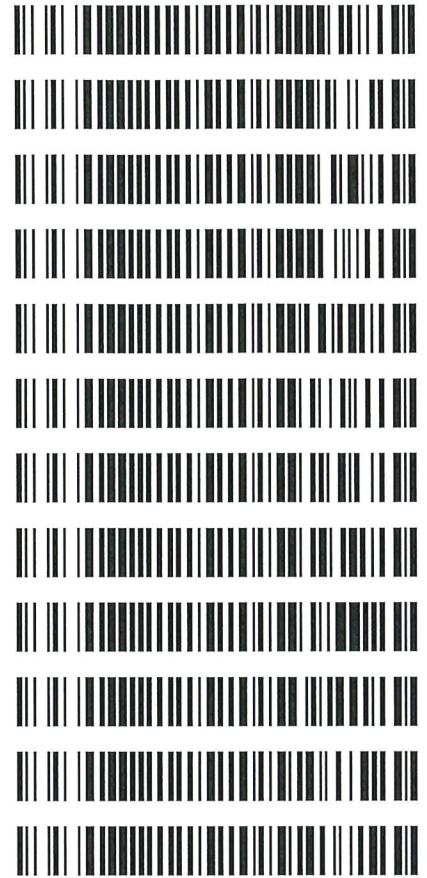


Worklist: 7015

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2025-0017	1	BCK	Alcohol Analysis
P2025-0021	1	BCK	Alcohol Analysis
P2025-0022	1	BCK	Alcohol Analysis
P2025-0023	1	BCK	Alcohol Analysis
P2025-0027	1	BCK	Alcohol Analysis
P2025-0036	1	UCK	Alcohol Analysis
P2025-0041	1	BCK	Alcohol Analysis
P2025-0043	1	BCK	Alcohol Analysis
P2025-0045	1	BCK	Alcohol Analysis
P2025-0048	1	BCK	Alcohol Analysis
P2025-0065	1	BCK	Alcohol Analysis
P2025-0067	1	BCK	Alcohol Analysis



Also ran P2024-3309-1 from Worklist 7010
 EC

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): 01/08/2025**Calibration Date: (if different):**Worklist #: 7015*

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0817 g/100cc
					0.0881 g/100cc
					0.2068 g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	g/100cc
Multi-Component mixture:		Exp:	2028 May	Lot # FN02162310	OK
Curve Fit:		Column 1	0.99994	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	0.0510	0.0514	0.0004	0.0512
100	0.100	0.090 - 0.110	0.1005	0.1005	0	0.1005
200	0.200	0.180 - 0.220	0.1985	0.1981	0.0004	0.1983
300	0.300	0.270 - 0.330	0.2987	0.2983	0.0004	0.2985
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5011	0.5014	0.0003	0.5012

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 #:	7015	Run Date(s):	01/08/2025
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Internal Standard Solution:	Prep Date:	11/26/2024	Exp Date:	5/26/2025
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Sample Name	Column 1 Value	Column 2 Value
0.080	176872	175387
0.080	177077	175513
QC1	180328	178618
QC1	179265	177793
QC1	182884	181102
QC1	189375	187697
QC1		
QC1		
QC2	178877	177111
QC2	173495	171459
QC2		
QC2		
QC2		
QC2		

Average	(-)20%	(+)20%
Column 1 179771.6	143817.3	215726.0
Column 2 178085.0	142468.0	213702.0

=====

Calibration Table

=====

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

<<Data File>>
Method File :Default Project - ALCOHOL_010825_RC.gcm
Batch File :Default Project - BATCH_010825_RC.gcb
Date Acquired :1/8/2025 4:00:15 PM
Date Created :1/8/2025 3:56:48 PM
Date Modified :1/8/2025 4:06:17 PM

Not Ready

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

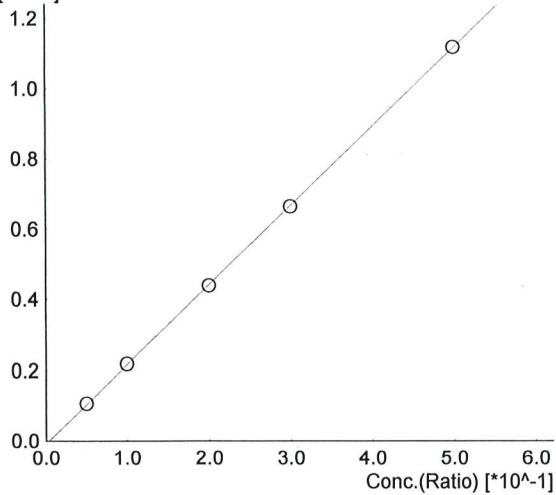
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

Not Ready

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

Area Ratio
[*10⁴]



Name : ETHANOL
Detector Name: FID1
Function : $f(x)=2.24729 \cdot x - 0.00796801$
 R^2 value= 0.9999483
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18798	0.0510	0.050_182025_001.gcd
2	0.100	38656	0.1005	0.100_182025_002.gcd
3	0.200	78282	0.1985	0.200_182025_003.gcd
4	0.300	118706	0.2987	0.300_182025_004.gcd
5	0.500	201601	0.5011	0.500_182025_005.gcd

Not Ready

Name : ISOPROPYL ALCOHOL
Detector Name: FID1
Function : $f(x)=0 \cdot x + 0$
 R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

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

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

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

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

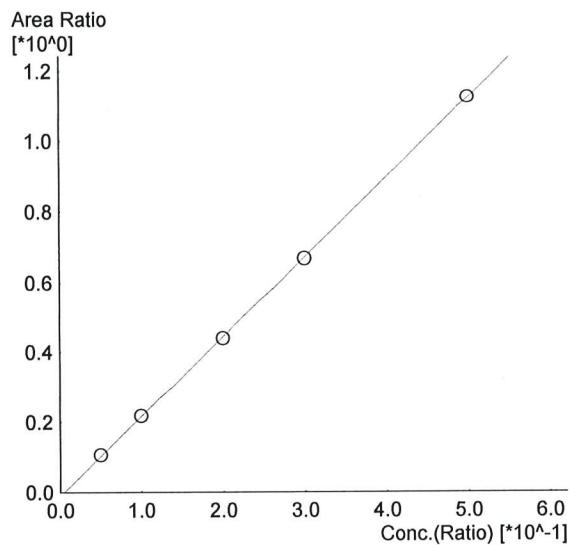
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

CR



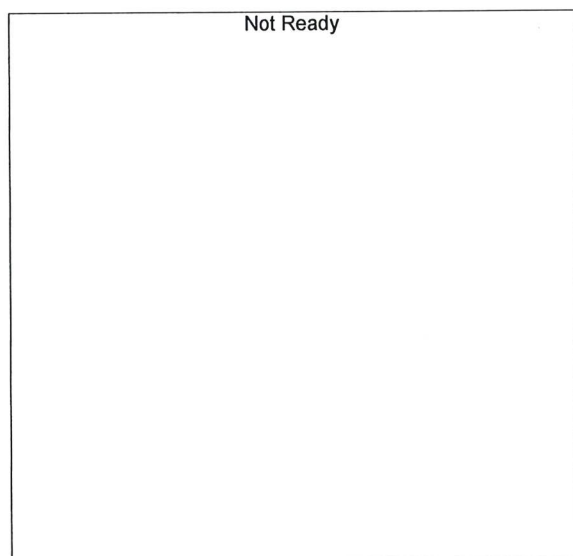
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.26746*x-0.0106504$
 R^2 value= 0.9999156
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18589	0.0514	0.050_182025_001.gcd
2	0.100	38377	0.1005	0.100_182025_002.gcd
3	0.200	78097	0.1981	0.200_182025_003.gcd
4	0.300	118868	0.2983	0.300_182025_004.gcd
5	0.500	202871	0.5014	0.500_182025_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
---	-------	------	------------	----------------

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

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

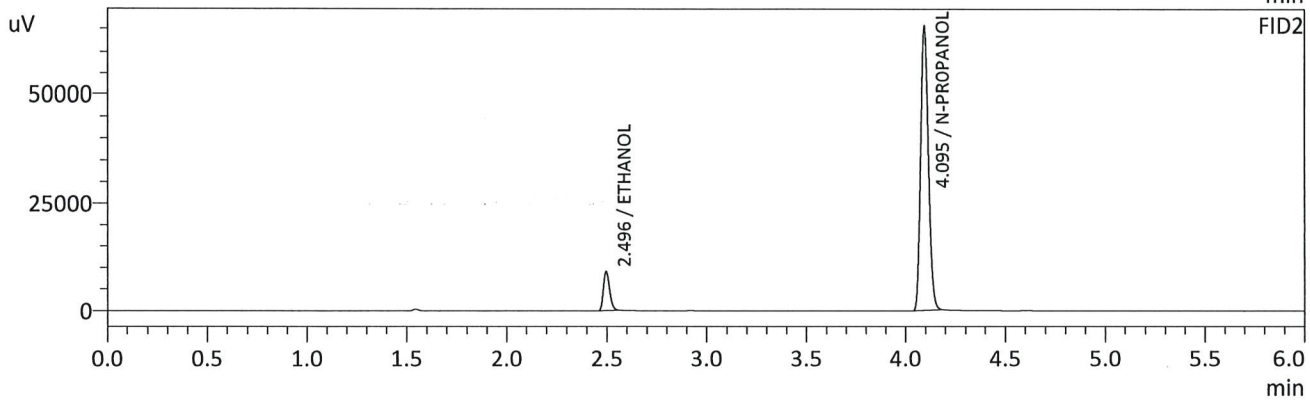
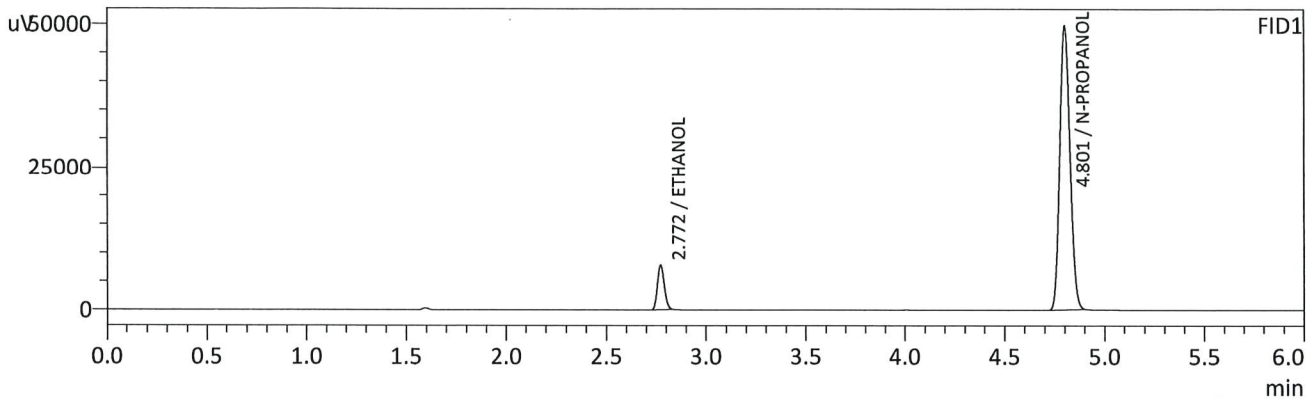
Not Ready

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

RC

Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_182025_001.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 3:22:09 PM
 Date Processed : 1/9/2025 10:33:07 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

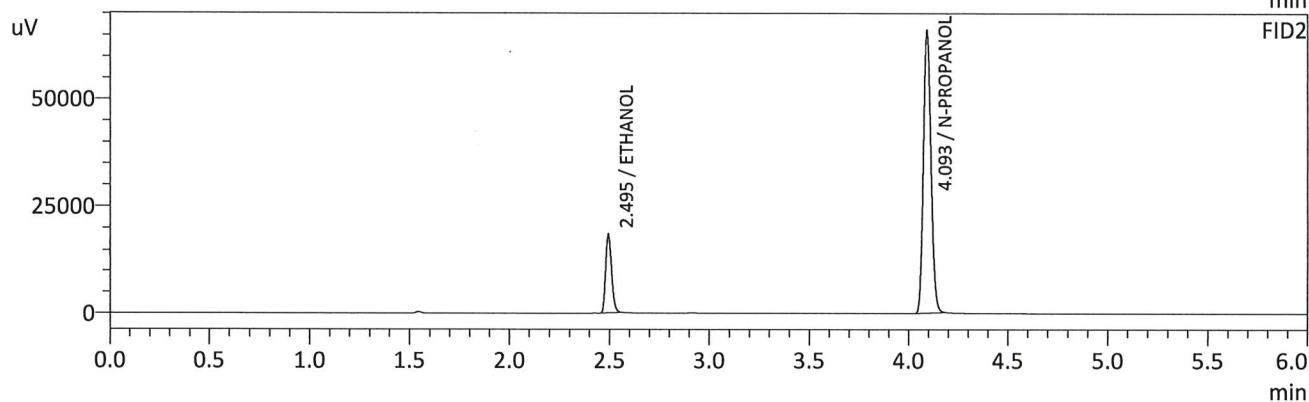
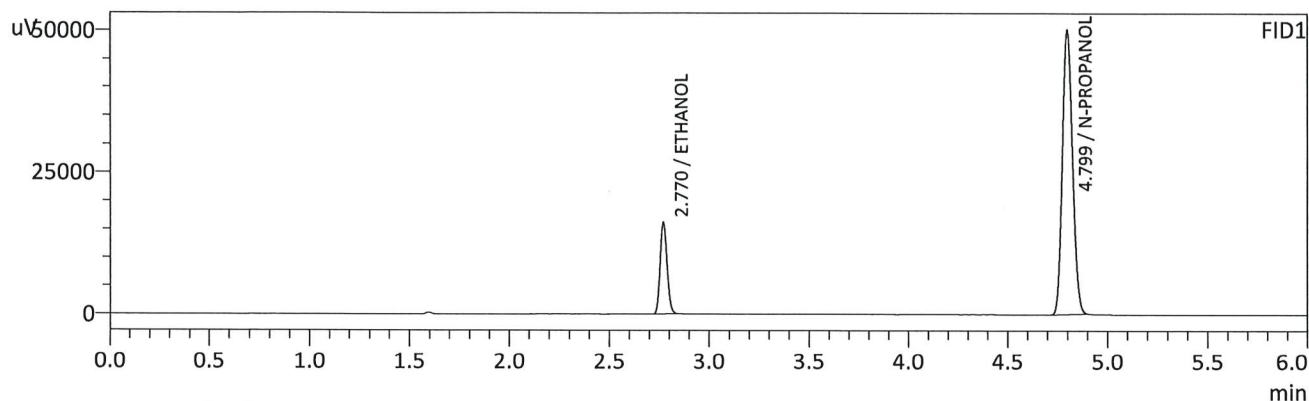
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0510	g/100cc	18798	7775
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176021	49693
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0514	g/100cc	18589	8901
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175267	65501
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_182025_002.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 3:31:38 PM
 Date Processed : 1/9/2025 10:33:17 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

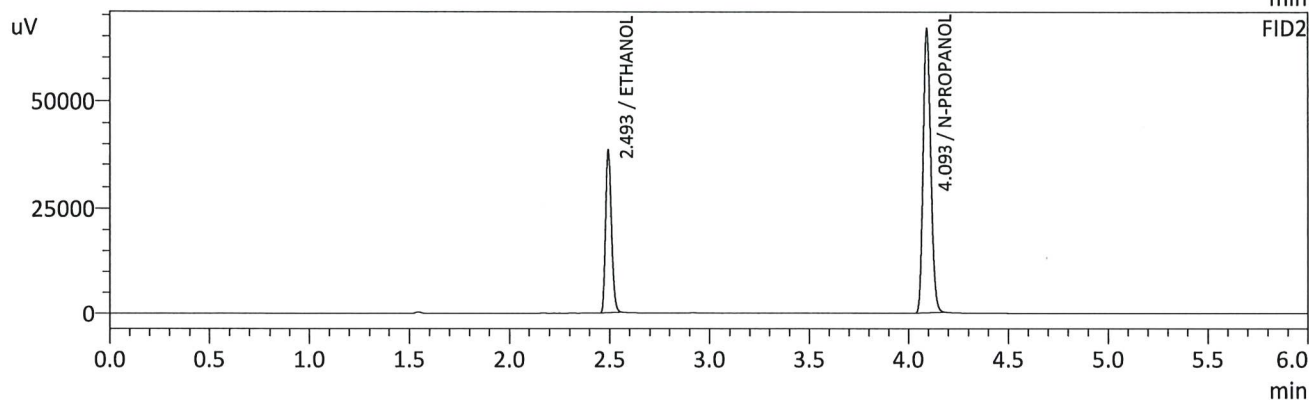
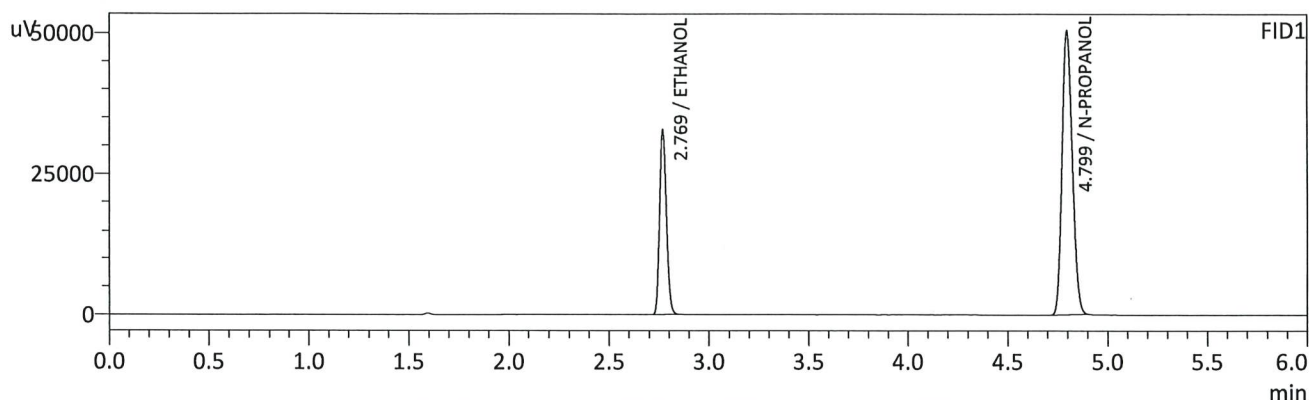
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	38656	16125
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177311	50041
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	38377	18674
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176545	65654
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_182025_003.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 3:40:59 PM
 Date Processed : 1/9/2025 10:33:21 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

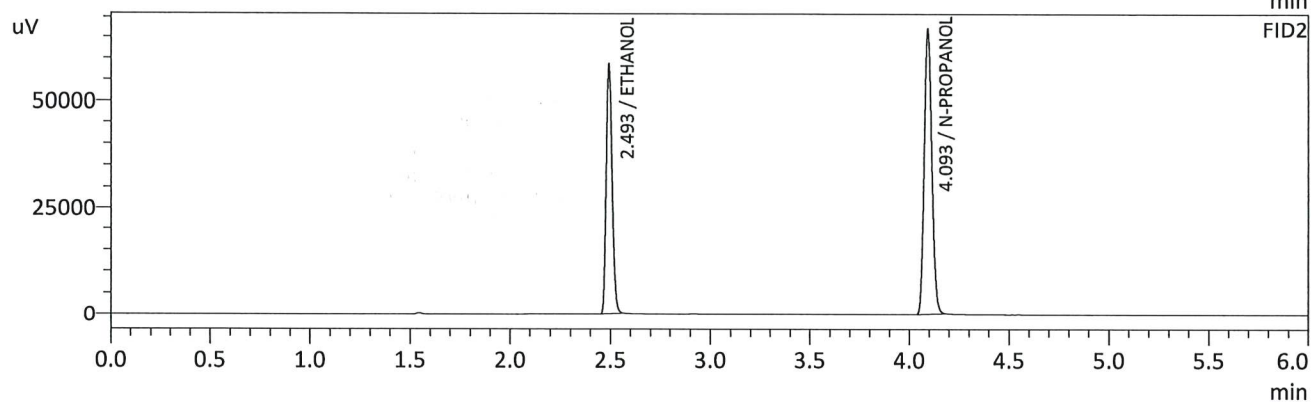
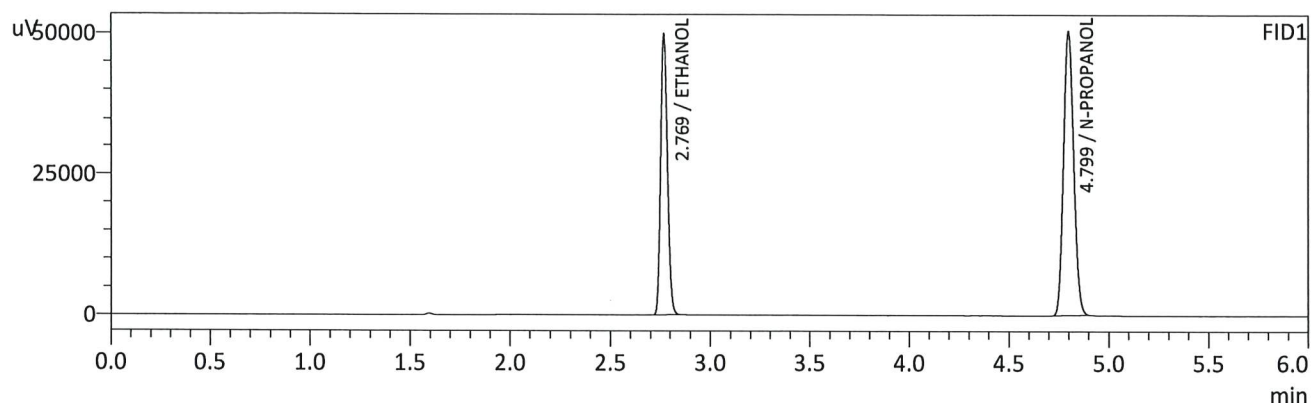
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1985	g/100cc	78282	32678
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178667	50353
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1981	g/100cc	78097	38072
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178075	66331
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_182025_004.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 3:50:44 PM
 Date Processed : 1/9/2025 10:33:25 AM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

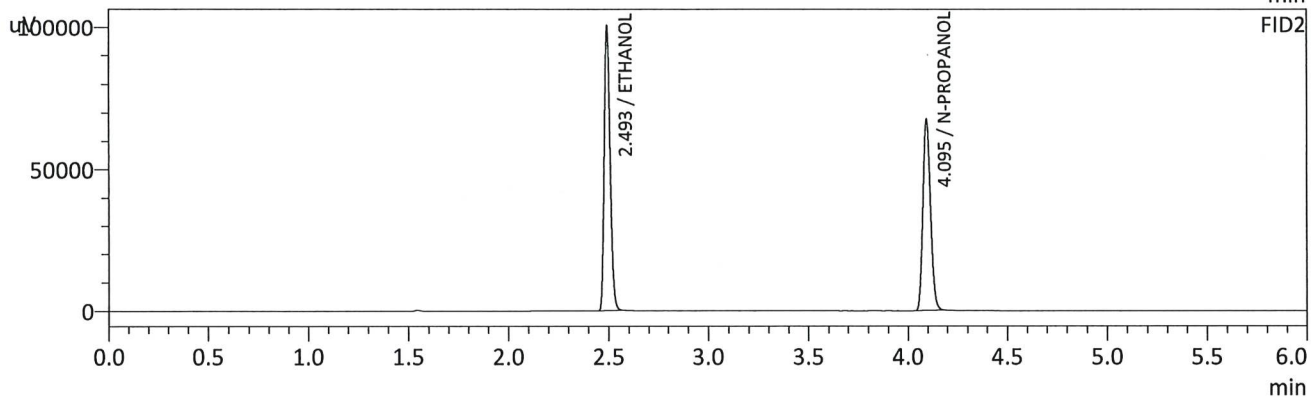
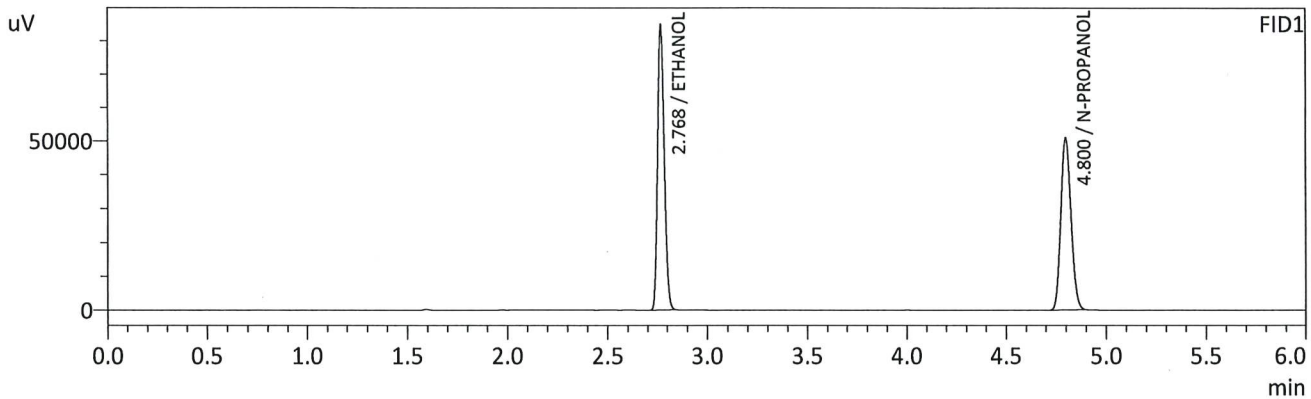
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2987	g/100cc	118706	49602
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178950	50351
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2983	g/100cc	118868	58055
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178499	66231
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_182025_005.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:00:15 PM
 Date Processed : 1/8/2025 4:06:17 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

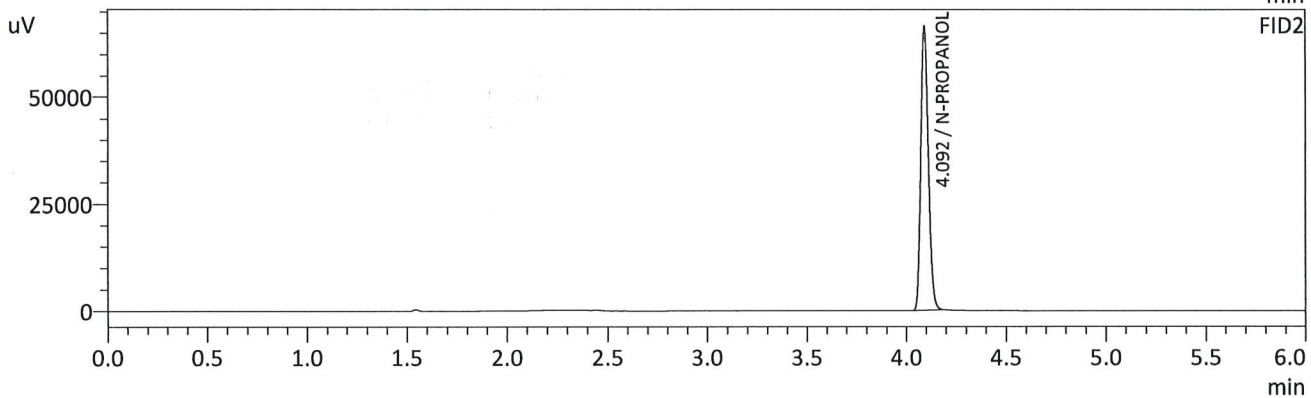
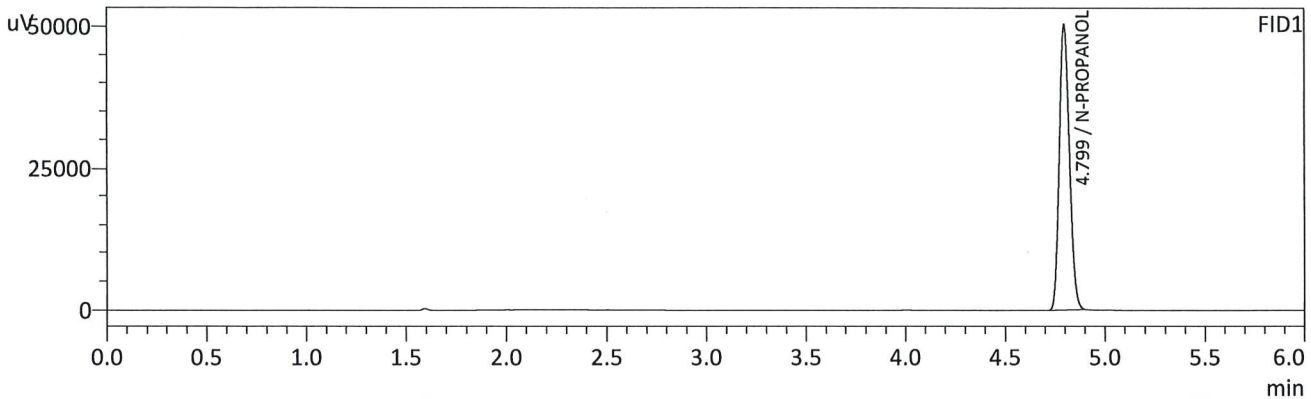
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5011	g/100cc	201601	84253
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180282	51002
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	202871	99458
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180106	67466
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CRC

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_182025_006.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:09:32 PM
 Date Processed : 1/8/2025 4:15:33 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

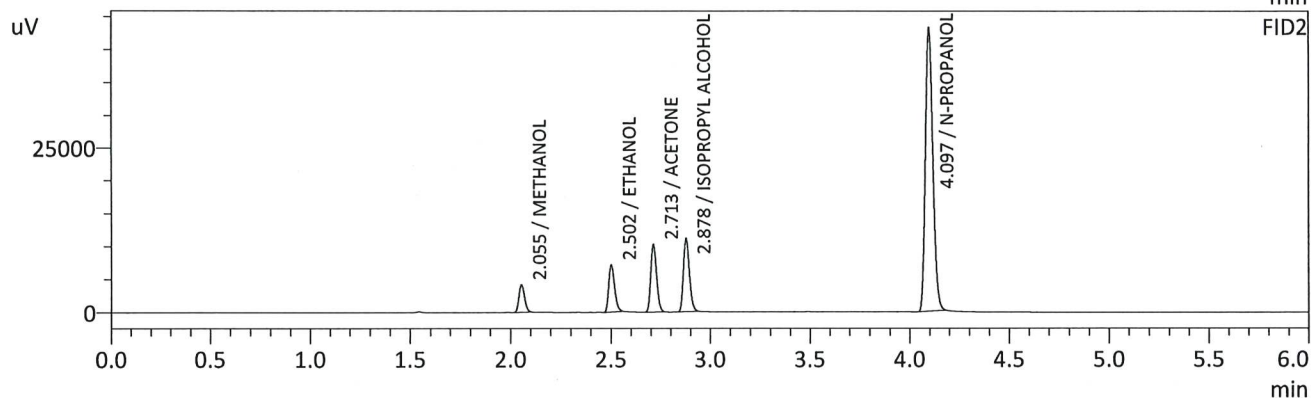
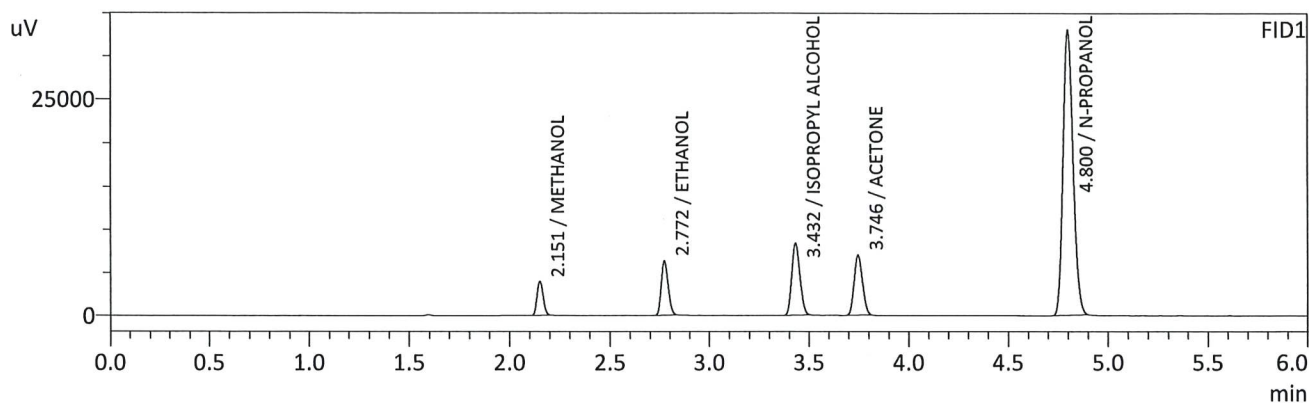
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178166	50313
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

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	176817	66174
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CR

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_182025_007.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:19:18 PM
 Date Processed : 1/8/2025 4:25:19 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

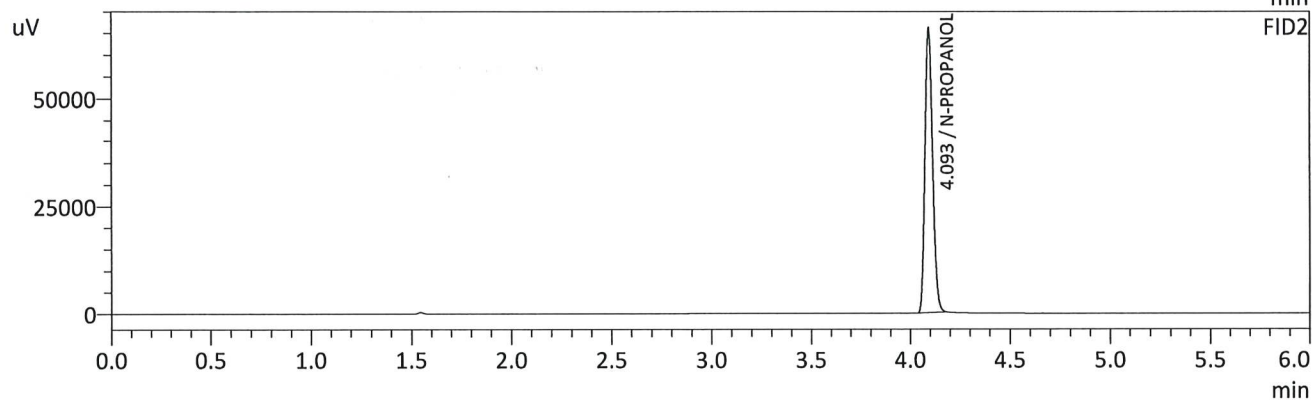
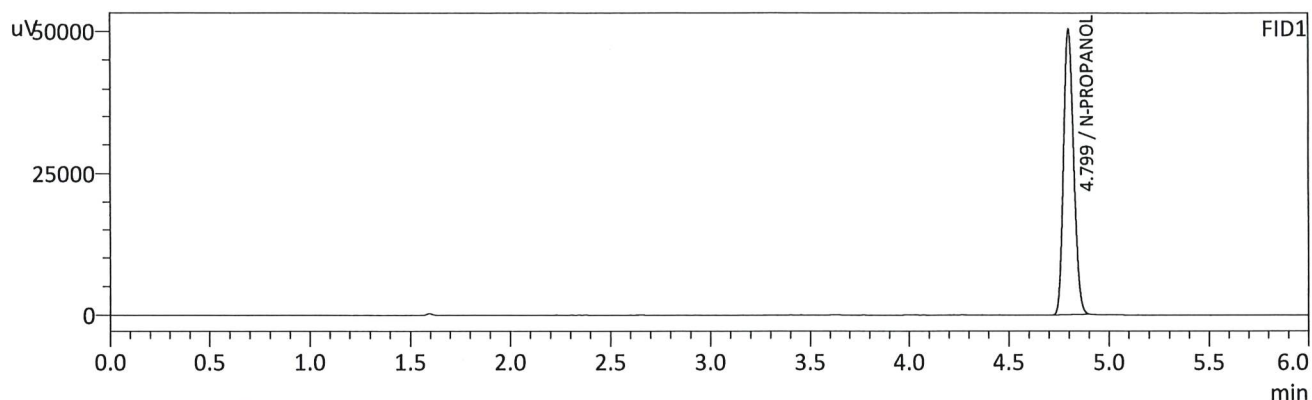
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	8173	3856
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0610	g/100cc	14962	6257
ISOPROPYL ALCOHOL	0.0000	g/100cc	23458	8336
ACETONE	0.0000	g/100cc	20089	6981
N-PROPANOL	0.0000	g/100cc	115782	33005
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	8108	4139
ETHANOL	0.0608	g/100cc	14429	7050
ACETONE	0.0000	g/100cc	20804	10175
ISOPROPYL ALCOHOL	0.0000	g/100cc	23659	11081
N-PROPANOL	0.0000	g/100cc	113297	42833
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_182025_008.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:28:48 PM
 Date Processed : 1/8/2025 4:34:50 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	177871	50303
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	175986	65520
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1			Analysis Date(s): 1/8/2025 4:38:06 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0818	0.0815	0.0003	0.0816	0.0002	0.0817
(g/100cc)	0.0820	0.0816	0.0004	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_010825_RC.gcm

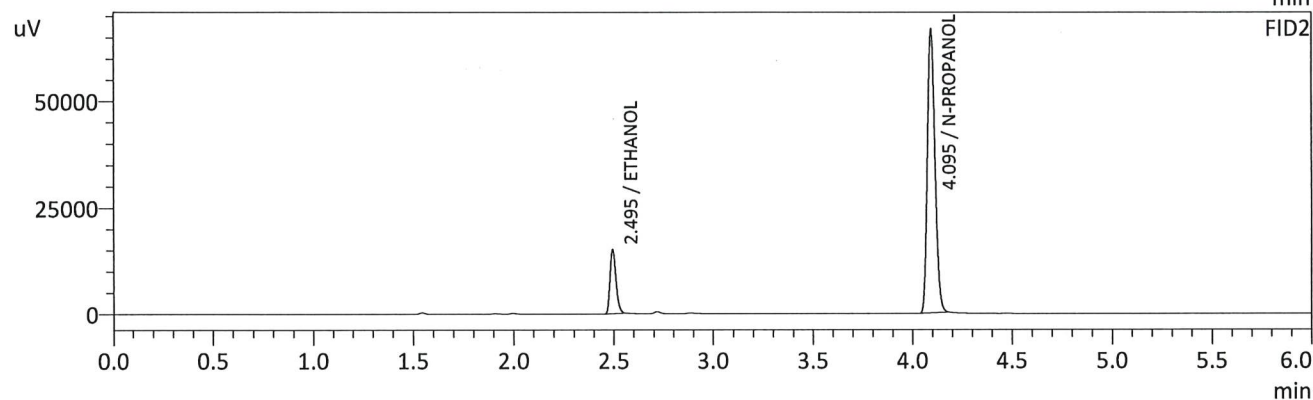
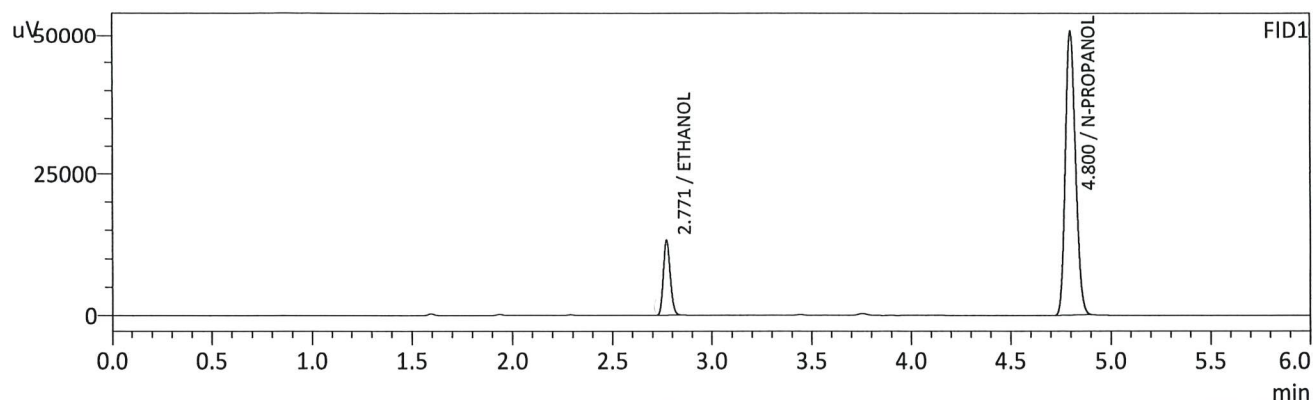
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

	Reported Results	
	0.081	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1
 Vial # : 9
 Data Filename : QC1-1_182025_009.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:38:06 PM
 Date Processed : 1/8/2025 4:44:08 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

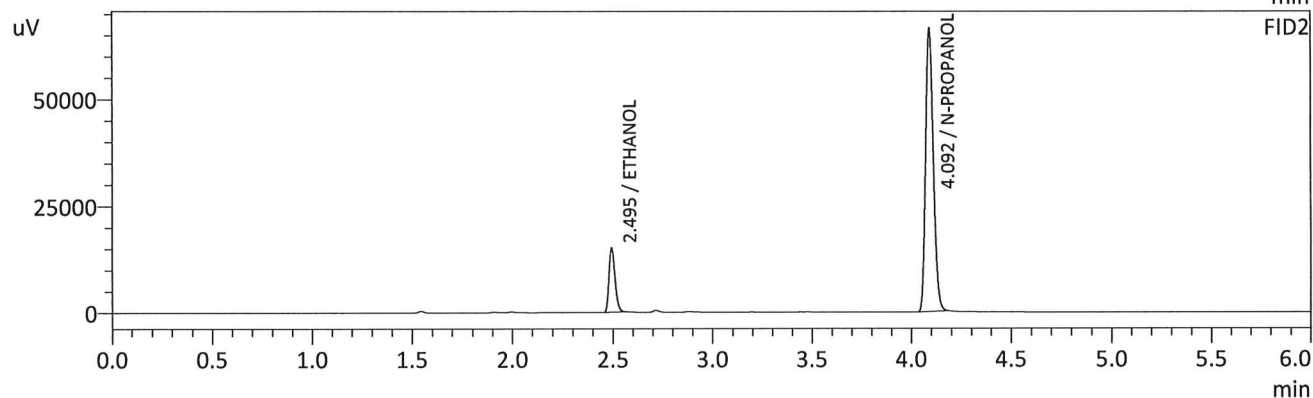
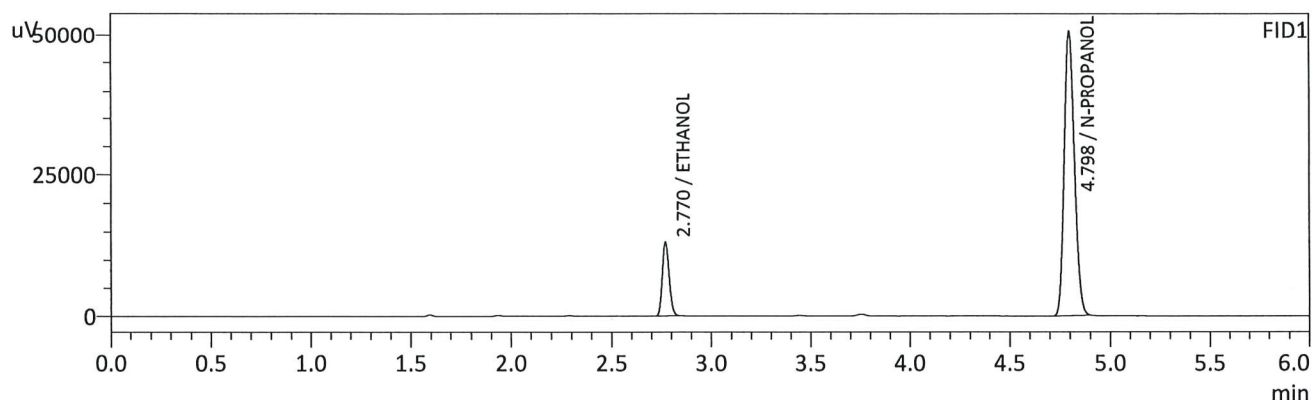
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	31738	13199
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180328	50871
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0815	g/100cc	31134	15082
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178618	66781
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-1-B
 Vial # : 10
 Data Filename : QC1-1-B_182025_010.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:47:50 PM
 Date Processed : 1/8/2025 4:53:53 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	31608	13153
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179265	50546
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0816	g/100cc	31021	15054
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177793	66377
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 1/8/2025 4:57:22 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0813	0.0808	0.0005	0.0810	0.0002	0.0811
(g/100cc)	0.0815	0.0810	0.0005	0.0812		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_010825_RC.gcm

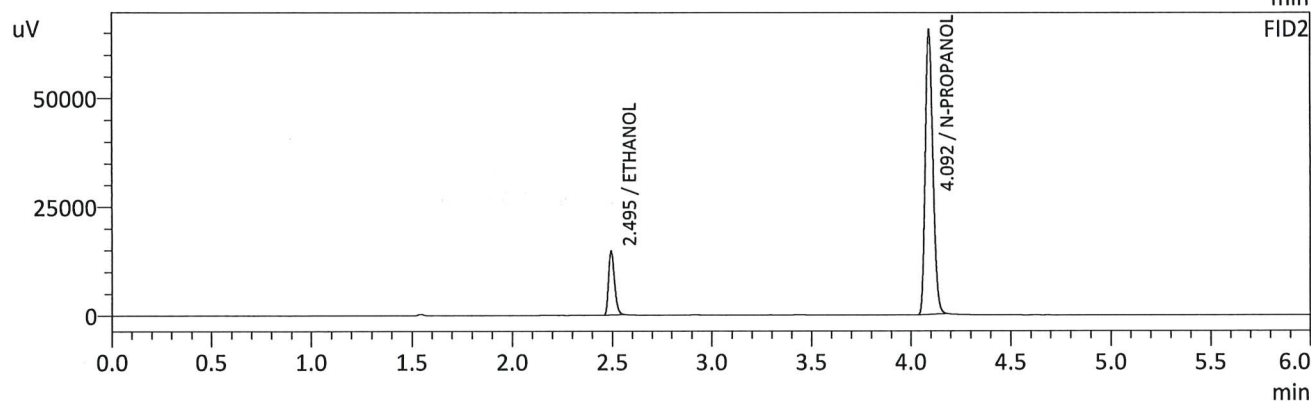
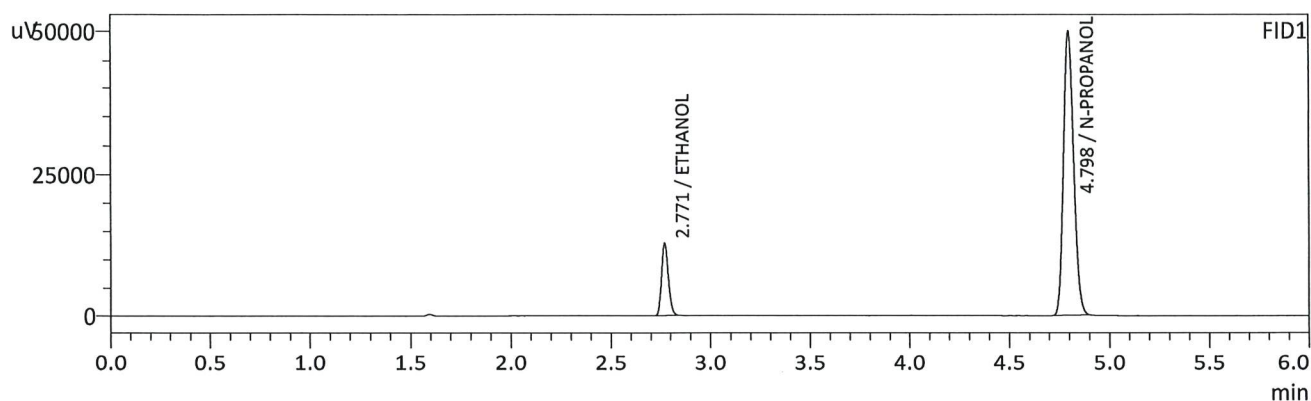
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

	Reported Results	
	0.081	

Calibration and control data are stored centrally.

RC

Sample Name : 0.08 QA
 Vial # : 11
 Data Filename : 0.08 QA_182025_011.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 4:57:22 PM
 Date Processed : 1/8/2025 5:03:23 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

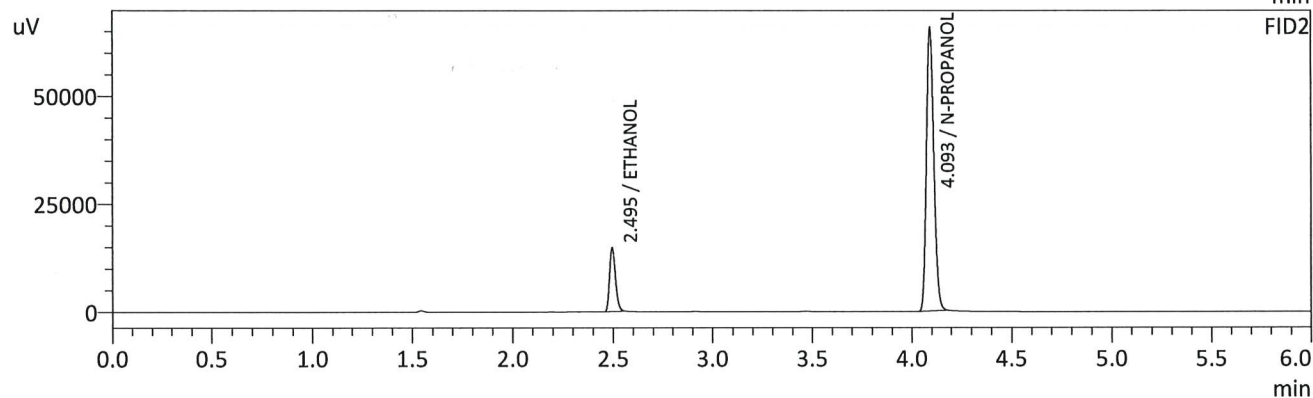
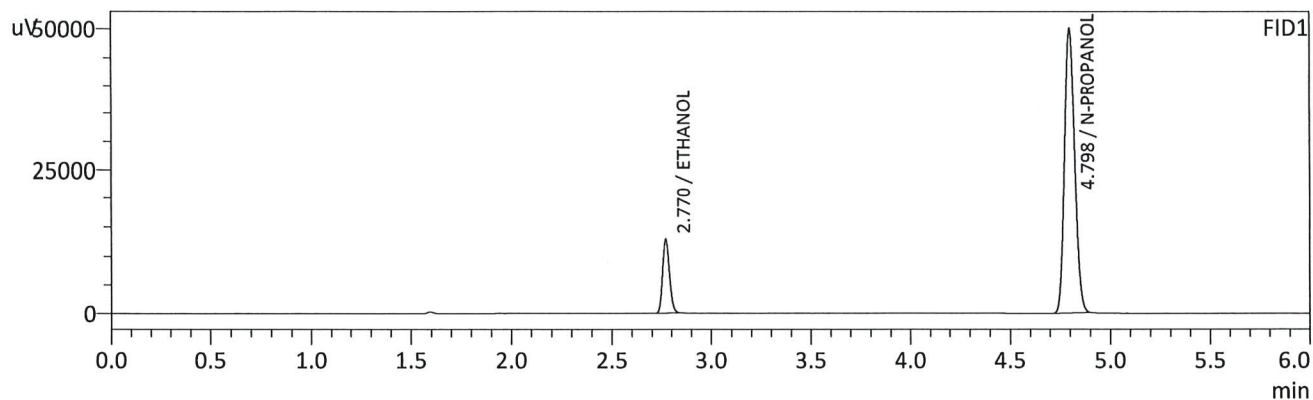
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	30919	12849
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176872	49825
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0808	g/100cc	30301	14665
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175387	65188
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_182025_012.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 5:06:40 PM
 Date Processed : 1/8/2025 5:12:41 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0815	g/100cc	31022	12886
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177077	49845
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	30398	14732
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175513	65212
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1			Analysis Date(s): 1/8/2025 8:07:46 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2077	0.2082	0.0005	0.2079	0.0022	0.2068
(g/100cc)	0.2055	0.2059	0.0004	0.2057		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_010825_RC.gcm

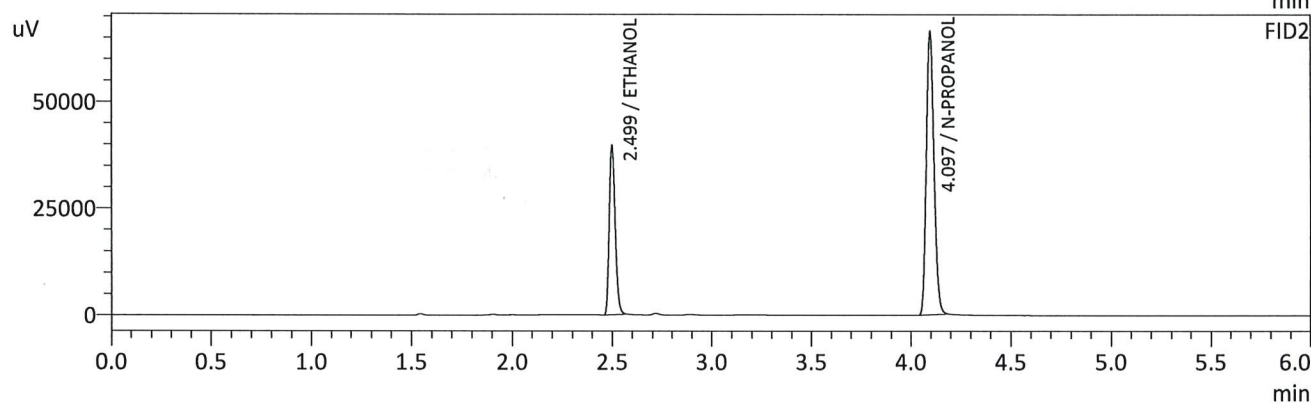
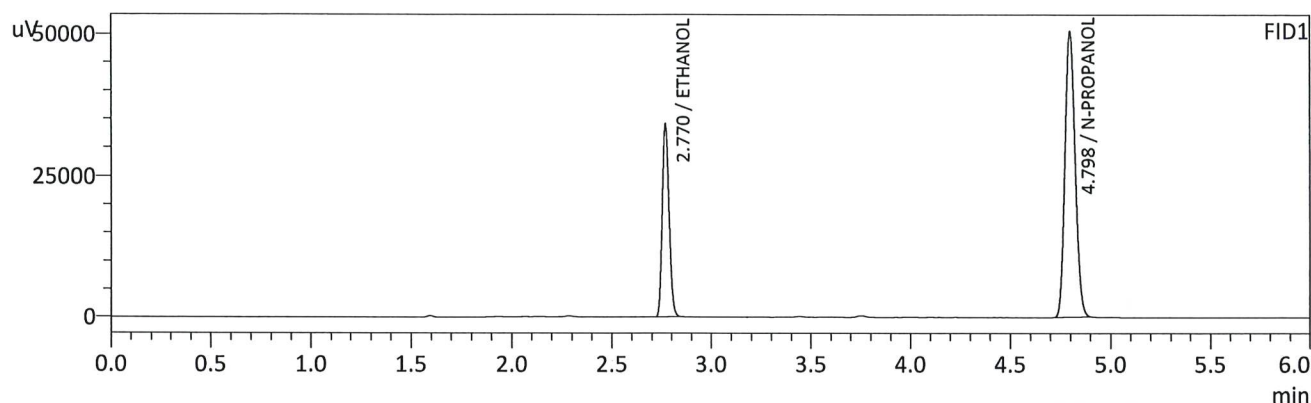
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.206	0.195	0.217	0.011

	Reported Results	
	0.206	

Calibration and control data are stored centrally.

RC

Sample Name : QC2-1
 Vial # : 31
 Data Filename : QC2-1_182025_031.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 8:07:46 PM
 Date Processed : 1/8/2025 8:13:49 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

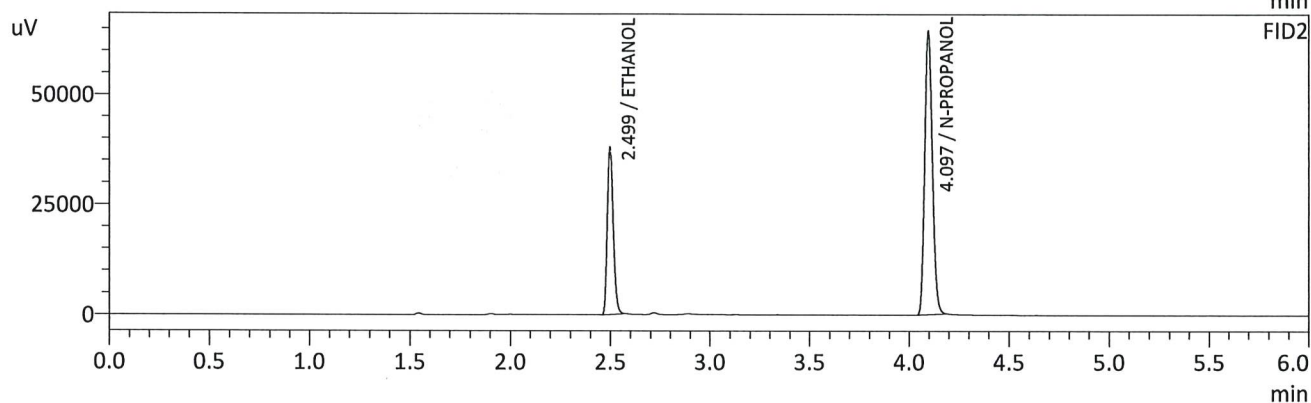
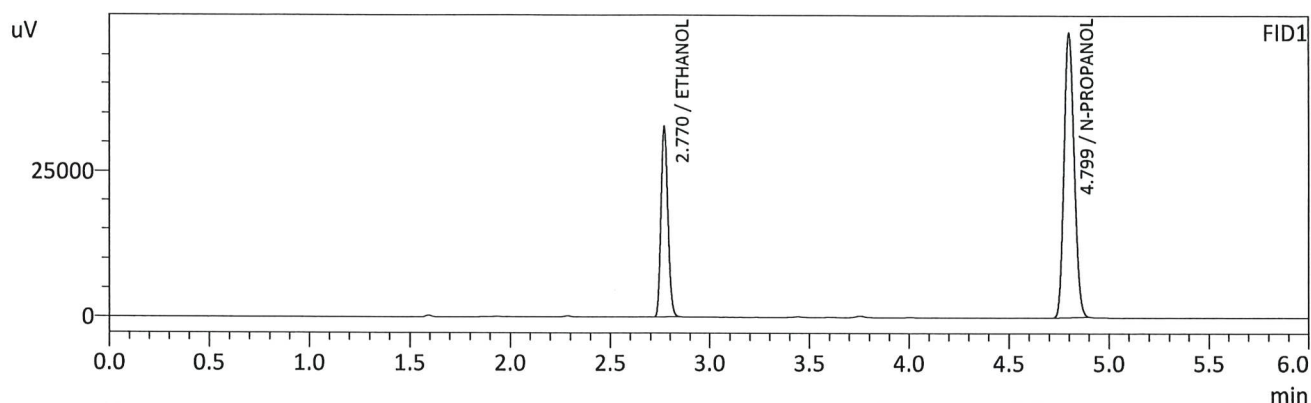
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2077	g/100cc	82103	34050
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178877	50367
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2082	g/100cc	81753	39576
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177111	66201
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC2-1-B
 Vial # : 32
 Data Filename : QC2-1-B_182025_032.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 8:17:20 PM
 Date Processed : 1/8/2025 8:23:20 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2055	g/100cc	78767	32669
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	173495	48964
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2059	g/100cc	78252	37813
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171459	64252
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2				Analysis Date(s): 1/8/2025 9:43:01 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0878	0.0875	0.0003	0.0876	0.0010	0.0881
(g/100cc)	0.0888	0.0884	0.0004	0.0886		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_010825_RC.gcm

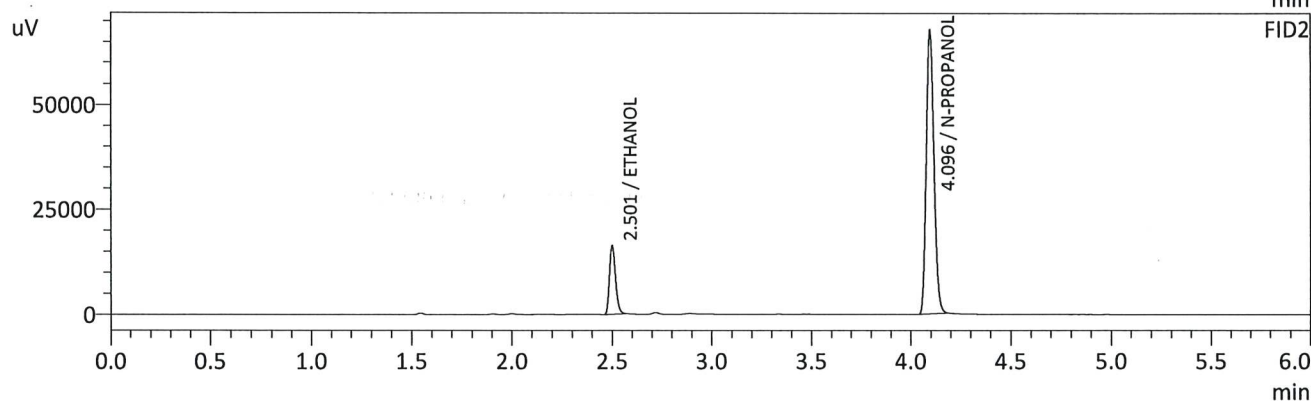
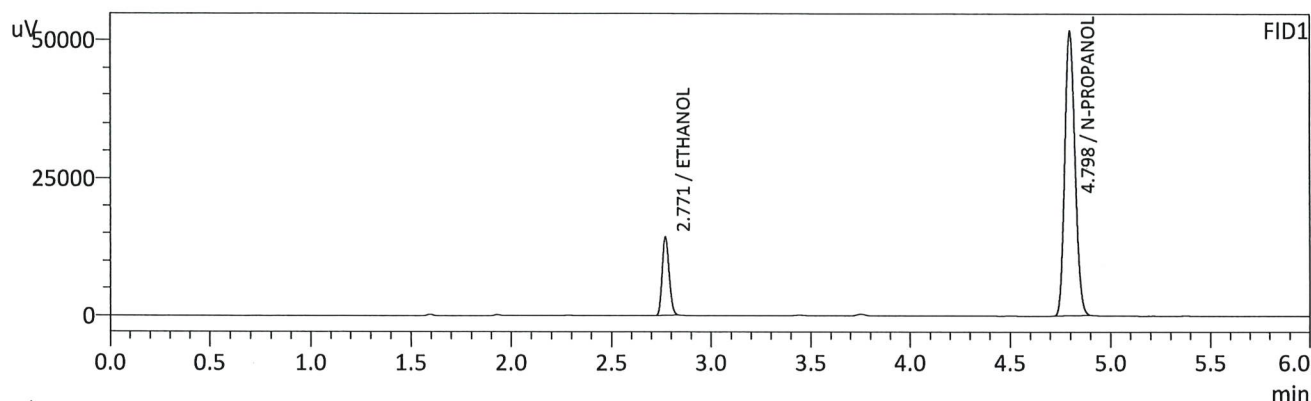
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.088	0.083	0.093	0.005

	Reported Results	
	0.088	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-2
 Vial # : 41
 Data Filename : QC1-2_182025_041.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 9:43:01 PM
 Date Processed : 1/8/2025 9:49:03 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

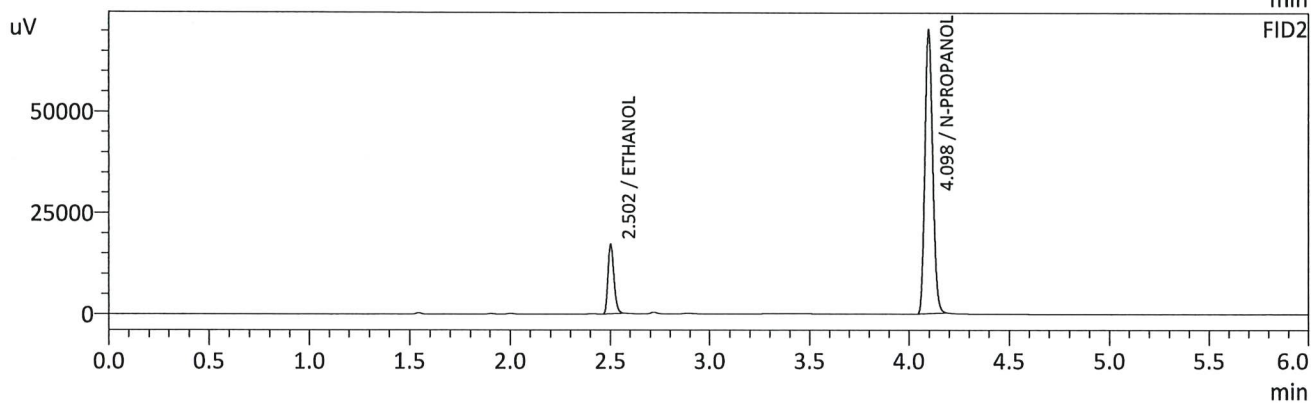
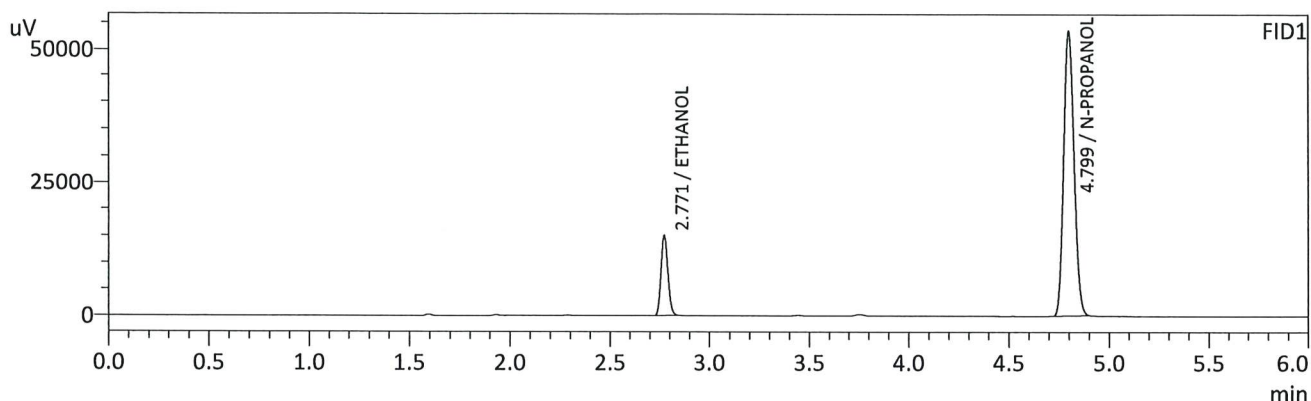
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0878	g/100cc	34667	14302
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182884	51416
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0875	g/100cc	34016	16221
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181102	67660
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-2-B
 Vial # : 42
 Data Filename : QC1-2-B_182025_042.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 9:52:20 PM
 Date Processed : 1/8/2025 9:58:22 PM
 Instrument : GC SN- C12255850662 / HS SN- C12595700014



FID1

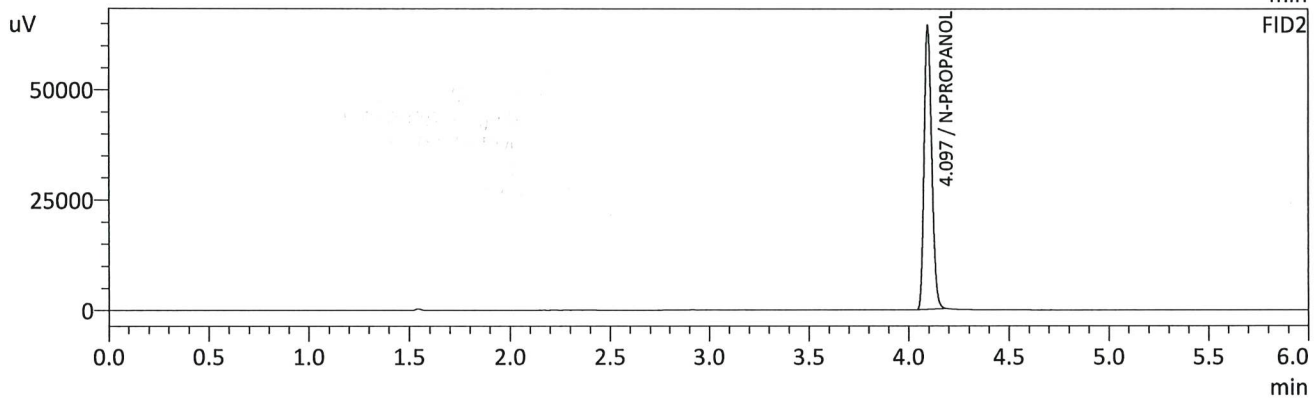
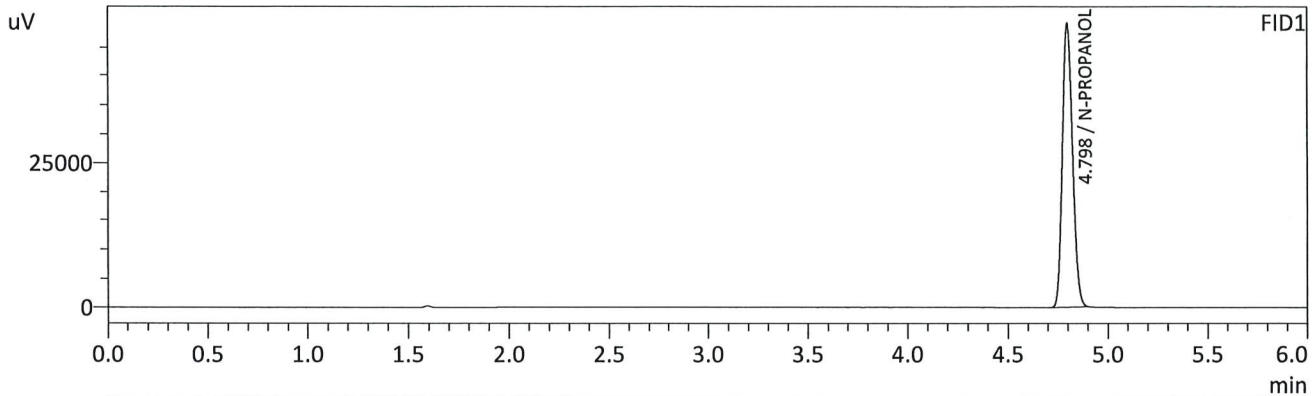
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0888	g/100cc	36293	14990
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189375	53423
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0884	g/100cc	35651	16889
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187697	69750
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 43
 Data Filename : INT STD BLK 3_182025_043.gcd
 Method Filename : ALCOHOL_010825_RC.gcm
 Batch Filename : BATCH_010825_RC.gcb
 Date Acquired : 1/8/2025 10:02:11 PM
 Date Processed : 1/8/2025 10:08:13 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	173893	49010
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	171936	64287
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_010825_RC.gcm		1
2	0.100	1:Standard:(R)	ALCOHOL_010825_RC.gcm		2
3	0.200	1:Standard:(R)	ALCOHOL_010825_RC.gcm		3
4	0.300	1:Standard:(R)	ALCOHOL_010825_RC.gcm		4
5	0.500	1:Standard:(R)	ALCOHOL_010825_RC.gcm		5
6	INT STD BLK 1	0:Unknown	ALCOHOL_010825_RC.gcm		0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_010825_RC.gcm		1
8	INT STD BLK 2	0:Unknown	ALCOHOL_010825_RC.gcm		0
9	QC1-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
10	QC1-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
11	0.08 QA	0:Unknown	ALCOHOL_010825_RC.gcm		0
12	0.08 QA - B	0:Unknown	ALCOHOL_010825_RC.gcm		0
13	P2024-3309-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
X 14	P2024-3309-1B	0:Unknown	ALCOHOL_010825_RC.gcm		0
15	P2025-0017-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
16	P2025-0017-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
17	P2025-0021-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
18	P2025-0021-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
19	P2025-0022-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
20	P2025-0022-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
21	P2025-0023-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
22	P2025-0023-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
23	P2025-0027-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
24	P2025-0027-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
25	P2025-0036-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
26	P2025-0036-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
27	P2025-0041-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
28	P2025-0041-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
29	P2025-0043-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
30	P2025-0043-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
31	QC2-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
32	QC2-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
33	P2025-0045-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
34	P2025-0045-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
35	P2025-0048-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
36	P2025-0048-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
37	P2025-0065-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
38	P2025-0065-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
39	P2025-0067-1	0:Unknown	ALCOHOL_010825_RC.gcm		0
40	P2025-0067-1-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
41	QC1-2	0:Unknown	ALCOHOL_010825_RC.gcm		0
42	QC1-2-B	0:Unknown	ALCOHOL_010825_RC.gcm		0
43	INT STD BLK 3	0:Unknown	ALCOHOL_010825_RC.gcm		0

* From Worklist 7010

RC