Worklist: 7006

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION	
P2024-3774	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3776	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3782	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3784	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3798	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3799	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3809	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3810	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3814	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3815	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3817	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3818	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3819	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3820	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3831	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3836	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3861	3	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3866	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
P2024-3867	1	BCK	Alcohol Analysis	‖‖‖‖‖‖‖‖
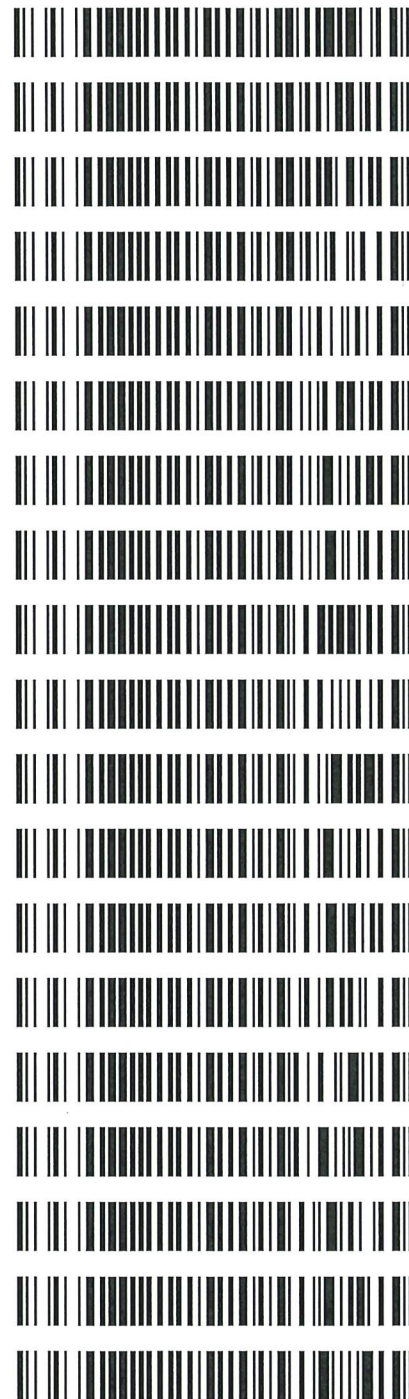
REVIEWED
By Jeremy Johnston at 2:14 pm, Dec 27, 2024

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor **Serial Number:** *ML600GB9897*

Volatiles Quality Assurance Controls				**Run Date(s):**		12/26/24
				Calibration Date: *(if different)* :		
				Worklist #:		**7006**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0824	g/100cc
						g/100cc
						g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2054	g/100cc
					0.2122	g/100cc
						g/100cc
Multi-Component mixture:		Exp:	2028 May	Lot #	FN02162310 OK	
Curve Fit:			Column 1	0.99992	Column2	0.99992

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0513	0.0514	0.0001	0.0513
100	0.100	0.090 - 0.110	0.1005	0.1004	0.0001	0.1004
200	0.200	0.180 - 0.220	0.1983	0.1984	1E-04	0.1983
300	0.300	0.270 - 0.330	0.2983	0.2981	0.0002	0.2982
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5013	0.5014	1E-04	0.5013

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 #:	7006	Run Date(s):	12/26/24

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

Sample Name	Column 1 Value	Column 2 Value
0.080	179611	178303
0.080	180041	178816
QC1	182644	181325
QC1	181848	180533
QC1		
QC1		
QC1		
QC1		
QC2	177160	175755
QC2	176889	175681
QC2	196682	196230
QC2	179818	178828
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	181836.6	145469.3	218204.0
Column 2	180683.9	144547.1	216820.7

===

Calibration Table

===

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

<<Data File>>
Method File   :Default Project - ALCOHOL_122624_RC.gcm
Batch File   :Default Project - BATCH_122624_RC.gcb
Date Acquired   :12/26/2024 3:12:01 PM
Date Created   :12/26/2024 3:08:33 PM
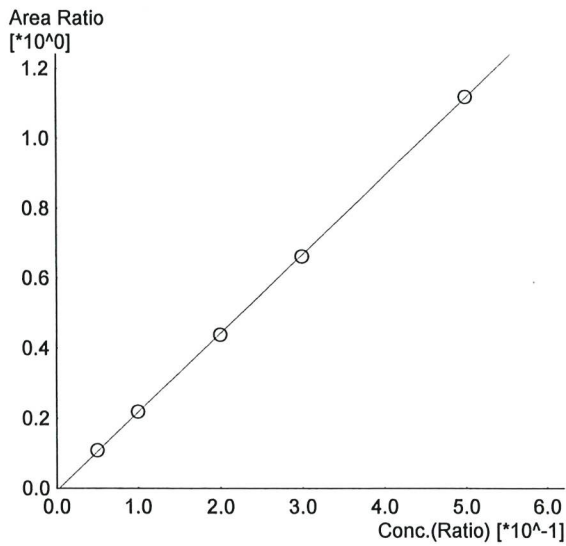Date Modified   :12/26/2024 3:18:02 PM
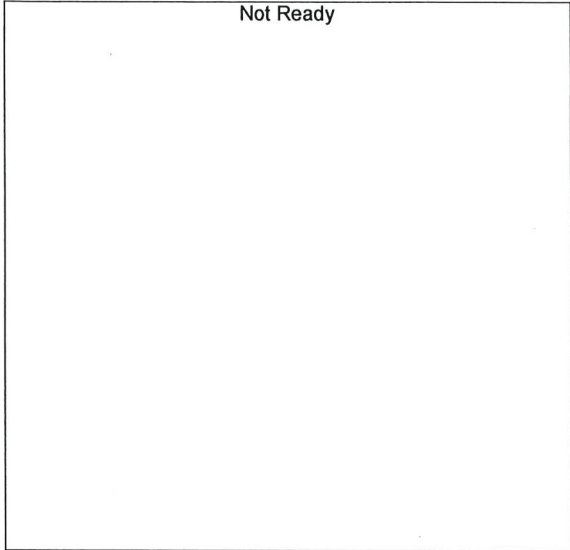
Name : METHANOL
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

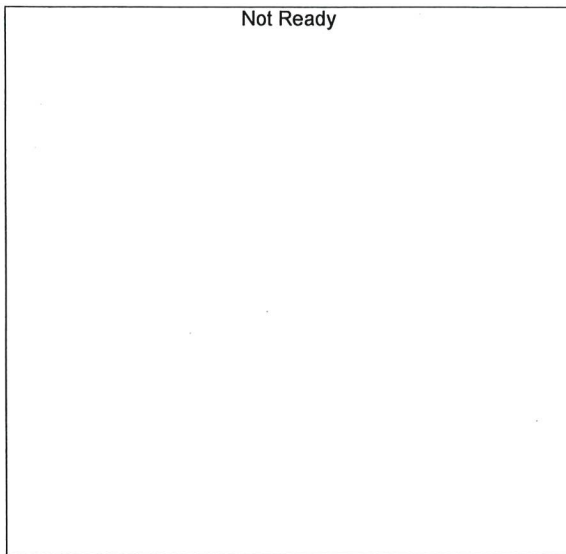| #	Conc.	Area	Std. Conc.	Data File Name

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

Not Ready

Area Ratio
[*10^0]
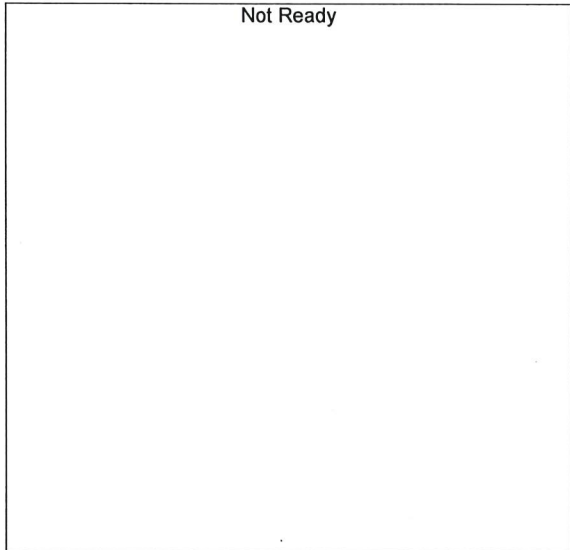
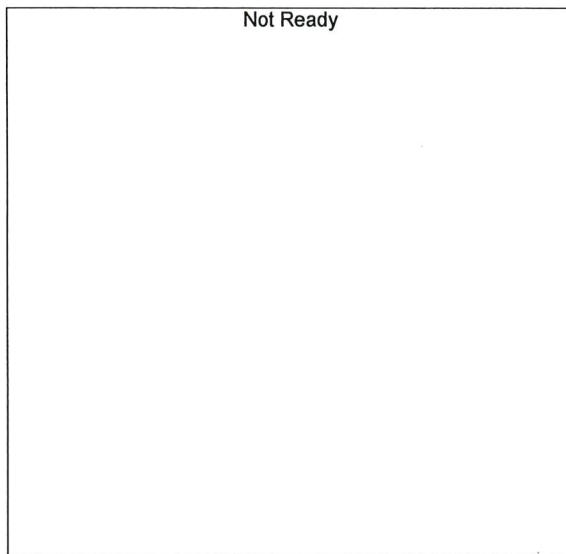
Name : ETHANOL
Detector Name: FID1
Function : $f(x)=2.24476*x-0.00760530$
R^2 value= 0.9999286
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19186	0.0513	0.050_12262024_001.gcd
2	0.100	39201	0.1005	0.100_12262024_002.gcd
3	0.200	79349	0.1983	0.200_12262024_003.gcd
4	0.300	120324	0.2983	0.300_12262024_004.gcd
5	0.500	203453	0.5013	0.500_12262024_005.gcd

Not Ready

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

Not Ready

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

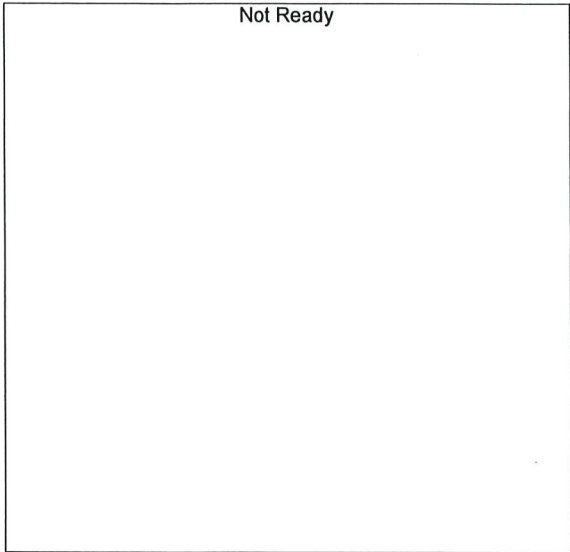| #	Conc.	Area	Std. Conc.	Data File Name

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

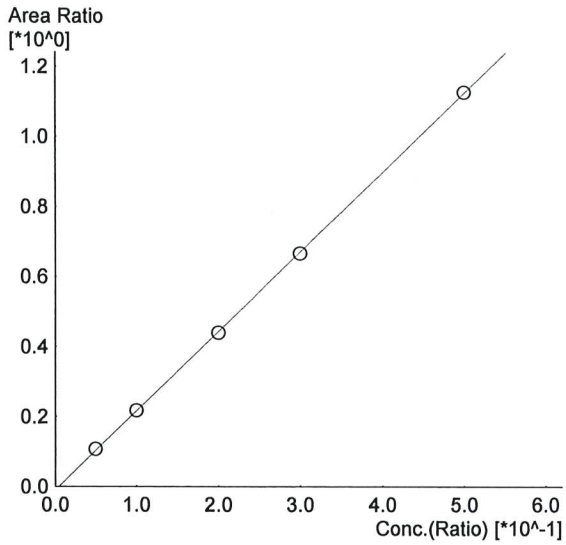| #	Conc.	Area	Std. Conc.	Data File Name

Not Ready

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

Area Ratio
[*10^0]

Name : ETHANOL
Detector Name: FID2
Function : f(x)=2.26536*x-0.00999063
R^2 value= 0.9999200
FitType: Linear
ZeroThrough: Not Through

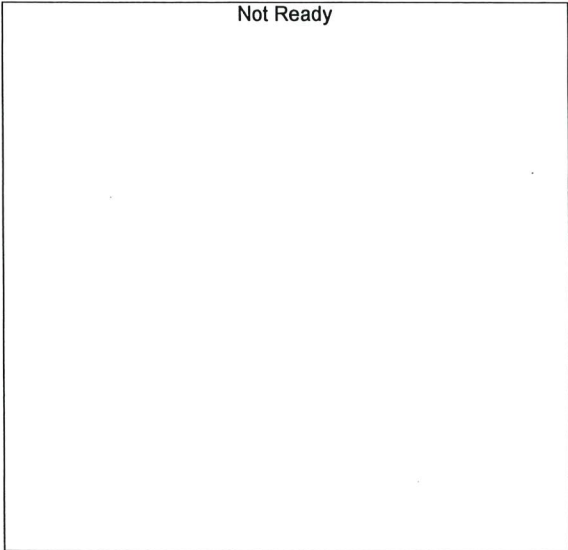| #	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18978	0.0514	0.050_12262024_001.gcd
2	0.100	38984	0.1004	0.100_12262024_002.gcd
3	0.200	79545	0.1984	0.200_12262024_003.gcd
4	0.300	120779	0.2981	0.300_12262024_004.gcd
5	0.500	205106	0.5014	0.500_12262024_005.gcd

Not Ready

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

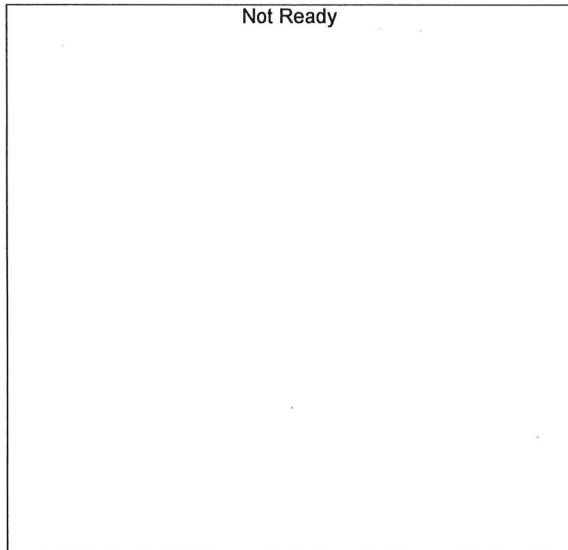| #	Conc.	Area	Std. Conc.	Data File Name

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

Sample Name   : 0.050
Vial #   : 1
Data Filename   : 0.050_12262024_001.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 2:33:55 PM
Date Processed   : 12/27/2024 10:00:07 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
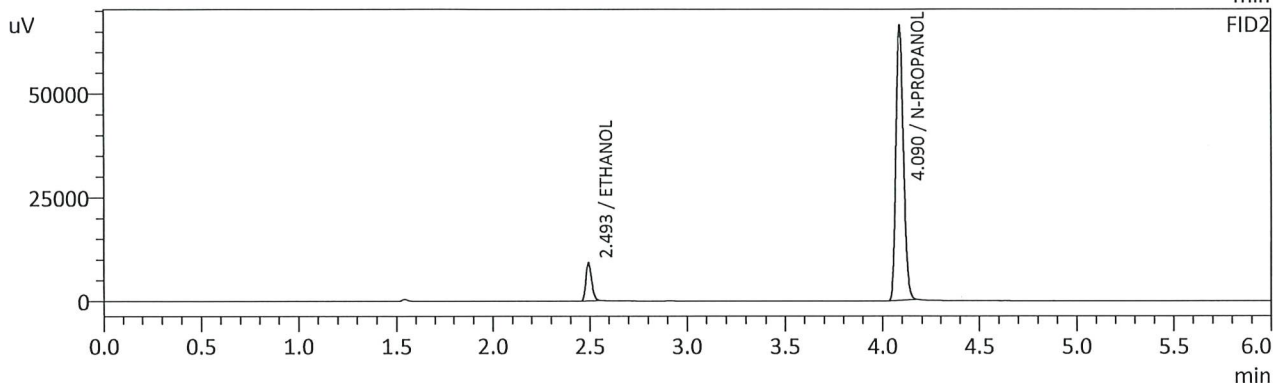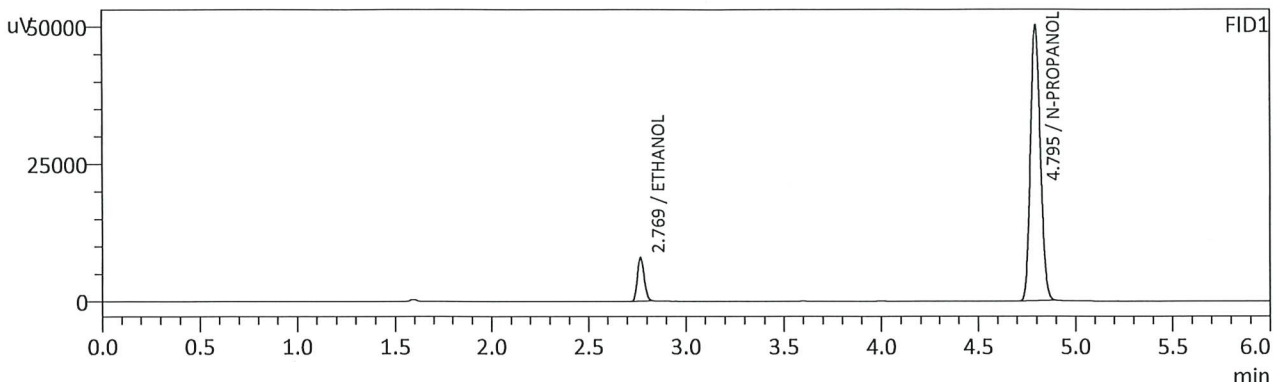
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0513	g/100cc	19186	7886
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178352	50112
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0514	g/100cc	18978	9036
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178030	66092
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.100
Vial #   : 2
Data Filename   : 0.100_12262024_002.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 2:43:24 PM
Date Processed   : 12/27/2024 10:00:25 AM
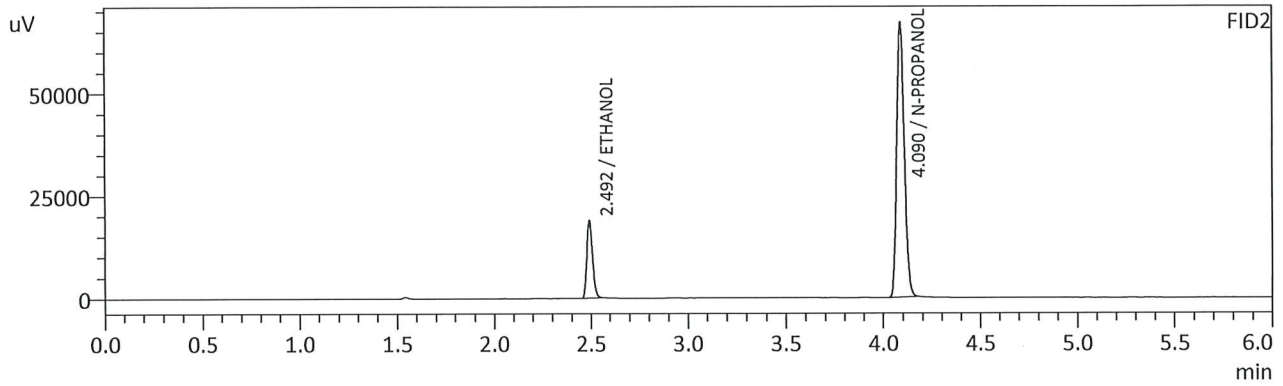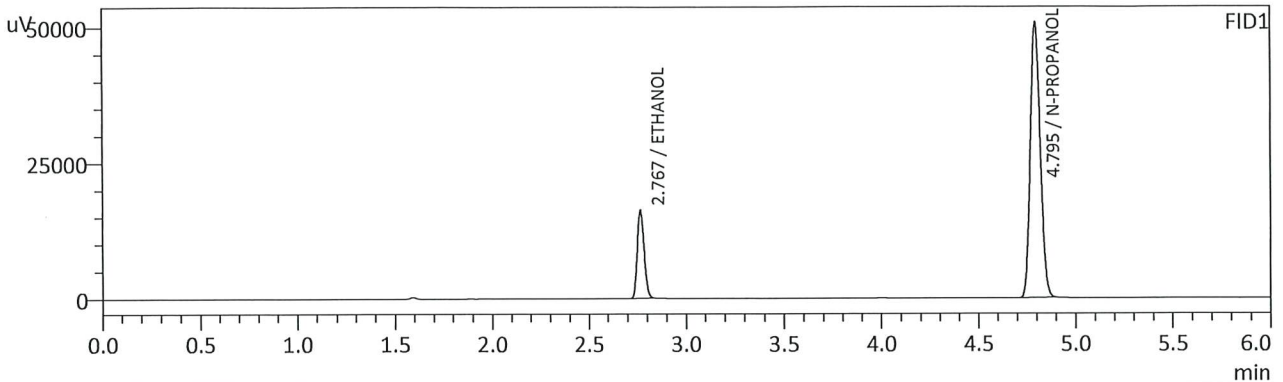Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	39201	16146
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179739	50658
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1004	g/100cc	38984	18699
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179254	66851
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.200
Vial #   : 3
Data Filename   : 0.200_12262024_003.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 2:52:45 PM
Date Processed   : 12/27/2024 10:00:33 AM
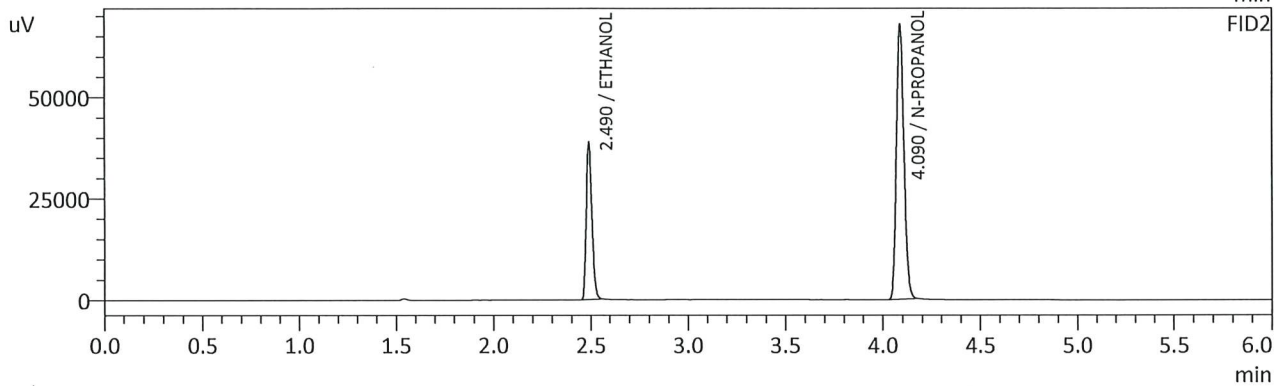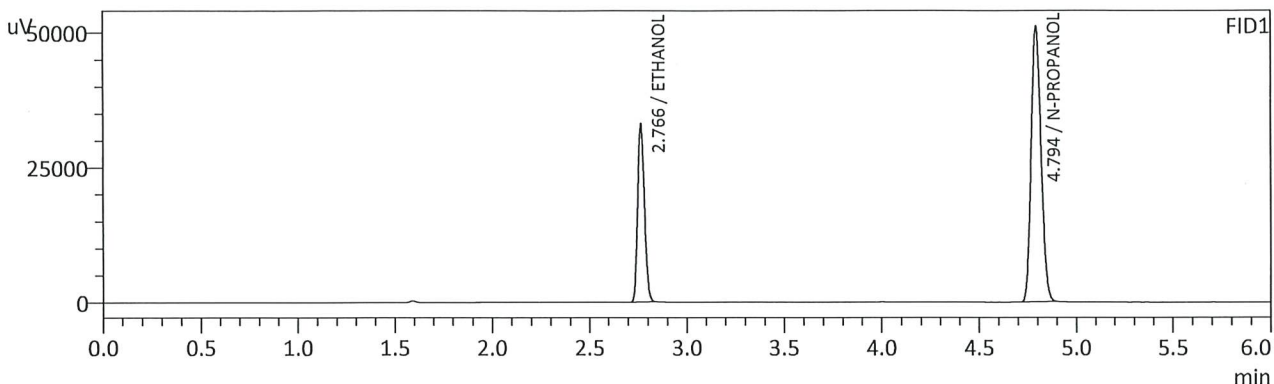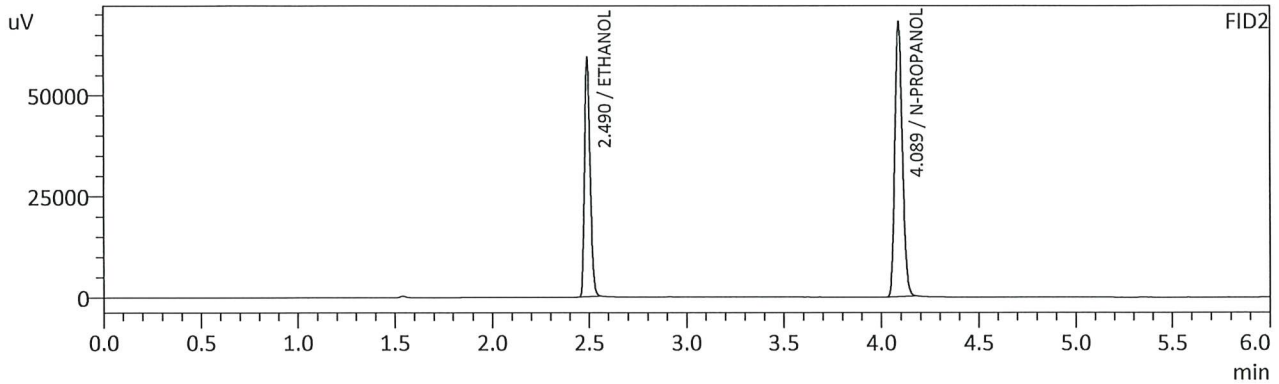Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1983	g/100cc	79349	32994
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181276	50941
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1984	g/100cc	79545	38679
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180933	67519
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.300
Vial #   : 4
Data Filename   : 0.300_12262024_004.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:02:30 PM
Date Processed   : 12/27/2024 10:00:41 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
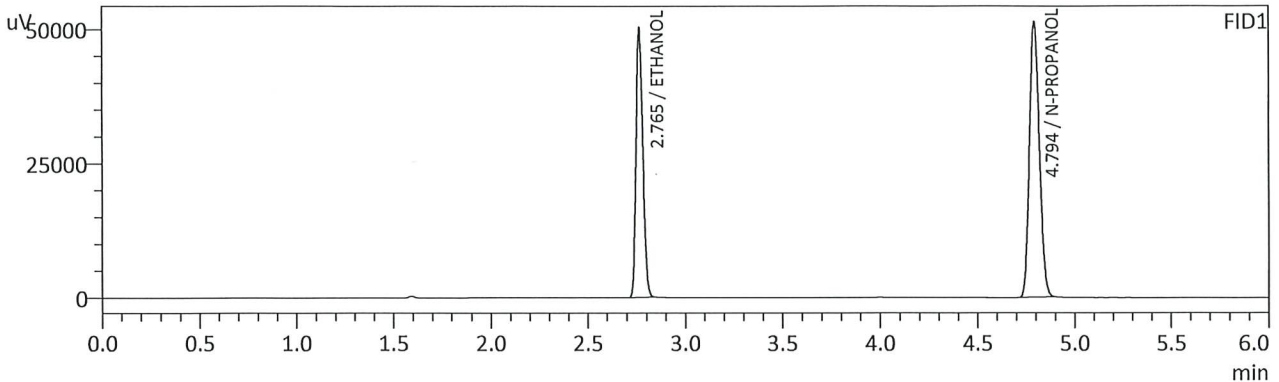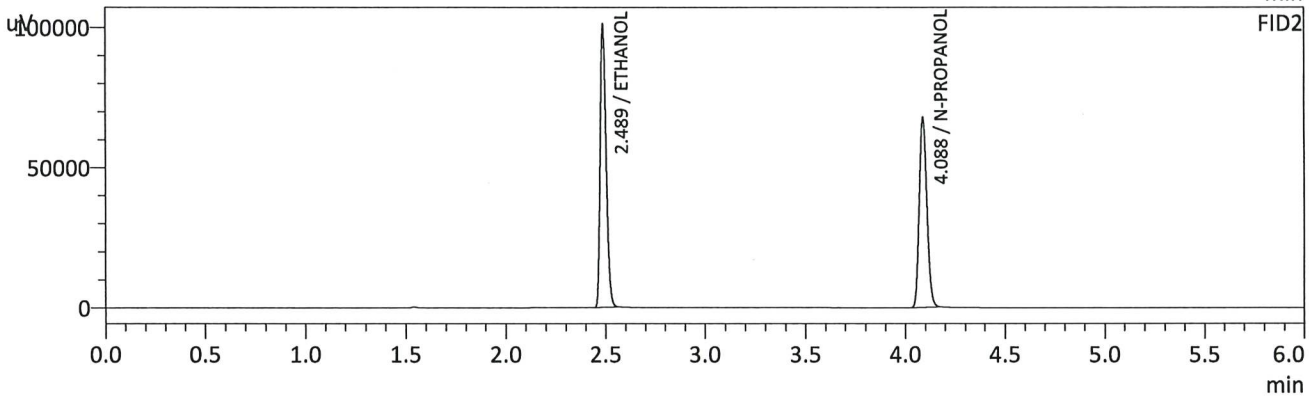

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2983	g/100cc	120324	50203
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181707	51235
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2981	g/100cc	120779	59048
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181504	67667
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.500
Vial #   : 5
Data Filename   : 0.500_12262024_005.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:12:01 PM
Date Processed   : 12/26/2024 3:18:02 PM
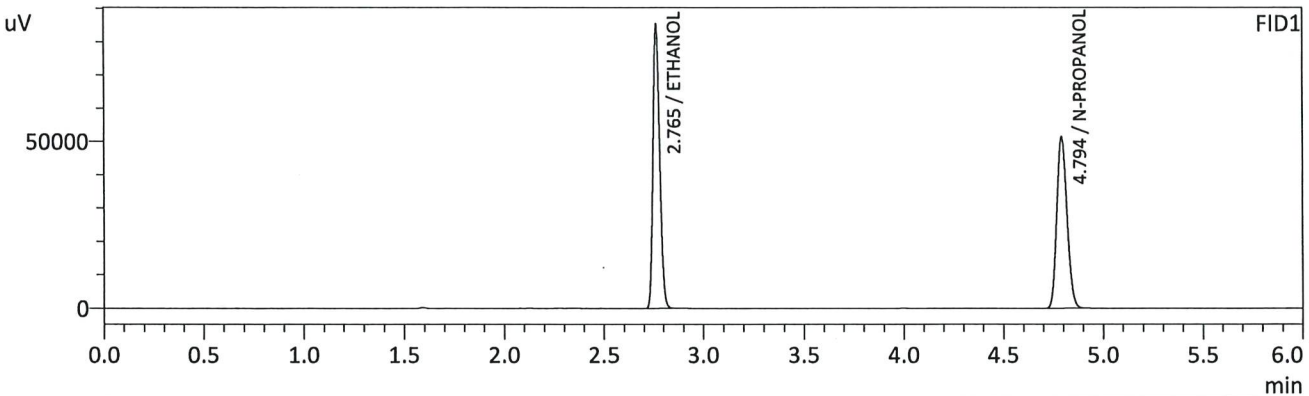Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5013	g/100cc	203453	85019
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182001	51213
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	205106	100704
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182146	67267
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 1
Vial #   : 6
Data Filename   : INT STD BLK 1_12262024_006.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:21:18 PM
Date Processed   : 12/26/2024 3:27:20 PM
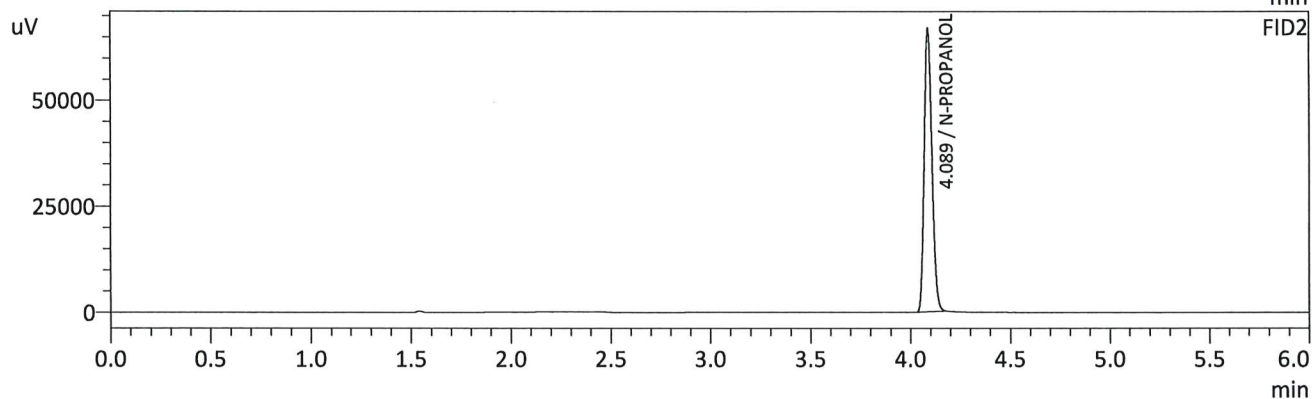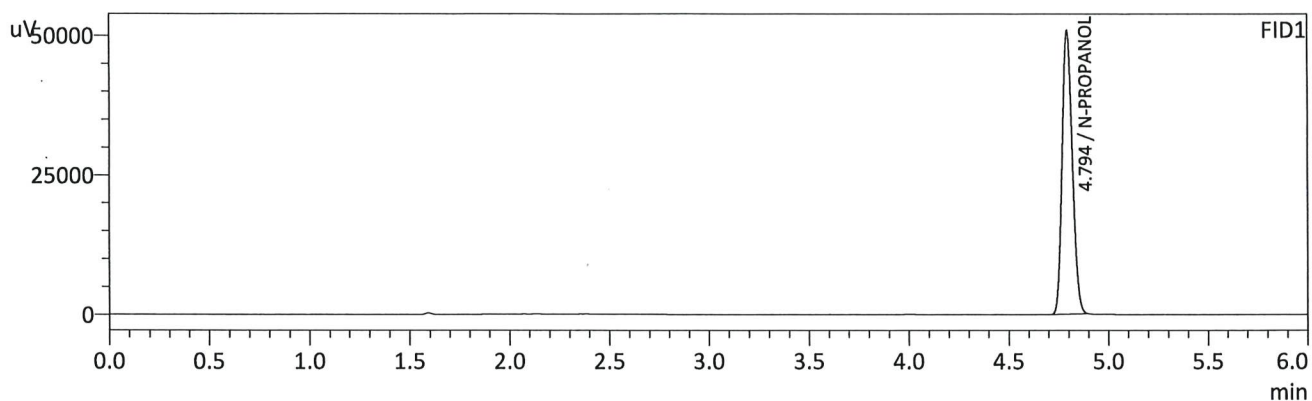Instrument   : GC SN- C12255850662 / HS SN- C12595700014

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	180010	50763
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	178915	66700
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : MULTI-COMP MIX
Vial #   : 7
Data Filename   : MULTI-COMP MIX_12262024_007.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:31:03 PM
Date Processed   : 12/26/2024 3:37:05 PM
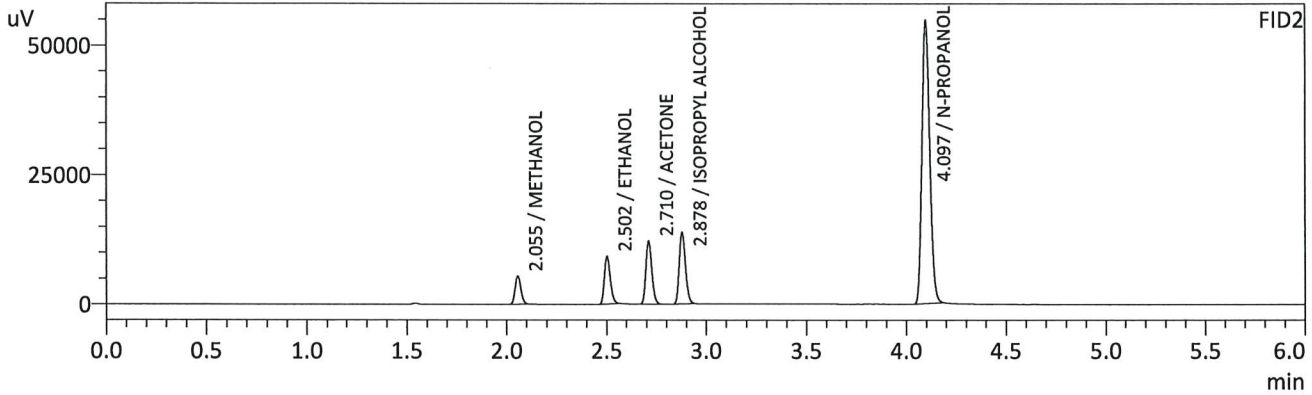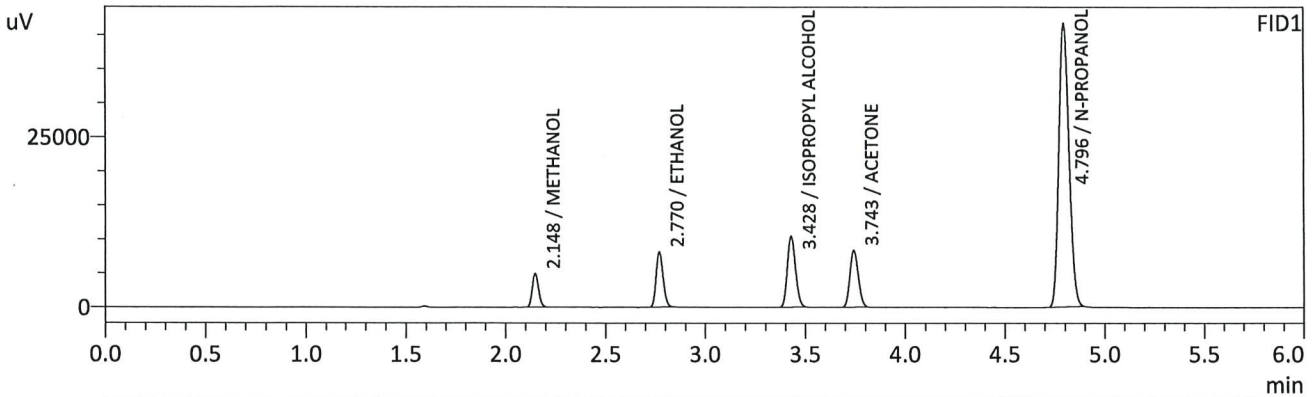Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	10631	4881
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0621	g/100cc	19368	8050
ISOPROPYL ALCOHOL	0.0000	g/100cc	29445	10384
ACETONE	0.0000	g/100cc	24219	8281
N-PROPANOL	0.0000	g/100cc	146821	41640
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	10893	5403
ETHANOL	0.0623	g/100cc	19061	9096
ACETONE	0.0000	g/100cc	25004	12132
ISOPROPYL ALCOHOL	0.0000	g/100cc	29816	13825
N-PROPANOL	0.0000	g/100cc	145162	54427
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 2
Vial #   : 8
Data Filename   : INT STD BLK 2_12262024_008.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:40:35 PM
Date Processed   : 12/26/2024 3:46:37 PM
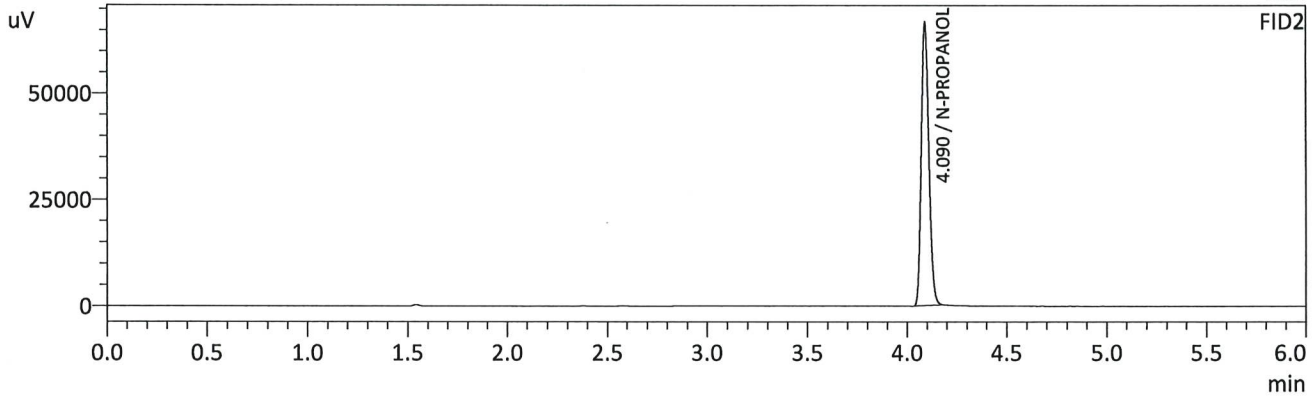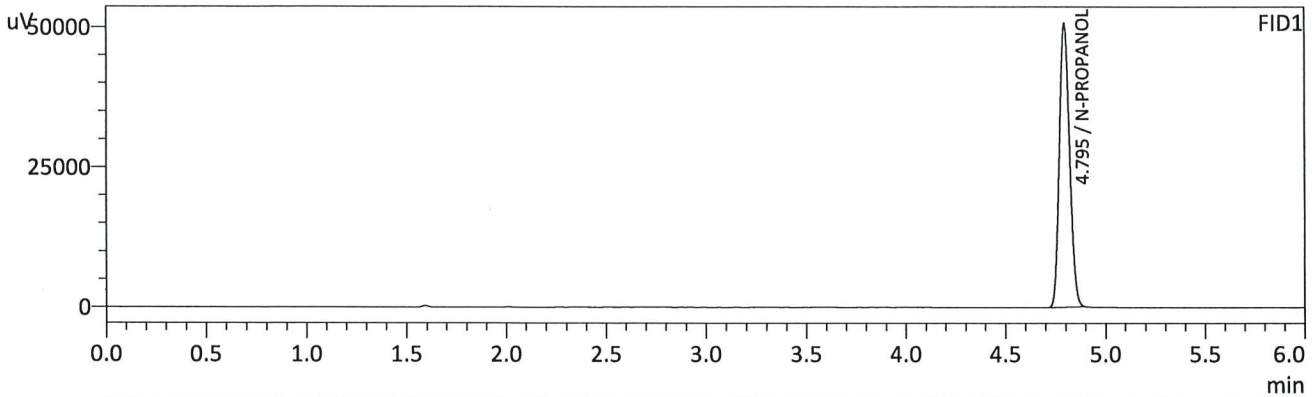Instrument   : GC SN- C12255850662 / HS SN- C12595700014

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	179764	50637
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	178077	66736
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1				Analysis Date(s): 12/26/2024 3:49:56 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0823	0.0824	0.0001	0.0823	0.0001	0.0824
(g/100cc)	0.0825	0.0824	0.0001	0.0824		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122624_RC.gcm

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

	Reported Results	
	0.082	

Calibration and control data are stored centrally.

Sample Name   : QC1-1
Vial #   : 9
Data Filename   : QC1-1_12262024_009.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:49:56 PM
Date Processed   : 12/26/2024 3:55:58 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
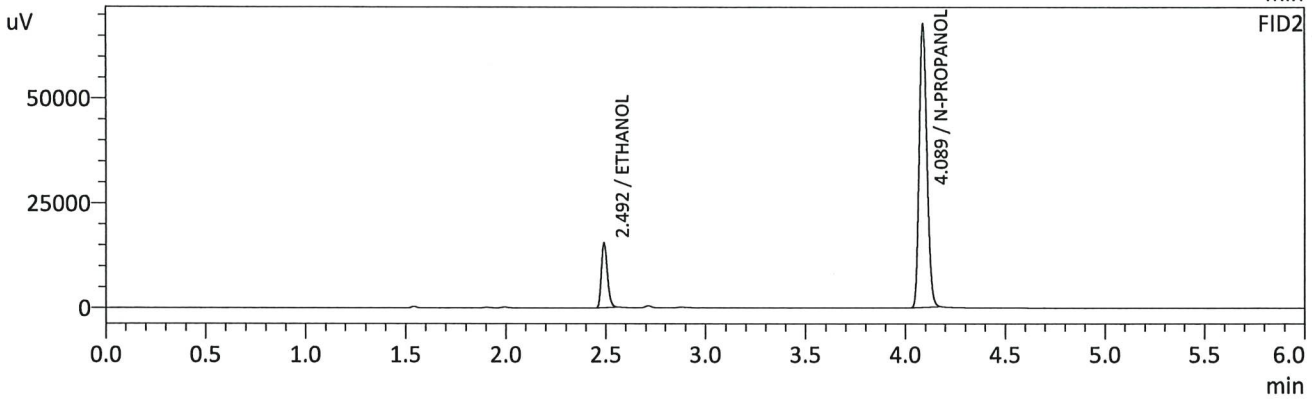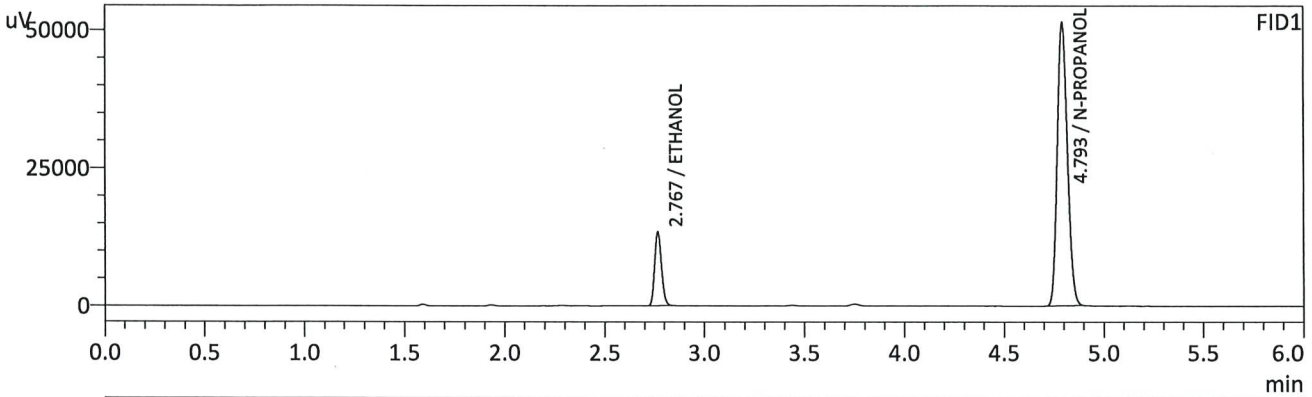
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0823	g/100cc	32391	13343
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182644	51258
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0824	g/100cc	32056	15305
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181325	67387
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC1-1-B
Vial #   : 10
Data Filename   : QC1-1-B_12262024_010.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 3:59:41 PM
Date Processed   : 12/26/2024 4:05:42 PM
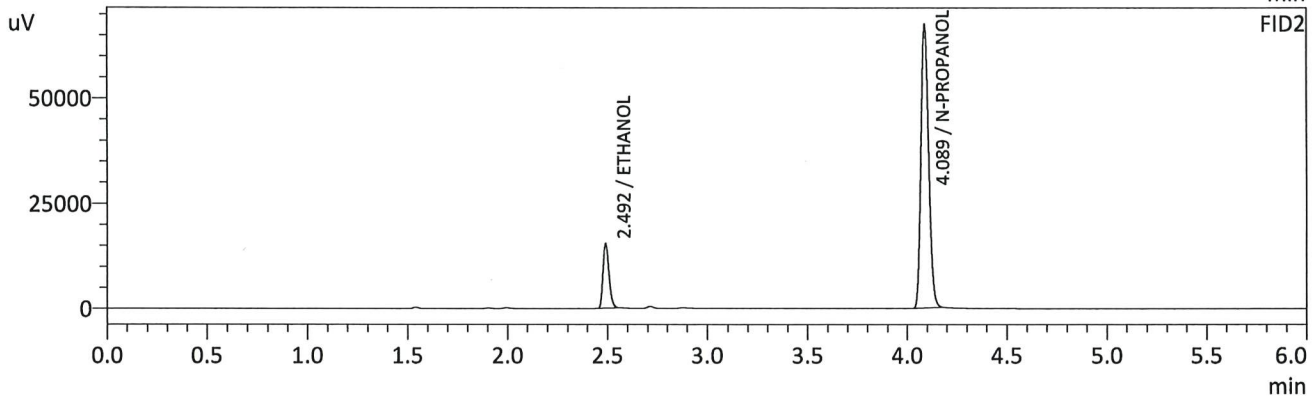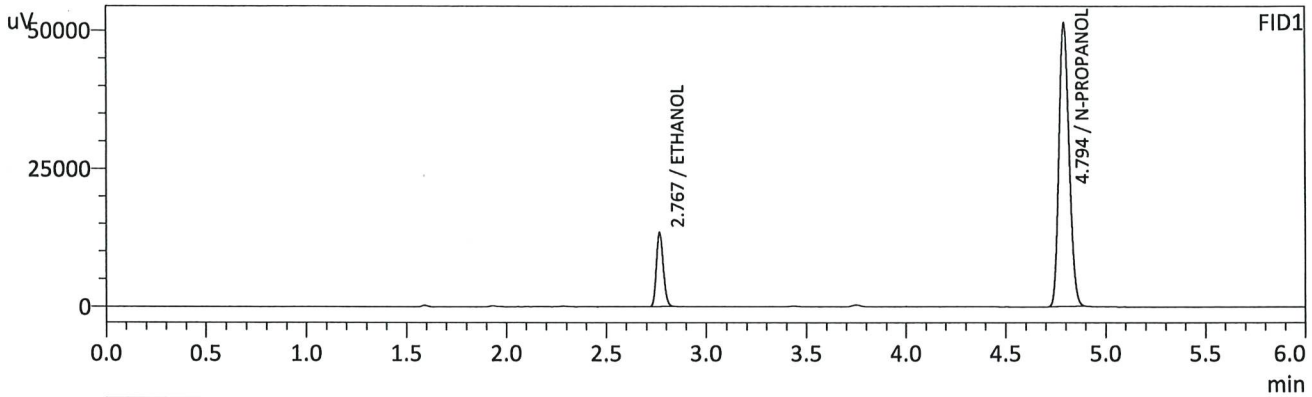Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0825	g/100cc	32303	13314
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181848	51264
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0824	g/100cc	31919	15220
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180533	67149
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA				Analysis Date(s): 12/26/2024 4:09:12 PM(-07:00)	
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0812	0.0812	0.0000	0.0812	0.0002	0.0813
(g/100cc)	0.0815	0.0814	0.0001	0.0814		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122624_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 _12262024_011.gcd
Method Filename : ALCOHOL_122624_RC.gcm
Batch Filename : BATCH_122624_RC.gcb
Date Acquired : 12/26/2024 4:09:12 PM
Date Processed : 12/26/2024 4:15:14 PM
Instrument : GC SN- C12255850662 / HS SN- C12595700014
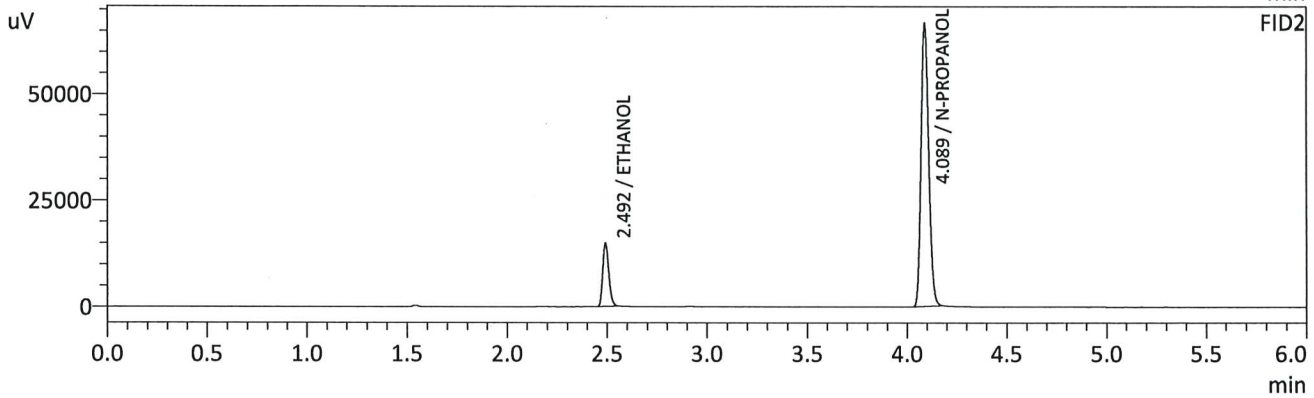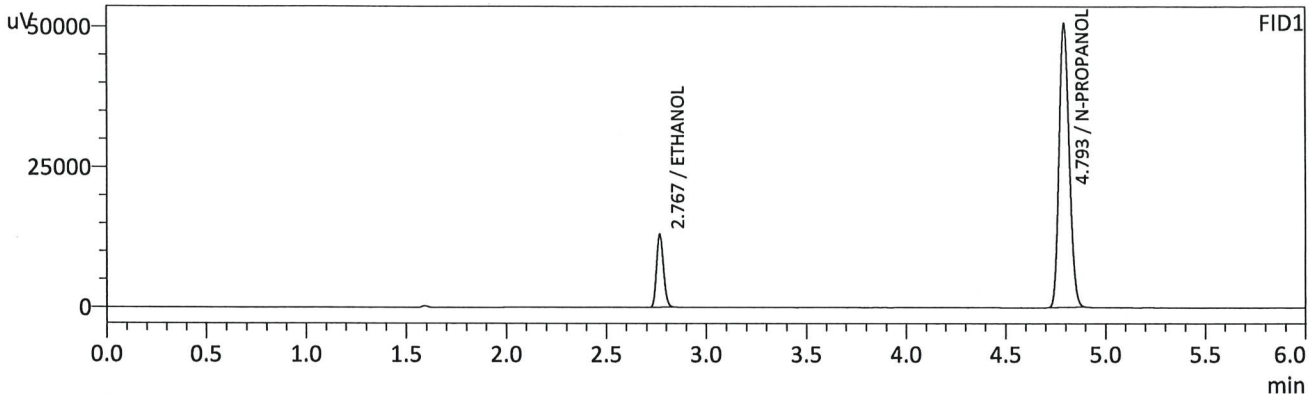
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	31402	12931
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179611	50463
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	31028	14724
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178303	66507
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.08 QA - B
Vial #   : 12
Data Filename   : 0.08 QA - B_12262024_012.gcd
Method Filename : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 4:18:30 PM
Date Processed   : 12/26/2024 4:24:31 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
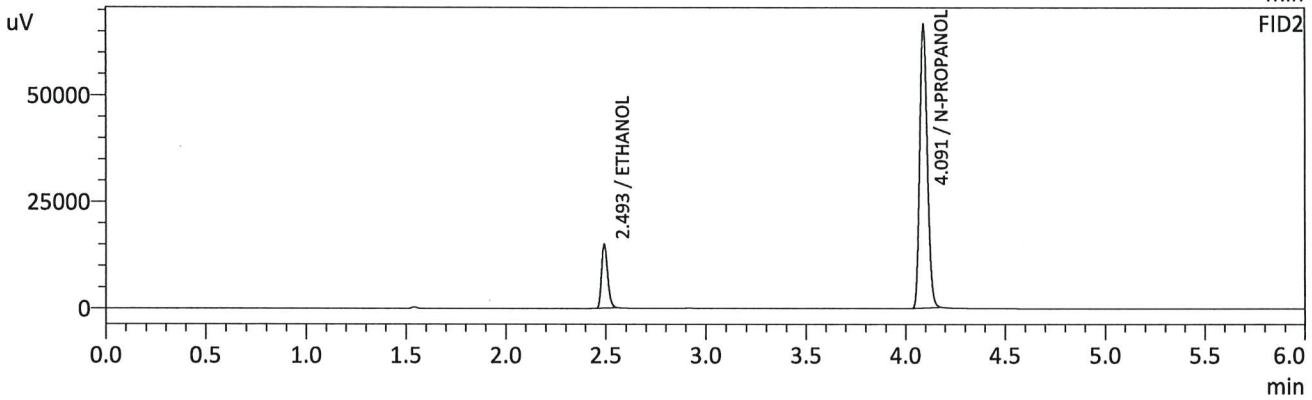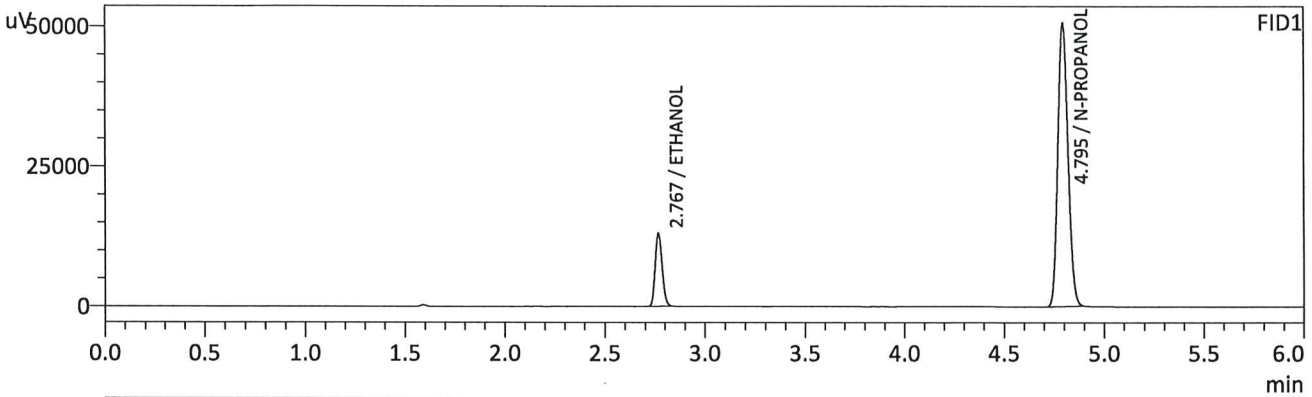

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0815	g/100cc	31591	12954
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180041	50669
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0814	g/100cc	31188	14876
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178816	66560
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1				Analysis Date(s): 12/26/2024 7:19:42 PM(-07:00)		

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2044	0.2048	0.0004	0.2046	0.0017	0.2054
(g/100cc)	0.2061	0.2065	0.0004	0.2063		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122624_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 #   : 31
Data Filename   : QC2-1_12262024_031.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 7:19:42 PM
Date Processed   : 12/27/2024 10:05:22 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
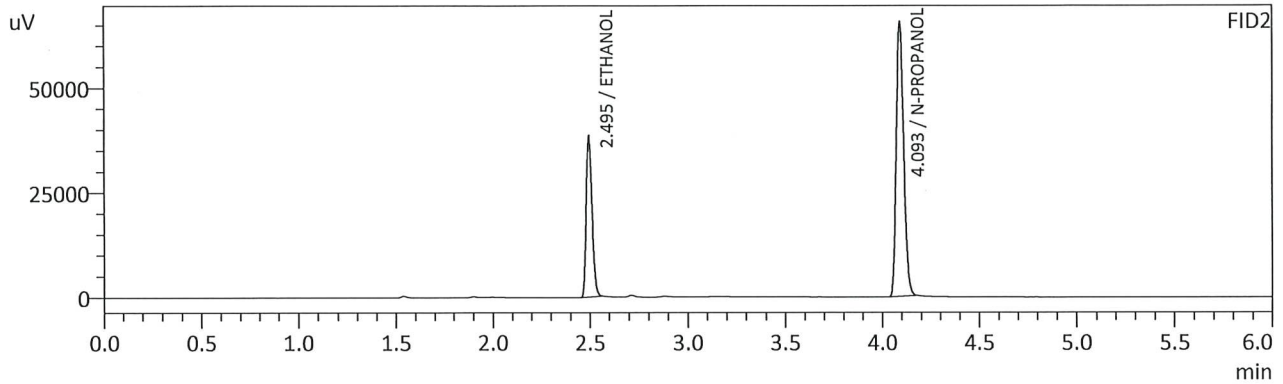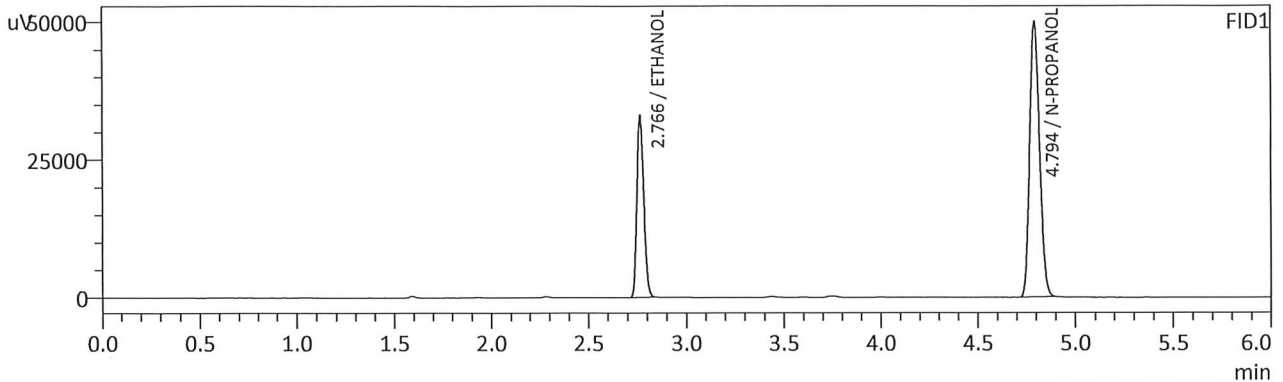
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2044	g/100cc	79939	32930
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177160	49817
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2048	g/100cc	79788	38407
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175755	65136
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC2-1-B
Vial #   : 32
Data Filename   : QC2-1-B_12262024_032.gcd
Method Filename   : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 7:29:13 PM
Date Processed   : 12/27/2024 10:05:31 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
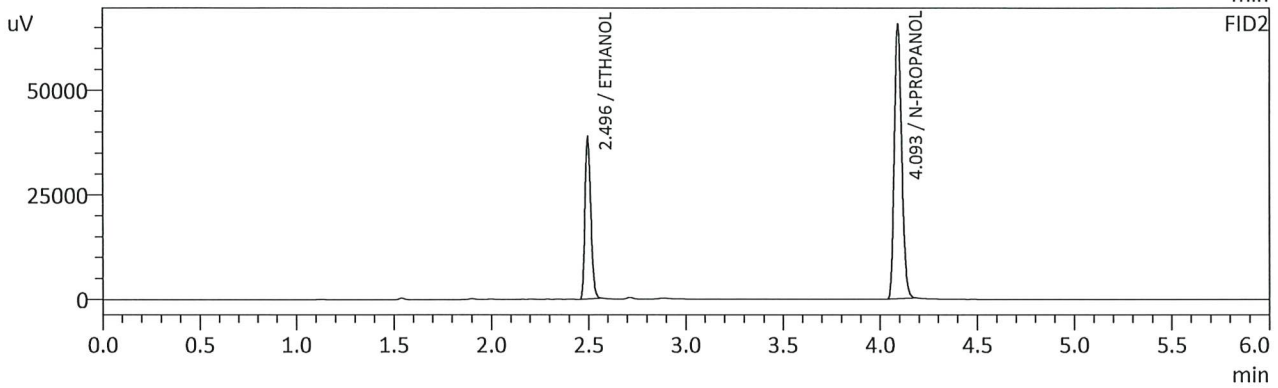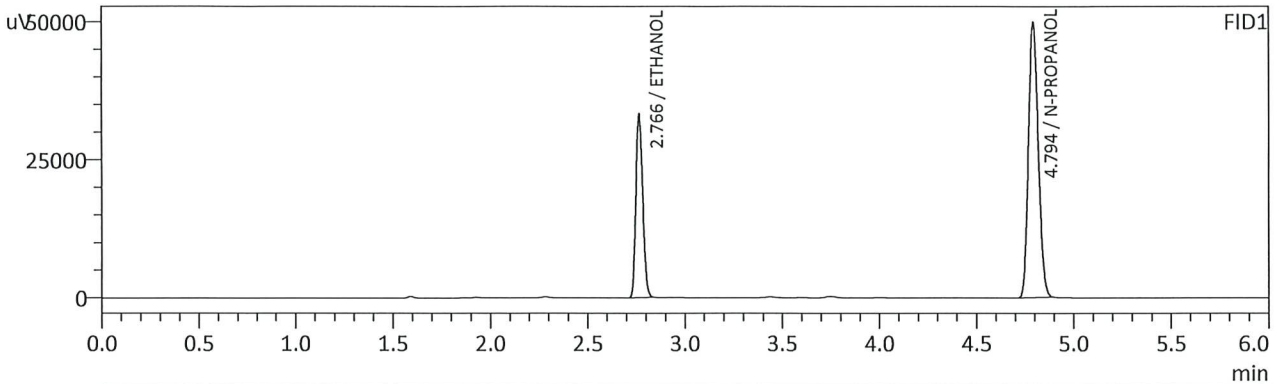
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2061	g/100cc	80529	33154
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176889	49752
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2065	g/100cc	80438	38669
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175681	65026
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2				Analysis Date(s): 12/26/2024 10:49:08 PM(-07:00)	

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2131	0.2133	0.0002	0.2132	0.0020	0.2122
(g/100cc)	0.2110	0.2114	0.0004	0.2112		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122624_RC.gcm

Reporting of Results			Uncertainty of Measurements (UM%): 5.00%	
Overall Mean (g/100cc)	Low	High	5 % of Mean	
0.212	0.201	0.223	0.011	

	Reported Results	
	0.212	

Calibration and control data are stored centrally.

Sample Name : QC2-2
Vial # : 53
Data Filename : QC2-2_12262024_053.gcd
Method Filename : ALCOHOL_122624_RC.gcm
Batch Filename : BATCH_122624_RC.gcb
Date Acquired : 12/26/2024 10:49:08 PM
Date Processed : 12/26/2024 10:55:08 PM
Instrument : GC SN- C12255850662 / HS SN- C12595700014
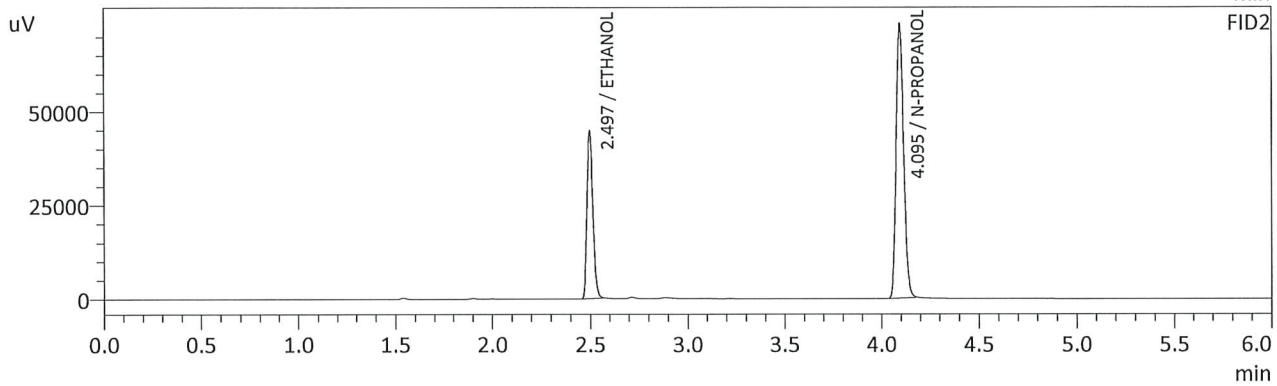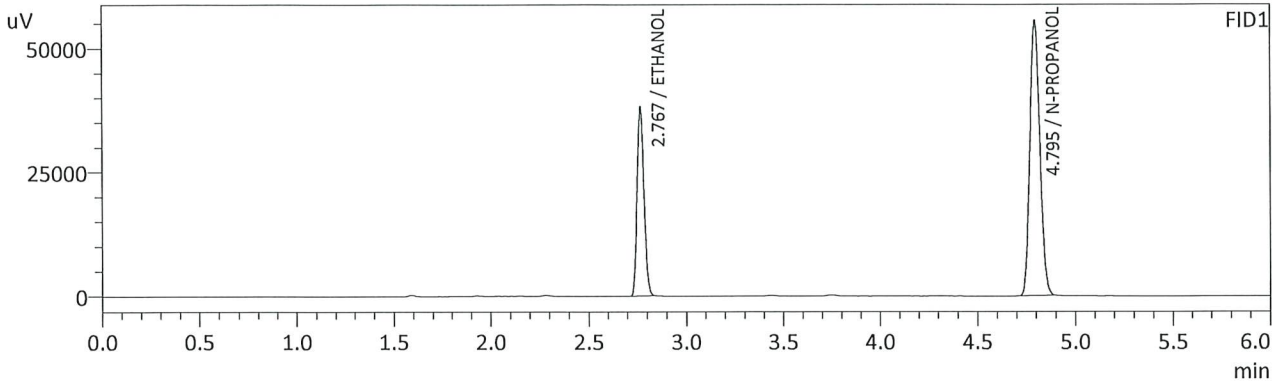
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2131	g/100cc	92593	38085
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196682	55539
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2133	g/100cc	92888	44191
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196230	73243
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC2-2-B
Vial #   : 54
Data Filename   : QC2-2-B_12262024_054.gcd
Method Filename : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 10:58:24 PM
Date Processed   : 12/26/2024 11:04:26 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
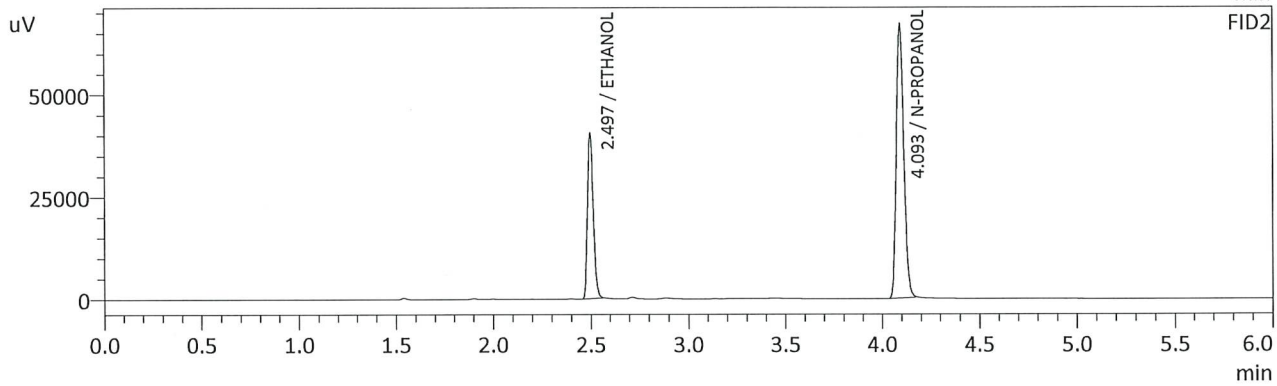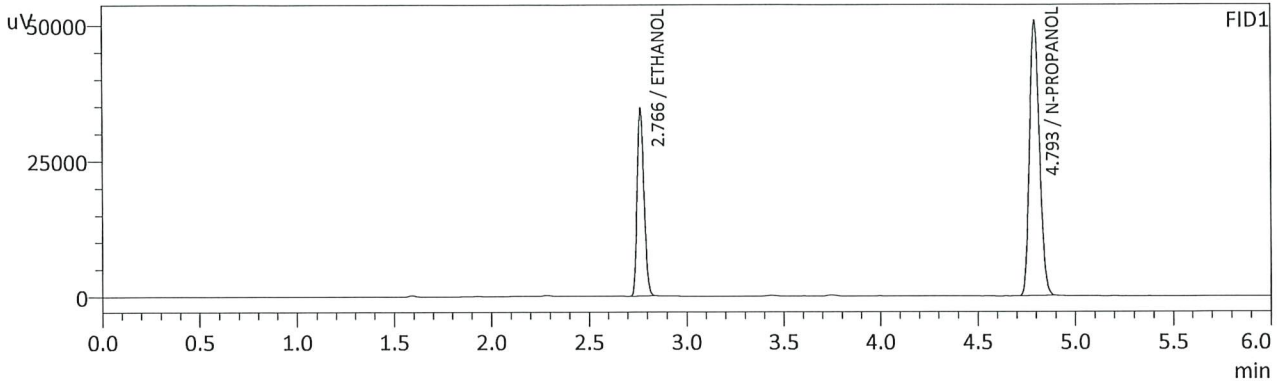

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2110	g/100cc	83834	34513
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179818	50465
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2114	g/100cc	83862	39825
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178828	66482
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 3
Vial #   : 55
Data Filename   : INT STD BLK 3_12262024_055.gcd
Method Filename : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 11:08:14 PM
Date Processed   : 12/26/2024 11:14:15 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
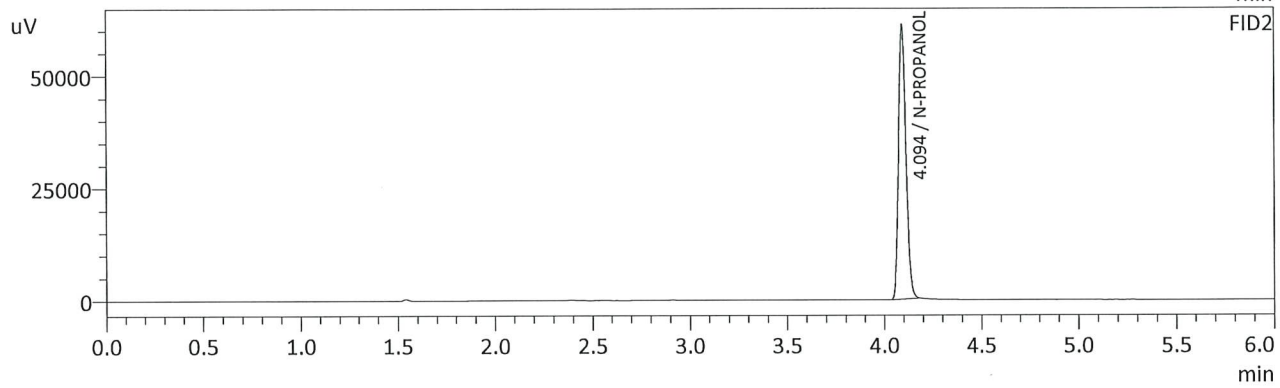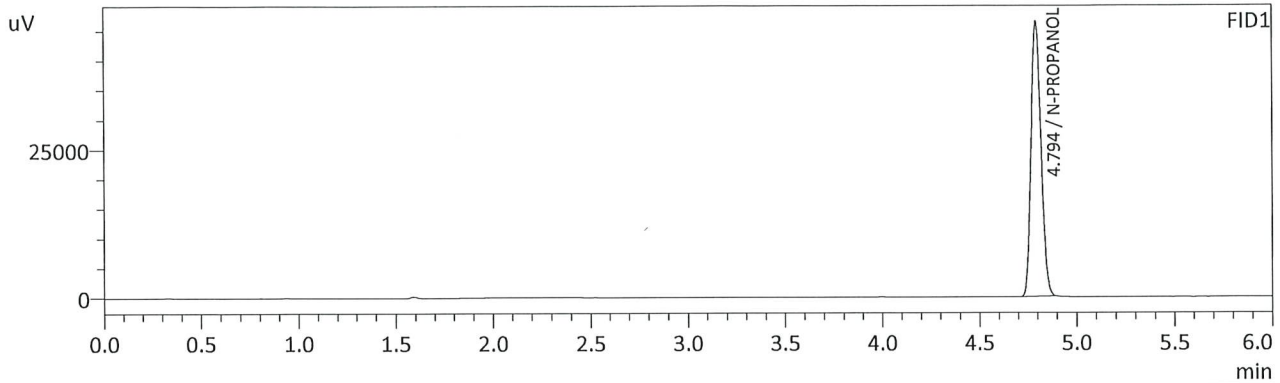

FID1

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	164476	46355
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	163169	60793
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : DFE #OMO4736
Vial #   : 56
Data Filename   : DFE #OMO4736_12262024_056.gcd
Method Filename : ALCOHOL_122624_RC.gcm
Batch Filename   : BATCH_122624_RC.gcb
Date Acquired   : 12/26/2024 11:17:39 PM
Date Processed   : 12/27/2024 10:10:10 AM
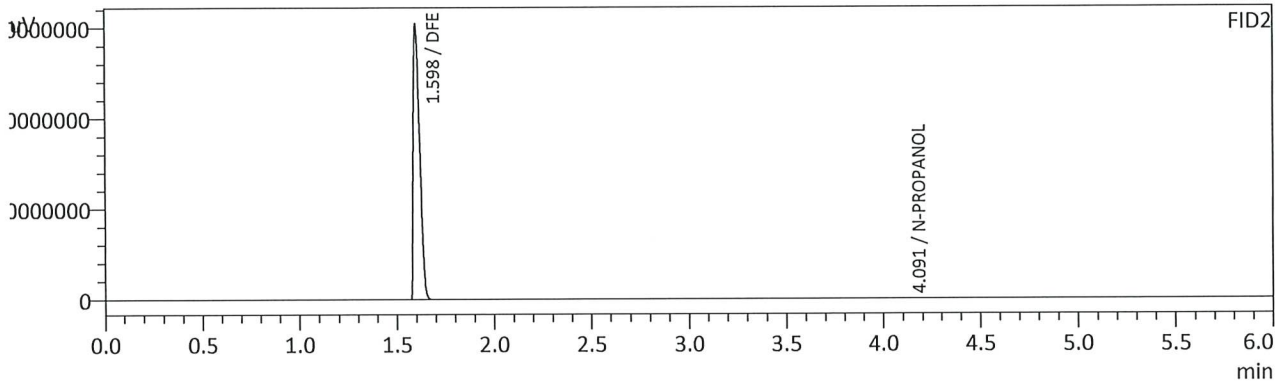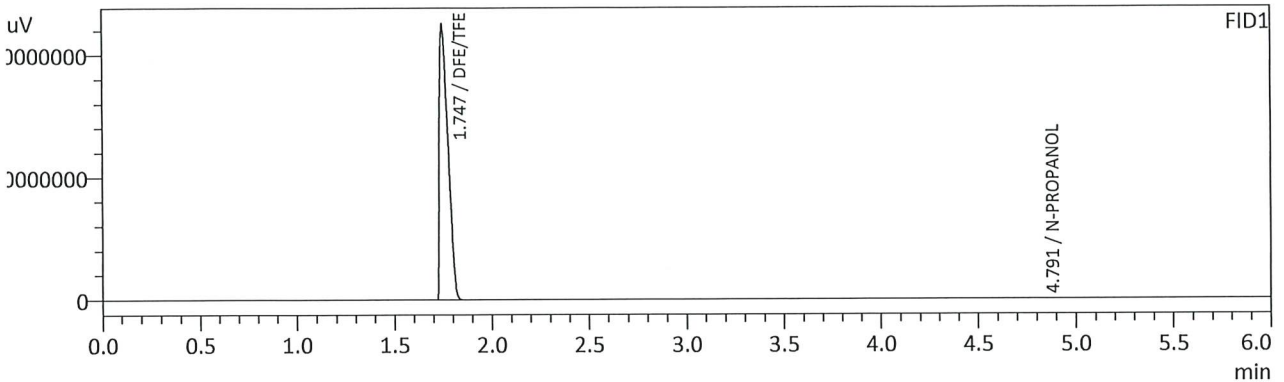Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	228207	63386
DFE/TFE	0.0000	g/100cc	342906975	112207078
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	226172	82782
DFE	0.0000	g/100cc	349946515	151510483
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_122624_RC.gcm		1
2	0.100	1:Standard:(R)	ALCOHOL_122624_RC.gcm		2
3	0.200	1:Standard:(R)	ALCOHOL_122624_RC.gcm		3
4	0.300	1:Standard:(R)	ALCOHOL_122624_RC.gcm		4
5	0.500	1:Standard:(R)	ALCOHOL_122624_RC.gcm		5
6	INT STD BLK 1	0:Unknown	ALCOHOL_122624_RC.gcm		0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_122624_RC.gcm		1
8	INT STD BLK 2	0:Unknown	ALCOHOL_122624_RC.gcm		0
9	QC1-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
10	QC1-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
11	0.08 QA	0:Unknown	ALCOHOL_122624_RC.gcm		0
12	0.08 QA - B	0:Unknown	ALCOHOL_122624_RC.gcm		0
13	P2024-3774-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
14	P2024-3774-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
15	P2024-3776-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
16	P2024-3776-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
17	P2024-3782-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
18	P2024-3782-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
19	P2024-3784-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
20	P2024-3784-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
21	P2024-3798-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
22	P2024-3798-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
23	P2024-3799-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
24	P2024-3799-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
25	P2024-3809-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
26	P2024-3809-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
27	P2024-3810-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
28	P2024-3810-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
29	P2024-3814-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
30	P2024-3814-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
31	QC2-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
32	QC2-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
33	P2024-3815-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
34	P2024-3815-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
35	P2024-3817-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
36	P2024-3817-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
37	P2024-3818-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
38	P2024-3818-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
39	P2024-3819-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
40	P2024-3819-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
41	P2024-3820-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
42	P2024-3820-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
43	P2024-3831-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
44	P2024-3831-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
45	P2024-3836-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
46	P2024-3836-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
47	P2024-3861-3	0:Unknown	ALCOHOL_122624_RC.gcm		0
48	P2024-3861-3-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
49	P2024-3866-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
50	P2024-3866-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
51	P2024-3867-1	0:Unknown	ALCOHOL_122624_RC.gcm		0
52	P2024-3867-1-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
53	QC2-2	0:Unknown	ALCOHOL_122624_RC.gcm		0
54	QC2-2-B	0:Unknown	ALCOHOL_122624_RC.gcm		0
55	INT STD BLK 3	0:Unknown	ALCOHOL_122624_RC.gcm		0
56	DFE #OMO4736	0:Unknown	ALCOHOL_122624_RC.gcm		0