

REVIEWED

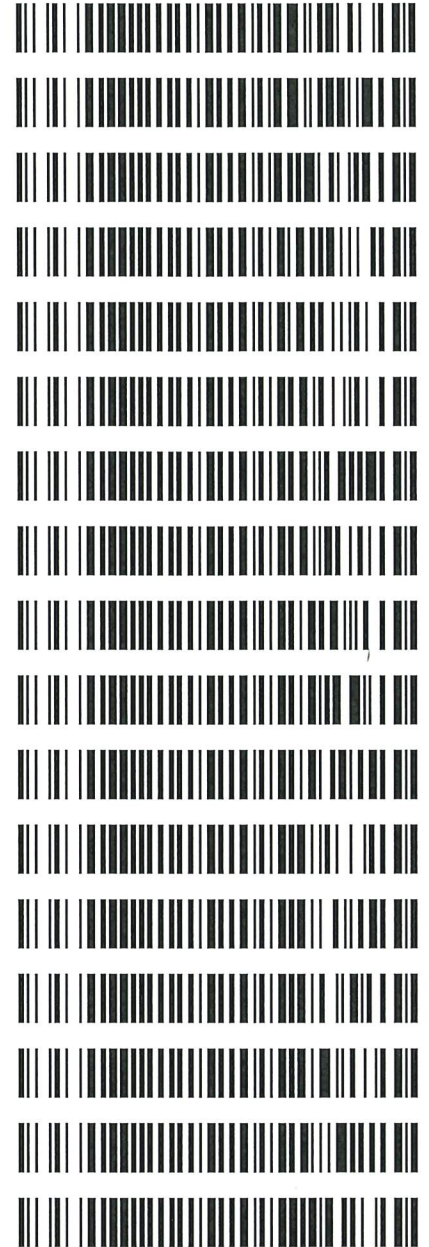
By Melissa (Nikka) Bradley at 3:23 pm, Dec 16, 2024

NB

12/13/2024

Worklist: 6997

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2024-3696	1	BCK	Alcohol Analysis
P2024-3697	1	BCK	Alcohol Analysis
P2024-3711	1	BCK	Alcohol Analysis
P2024-3718	1	BCK	Alcohol Analysis
P2024-3720	1	BCK	Alcohol Analysis
P2024-3731	1	BCK	Alcohol Analysis
P2024-3732	1	BCK	Alcohol Analysis
P2024-3733	1	BCK	Alcohol Analysis
P2024-3749	1	BCK	Alcohol Analysis
P2024-3755	1	BCK	Alcohol Analysis
P2024-3756	1	BCK	Alcohol Analysis
P2024-3758	1	BCK	Alcohol Analysis
P2024-3760	2	BCK	Alcohol Analysis
P2024-3761	1	BCK	Alcohol Analysis
P2024-3765	1	BCK	Alcohol Analysis
P2024-3769	1	BCK	Alcohol Analysis
P2024-3770	1	BCK	Alcohol Analysis



upc

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): 12/13/24

Calibration Date: (if different) : 12/4/24

Worklist #: 6997

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
					g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2066 g/100cc
					0.2134 g/100cc
Multi-Component mixture:		Exp:	2028 May	Lot # FN02162310	OK
Curve Fit:			Column 1	0.99992	Column2
					0.99991

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0512	0.0515	0.0003	0.0513
100	0.100	0.090 - 0.110	0.1005	0.1004	0.0001	0.1004
200	0.200	0.180 - 0.220	0.1985	0.1983	0.0002	0.1984
300	0.300	0.270 - 0.330	0.2981	0.2980	1E-04	0.298
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5014	0.5015	1E-04	0.5014

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worksheet #: **6997** Run Date(s): **12/13/24**

Internal Standard Solution: _____ Prep Date: **11/26/2024** Exp Date: **5/26/2025**

Sample Name	Column 1 Value	Column 2 Value
0.080	182059	180404
0.080	181610	180076
QC1	183873	182251
QC1	184081	182560
QC1		
QC1		
QC1		
QC1		
QC2	180779	179500
QC2	182543	181292
QC2	189378	188706
QC2	194547	193800
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	184858.8	147887.0	221830.5
Column 2	183573.6	146858.9	220288.4

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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_120424_RC.gcm
Batch File :Default Project - BATCH_120424_RC.gcb
Date Acquired :12/4/2024 3:14:15 PM
Date Created :12/4/2024 3:10:45 PM
Date Modified :12/4/2024 3:20:16 PM



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

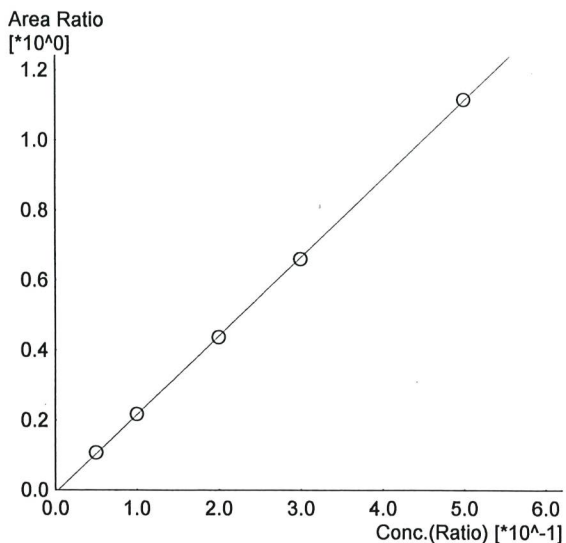
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

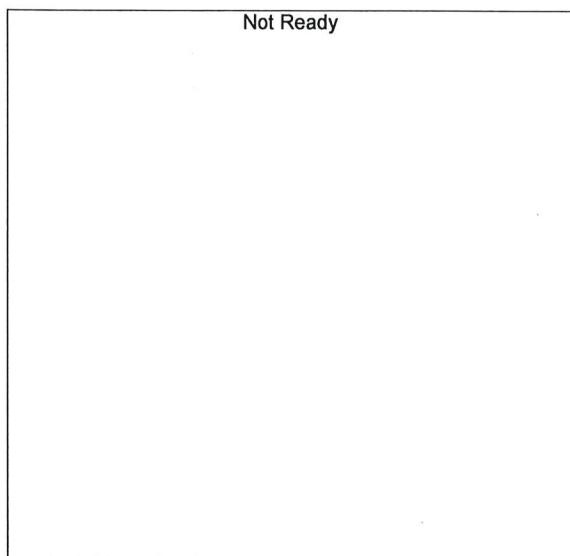
#	Conc.	Area	Std. Conc.	Data File Name
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RC



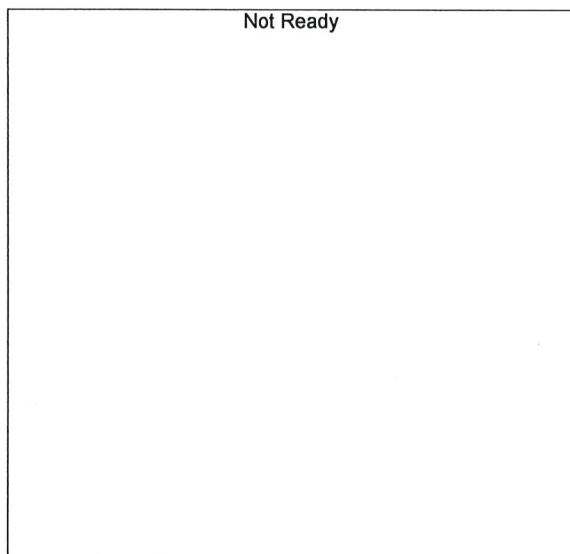
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.24011*x-0.00802893$
 R² value= 0.9999246 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19265	0.0512	0.050_1242024_001.gcd
2	0.100	39422	0.1005	0.100_1242024_002.gcd
3	0.200	80043	0.1985	0.200_1242024_003.gcd
4	0.300	121151	0.2981	0.300_1242024_004.gcd
5	0.500	205007	0.5014	0.500_1242024_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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Handwritten signature/initials

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

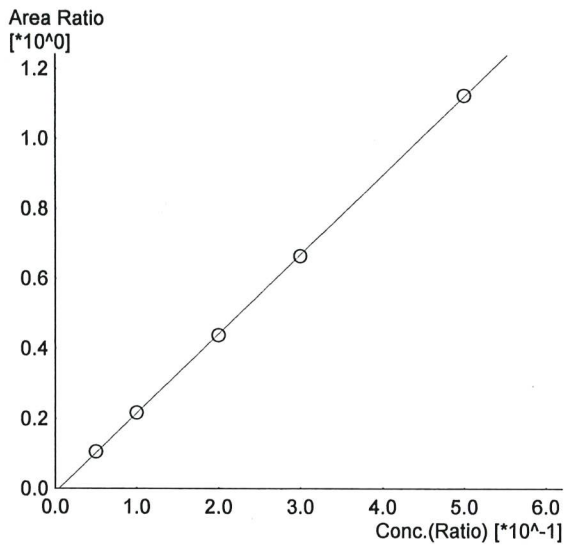
#	Conc.	Area	Std. Conc.	Data File Name
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RC



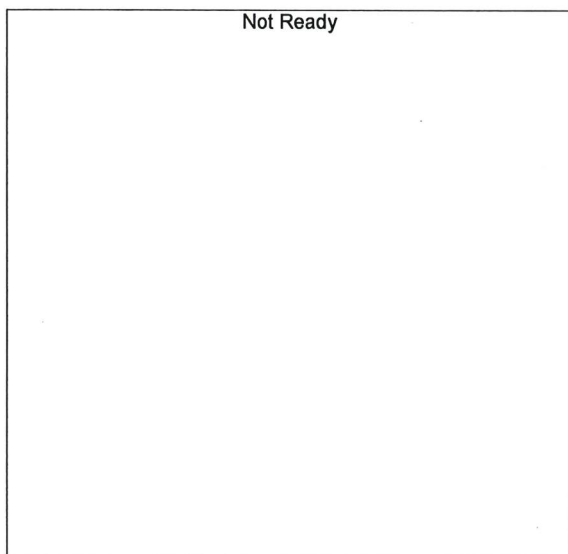
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.26232*x-0.0110177$
 R² value= 0.9999113 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18939	0.0515	0.050_1242024_001.gcd
2	0.100	39053	0.1004	0.100_1242024_002.gcd
3	0.200	79856	0.1983	0.200_1242024_003.gcd
4	0.300	121443	0.2980	0.300_1242024_004.gcd
5	0.500	206228	0.5015	0.500_1242024_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

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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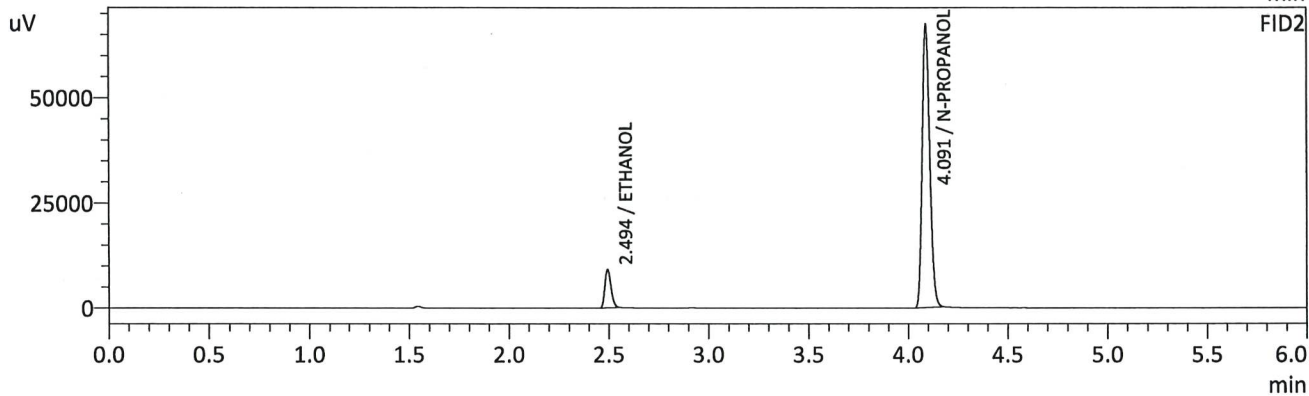
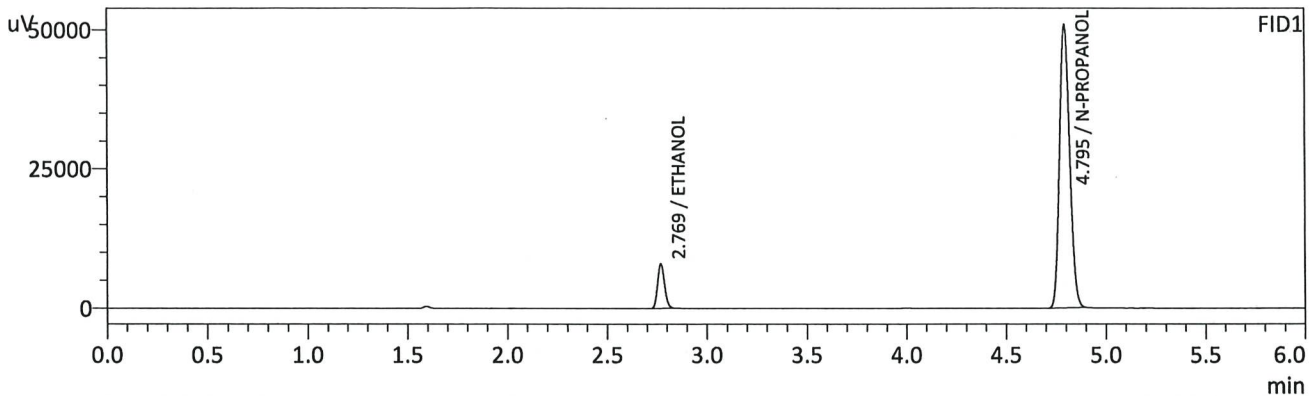
Not Ready

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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RC

Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_1242024_001.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_120424_RC.gcb
 Date Acquired : 12/4/2024 2:36:07 PM
 Date Processed : 12/5/2024 7:59:29 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

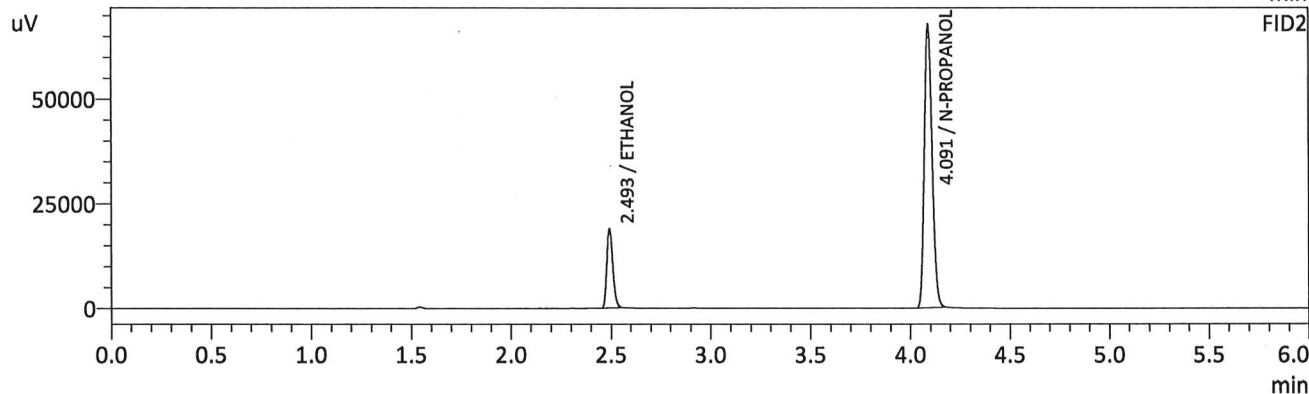
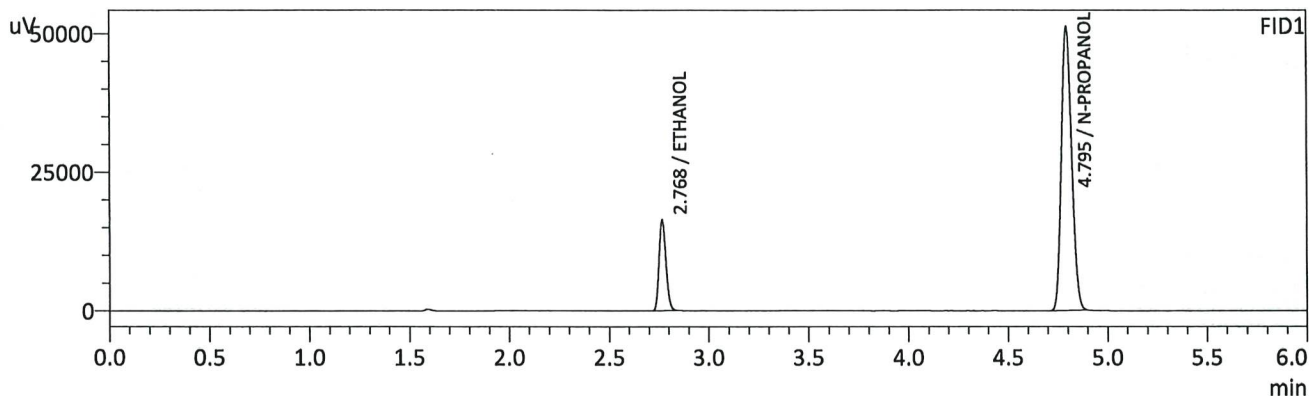
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0512	g/100cc	19265	7958
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180271	50882
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0515	g/100cc	18939	9097
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179477	67335
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

ARC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_1242024_002.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_120424_RC.gcb
 Date Acquired : 12/4/2024 2:45:38 PM
 Date Processed : 12/5/2024 7:59:34 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

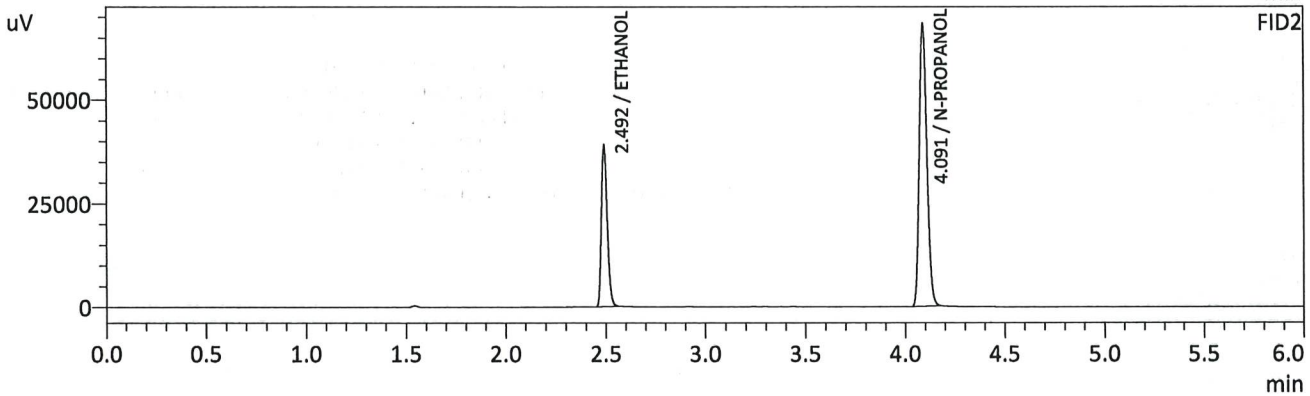
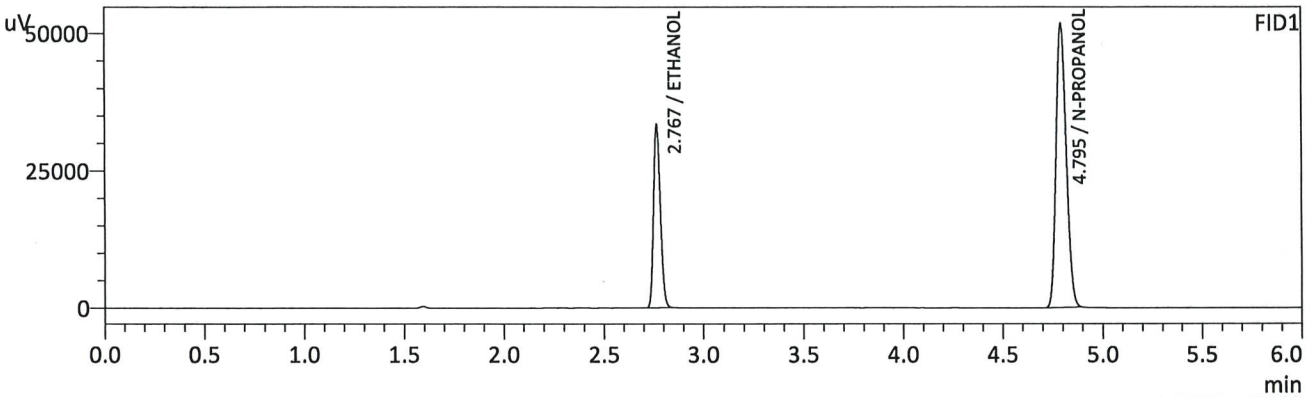
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	39422	16208
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181457	51165
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1004	g/100cc	39053	18702
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180524	67696
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_1242024_003.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_120424_RC.gcb
 Date Acquired : 12/4/2024 2:54:58 PM
 Date Processed : 12/5/2024 7:59:38 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

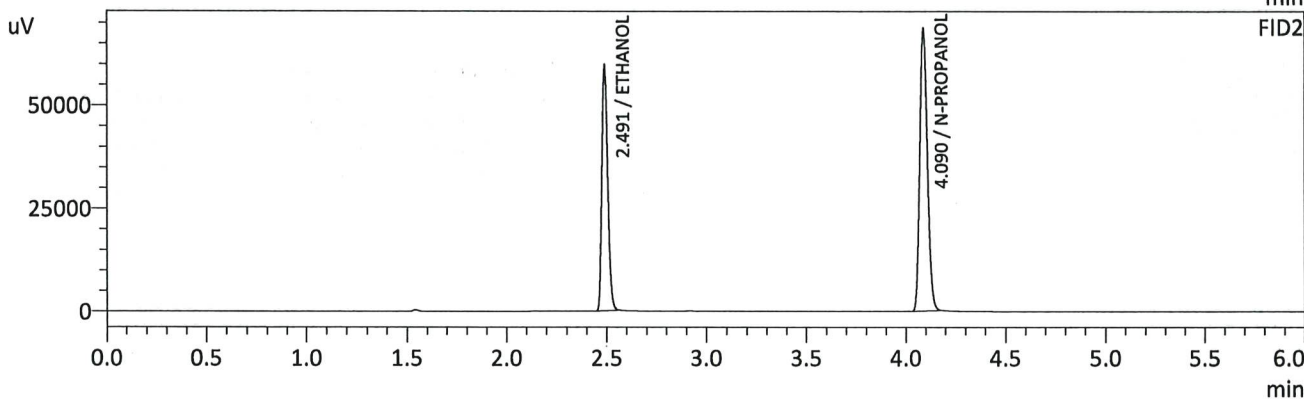
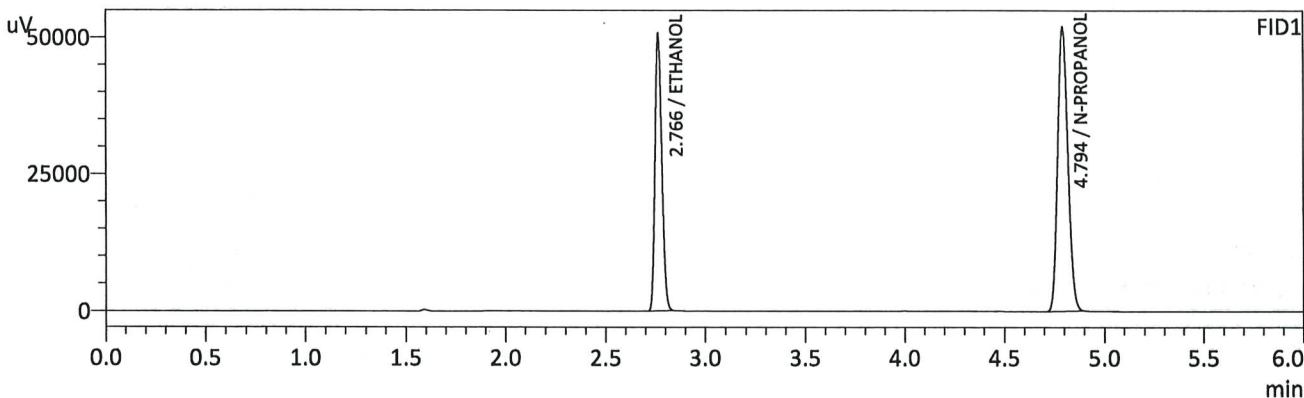
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1985	g/100cc	80043	33229
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183277	51733
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1983	g/100cc	79856	38755
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182445	68269
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_1242024_004.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_120424_RC.gcb
 Date Acquired : 12/4/2024 3:04:42 PM
 Date Processed : 12/5/2024 7:59:42 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

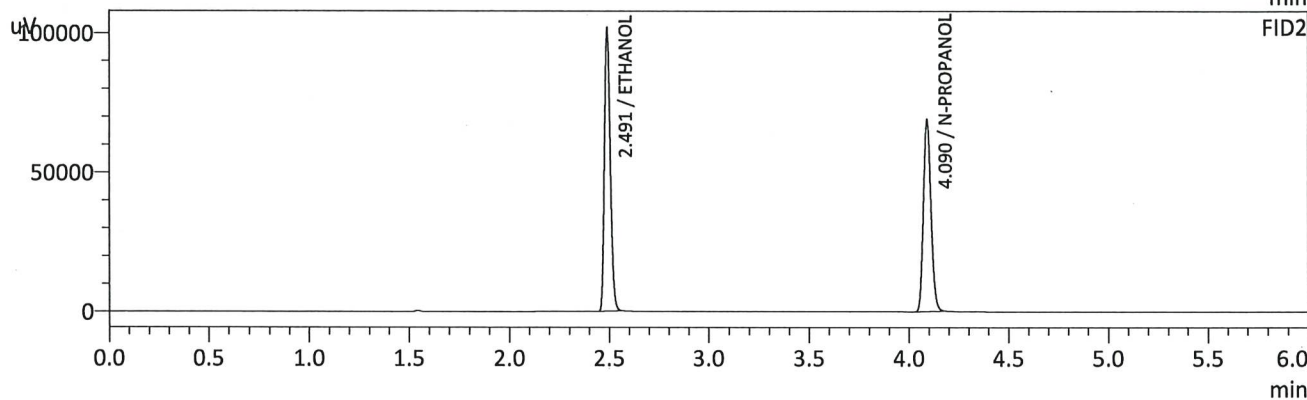
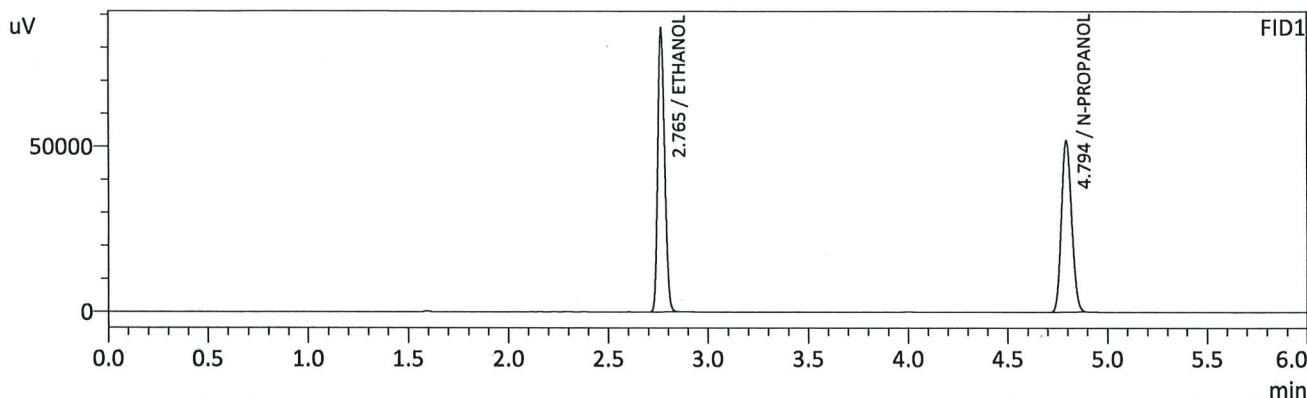
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2981	g/100cc	121151	50554
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183604	51815
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2980	g/100cc	121443	59370
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183074	68450
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CR

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_1242024_005.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_120424_RC.gcb
 Date Acquired : 12/4/2024 3:14:15 PM
 Date Processed : 12/4/2024 3:20:16 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

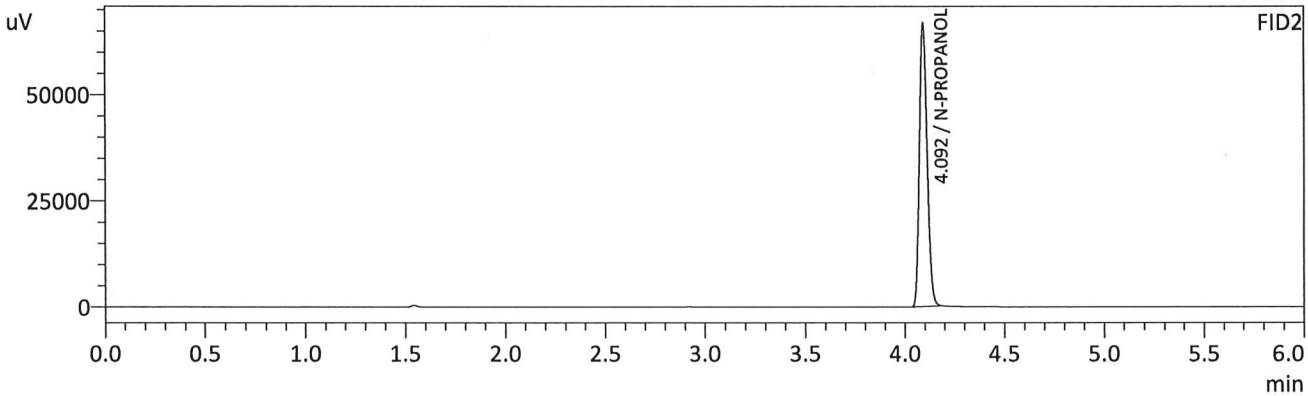
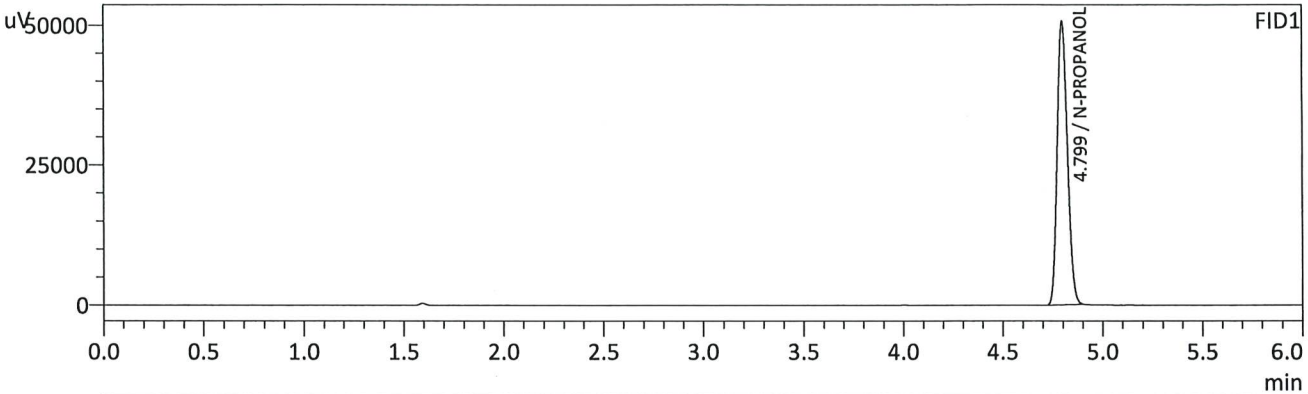
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	205007	85859
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183817	51798
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5015	g/100cc	206228	101324
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183531	68882
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_12132024_001.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 12:07:57 PM
 Date Processed : 12/13/2024 12:13:59 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

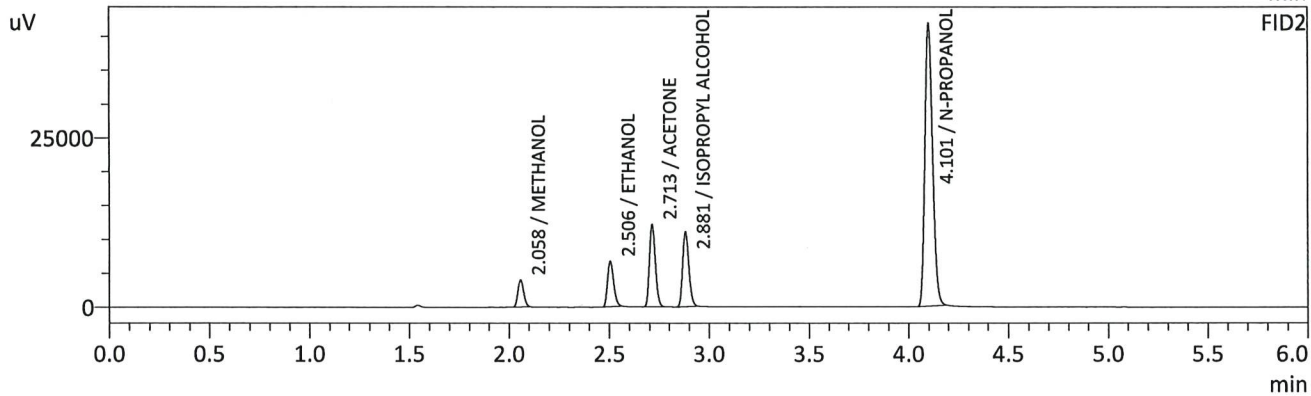
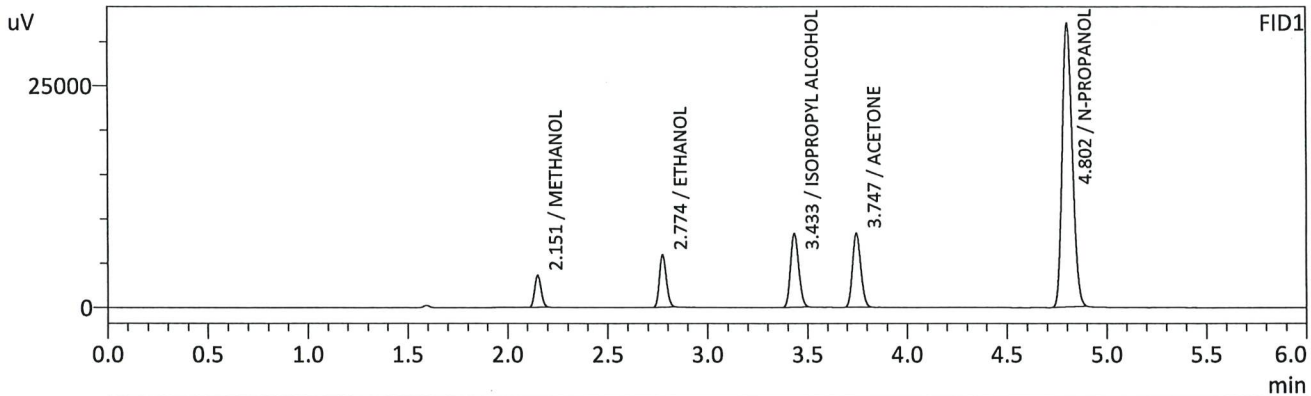
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180442	50607
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

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	179559	66446
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_12132024_002.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 12:17:27 PM
 Date Processed : 12/13/2024 12:23:29 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

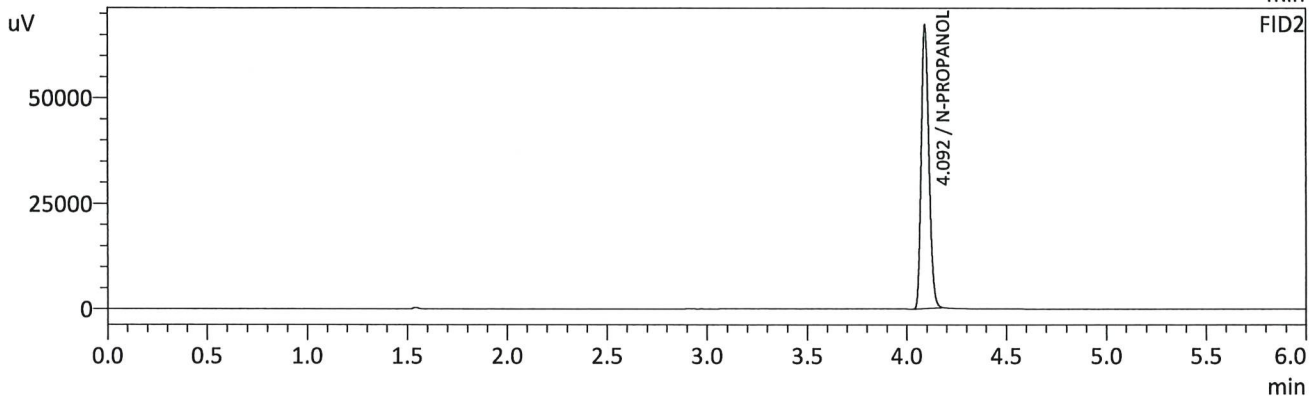
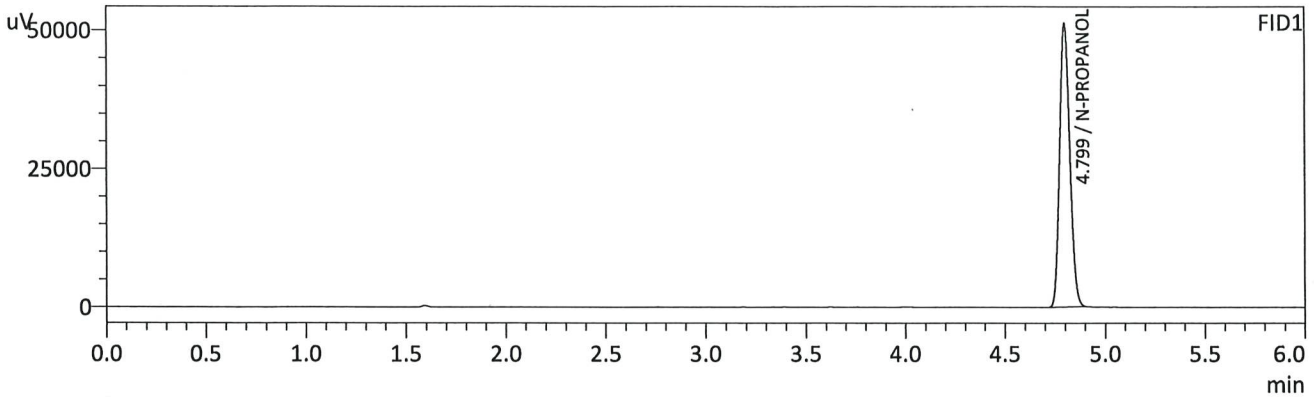
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	7921	3558
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0599	g/100cc	14321	5870
ISOPROPYL ALCOHOL	0.0000	g/100cc	23673	8289
ACETONE	0.0000	g/100cc	24341	8307
N-PROPANOL	0.0000	g/100cc	113491	31886
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	8157	3926
ETHANOL	0.0603	g/100cc	14006	6612
ACETONE	0.0000	g/100cc	25162	12097
ISOPROPYL ALCOHOL	0.0000	g/100cc	24017	10988
N-PROPANOL	0.0000	g/100cc	111640	41720
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_12132024_003.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 12:26:47 PM
 Date Processed : 12/13/2024 12:32:49 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	181341	51193
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	179256	66930
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 12/13/2024 12:36:32 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0827	0.0826	0.0001	0.0826	0.0001	0.0825
(g/100cc)	0.0826	0.0824	0.0002	0.0825		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

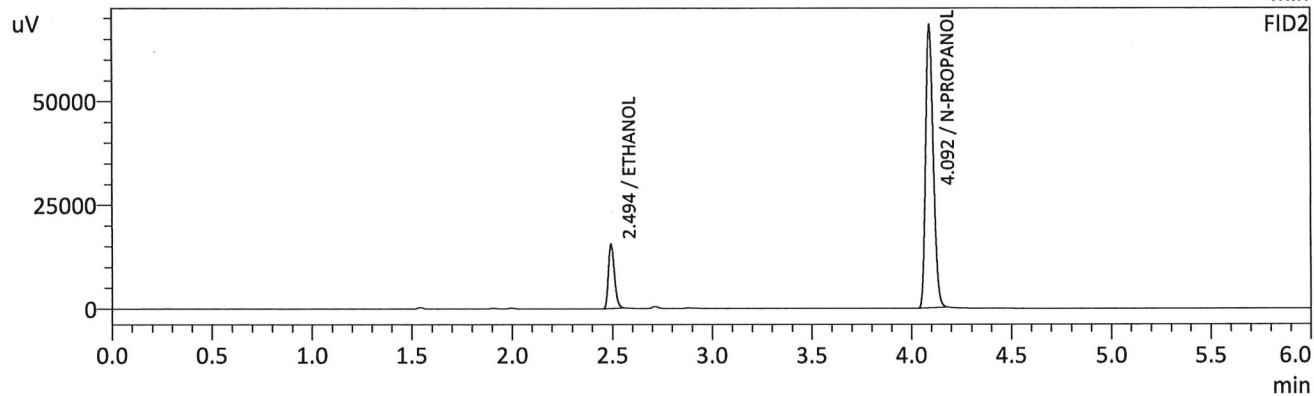
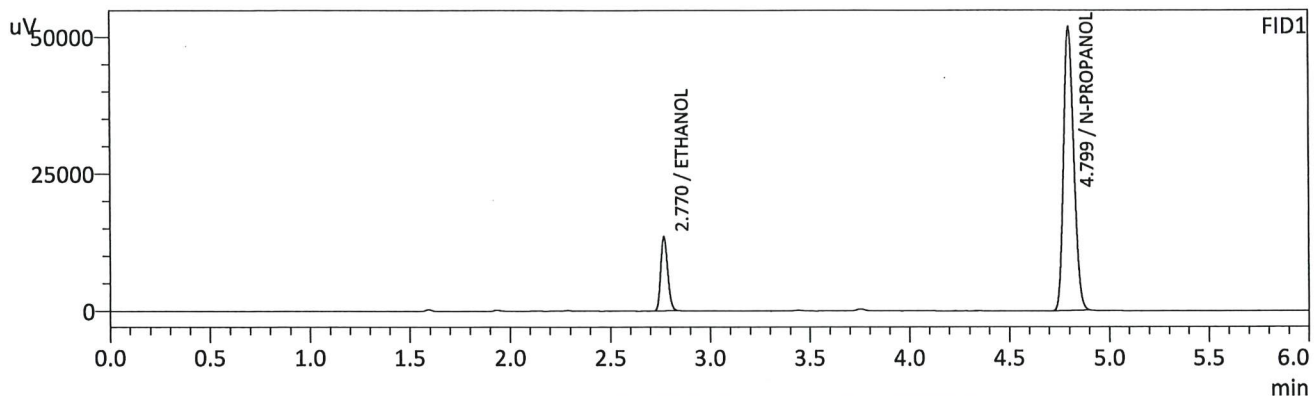
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results	
0.082	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1
 Vial # : 4
 Data Filename : QC1-1_12132024_004.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 12:36:32 PM
 Date Processed : 12/13/2024 12:42:34 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

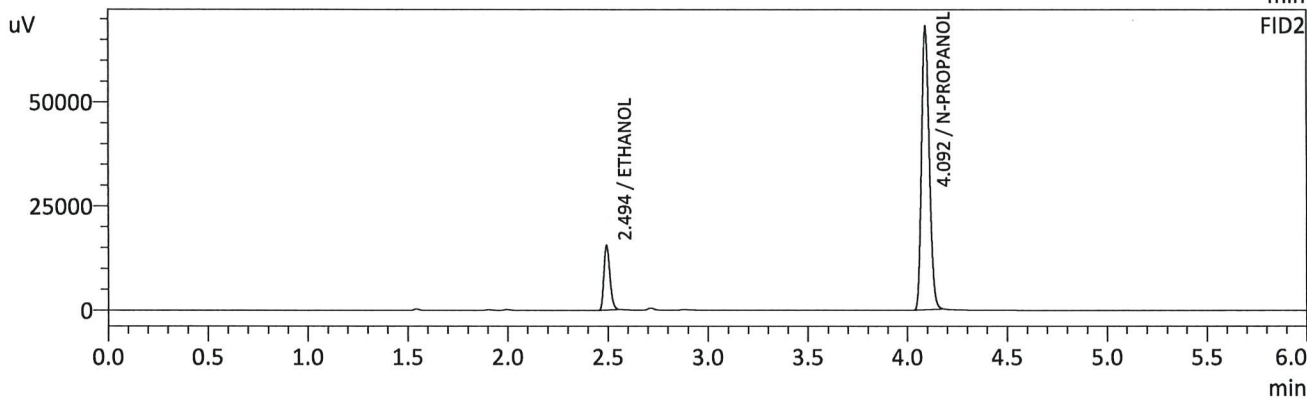
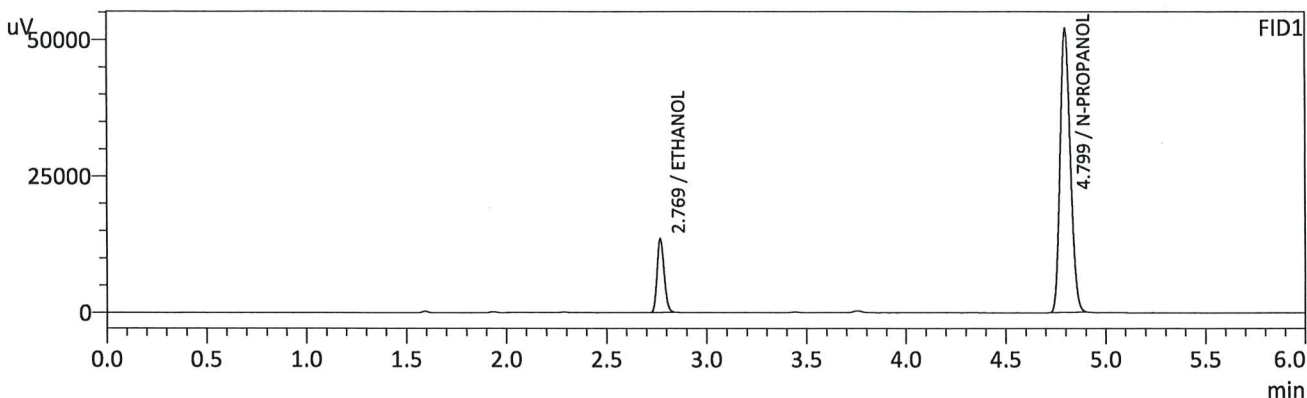
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0827	g/100cc	32589	13471
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183873	51748
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0826	g/100cc	32080	15416
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182251	67864
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_12132024_005.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 12:46:04 PM
 Date Processed : 12/13/2024 12:52:06 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0826	g/100cc	32596	13460
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184081	51991
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0824	g/100cc	32037	15389
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182560	67857
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 12/13/2024 12:55:21 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0811	0.0811	0.0000	0.0811	0.0000	0.0811
(g/100cc)	0.0813	0.0810	0.0003	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

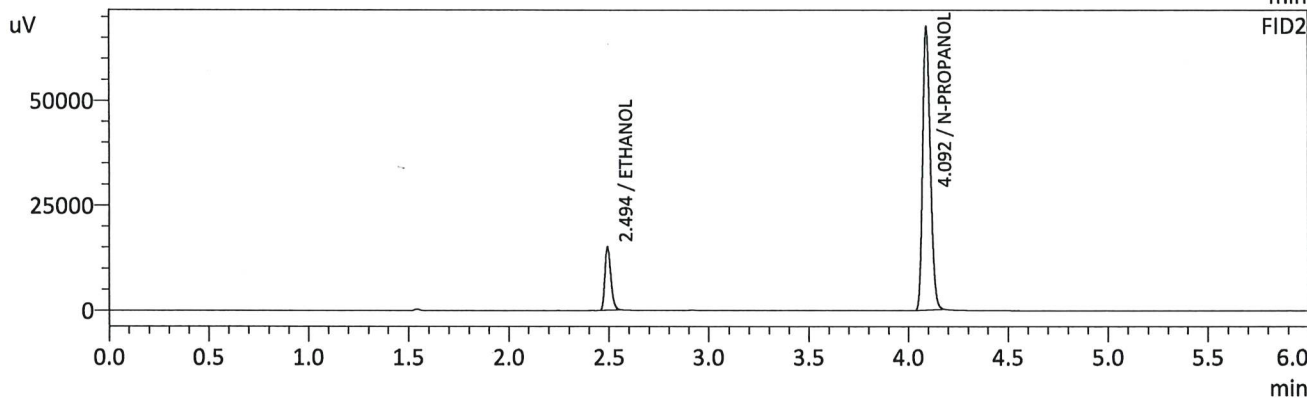
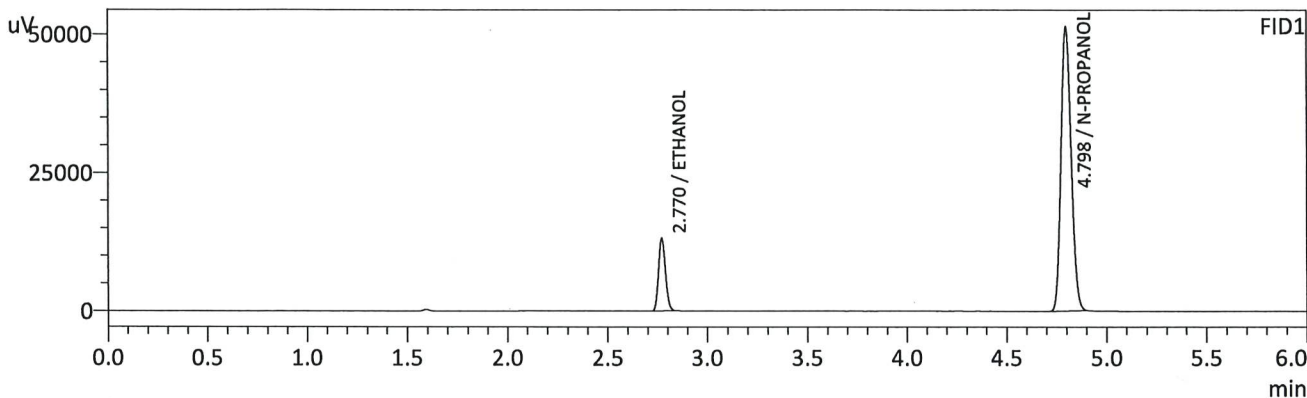
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results	
0.081	

Calibration and control data are stored centrally.

RC

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_12132024_006.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 12:55:21 PM
 Date Processed : 12/13/2024 1:01:23 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

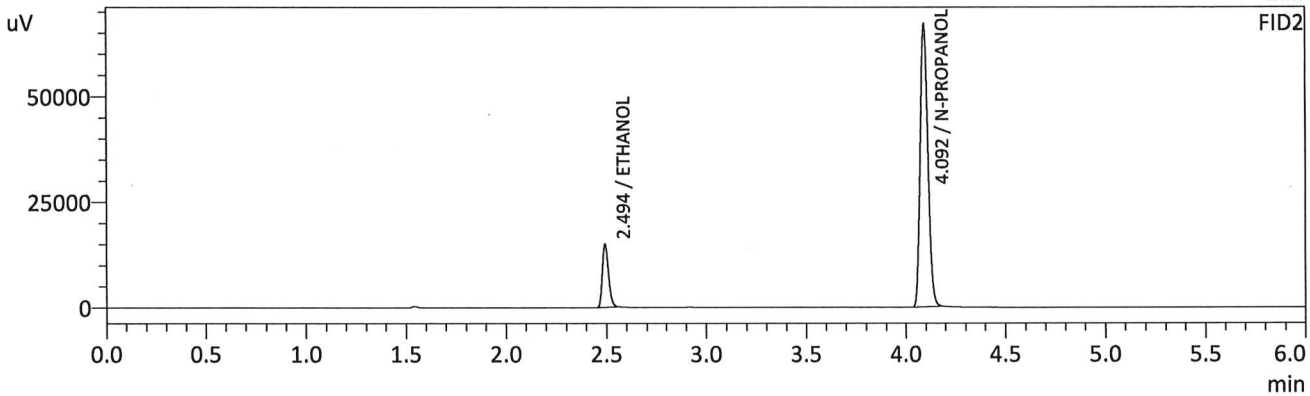
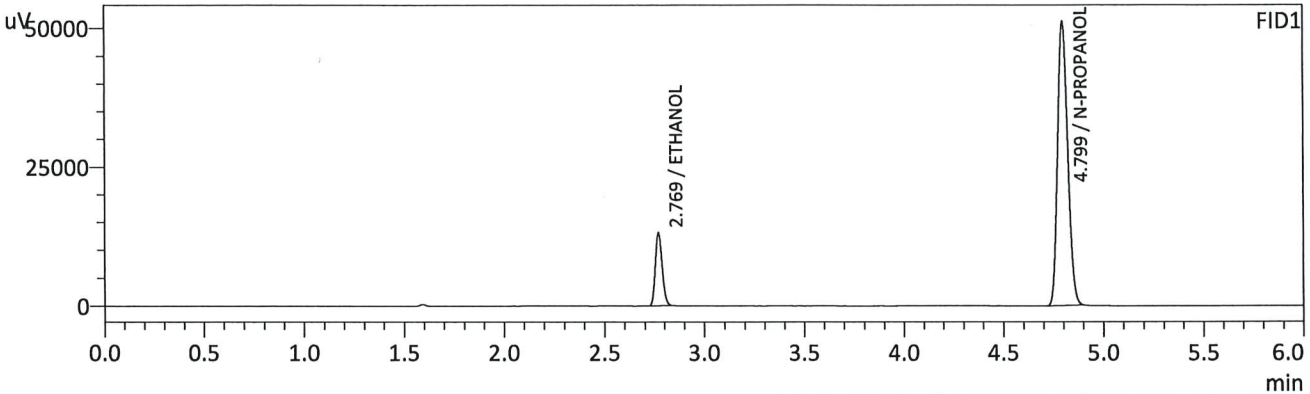
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	31647	13079
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182059	51255
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	31127	14952
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180404	67276
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_12132024_007.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 1:05:06 PM
 Date Processed : 12/13/2024 1:11:07 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	31620	13056
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181610	51063
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	31037	14890
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180076	66715
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1			Analysis Date(s): 12/13/2024 4:06:01 PM(-07:00)			
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.2042	0.2045	0.0003	0.2043	0.0045	0.2066
(g/100cc)	0.2085	0.2092	0.0007	0.2088		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

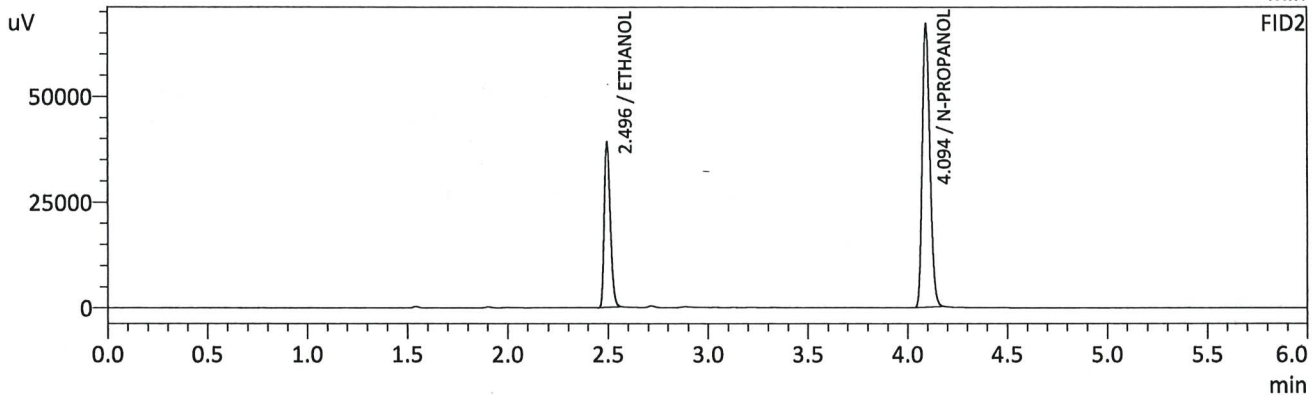
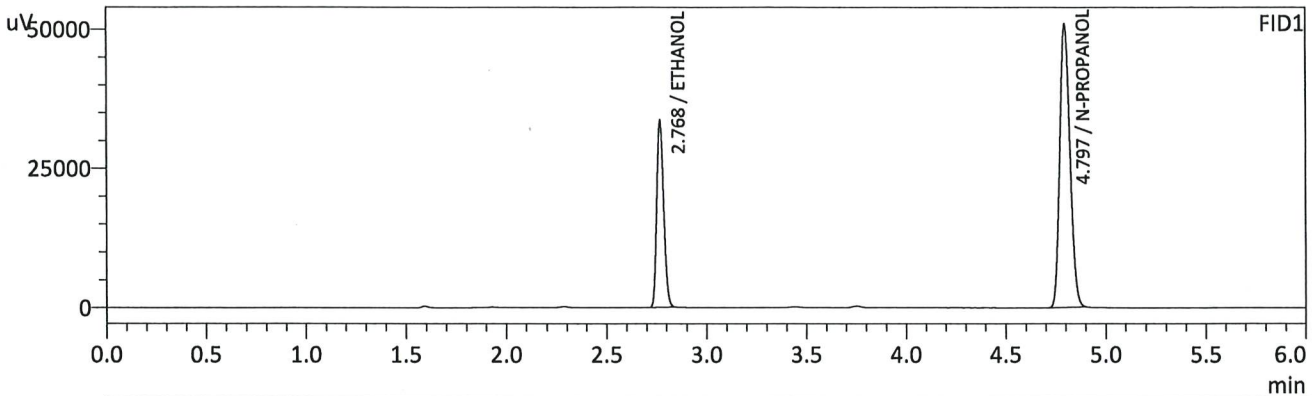
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.206	0.195	0.217	0.011

Reported Results	
0.206	

Calibration and control data are stored centrally.

RC

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_12132024_026.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 4:06:01 PM
 Date Processed : 12/13/2024 4:12:03 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

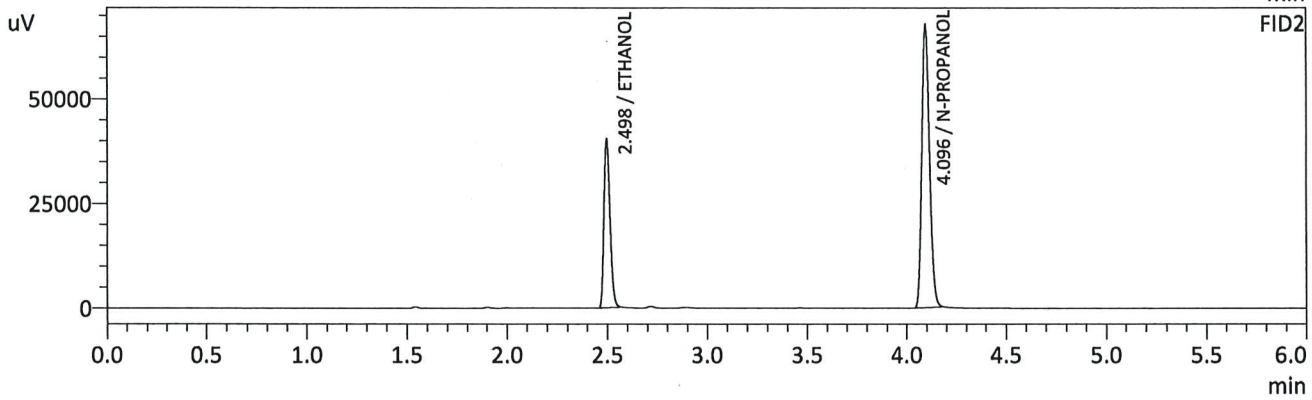
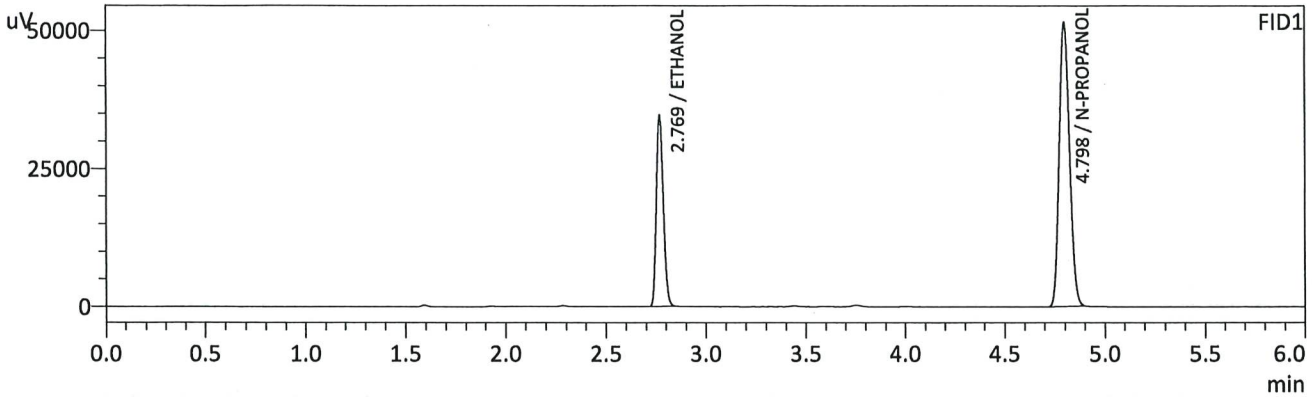
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2042	g/100cc	81249	33347
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180779	50770
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2045	g/100cc	81093	38834
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179500	66636
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_12132024_027.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 4:15:18 PM
 Date Processed : 12/13/2024 4:21:19 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2085	g/100cc	83800	34511
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182543	51338
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2092	g/100cc	83806	40197
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181292	67724
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

rc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2		Analysis Date(s): 12/13/2024 6:57:23 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2129	0.2134	0.0005	0.2131	0.0005	0.2134
(g/100cc)	0.2133	0.2140	0.0007	0.2136		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

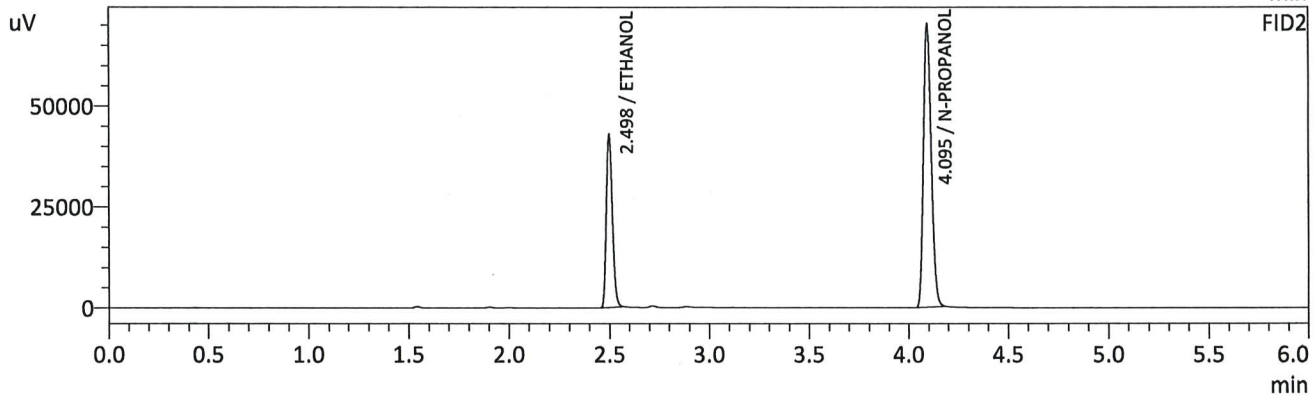
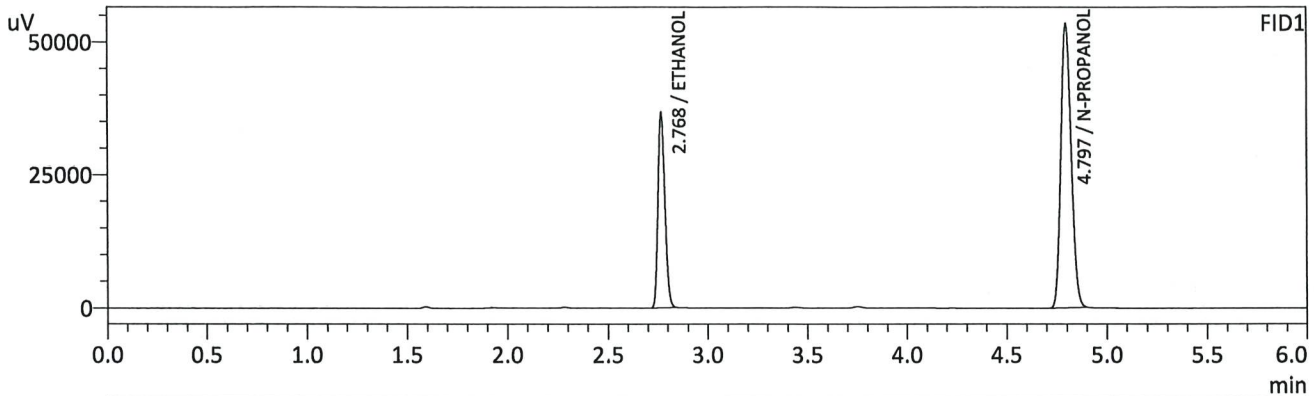
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.213	0.202	0.224	0.011

Reported Results	
0.213	

Calibration and control data are stored centrally.

RC

Sample Name : QC2-2
 Vial # : 44
 Data Filename : QC2-2_12132024_044.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 6:57:23 PM
 Date Processed : 12/13/2024 7:03:24 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

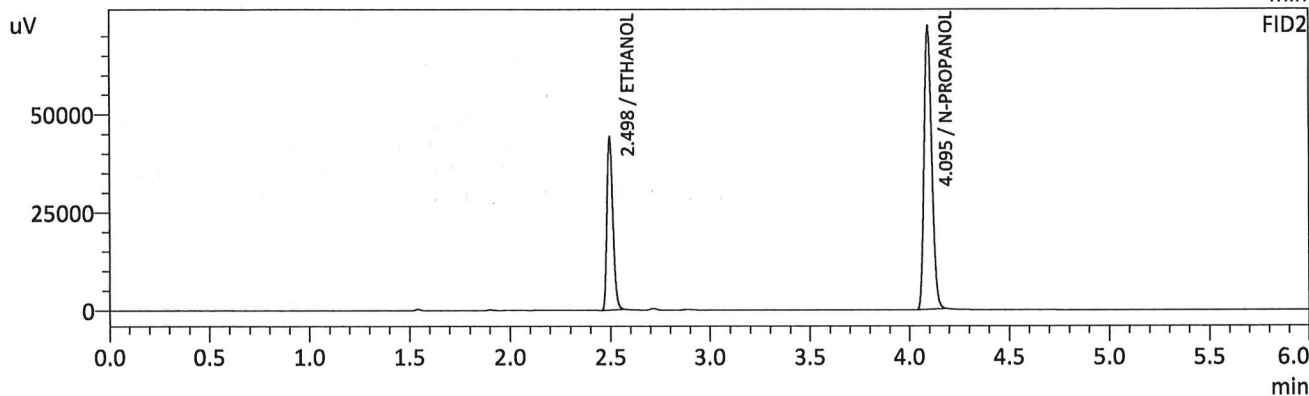
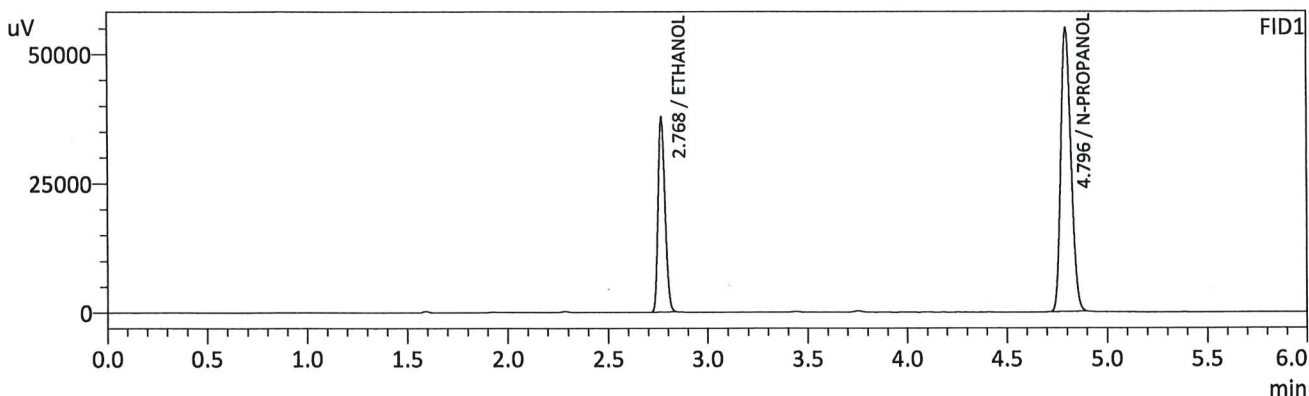
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2129	g/100cc	88822	36380
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189378	53285
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2134	g/100cc	89063	42633
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188706	70032
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC2-2-B
 Vial # : 45
 Data Filename : QC2-2-B_12132024_045.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 7:06:41 PM
 Date Processed : 12/13/2024 7:12:42 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

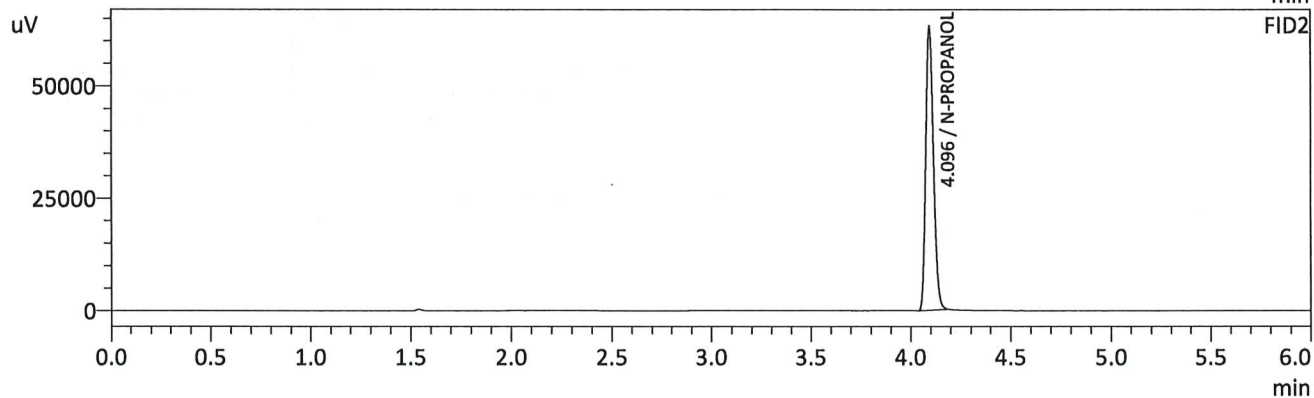
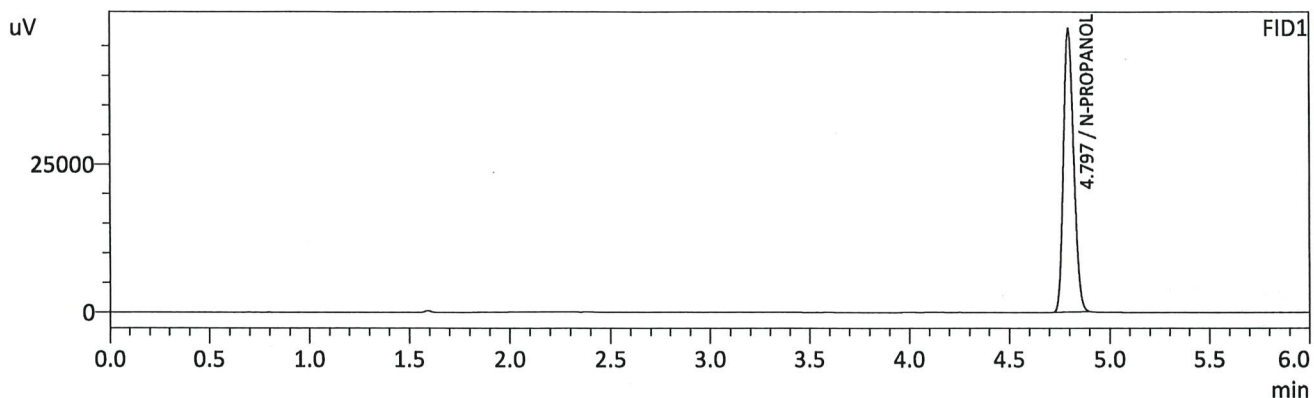
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2133	g/100cc	91422	37419
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194547	54859
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2140	g/100cc	91709	43757
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	193800	72269
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 46
 Data Filename : INT STD BLK 3_12132024_046.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 7:16:31 PM
 Date Processed : 12/13/2024 7:22:33 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

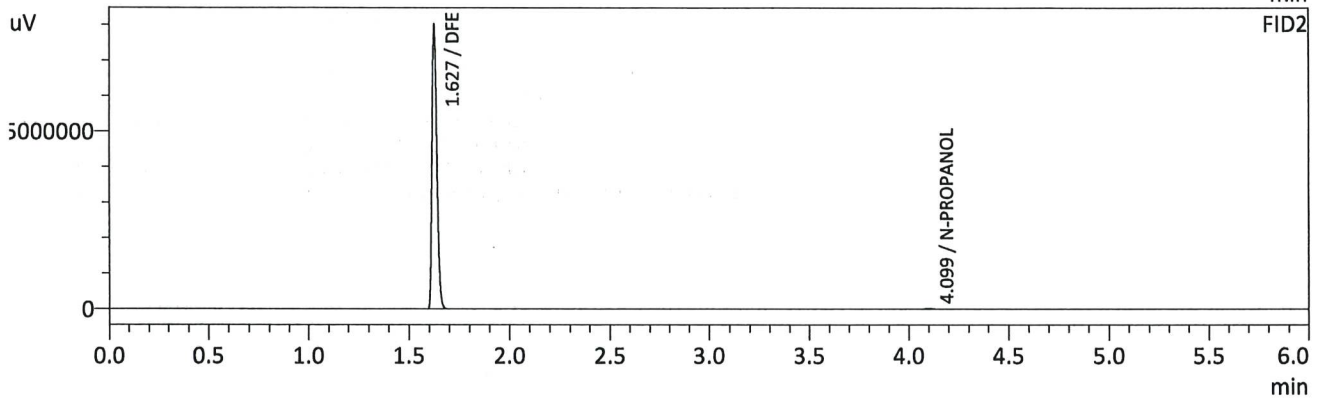
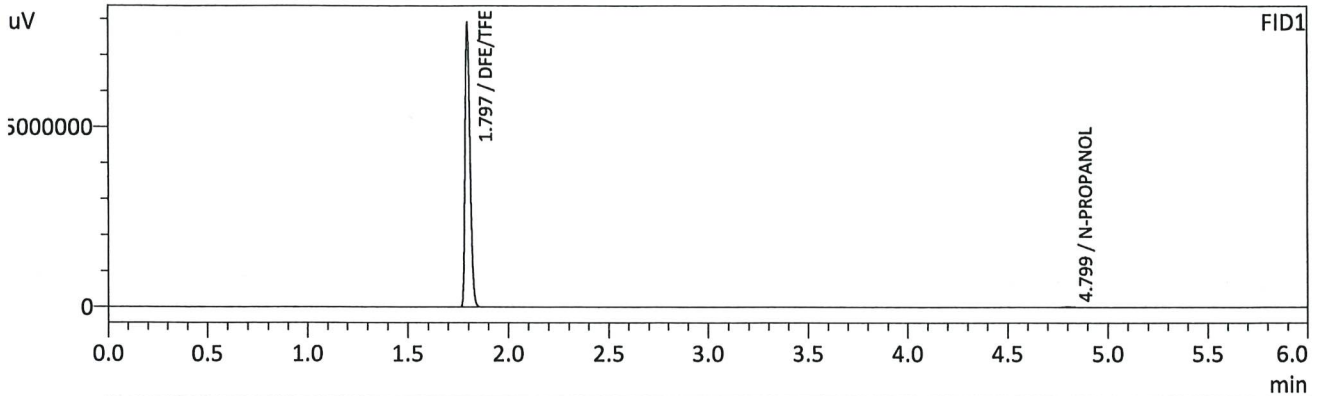
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169814	47801
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

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	168644	63109
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : DFE #OMO4736
 Vial # : 47
 Data Filename : DFE #OMO4736_12132024_047.gcd
 Method Filename : ALCOHOL_120424_RC.gcm
 Batch Filename : BATCH_121324_RC.gcb
 Date Acquired : 12/13/2024 7:25:56 PM
 Date Processed : 12/13/2024 7:31:57 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	65679	18579
DFE/TFE	0.0000	g/100cc	13518249	7742035
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	64277	23850
DFE	0.0000	g/100cc	13506000	7977283
TFE	--	g/100cc	--	--

JRC

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_120424_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_120424_RC.gcm		1
3	INT STD BLK 2	0:Unknown	ALCOHOL_120424_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_120424_RC.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL_120424_RC.gcm		0
8	P2024-3696-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
9	P2024-3696-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
10	P2024-3697-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
11	P2024-3697-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
12	P2024-3711-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
13	P2024-3711-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
14	P2024-3718-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
15	P2024-3718-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
16	P2024-3720-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
17	P2024-3720-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
18	P2024-3731-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
19	P2024-3731-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
20	P2024-3732-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
21	P2024-3732-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
22	P2024-3733-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
23	P2024-3733-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
24	P2024-3749-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
25	P2024-3749-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
28	P2024-3755-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
29	P2024-3755-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
30	P2024-3756-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
31	P2024-3756-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
32	P2024-3758-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
33	P2024-3758-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
34	P2024-3760-2	0:Unknown	ALCOHOL_120424_RC.gcm		0
35	P2024-3760-2-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
36	P2024-3761-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
37	P2024-3761-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
38	P2024-3765-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
39	P2024-3765-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
40	P2024-3769-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
41	P2024-3769-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
42	P2024-3770-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
43	P2024-3770-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
44	QC2-2	0:Unknown	ALCOHOL_120424_RC.gcm		0
45	QC2-2-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
46	INT STD BLK 3	0:Unknown	ALCOHOL_120424_RC.gcm		0
47	DFE #OMO4736	0:Unknown	ALCOHOL_120424_RC.gcm		0