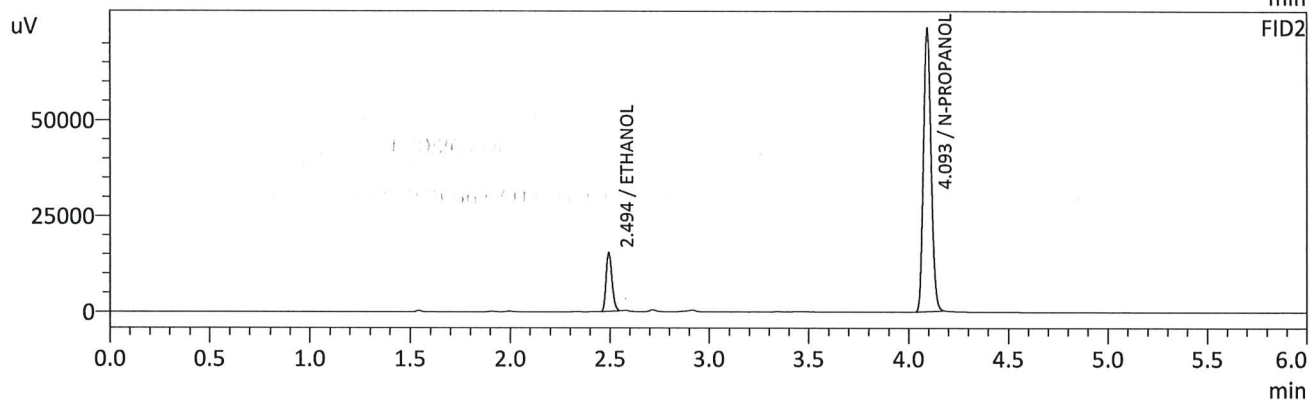
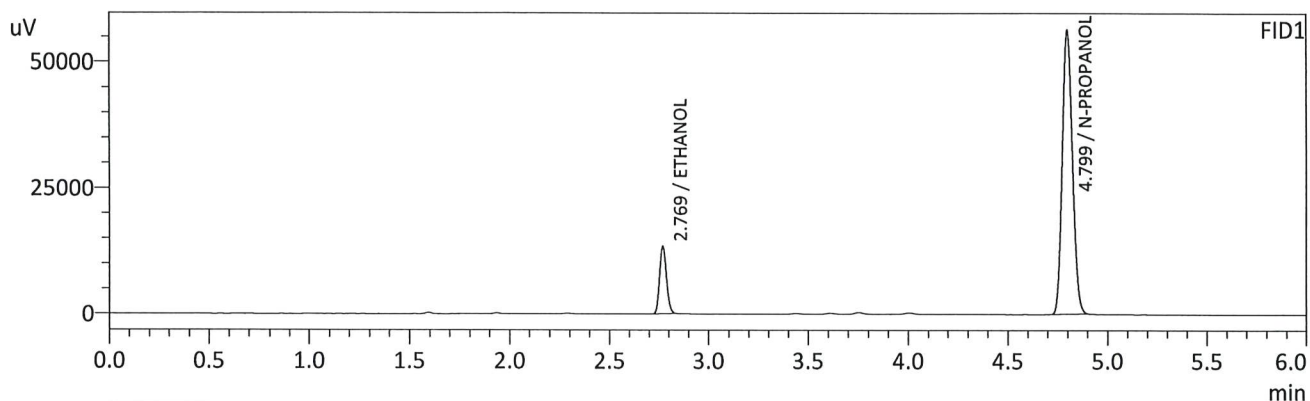
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	32205	13339
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199249	56044
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	31568	15287
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	197757	73626
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-1-B
 Vial # : 10
 Data Filename : QC1-1-B_422025_010.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 4:20:20 PM
 Date Processed : 4/2/2025 4:26:21 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	32217	13338
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199687	56225
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	31531	15278
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198048	73453
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 4/2/2025 4:29:52 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0812	0.0809	0.0003	0.0810	0.0001	0.0810
(g/100cc)	0.0811	0.0808	0.0003	0.0809		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_04022025_RC.gcm

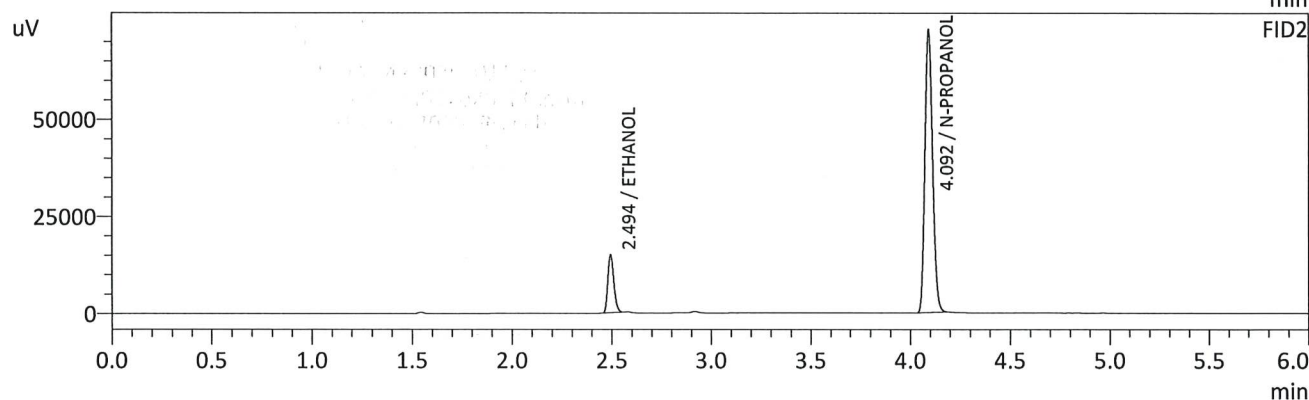
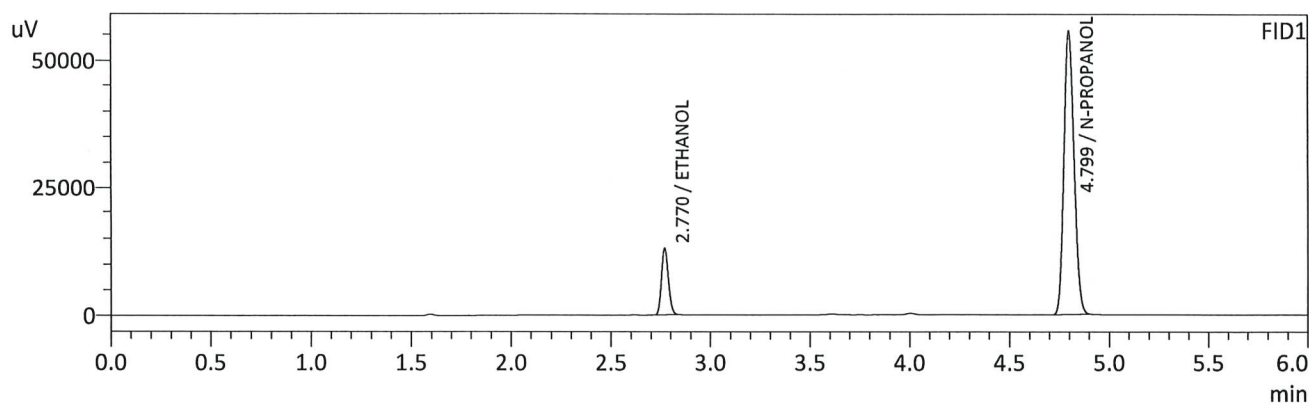
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

	Reported Results	
	0.081	

Calibration and control data are stored centrally.

RC

Sample Name : 0.08 QA
 Vial # : 11
 Data Filename : 0.08 QA_422025_011.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 4:29:52 PM
 Date Processed : 4/2/2025 4:35:53 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

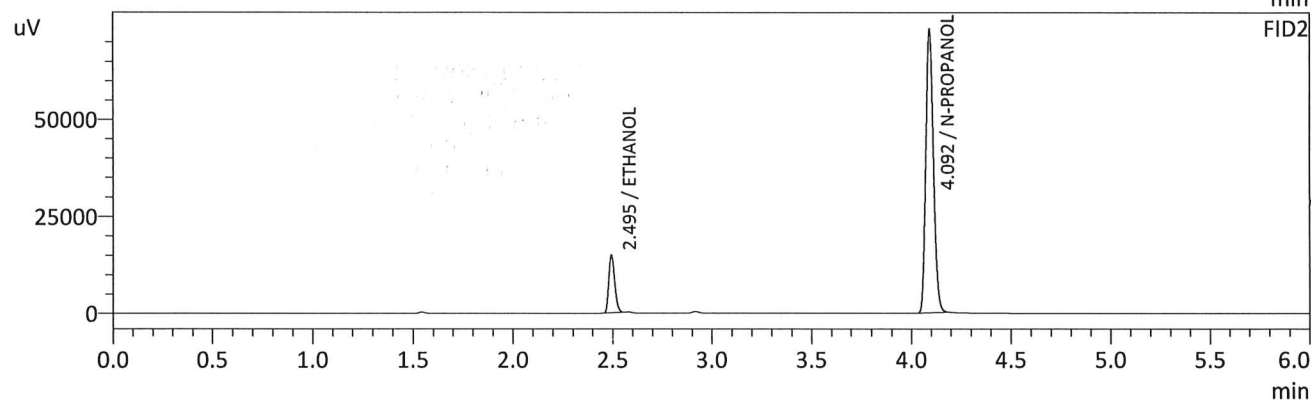
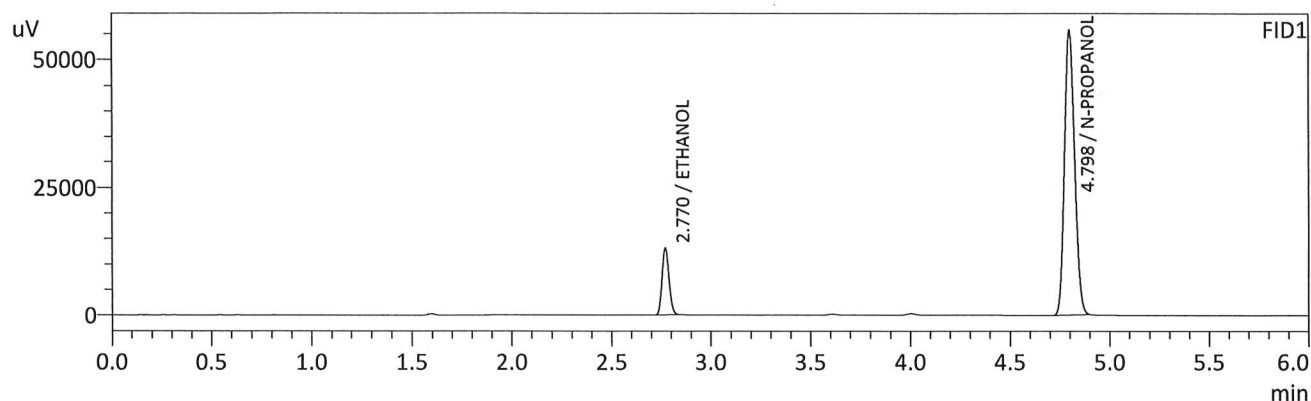
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	31474	13010
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196621	55358
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0809	g/100cc	30705	14885
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194898	72379
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_422025_012.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 4:39:10 PM
 Date Processed : 4/2/2025 4:45:11 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	31626	13092
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	197841	55529
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0808	g/100cc	30872	14954
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196239	72837
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1			Analysis Date(s): 4/2/2025 7:40:20 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2087	0.2089	0.0002	0.2088	0.0005	0.2090
(g/100cc)	0.2093	0.2094	0.0001	0.2093		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_04022025_RC.gcm

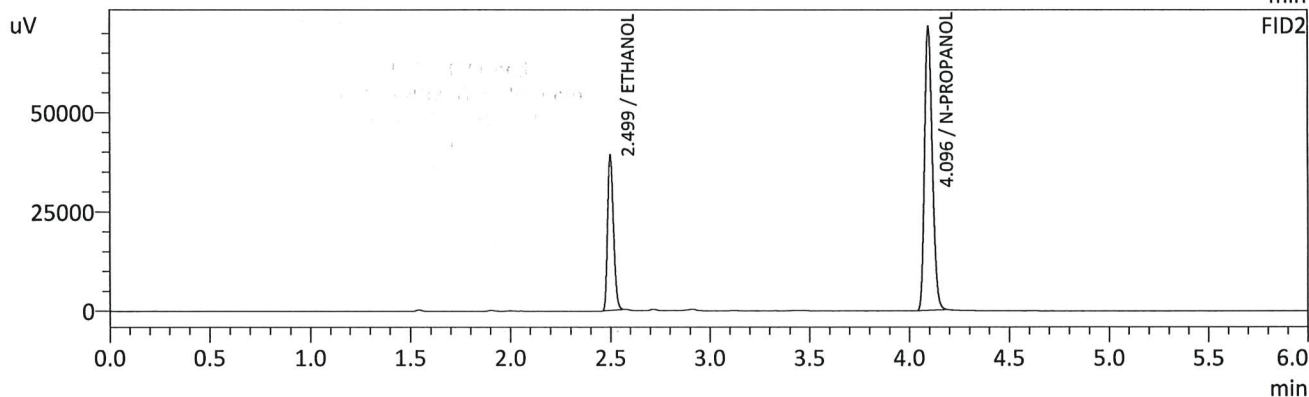
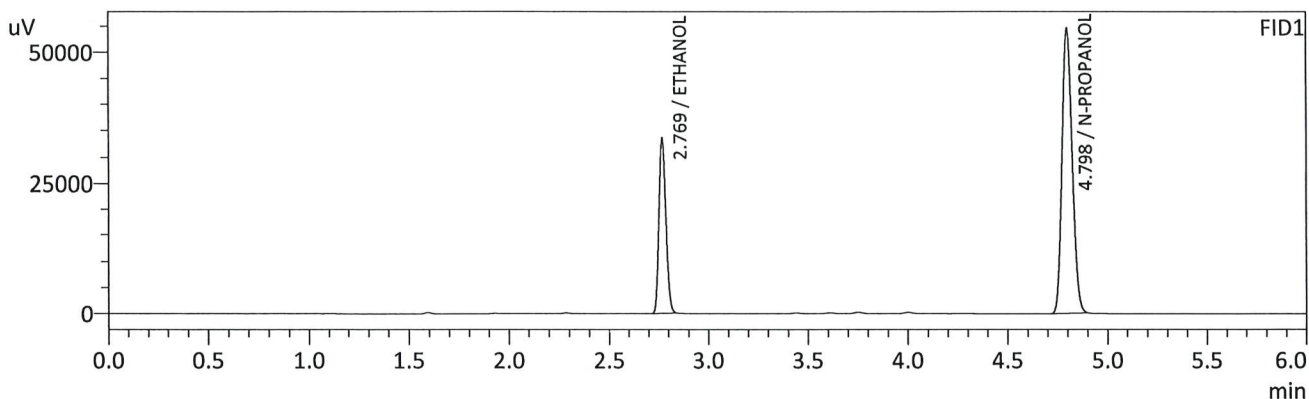
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.209	0.198	0.220	0.011

	Reported Results	
	0.209	

Calibration and control data are stored centrally.

RC

Sample Name : QC2-1
 Vial # : 31
 Data Filename : QC2-1_422025_031.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 7:40:20 PM
 Date Processed : 4/2/2025 7:46:21 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



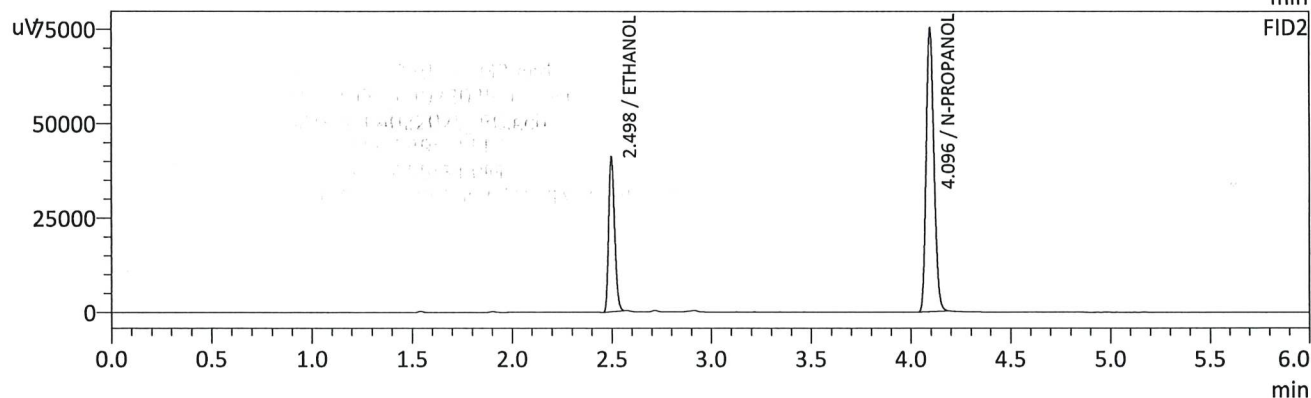
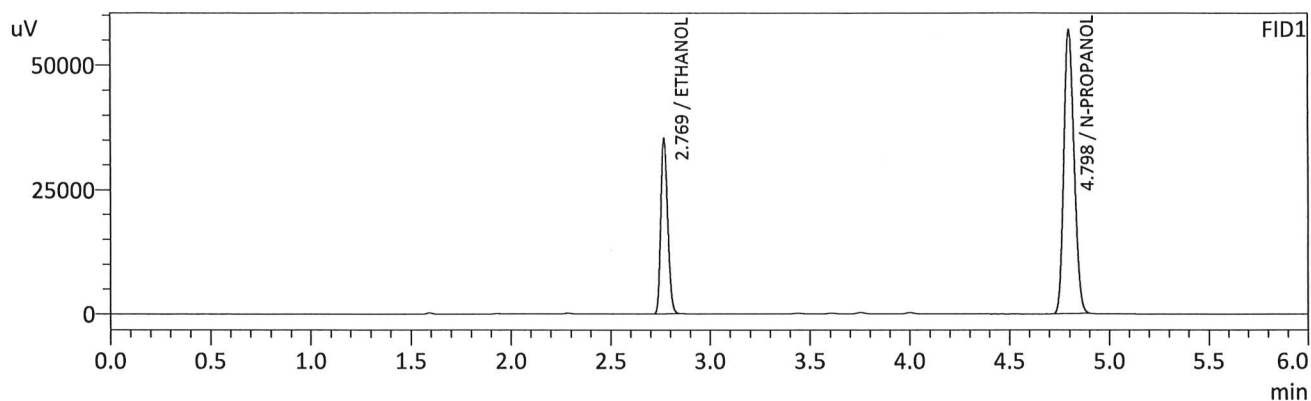
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2087	g/100cc	81282	33533
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	193728	54465
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2089	g/100cc	80512	39031
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	191839	71513
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : QC2-1-B
 Vial # : 32
 Data Filename : QC2-1-B_422025_032.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 7:49:52 PM
 Date Processed : 4/2/2025 7:55:54 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2093	g/100cc	85286	35190
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	202673	56886
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2094	g/100cc	84563	40861
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	200952	74955
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2			Analysis Date(s): 4/2/2025 11:09:52 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0892	0.0886	0.0006	0.0889	0.0009	0.0884
(g/100cc)	0.0883	0.0878	0.0005	0.0880		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_04022025_RC.gcm

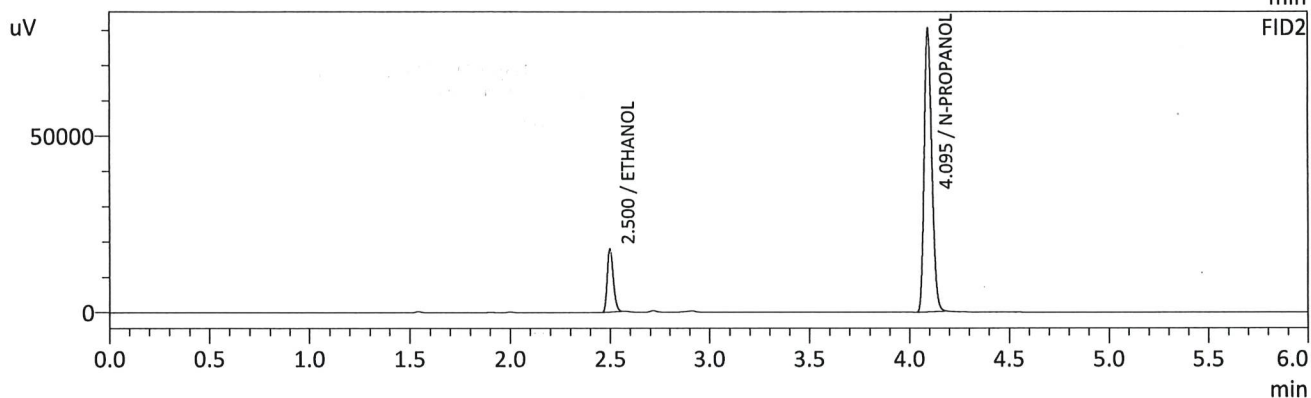
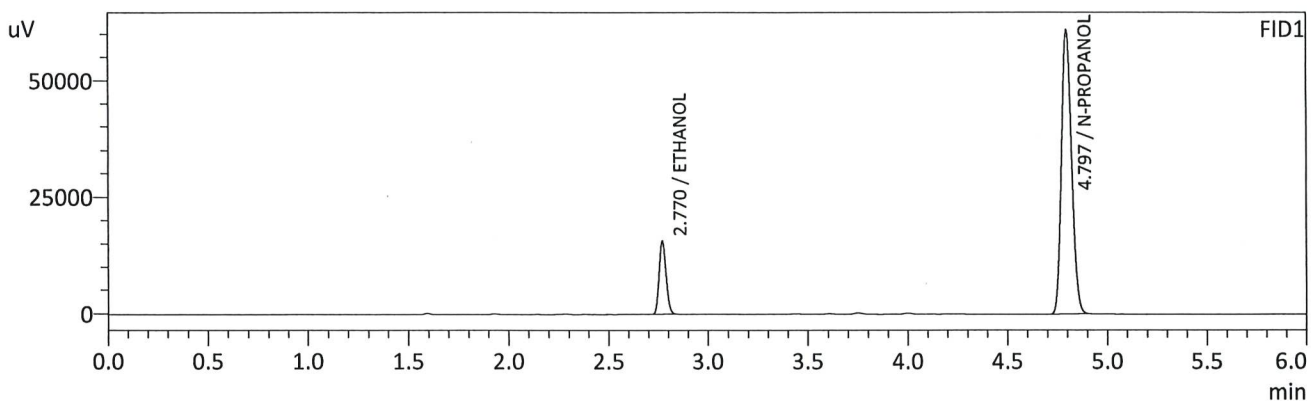
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.088	0.083	0.093	0.005

	Reported Results	
	0.088	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-2
 Vial # : 53
 Data Filename : QC1-2_422025_053.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 11:09:52 PM
 Date Processed : 4/2/2025 11:15:53 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

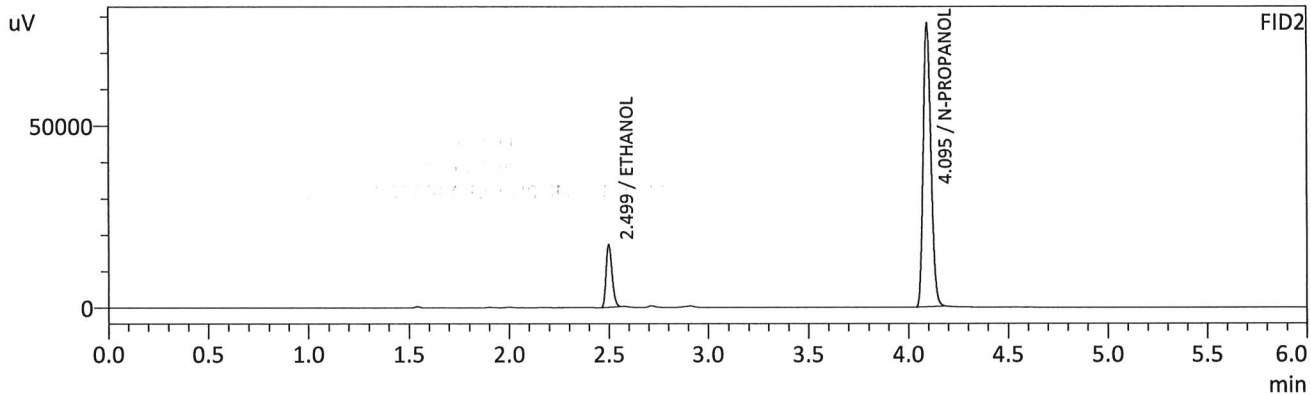
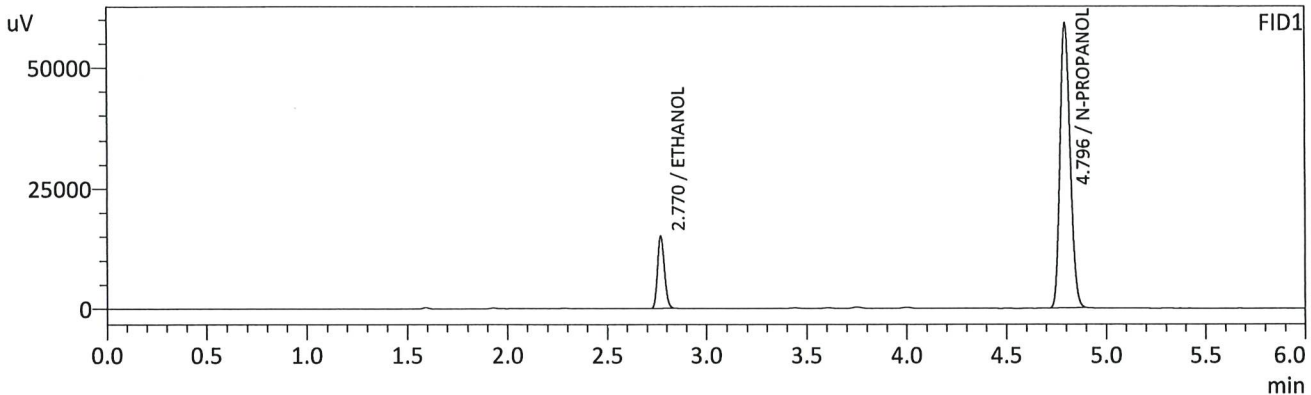
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0892	g/100cc	38018	15648
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	215630	60765
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0886	g/100cc	37094	17865
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	214189	80303
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : QC1-2-B
 Vial # : 54
 Data Filename : QC1-2-B_422025_054.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 11:19:09 PM
 Date Processed : 4/2/2025 11:25:11 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

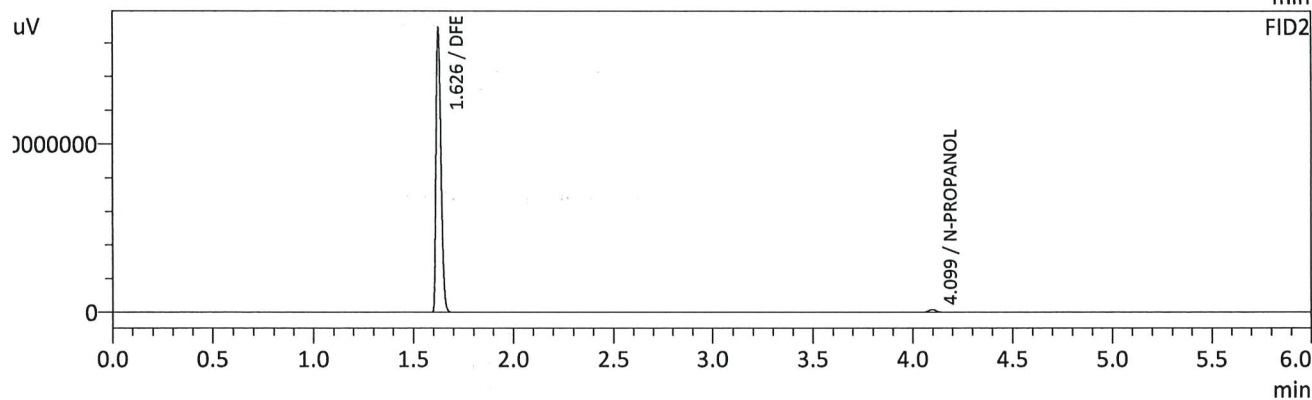
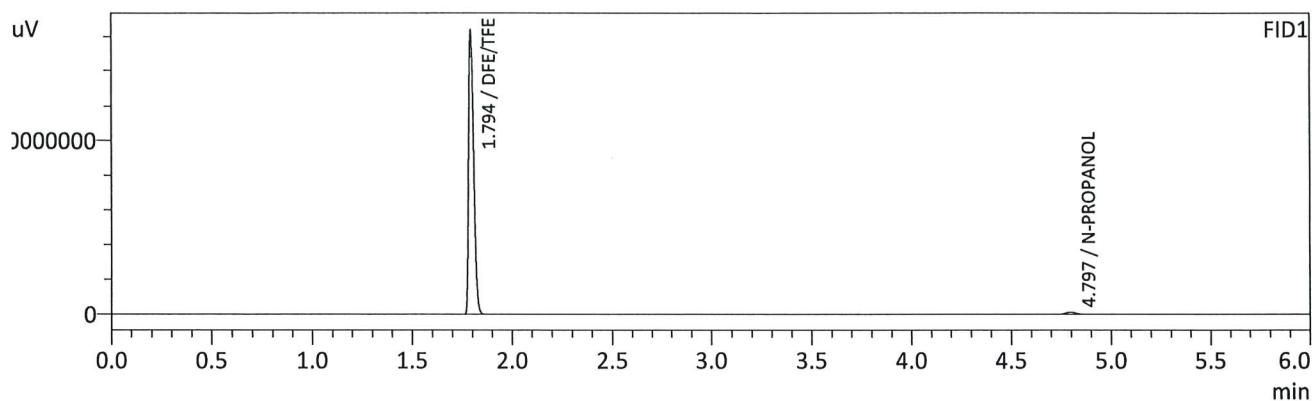
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0883	g/100cc	36631	15076
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	209811	59074
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0878	g/100cc	35734	17205
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	208279	77825
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : DFE OMO4736
 Vial # : 55
 Data Filename : DFE OMO4736_422025_055.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 11:28:59 PM
 Date Processed : 4/2/2025 11:34:59 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

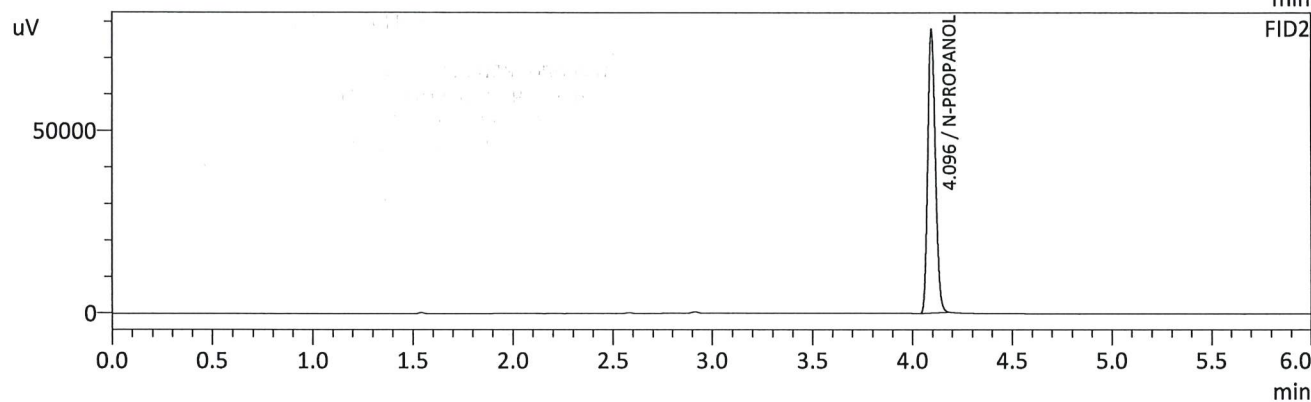
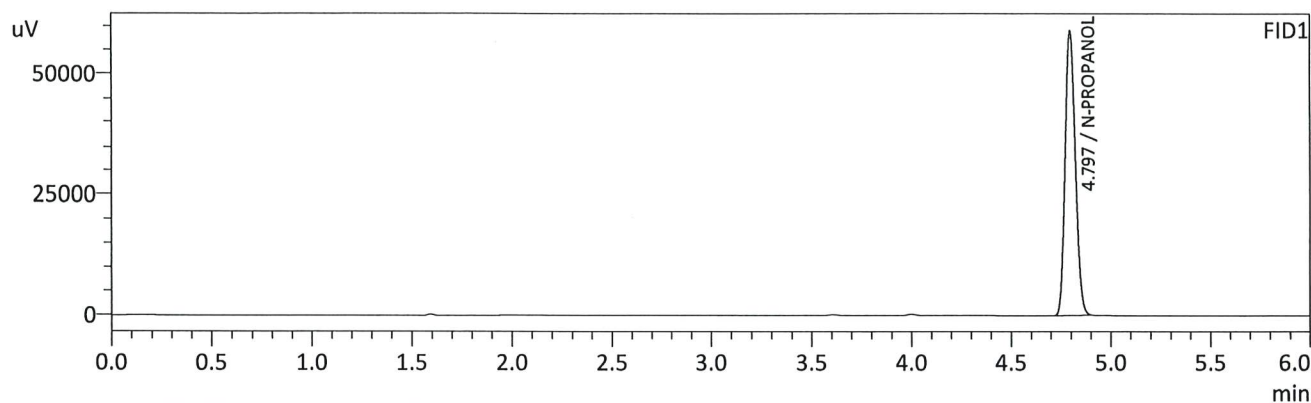
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	432099	122510
DFE/TFE	0.0000	g/100cc	28796478	16273456
DME	--	g/100cc	--	--

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	431822	162967
DFE	0.0000	g/100cc	28688285	16811074
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 56
 Data Filename : INT STD BLK 3_422025_056.gcd
 Method Filename : ALCOHOL_04022025_RC.gcm
 Batch Filename : BATCH_04022025_RC.gcb
 Date Acquired : 4/2/2025 11:38:23 PM
 Date Processed : 4/2/2025 11:44:25 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	209318	58934
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	207808	77847
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	0.050	1:Standard:(R)	ALCOHOL_04022025_RC.gcm		1
2	0.100	1:Standard:(R)	ALCOHOL_04022025_RC.gcm		2
3	0.200	1:Standard:(R)	ALCOHOL_04022025_RC.gcm		3
4	0.300	1:Standard:(R)	ALCOHOL_04022025_RC.gcm		4
5	0.500	1:Standard:(R)	ALCOHOL_04022025_RC.gcm		5
6	INT STD BLK 1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_04022025_RC.gcm		1
8	INT STD BLK 2	0:Unknown	ALCOHOL_04022025_RC.gcm		0
9	QC1-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
10	QC1-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
11	0.08 QA	0:Unknown	ALCOHOL_04022025_RC.gcm		0
12	0.08 QA - B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
13	P2025-0776-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
14	P2025-0776-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
15	P2025-0785-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
16	P2025-0785-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
17	P2025-0789-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
18	P2025-0789-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
19	P2025-0794-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
20	P2025-0794-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
21	P2025-0797-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
22	P2025-0797-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
23	P2025-0801-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
24	P2025-0801-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
25	P2025-0803-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
26	P2025-0803-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
27	P2025-0813-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
28	P2025-0813-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
29	P2025-0814-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
30	P2025-0814-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
31	QC2-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
32	QC2-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
33	P2025-0824-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
34	P2025-0824-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
35	P2025-0841-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
36	P2025-0841-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
37	P2025-0842-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
38	P2025-0842-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
39	P2025-0845-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
40	P2025-0845-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
41	P2025-0847-2	0:Unknown	ALCOHOL_04022025_RC.gcm		0
42	P2025-0847-2-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
43	P2025-0851-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
44	P2025-0851-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
45	P2025-0855-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
46	P2025-0855-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
47	P2025-0861-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
48	P2025-0861-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
49	P2025-0863-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
50	P2025-0863-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
51	P2025-0864-1	0:Unknown	ALCOHOL_04022025_RC.gcm		0
52	P2025-0864-1-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
53	QC1-2	0:Unknown	ALCOHOL_04022025_RC.gcm		0
54	QC1-2-B	0:Unknown	ALCOHOL_04022025_RC.gcm		0
55	DFE OMO4736	0:Unknown	ALCOHOL_04022025_RC.gcm		0
56	INT STD BLK 3	0:Unknown	ALCOHOL_04022025_RC.gcm		0