REVIEWED
By Galina Giso at 3:49 pm, Aug 09, 2022

TS 8/9/2022

Worklist: 6054

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2022-2336	1	BCK	Alcohol Analysis
P2022-2350	1	BCK	Alcohol Analysis
P2022-2351	1	BCK	Alcohol Analysis
P2022-2354	1	BCK	Alcohol Analysis
P2022-2357	1	BCK	Alcohol Analysis
P2022-2360	1	BCK	Alcohol Analysis
P2022-2361	1	BCK	Alcohol Analysis
P2022-2364	1	BCK	Alcohol Analysis
P2022-2367	1	BCK	Alcohol Analysis
P2022-2383	1	BCK	Alcohol Analysis
P2022-2385	1	BCK	Alcohol Analysis
P2022-2386	1	BCK	Alcohol Analysis
P2022-2388	2	BCK	Alcohol Analysis
P2022-2404	1	BCK	Alcohol Analysis
P2022-2405	1	BCK	Alcohol Analysis
P2022-2408	1	UCK	Alcohol Analysis
P2022-2410	1	BCK	Alcohol Analysis
P2022-2428	1	BCK	Alcohol Analysis
** P2022-2454	1	BCK	Alcohol Analysis

*Case sample P2022-2150-1 from worklist 6037 originally run on 07/22/2022 was included in this run. The sample was re-sampled due to the original replicate precision being outside of method tolerances. 8-9-22 TS

**Sample preceded QC 2-2. QC 2-2 fell outside the acceptable concentration range. Sample P2022-2454-1 will be re-run at a later date. 8-9-22 TS

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): 08/08/2022**

Calibration Date: *(if different)*

Worklist #: 6054

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0742 g/100cc
					0.0806 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2106 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	Exp:	10/31/2024	Lot #	FN06041902	
Curve Fit:		**Column 1**	0.99997	**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	0.0507	0.0514	0.0007	0.051
100	0.100	0.090 - 0.110	0.1003	0.1002	0.0001	0.1002
200	0.200	0.180 - 0.220	0.1991	0.1987	0.0004	0.1989
300	0.300	0.270 - 0.330	0.2989	0.2981	0.0008	0.2985
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5008	0.5014	0.0006	0.5011

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
Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #: 6054 **Run Date(s):** 08/08/2022

Internal Standard Solution:	Prep Date: 7/1/2022	Exp Date: 1/1/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	182889	195692
0.080	184618	197426
QC1	171248	183255
QC1	185324	198428
QC1	198367	212050
QC1	194191	207751
QC1		
QC1		
QC2	186522	198985
QC2	175433	187658
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	184824.0	147859.2	221788.8
Column 2	197655.6	158124.5	237186.8

TP

Idaho State Police
Forensic Services

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): ISP DEV BLA-22-02

Date of Request: 7/29/22

Requestor/Discipline: Melissa (Nikka) Bradley/Blood Alcohol

Analytical Method/Quality Standard, Revision #: **4.3.9.1.3 revision 10**

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc):

Blood alcohol and other volatiles

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual):
4.3.9.1.3 revision 10
Acceptable IS recovery values for samples run with a specific calibration curve must have their FID1 and FID2 IS values fall within +/- 20% of the mean values established in 4.3.9.1.1.

Request to add the word "case" between for and samples so it reads:
"Acceptable IS recovery values for **case** samples run with…"

Technical Justification for Analytical Method Deviations:
This was discussed and agreed upon in previous Alcohol Discipline meetings. This additional clarification will minimize any potential misinterpretations of the requirement.

Technical Review

☒ Departure approved
Comments: This will work for the immediate future until the method can be updated in a permanent manner. This deviation will be in effect until 12/31/2022 when the method will be updated to reflect the new language and understanding of the internal standard monitoring.

☐ Departure Not Approved
Comments:

Approver: Jeremy Johnston Date: 8/3/2022 Jeremy Johnston
Title: Volatiles Analysis Discipline Lead

Quality Review

Quality Approver: Corinna Owsley Corinna C Owsley
Title: Acting Quality Manager
Date: 8/4/2022

Calibration Table

Laboratory: Pocatello
Instrument Name : GC2030-HS20

<<Data File>>
Method File :C:\LabSolutions\Data\2022\8-8-22 TS\ALCOHOL.gcm
Batch File :C:\LabSolutions\Data\2022\8-8-22 TS\8-8-22 TS_post.gcb
Date Acquired :8/8/2022 10:58:31 AM
Date Created :8/8/2022 10:55:07 AM
Date Modified :8/9/2022 7:51:27 AM

Not Ready

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

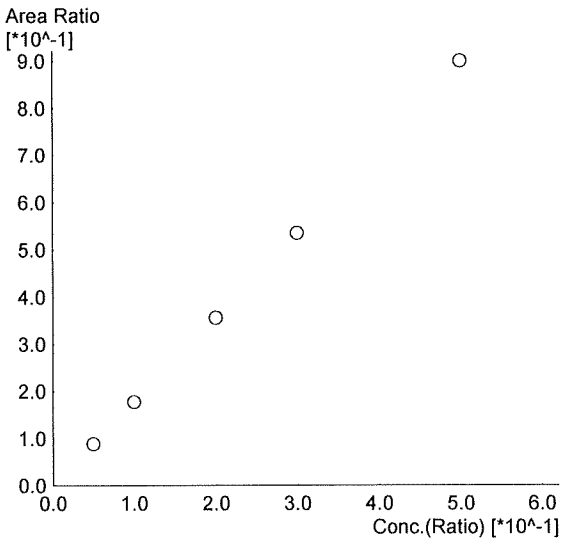
#	Conc.	Area	Std. Conc.	Data File Name

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

TS



Name : ETHANOL
Detector Name: FID1
Function : f(x)=1.80033*x-0.00341245
R^2 value= 0.9999736
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15543	0.0507	0.050_882022_001.gcd
2	0.100	32225	0.1003	0.100_882022_002.gcd
3	0.200	65633	0.1991	0.200_882022_003.gcd
4	0.300	99249	0.2989	0.300_882022_004.gcd
5	0.500	162129	0.5008	0.500_882022_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

TS

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

Not Ready

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

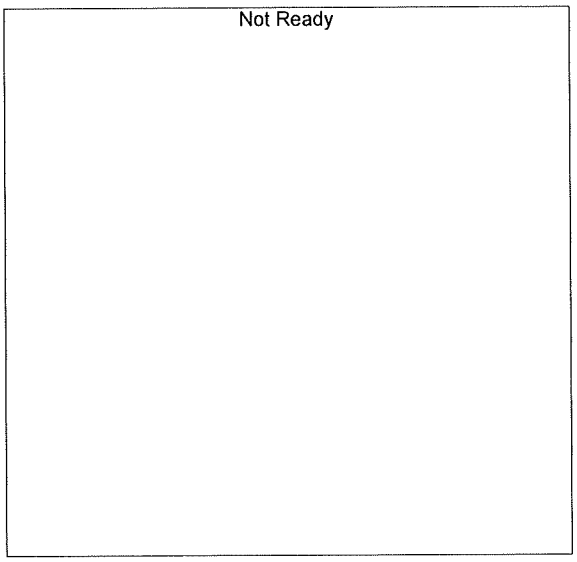
#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

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

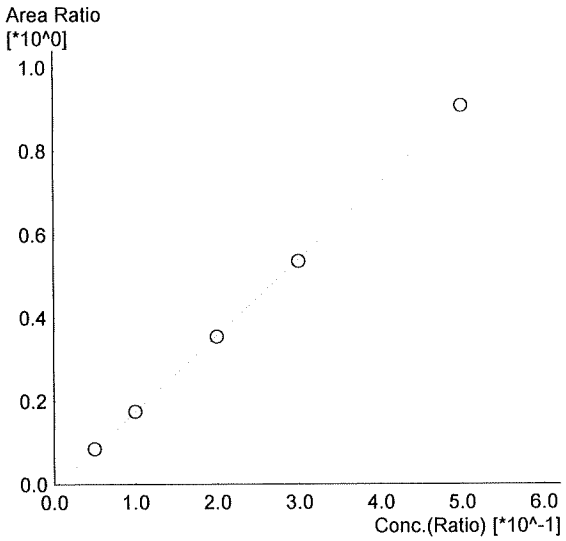
#	Conc.	Area	Std. Conc.	Data File Name

TS



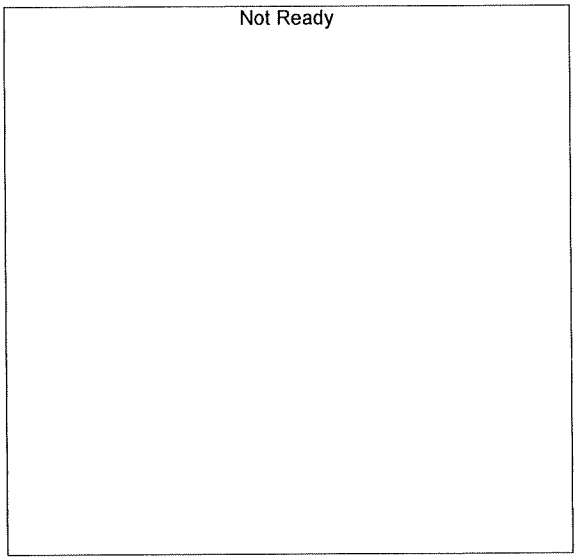
Name : METHANOL
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name



Name : ETHANOL
Detector Name: FID2
Function : f(x)=1.82939*x-0.00921441 ✓
R^2 value= 0.9999248
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15802	0.0514	0.050_882022_001.gcd
2	0.100	33497	0.1002	0.100_882022_002.gcd
3	0.200	69125	0.1987	0.200_882022_003.gcd
4	0.300	105094	0.2981	0.300_882022_004.gcd
5	0.500	173231	0.5014	0.500_882022_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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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

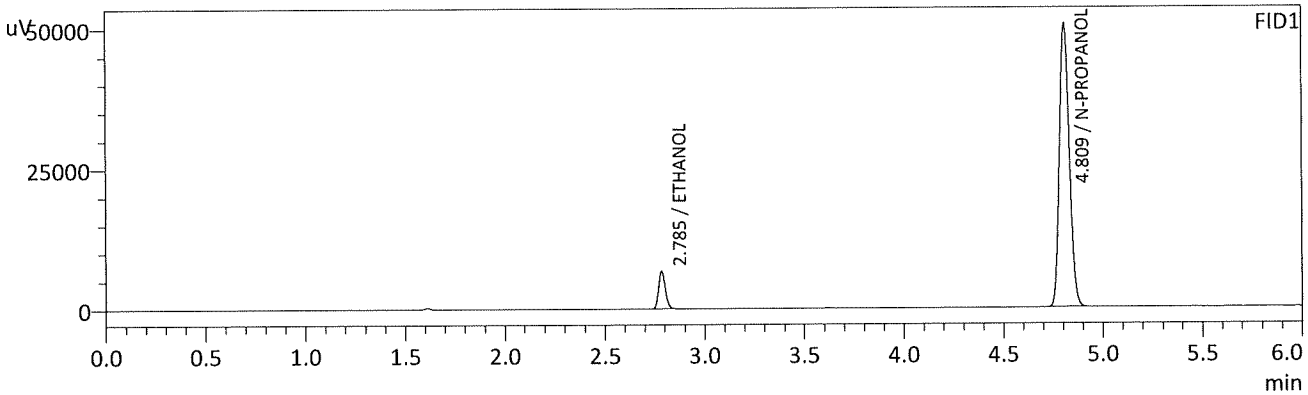
Not Ready

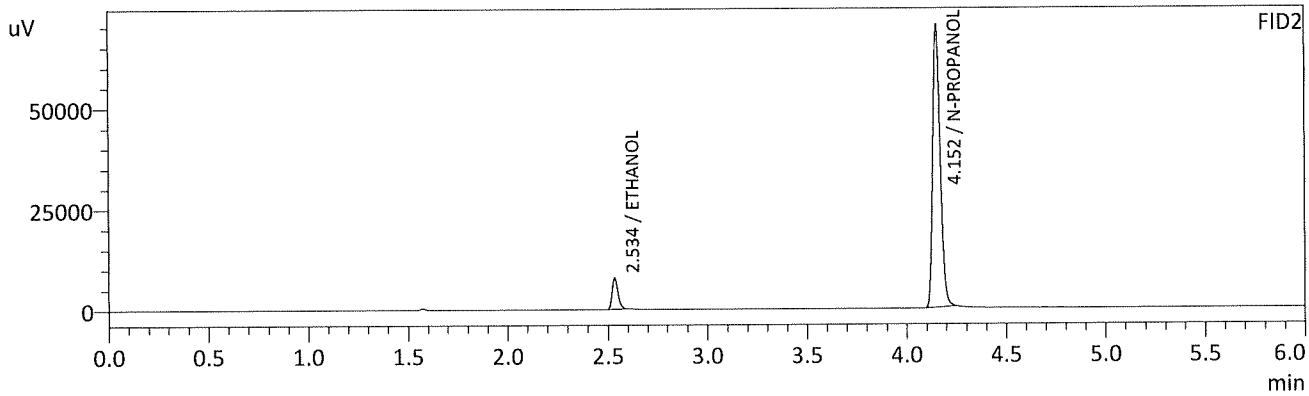
Name : TFE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

TS

Sample Name : 0.050
Vial # : 1
Data Filename : 0.050_882022_001.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 10:20:25 AM
Date Processed : 8/9/2022 7:51:22 AM
C:\LabSolutions\Data\2022\8-8-22 TS\ALCOHOL.gcm





FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0507	g/100cc	15543	6667
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176576	50488
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0514	g/100cc	15802	7722
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185995	69940
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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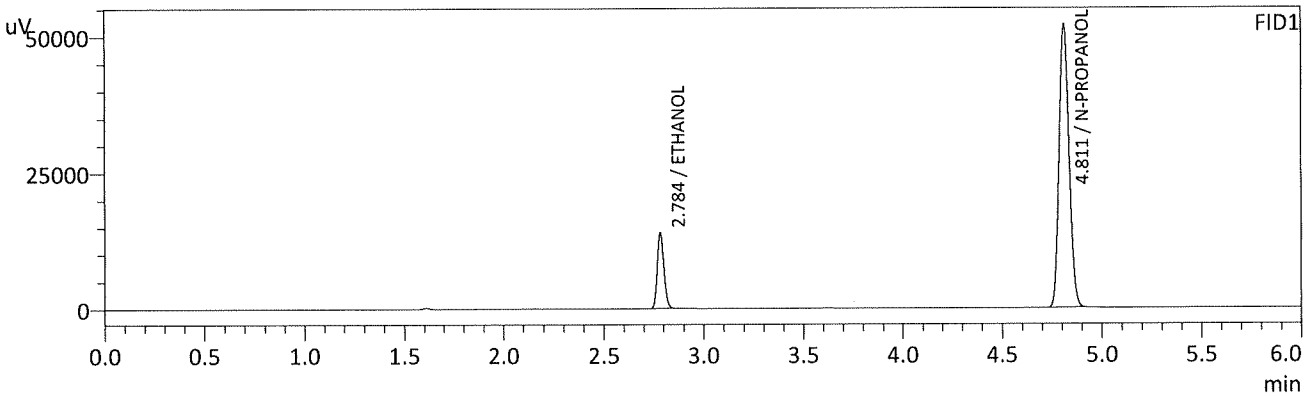
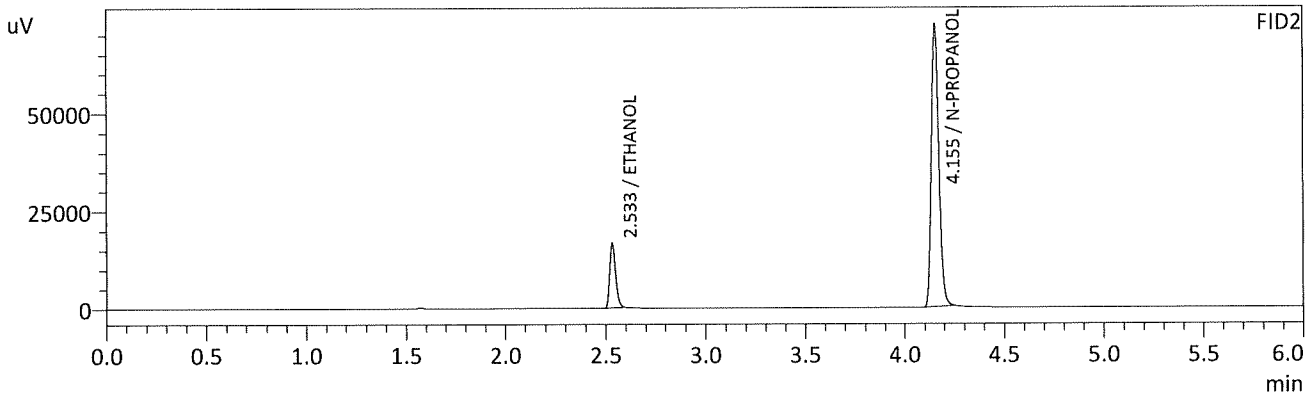
Sample Name : 0.100
Vial # : 2
Data Filename : 0.100_882022_002.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 10:29:54 AM
Date Processed : 8/9/2022 7:51:23 AM
C:\LabSolutions\Data\2022\8-8-22 TS\ALCOHOL.gcm





FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	32225	13858
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181899	51785
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1002	g/100cc	33497	16593
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	192300	72077
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.200
Vial # : 3
Data Filename : 0.200_882022_003.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 10:39:16 AM
Date Processed : 8/9/2022 7:51:25 AM
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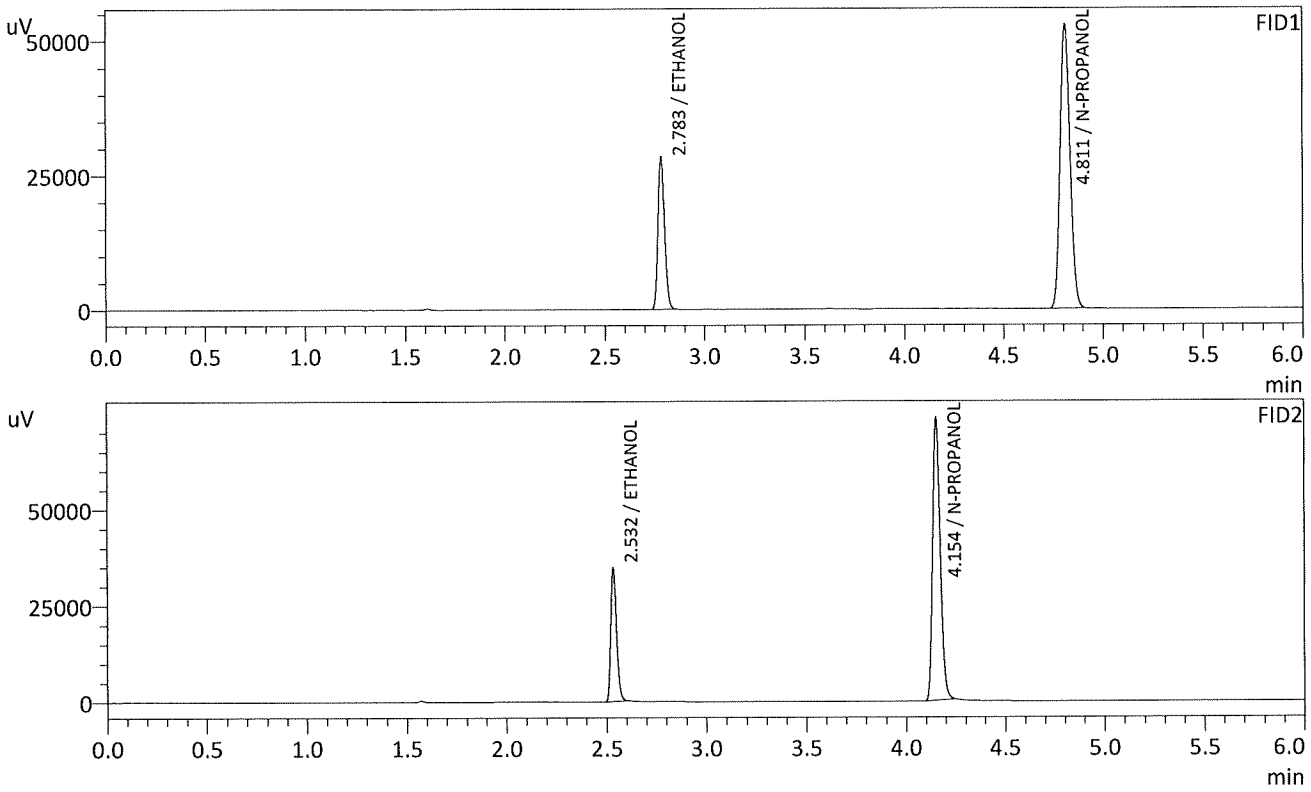

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1991	g/100cc	65633	28192
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184824	52607
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1987	g/100cc	69125	34570
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195108	73056
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.300
Vial # : 4
Data Filename : 0.300_882022_004.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 10:49:00 AM
Date Processed : 8/9/2022 7:51:26 AM
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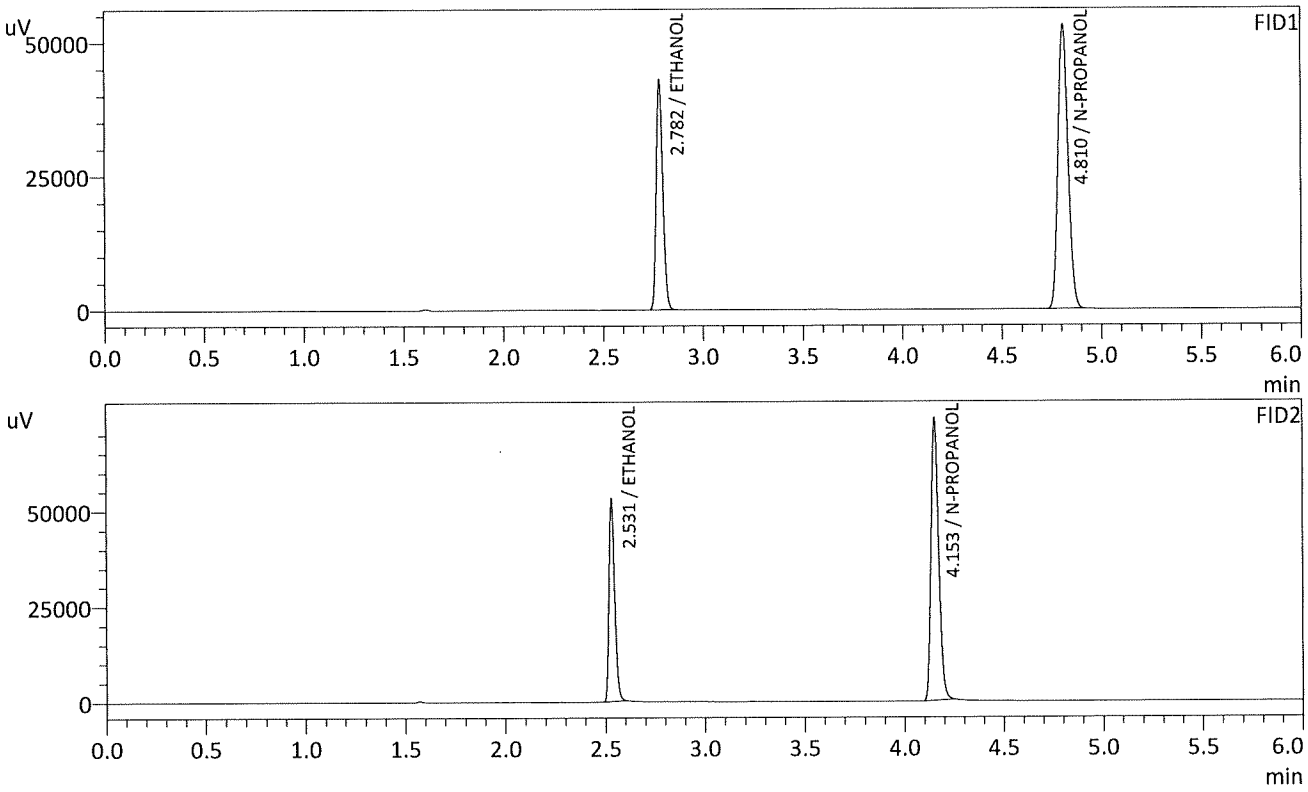

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2989	g/100cc	99249	42476
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185609	53008
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2981	g/100cc	105094	52804
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196020	73500
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : 0.500
Vial # : 5
Data Filename : 0.500_882022_005.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 10:58:31 AM
Date Processed : 8/9/2022 7:51:27 AM
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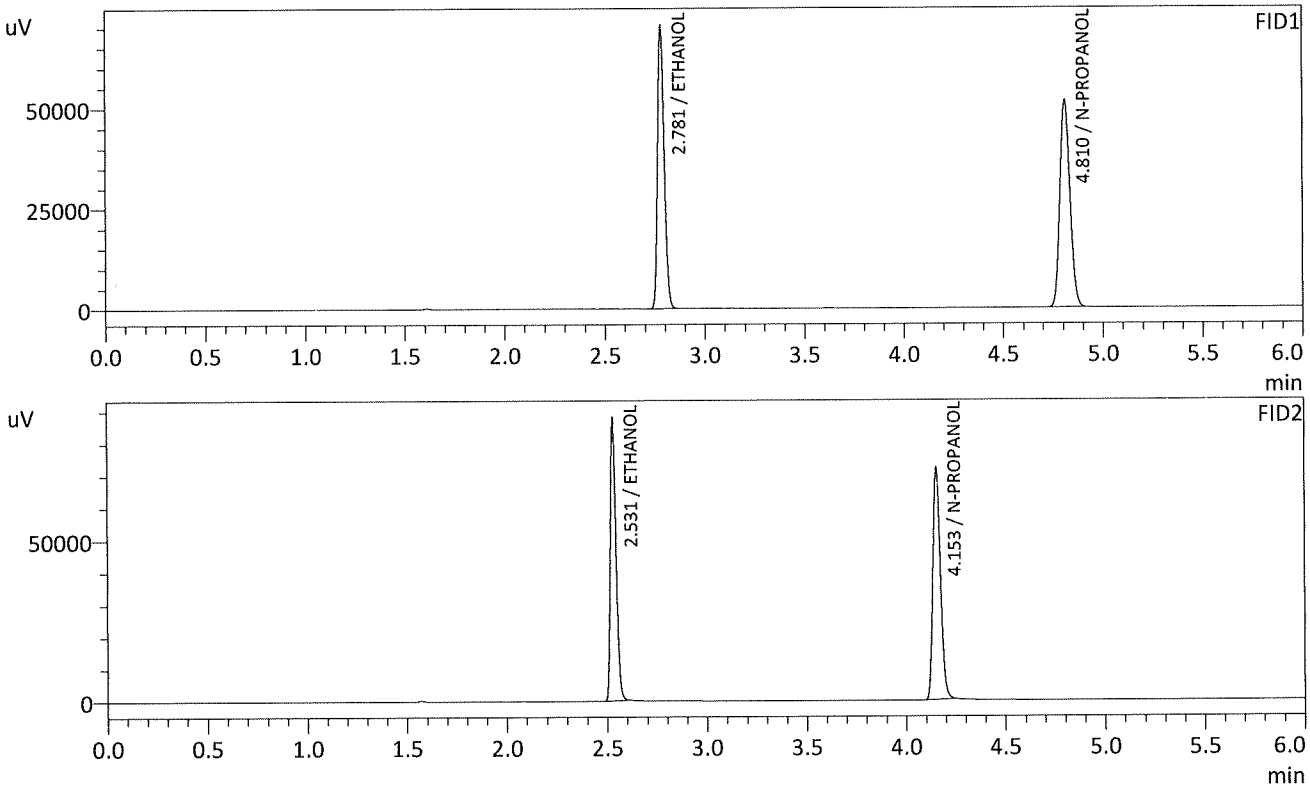

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5008	g/100cc	162129	69845
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180485	51598
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	173231	87164
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	190754	71702
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 1
Vial # : 6
Data Filename : INT STD BLK 1_882022_006.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 11:07:49 AM
Date Processed : 8/9/2022 7:51:29 AM
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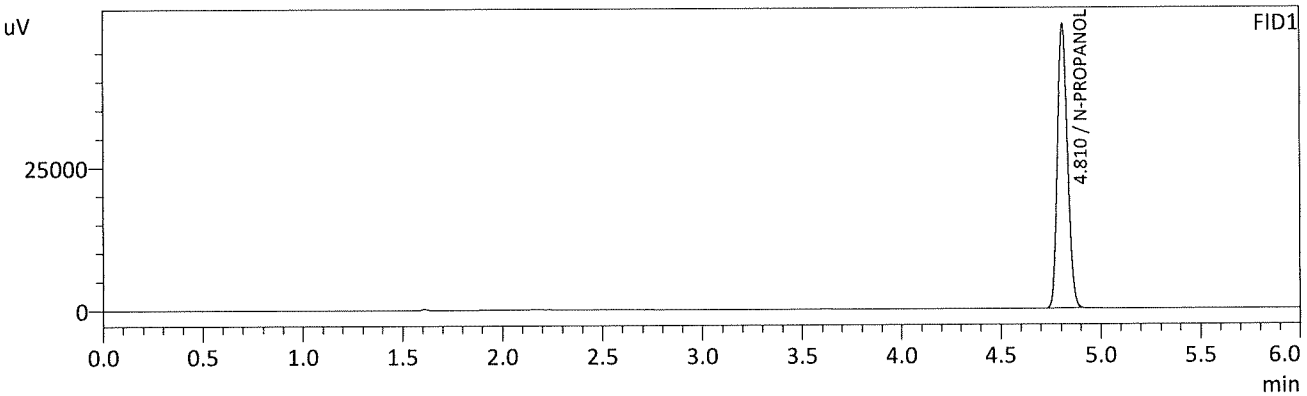

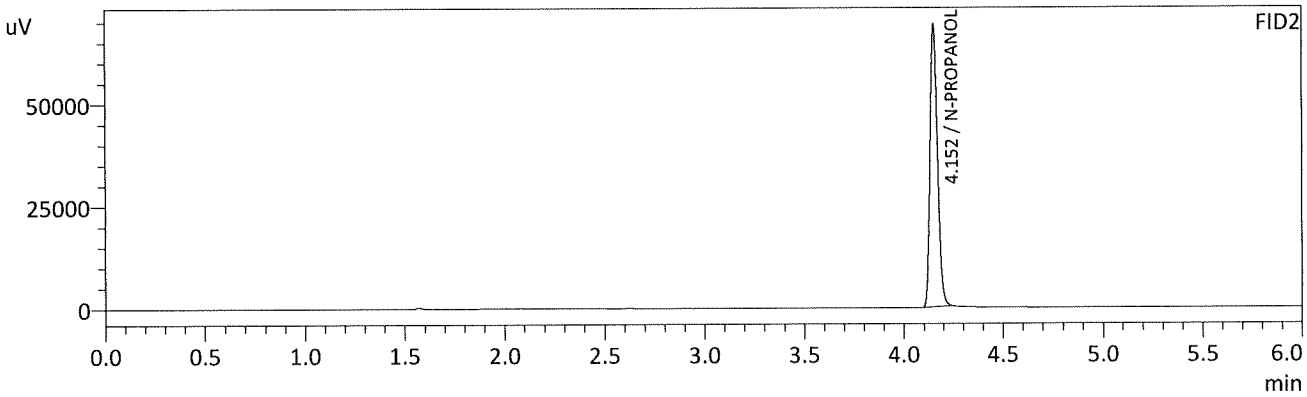

FID1

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	173132	49627
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	183215	68861
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : MULTI-COMP MIX
Vial # : 7
Data Filename : MULTI-COMP MIX_882022_007.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 11:17:32 AM
Date Processed : 8/9/2022 8:18:10 AM
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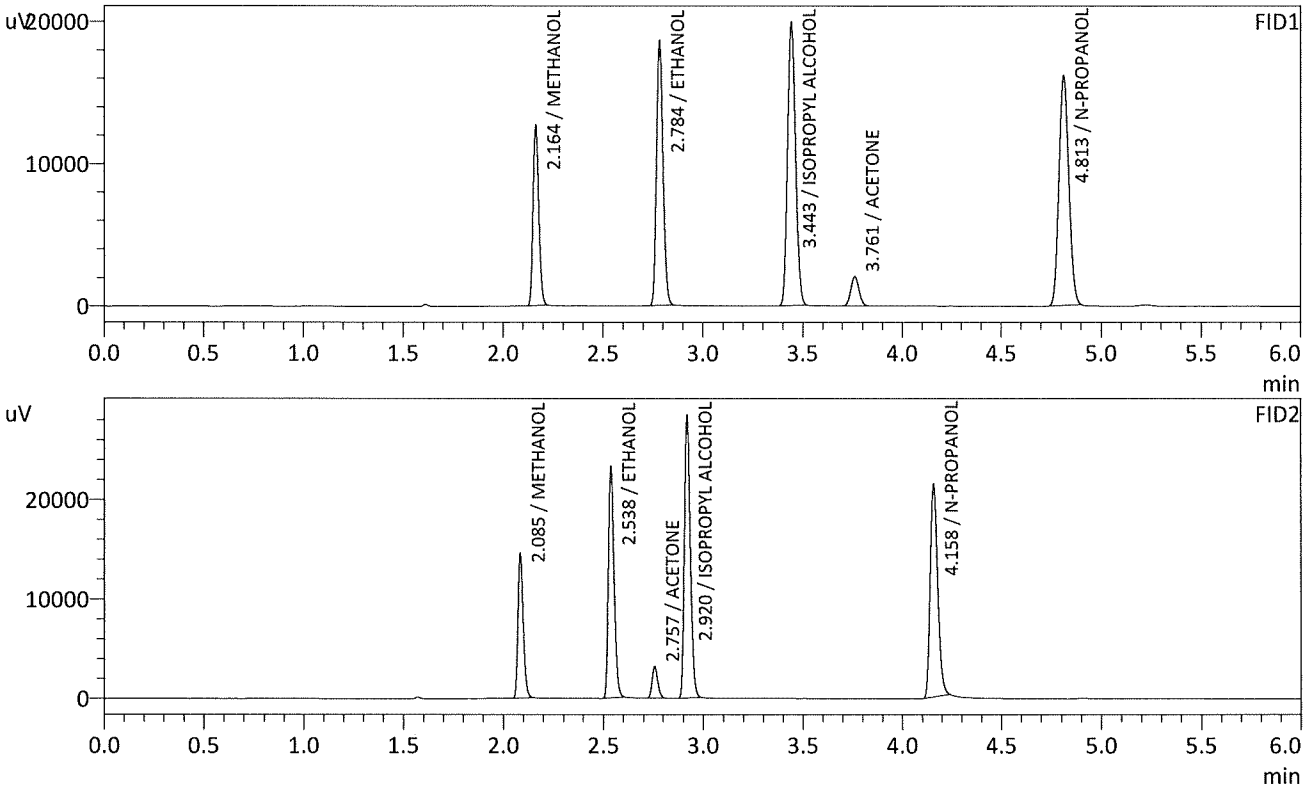

FID1

Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	25374	12642
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.4253	g/100cc	42616	18574
ISOPROPYL ALCOHOL	0.0000	g/100cc	54967	19877
ACETONE	0.0000	g/100cc	5924	2060
N-PROPANOL	0.0000	g/100cc	55894	16128
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	26935	14429
ETHANOL	0.4422	g/100cc	45554	23124
ACETONE	0.0000	g/100cc	6216	3139
ISOPROPYL ALCOHOL	0.0000	g/100cc	58918	28332
N-PROPANOL	0.0000	g/100cc	56959	21250
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : INT STD BLK 2
Vial # : 8
Data Filename : INT STD BLK 2_882022_008.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 11:27:04 AM
Date Processed : 8/9/2022 7:51:32 AM
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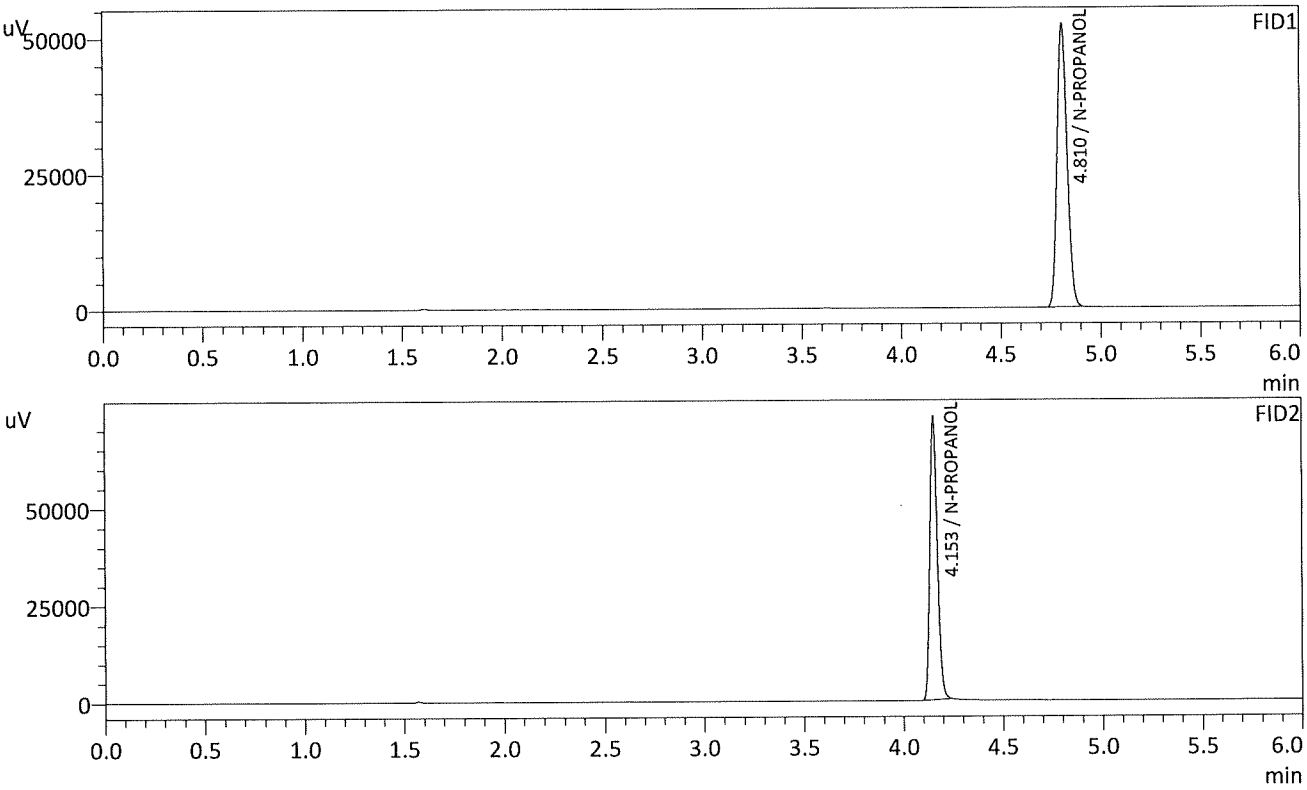

FID1

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	181463	52073
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	192317	72538
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 1-1 **Item #** **Analysis Date(s): 08/08/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0744	0.0744	0.0000	0.0744	0.0004	0.0742
(g/100cc)	0.0740	0.0741	0.0001	0.0740		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	0.070	0.078	0.004

	Reported Result	
	0.074	

Calibration and control data are stored centrally.

TS

Sample Name : QC-1-1-A
Vial # : 9
Data Filename : QC-1-1-A_882022_009.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 11:36:24 AM
Date Processed : 8/9/2022 7:51:33 AM
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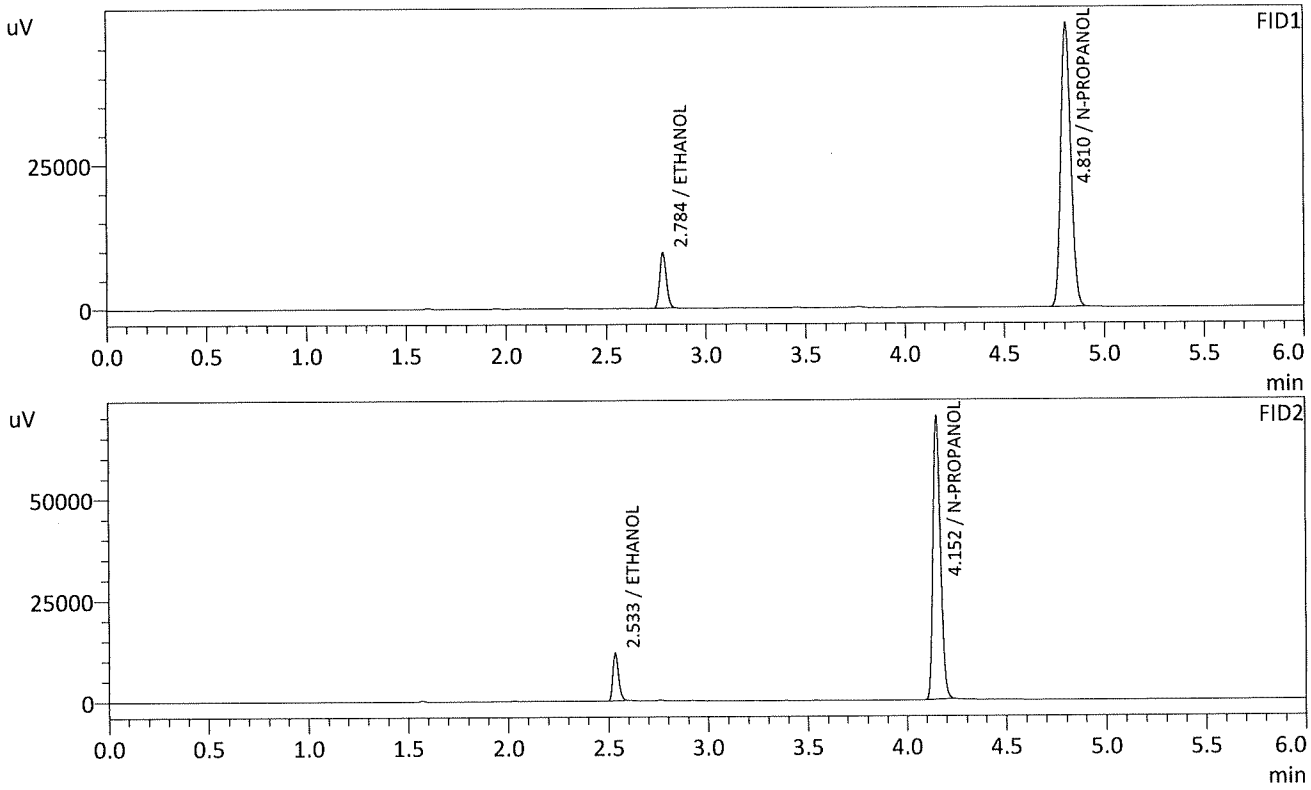

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0744	g/100cc	22357	9644
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171248	49045
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0744	g/100cc	23257	11669
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183255	69805
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : QC-1-1-B
Vial # : 10
Data Filename : QC-1-1-B_882022_010.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 11:46:09 AM
Date Processed : 8/9/2022 7:51:34 AM
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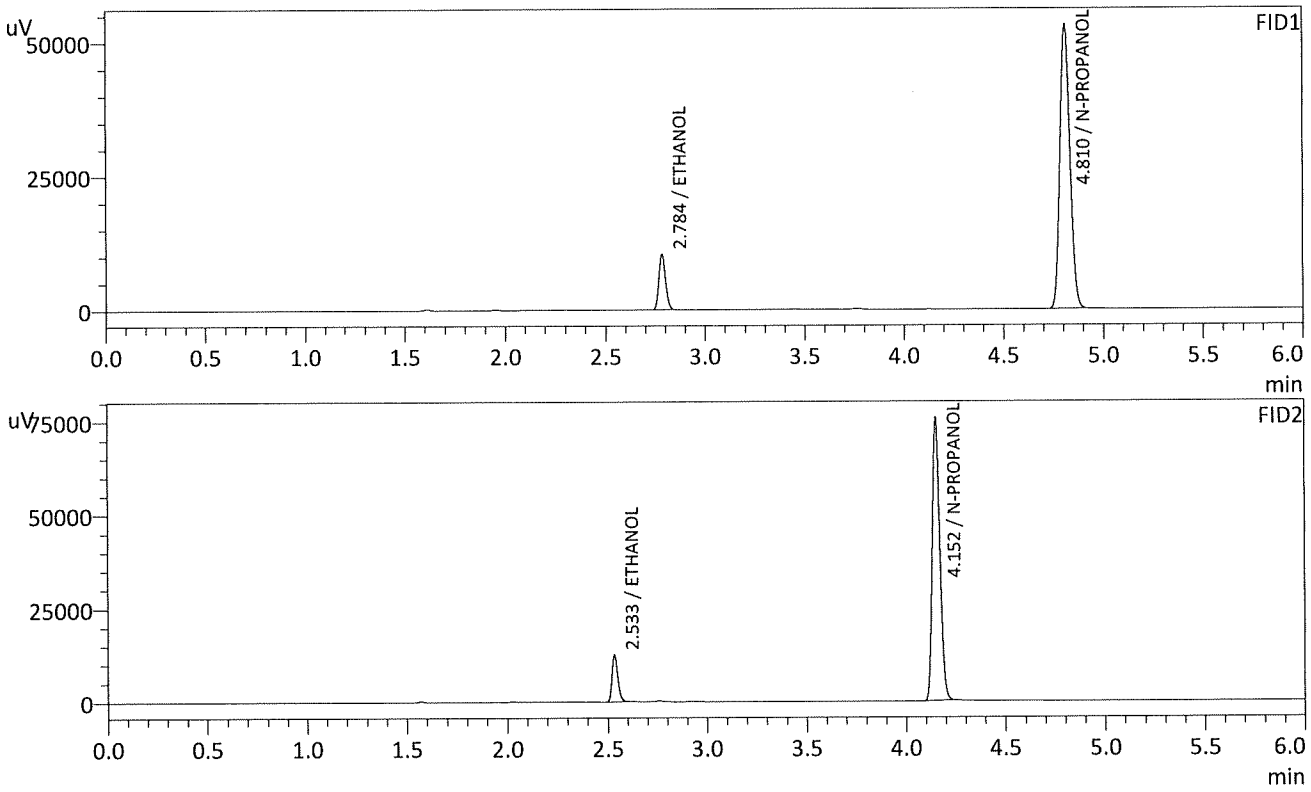

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0740	g/100cc	24065	10342
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185324	53044
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0741	g/100cc	25103	12564
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198428	75546
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.08 QA **Item #** **Analysis Date(s): 08/08/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0812	0.0003	0.0810	0.0004	0.0812
(g/100cc)	0.0812	0.0816	0.0004	0.0814		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	**0.076**	**0.086**	**0.005**

Reported Result

0.081

Calibration and control data are stored centrally.

15

Sample Name : 0.08 QA - A
Vial # : 11
Data Filename : 0.08 QA - A_882022_011.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 11:55:39 AM
Date Processed : 8/9/2022 7:51:35 AM
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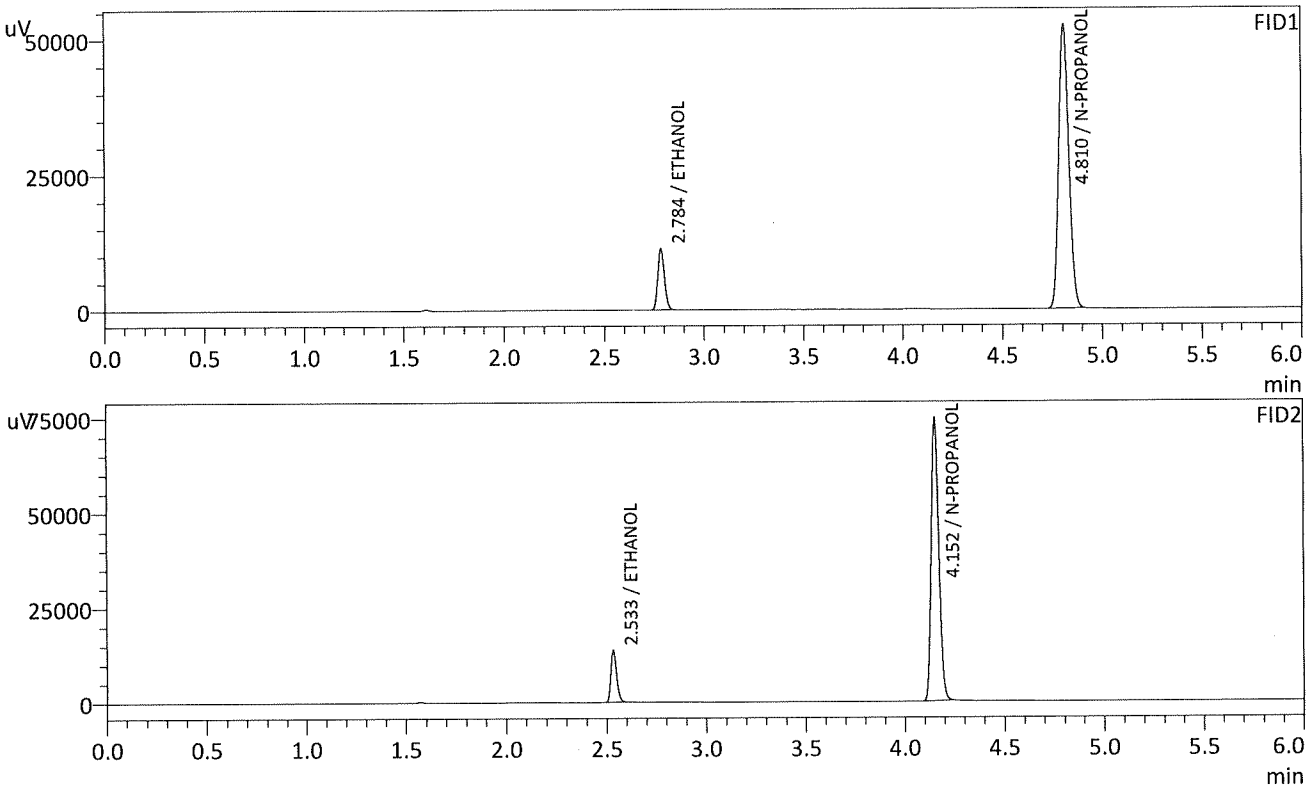

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0809	g/100cc	26037	11187
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182889	52337
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	27277	13654
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195692	74377
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : 0.08 QA - B
Vial # : 12
Data Filename : 0.08 QA - B_882022_012.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 12:04:57 PM
Date Processed : 8/9/2022 7:51:37 AM
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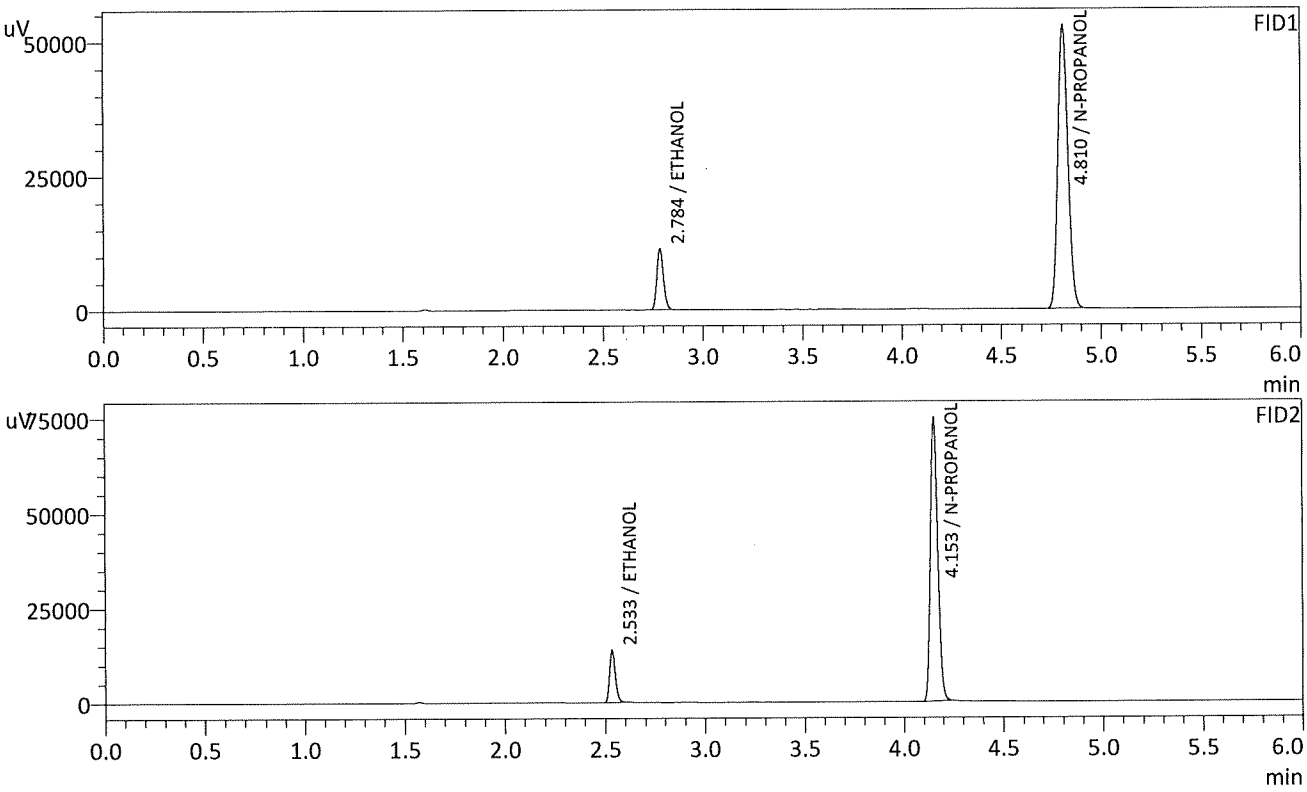

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	26389	11312
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184618	52706
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0816	g/100cc	27660	13745
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	197426	74431
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 2-1 **Item #** **Analysis Date(s): 08/08/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2109	0.2104	0.0005	0.2106	0.0001	0.2106
(g/100cc)	0.2110	0.2101	0.0009	0.2105		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.210	**0.199**	**0.221**	**0.011**

	Reported Result	
	0.210	

Calibration and control data are stored centrally.

TS

Sample Name : QC-2-1-A
Vial # : 31
Data Filename : QC-2-1-A_882022_031.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 3:06:01 PM
Date Processed : 8/9/2022 7:52:01 AM
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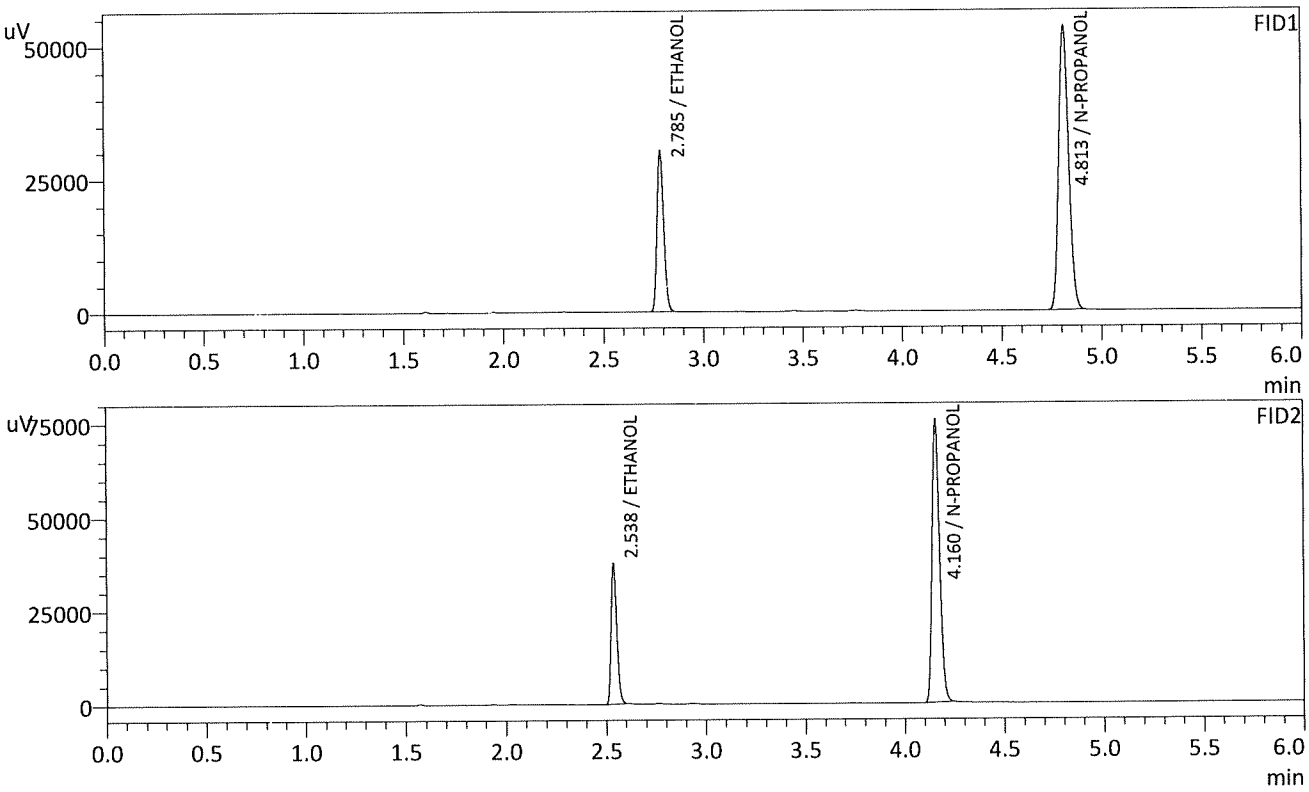

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2109	g/100cc	70213	30078
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	186522	53243
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2104	g/100cc	74760	37379
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198985	75267
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : QC-2-1-B
Vial # : 32
Data Filename : QC-2-1-B_882022_032.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 3:15:34 PM
Date Processed : 8/9/2022 7:52:03 AM
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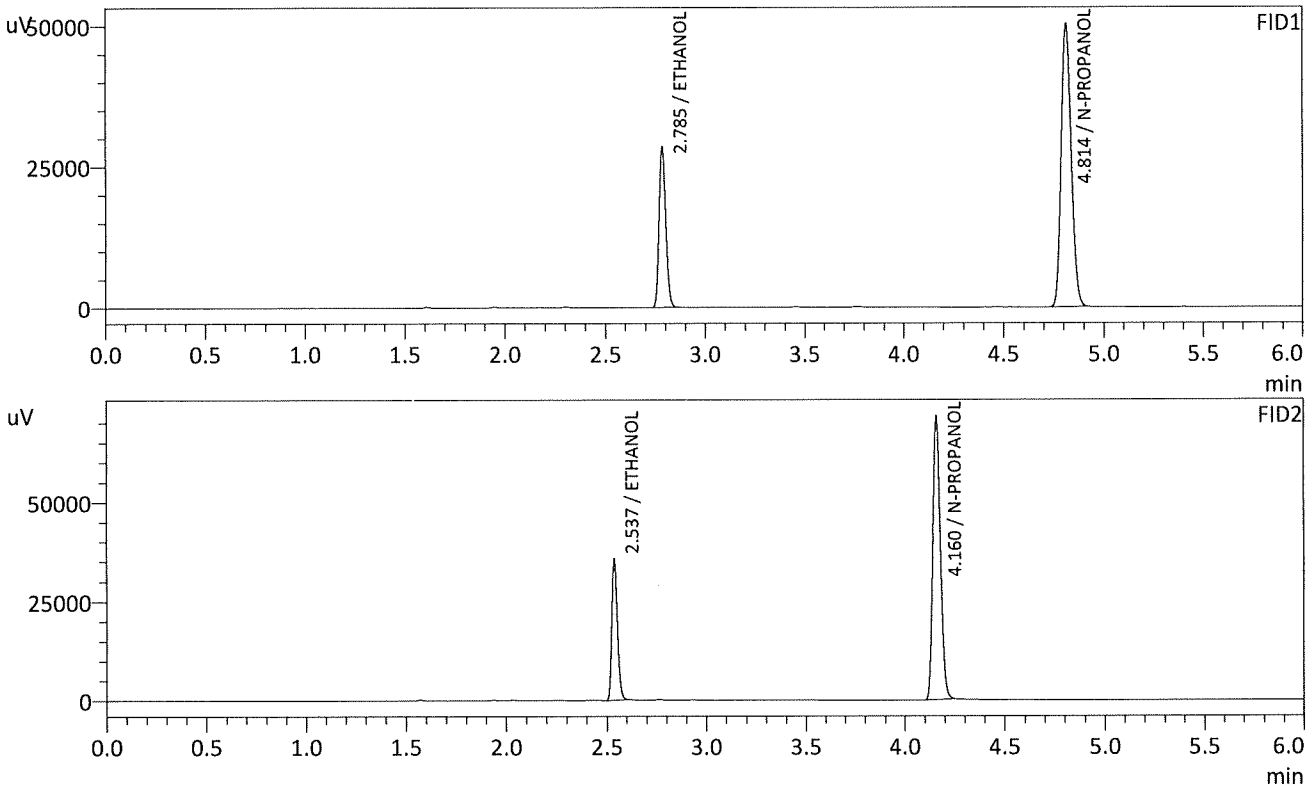

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2110	g/100cc	66049	28346
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175433	50213
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2101	g/100cc	70424	35452
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187658	71167
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 1-2 **Item #** **Analysis Date(s): 08/08/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0803	0.0810	0.0007	0.0806	0.0001	0.0806
(g/100cc)	0.0803	0.0811	0.0008	0.0807		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

TS

Sample Name : QC1-2-A
Vial # : 53
Data Filename : QC1-2-A_882022_053.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 6:35:24 PM
Date Processed : 8/9/2022 7:52:29 AM
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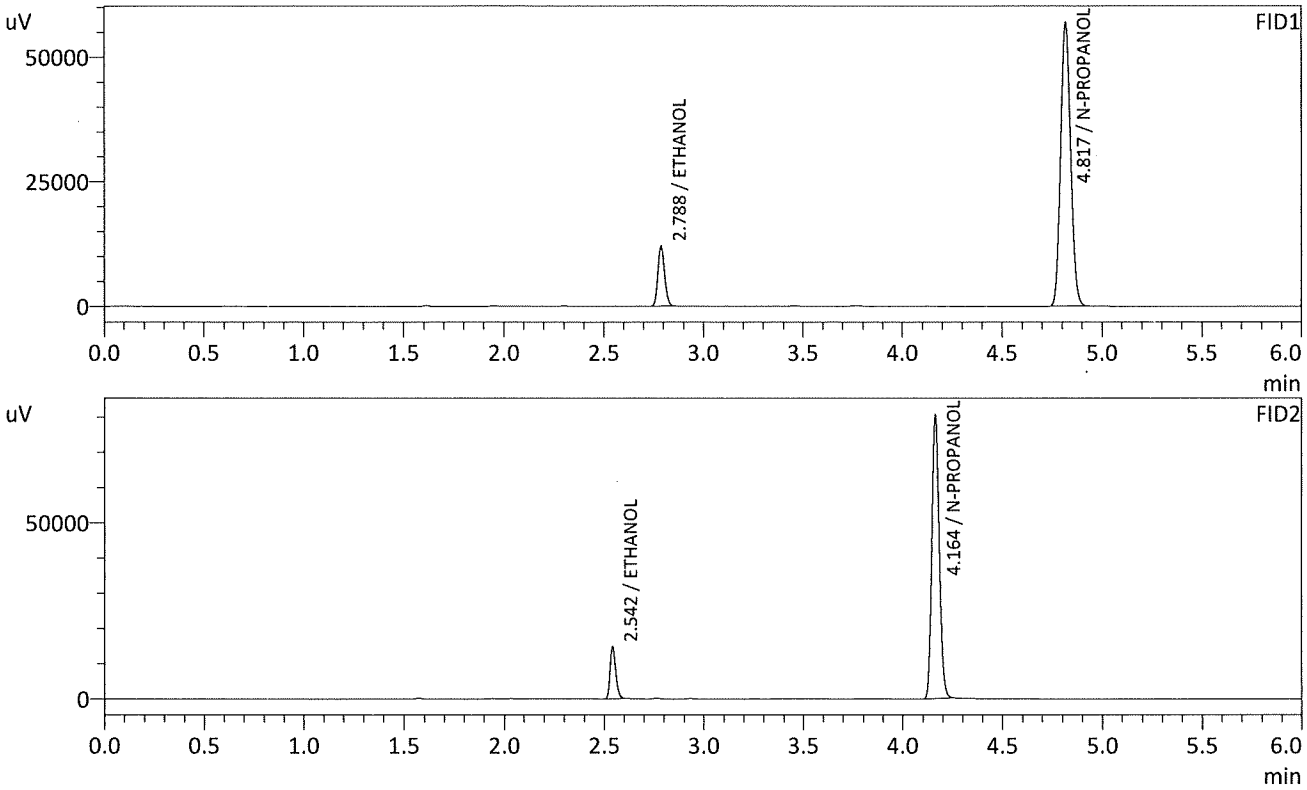

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0803	g/100cc	28023	11953
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	198367	56775
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0810	g/100cc	29492	14680
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	212050	80105
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC1-2-B
Vial # : 54
Data Filename : QC1-2-B_882022_054.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 6:44:42 PM
Date Processed : 8/9/2022 7:52:31 AM
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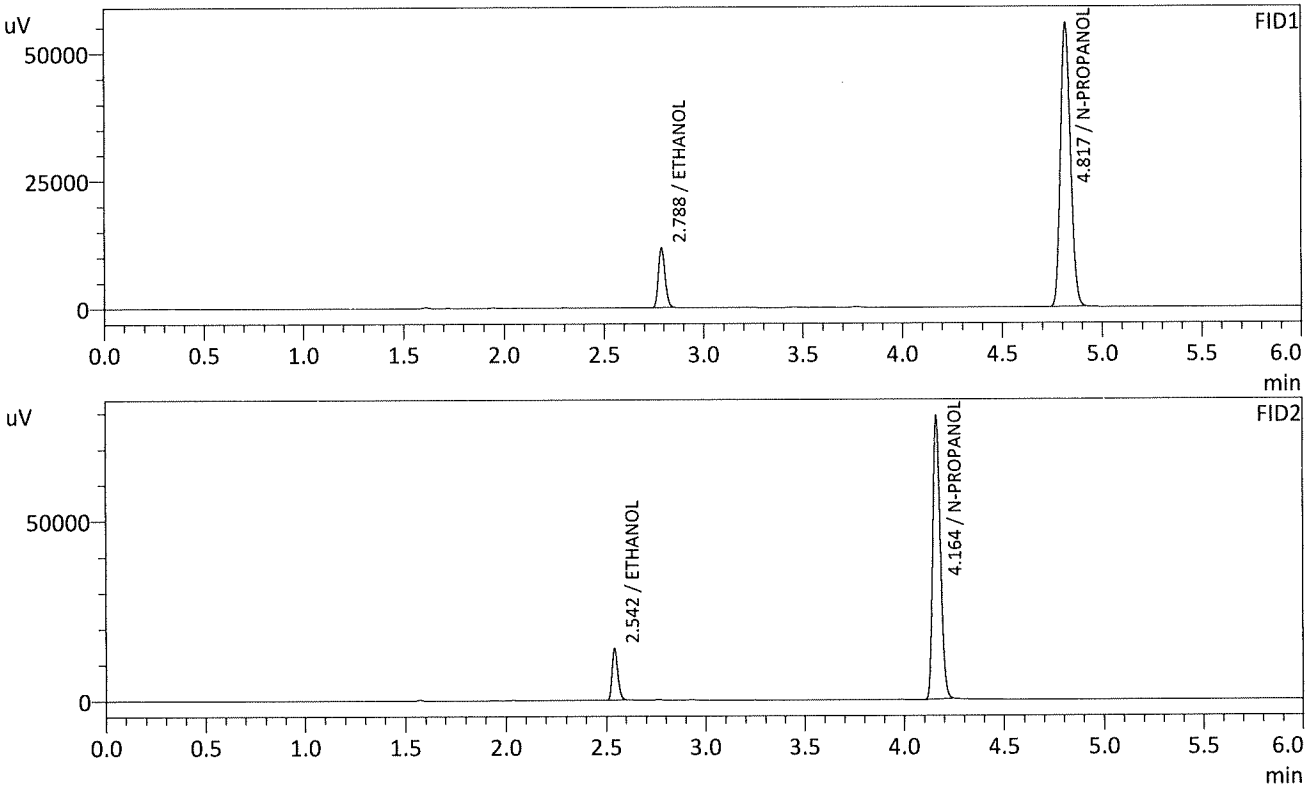

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0803	g/100cc	27441	11720
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194191	55493
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	28938	14384
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	207751	78556
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

QC does not meet method parameters. Case samples preceding or following the QC will be re-run at a later date.

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 2-2 **Item #** **Analysis Date(s): 08/08/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2321	0.2311	0.0010	0.2316	0.0563	0.2597
(g/100cc)	0.2883	0.2876	0.0007	0.2879		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.259	0.246	0.272	0.013

Reported Result
0.259

Calibration and control data are stored centrally.

 TS

QC does not meet method parameters. Case samples preceding or following the QC will be re-run at a later date.

8-9-22 TS

Sample Name : QC2-2-A
Vial # : 57
Data Filename : QC2-2-A_882022_057.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 7:13:15 PM
Date Processed : 8/9/2022 7:52:34 AM
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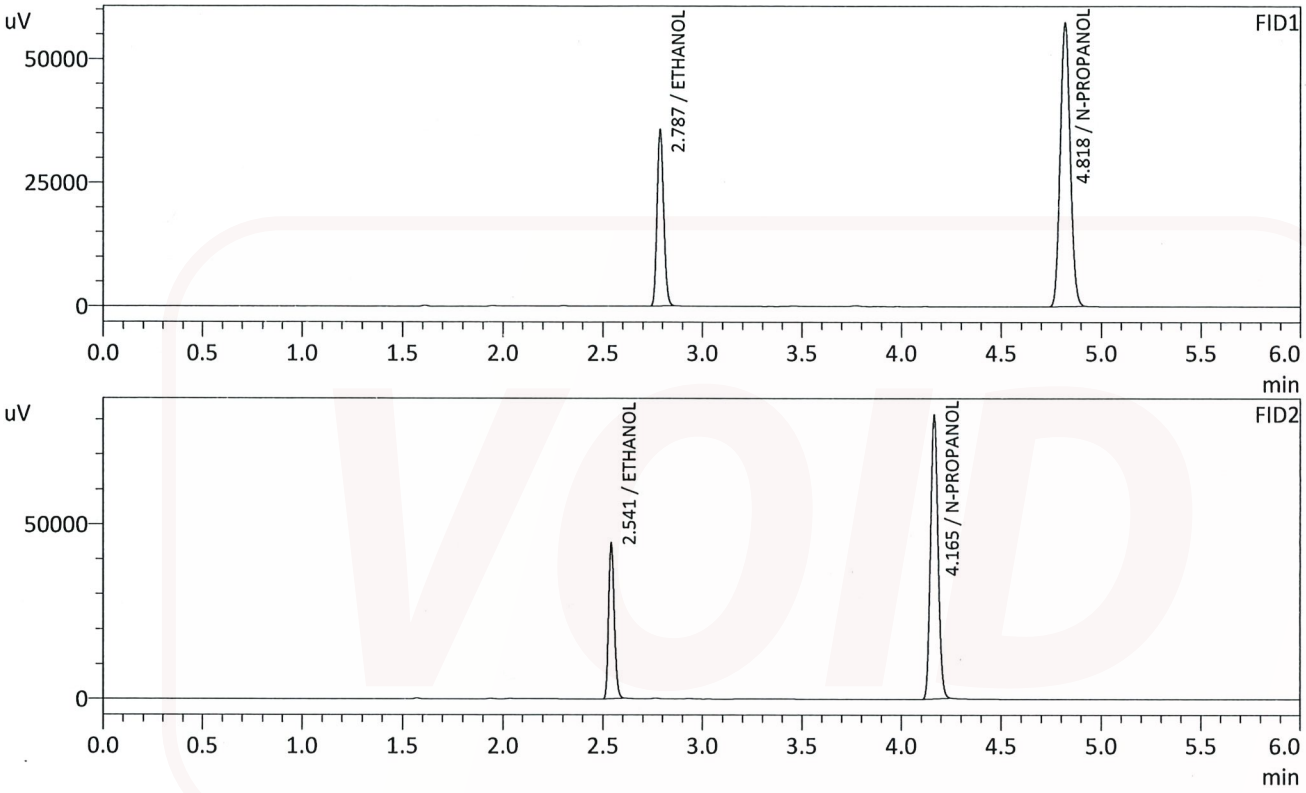

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2321	g/100cc	83104	35431
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	200496	57318
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2311	g/100cc	88607	44486
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	214177	81059
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

QC does not meet method parameters. Case samples preceding or following the QC will be re-run at a later date.
8-9-22 TS

Sample Name : QC2-2-B
Vial # : 58
Data Filename : QC2-2-B_882022_058.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 7:23:02 PM
Date Processed : 8/9/2022 7:52:36 AM
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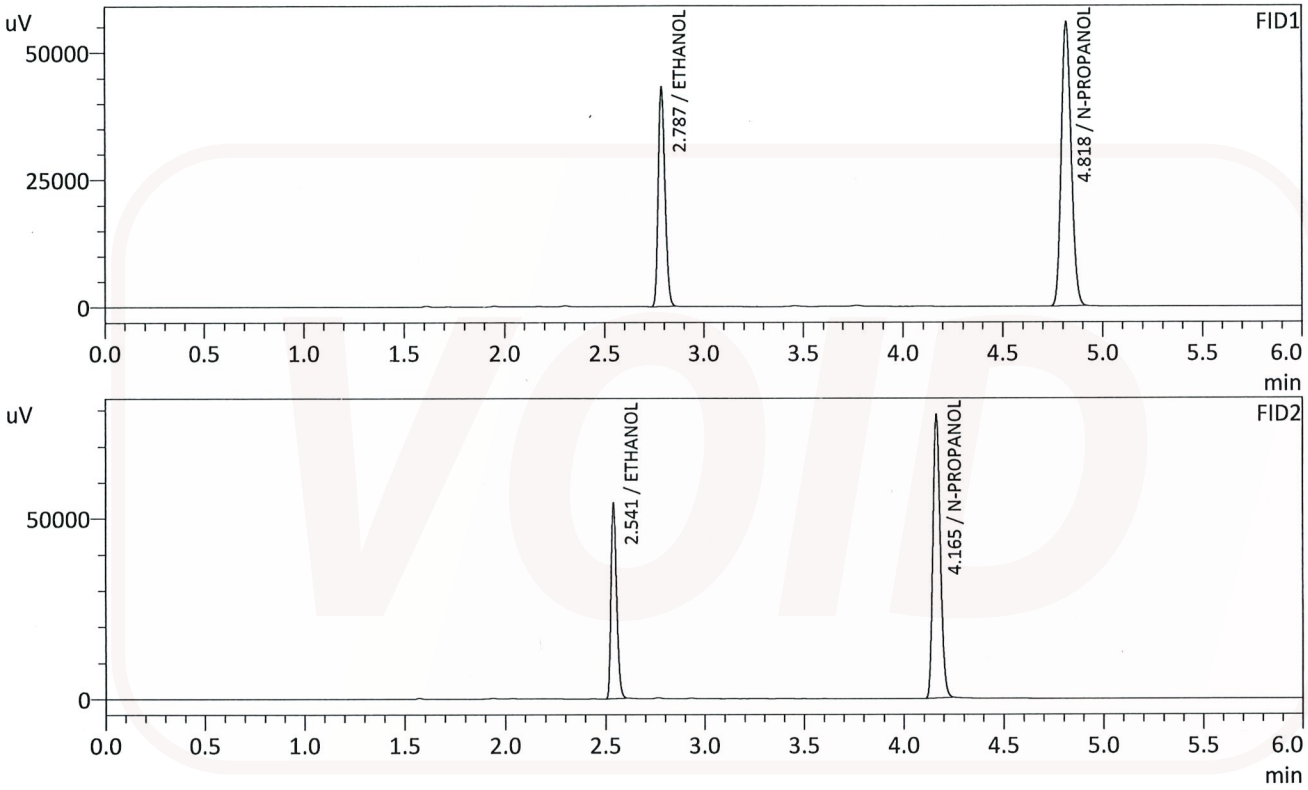

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2883	g/100cc	100191	42700
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	194265	55714
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2876	g/100cc	107123	53968
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	207208	78395
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : INT STD BLK 3
Vial # : 59
Data Filename : INT STD BLK 3_882022_059.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 7:32:31 PM
Date Processed : 8/9/2022 7:52:37 AM
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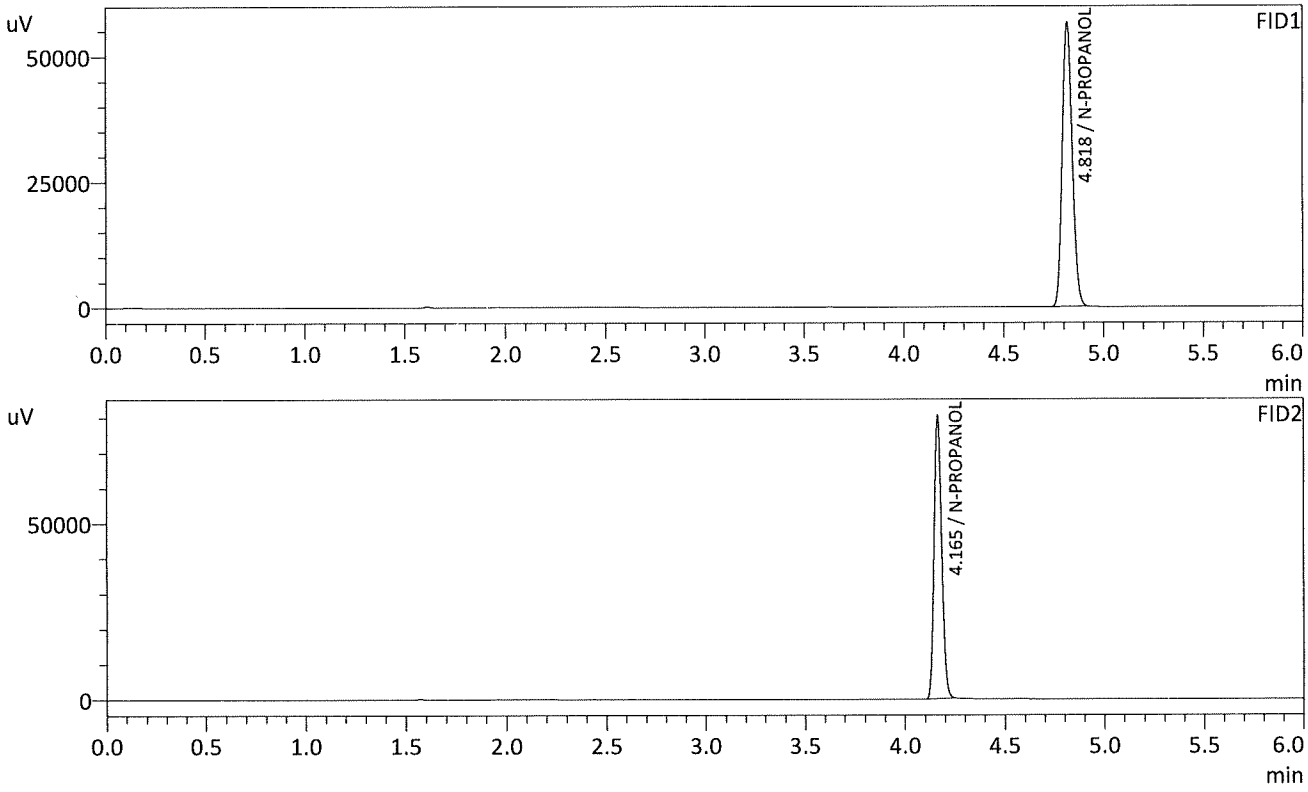

FID1

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	197834	56575
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	212028	80198
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : DFE
Vial # : 60
Data Filename : DFE_882022_060.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 7:41:47 PM
Date Processed : 8/9/2022 7:52:38 AM
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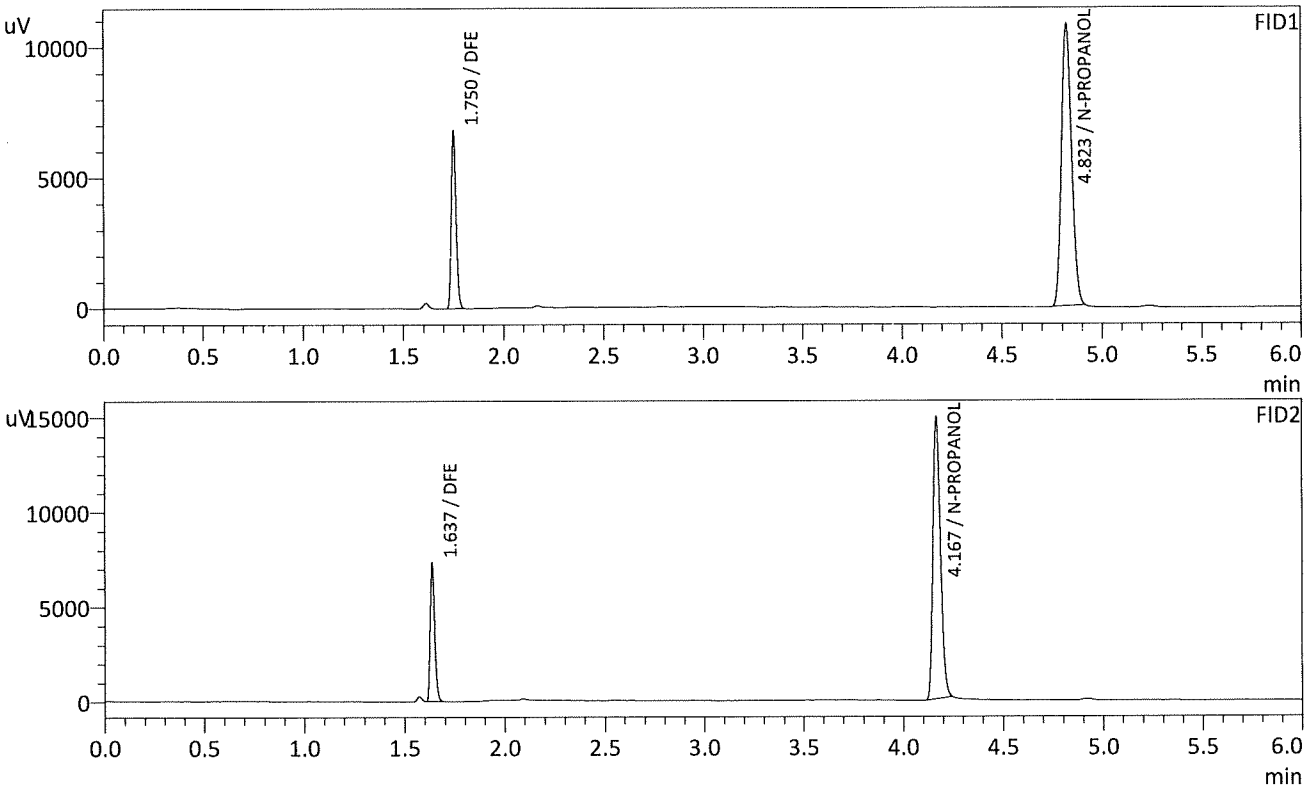


FID1

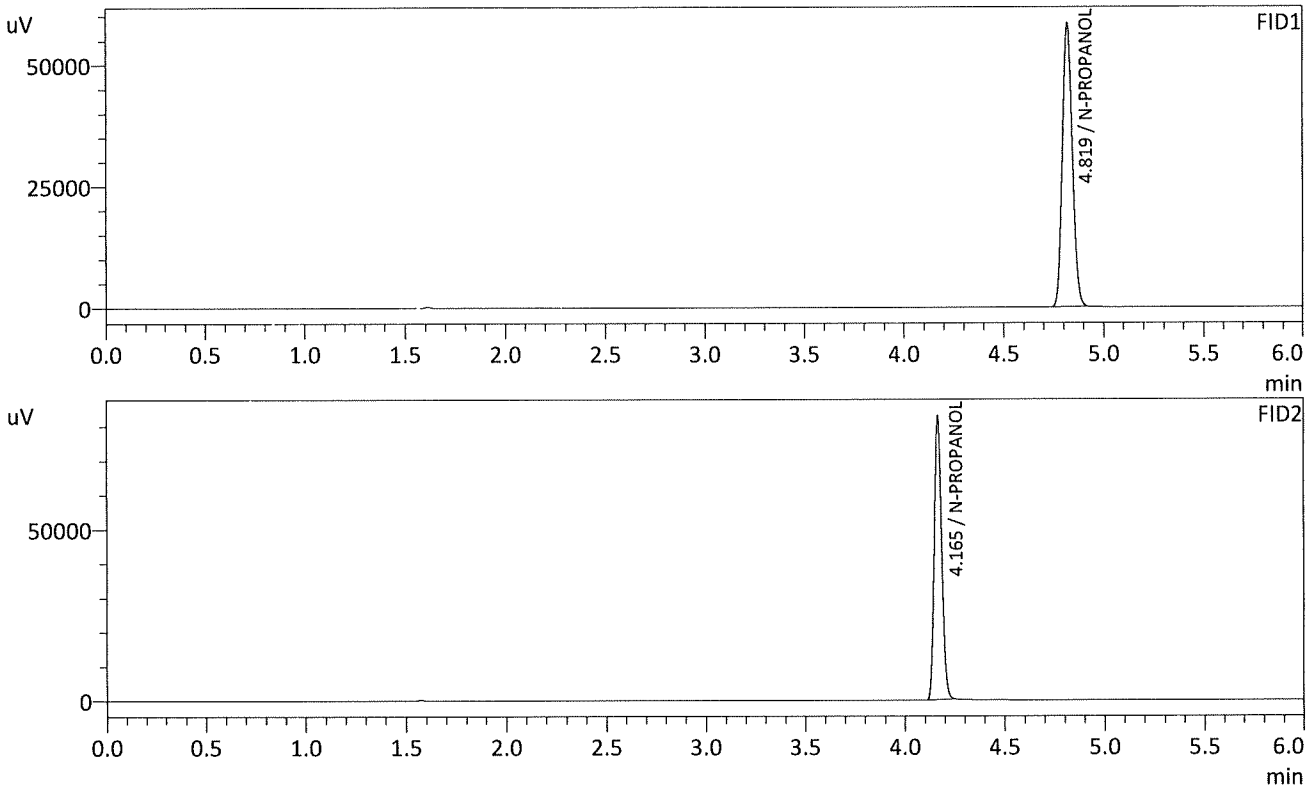
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	37710	10787
DFE	0.0000	g/100cc	11211	6619
TFE	--	g/100cc	--	--

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	39379	14778
DFE	0.0000	g/100cc	11308	7254
TFE	--	g/100cc	--	--

D

Sample Name : INT STD BLK 4
Vial # : 61
Data Filename : INT STD BLK 4_882022_061.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 8-8-22 TS_post.gcb
Date Acquired : 8/8/2022 7:51:38 PM
Date Processed : 8/9/2022 7:52:40 AM
C:\LabSolutions\Data\2022\8-8-22 TS\ALCOHOL.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	203440	58333
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	217991	82769
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662
Shimadzu HS-20 Serial Number: C12595700014
LabSolutions Version 5.98

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	0.050	1:Standard:(I)	ALCOHOL.gcm	0.050_882022_001.gcd	1
2	0.100	1:Standard:(R)	ALCOHOL.gcm	0.100_882022_002.gcd	2
3	0.200	1:Standard:(R)	ALCOHOL.gcm	0.200_882022_003.gcd	3
4	0.300	1:Standard:(R)	ALCOHOL.gcm	0.300_882022_004.gcd	4
5	0.500	1:Standard:(R)	ALCOHOL.gcm	0.500_882022_005.gcd	5
6	INT STD BLK 1	0:Unknown	ALCOHOL.gcm	INT STD BLK 1_882022_006.gcd	0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL.gcm	MULTI-COMP MIX_882022_007.gcd	1
8	INT STD BLK 2	0:Unknown	ALCOHOL.gcm	INT STD BLK 2_882022_008.gcd	0
9	QC-1-1-A	0:Unknown	ALCOHOL.gcm	QC-1-1-A_882022_009.gcd	0
10	QC-1-1-B	0:Unknown	ALCOHOL.gcm	QC-1-1-B_882022_010.gcd	0
11	0.08 QA - A	0:Unknown	ALCOHOL.gcm	0.08 QA - A_882022_011.gcd	0
12	0.08 QA - B	0:Unknown	ALCOHOL.gcm	0.08 QA - B_882022_012.gcd	0
13	P2022-2150-1-A	0:Unknown	ALCOHOL.gcm	P2022-2150-1-A_882022_013.gcd	0
14	P2022-2150-1-B	0:Unknown	ALCOHOL.gcm	P2022-2150-1-B_882022_014.gcd	0
15	P2022-2336-1-A	0:Unknown	ALCOHOL.gcm	P2022-2336-1-A_882022_015.gcd	0
16	P2022-2336-1-B	0:Unknown	ALCOHOL.gcm	P2022-2336-1-B_882022_016.gcd	0
17	P2022-2350-1-A	0:Unknown	ALCOHOL.gcm	P2022-2350-1-A_882022_017.gcd	0
18	P2022-2350-1-B	0:Unknown	ALCOHOL.gcm	P2022-2350-1-B_882022_018.gcd	0
19	P2022-2351-1-A	0:Unknown	ALCOHOL.gcm	P2022-2351-1-A_882022_019.gcd	0
20	P2022-2351-1-B	0:Unknown	ALCOHOL.gcm	P2022-2351-1-B_882022_020.gcd	0
21	P2022-2354-1-A	0:Unknown	ALCOHOL.gcm	P2022-2354-1-A_882022_021.gcd	0
22	P2022-2354-1-B	0:Unknown	ALCOHOL.gcm	P2022-2354-1-B_882022_022.gcd	0
23	P2022-2357-1-A	0:Unknown	ALCOHOL.gcm	P2022-2357-1-A_882022_023.gcd	0
24	P2022-2357-1-B	0:Unknown	ALCOHOL.gcm	P2022-2357-1-B_882022_024.gcd	0
25	P2022-2360-1-A	0:Unknown	ALCOHOL.gcm	P2022-2360-1-A_882022_025.gcd	0
26	P2022-2360-1-B	0:Unknown	ALCOHOL.gcm	P2022-2360-1-B_882022_026.gcd	0
27	P2022-2361-1-A	0:Unknown	ALCOHOL.gcm	P2022-2361-1-A_882022_027.gcd	0
28	P2022-2361-1-B	0:Unknown	ALCOHOL.gcm	P2022-2361-1-B_882022_028.gcd	0
29	P2022-2364-1-A	0:Unknown	ALCOHOL.gcm	P2022-2364-1-A_882022_029.gcd	0
30	P2022-2364-1-B	0:Unknown	ALCOHOL.gcm	P2022-2364-1-B_882022_030.gcd	0
31	QC-2-1-A	0:Unknown	ALCOHOL.gcm	QC-2-1-A_882022_031.gcd	0
32	QC-2-1-B	0:Unknown	ALCOHOL.gcm	QC-2-1-B_882022_032.gcd	0
33	P2022-2367-1-A	0:Unknown	ALCOHOL.gcm	P2022-2367-1-A_882022_033.gcd	0
34	P2022-2367-1-B	0:Unknown	ALCOHOL.gcm	P2022-2367-1-B_882022_034.gcd	0
35	P2022-2383-1-A	0:Unknown	ALCOHOL.gcm	P2022-2383-1-A_882022_035.gcd	0
36	P2022-2383-1-B	0:Unknown	ALCOHOL.gcm	P2022-2383-1-B_882022_036.gcd	0
37	P2022-2385-1-A	0:Unknown	ALCOHOL.gcm	P2022-2385-1-A_882022_037.gcd	0
38	P2022-2385-1-B	0:Unknown	ALCOHOL.gcm	P2022-2385-1-B_882022_038.gcd	0
39	P2022-2386-1-A	0:Unknown	ALCOHOL.gcm	P2022-2386-1-A_882022_039.gcd	0
40	P2022-2386-1-B	0:Unknown	ALCOHOL.gcm	P2022-2386-1-B_882022_040.gcd	0
41	P2022-2388-2-A	0:Unknown	ALCOHOL.gcm	P2022-2388-2-A_882022_041.gcd	0
42	P2022-2388-2-B	0:Unknown	ALCOHOL.gcm	P2022-2388-2-B_882022_042.gcd	0
43	P2022-2404-1-A	0:Unknown	ALCOHOL.gcm	P2022-2404-1-A_882022_043.gcd	0
44	P2022-2404-1-B	0:Unknown	ALCOHOL.gcm	P2022-2404-1-B_882022_044.gcd	0
45	P2022-2405-1-A	0:Unknown	ALCOHOL.gcm	P2022-2405-1-A_882022_045.gcd	0
46	P2022-2405-1-B	0:Unknown	ALCOHOL.gcm	P2022-2405-1-B_882022_046.gcd	0
47	P2022-2408-1-A	0:Unknown	ALCOHOL.gcm	P2022-2408-1-A_882022_047.gcd	0
48	P2022-2408-1-B	0:Unknown	ALCOHOL.gcm	P2022-2408-1-B_882022_048.gcd	0
49	P2022-2410-1-A	0:Unknown	ALCOHOL.gcm	P2022-2410-1-A_882022_049.gcd	0
50	P2022-2410-1-B	0:Unknown	ALCOHOL.gcm	P2022-2410-1-B_882022_050.gcd	0
51	P2022-2428-1-A	0:Unknown	ALCOHOL.gcm	P2022-2428-1-A_882022_051.gcd	0
52	P2022-2428-1-B	0:Unknown	ALCOHOL.gcm	P2022-2428-1-B_882022_052.gcd	0

TS

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
53	QC1-2-A	0:Unknown	ALCOHOL.gcm	QC1-2-A_882022_053.gcd	0
54	QC1-2-B	0:Unknown	ALCOHOL.gcm	QC1-2-B_882022_054.gcd	0
55	P2022-2454-1-A	0:Unknown	ALCOHOL.gcm	P2022-2454-1-A_882022_055.gcd	0
56	P2022-2454-1-B	0:Unknown	ALCOHOL.gcm	P2022-2454-1-B_882022_056.gcd	0
57	QC2-2-A	0:Unknown	ALCOHOL.gcm	QC2-2-A_882022_057.gcd	0
58	QC2-2-B	0:Unknown	ALCOHOL.gcm	QC2-2-B_882022_058.gcd	0
59	INT STD BLK 3	0:Unknown	ALCOHOL.gcm	INT STD BLK 3_882022_059.gcd	0
60	DFE	0:Unknown	ALCOHOL.gcm	DFE_882022_060.gcd	0
61	INT STD BLK 4	0:Unknown	ALCOHOL.gcm	INT STD BLK 4_882022_061.gcd	0

QC 2-2 fell outside acceptable concentration range.
The case sample associated with vial position 55-56 will be re-run at a later date.

8-9-22
TS