









Worklist: 6744

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
P2024-0815	1	BCK	Alcohol Analysis	
P2024-0816	1	BCK	Alcohol Analysis	
P2024-0817	1	BCK	Alcohol Analysis	
P2024-0818	1	BCK	Alcohol Analysis	
P2024-0819	1	BCK	Alcohol Analysis	
P2024-0820	1	BCK	Alcohol Analysis	
P2024-0821	1	BCK	Alcohol Analysis	
P2024-0852	1	BCK	Alcohol Analysis	
P2024-0869	1	BCK	Alcohol Analysis	
P2024-0870	1	BCK	Alcohol Analysis	
P2024-0871	1	BCK	Alcohol Analysis	
P2024-0874	1	BCK	Alcohol Analysis	
P2024-0875	1	BCK	Alcohol Analysis	
P2024-0894	1	BCK	Alcohol Analysis	
P2024-0900	1	BCK	Alcohol Analysis	
P2024-0903	1	BCK	Alcohol Analysis	

P2024-0729 from Worklist 6740 ran with this batch.

P2024-0869 will be reanalyzed later. Sample B didn't inject correctly.

RC

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): 3/26/24

Calibration Date: (if different): 3/22/24

Worklist #: 6744

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0831 g/100cc
					0.0877 g/100cc
					0.2058 g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	g/100cc g/100cc
Multi-Component mixture:		Exp:	2024 October	Lot #	FN06041902 OK
Curve Fit:		Column 1	Column 1	Column 2	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

Revision: 5

Issue Date: 07/05/2022

Internal Standard Monitoring Worksheet

Worksheet #:

6744

Run Date(s):

3/26/24

Internal Standard Solution:

Prep Date:

3/22/2024

Exp Date:

9/22/2024

Sample Name	Column 1 Value	Column 2 Value
0.080	165357	162963
0.080	164667	162265
QC1	166045	163749
QC1	166077	163718
QC1	169386	168266
QC1	158621	156798
QC1		
QC1		
QC2	162986	160598
QC2	165889	163447
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	164878.5	131902.8	197854.2
Column 2	162725.5	130180.4	195270.6

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Calibration Table

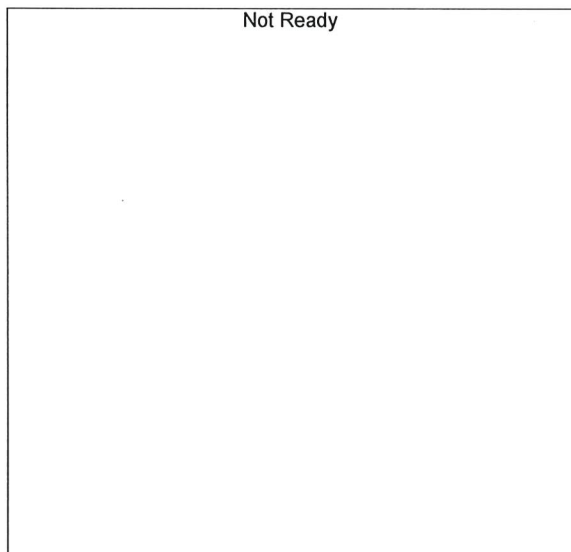
Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

<<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



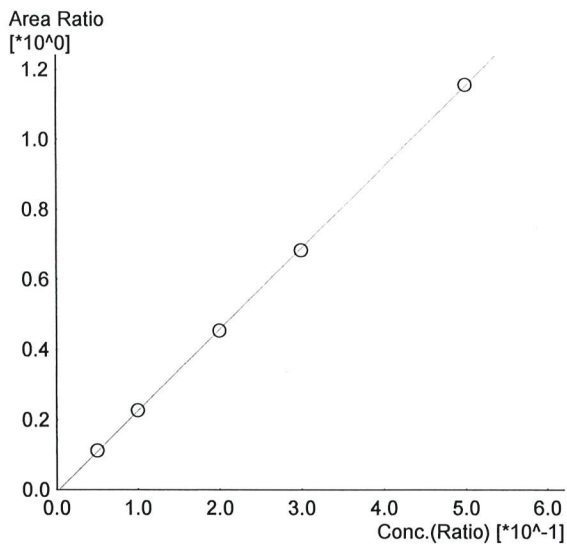
Name : METHANOL
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

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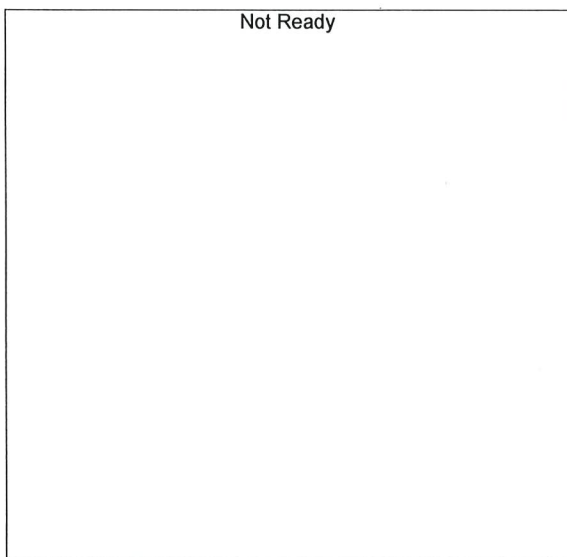
Name : ACETALDEHYDE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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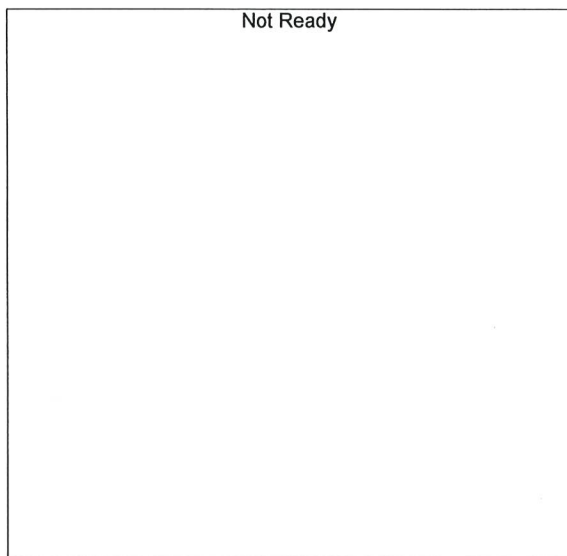
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.31769*x-0.00681066$
 R² value= 0.9999056 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	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 : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETONE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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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

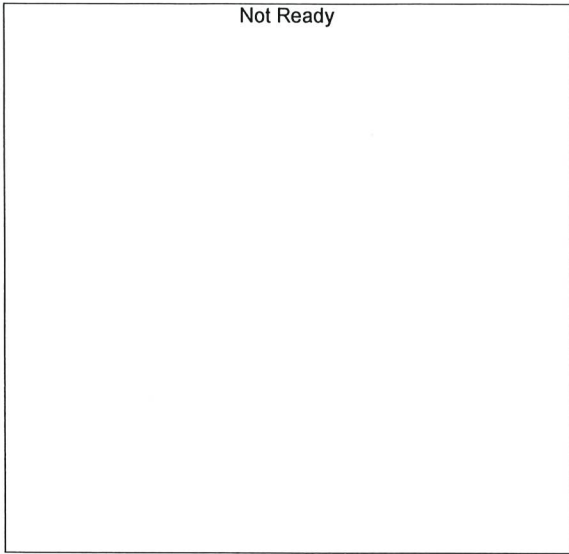
Name : TFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Not Ready

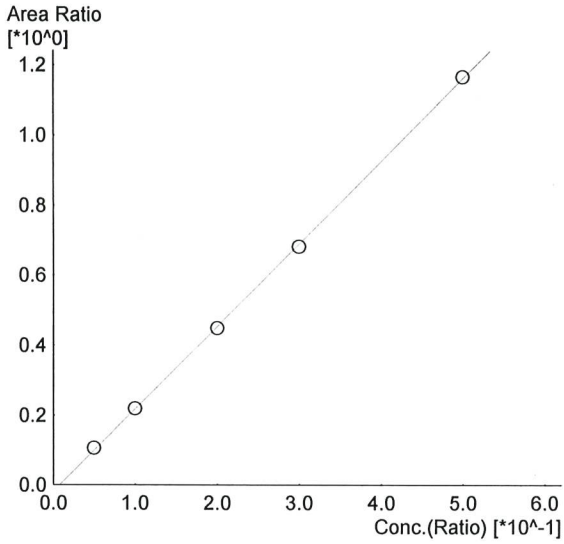
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 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 : $f(x)=2.35592*x-0.0176461$
 R^2 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 : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

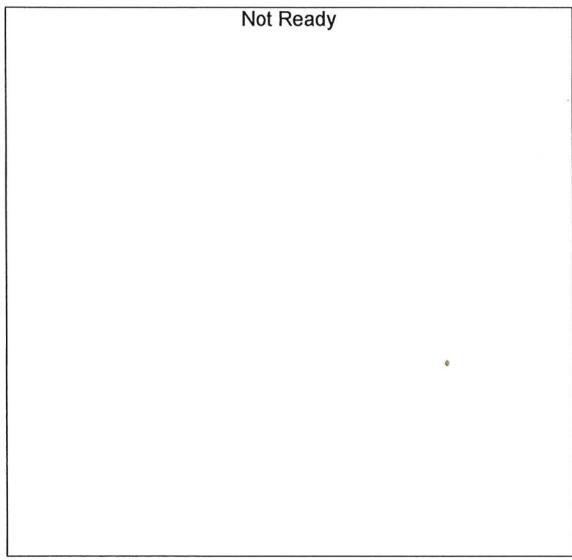
#	Conc.	Area	Std. Conc.	Data File Name
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JRC



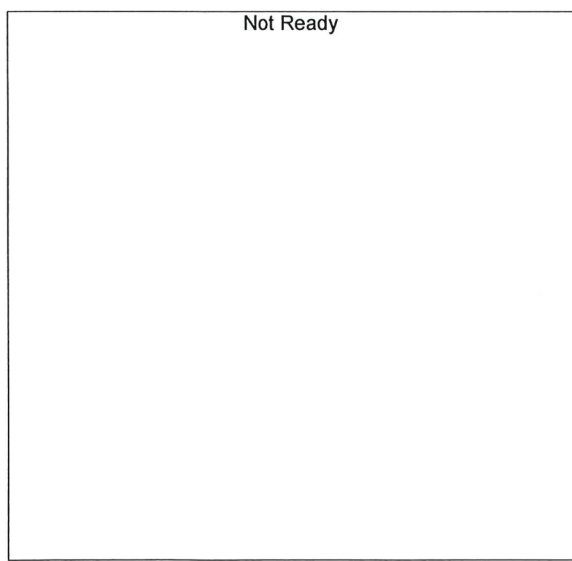
Name : ISOPROPYL ALCOHOL
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : DFE
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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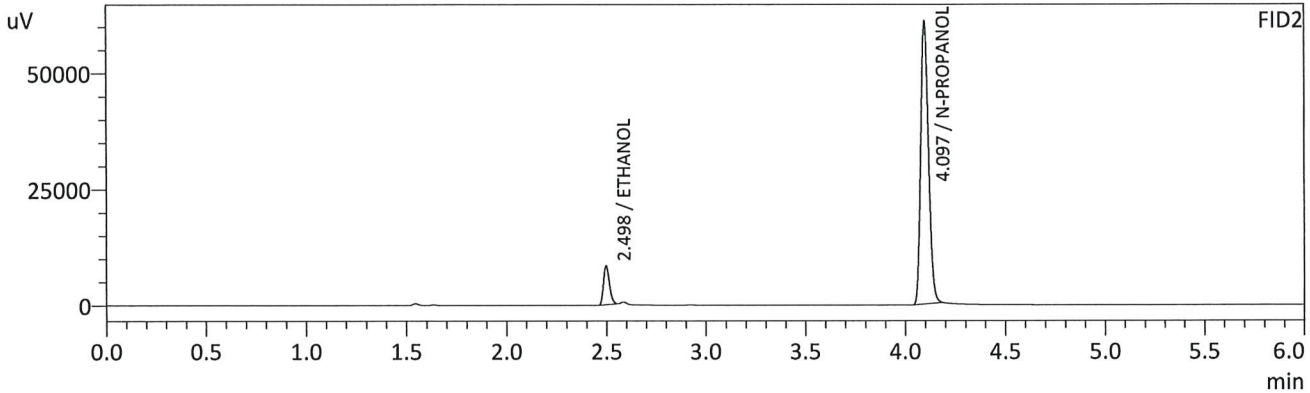
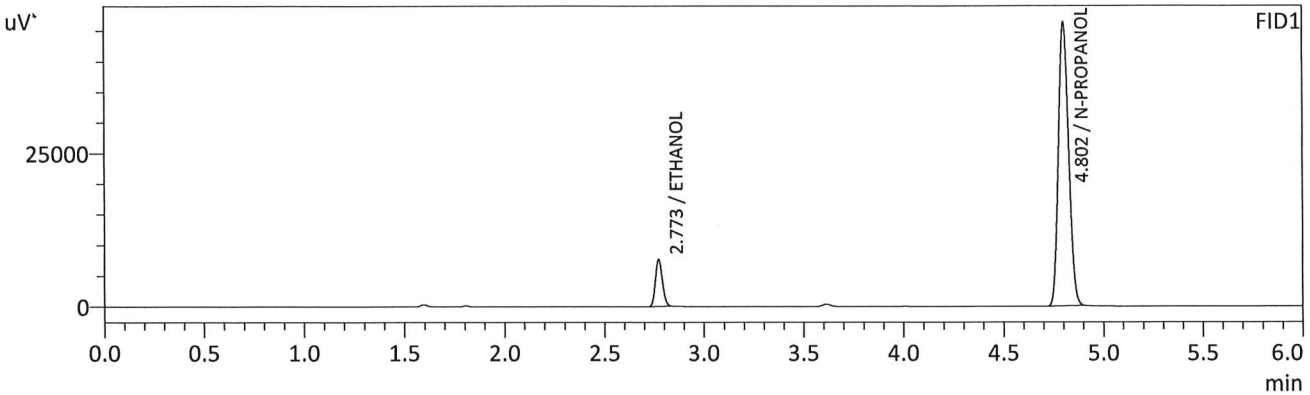


Name : TFE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

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

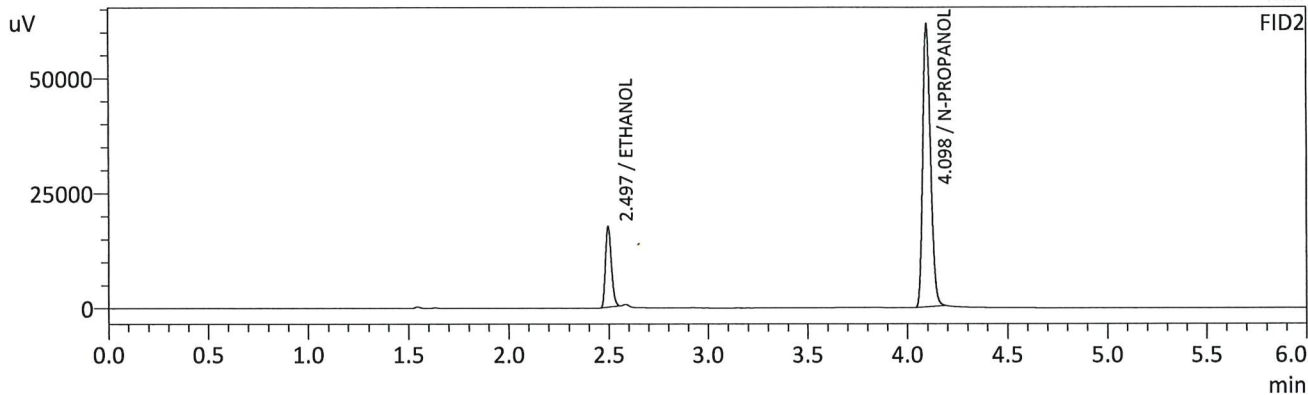
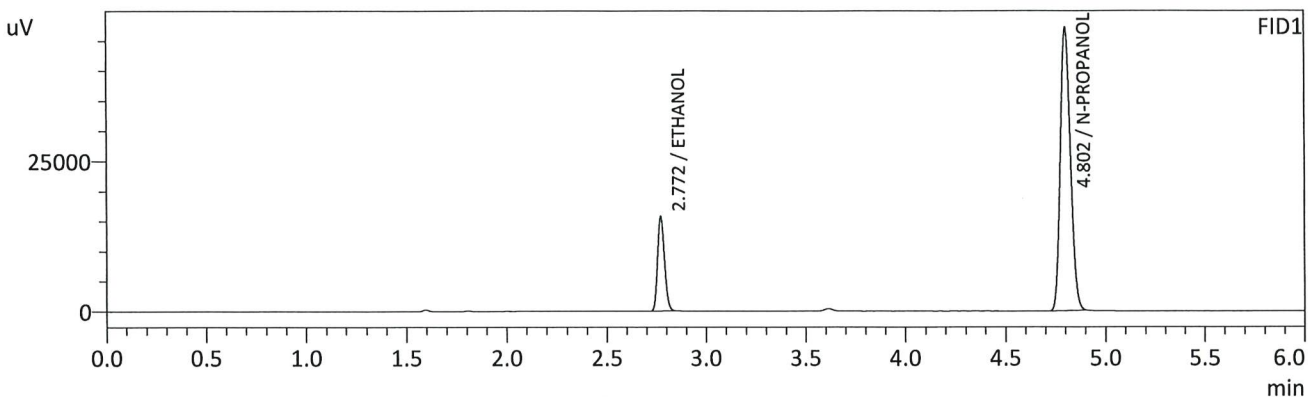
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0512	g/100cc	18452	7581
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164691	46175
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	--	--

RC

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

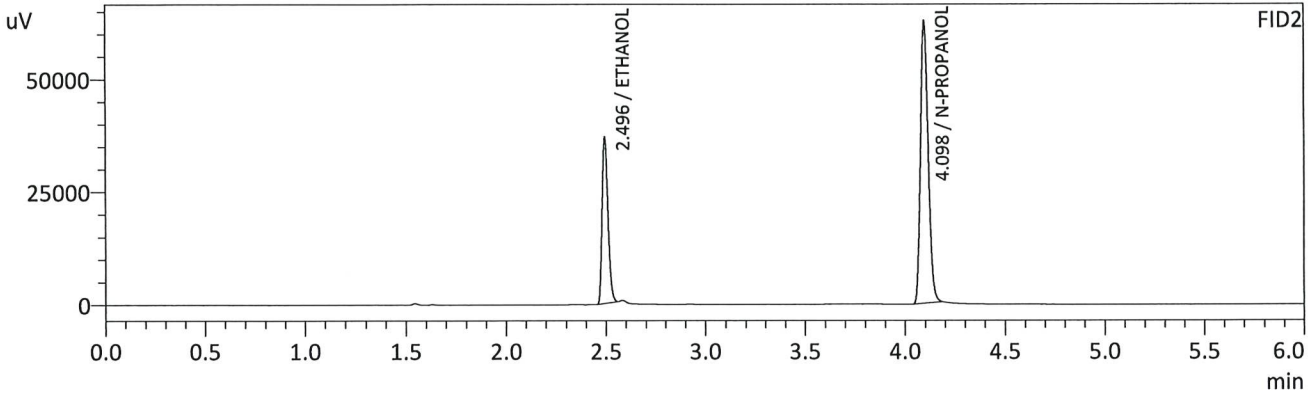
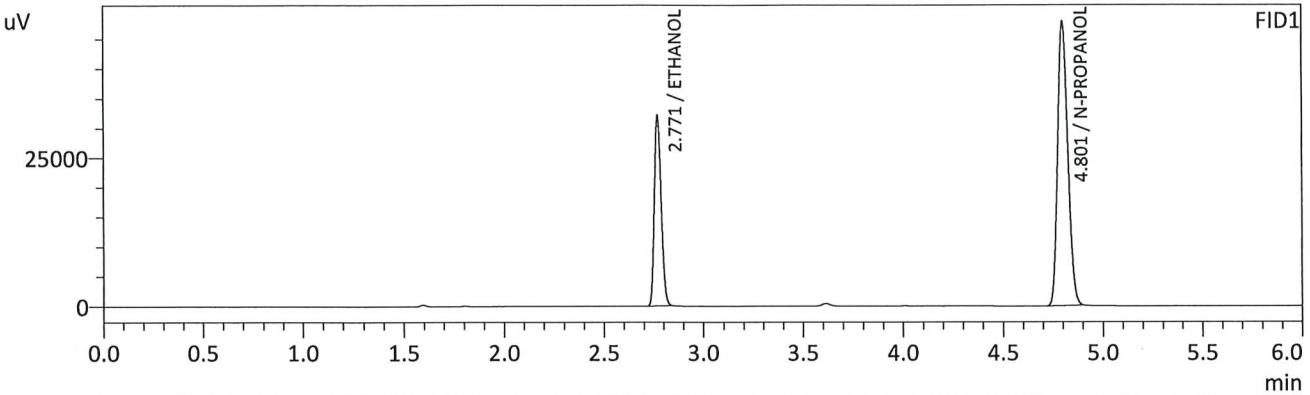
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1007	g/100cc	37920	15632
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167258	47004
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	--	--

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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



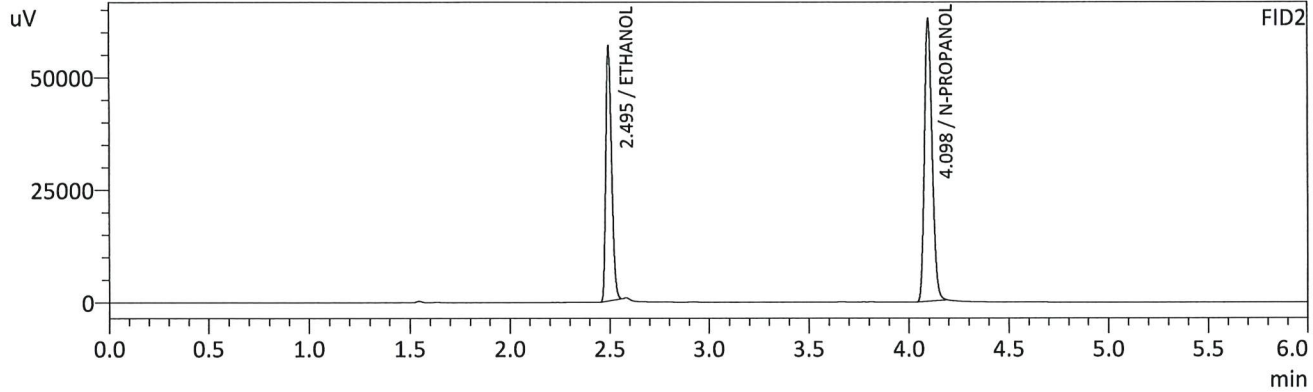
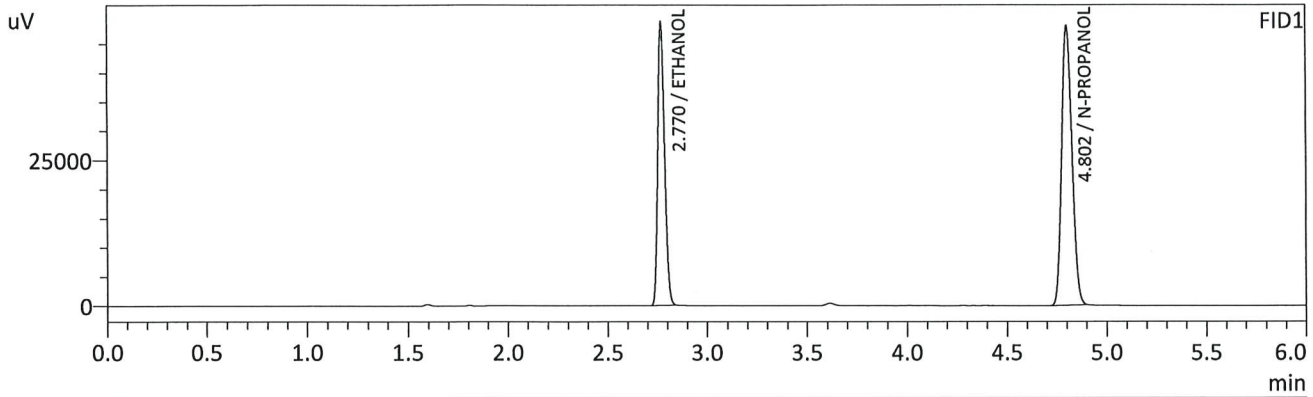
FID1

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



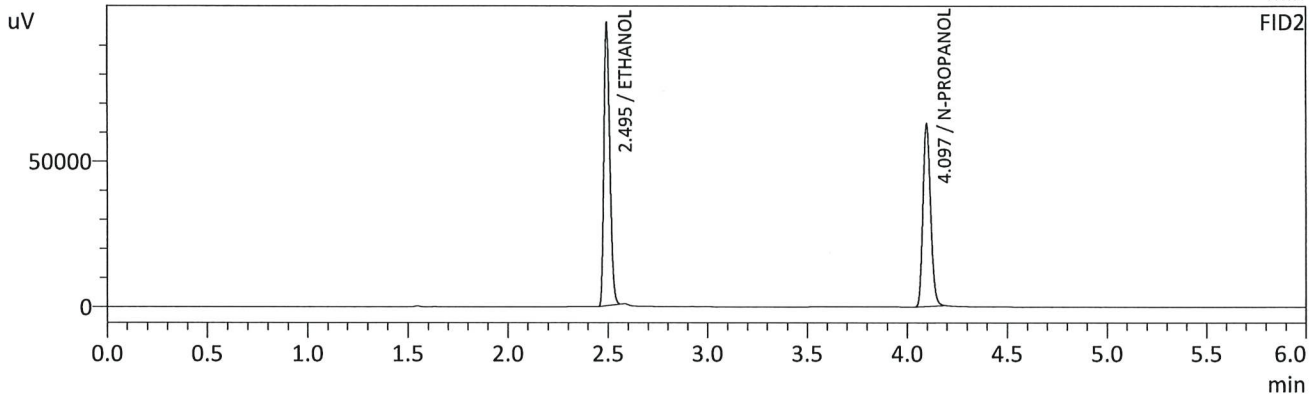
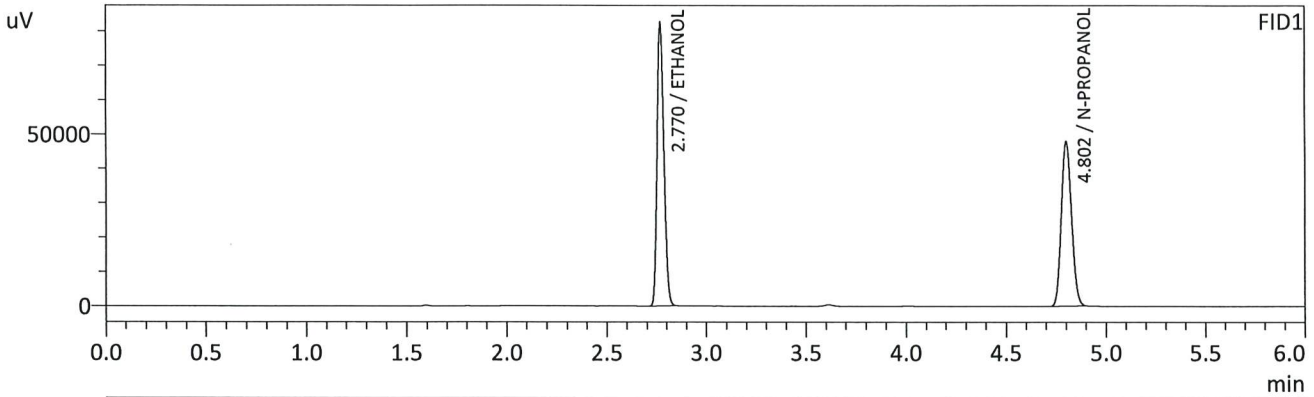
FID1

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



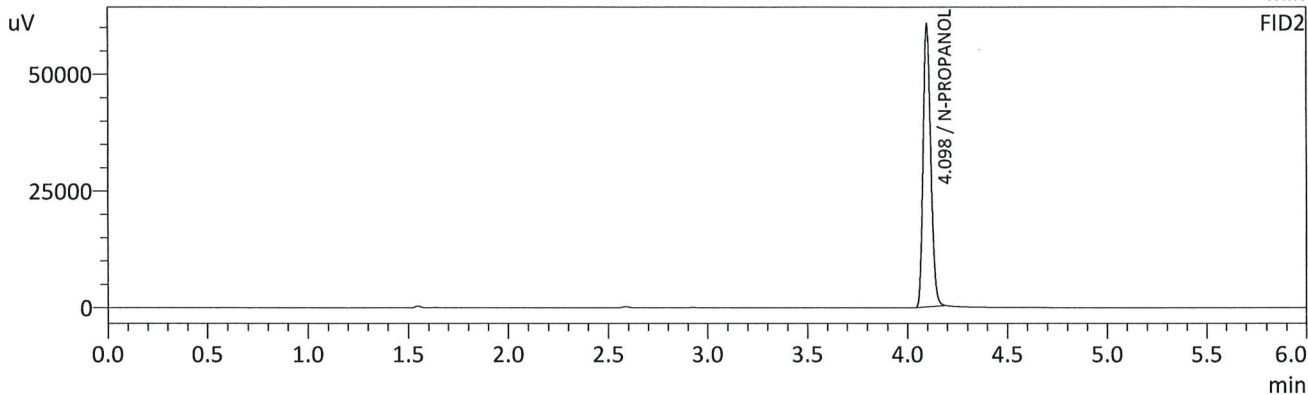
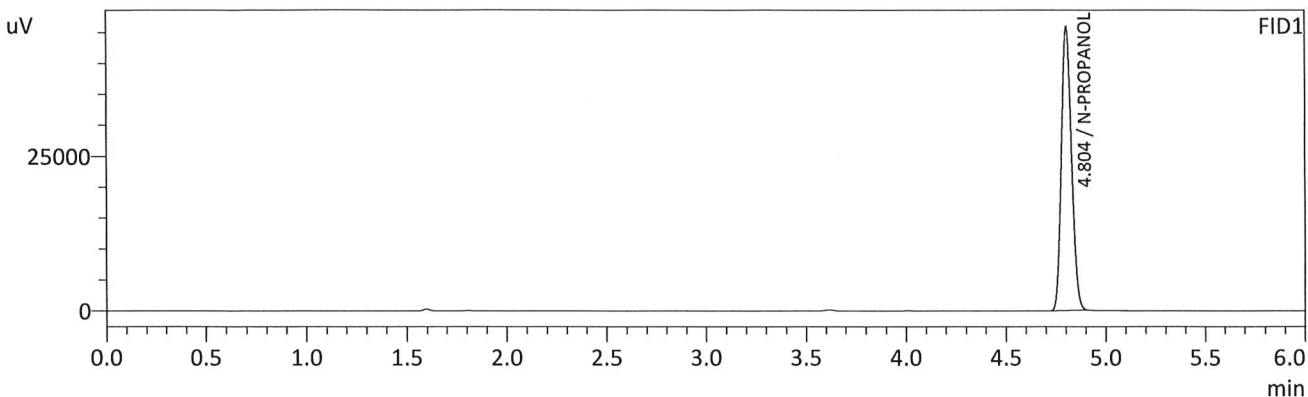
FID1

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	--	--

Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_3262024_001.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:00:37 PM
 Date Processed : 3/26/2024 12:06:39 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

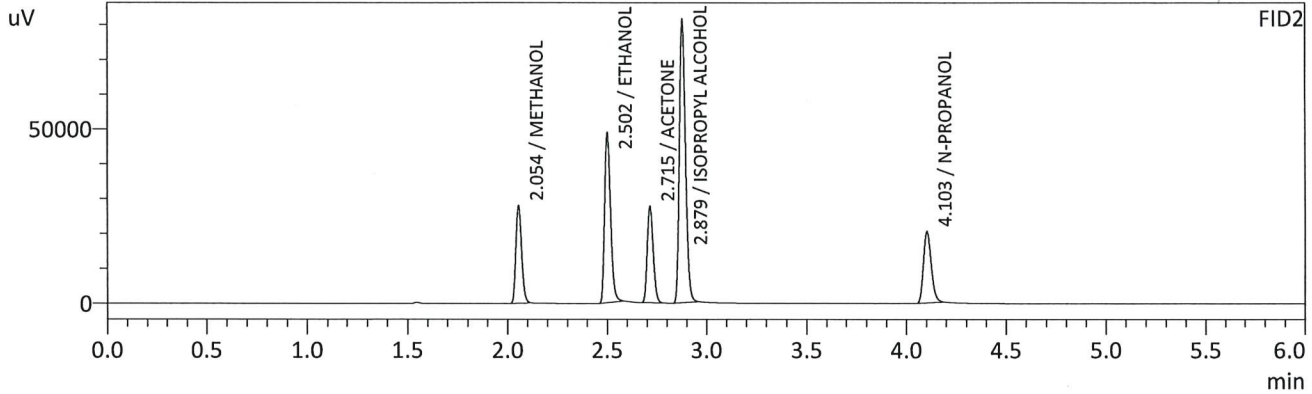
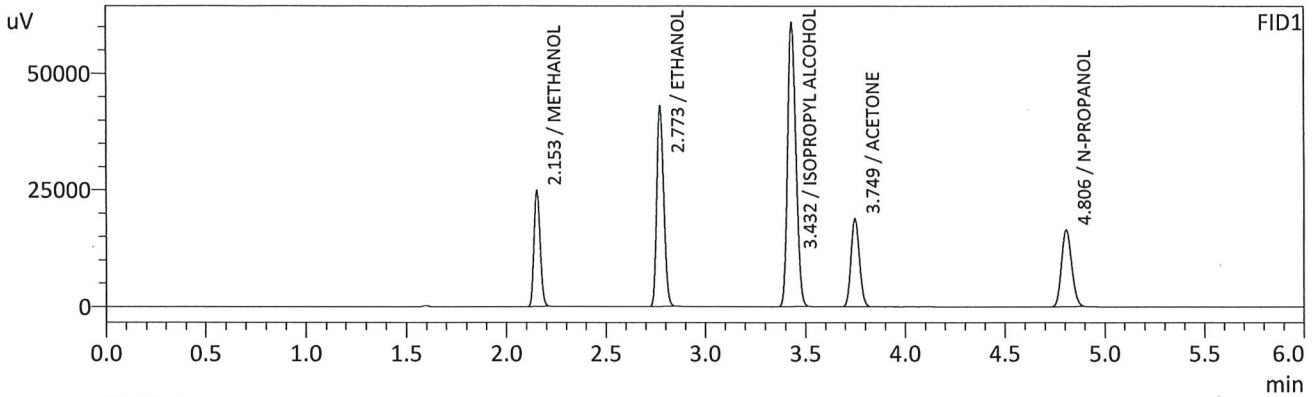
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	162734	45882
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	161868	60092
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_3262024_002.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:10:07 PM
 Date Processed : 3/26/2024 12:16:07 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

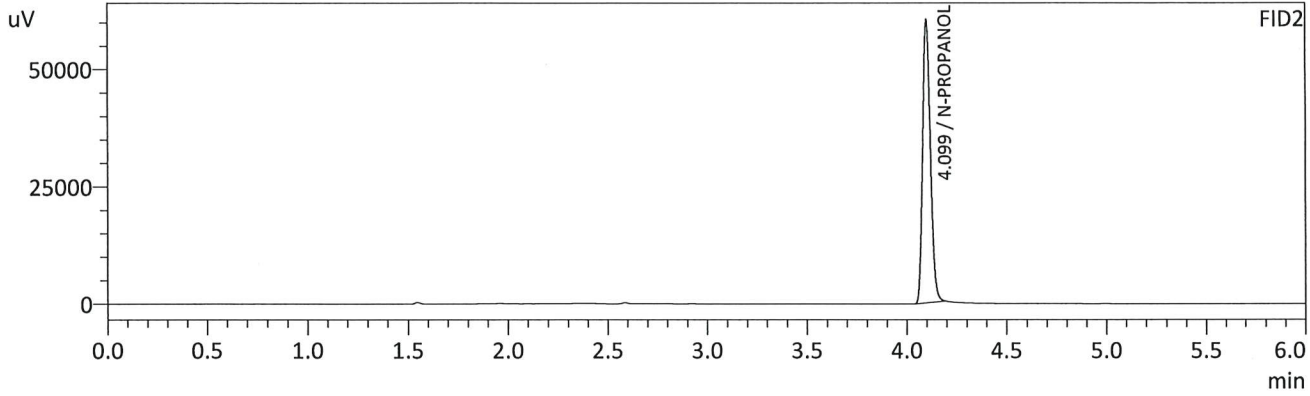
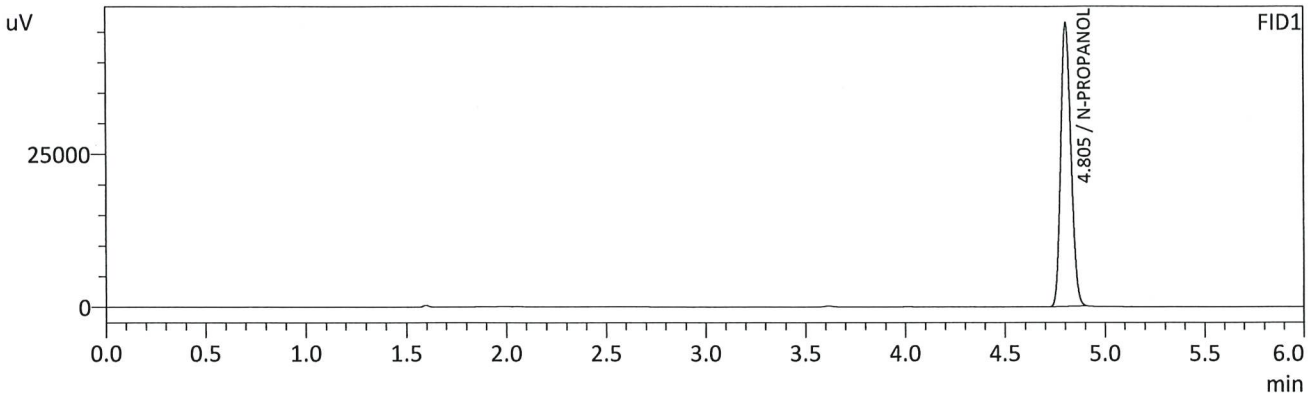
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	53804	24700
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.7662	g/100cc	103317	42611
ISOPROPYL ALCOHOL	0.0000	g/100cc	173339	60737
ACETONE	0.0000	g/100cc	55271	18795
N-PROPANOL	0.0000	g/100cc	58403	16392
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	55379	27714
ETHANOL	0.7840	g/100cc	101086	47989
ACETONE	0.0000	g/100cc	57424	27471
ISOPROPYL ALCOHOL	0.0000	g/100cc	175486	80843
N-PROPANOL	0.0000	g/100cc	55254	20313
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_3262024_003.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:19:28 PM
 Date Processed : 3/26/2024 12:25:30 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	164231	46387
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	161802	60265
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1

Analysis Date(s): 3/26/2024 12:29:12 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0831	0.0832	0.0001	0.0831	0.0001	0.0831
(g/100cc)	0.0832	0.0832	0.0000	0.0832		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

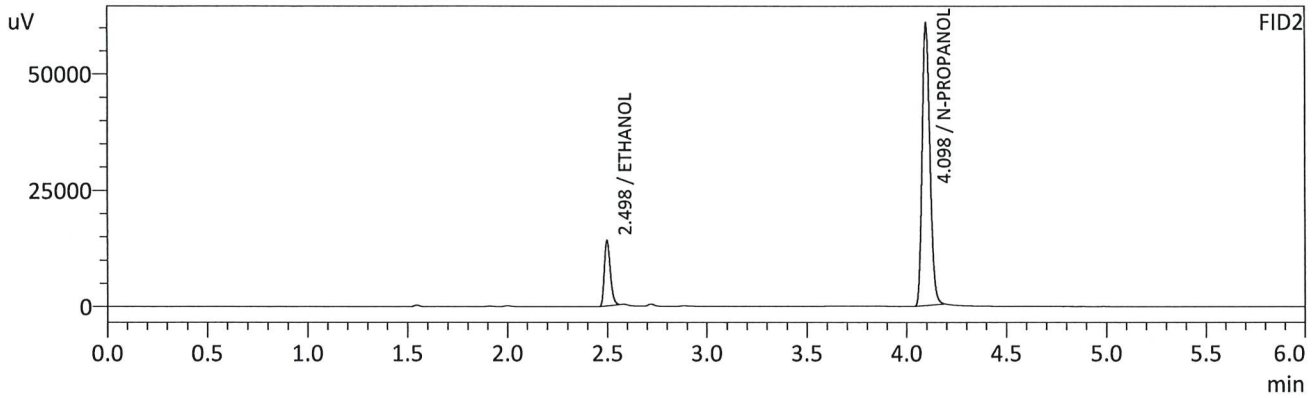
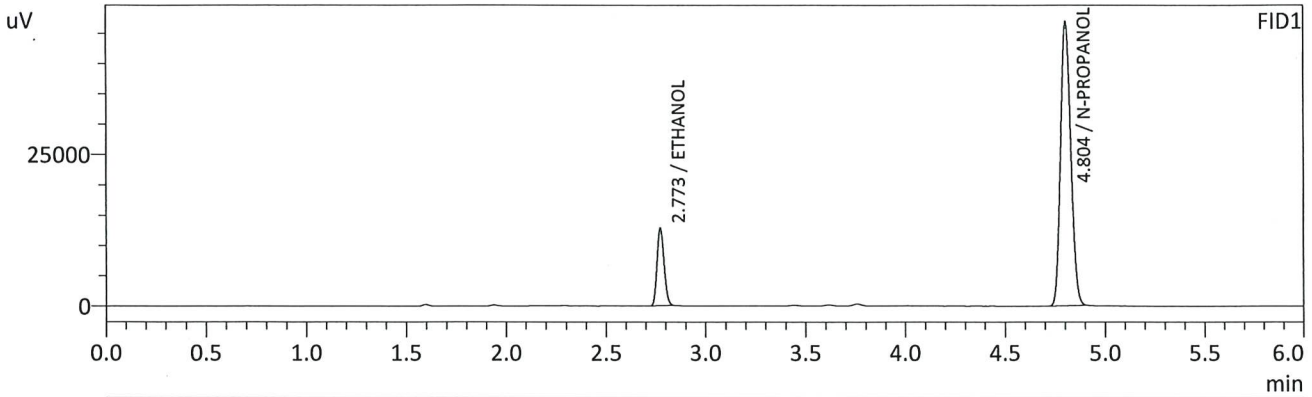
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

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 # : 4
 Data Filename : QC1-1_3262024_004.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:29:12 PM
 Date Processed : 3/26/2024 12:35:14 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

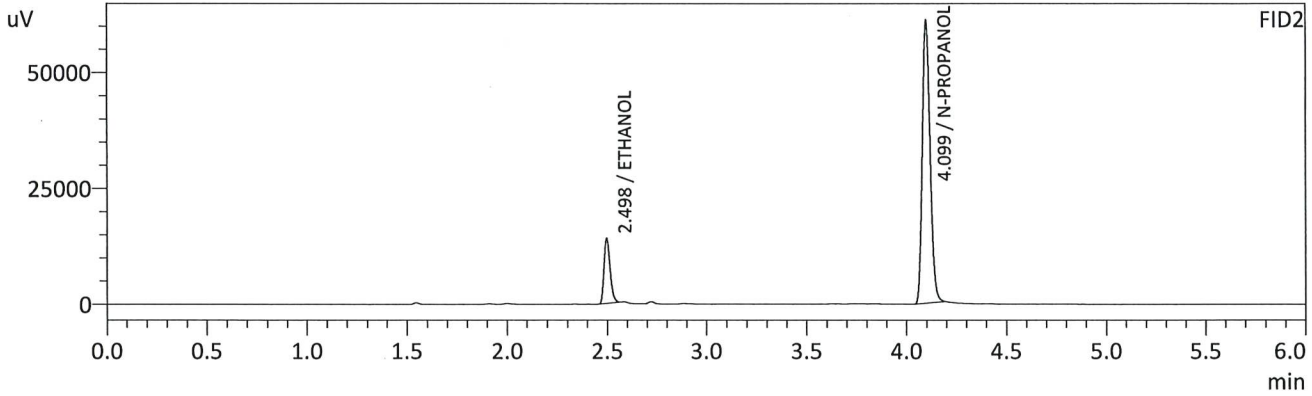
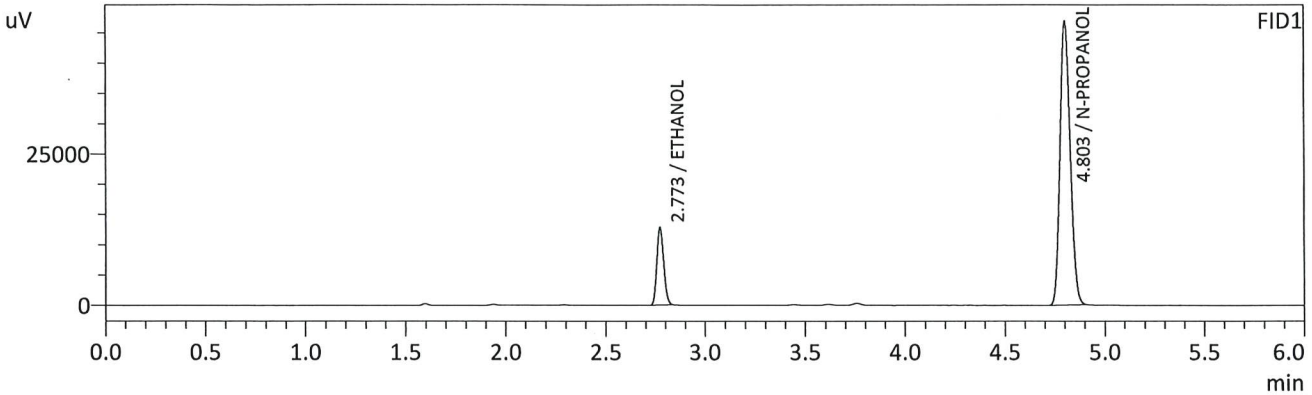
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0831	g/100cc	30881	12770
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166045	46806
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0832	g/100cc	29231	13996
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163749	60378
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_3262024_005.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:38:44 PM
 Date Processed : 3/26/2024 12:44:45 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0832	g/100cc	30903	12726
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166077	46737
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0832	g/100cc	29230	13980
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163718	60774
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA

Analysis Date(s): 3/26/2024 12:48:01 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0821	0.0819	0.0002	0.0820	0.0002	0.0819
(g/100cc)	0.0817	0.0820	0.0003	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

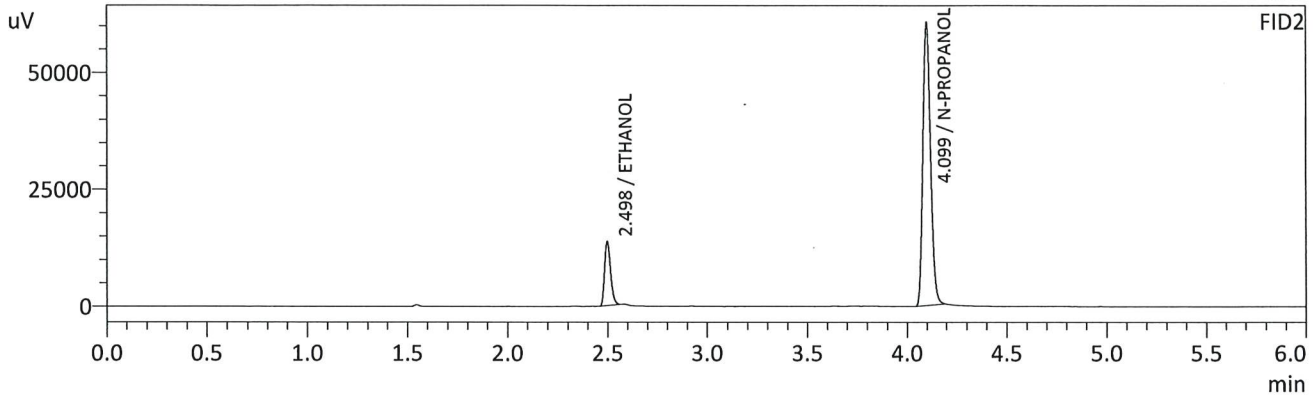
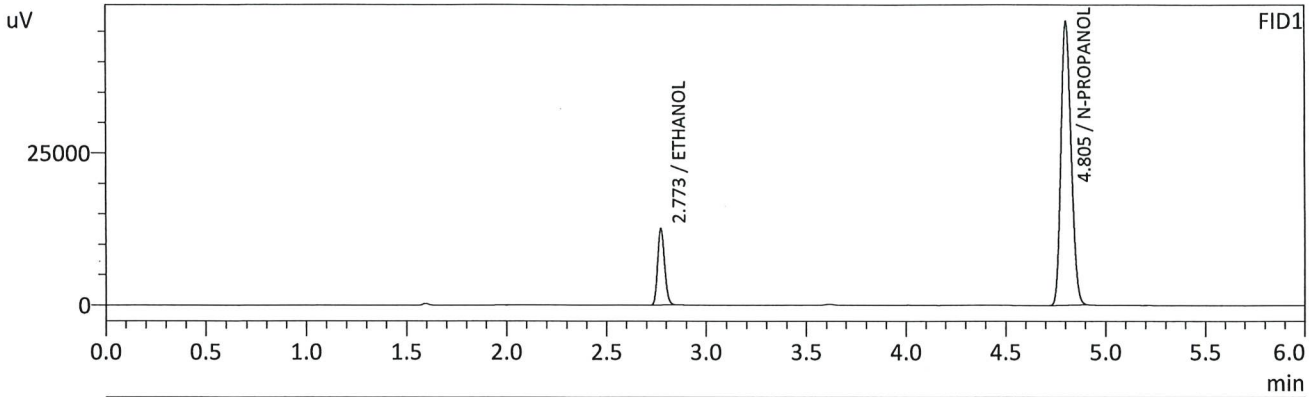
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

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 # : 6
 Data Filename : 0.08 QA_3262024_006.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:48:01 PM
 Date Processed : 3/26/2024 12:54:03 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

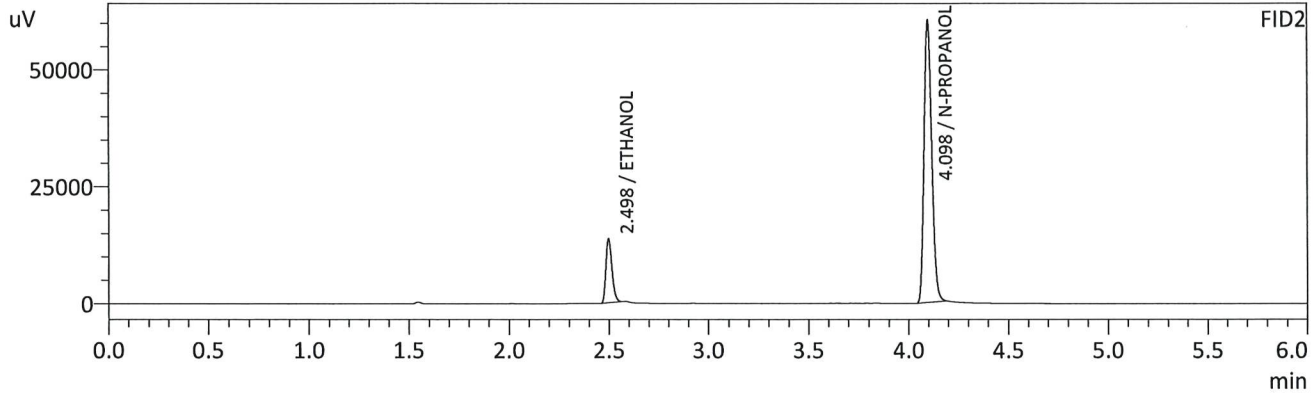
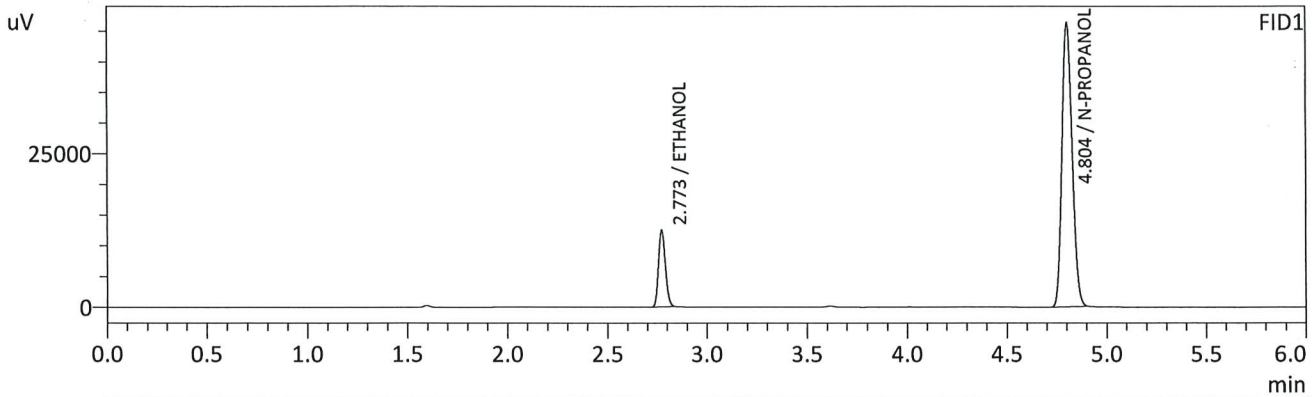
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0821	g/100cc	30359	12516
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165357	46598
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0819	g/100cc	28605	13700
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	162963	60424
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_3262024_007.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 12:57:45 PM
 Date Processed : 3/26/2024 1:03:47 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0817	g/100cc	30085	12448
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164667	46282
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	28495	13659
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	162265	60006
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 3/26/2024 3:58:43 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2052	0.2035	0.0017	0.2043	0.0029	0.2058
(g/100cc)	0.2085	0.2060	0.0025	0.2072		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

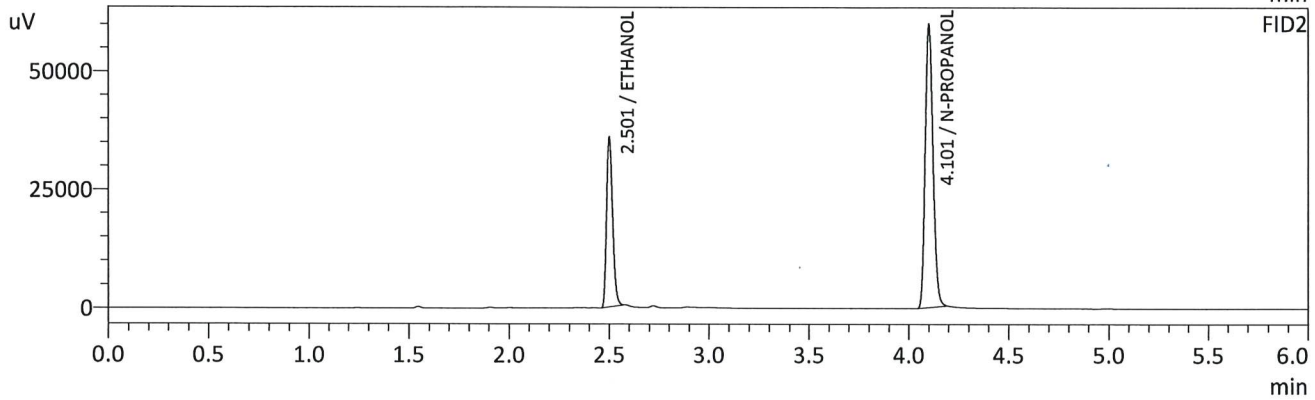
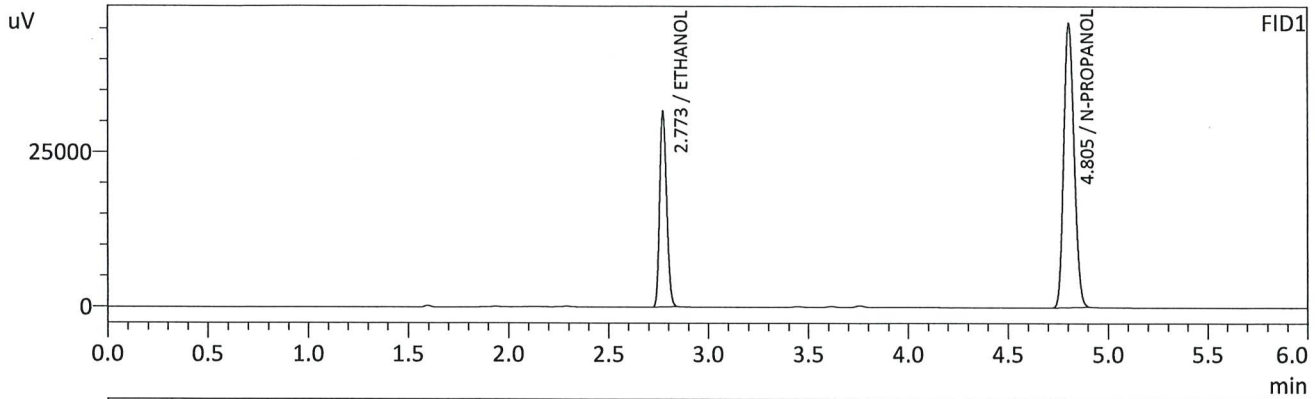
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.205	0.194	0.216	0.011

	Reported Results
	0.205

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_3262024_026.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 3:58:43 PM
 Date Processed : 3/26/2024 4:04:45 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

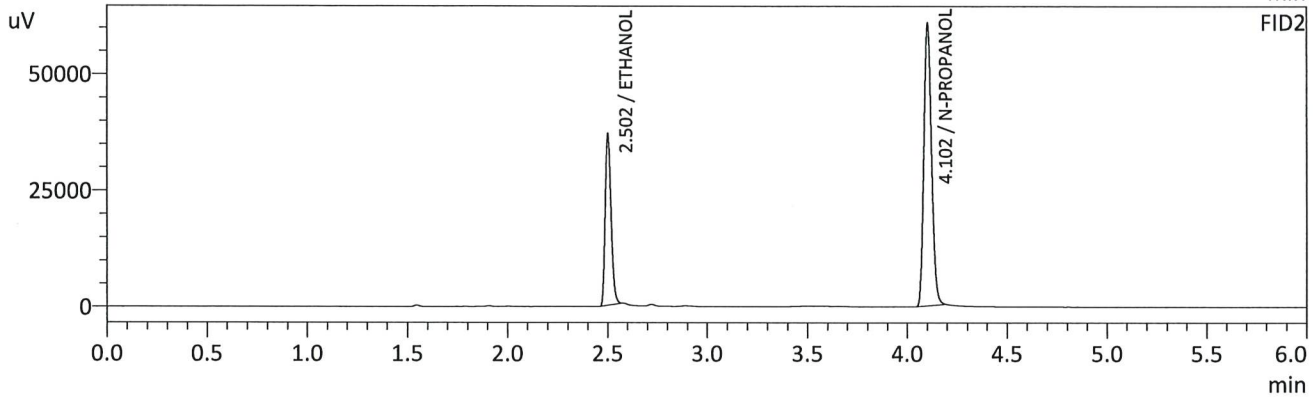
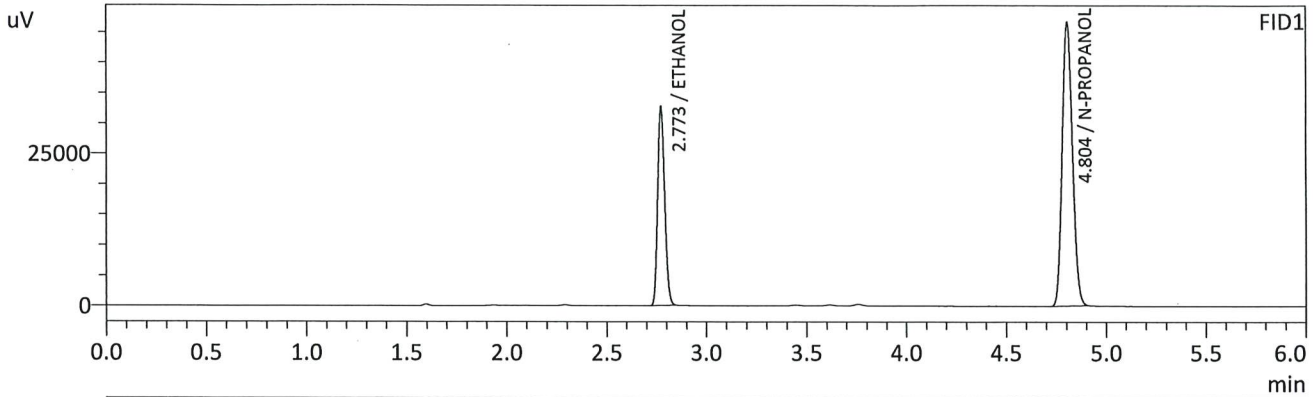
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2052	g/100cc	76439	31407
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	162986	45952
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2035	g/100cc	74187	35616
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	160598	59644
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

HC

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_3262024_027.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 4:07:59 PM
 Date Processed : 3/26/2024 4:14:01 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2085	g/100cc	79051	32497
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165889	46627
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2060	g/100cc	76453	36463
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163447	60420
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JAC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 3/26/2024 6:50:12 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	0.0871	0.0022	0.0882	0.0009	0.0877
(g/100cc)	0.0886	0.0861	0.0025	0.0873		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

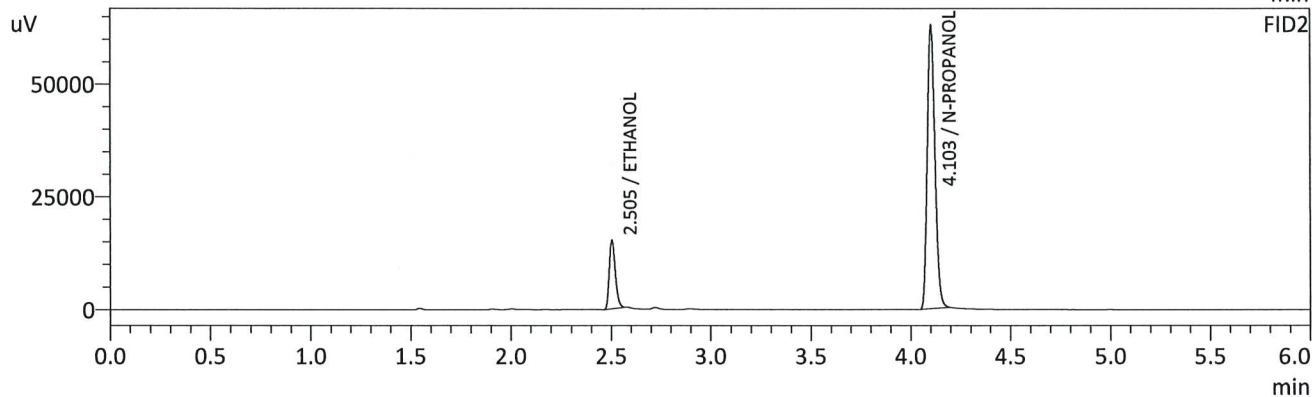
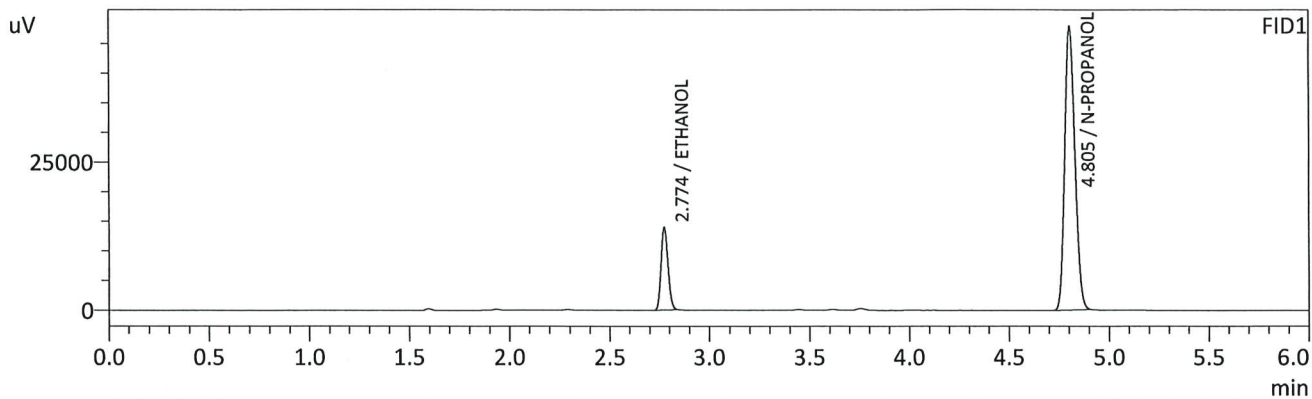
Refer To Instrument Method: ALCOHOL_032224_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%):		
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 # : 44
 Data Filename : QC1-2_3262024_044.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 6:50:12 PM
 Date Processed : 3/26/2024 6:56:14 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

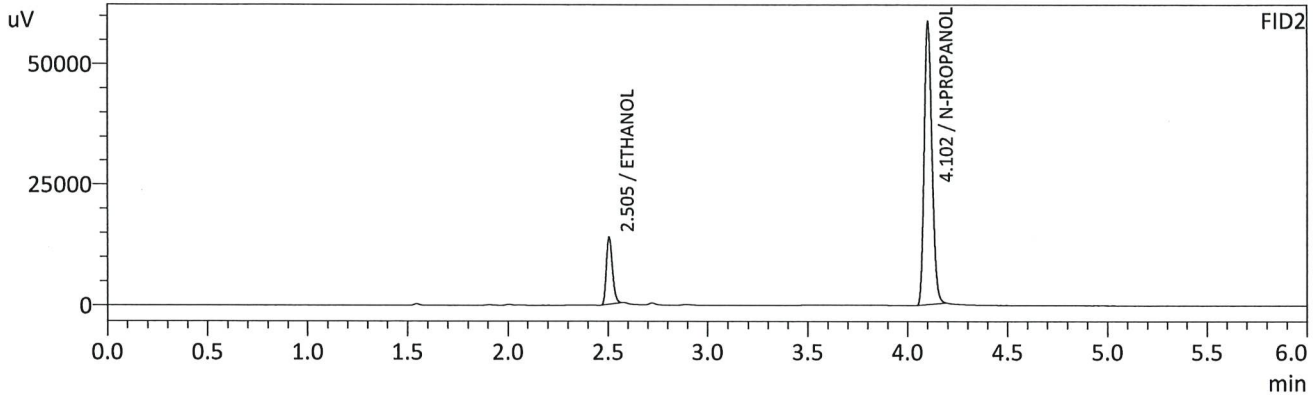
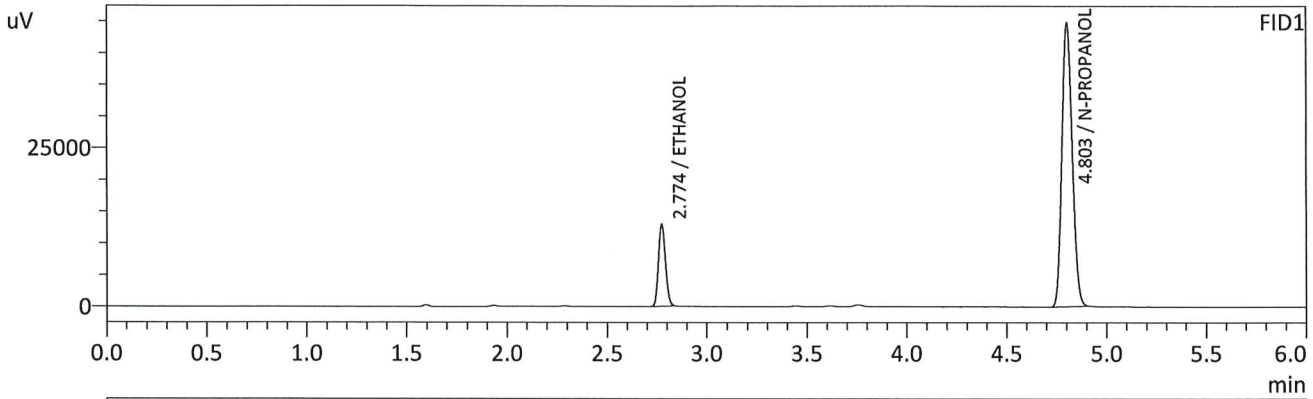
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0893	g/100cc	33923	13951
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169386	47826
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0871	g/100cc	31566	15132
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168266	62573
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : QC1-2-B
 Vial # : 45
 Data Filename : QC1-2-B_3262024_045.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 6:59:29 PM
 Date Processed : 3/26/2024 7:05:30 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_032224_RC.gcm



FID1

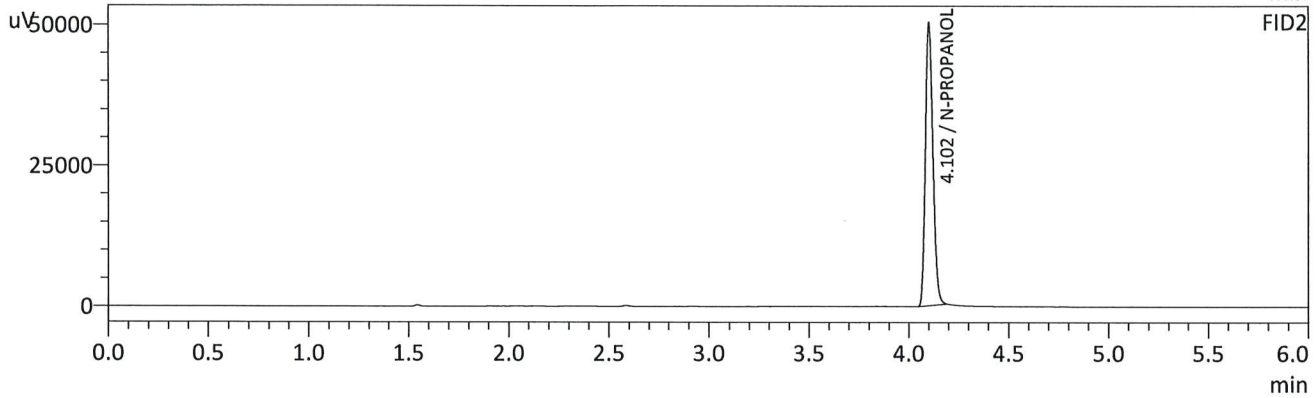
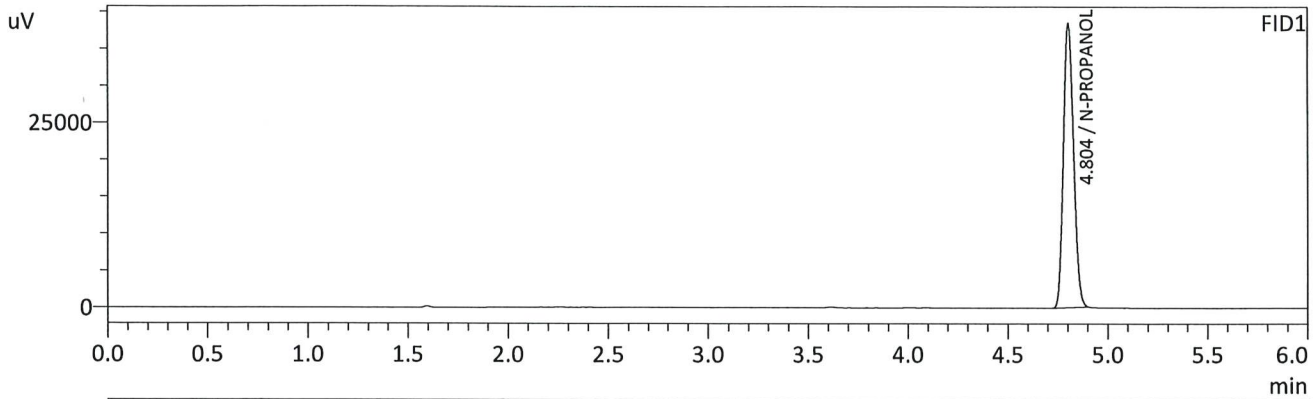
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0886	g/100cc	31518	12947
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	158621	44675
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0861	g/100cc	29067	13876
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156798	58159
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : INT STD BLK 3
 Vial # : 46
 Data Filename : INT STD BLK 3_3262024_046.gcd
 Method Filename : ALCOHOL_032224_RC.gcm
 Batch Filename : BATCH_032624_RC.gcb
 Date Acquired : 3/26/2024 7:09:20 PM
 Date Processed : 3/26/2024 7:15:21 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	135225	38401
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	132935	49996
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_032224_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_032224_RC.gcm		1
3	INT STD BLK 2	0:Unknown	ALCOHOL_032224_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_032224_RC.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL_032224_RC.gcm		0
8	P2024-0729-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
9	P2024-0729-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
10	P2024-0815-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
11	P2024-0815-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
12	P2024-0816-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
13	P2024-0816-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
14	P2024-0817-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
15	P2024-0817-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
16	P2024-0818-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
17	P2024-0818-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
18	P2024-0819-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
19	P2024-0819-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
20	P2024-0820-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
21	P2024-0820-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
22	P2024-0821-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
23	P2024-0821-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
24	P2024-0852-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
25	P2024-0852-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
28	P2024-0869-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
29	P2024-0869-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
30	P2024-0870-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
31	P2024-0870-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
32	P2024-0871-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
33	P2024-0871-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
34	P2024-0874-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
35	P2024-0874-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
36	P2024-0875-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
37	P2024-0875-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
38	P2024-0894-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
39	P2024-0894-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
40	P2024-0900-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
41	P2024-0900-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
42	P2024-0903-1	0:Unknown	ALCOHOL_032224_RC.gcm		0
43	P2024-0903-1-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
44	QC1-2	0:Unknown	ALCOHOL_032224_RC.gcm		0
45	QC1-2-B	0:Unknown	ALCOHOL_032224_RC.gcm		0
46	INT STD BLK 3	0:Unknown	ALCOHOL_032224_RC.gcm		0