12/5/2024

Worklist: 6986

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION	
P2024-3594	1	BCK	Alcohol Analysis	
P2024-3595	1	BCK	Alcohol Analysis	
P2024-3596	1	BCK	Alcohol Analysis	
P2024-3598	1	BCK	Alcohol Analysis	
P2024-3603	1	BCK	Alcohol Analysis	
P2024-3609	1	BCK	Alcohol Analysis	
P2024-3611	1	BCK	Alcohol Analysis	
P2024-3623	1	BCK	Alcohol Analysis	
P2024-3624	1	BCK	Alcohol Analysis	
P2024-3625	1	BCK	Alcohol Analysis	
P2024-3627	1	BCK	Alcohol Analysis	
P2024-3632	1	BCK	Alcohol Analysis	
P2024-3649	1	BCK	Alcohol Analysis	
P2024-3650	1	BCK	Alcohol Analysis	
P2024-3652	1	BCK	Alcohol Analysis	
P2024-3659	1	BLOOD	Alcohol Analysis	
P2024-3664	1	BCK	Alcohol Analysis	
P2024-3668	1	BCK	Alcohol Analysis	
P2024-3669	1	BCK	Alcohol Analysis	
P2024-3670	1	BCK	Alcohol Analysis	
P2024-3685	1	BCK	Alcohol Analysis	

Also ran P2024-3553 Item 1 from Worklist 6982

Worklist: 6986

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION
P2024-3690	1	BCK	Alcohol Analysis
P2024-3691	1	BCK	Alcohol Analysis
P2024-3694	1	BCK	Alcohol Analysis

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls
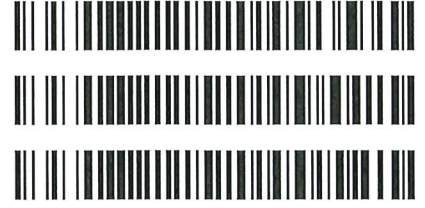
Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls

Run Date(s): **12/4/24**

Calibration Date: *(if different)* :

Worklist #: **6986**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0819	g/100cc
					0.0886	g/100cc
					0.0903	g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2075	g/100cc
						g/100cc
						g/100cc

Multi-Component mixture: Exp: **2028 May** Lot # FN02162310 OK

Curve Fit:	Column 1	0.99992	Column2	0.99991

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0512	0.0515	0.0003	0.0513
100	0.100	0.090 - 0.110	0.1005	0.1004	0.0001	0.1004
200	0.200	0.180 - 0.220	0.1985	0.1983	0.0002	0.1984
300	0.300	0.270 - 0.330	0.2981	0.2980	1E-04	0.298
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5014	0.5015	1E-04	0.5014

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results	
80	0.080	0.076 - 0.084	0.081	g/100cc

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

Internal Standard Monitoring Worksheet

Worklist #:	6986	Run Date(s):	12/4/24

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

Sample Name	Column 1 Value	Column 2 Value
0.080	181137	179253
0.080	181096	179151
QC1	183385	181741
QC1	182846	180989
QC1	191159	190186
QC1	188572	187697
QC1	189400	188810
QC1	196789	196165
QC2	177298	176124
QC2	179817	178565
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	185149.9	148119.9	222179.9
Column 2	183868.1	147094.5	220641.7

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

<<Data File>>
Method File   :Default Project - ALCOHOL_120424_RC.gcm
Batch File   :Default Project - BATCH_120424_RC.gcb
Date Acquired   :12/4/2024 3:14:15 PM
Date Created   :12/4/2024 3:10:45 PM
Date Modified   :12/4/2024 3:20:16 PM

Not Ready

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

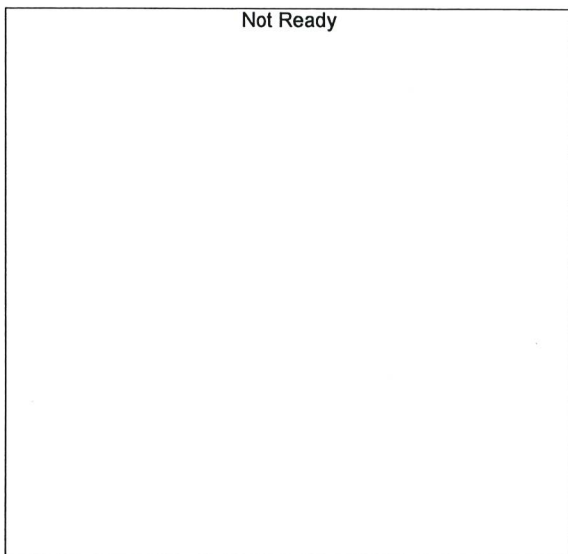| #	Conc.	Area	Std. Conc.	Data File Name

Not Ready

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

#	Conc.	Area	Std. Conc.	Data File Name

Area Ratio
[*10^0]
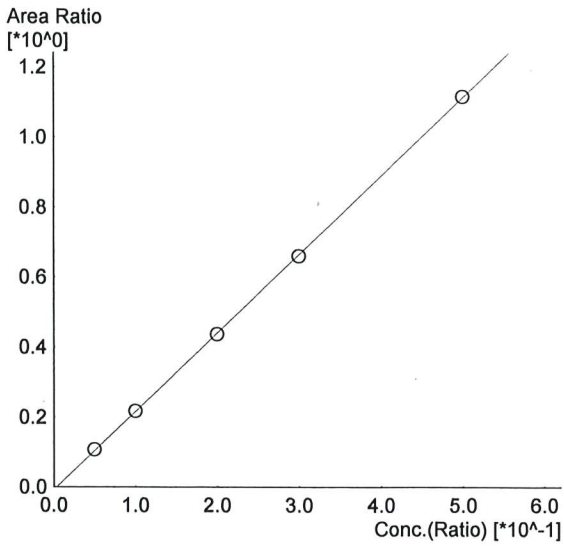
Name : ETHANOL
Detector Name: FID1
Function : $f(x)=2.24011*x-0.00802893$
R^2 value= 0.9999246 ✓
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19265	0.0512	0.050_1242024_001.gcd
2	0.100	39422	0.1005	0.100_1242024_002.gcd
3	0.200	80043	0.1985	0.200_1242024_003.gcd
4	0.300	121151	0.2981	0.300_1242024_004.gcd
5	0.500	205007	0.5014	0.500_1242024_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
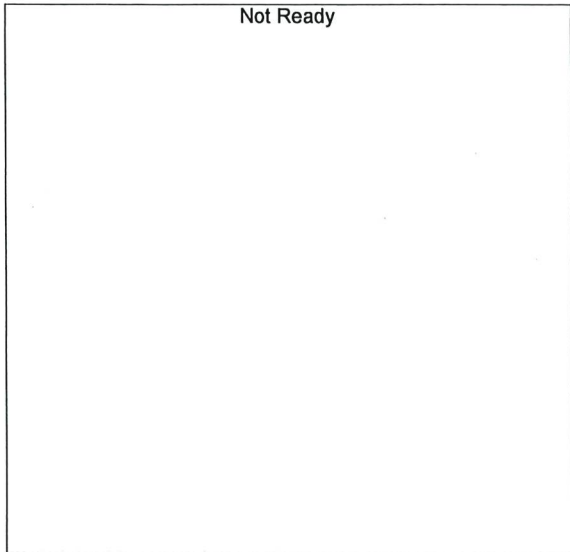R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	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

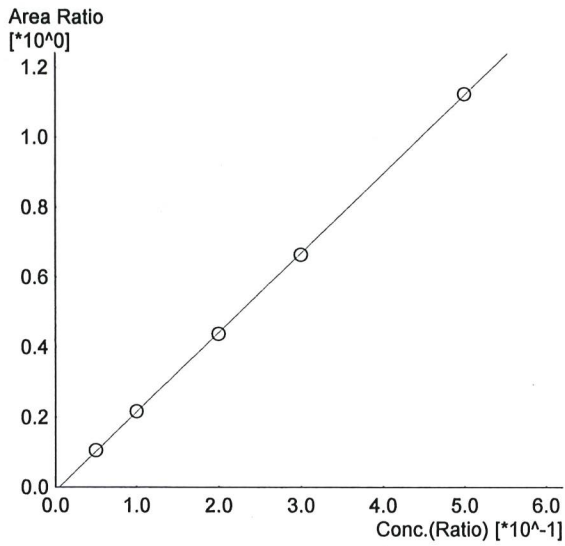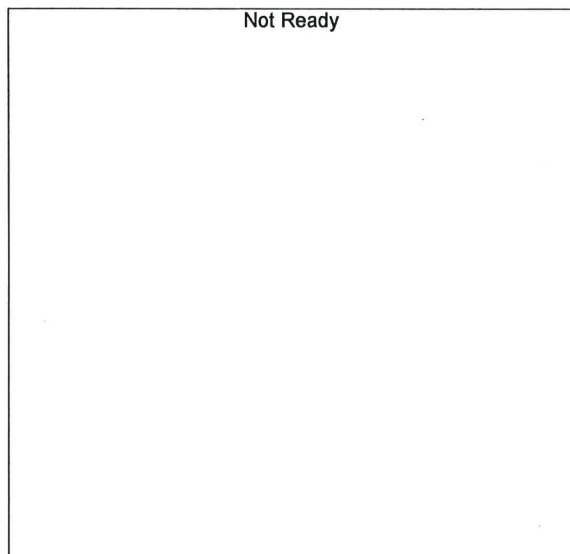| #	Conc.	Area	Std. Conc.	Data File Name

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]

Conc.(Ratio) [*10^-1]

Name : ETHANOL
Detector Name: FID2
Function : f(x)=2.26232*x-0.0110177
R^2 value= 0.9999113
FitType: Linear
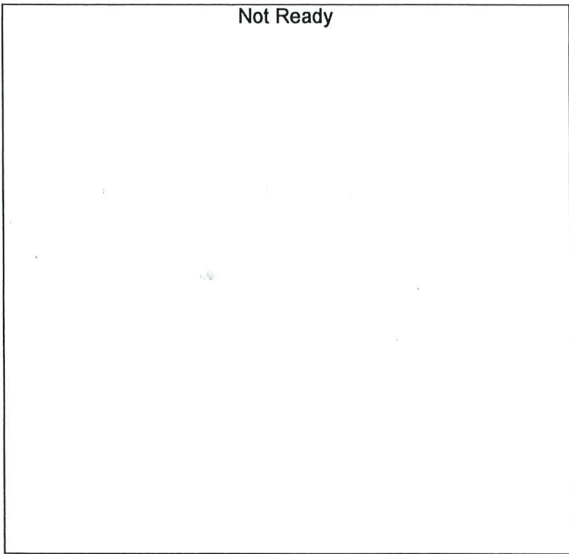**ZeroThrough: Not Through**

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18939	0.0515	0.050_1242024_001.gcd
2	0.100	39053	0.1004	0.100_1242024_002.gcd
3	0.200	79856	0.1983	0.200_1242024_003.gcd
4	0.300	121443	0.2980	0.300_1242024_004.gcd
5	0.500	206228	0.5015	0.500_1242024_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
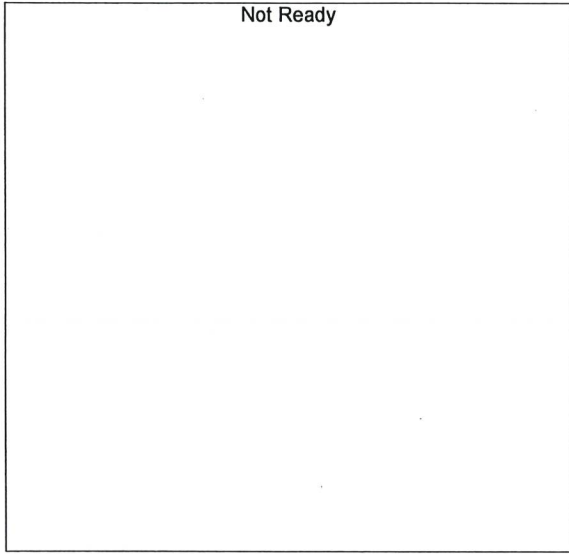
Name : DFE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	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_1242024_001.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 2:36:07 PM
Date Processed   : 12/5/2024 7:59:29 AM
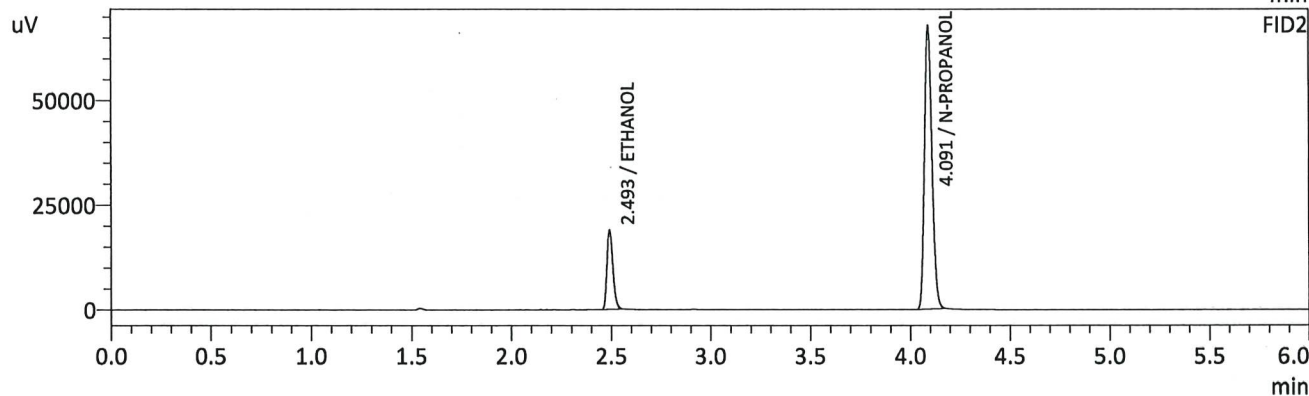Instrument   : GC SN- C12255850662 / HS SN- C12595700014
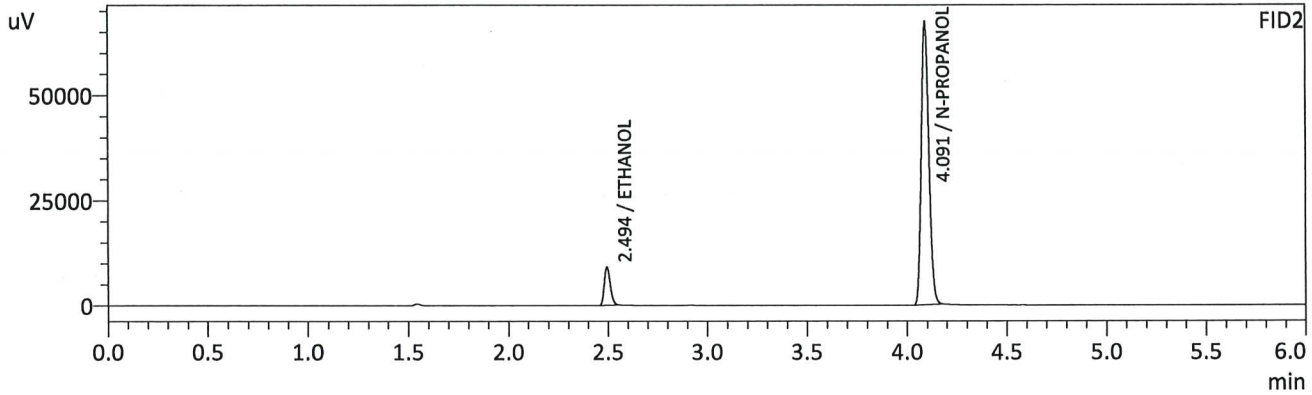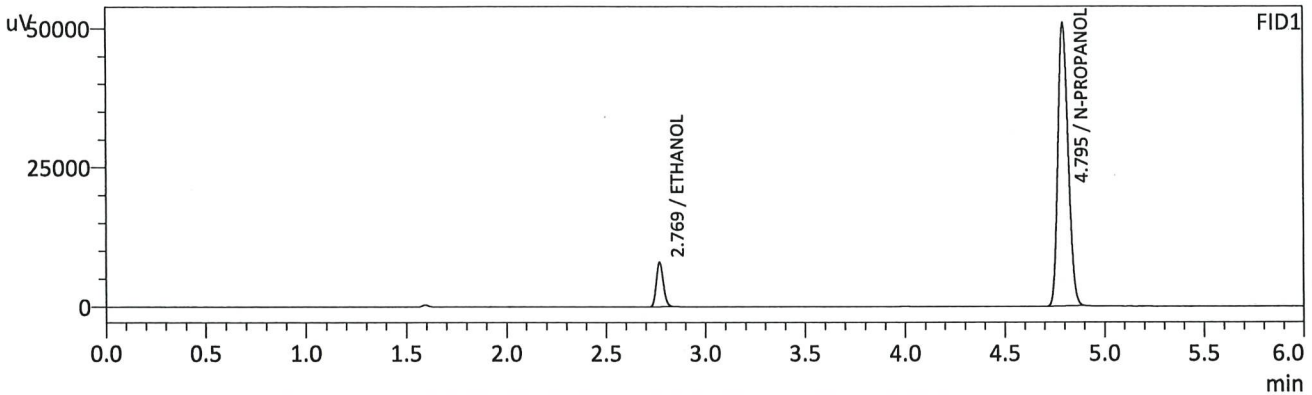
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0512	g/100cc	19265	7958
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180271	50882
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0515	g/100cc	18939	9097
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179477	67335
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.100
Vial #   : 2
Data Filename   : 0.100_1242024_002.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 2:45:38 PM
Date Processed   : 12/5/2024 7:59:34 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
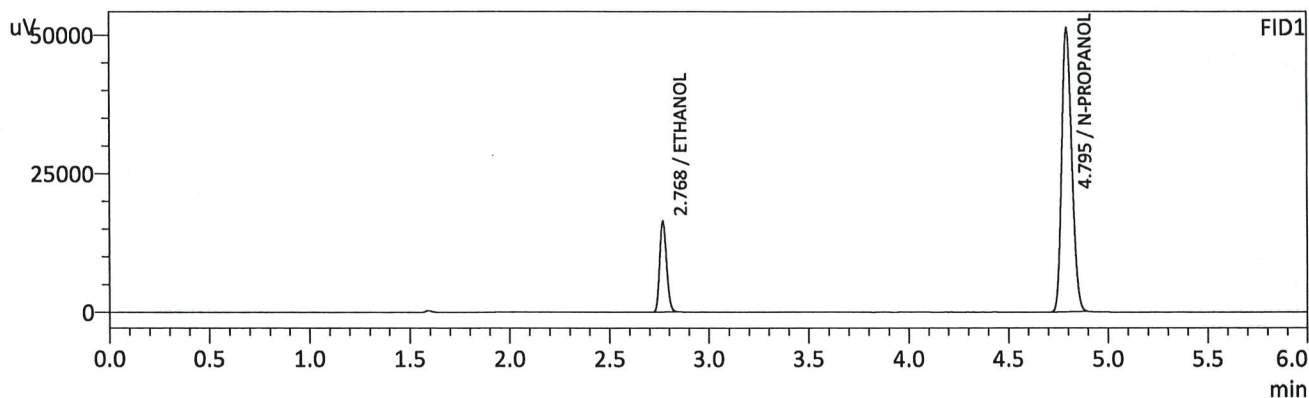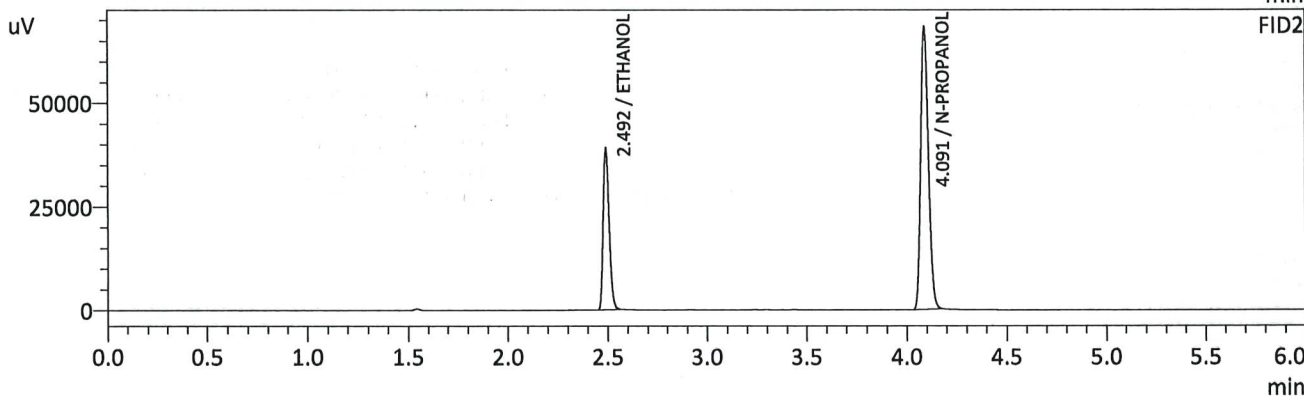

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1005	g/100cc	39422	16208
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181457	51165
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1004	g/100cc	39053	18702
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180524	67696
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.200
Vial #   : 3
Data Filename   : 0.200_1242024_003.gcd
Method Filename : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 2:54:58 PM
Date Processed   : 12/5/2024 7:59:38 AM
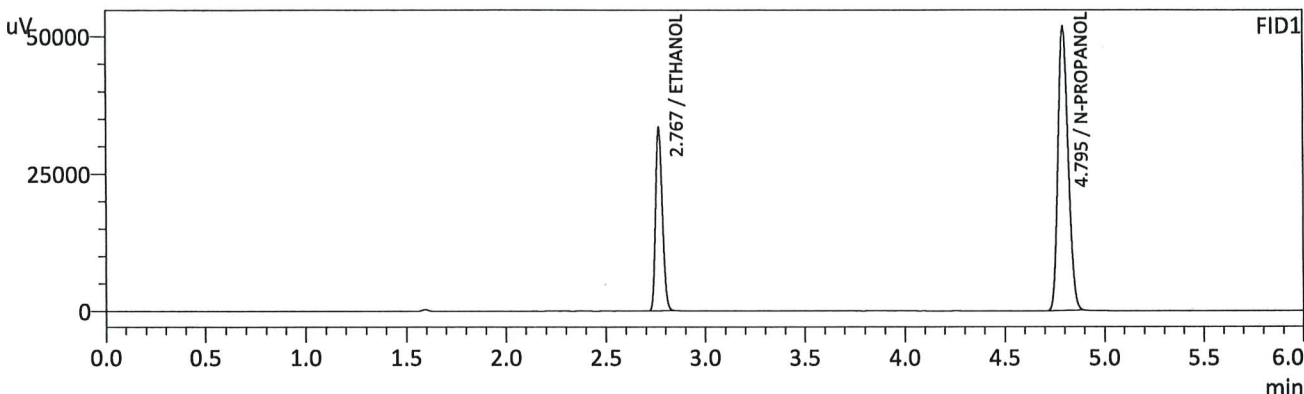Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1985	g/100cc	80043	33229
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183277	51733
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1983	g/100cc	79856	38755
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182445	68269
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.300
Vial #   : 4
Data Filename   : 0.300_1242024_004.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 3:04:42 PM
Date Processed   : 12/5/2024 7:59:42 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
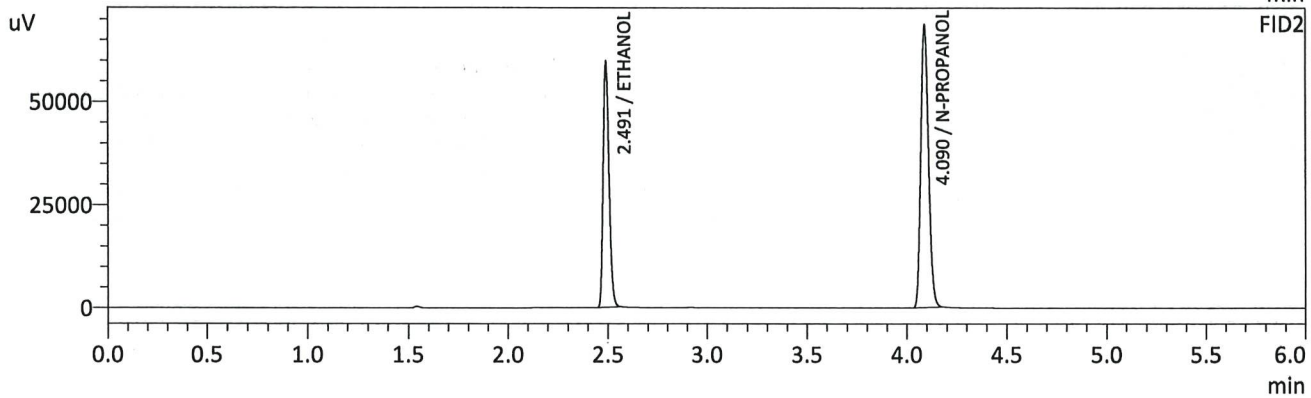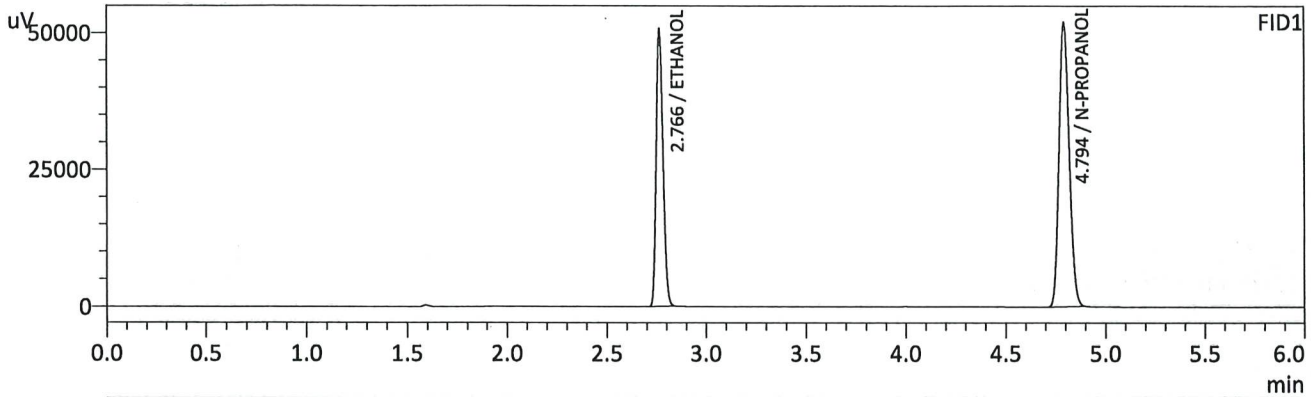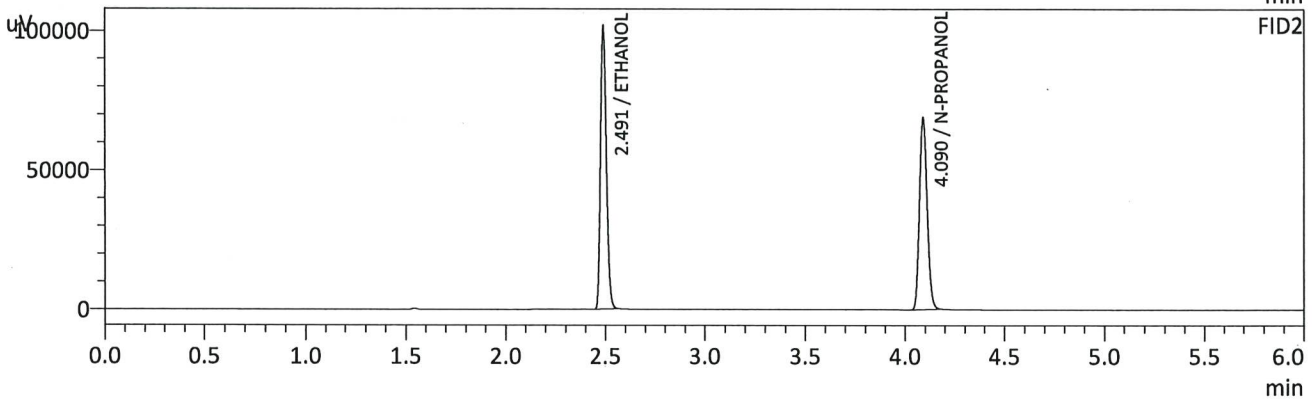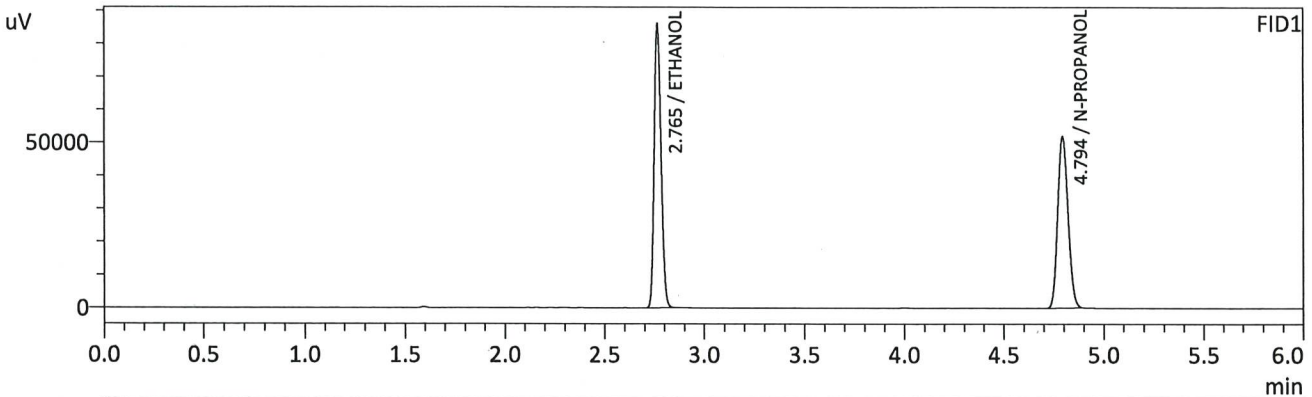

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2981	g/100cc	121151	50554
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183604	51815
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2980	g/100cc	121443	59370
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183074	68450
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.500
Vial #   : 5
Data Filename   : 0.500_1242024_005.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 3:14:15 PM
Date Processed   : 12/4/2024 3:20:16 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	205007	85859
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183817	51798
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5015	g/100cc	206228	101324
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183531	68882
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 1
Vial #   : 6
Data Filename   : INT STD BLK 1_1242024_006.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 3:23:32 PM
Date Processed   : 12/4/2024 3:29:34 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
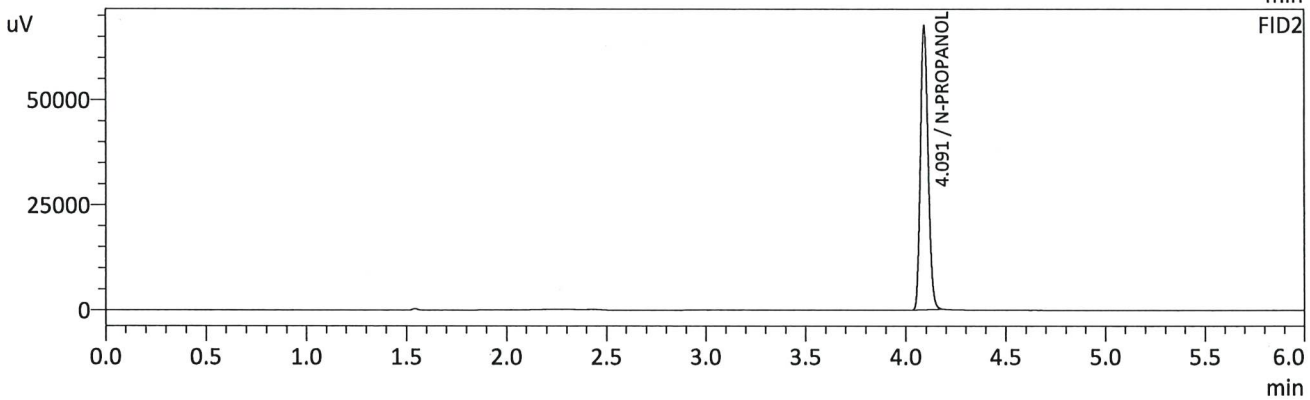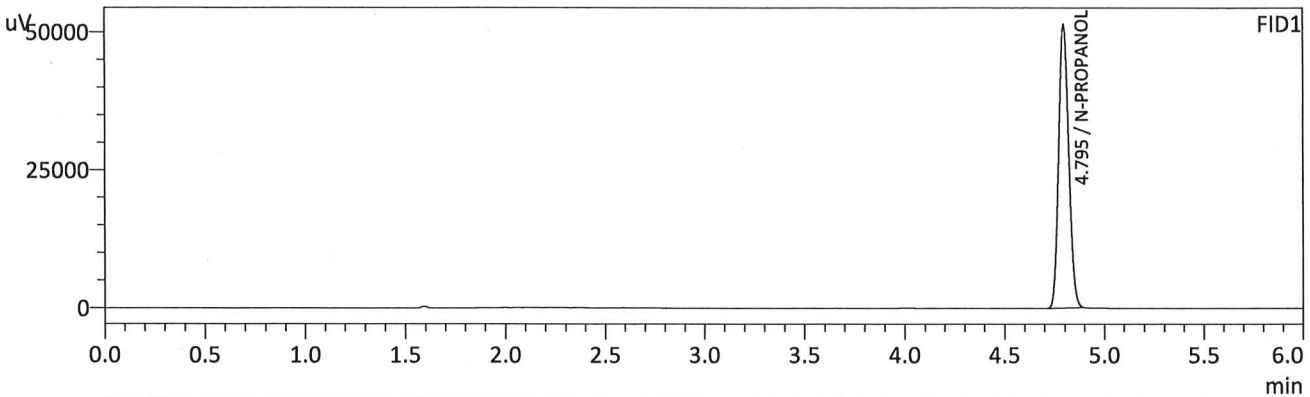
FID1

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	181465	51380
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	179960	67431
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : MULTI-COMP MIX
Vial #   : 7
Data Filename   : MULTI-COMP MIX_1242024_007.gcd
Method Filename : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 3:33:17 PM
Date Processed   : 12/4/2024 3:39:17 PM
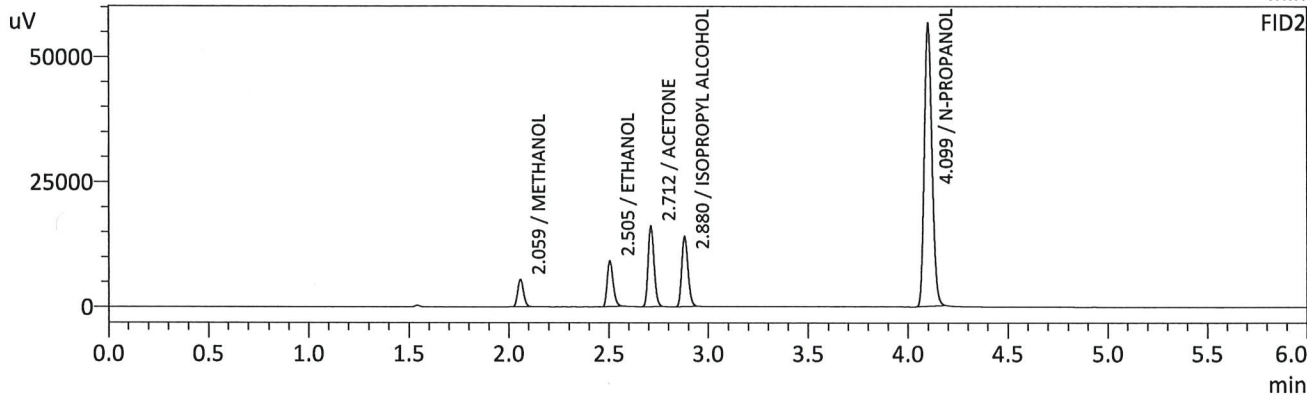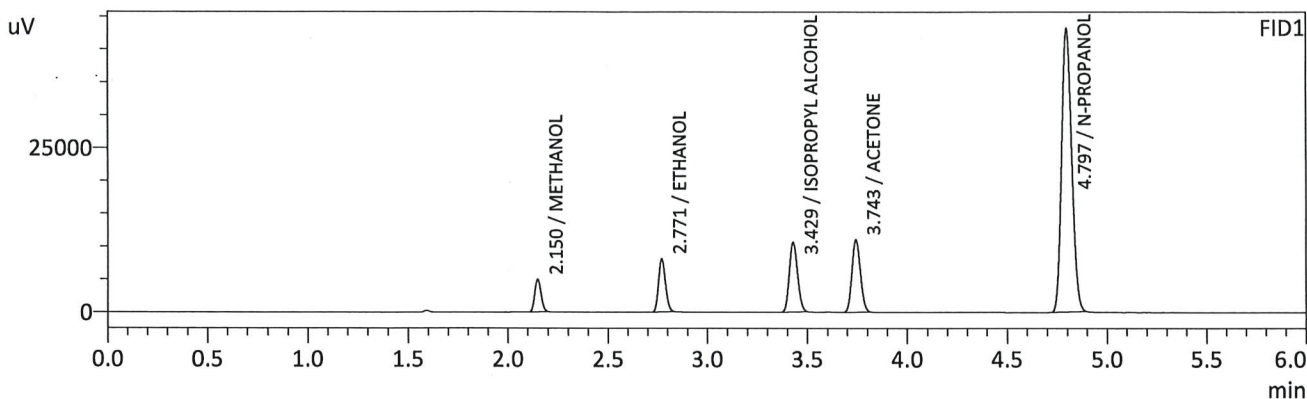Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	10796	4905
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0606	g/100cc	19456	8035
ISOPROPYL ALCOHOL	0.0000	g/100cc	30055	10553
ACETONE	0.0000	g/100cc	32168	10954
N-PROPANOL	0.0000	g/100cc	152267	43003
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	11136	5395
ETHANOL	0.0608	g/100cc	19069	9100
ACETONE	0.0000	g/100cc	33273	15878
ISOPROPYL ALCOHOL	0.0000	g/100cc	30488	13942
N-PROPANOL	0.0000	g/100cc	150703	56639
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 2
Vial #   : 8
Data Filename   : INT STD BLK 2_1242024_008.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 3:42:48 PM
Date Processed   : 12/4/2024 3:48:51 PM
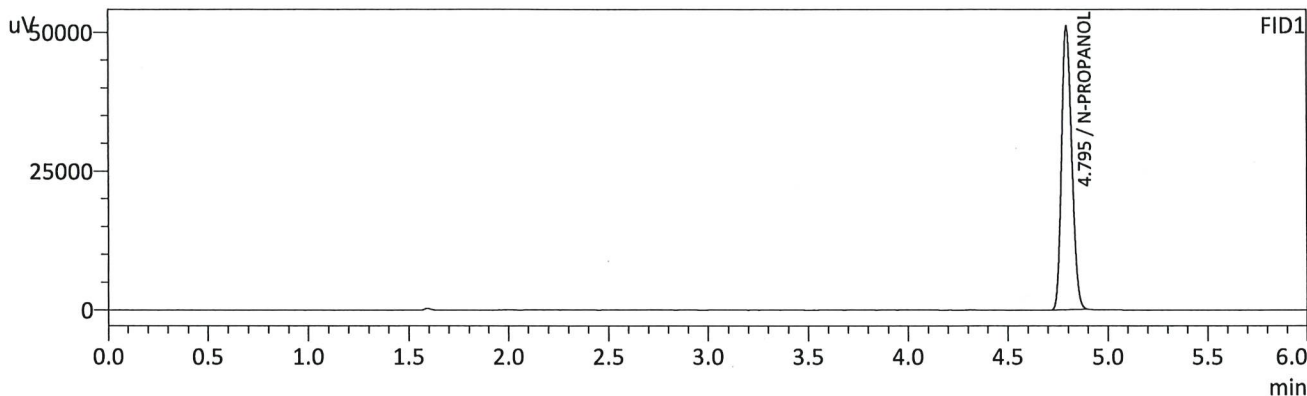Instrument   : GC SN- C12255850662 / HS SN- C12595700014
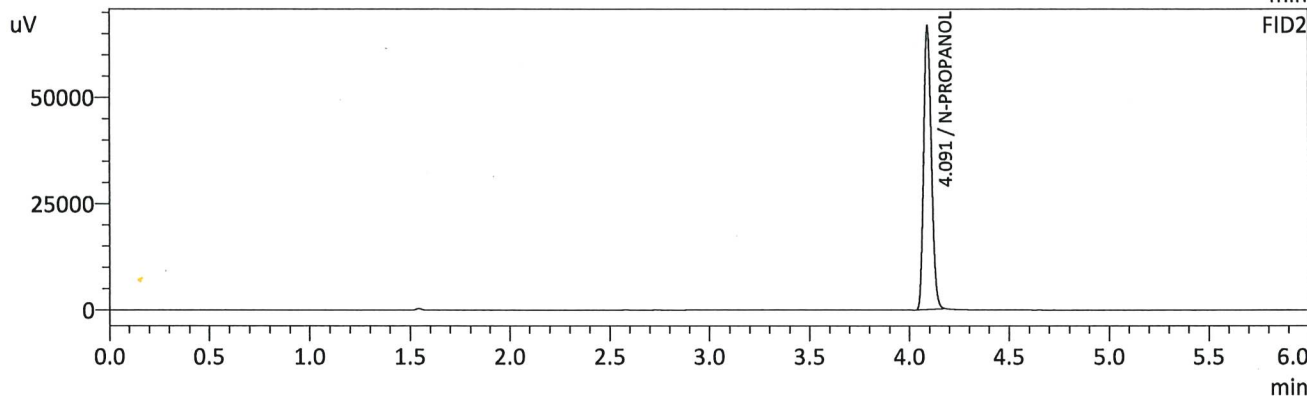
FID1

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	180278	51029
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	178176	66712
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1				Analysis Date(s): 12/4/2024 3:52:07 PM(-07:00)		

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0820	0.0818	0.0002	0.0819	0.0001	0.0819
(g/100cc)	0.0821	0.0819	0.0002	0.0820		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

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

	Reported Results	
	0.081	

Calibration and control data are stored centrally.

Sample Name   : QC1-1
Vial #   : 9
Data Filename   : QC1-1_1242024_009.gcd
Method Filename : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 3:52:07 PM
Date Processed   : 12/4/2024 3:58:09 PM
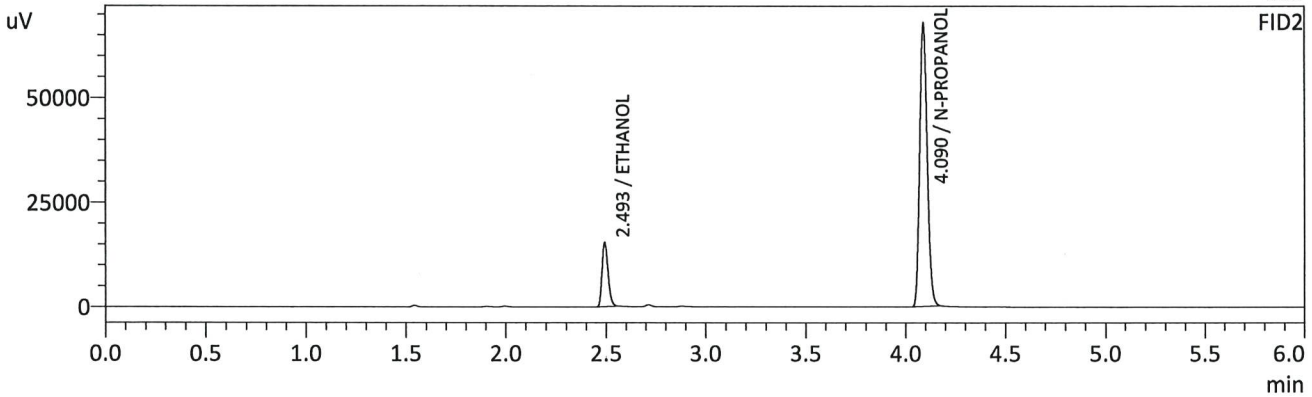Instrument   : GC SN- C12255850662 / HS SN- C12595700014
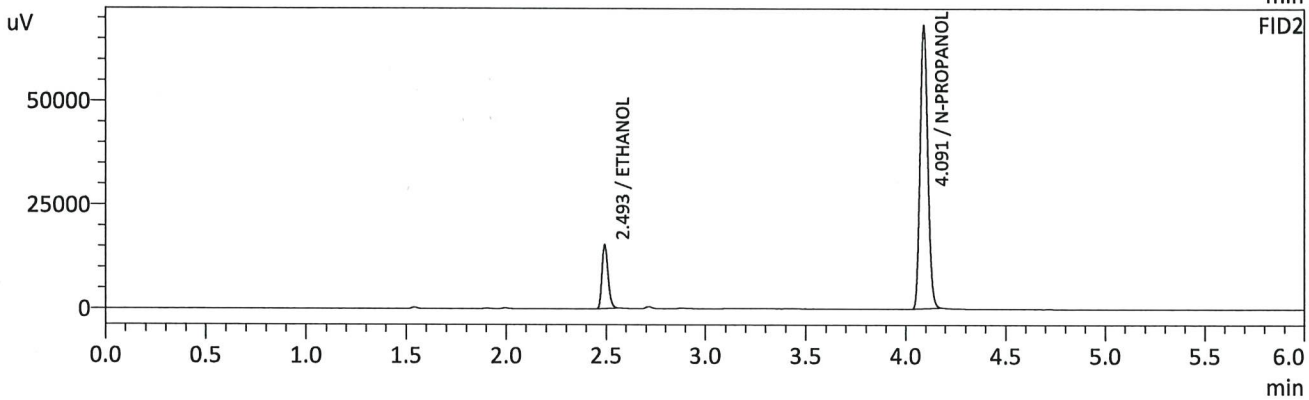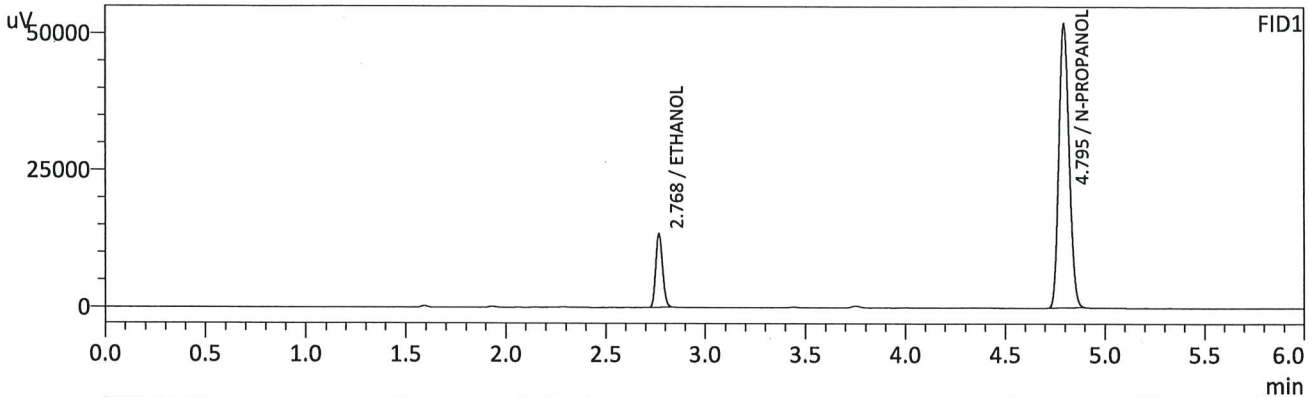
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	32235	13259
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183385	51895
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	31663	15188
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181741	68156
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC1-1-B
Vial #   : 10
Data Filename   : QC1-1-B_1242024_010.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 4:01:52 PM
Date Processed   : 12/4/2024 4:07:54 PM
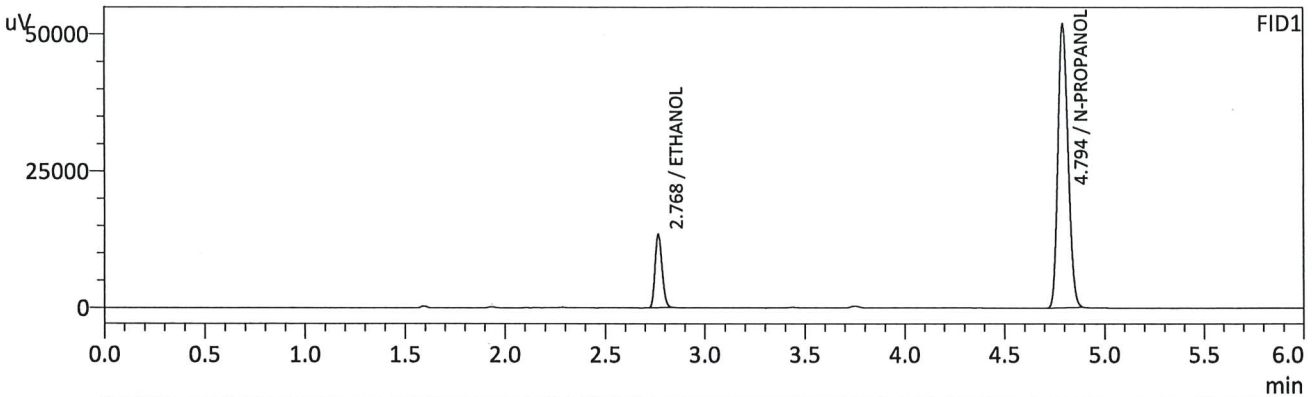Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0821	g/100cc	32162	13232
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182846	51777
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0819	g/100cc	31574	15174
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180989	67754
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA				Analysis Date(s): 12/4/2024 4:11:24 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0811	0.0810	0.0001	0.0810	0.0002	0.0811
(g/100cc)	0.0813	0.0812	0.0001	0.0812		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_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 _1242024_011.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 4:11:24 PM
Date Processed   : 12/4/2024 4:17:24 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
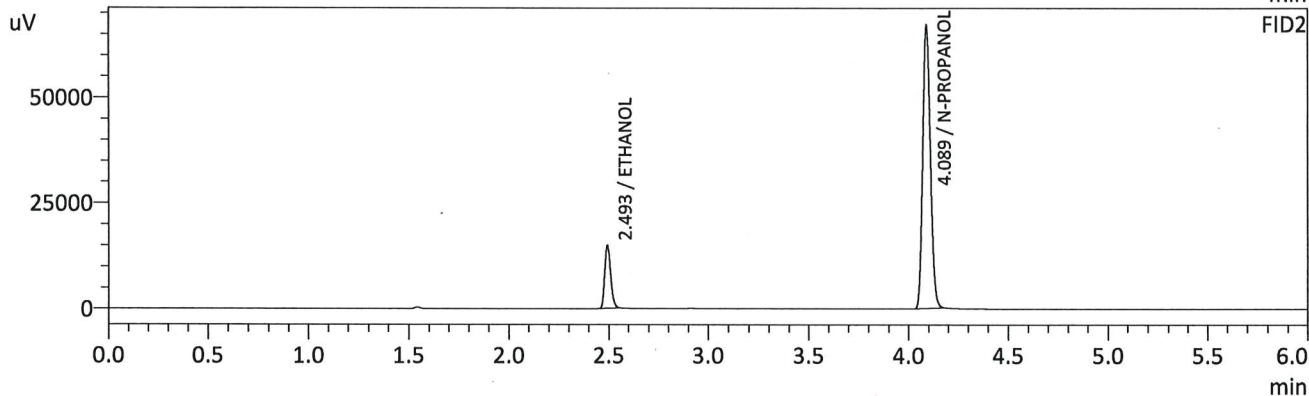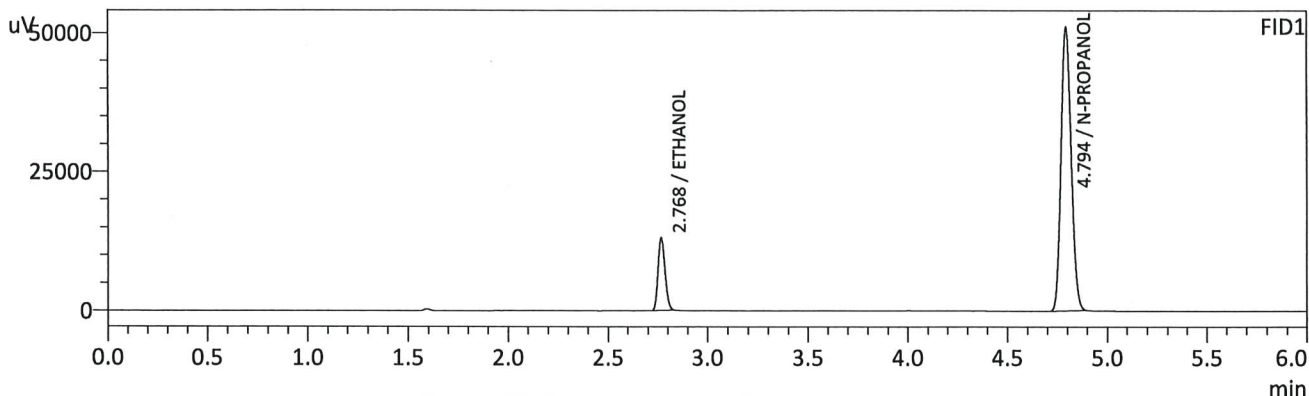
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	31461	12931
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181137	50997
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	30902	14800
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179253	66924
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.08 QA - B
Vial #   : 12
Data Filename   : 0.08 QA - B_1242024_012.gcd
Method Filename : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 4:20:40 PM
Date Processed   : 12/4/2024 4:26:42 PM
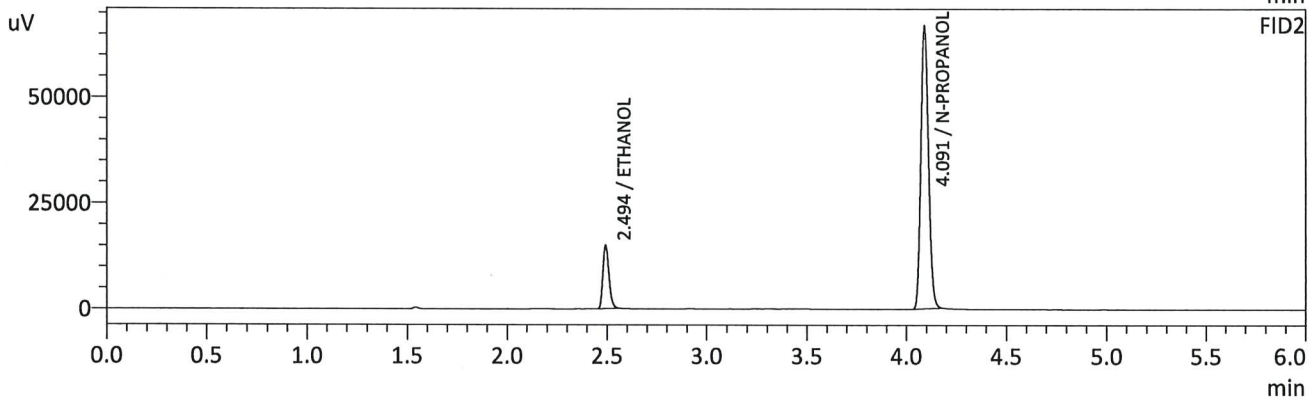Instrument   : GC SN- C12255850662 / HS SN- C12595700014
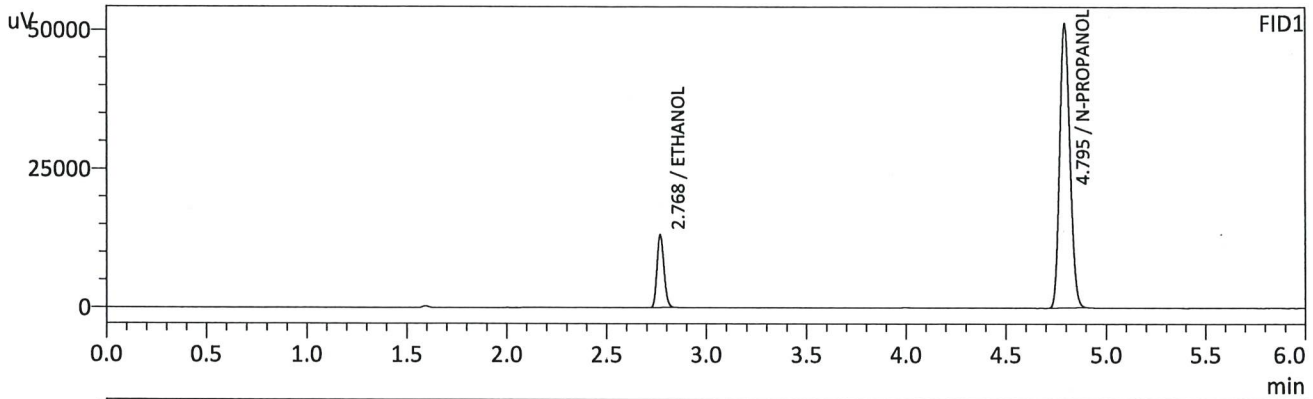

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	31546	12983
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181096	51221
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	30960	14883
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179151	66878
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC2-1 | | | | Analysis Date(s): 12/4/2024 7:21:48 PM(-07:00) | | |

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2077	0.2082	0.0005	0.2079	0.0008	0.2075
(g/100cc)	0.2069	0.2073	0.0004	0.2071		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_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_1242024_031.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 7:21:48 PM
Date Processed   : 12/4/2024 7:27:50 PM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
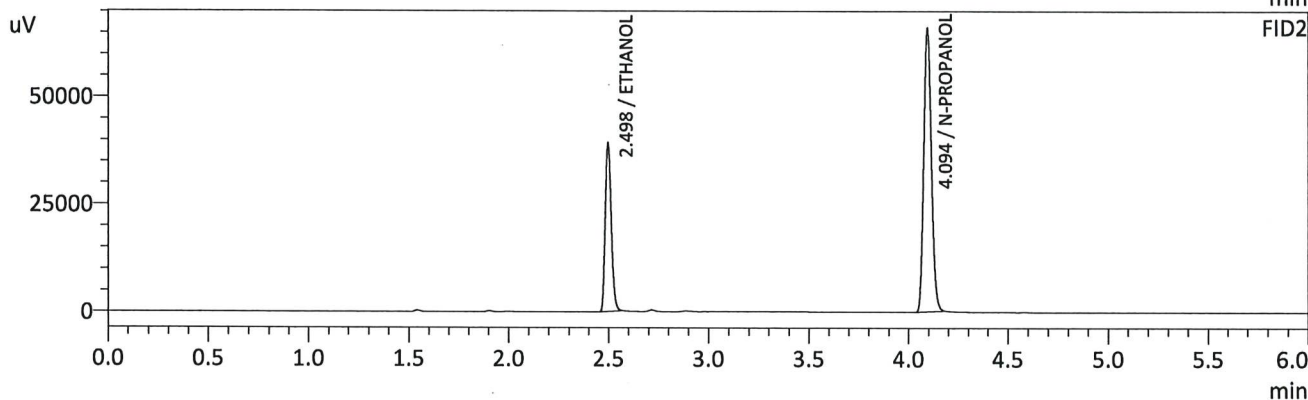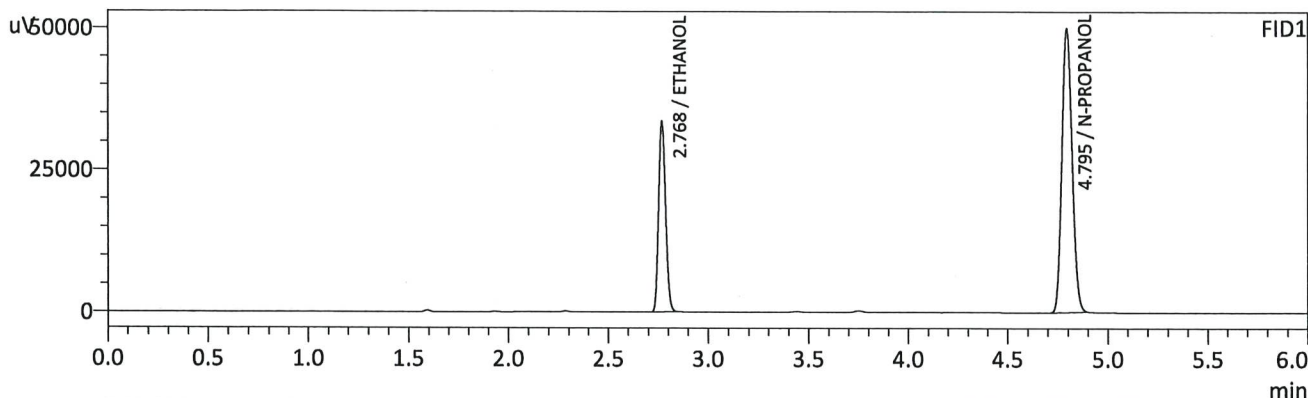
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2077	g/100cc	81086	33163
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177298	49917
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2082	g/100cc	81048	38841
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176124	65885
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC2-1-B
Vial #   : 32
Data Filename   : QC2-1-B_1242024_032.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 7:31:20 PM
Date Processed   : 12/4/2024 7:37:22 PM
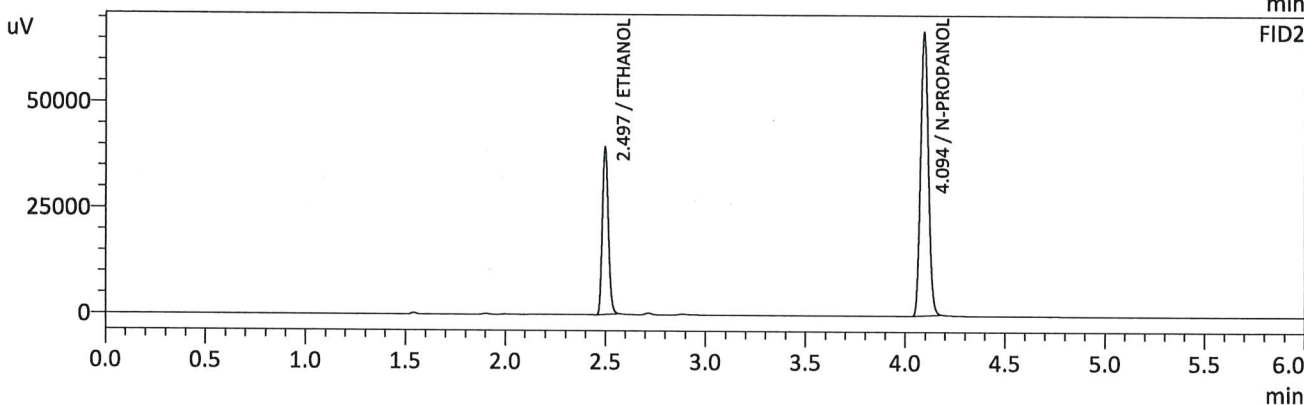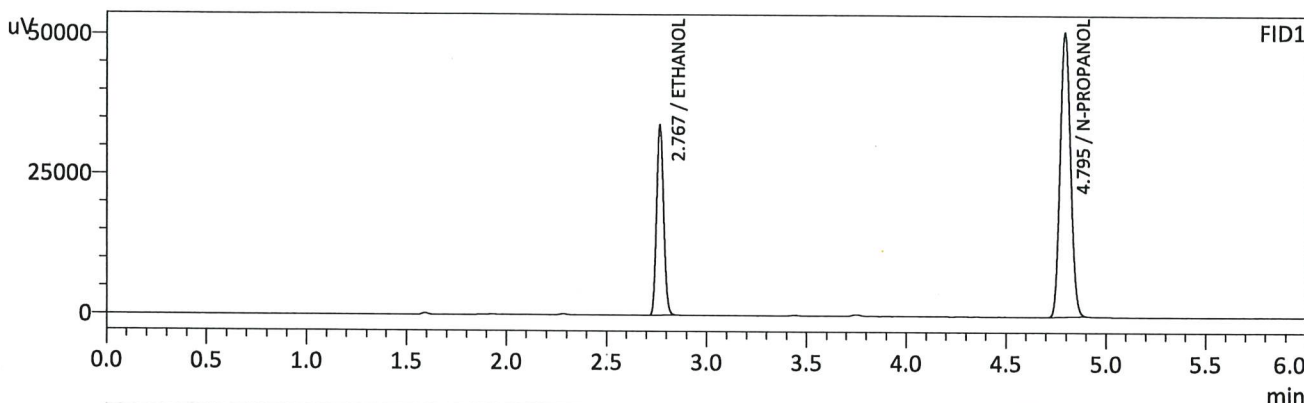Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2069	g/100cc	81924	33583
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179817	50666
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2073	g/100cc	81784	39028
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178565	66677
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2				Analysis Date(s): 12/4/2024 10:51:16 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0888	0.0881	0.0007	0.0884	0.0003	0.0886
(g/100cc)	0.0889	0.0886	0.0003	0.0887		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

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

	Reported Results	
	0.088	

Calibration and control data are stored centrally.

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Sample Name   : QC1-2
Vial #   : 53
Data Filename   : QC1-2_1242024_053.gcd
Method Filename : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 10:51:16 PM
Date Processed   : 12/4/2024 10:57:17 PM
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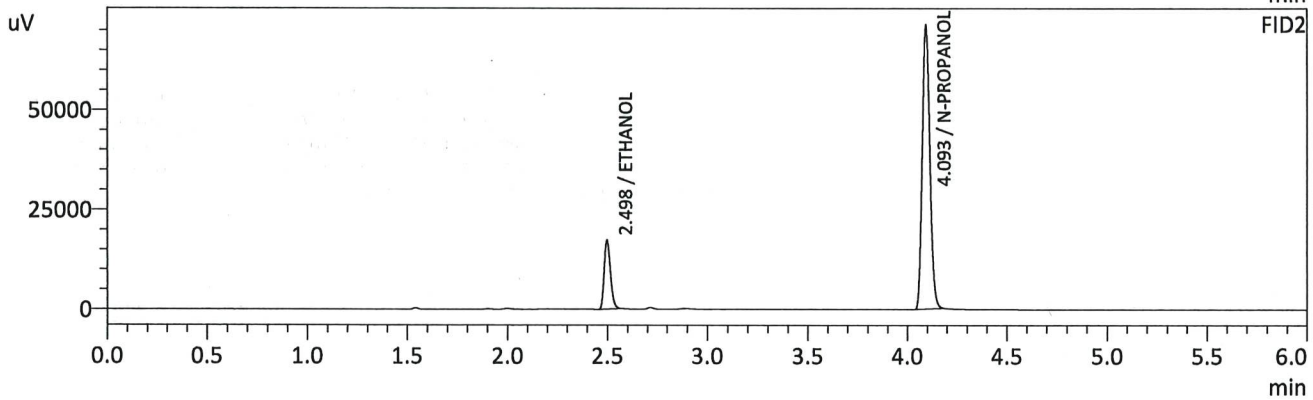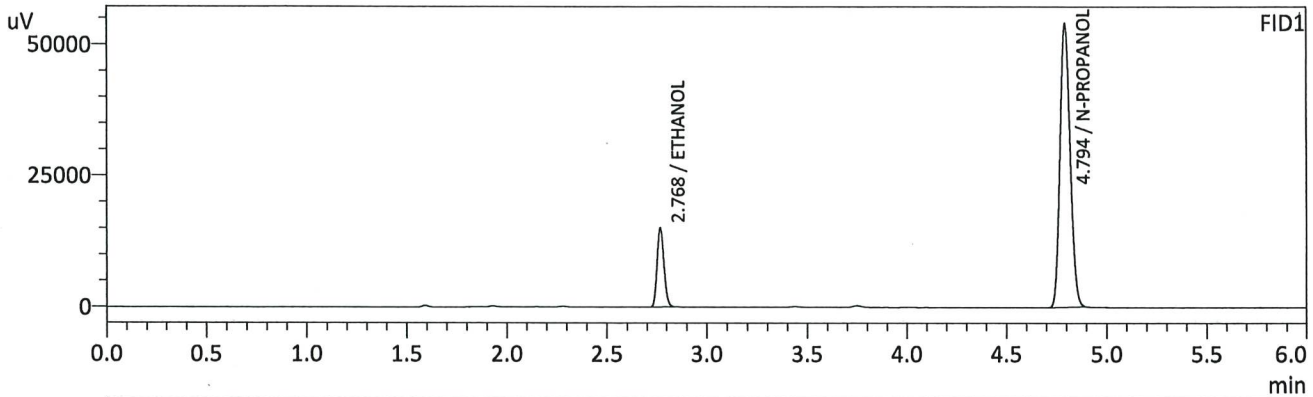
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0888	g/100cc	36507	14912
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	191159	53894
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0881	g/100cc	35840	17147
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	190186	70784
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC1-2-B
Vial #   : 54
Data Filename   : QC1-2-B_1242024_054.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/4/2024 11:00:33 PM
Date Processed   : 12/4/2024 11:06:34 PM
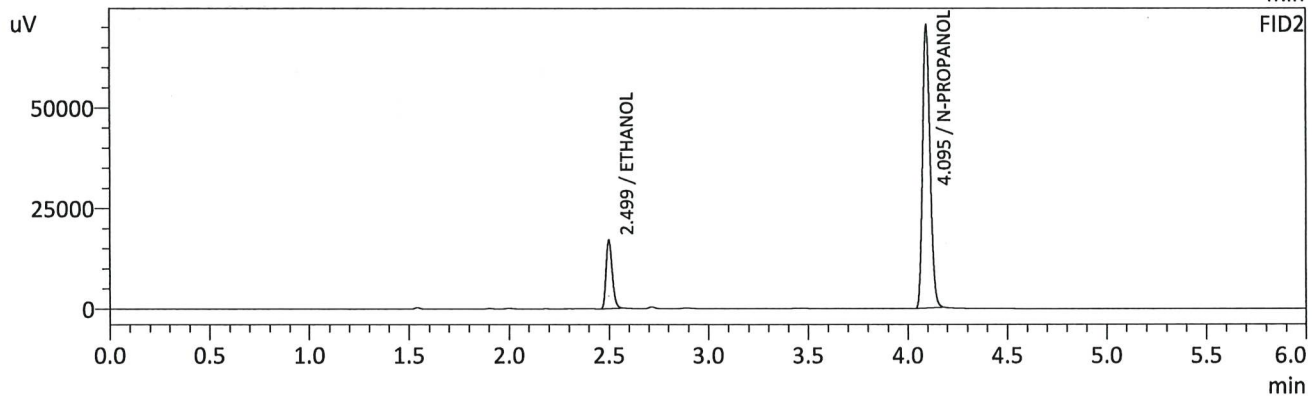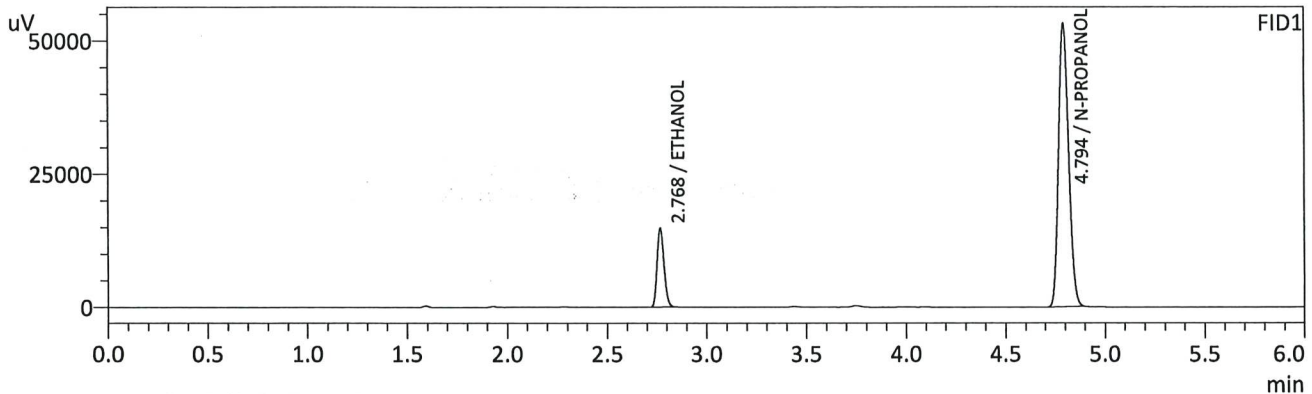Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0889	g/100cc	36074	14741
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188572	53035
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0886	g/100cc	35571	17003
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187697	70332
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-3				Analysis Date(s): 12/5/2024 1:04:33 AM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0904	0.0901	0.0003	0.0902	0.0002	0.0903
(g/100cc)	0.0906	0.0902	0.0004	0.0904		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_120424_RC.gcm

Reporting of Results		Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)		Low	High	5 % of Mean
0.090		0.085	0.095	0.005

	Reported Results	
	0.090	

Calibration and control data are stored centrally.

12/5/2024 1:10:37 AM Page 1 / 1

Sample Name   : QC1-3
Vial #   : 67
Data Filename   : QC1-3_1242024_067.gcd
Method Filename : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/5/2024 1:04:33 AM
Date Processed   : 12/5/2024 1:10:35 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
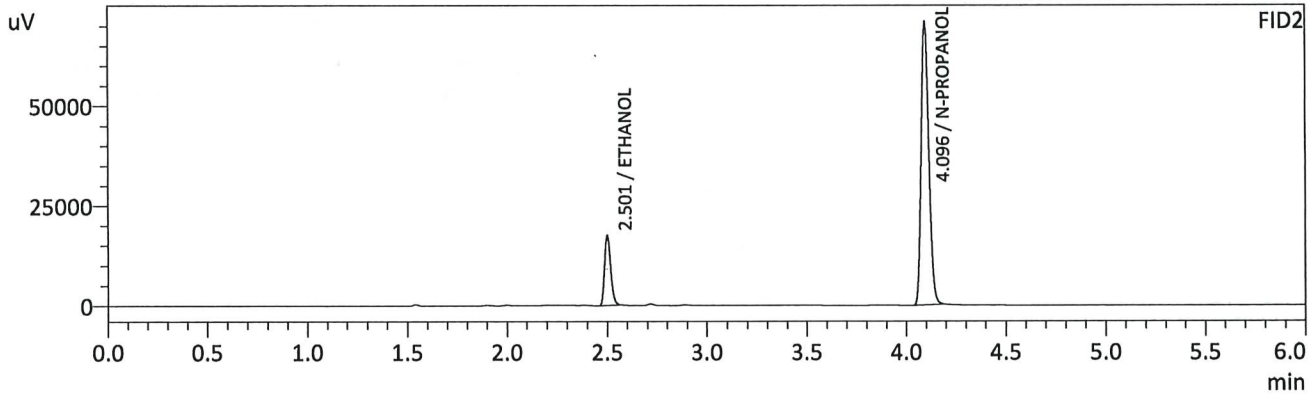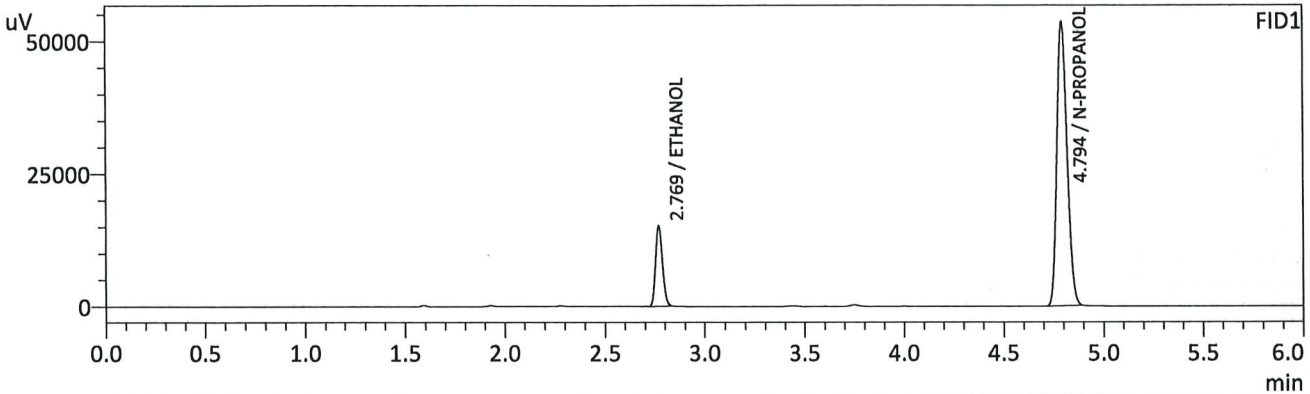
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0904	g/100cc	36867	15145
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189400	53514
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0901	g/100cc	36421	17366
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188810	70832
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC1-3-B
Vial #   : 68
Data Filename   : QC1-3-B_1242024_068.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/5/2024 1:13:59 AM
Date Processed   : 12/5/2024 1:20:02 AM
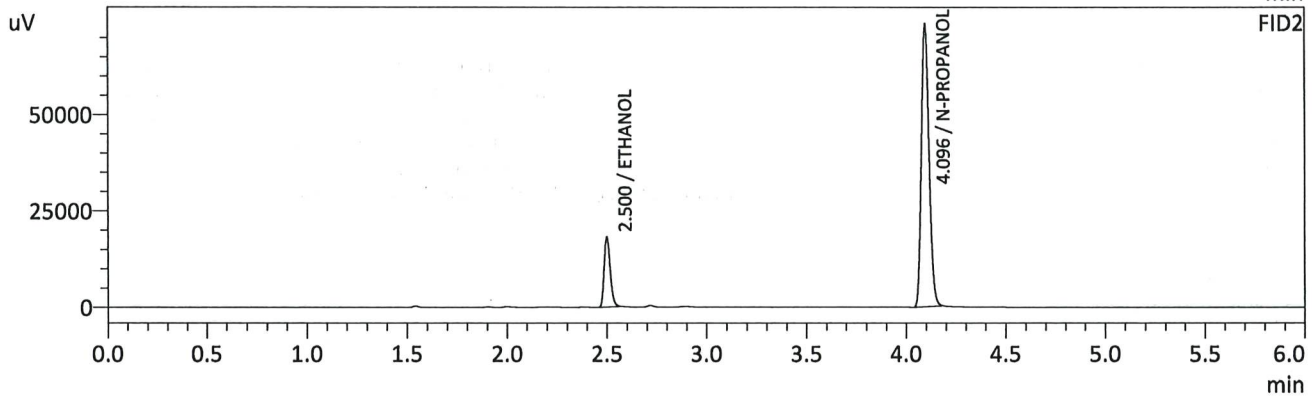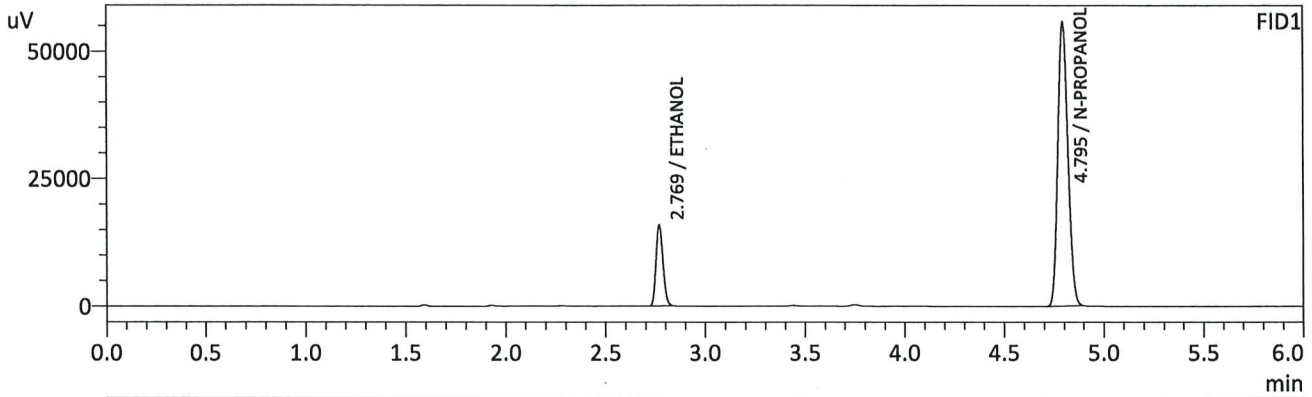Instrument   : GC SN- C12255850662 / HS SN- C12595700014

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0906	g/100cc	38388	15756
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196789	55722
DFE/TFE	--	g/100cc	--	--
DME	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0902	g/100cc	37886	18080
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196165	73329
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 3
Vial #   : 69
Data Filename   : INT STD BLK 3_1242024_069.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/5/2024 1:23:15 AM
Date Processed   : 12/5/2024 1:29:16 AM
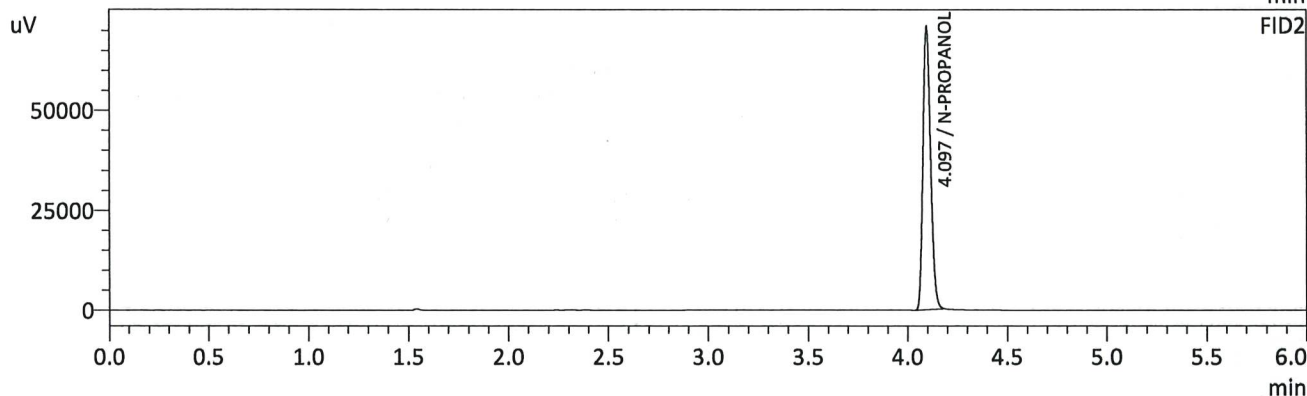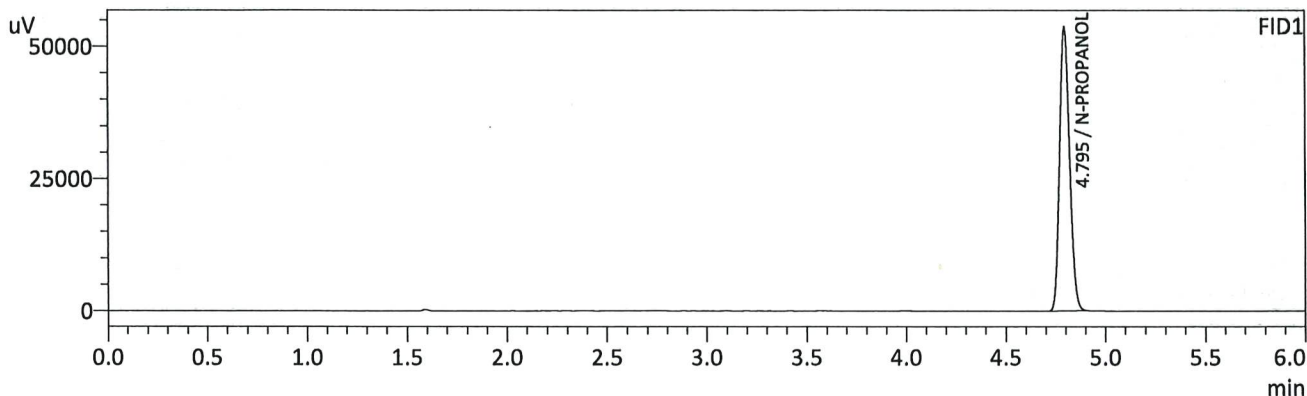Instrument   : GC SN- C12255850662 / HS SN- C12595700014

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	189483	53691
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	188502	70689
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : DFE
Vial #   : 70
Data Filename   : DFE _1242024_070.gcd
Method Filename   : ALCOHOL_120424_RC.gcm
Batch Filename   : BATCH_120424_RC.gcb
Date Acquired   : 12/5/2024 1:33:06 AM
Date Processed   : 12/5/2024 1:39:07 AM
Instrument   : GC SN- C12255850662 / HS SN- C12595700014
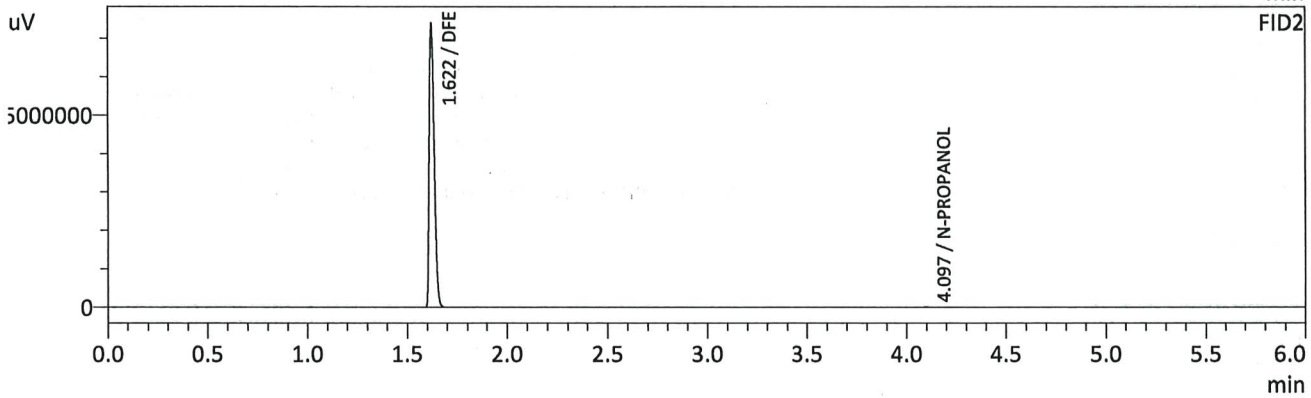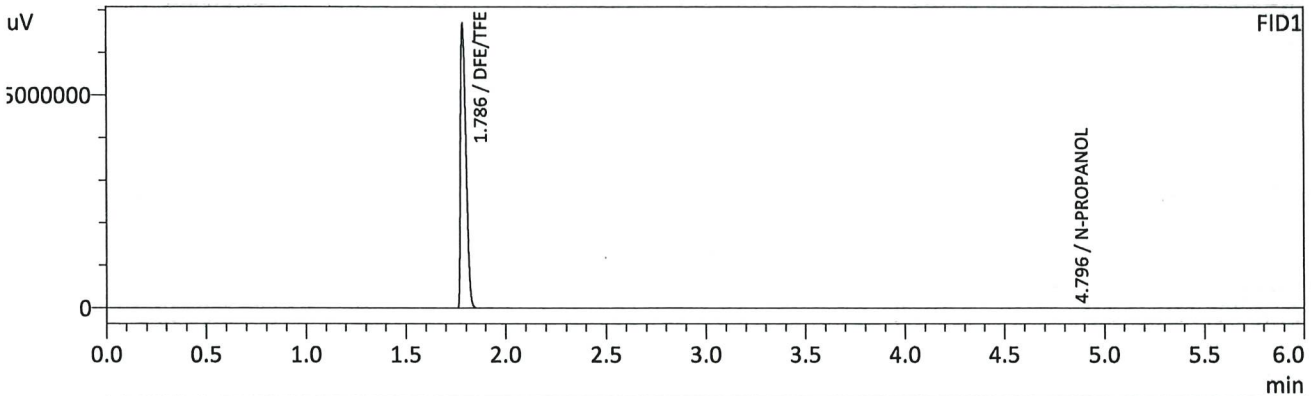

FID1

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	103859	29415
DFE/TFE	0.0000	g/100cc	63954434	33331738
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	102158	38266
DFE	0.0000	g/100cc	64173949	36849580
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_120424_RC.gcm		1
2	0.100	1:Standard:(R)	ALCOHOL_120424_RC.gcm		2
3	0.200	1:Standard:(R)	ALCOHOL_120424_RC.gcm		3
4	0.300	1:Standard:(R)	ALCOHOL_120424_RC.gcm		4
5	0.500	1:Standard:(R)	ALCOHOL_120424_RC.gcm		5
6	INT STD BLK 1	0:Unknown	ALCOHOL_120424_RC.gcm		0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_120424_RC.gcm		1
8	INT STD BLK 2	0:Unknown	ALCOHOL_120424_RC.gcm		0
9	QC1-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
10	QC1-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
11	0.08 QA	0:Unknown	ALCOHOL_120424_RC.gcm		0
12	0.08 QA - B	0:Unknown	ALCOHOL_120424_RC.gcm		0
13	P2024-3553-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
14	P2024-3553-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
15	P2024-3594-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
16	P2024-3594-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
17	P2024-3595-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
18	P2024-3595-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
19	P2024-3596-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
20	P2024-3596-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
21	P2024-3598-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
22	P2024-3598-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
23	P2024-3603-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
24	P2024-3603-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
25	P2024-3609-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
26	P2024-3609-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
27	P2024-3611-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
28	P2024-3611-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
29	P2024-3623-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
30	P2024-3623-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
31	QC2-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
32	QC2-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
33	P2024-3624-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
34	P2024-3624-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
35	P2024-3625-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
36	P2024-3625-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
37	P2024-3627-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
38	P2024-3627-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
39	P2024-3632-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
40	P2024-3632-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
41	P2024-3649-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
42	P2024-3649-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
43	P2024-3650-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
44	P2024-3650-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
45	P2024-3652-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
46	P2024-3652-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
47	P2024-3659-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
48	P2024-3659-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
49	P2024-3664-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
50	P2024-3664-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
51	P2024-3668-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
52	P2024-3668-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
53	QC1-2	0:Unknown	ALCOHOL_120424_RC.gcm		0
54	QC1-2-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
55	P2024-3669-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
56	P2024-3669-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
57	P2024-3670-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
58	P2024-3670-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
59	P2024-3685-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
60	P2024-3685-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
61	P2024-3690-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
62	P2024-3690-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
63	P2024-3691-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
64	P2024-3691-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
65	P2024-3694-1	0:Unknown	ALCOHOL_120424_RC.gcm		0
66	P2024-3694-1-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
67	QC1-3	0:Unknown	ALCOHOL_120424_RC.gcm		0
68	QC1-3-B	0:Unknown	ALCOHOL_120424_RC.gcm		0
69	INT STD BLK 3	0:Unknown	ALCOHOL_120424_RC.gcm		0
70	DFE	0:Unknown	ALCOHOL_120424_RC.gcm		0

Default Project - BATCH_120424_RC.gbb