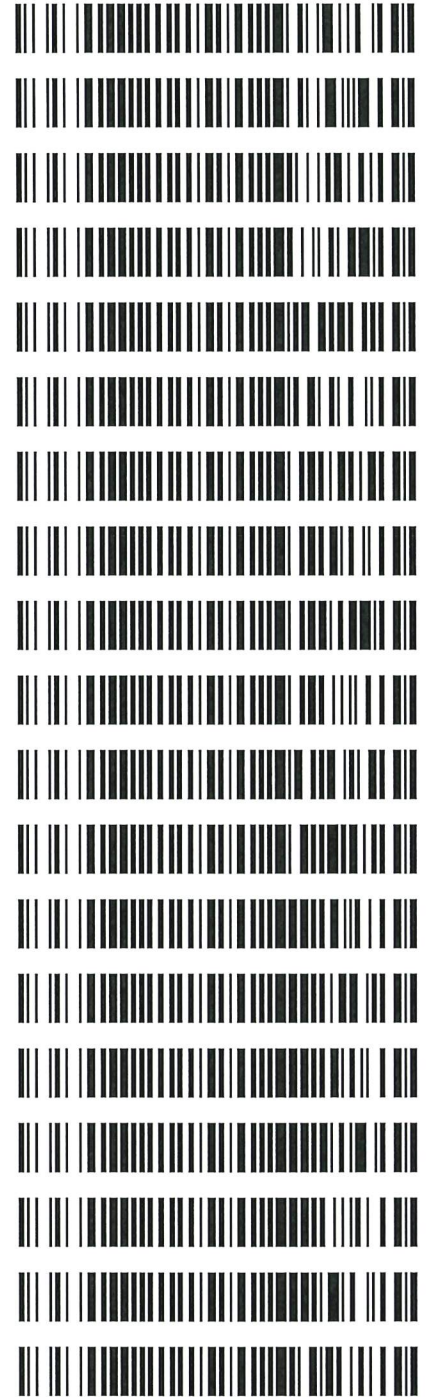


Worklist: 6740

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2024-0706	1	BCK	Alcohol Analysis
P2024-0707	1	BCK	Alcohol Analysis
* P2024-0729	1	BCK	Alcohol Analysis
P2024-0736	1	BCK	Alcohol Analysis
P2024-0746	1	BCK	Alcohol Analysis
P2024-0752	1	BCK	Alcohol Analysis
P2024-0761	1	BCK	Alcohol Analysis
P2024-0762	1	BCK	Alcohol Analysis
P2024-0763	1	BCK	Alcohol Analysis
P2024-0764	1	BCK	Alcohol Analysis
P2024-0782	1	BCK	Alcohol Analysis
P2024-0786	1	BCK	Alcohol Analysis
P2024-0787	1	BCK	Alcohol Analysis
P2024-0788	1	BCK	Alcohol Analysis
P2024-0789	1	BCK	Alcohol Analysis
P2024-0790	1	BCK	Alcohol Analysis
P2024-0791	1	BCK	Alcohol Analysis
P2024-0809	1	BCK	Alcohol Analysis
P2024-0813	1	BCK	Alcohol Analysis



* Re-testing in next run.
RC 3/23/24

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): 3/22/24

Calibration Date: (if different) :

Worklist #: 6740

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0830 g/100cc 0.0897 g/100cc g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2076 g/100cc g/100cc g/100cc
Multi-Component mixture:		Exp:	2024 October	Lot #	FN06041902 OK
Curve Fit:		Column 1	0.99990	Column2	0.99979

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	0.0524	0.0012	0.0518
100	0.100	0.090 - 0.110	0.1007	0.1003	0.0004	0.1005
200	0.200	0.180 - 0.220	0.1985	0.1977	0.0008	0.1981
300	0.300	0.270 - 0.330	0.2977	0.2970	0.0007	0.2973
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5016	0.5023	0.0007	0.5019

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 #:	6740	Run Date(s):	3/22/24
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Internal Standard Solution:	Prep Date:	3/22/2024	Exp Date:	9/22/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	167426	169415
0.080	167234	169103
QC1	169944	169460
QC1	168732	170229
QC1	176397	177930
QC1	172602	174020
QC1		
QC1		
QC2	168188	170747
QC2	166921	169449
QC2		
QC2		
QC2		
QC2		

Average	(-)20%	(+)20%
Column 1	135744.4	203616.6
Column 2	137035.3	205553.0

Calibration Table

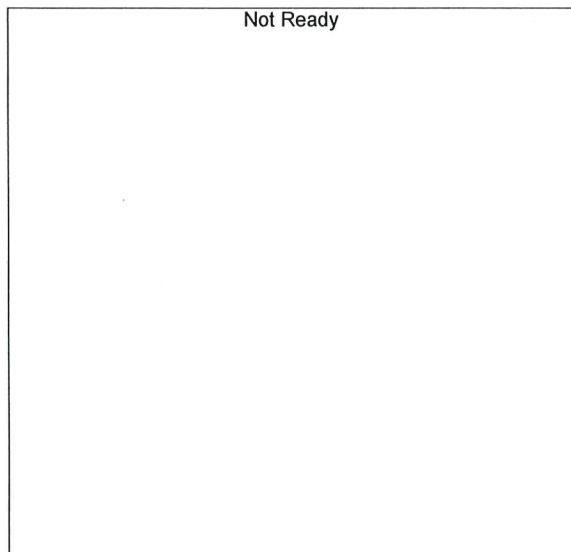
Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

<<Data File>>
 Method File :Default Project - ALCOHOL_032224_RC.gcm
 Batch File :Default Project - BATCH_032224_RC.gcb
 Date Acquired :3/22/2024 3:13:14 PM
 Date Created :3/22/2024 3:09:45 PM
 Date Modified :3/22/2024 3:19:16 PM



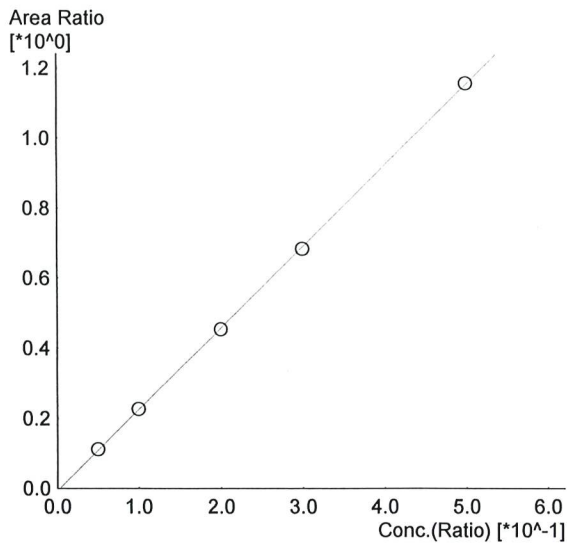
Name : METHANOL
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



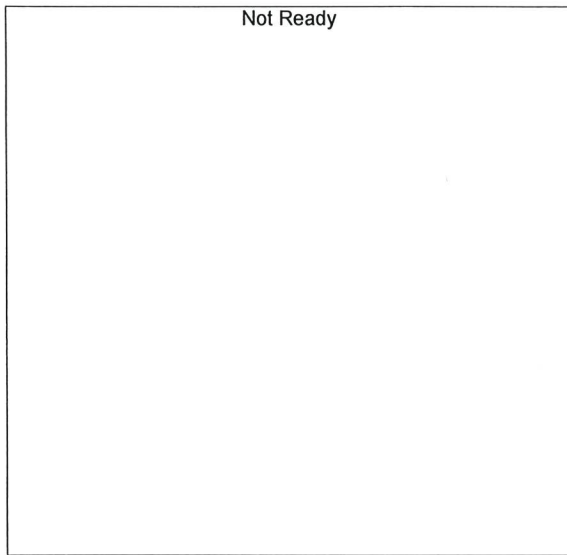
Name : ACETALDEHYDE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



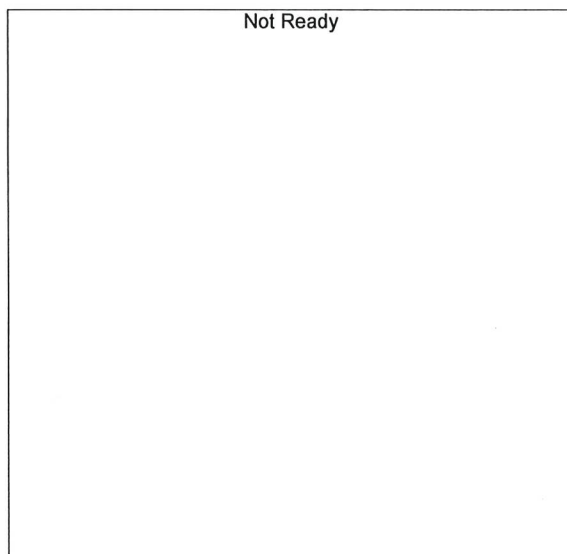
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.31769*x-0.00681066$
 R^2 value= 0.9999056 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18452	0.0512	0.050_3222024_001.gcd
2	0.100	37920	0.1007	0.100_3222024_002.gcd
3	0.200	76936	0.1985	0.200_3222024_003.gcd
4	0.300	116505	0.2977	0.300_3222024_004.gcd
5	0.500	196904	0.5016	0.500_3222024_005.gcd



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

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



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

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

Not Ready

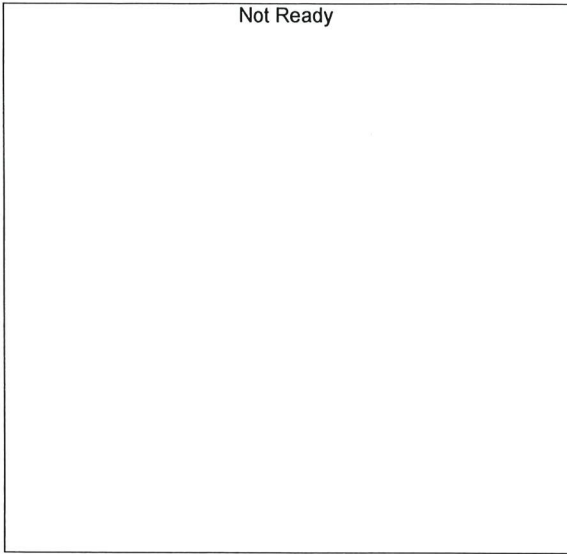
Name : TFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

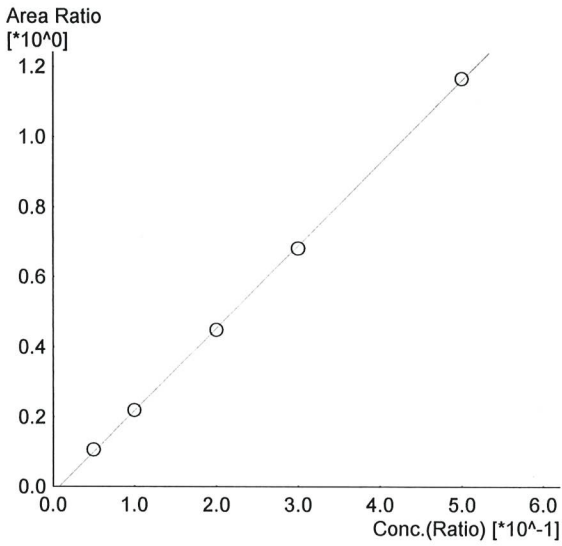
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	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
---	-------	------	------------	----------------



Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.35592*x-0.0176461$
 R² value= 0.9997997 ✓
 FitType: Linear
 ZeroThrough: Not Through

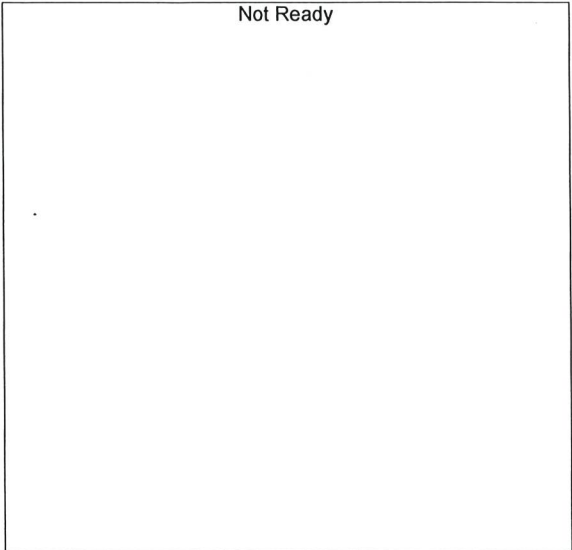
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	17326	0.0524	0.050_3222024_001.gcd
2	0.100	36155	0.1003	0.100_3222024_002.gcd
3	0.200	75175	0.1977	0.200_3222024_003.gcd
4	0.300	115093	0.2970	0.300_3222024_004.gcd
5	0.500	196938	0.5023	0.500_3222024_005.gcd



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

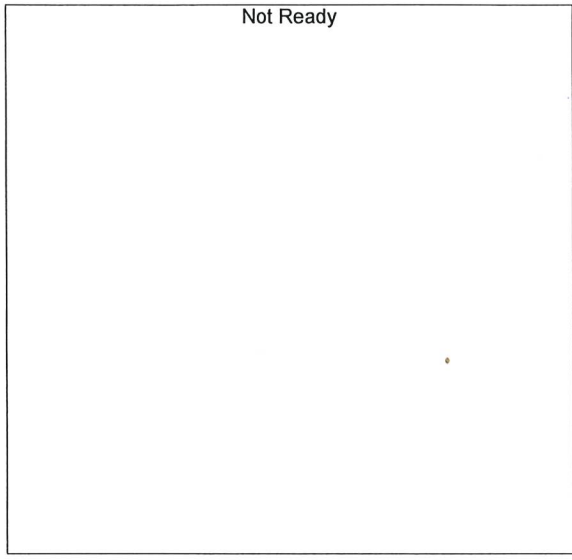
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

JRC



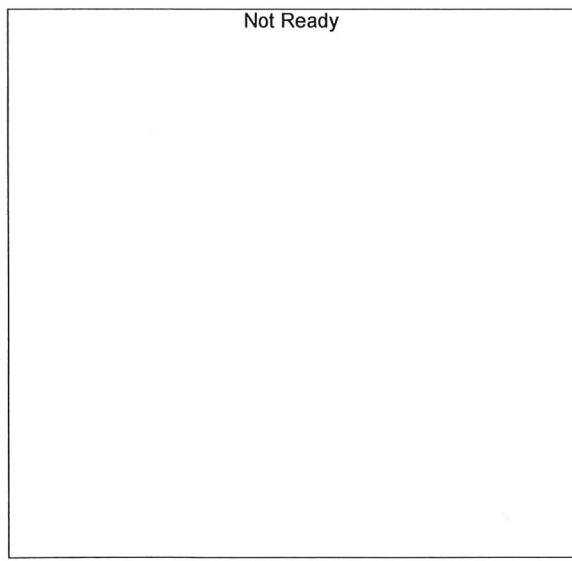
Name : ISOPROPYL ALCOHOL
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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



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

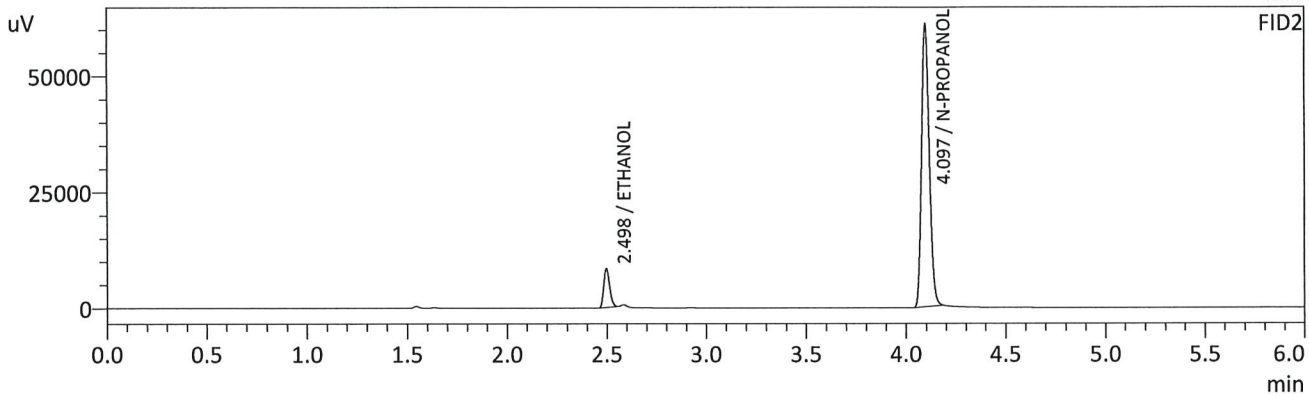
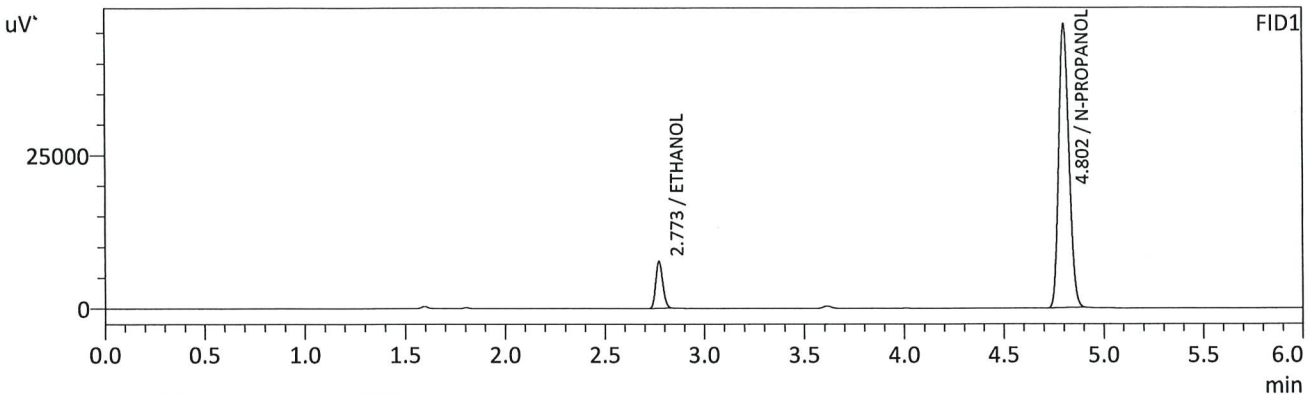


Name : TFE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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

Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_3222024_001.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 2:35:07 PM
 Date Processed : 3/23/2024 8:54:22 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

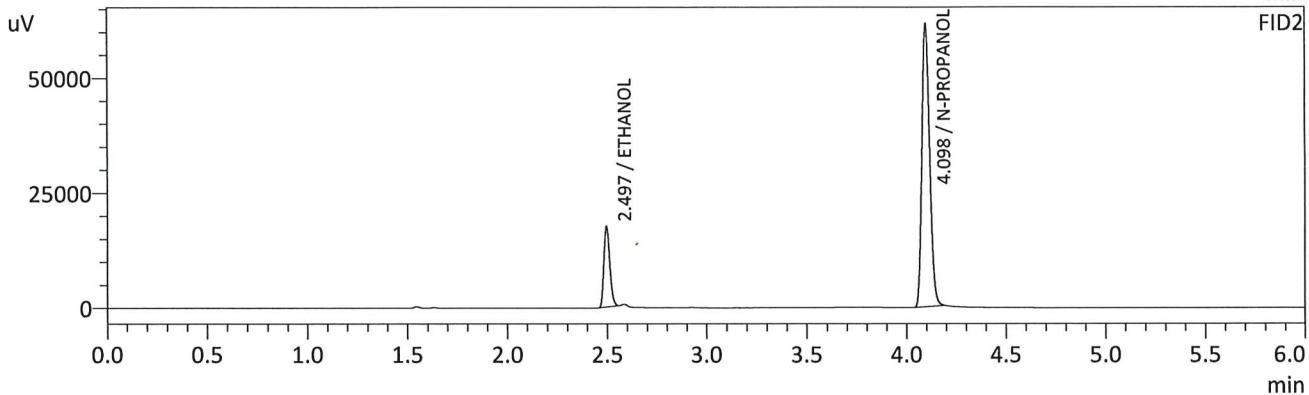
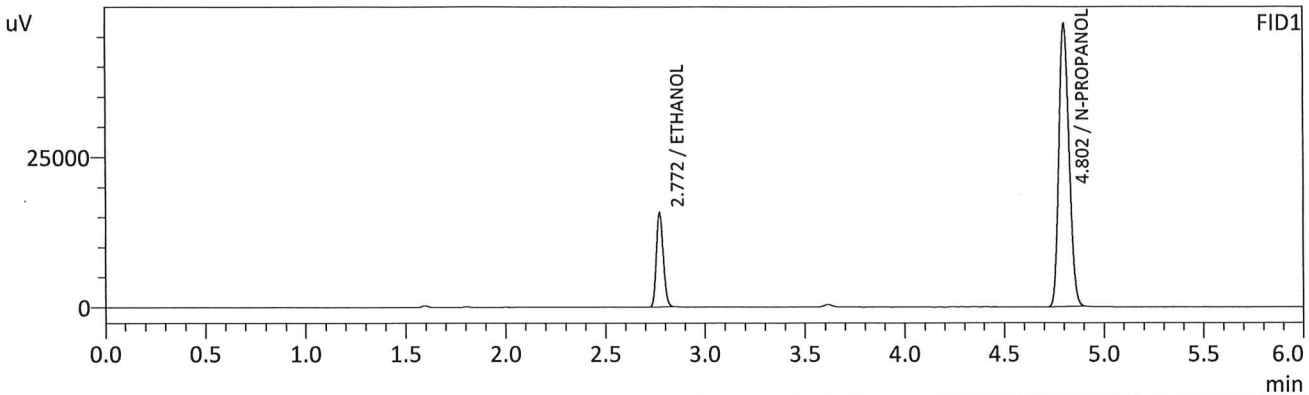
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0512	g/100cc	18452	7581
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164691	46175
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0524	g/100cc	17326	8308
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163452	60521
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

YRC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_3222024_002.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 2:44:37 PM
 Date Processed : 3/23/2024 8:54:26 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

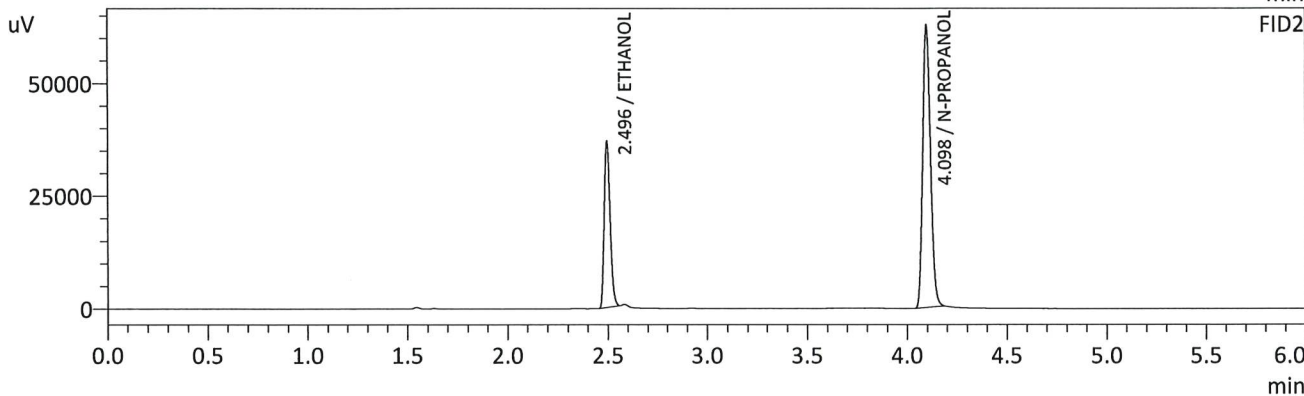
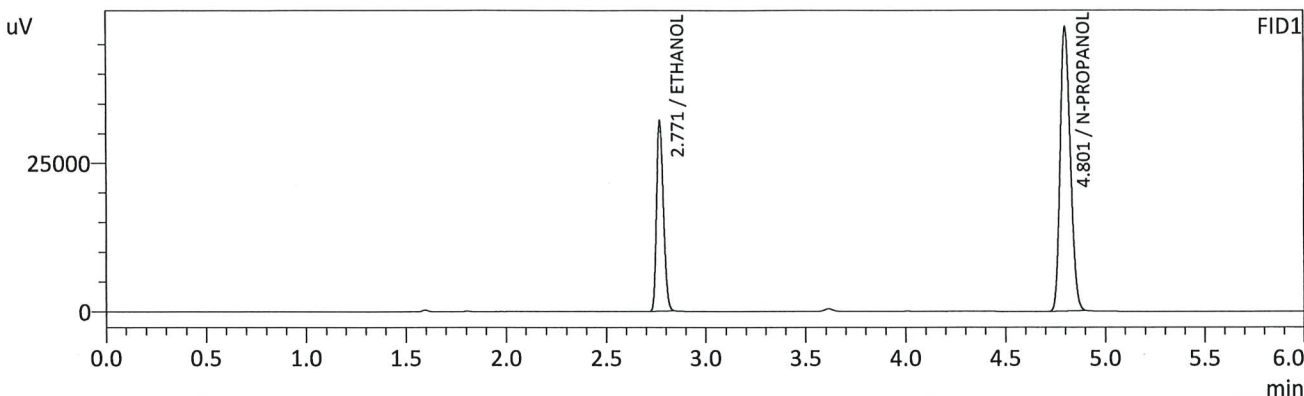
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1007	g/100cc	37920	15632
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167258	47004
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	36155	17339
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165262	61022
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_3222024_003.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 2:53:58 PM
 Date Processed : 3/23/2024 8:54:29 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



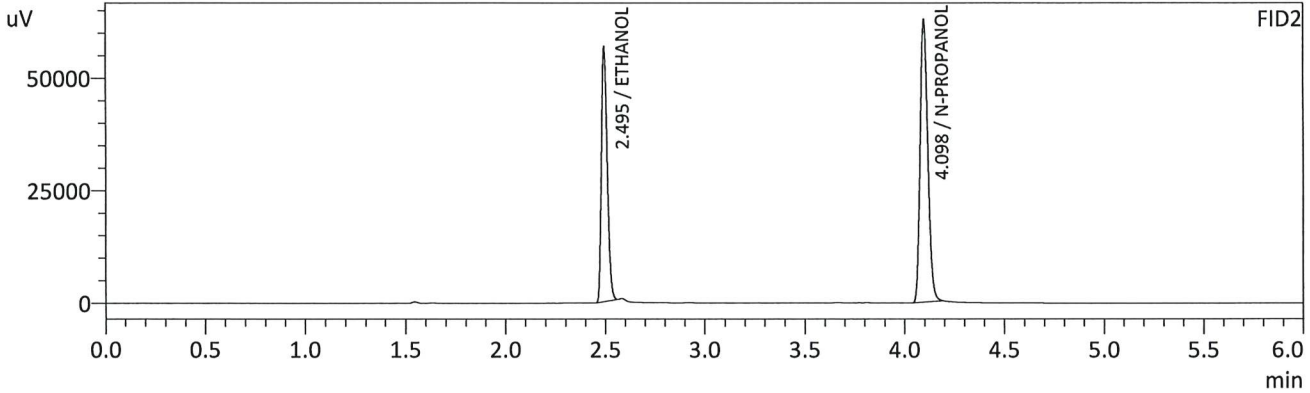
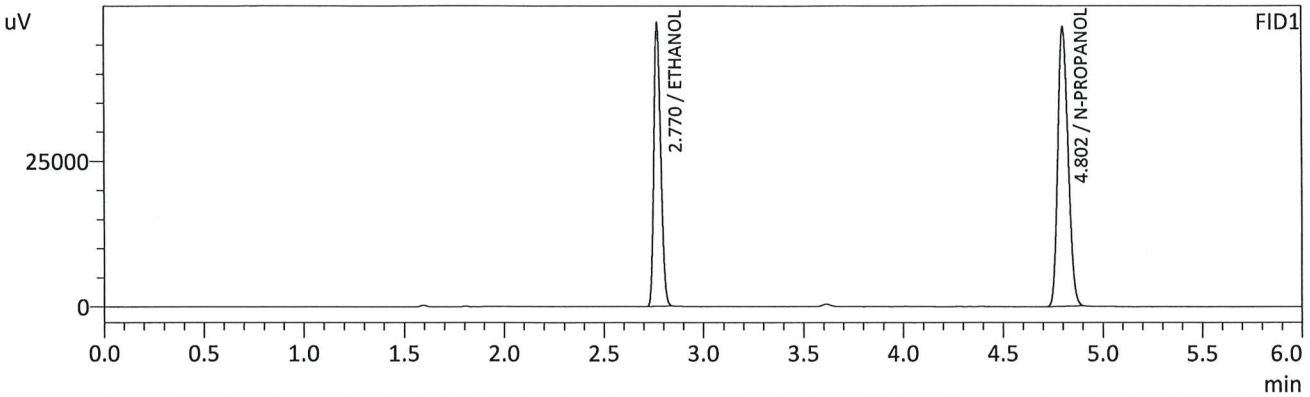
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1985	g/100cc	76936	32040
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169671	47745
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1977	g/100cc	75175	36685
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167671	62128
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_3222024_004.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 3:03:42 PM
 Date Processed : 3/23/2024 8:54:32 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



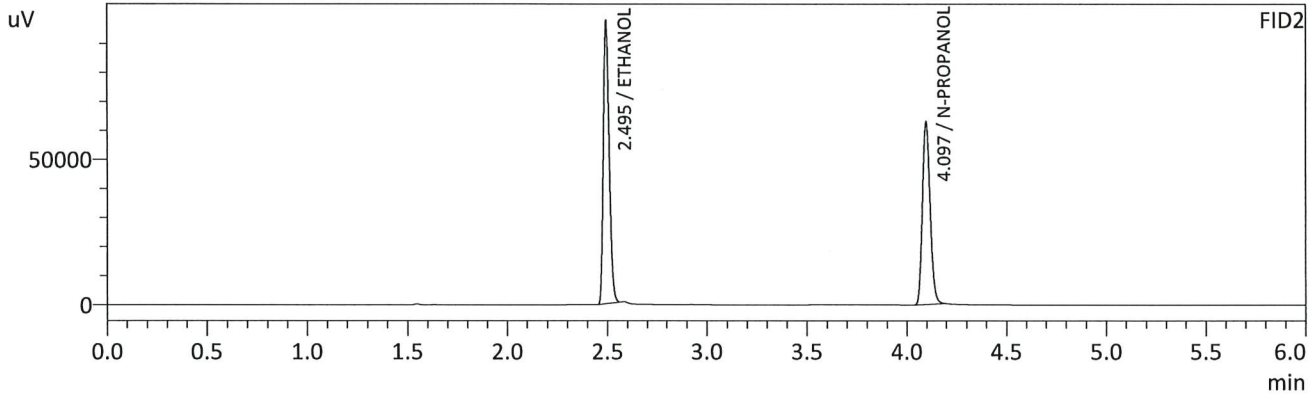
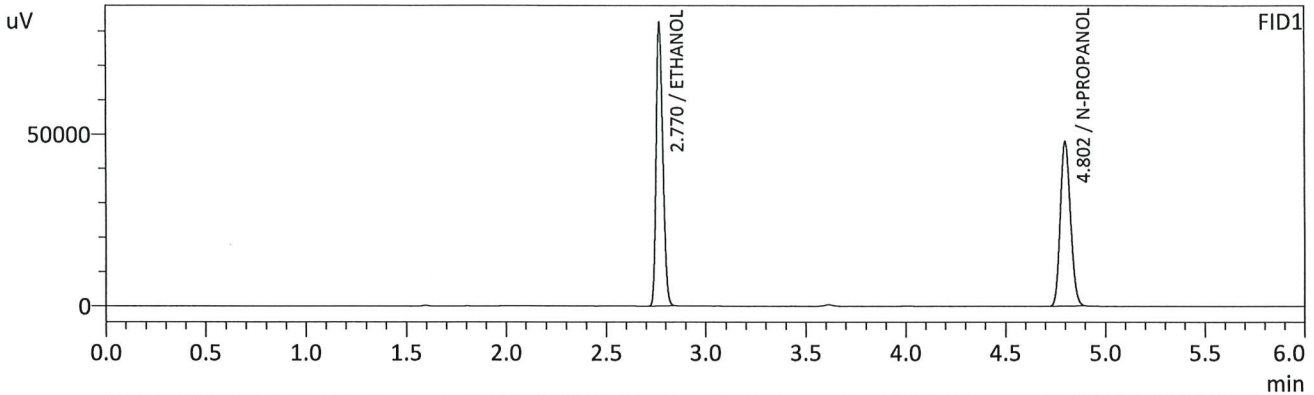
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2977	g/100cc	116505	48671
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170520	47937
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2970	g/100cc	115093	56381
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168738	62225
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_3222024_005.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 3:13:14 PM
 Date Processed : 3/22/2024 3:19:16 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

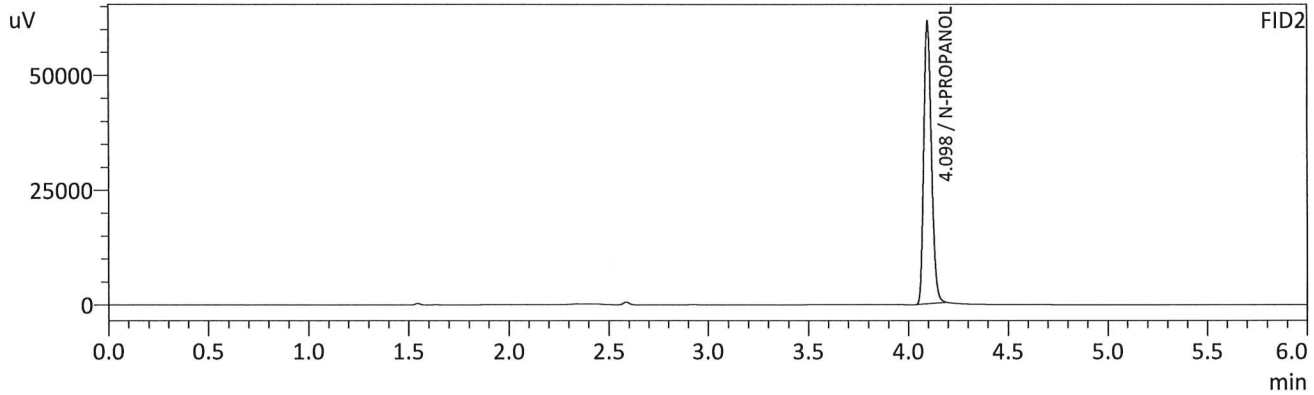
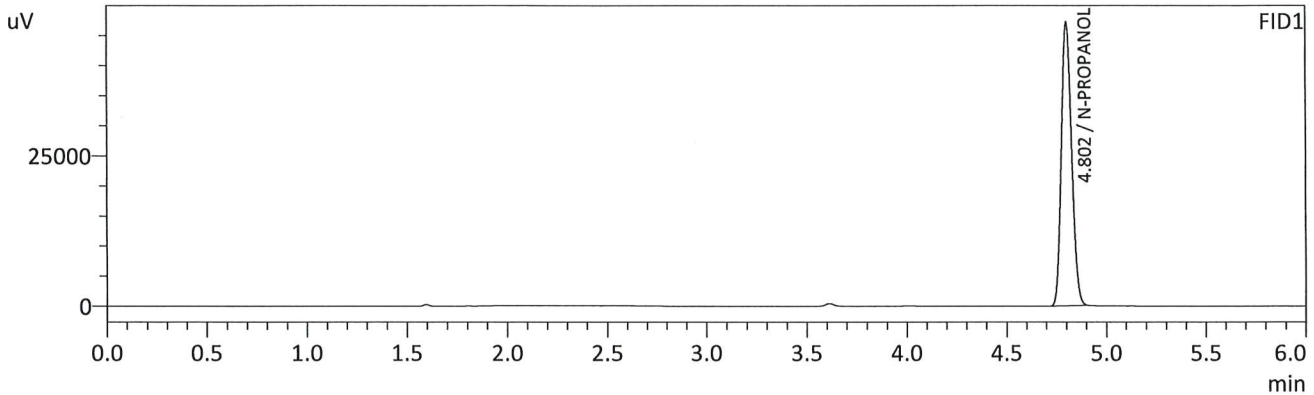
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5016	g/100cc	196904	82418
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170353	47861
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5023	g/100cc	196938	97256
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168920	62444
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_3222024_006.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 3:22:33 PM
 Date Processed : 3/22/2024 3:28:34 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



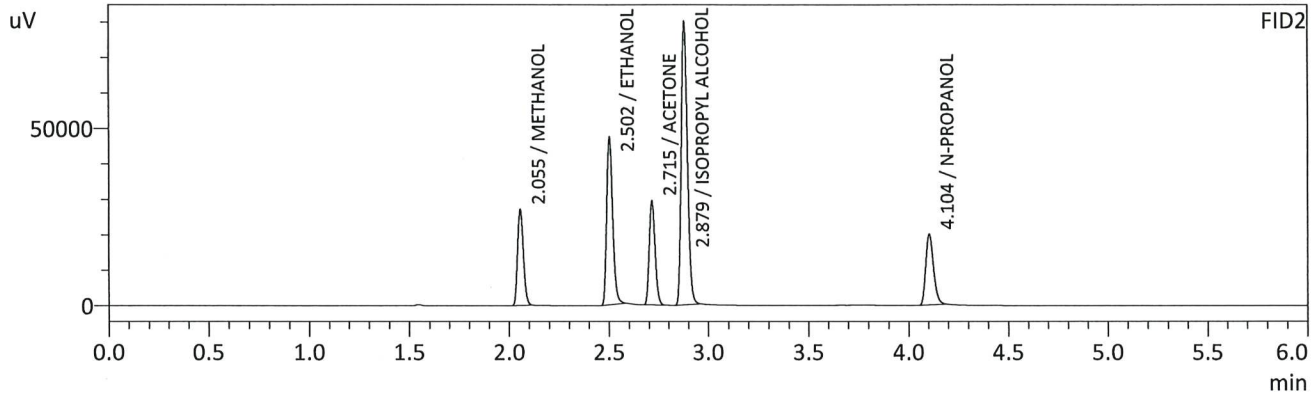
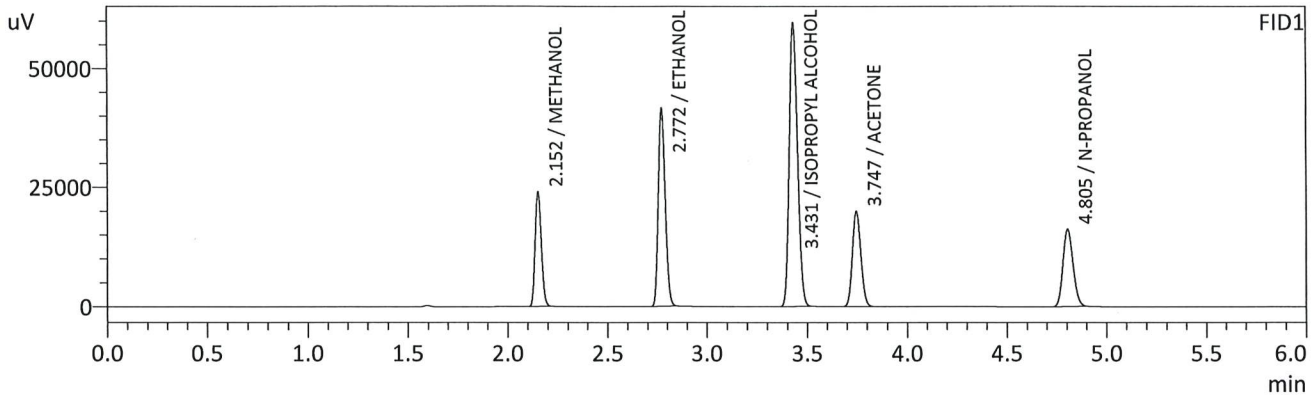
FID1

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	167572	47026
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	165487	61161
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_3222024_007.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 3:32:17 PM
 Date Processed : 3/22/2024 3:38:19 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

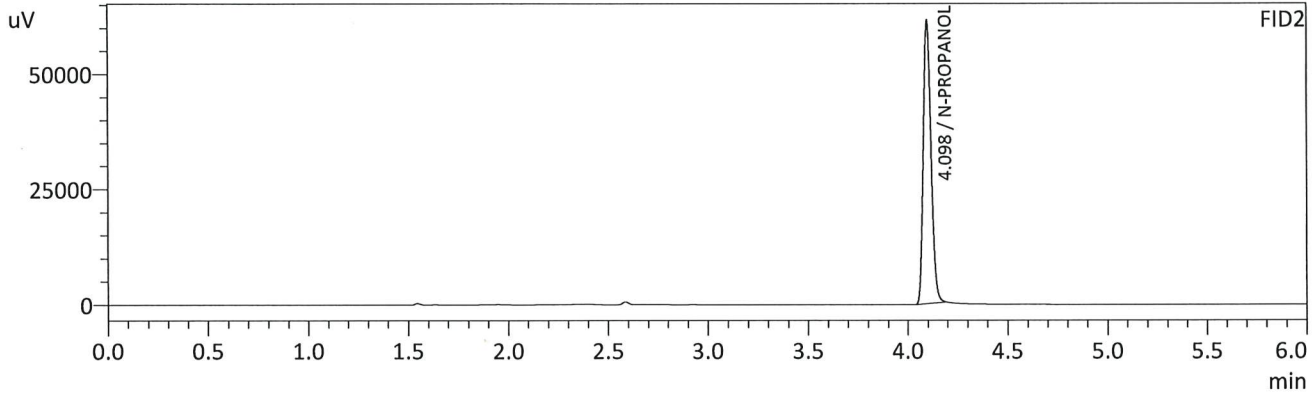
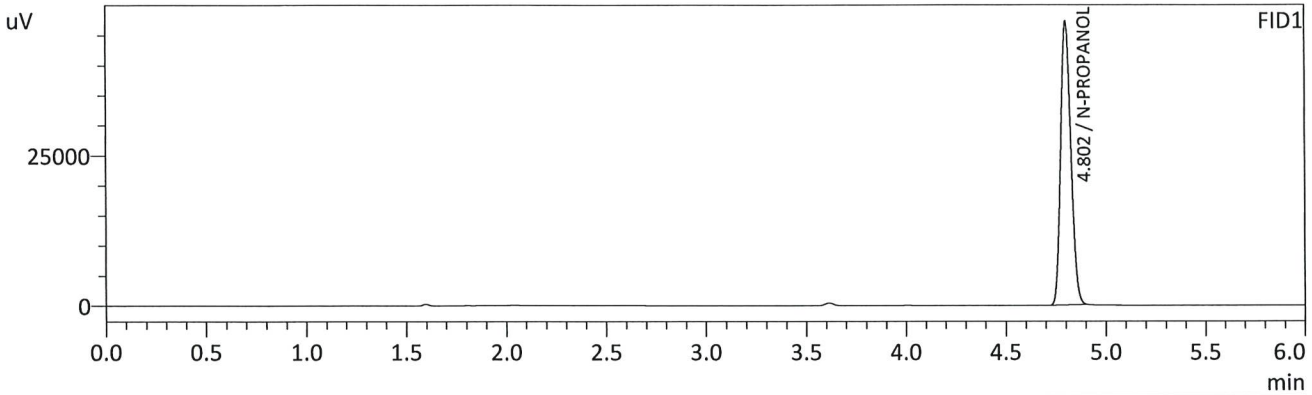
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	52291	23740
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.7561	g/100cc	100289	41230
ISOPROPYL ALCOHOL	0.0000	g/100cc	169981	59225
ACETONE	0.0000	g/100cc	58564	19889
N-PROPANOL	0.0000	g/100cc	57446	16204
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	54200	27065
ETHANOL	0.7744	g/100cc	98486	46883
ACETONE	0.0000	g/100cc	60920	29301
ISOPROPYL ALCOHOL	0.0000	g/100cc	172505	79271
N-PROPANOL	0.0000	g/100cc	54508	19981
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_3222024_008.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 3:41:48 PM
 Date Processed : 3/22/2024 3:47:51 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



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	167233	47089
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	165000	60943
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 3/22/2024 3:51:06 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0825	0.0831	0.0006	0.0828	0.0005	0.0830
(g/100cc)	0.0828	0.0839	0.0011	0.0833		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

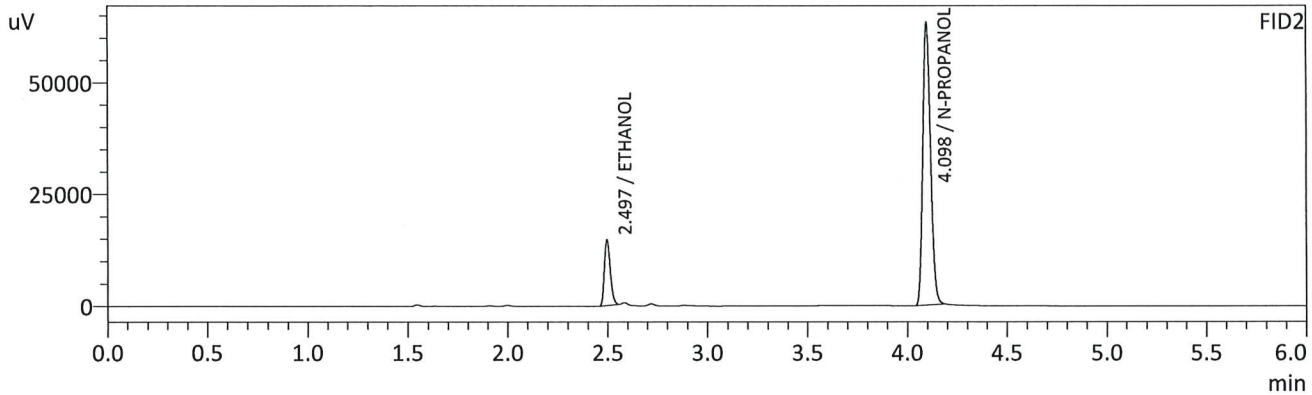
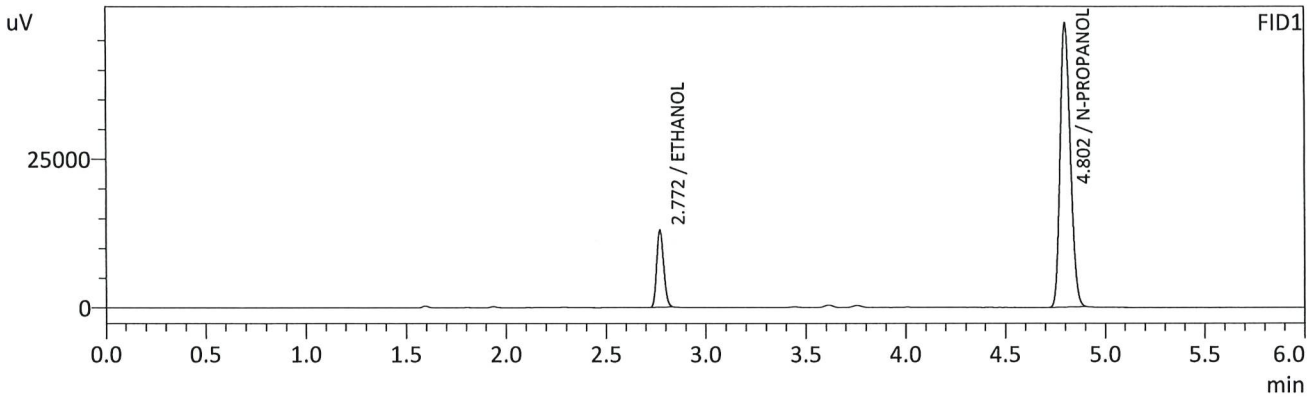
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results	
0.083	

Calibration and control data are stored centrally.

Sample Name : QC1-1
 Vial # : 9
 Data Filename : QC1-1_3222024_009.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 3:51:06 PM
 Date Processed : 3/22/2024 3:57:07 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

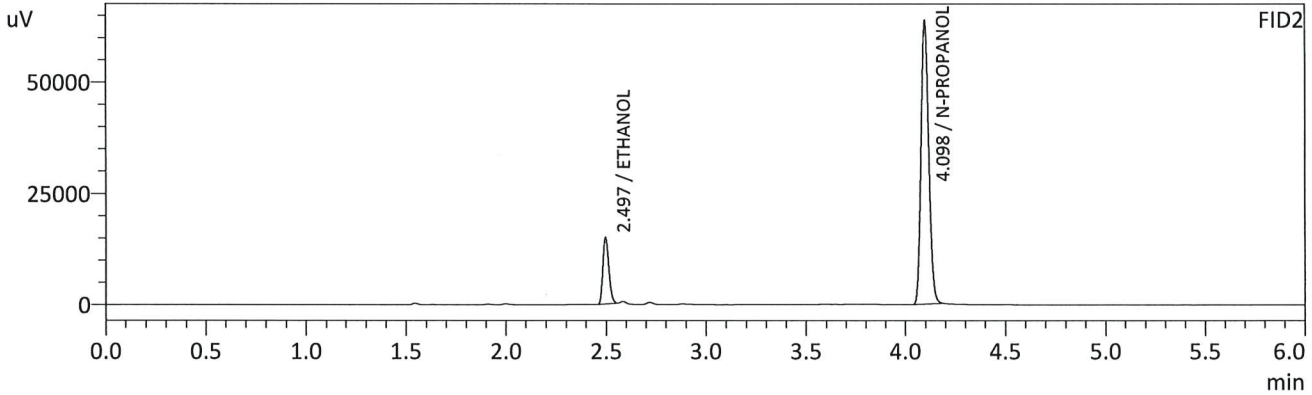
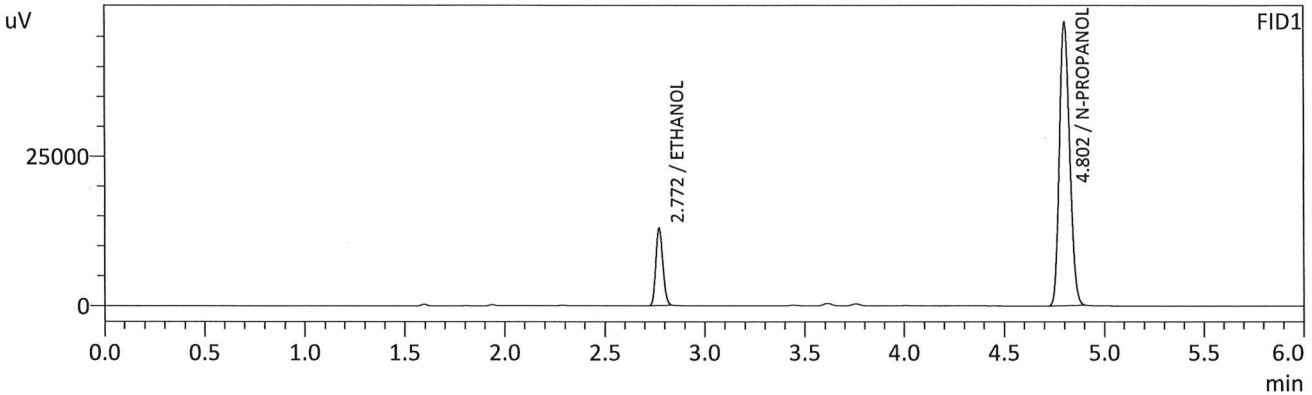
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0825	g/100cc	31353	12906
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169944	47745
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0831	g/100cc	30203	14455
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169460	62746
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature

Sample Name : QC1-1-B
 Vial # : 10
 Data Filename : QC1-1-B_3222024_010.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 4:00:51 PM
 Date Processed : 3/22/2024 4:06:53 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0828	g/100cc	31258	12850
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168732	47245
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0839	g/100cc	30658	14728
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170229	63168
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 3/22/2024 4:10:22 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0827	0.0018	0.0818	0.0002	0.0819
(g/100cc)	0.0811	0.0829	0.0018	0.0820		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

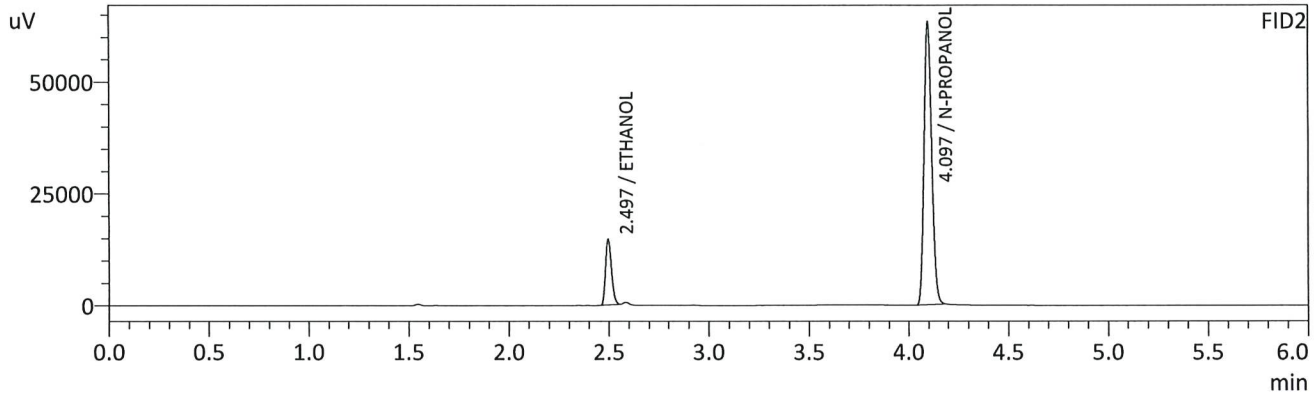
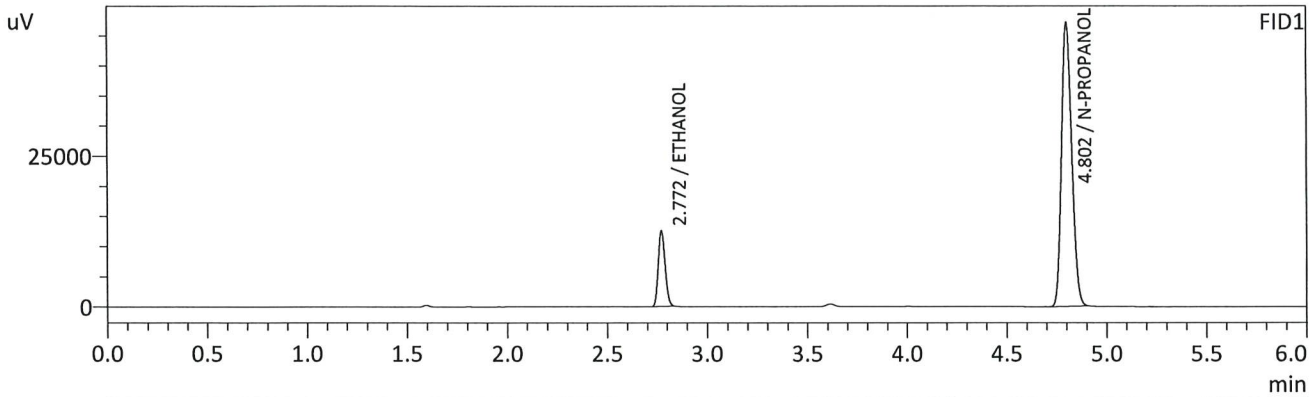
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

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 # : 11
 Data Filename : 0.08 QA_3222024_011.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 4:10:22 PM
 Date Processed : 3/22/2024 4:16:24 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



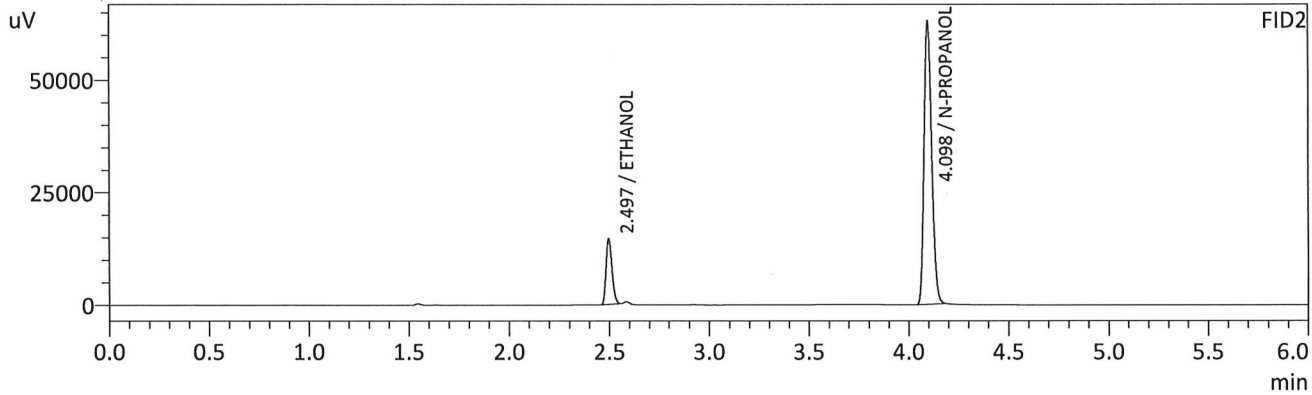
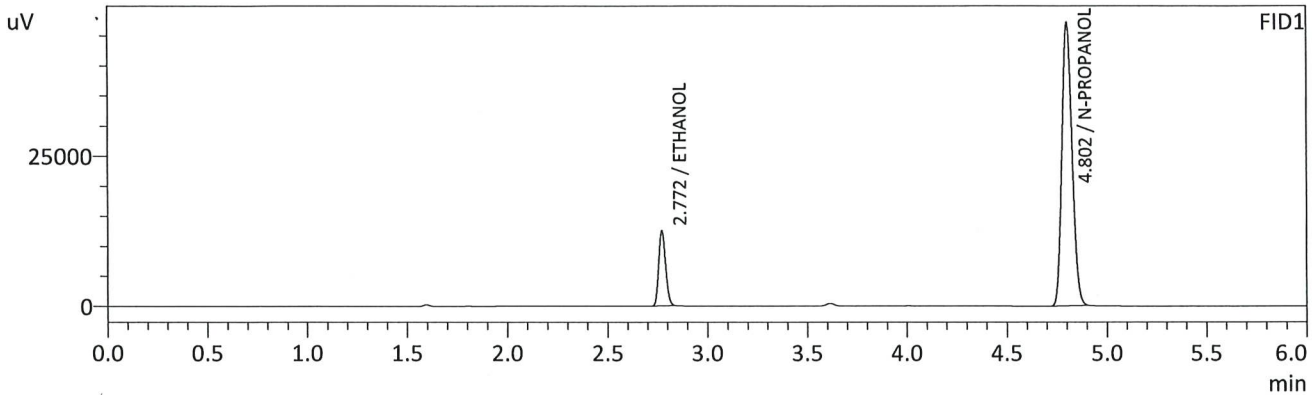
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0809	g/100cc	30254	12441
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167426	47009
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0827	g/100cc	30028	14462
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169415	62948
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_3222024_012.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 4:19:40 PM
 Date Processed : 3/22/2024 4:25:42 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	30323	12437
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167234	47009
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0829	g/100cc	30044	14484
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169103	62484
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 3/22/2024 7:20:48 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2072	0.2065	0.0007	0.2068	0.0016	0.2076
(g/100cc)	0.2087	0.2081	0.0006	0.2084		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

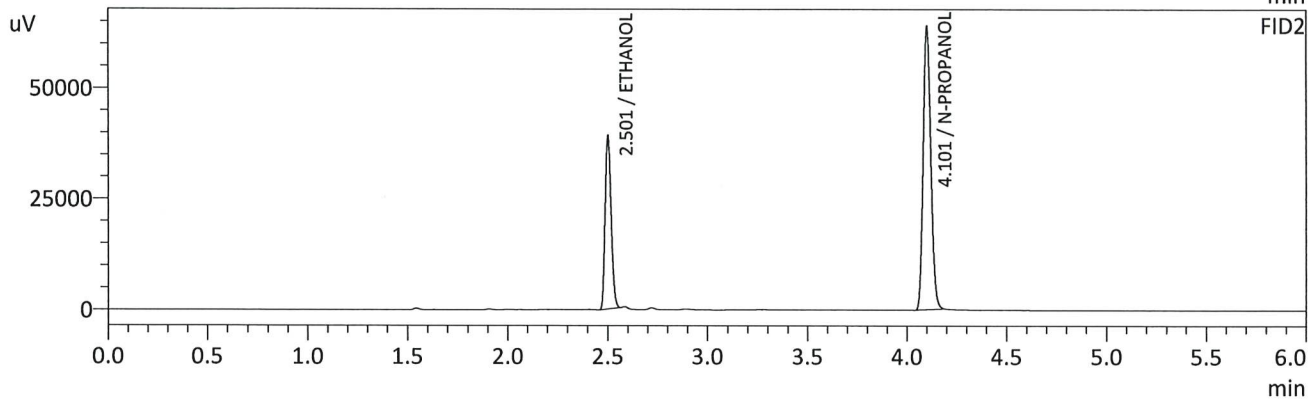
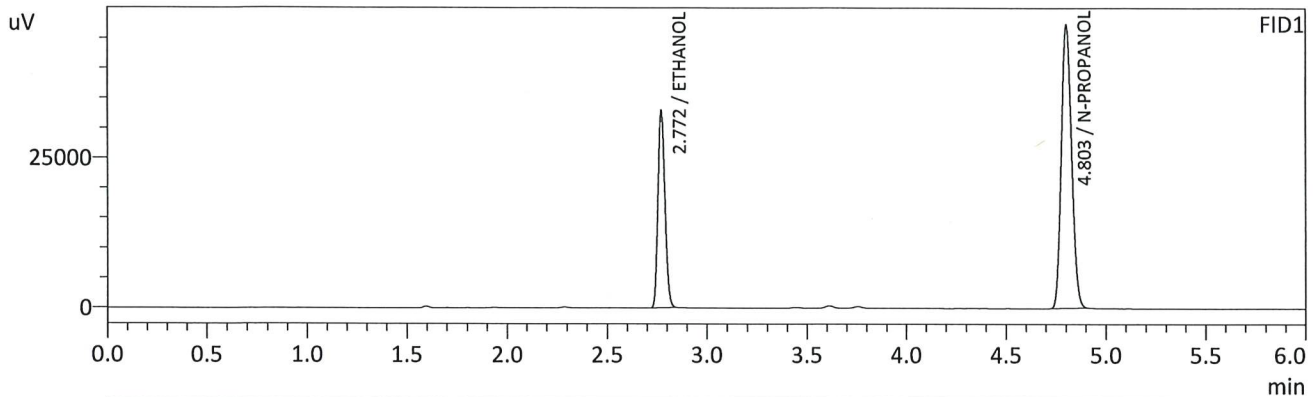
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.207	0.196	0.218	0.011

	Reported Results
	0.207

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 31
 Data Filename : QC2-1_3222024_031.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 7:20:48 PM
 Date Processed : 3/22/2024 7:26:49 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



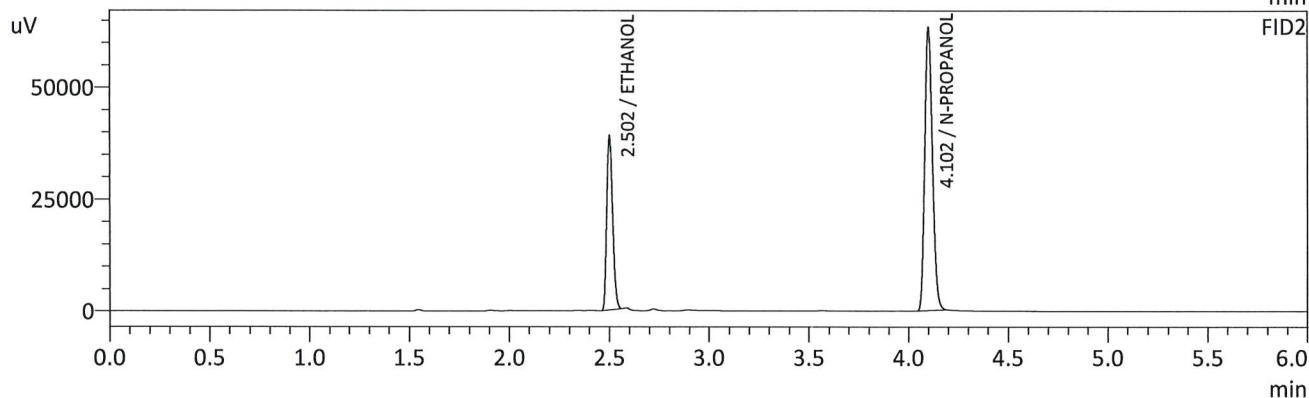
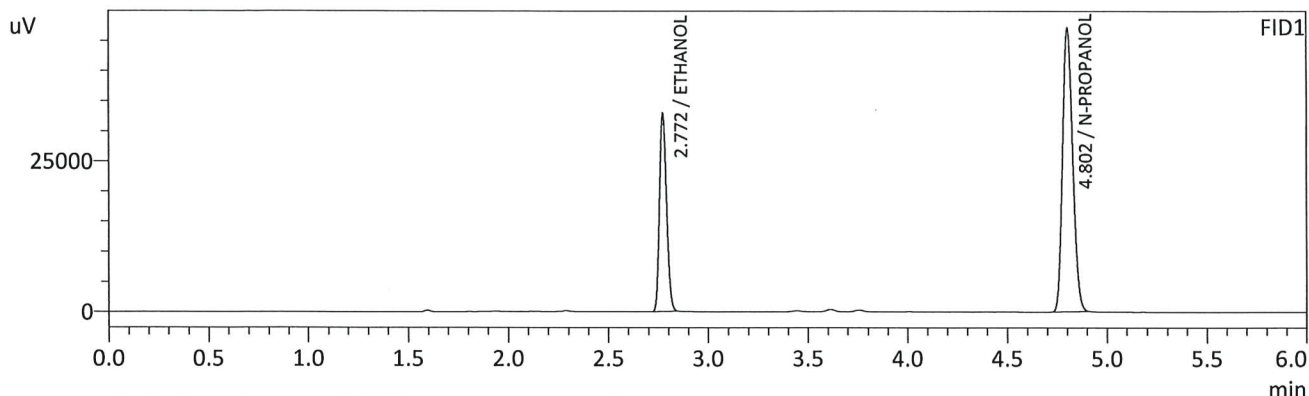
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2072	g/100cc	79644	32642
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168188	47134
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2065	g/100cc	80084	38662
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170747	63712
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : QC2-1-B
 Vial # : 32
 Data Filename : QC2-1-B_3222024_032.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 7:30:21 PM
 Date Processed : 3/22/2024 7:36:21 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2087	g/100cc	79640	32601
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166921	46895
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2081	g/100cc	80101	38466
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169449	63090
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 3/22/2024 10:50:14 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0893	0.0901	0.0008	0.0897	0.0000	0.0897
(g/100cc)	0.0894	0.0900	0.0006	0.0897		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

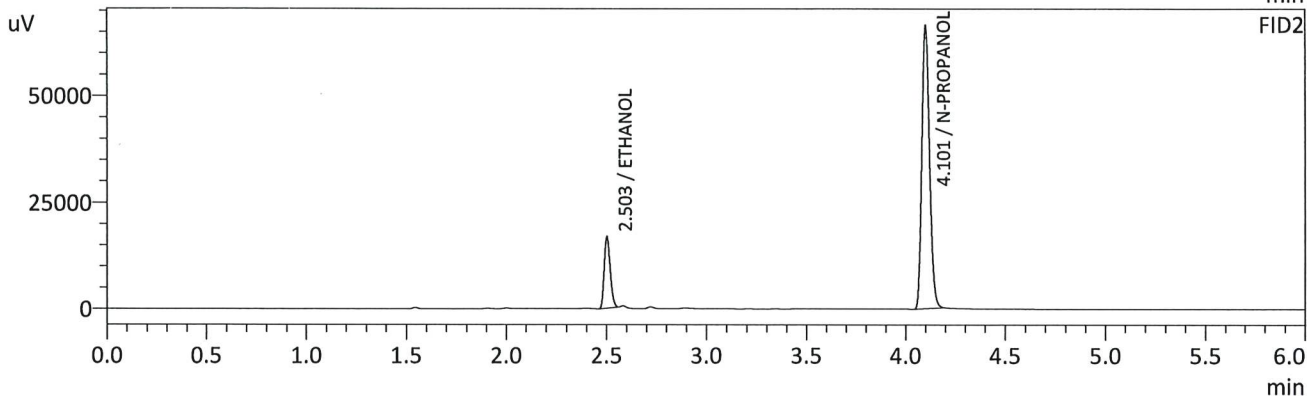
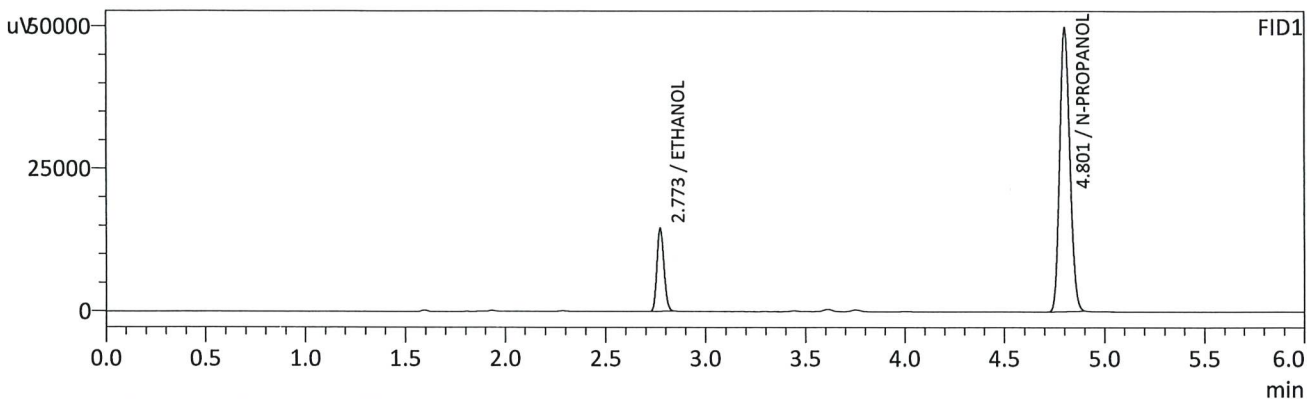
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.089	0.084	0.094	0.005

	Reported Results
	0.089

Calibration and control data are stored centrally.

Sample Name : QC1-2
 Vial # : 53
 Data Filename : QC1-2_3222024_053.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 10:50:14 PM
 Date Processed : 3/22/2024 10:56:15 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



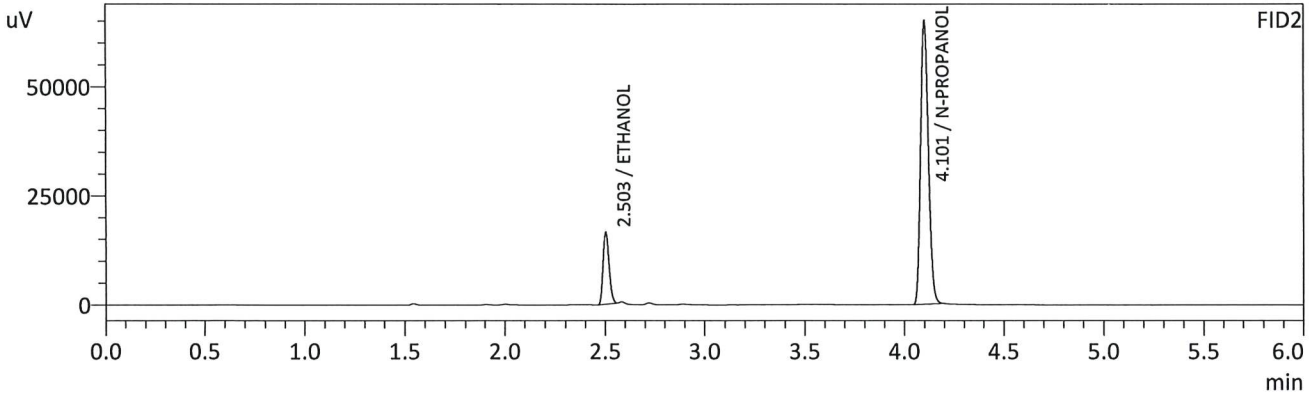
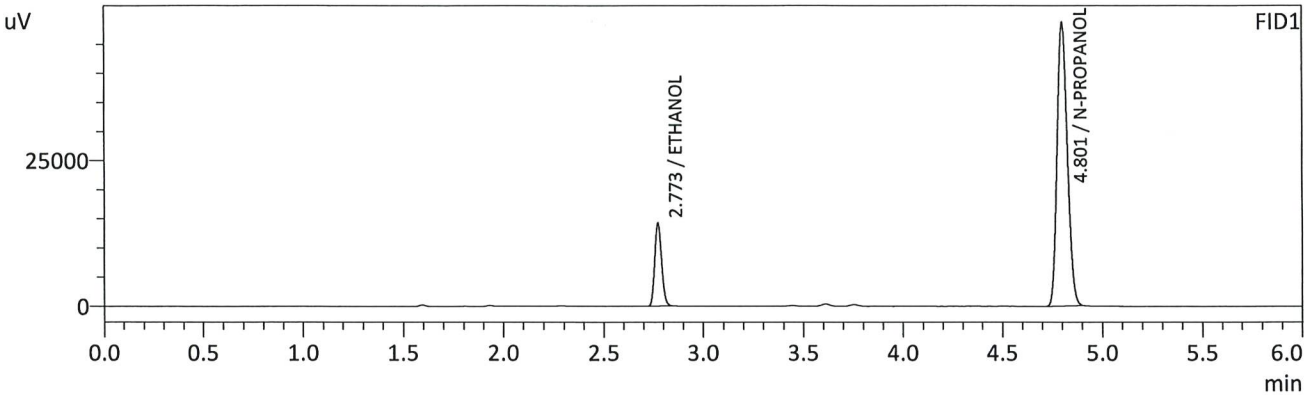
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0893	g/100cc	35340	14415
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176397	49710
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0901	g/100cc	34638	16754
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177930	66305
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : QC1-2-B
 Vial # : 54
 Data Filename : QC1-2-B_3222024_054.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 10:59:32 PM
 Date Processed : 3/22/2024 11:05:33 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

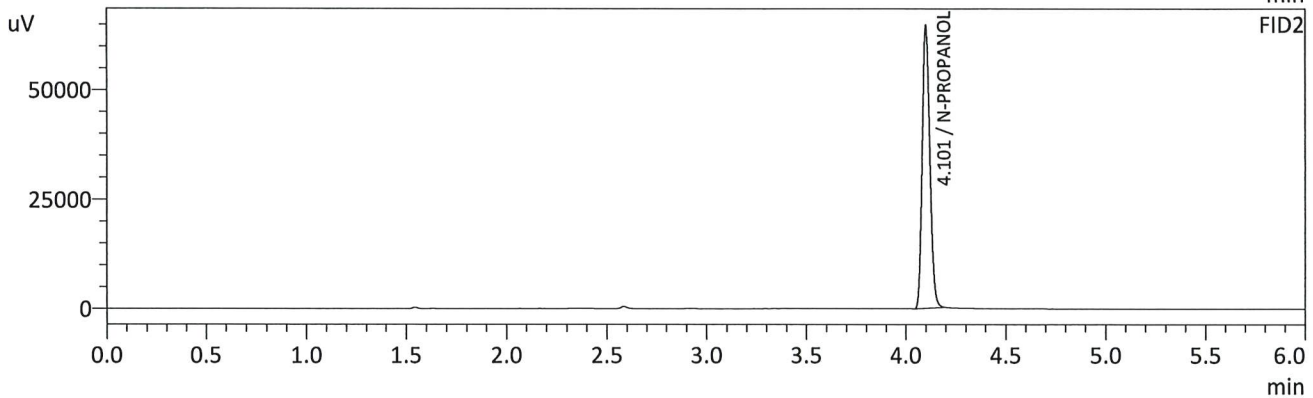
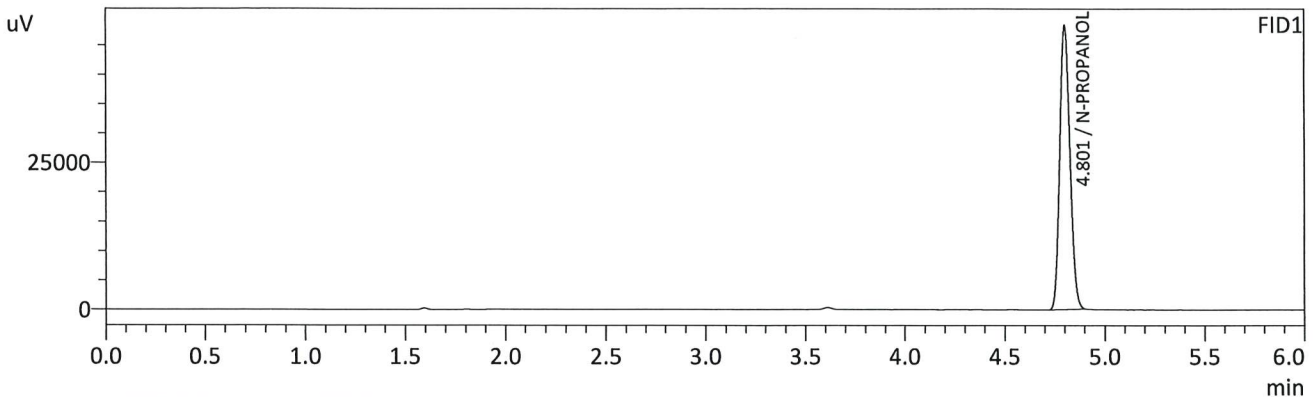
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0894	g/100cc	34612	14093
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172602	48609
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0900	g/100cc	33852	16396
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174020	64823
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : INT STD BLK 3
 Vial # : 55
 Data Filename : INT STD BLK 3_3222024_055.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 11:09:22 PM
 Date Processed : 3/22/2024 11:15:24 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



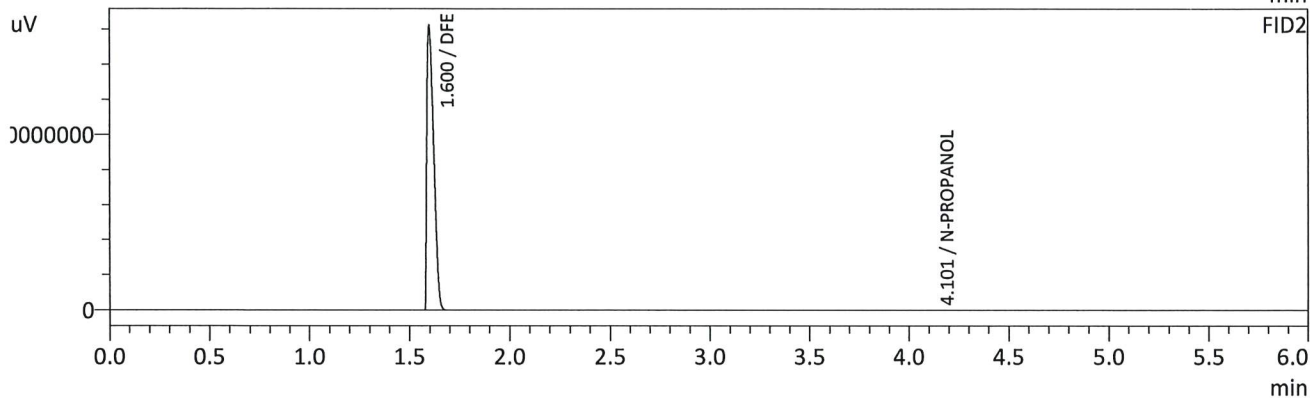
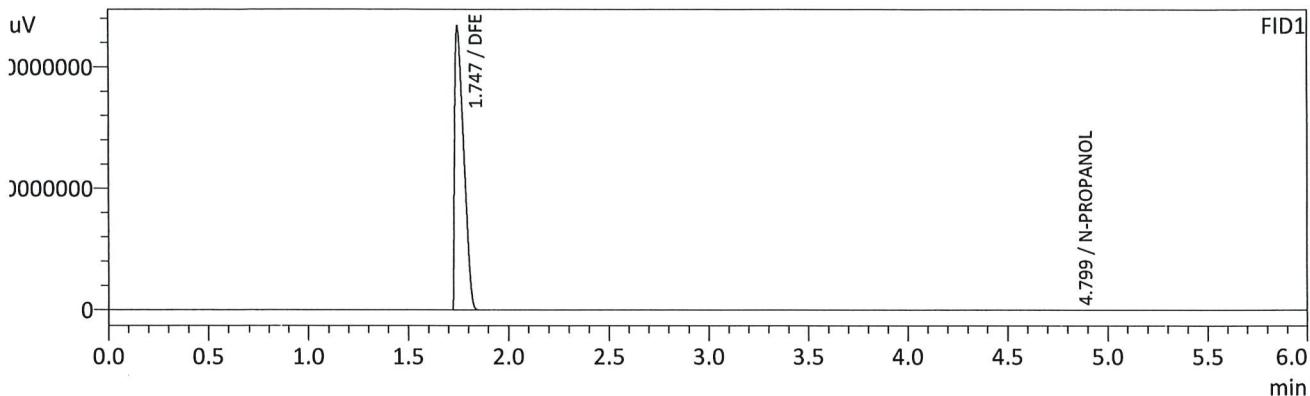
FID1

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	170968	48270
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	172532	64485
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : DFE OMO4736
 Vial # : 56
 Data Filename : DFE OMO4736_3222024_056.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032224_RC.gcb
 Date Acquired : 3/22/2024 11:18:47 PM
 Date Processed : 3/22/2024 11:24:48 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



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	276909	77123
DFE	0.0000	g/100cc	368073042	116661129
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	279628	102306
DFE	0.0000	g/100cc	382979001	162014641
TFE	--	g/100cc	--	--

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_032224_RC.gcm		1
2	0.100	1:Standard:(R)	ALCOHOL_032224_RC.gcm		2
3	0.200	1:Standard:(R)	ALCOHOL_032224_RC.gcm		3
4	0.300	1:Standard:(R)	ALCOHOL_032224_RC.gcm		4
5	0.500	1:Standard:(R)	ALCOHOL_032224_RC.gcm		5
6	INT STD BLK 1	0:Unknown	ALCOHOL_032224_RC.gcm		0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_032224_RC.gcm		1
8	INT STD BLK 2	0:Unknown	ALCOHOL_032224_RC.gcm		0
9	QC1-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
10	QC1-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
11	0.08 QA	0:Unknown	ALCOHOL_032224_RC.gcm		0
12	0.08 QA - B	0:Unknown	ALCOHOL_032224_RC.gcm		0
13	P2024-0706-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
14	P2024-0706-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
15	P2024-0707-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
16	P2024-0707-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
17	P2024-0729-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
18	P2024-0729-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
19	P2024-0736-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
20	P2024-0736-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
21	P2024-0746-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
22	P2024-0746-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
23	P2024-0752-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
24	P2024-0752-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
25	P2024-0761-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
26	P2024-0761-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
27	P2024-0762-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
28	P2024-0762-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
29	P2024-0763-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
30	P2024-0763-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
31	QC2-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
32	QC2-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
33	P2024-0764-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
34	P2024-0764-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
35	P2024-0782-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
36	P2024-0782-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
37	P2024-0786-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
38	P2024-0786-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
39	P2024-0787-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
40	P2024-0787-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
41	P2024-0788-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
42	P2024-0788-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
43	P2024-0789-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
44	P2024-0789-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
45	P2024-0790-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
46	P2024-0790-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
47	P2024-0791-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
48	P2024-0791-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
49	P2024-0809-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
50	P2024-0809-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
51	P2024-0813-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
52	P2024-0813-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
53	QC1-2	0:Unknown	ALCOHOL_032224_RC.gcm		0
54	QC1-2-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
55	INT STD BLK 3	0:Unknown	ALCOHOL_032224_RC.gcm		0
56	DFE OMO4736	0:Unknown	ALCOHOL_032224_RC.gcm		0