

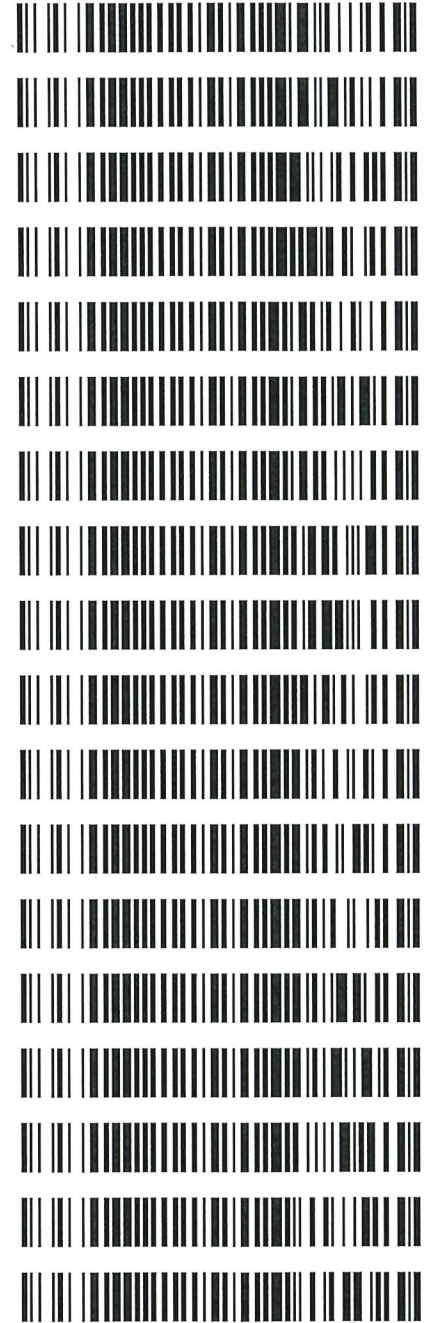
REVIEWED

By Tamara Salazar at 12:52 pm, Apr 24, 2024

4/23/2024

Worklist: 6786

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2024-1100	1	BCK	Alcohol Analysis
P2024-1102	1	BCK	Alcohol Analysis
P2024-1104	1	BCK	Alcohol Analysis
P2024-1114	1	BCK	Alcohol Analysis
P2024-1134	1	BCK	Alcohol Analysis
P2024-1148	1	BCK	Alcohol Analysis
P2024-1150	1	BCK	Alcohol Analysis
P2024-1168	1	BCK	Alcohol Analysis
P2024-1172	1	BLOOD	Alcohol Analysis
P2024-1176	1	BCK	Alcohol Analysis
P2024-1209	1	BCK	Alcohol Analysis
P2024-1210	1	BCK	Alcohol Analysis
P2024-1214	1	BCK	Alcohol Analysis
P2024-1217	2	BCK	Alcohol Analysis
P2024-1218	1	BCK	Alcohol Analysis
P2024-1231	1	BCK	Alcohol Analysis
P2024-1241	1	BCK	Alcohol Analysis
P2024-1242	1	BCK	Alcohol Analysis



Handwritten signature in blue ink, possibly 'JC'.

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): 04/23/24

Calibration Date: (if different) : 04/12/24

Worklist #: 6786

Control Level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0818 g/100cc
					0.0874 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2037 g/100cc g/100cc g/100cc
Multi-Component mixture:		Exp:	2024 October	Lot # FN06041902	OK
Curve Fit:		Column 1	Column 1	Column 2	0.99988

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	0.0518	0.0009	0.0513
100	0.100	0.090 - 0.110	0.1004	0.1003	0.0001	0.1003
200	0.200	0.180 - 0.220	0.1989	0.1982	0.0007	0.1985
300	0.300	0.270 - 0.330	0.2985	0.2978	0.0007	0.2981
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5011	0.5017	0.0006	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

Worklist #: **6786** Run Date(s): **04/23/24**

Internal Standard Solution: _____ Prep Date: **3/22/2024** Exp Date: **9/22/2024**

Sample Name	Column 1 Value	Column 2 Value
0.080	166195	166294
0.080	166338	166487
QC1	168106	168273
QC1	167254	167418
QC1	170164	173658
QC1	172051	175316
QC1		
QC1		
QC2	164143	163761
QC2	165529	165011
QC2		
QC2		
QC2		
QC2		

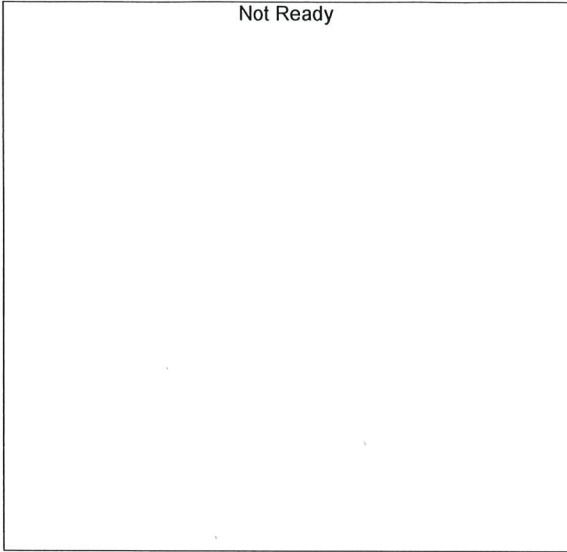
	Average	(-)20%	(+)20%
Column 1	167472.5	133978.0	200967.0
Column 2	168277.3	134621.8	201932.7



=====
Calibration Table
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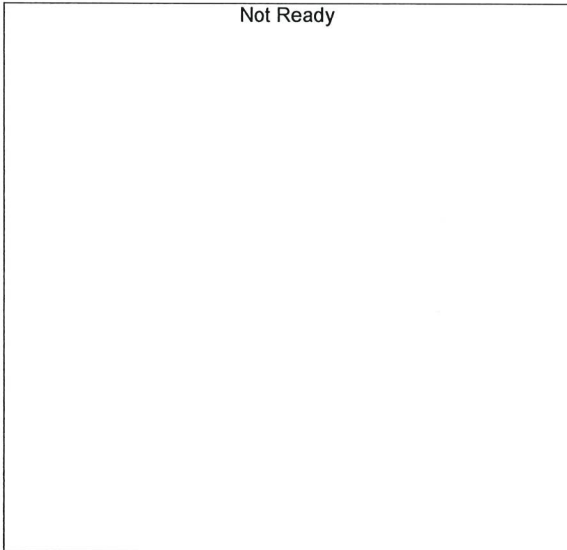
Laboratory: Pocatello
Instrument Name : G1KG333-Instrument1

<<Data File>>
Method File :Default Project - ALCOHOL_041224_RC.gcm
Batch File :Default Project - BATCH_041224_RC.gcb
Date Acquired :4/12/2024 11:50:54 AM
Date Created :4/12/2024 11:47:26 AM
Date Modified :4/12/2024 11:56:55 AM



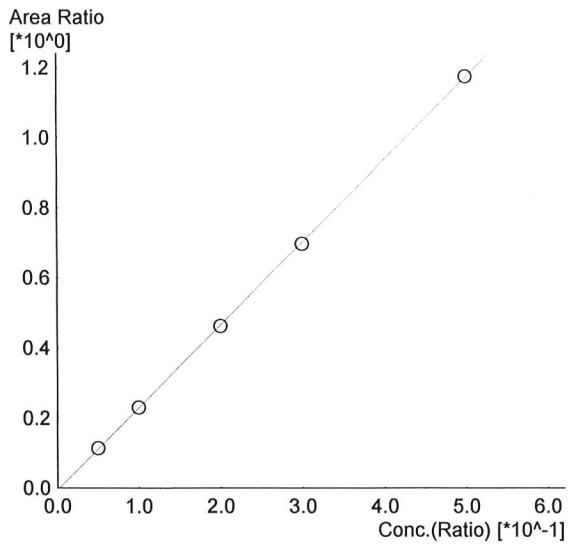
Name : METHANOL
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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

#	Conc.	Area	Std. Conc.	Data File Name
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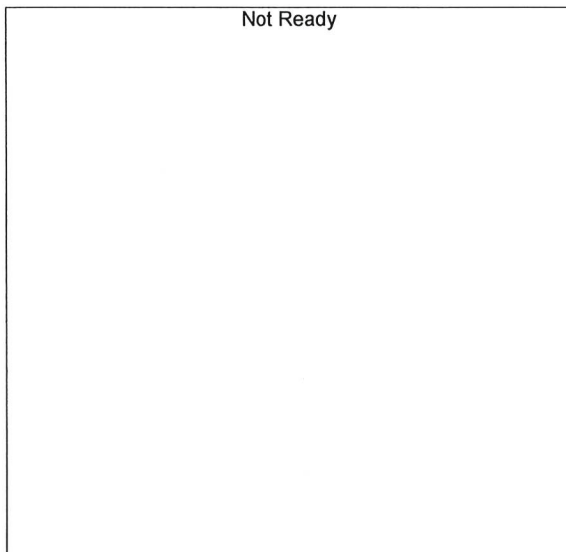
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.35362*x-0.00641536$
 R² value= 0.9999560
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18722	0.0509	0.050_4122024_001.gcd
2	0.100	37924	0.1004	0.100_4122024_002.gcd
3	0.200	76921	0.1989	0.200_4122024_003.gcd
4	0.300	116531	0.2985	0.300_4122024_004.gcd
5	0.500	197255	0.5011	0.500_4122024_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
---	-------	------	------------	----------------



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
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 : 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

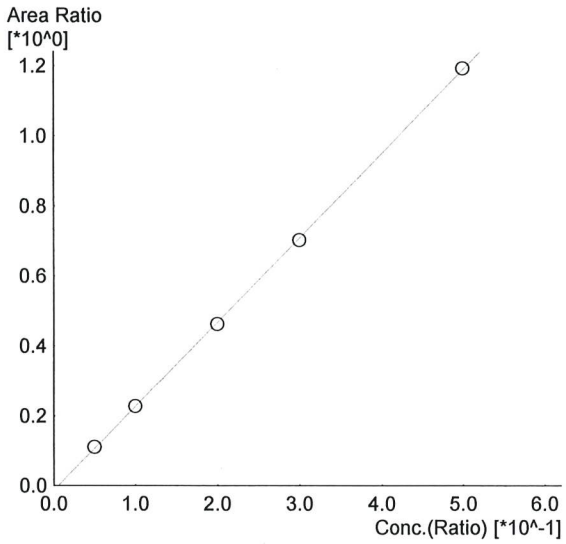
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	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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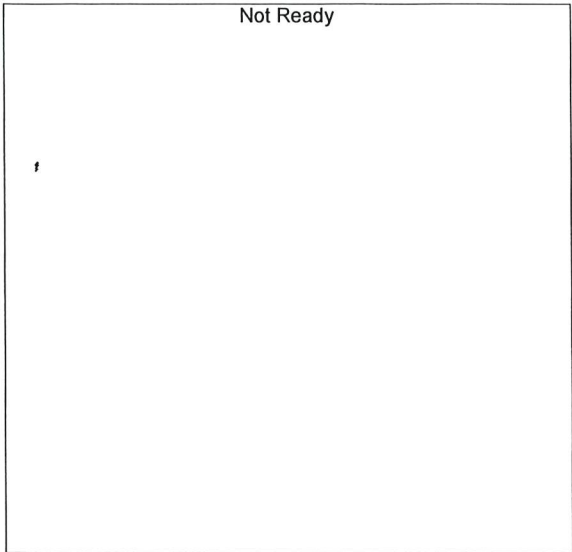
Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.40410*x-0.0137809$
 R² value= 0.9998890
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18361	0.0518	0.050_4122024_001.gcd
2	0.100	37492	0.1003	0.100_4122024_002.gcd
3	0.200	76939	0.1982	0.200_4122024_003.gcd
4	0.300	117234	0.2978	0.300_4122024_004.gcd
5	0.500	199890	0.5017	0.500_4122024_005.gcd



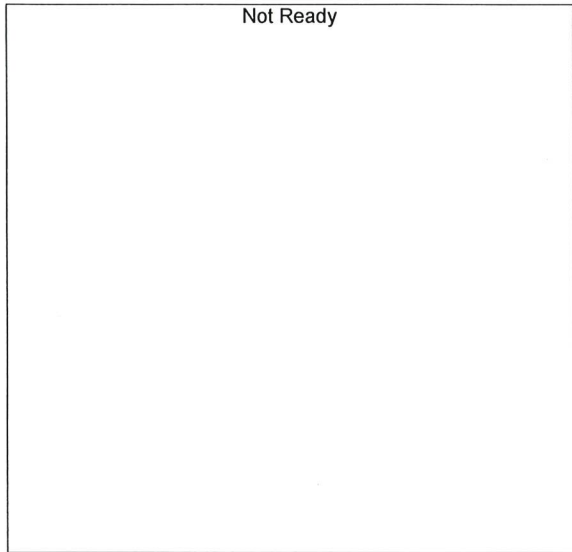
Name : ACETONE
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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

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

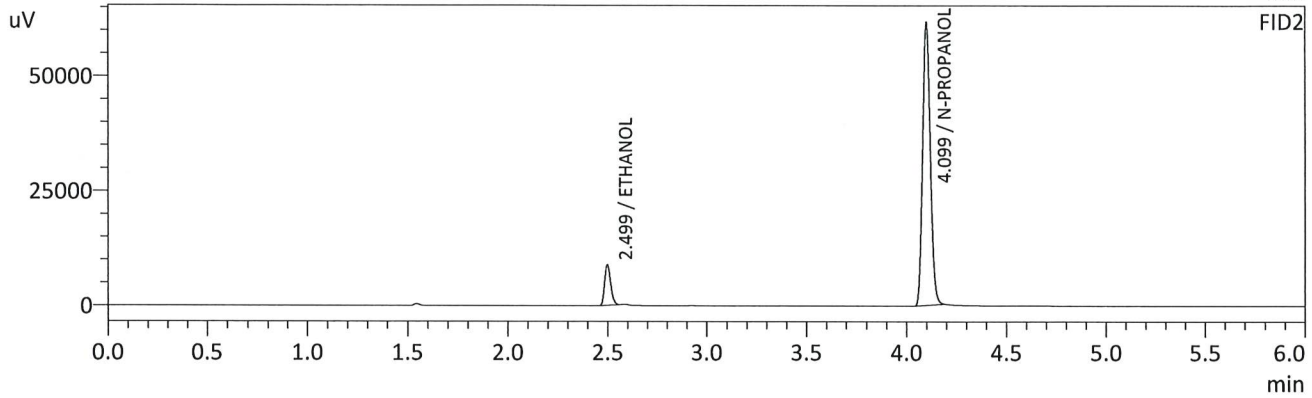
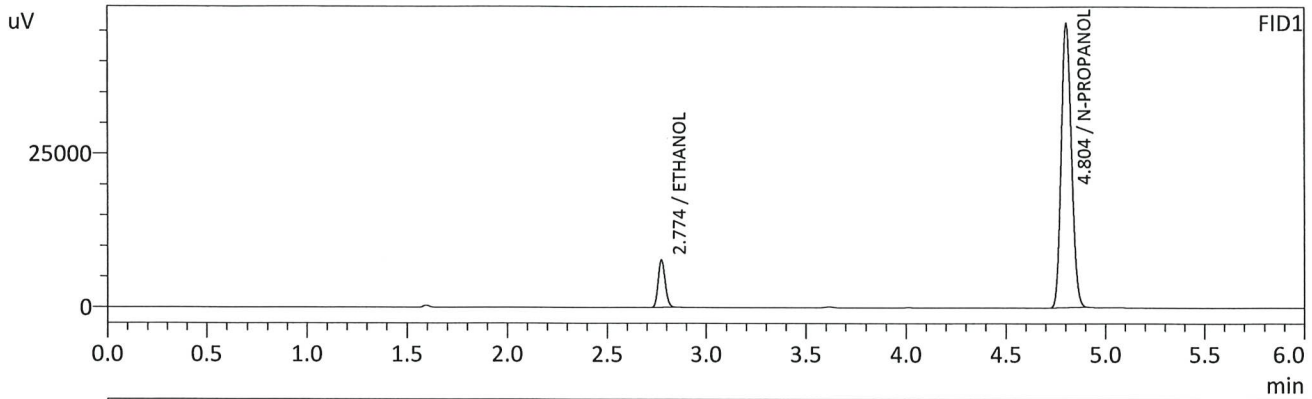
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

#	Conc.	Area	Std. Conc.	Data File Name
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Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_4122024_001.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:12:47 AM
 Date Processed : 4/15/2024 9:47:23 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

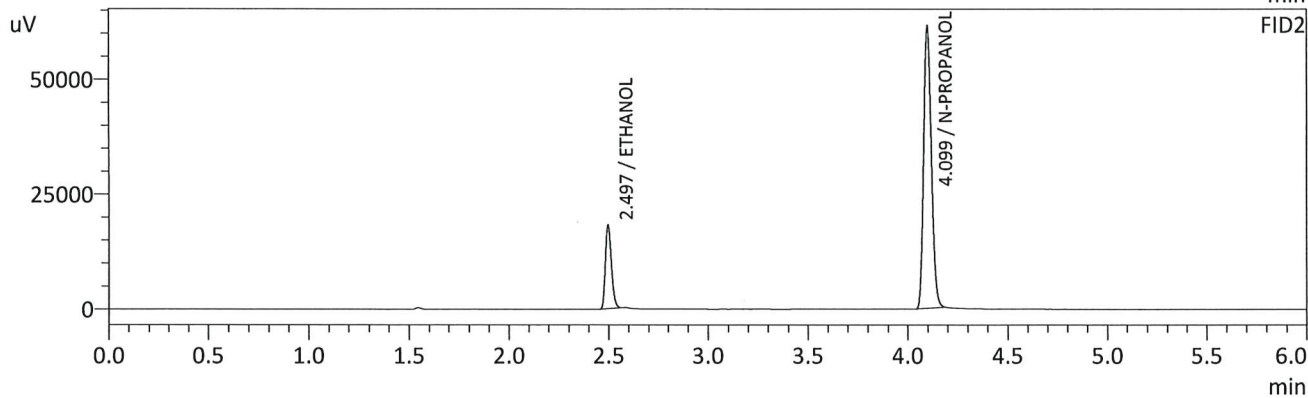
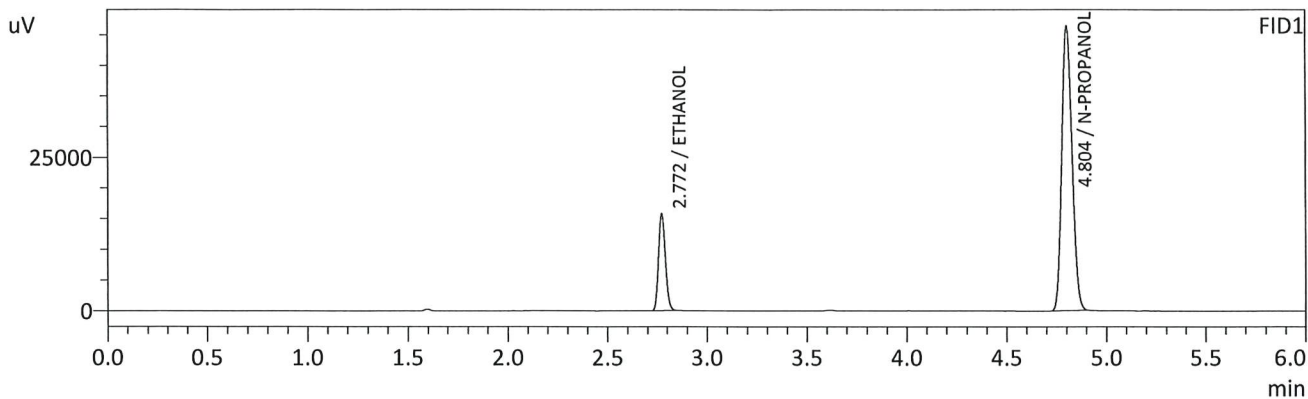
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0509	g/100cc	18722	7687
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164974	46266
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0518	g/100cc	18361	8769
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165745	61546
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_4122024_002.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:22:16 AM
 Date Processed : 4/15/2024 9:47:28 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

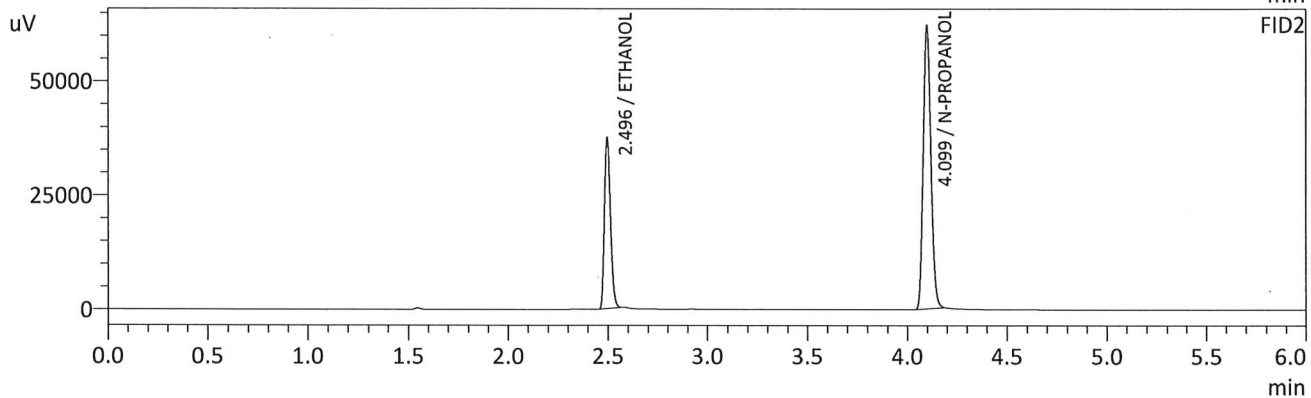
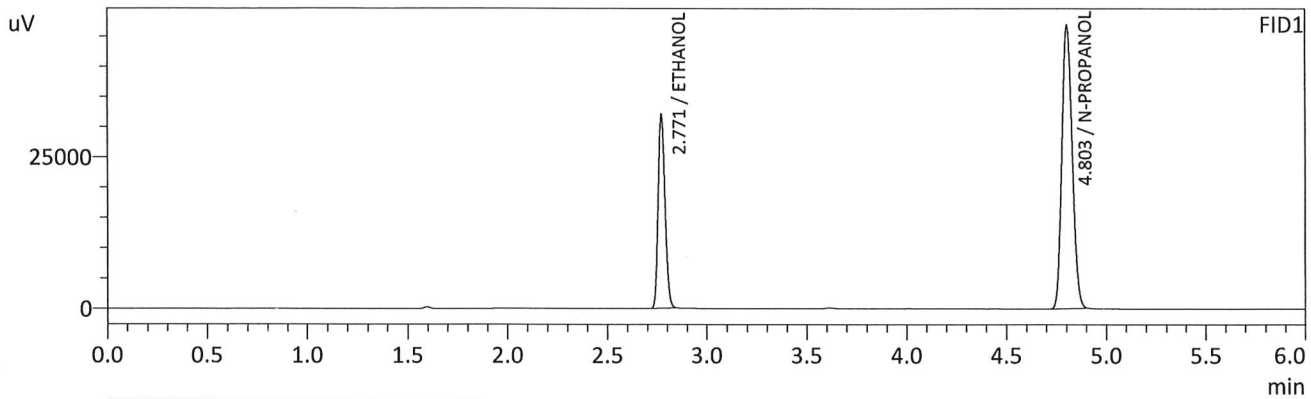
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1004	g/100cc	37924	15551
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164863	46242
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	37492	17940
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164779	61360
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_4122024_003.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:31:37 AM
 Date Processed : 4/15/2024 9:47:32 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



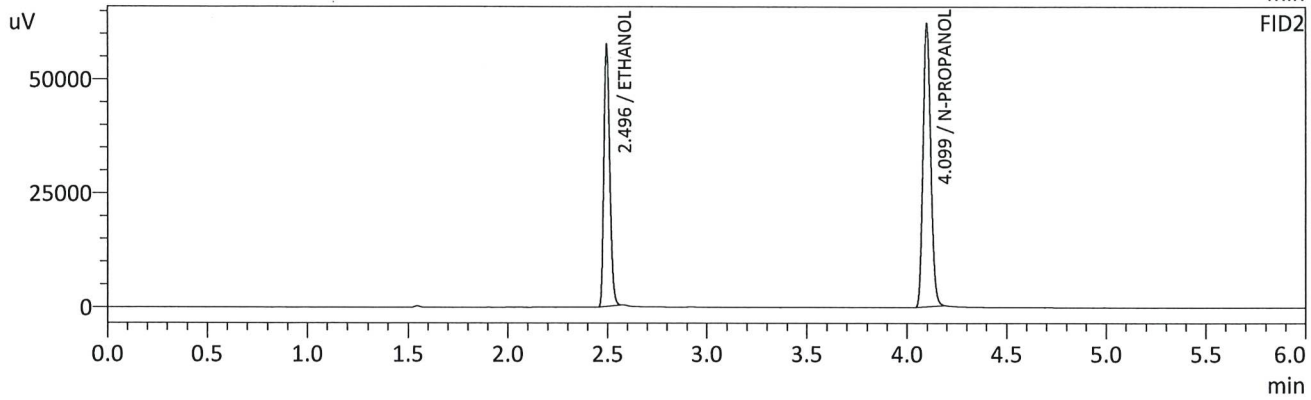
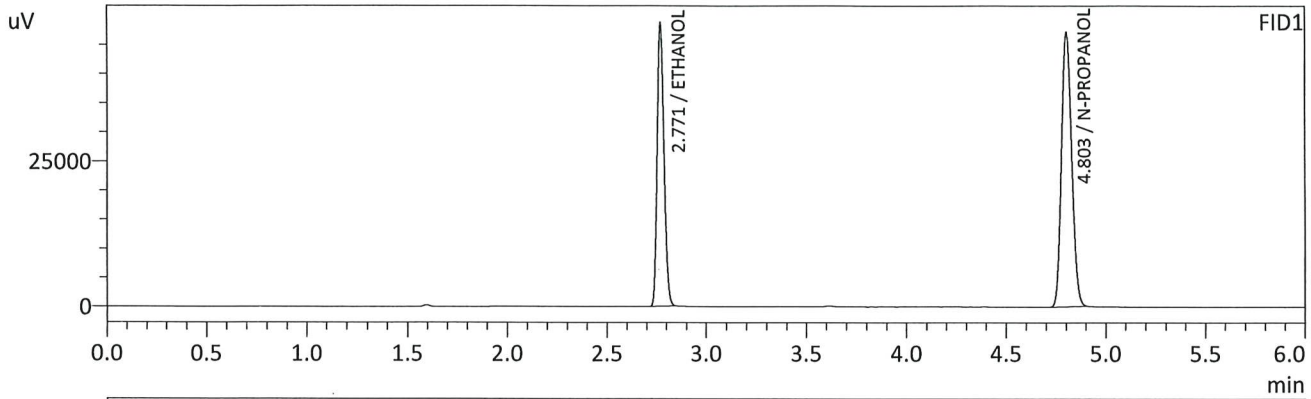
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1989	g/100cc	76921	31883
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166547	46736
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1982	g/100cc	76939	37144
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166274	61946
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_4122024_004.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:41:22 AM
 Date Processed : 4/15/2024 9:47:35 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

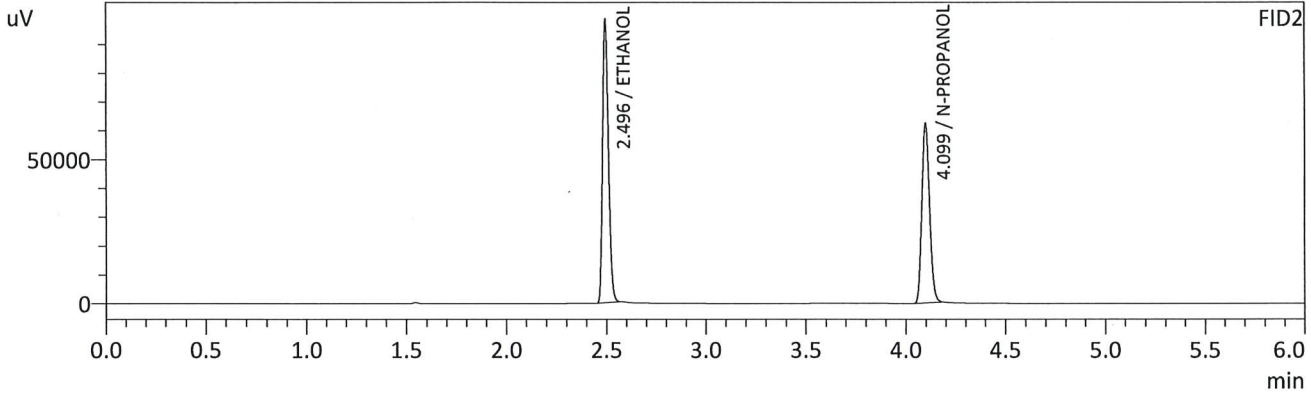
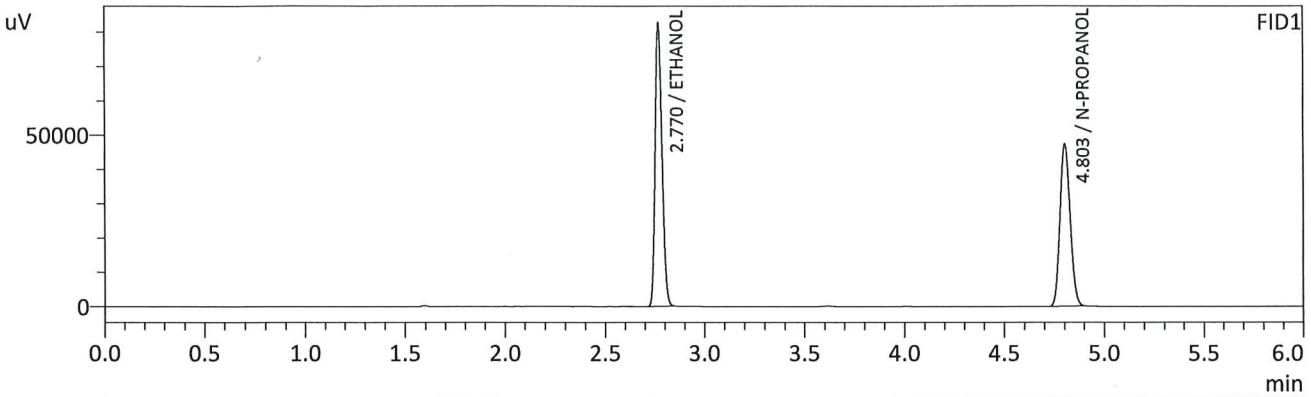
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2985	g/100cc	116531	48613
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167385	46977
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2978	g/100cc	117234	57140
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166922	61880
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_4122024_005.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:50:54 AM
 Date Processed : 4/12/2024 11:56:55 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

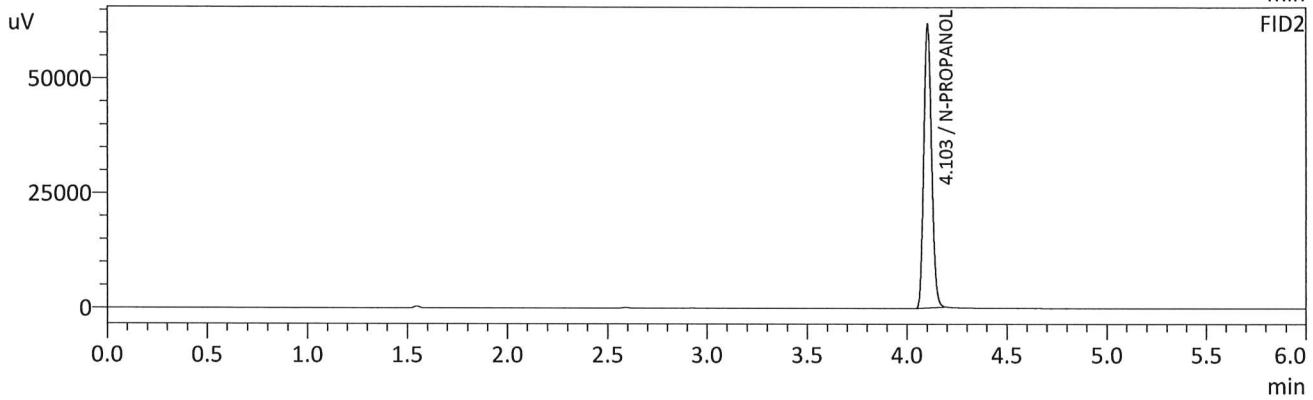
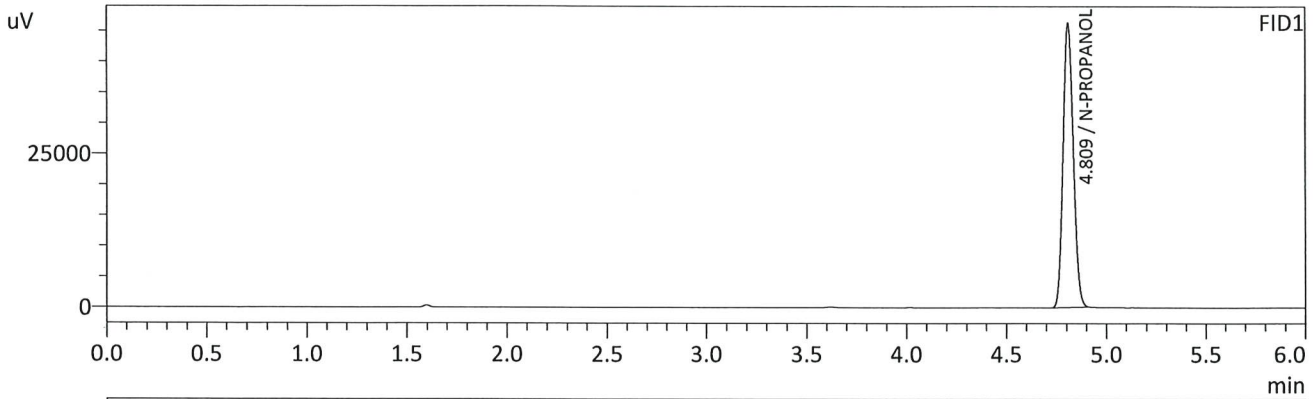
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5011	g/100cc	197255	82541
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168159	47280
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5017	g/100cc	199890	98067
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167629	62107
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_4232024_001.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 11:44:47 AM
 Date Processed : 4/23/2024 11:50:49 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

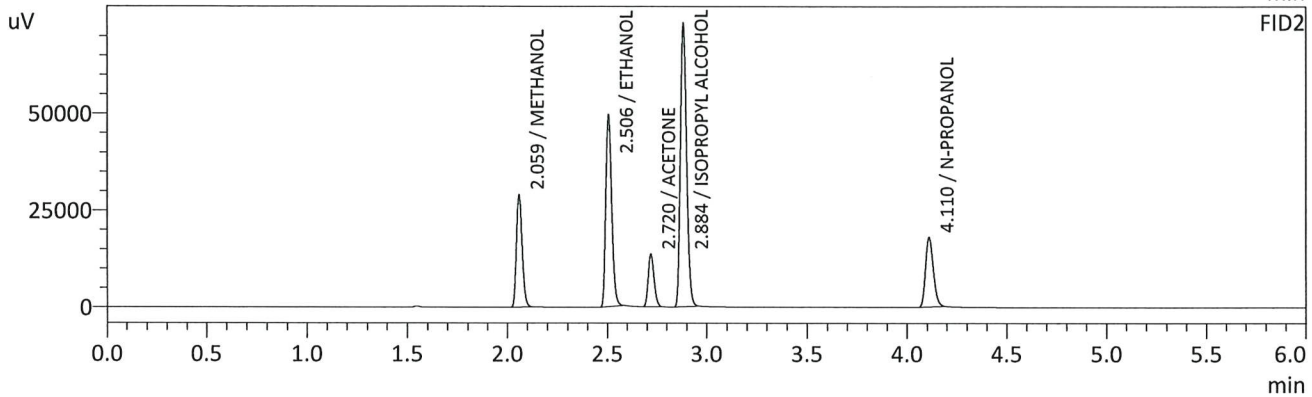
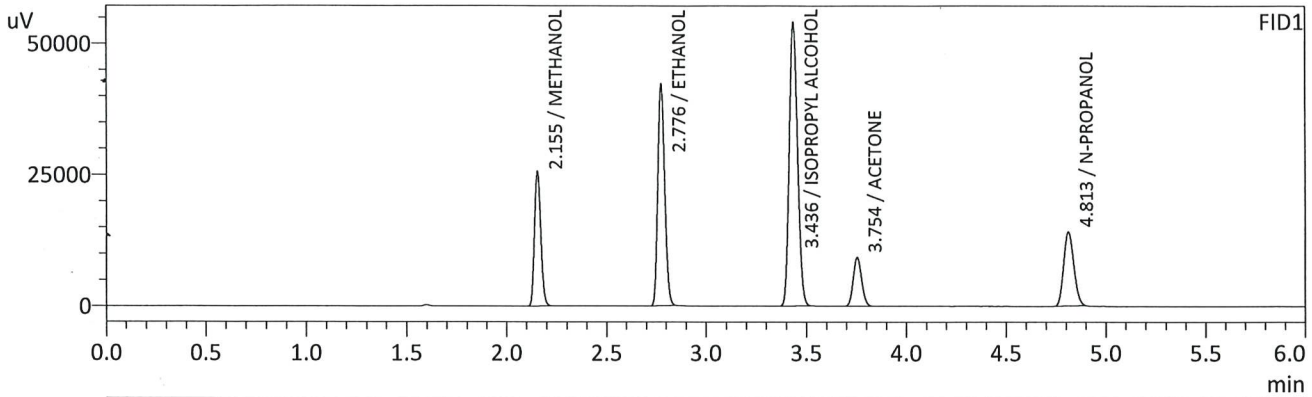
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164636	46273
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	166672	61545
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_4232024_002.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 11:54:17 AM
 Date Processed : 4/23/2024 12:00:18 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

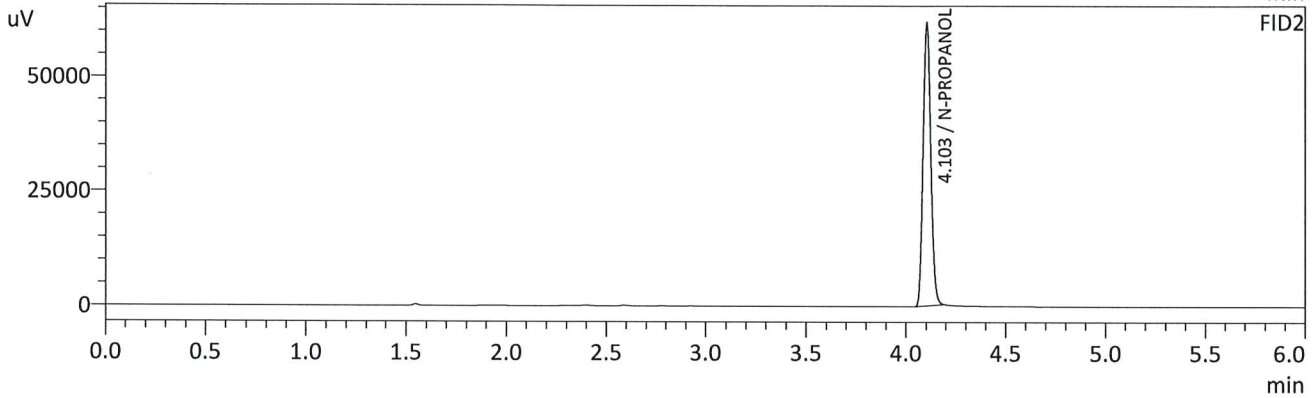
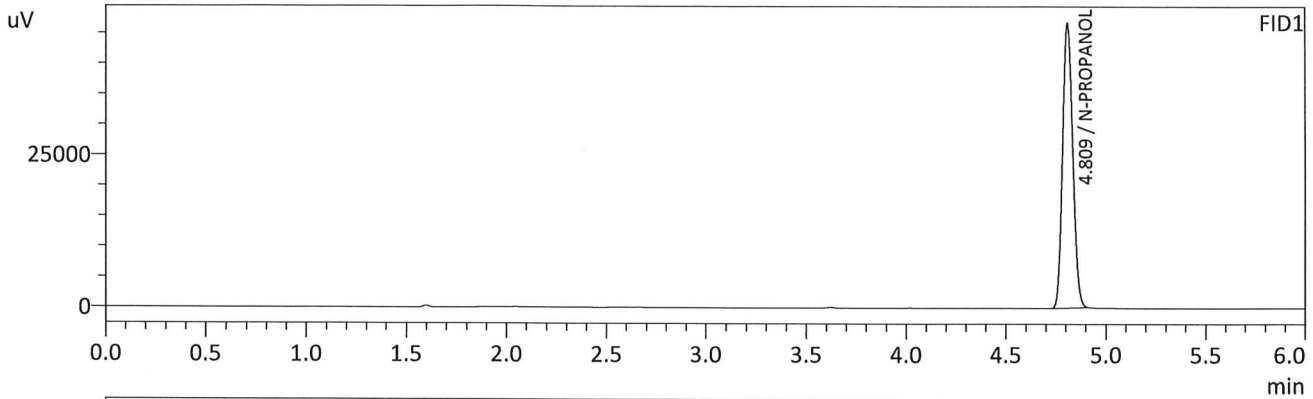
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	55900	25512
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.8702	g/100cc	101904	42010
ISOPROPYL ALCOHOL	0.0000	g/100cc	154043	53836
ACETONE	0.0000	g/100cc	27170	9247
N-PROPANOL	0.0000	g/100cc	49906	14042
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	58026	28776
ETHANOL	0.8795	g/100cc	102386	48764
ACETONE	0.0000	g/100cc	28289	13564
ISOPROPYL ALCOHOL	0.0000	g/100cc	157959	72438
N-PROPANOL	0.0000	g/100cc	48738	17998
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_4232024_003.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 12:03:38 PM
 Date Processed : 4/23/2024 12:09:40 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165752	46706
DFE	--	g/100cc	--	--
TFE	--	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	165810	61669
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 4/23/2024 12:13:22 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0818	0.0819	0.0001	0.0818	0.0001	0.0818
(g/100cc)	0.0818	0.0820	0.0002	0.0819		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

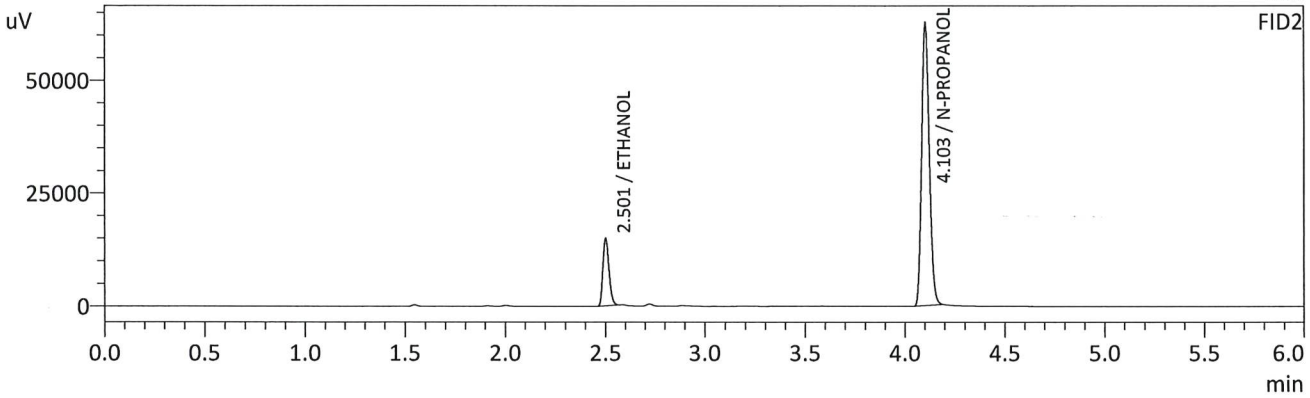
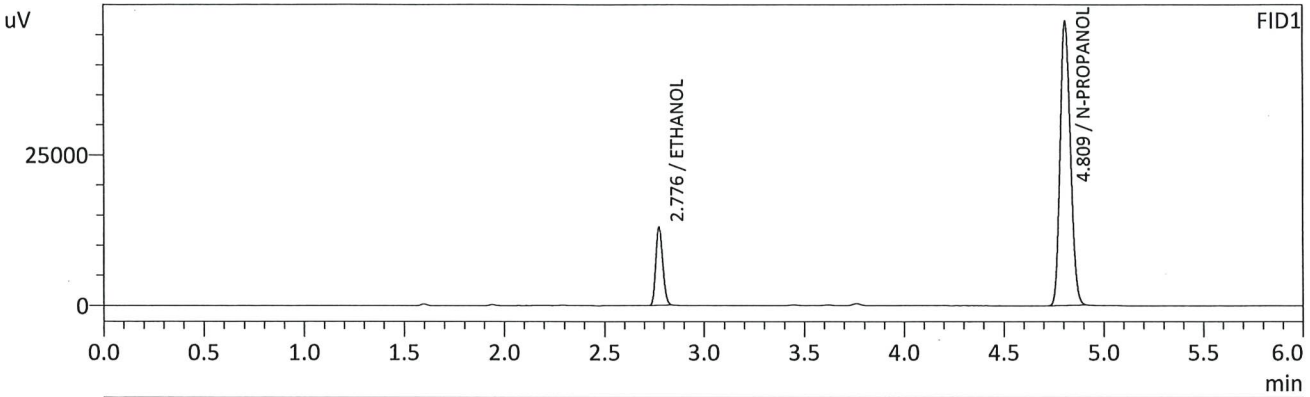
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

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.

Sample Name : QC1-1
 Vial # : 4
 Data Filename : QC1-1_4232024_004.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 12:13:22 PM
 Date Processed : 4/23/2024 12:19:24 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

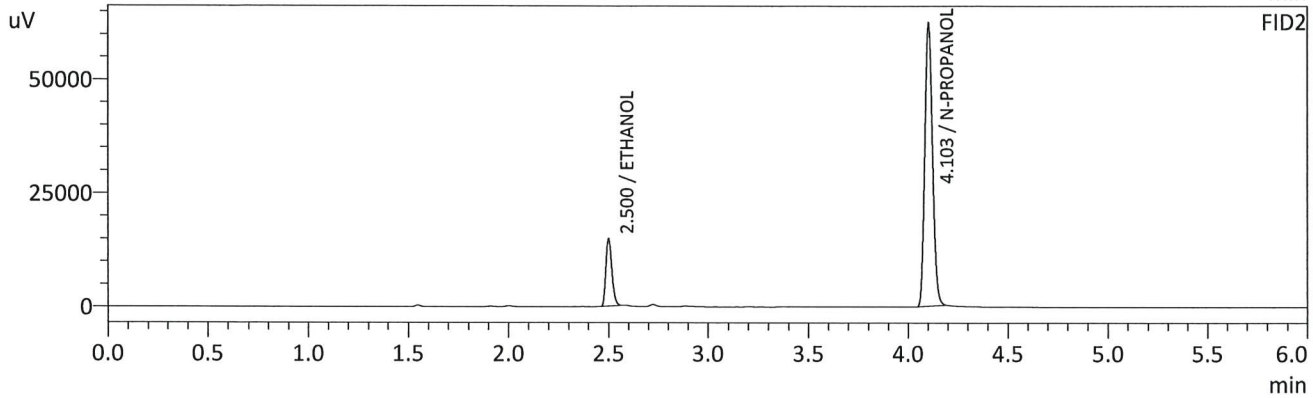
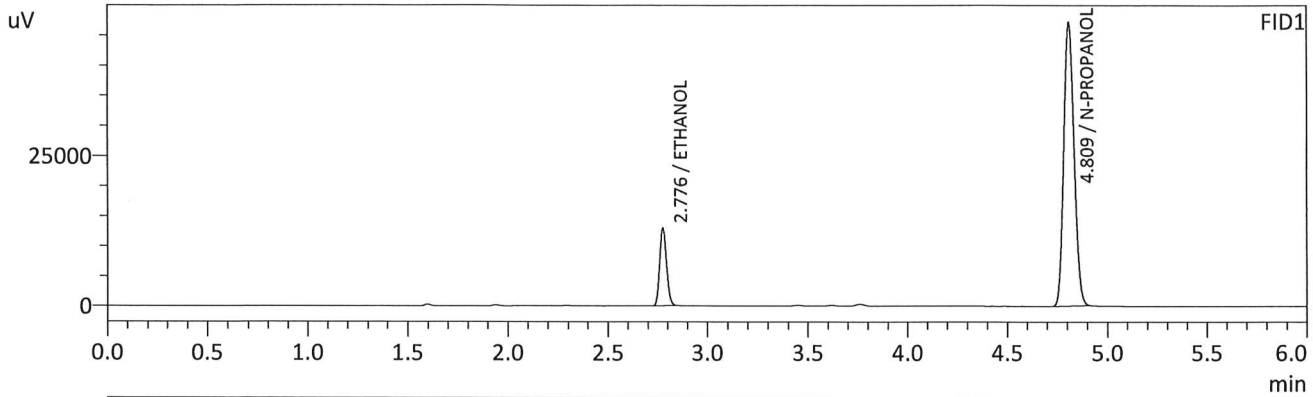
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	31318	12942
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168106	47226
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0819	g/100cc	30853	14833
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168273	62432
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_4232024_005.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 12:22:54 PM
 Date Processed : 4/23/2024 12:28:54 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	31135	12877
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167254	47158
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	30700	14783
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167418	62137
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 4/23/2024 12:32:11 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	0.0813	0.0001	0.0812	0.0002	0.0811
(g/100cc)	0.0810	0.0811	0.0001	0.0810		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

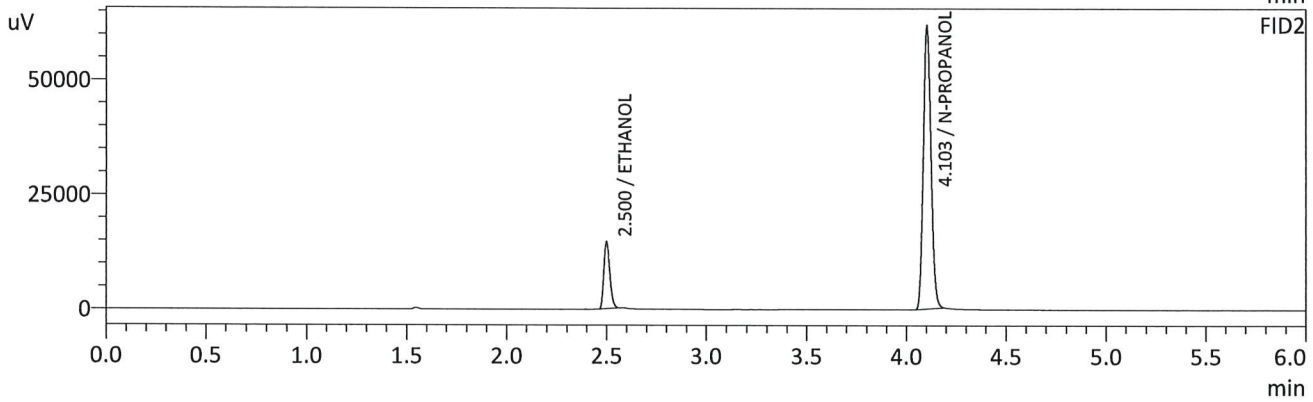
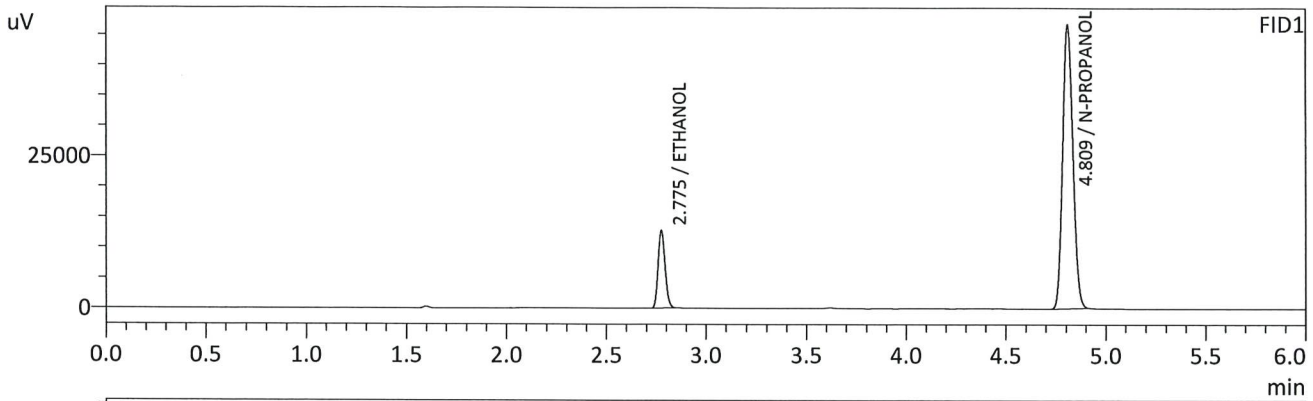
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

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.

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_4232024_006.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 12:32:11 PM
 Date Processed : 4/23/2024 12:38:13 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

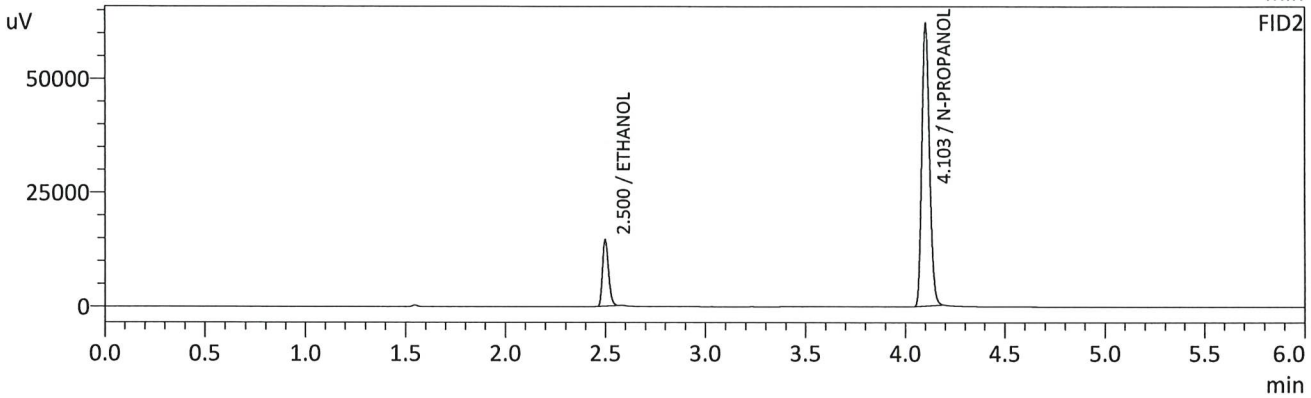
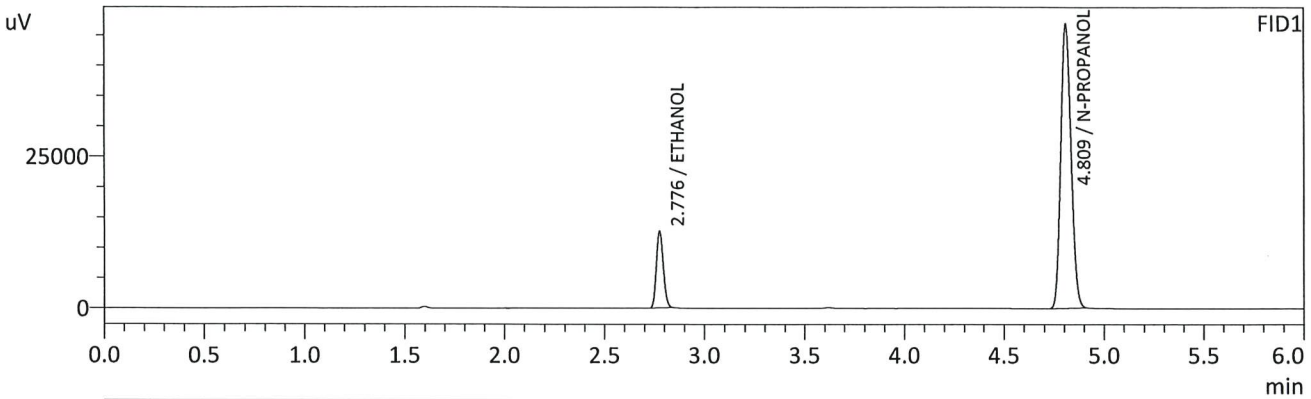
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	30714	12709
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166195	46666
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	30242	14563
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166294	61559
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_4232024_007.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 12:41:55 PM
 Date Processed : 4/23/2024 12:47:57 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	30669	12677
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166338	46838
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	30184	14538
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166487	61667
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 4/23/2024 3:42:48 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2046	0.2028	0.0018	0.2037	0.0000	0.2037
(g/100cc)	0.2047	0.2028	0.0019	0.2037		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

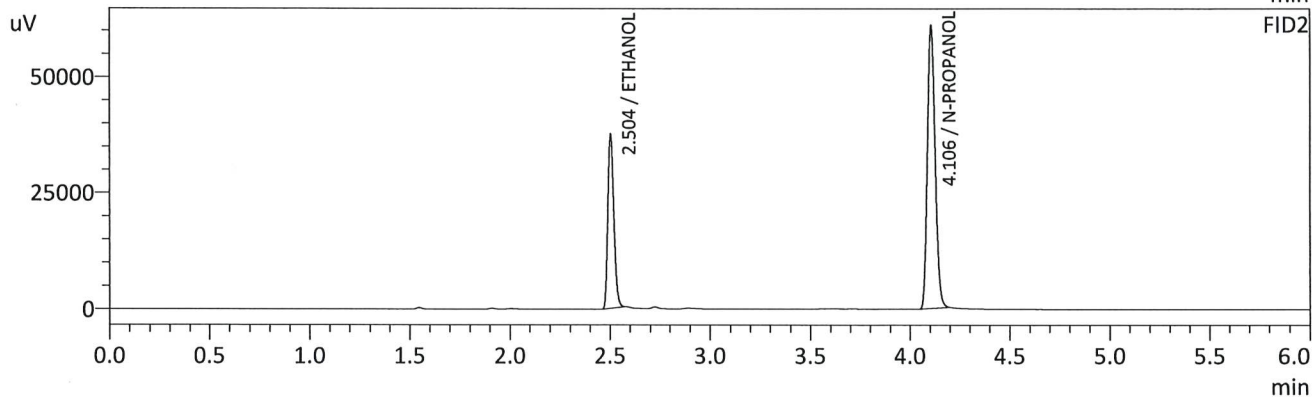
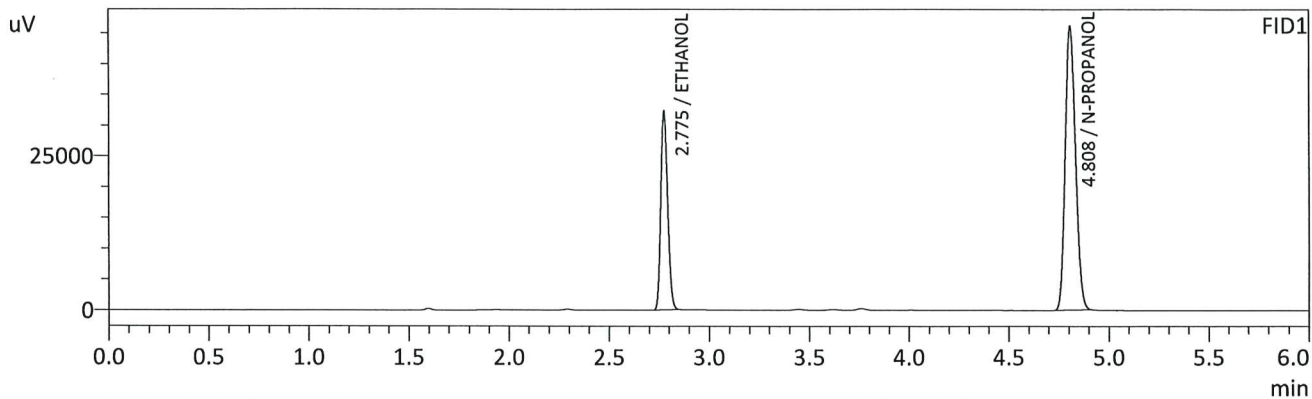
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

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.

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_4232024_026.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 3:42:48 PM
 Date Processed : 4/23/2024 3:48:48 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



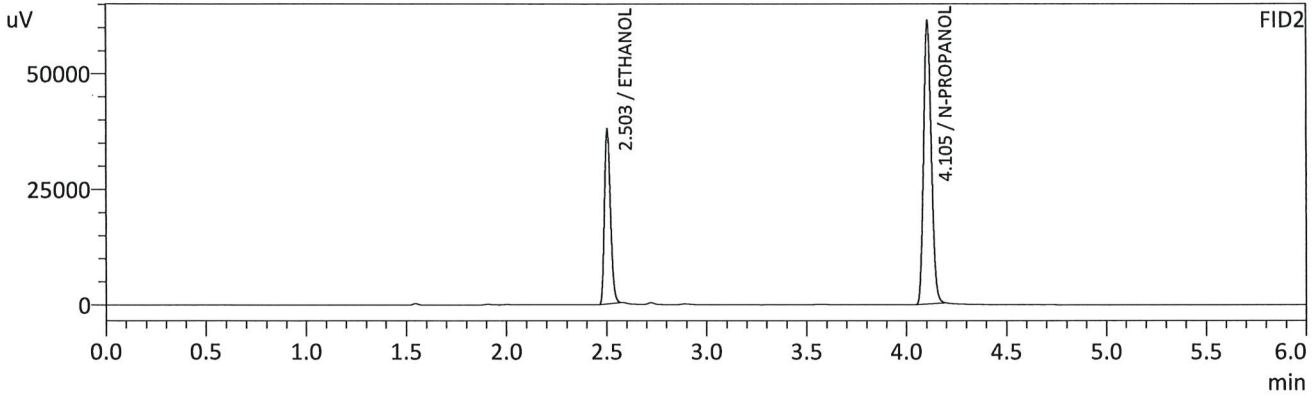
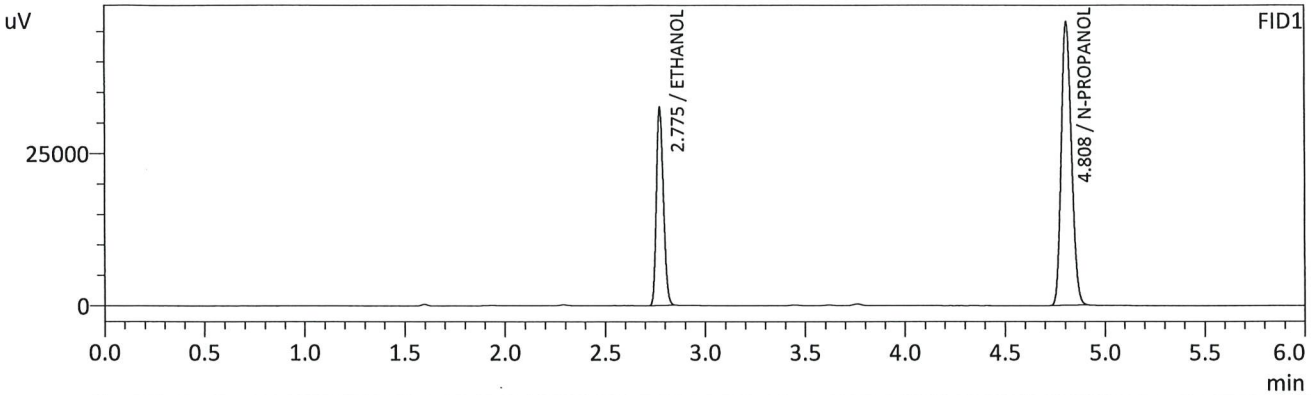
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2046	g/100cc	78013	32226
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164143	46106
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2028	g/100cc	77585	37437
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163761	60871
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_4232024_027.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 3:52:04 PM
 Date Processed : 4/23/2024 3:58:06 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2047	g/100cc	78693	32488
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165529	46413
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2028	g/100cc	78181	37705
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165011	61224
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 4/23/2024 6:53:20 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0873	0.0876	0.0003	0.0874	0.0000	0.0874
(g/100cc)	0.0873	0.0875	0.0002	0.0874		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

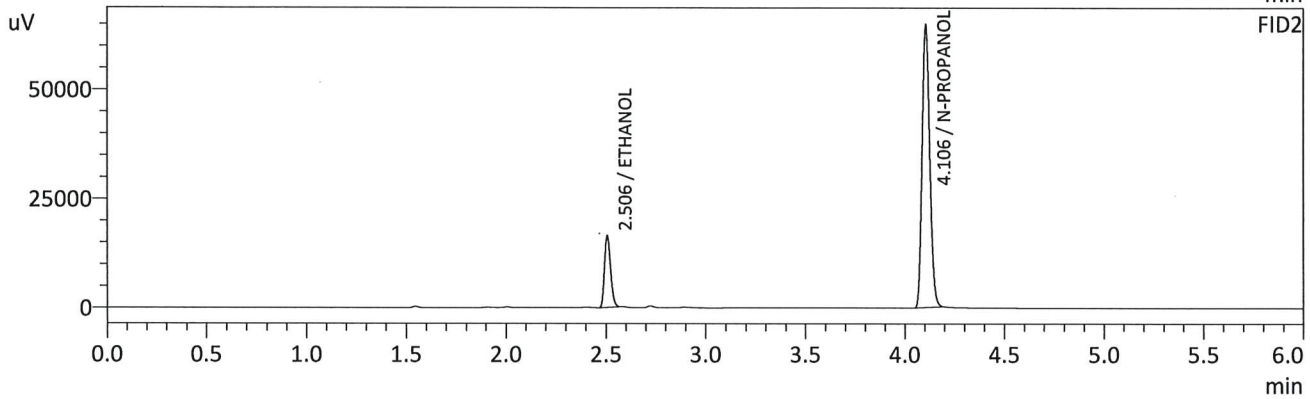
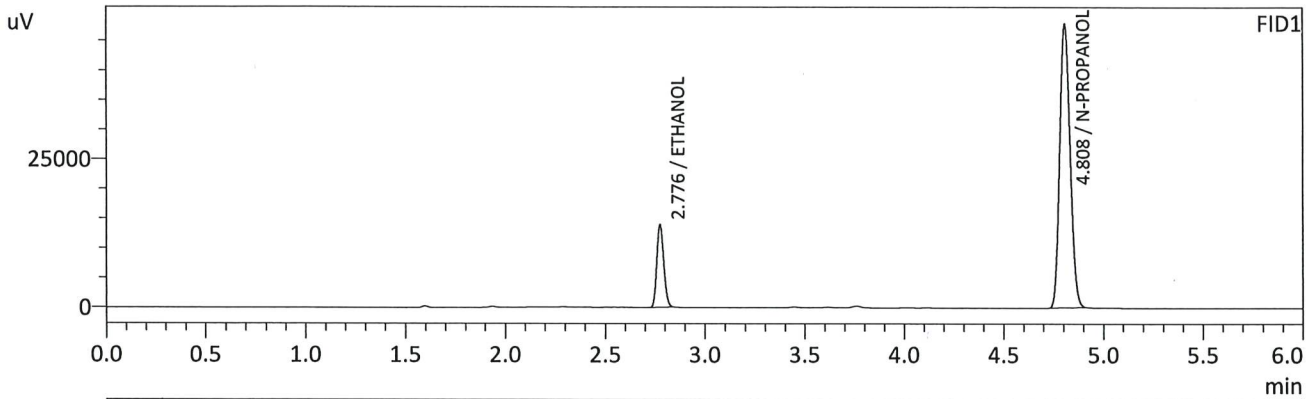
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

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.

Sample Name : QC1-2
 Vial # : 46
 Data Filename : QC1-2_4232024_046.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 6:53:20 PM
 Date Processed : 4/23/2024 6:59:20 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

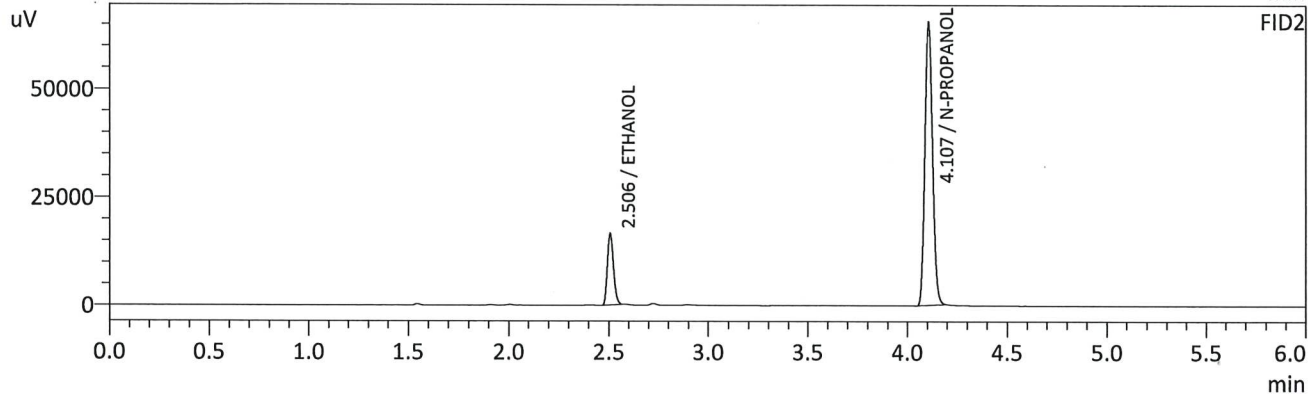
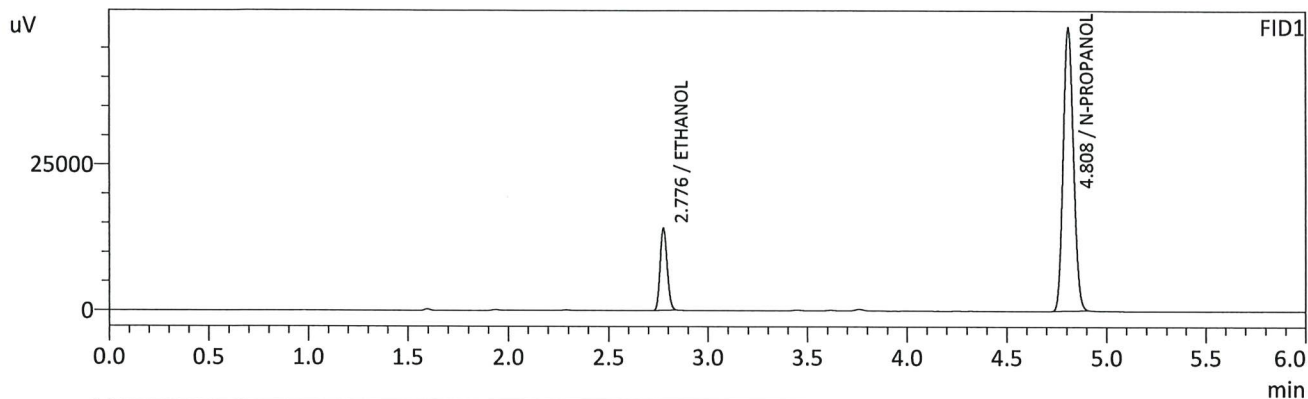
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0873	g/100cc	33887	13903
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170164	47764
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0876	g/100cc	34205	16242
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	173658	64459
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JAC

Sample Name : QC1-2-B
 Vial # : 47
 Data Filename : QC1-2-B_4232024_047.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 7:02:50 PM
 Date Processed : 4/23/2024 7:08:51 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

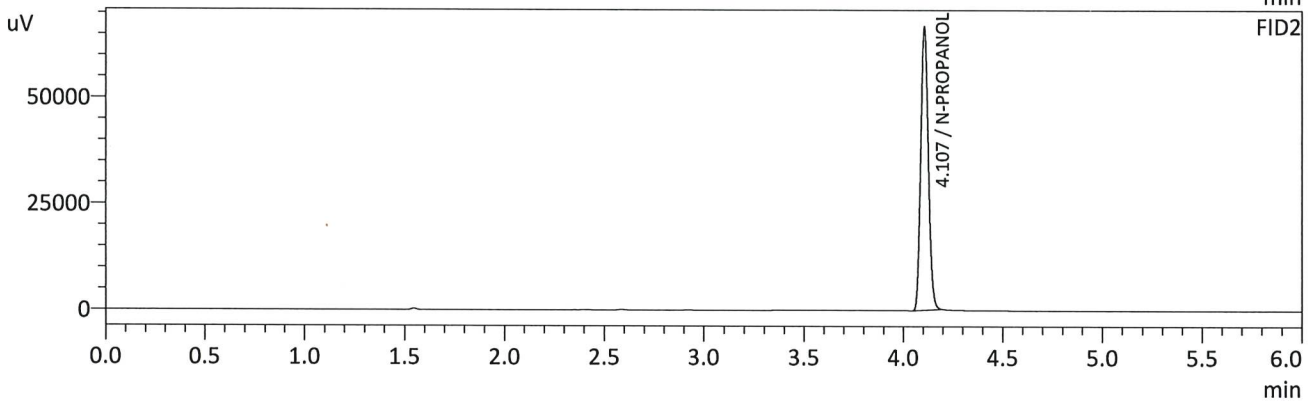
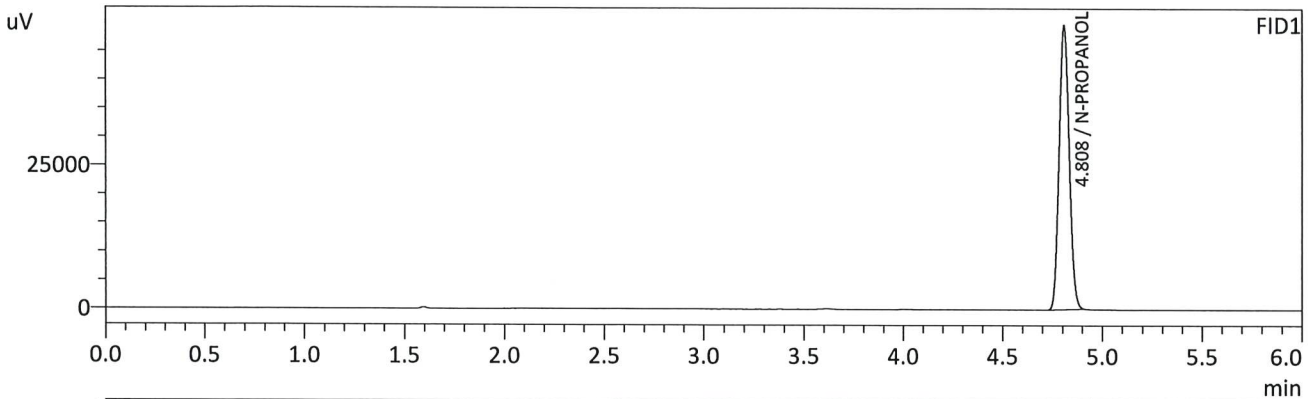
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0873	g/100cc	34270	14050
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172051	48507
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0875	g/100cc	34494	16368
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175316	65042
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 48
 Data Filename : INT STD BLK 3_4232024_048.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_042324_RC.gcb
 Date Acquired : 4/23/2024 7:12:07 PM
 Date Processed : 4/23/2024 7:18:09 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	175312	49427
DFE	--	g/100cc	--	--
TFE	--	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	178662	66349
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_041224_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_041224_RC.gcm		1
3	INT STD BLK 2	0:Unknown	ALCOHOL_041224_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_041224_RC.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL_041224_RC.gcm		0
8	P2024-1100-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
9	P2024-1100-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
10	P2024-1102-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
11	P2024-1102-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
12	P2024-1104-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
13	P2024-1104-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
14	P2024-1114-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
15	P2024-1114-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
16	P2024-1134-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
17	P2024-1134-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
18	P2024-1148-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
19	P2024-1148-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
20	P2024-1150-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
21	P2024-1150-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
22	P2024-1168-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
23	P2024-1168-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
24	P2024-1172-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
25	P2024-1172-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
28	P2024-1176-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
29	P2024-1176-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
30	P2024-1209-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
31	P2024-1209-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
32	P2024-1210-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
33	P2024-1210-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
34	P2024-1214-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
35	P2024-1214-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
36	P2024-1217-2	0:Unknown	ALCOHOL_041224_RC.gcm		0
37	P2024-1217-2-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
38	P2024-1218-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
39	P2024-1218-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
40	P2024-1231-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
41	P2024-1231-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
42	P2024-1241-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
43	P2024-1241-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
44	P2024-1242-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
45	P2024-1242-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
46	QC1-2	0:Unknown	ALCOHOL_041224_RC.gcm		0
47	QC1-2-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
48	INT STD BLK 3	0:Unknown	ALCOHOL_041224_RC.gcm		0