Worklist: 6113

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2022-1961	2	BCK	Alcohol Analysis
C2022-2087	1	BCK	Alcohol Analysis
C2022-2096	1	BCK	Alcohol Analysis
C2022-2100	1	BCK	Alcohol Analysis
C2022-2121	1	BCK	Alcohol Analysis
C2022-2126	1	BCK	Alcohol Analysis
C2022-2130	1	BCK	Alcohol Analysis
C2022-2153	1	BLOOD	Alcohol Analysis
C2022-2153	1	BLOOD	Alcohol Analysis
C2022-2154	1	BCK	Alcohol Analysis
C2022-2164	1	BCK	Alcohol Analysis
C2022-2176	1	BCK	Alcohol Analysis
C2022-2185	1	BCK	Alcohol Analysis
C2022-2186	1	BCK	Alcohol Analysis
C2022-2194	1	BCK	Alcohol Analysis
C2022-2196	1	BCK	Alcohol Analysis

99

Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Sample Type	Level#	Method File
78	BLK 4	0:Unknown	0	ALCOHOL.GCM
79	BLK 5	0:Unknown	0	ALCOHOL.GCM
80	BLK 6	0:Unknown	0	ALCOHOL.GCM
81	BLK 7	0:Unknown	0	ALCOHOL.GCM
82	BLK 8	0:Unknown	0	ALCOHOL.GCM
83	BLK 9	0:Unknown	0	ALCOHOL.GCM
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.GCM
2	0.050	1:Standard:(R)	1	ALCOHOL.GCM
3	0.100	1:Standard:(R)	2	ALCOHOL.GCM
4	0.200	1:Standard:(R)	3	ALCOHOL.GCM
5	0.300	1:Standard:(R)	4	ALCOHOL.GCM
6	0.500	1:Standard:(R)	5	ALCOHOL.GCM
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL.GCM
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.GCM
10	QC-1-1-A	0:Unknown	0	ALCOHOL.GCM
11	QC-1-1-B	0:Unknown	0	ALCOHOL.GCM
12	0.08 QA - A	0:Unknown	0	ALCOHOL.GCM
13	0.08 QA - B	0:Unknown	0	ALCOHOL.GCM
14	C2022-1961-2-A	0:Unknown	0	ALCOHOL.GCM
15	C2022-1961-2-B	0:Unknown	0	ALCOHOL.GCM
16	C2022-2087-1-A	0:Unknown	0	ALCOHOL.GCM
17	C2022-2087-1-B	0:Unknown	0	ALCOHOL.GCM
18	C2022-2096-1-A	0:Unknown	0	ALCOHOL.GCM
19	C2022-2096-1-B	0:Unknown	0	ALCOHOL.GCM
20	C2022-2100-1-A	0:Unknown	0	ALCOHOL.GCM
21	C2022-2100-1-B	0:Unknown	0	ALCOHOL.GCM
22	C2022-2121-1-A	0:Unknown	0	ALCOHOL.GCM
23	C2022-2121-1-B	0:Unknown	0	ALCOHOL.GCM
24	C2022-2126-1-A	0:Unknown	0	ALCOHOL.GCM
25	C2022-2126-1-B	0:Unknown	0	ALCOHOL.GCM
26	C2022-2130-1-A	0:Unknown	0	ALCOHOL.GCM
27	C2022-2130-1-B	0:Unknown	0	ALCOHOL.GCM
28	C2022-2153-1-A	0:Unknown	0	ALCOHOL.GCM
29	C2022-2153-1-B	0:Unknown	0	ALCOHOL.GCM
30	C2022-2154-1-A	0:Unknown	0	ALCOHOL.GCM
31	C2022-2154-1-B	0:Unknown	0	ALCOHOL.GCM
32	QC-2-1-A	0:Unknown	0	ALCOHOL.GCM
33	QC-2-1-B	0:Unknown	0	ALCOHOL.GCM
34	C2022-2164-1-A	0:Unknown	0	ALCOHOL.GCM
35	C2022-2164-1-B	0:Unknown	0	ALCOHOL.GCM
36	C2022-2176-1-A	0:Unknown	0	ALCOHOL.GCM
37	C2022-2176-1-B	0:Unknown	0	ALCOHOL.GCM
38	C2022-2185-1-A	0:Unknown	0	ALCOHOL.GCM
39	C2022-2185-1-B	0:Unknown	0	ALCOHOL.GCM
40	C2022-2186-1-A	0:Unknown	0	ALCOHOL.GCM
41	C2022-2186-1-B	0:Unknown	0	ALCOHOL.GCM
42	C2022-2194-1-A	0:Unknown	0	ALCOHOL.GCM
43	C2022-2194-1-B	0:Unknown	0	ALCOHOL.GCM
44	C2022-2196-1-A	0:Unknown	0	ALCOHOL.GCM
45	C2022-2196-1-B	0:Unknown	0	ALCOHOL.GCM
46	QC-2-2-A	0:Unknown	0	ALCOHOL.GCM
47	QC-2-2-B	0:Unknown	0	ALCOHOL.GCM
48	INT STD BLK 4	0:Unknown	0	ALCOHOL.GCM
49	DFE	0:Unknown	0	ALCOHOL.GCM
50	TFE	0:Unknown	0	ALCOHOL.GCM

99

66

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor *Serial Number:* *ML600HC11379*

Volatiles Quality Assurance Controls **Run Date(s):** **10/1/2022**

Calibration Date: *(if different)*

Worklist #: **Worklist # 6113**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0811 g/100cc
					g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2055 g/100cc
					0.2053 g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	**July 31, 2024**	**Lot #**	FN04231907		OK
Curve Fit:		**Column 1**	0.99990		**Column2**	0.99986

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0515	0.0523	0.0008	0.0519
100	0.100	0.090 - 0.110	0.1004	0.1000	0.0004	0.1002
200	0.200	0.180 - 0.220	0.1971	0.1967	0.0004	0.1969
300	0.300	0.270 - 0.330	0.2998	0.2995	0.0003	0.2996
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5009	0.5013	0.0004	0.5011

Aqueous Controls

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

REVIEWED
By Rachel Cutler at 12:44 pm, Oct 05, 2022

Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

66

Internal Standard Monitoring Worksheet

Worklist #:	Worklist # 6113	Run Date(s):	10/1/2022

Internal Standard Solution: Lot# A014463901	Prep Date:	8/23/2022	Exp Date:	2/23/2023

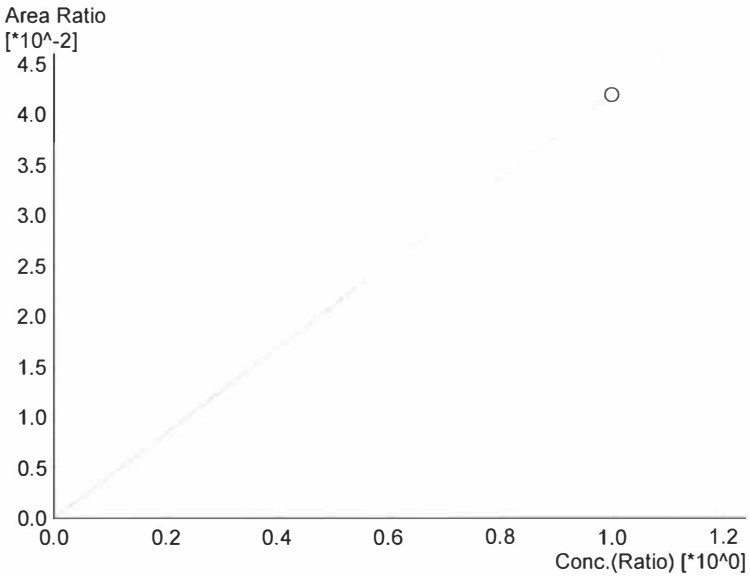
Sample Name	Column 1 Value	Column 2 Value
0.080	247630	276507
0.080	247200	276071
QC1	316782	353176
QC1	289600	322618
QC1		
QC1		
QC1		
QC1		
QC2	273611	305639
QC2	260405	291157
QC2	274027	303163
QC2	272092	301753
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	272668.4	218134.7	327202.1
Column 2	303760.5	243008.4	364512.6

Calibration Table

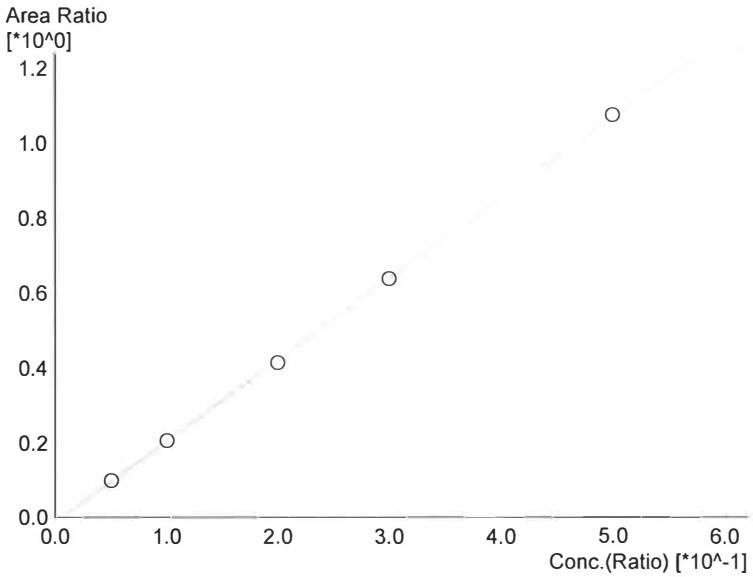
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Batch File :C:\LabSolutions\Data\10-1-22\10-1-22.gcb
Date Acquired :10/1/2022 2:17:51 PM
Date Created :10/1/2022 2:15:20 PM
Date Modified :10/3/2022 2:23:53 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0419258*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

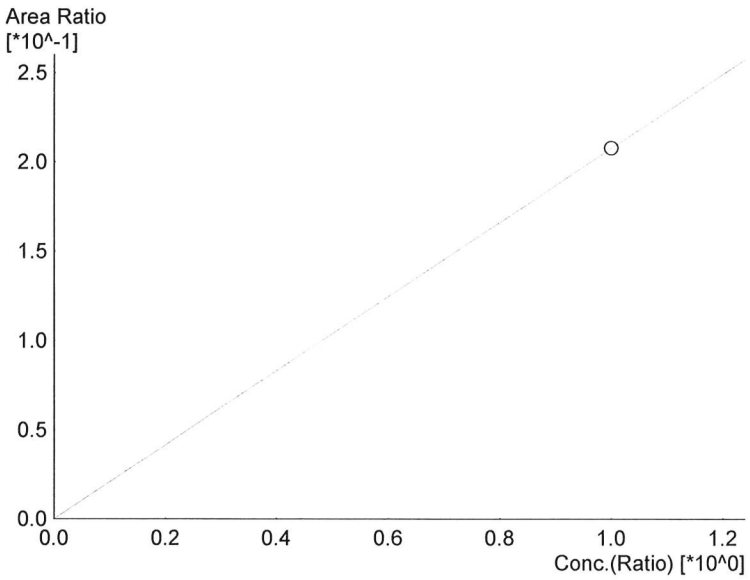
#	Conc.	Area	Std. Conc.
6	1.000	11326	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.17087*x-0.0134291
R^2 value= 0.9999089
FitType: Linear
ZeroThrough: Not Through

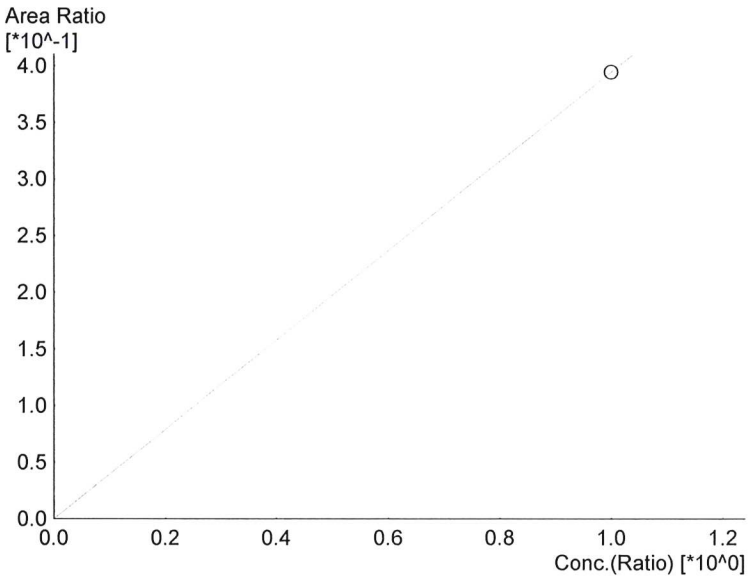
#	Conc.	Area	Std. Conc.
1	0.050	23079	0.0515
2	0.100	48051	0.1004
3	0.200	98336	0.1971
4	0.300	153144	0.2998
5	0.500	255983	0.5009

99



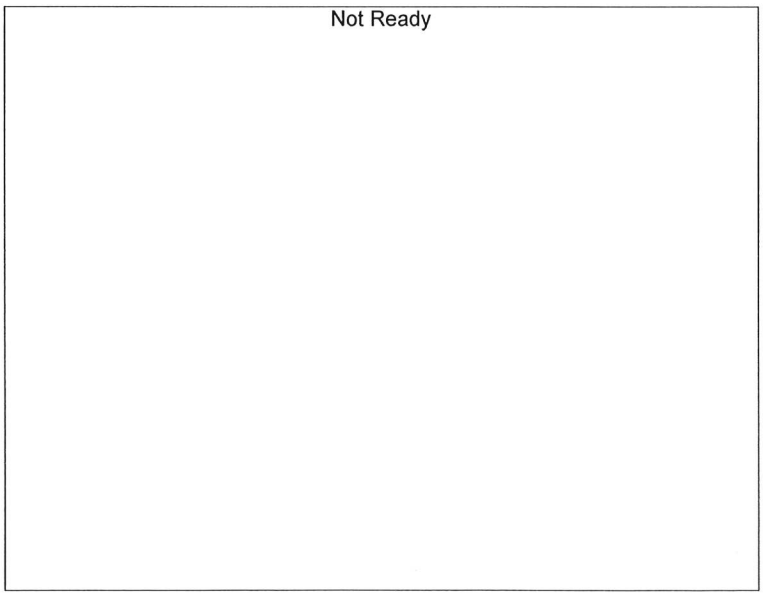
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.207784*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	56130	1.0000



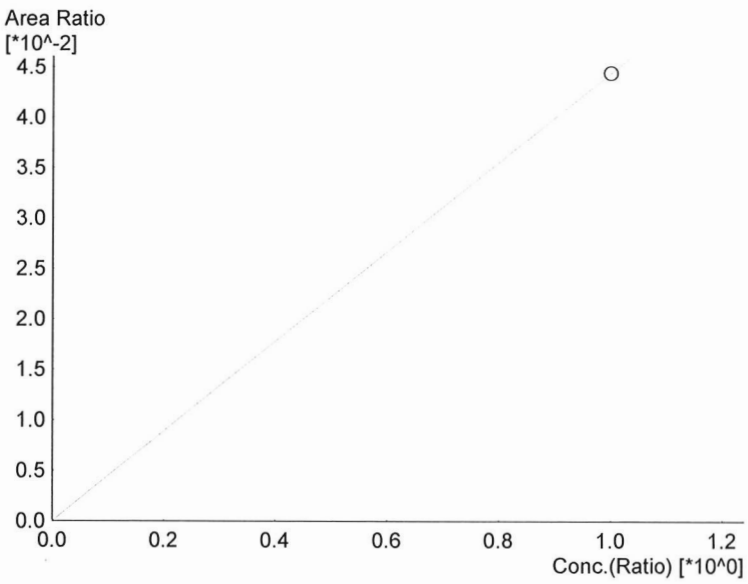
Name : Acetone
Detector Name: FID1
Function : f(x)=0.394509*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	106570	1.0000



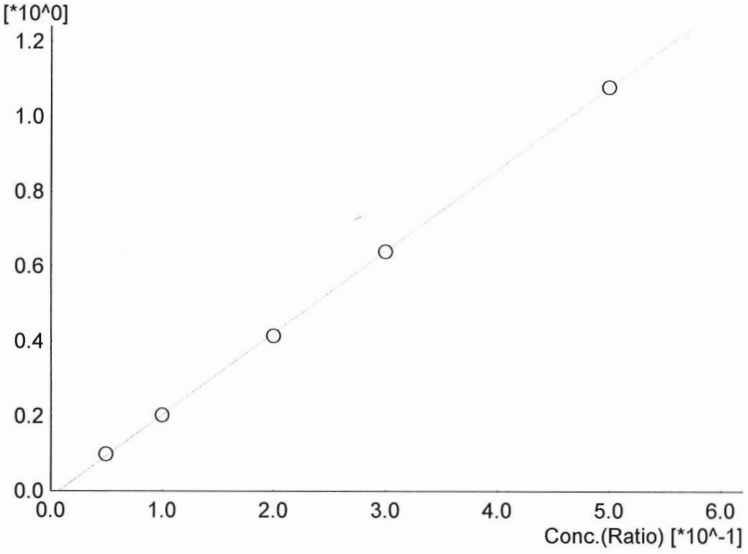
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



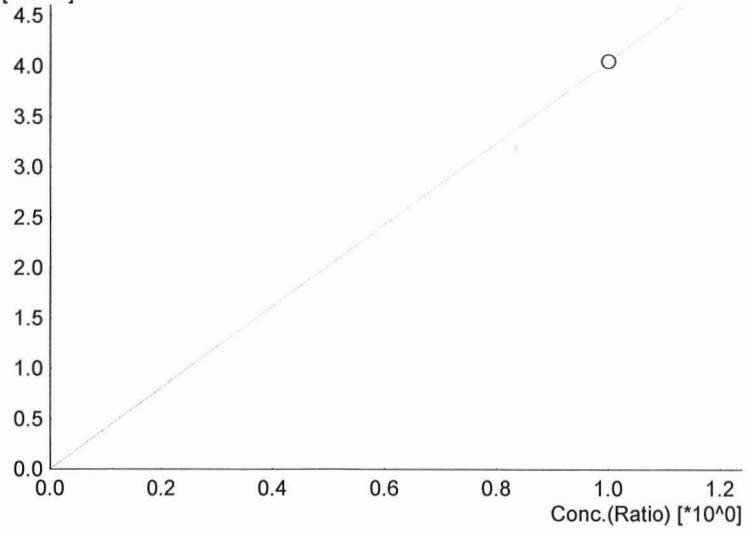
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0444394*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	13402	1.0000



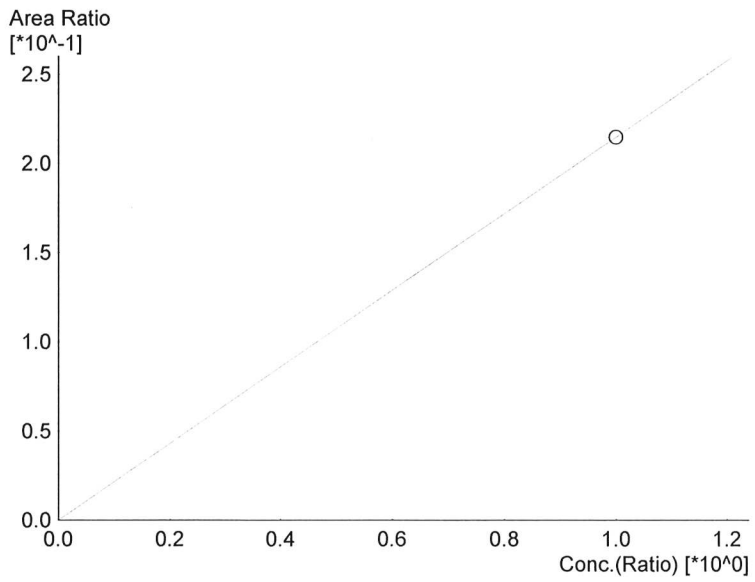
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.18671*x-0.0162254
R^2 value= 0.9998610
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	25628	0.0523
2	0.100	53112	0.1000
3	0.200	109519	0.1967
4	0.300	171281	0.2995
5	0.500	286616	0.5013



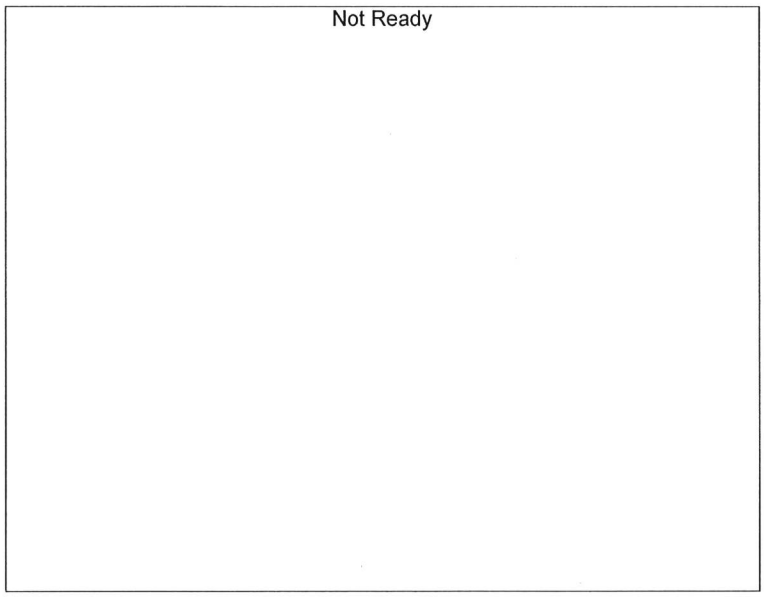
Name : Acetone
Detector Name: FID2
Function : f(x)=0.405472*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	122282	1.0000



Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.214693*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	64747	1.0000

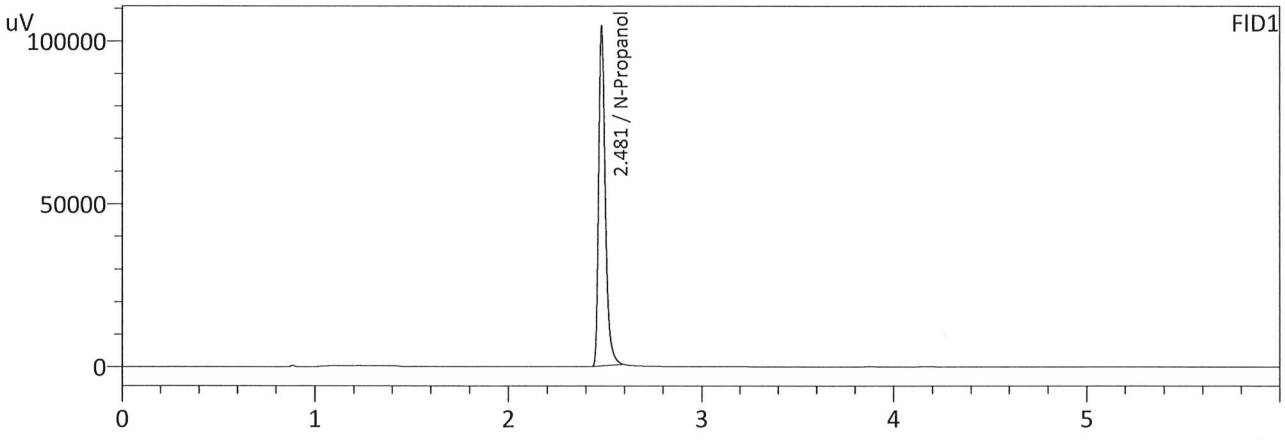


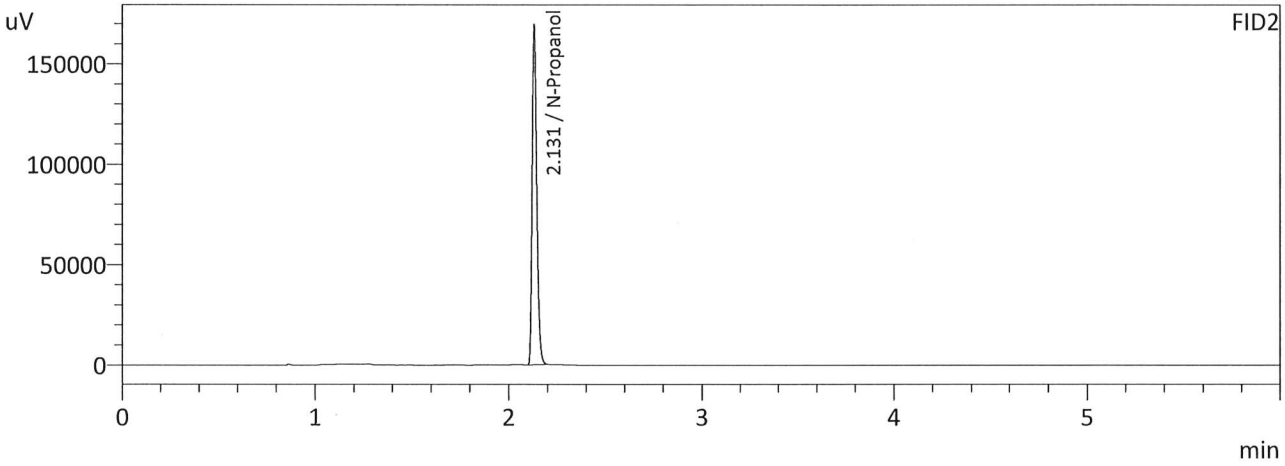
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 1:30:21 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

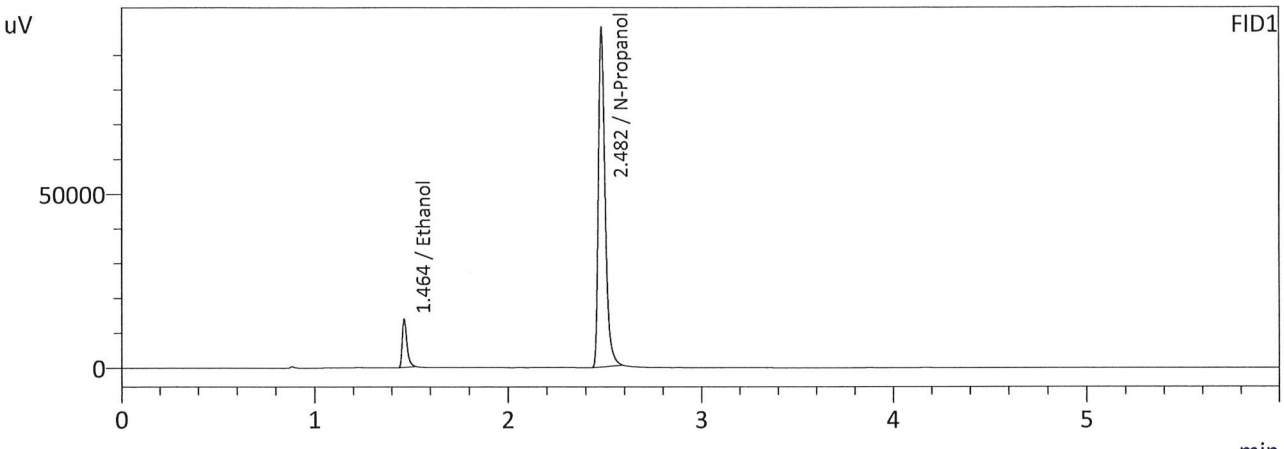
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251535	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

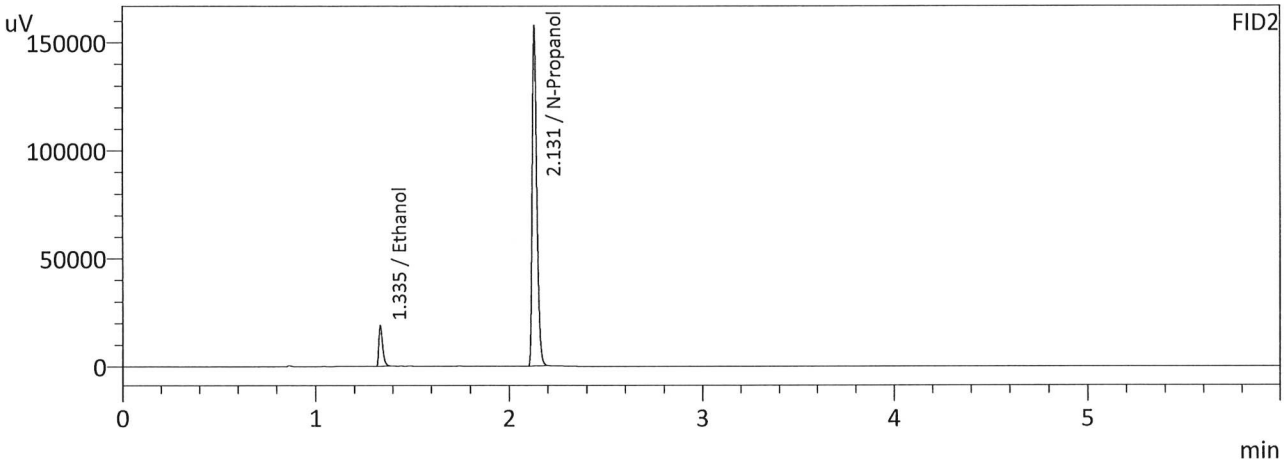
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	281489	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 1:39:03 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

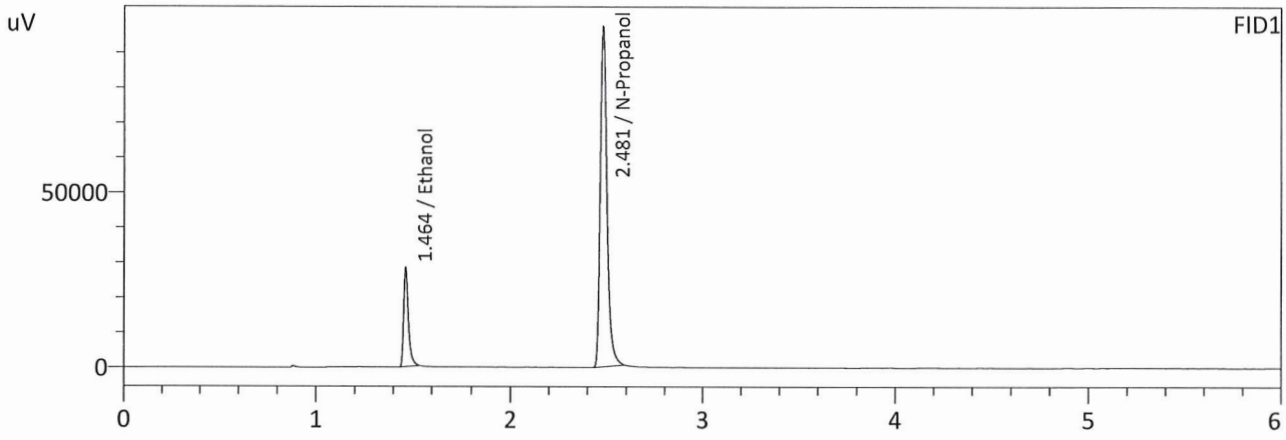
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0515	23079	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234211	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

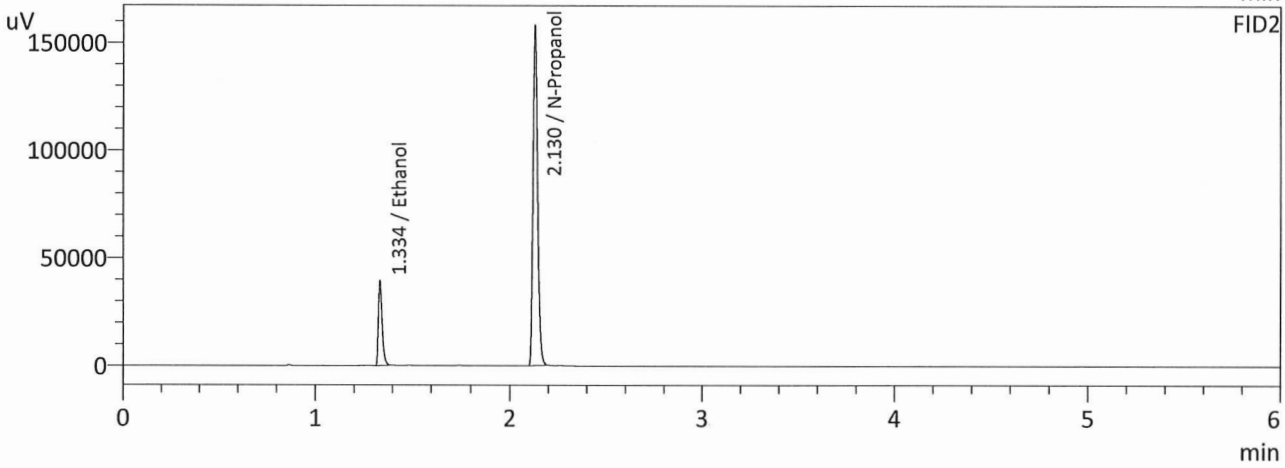
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0523	25628	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261086	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 1:49:46 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

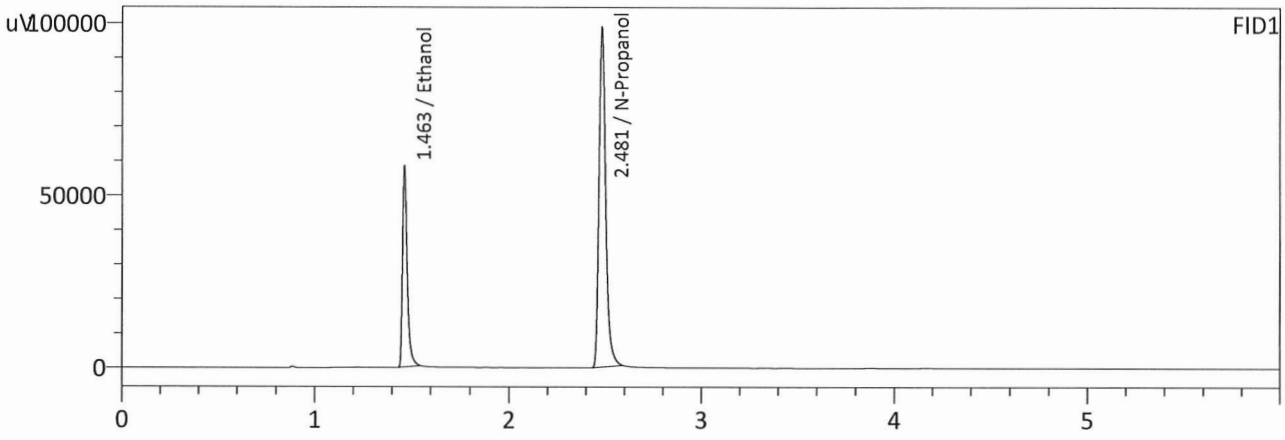
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1004	48051	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234873	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

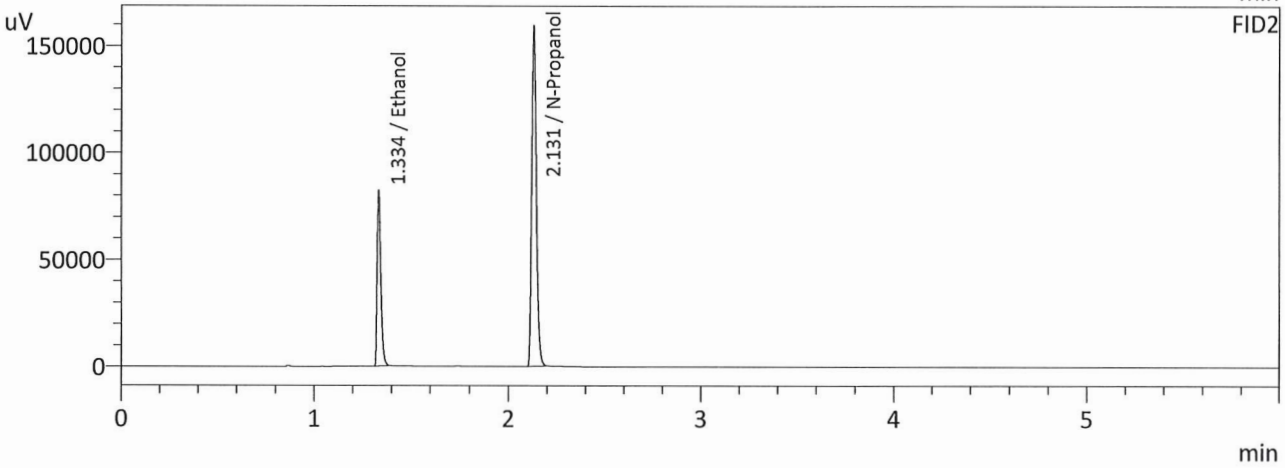
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1000	53112	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	262222	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 1:58:27 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

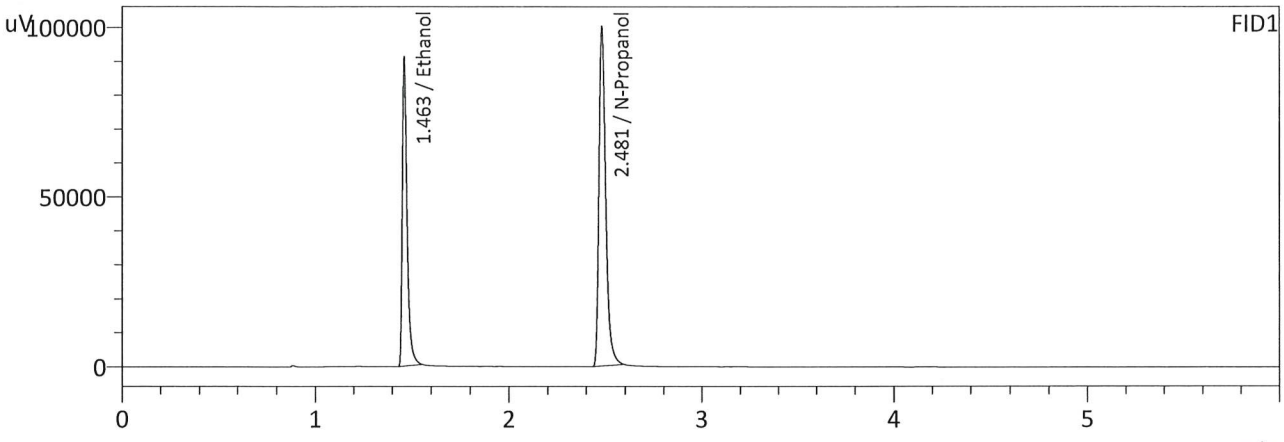
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	98336	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237179	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

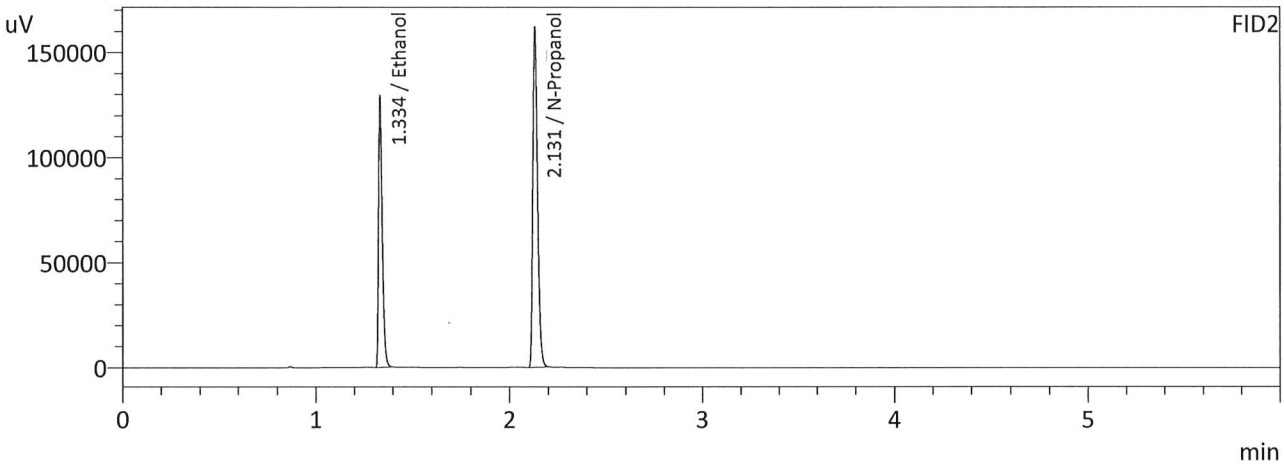
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	109519	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264540	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 2:09:11 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

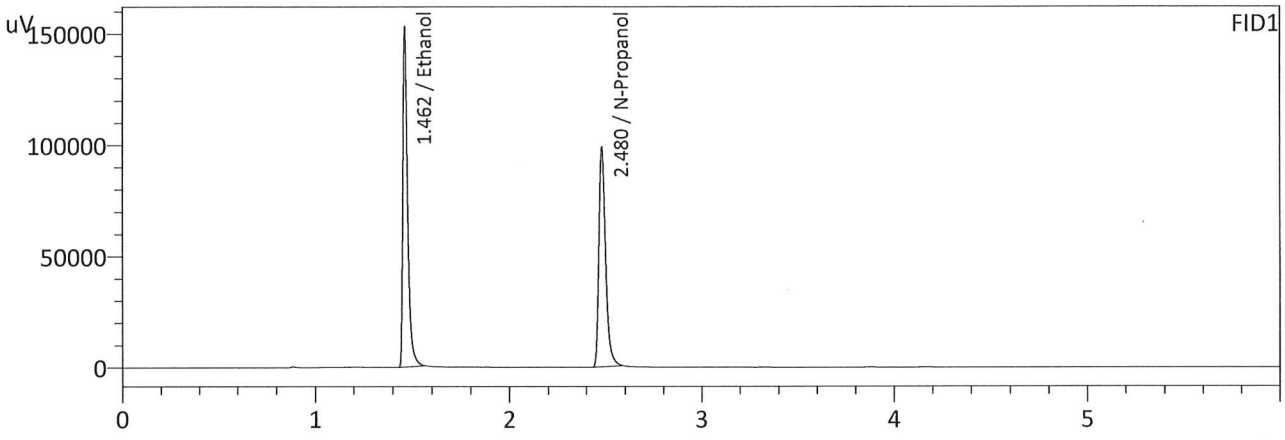
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2998	153144	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240232	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

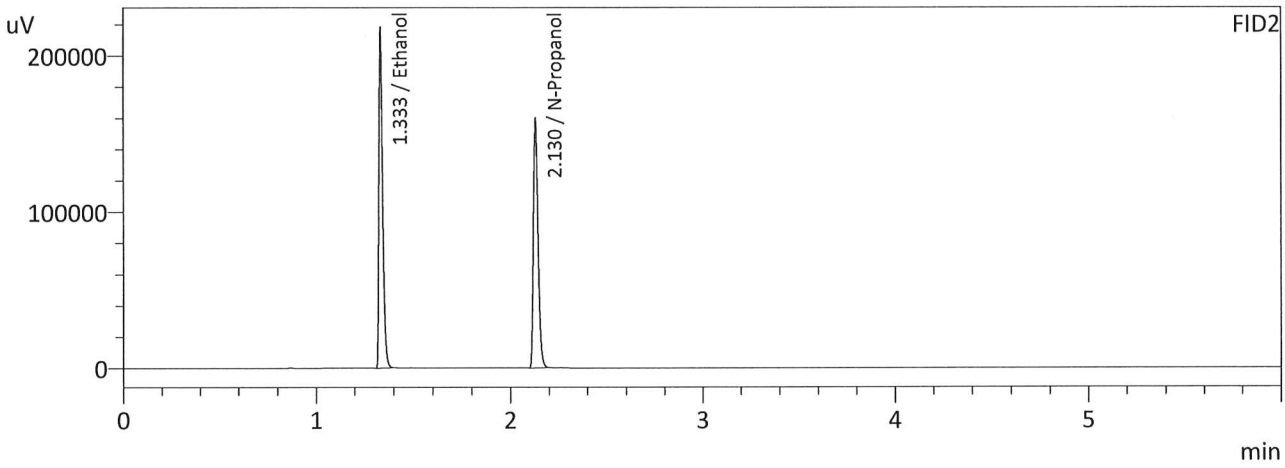
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2995	171281	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	268088	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 2:17:51 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

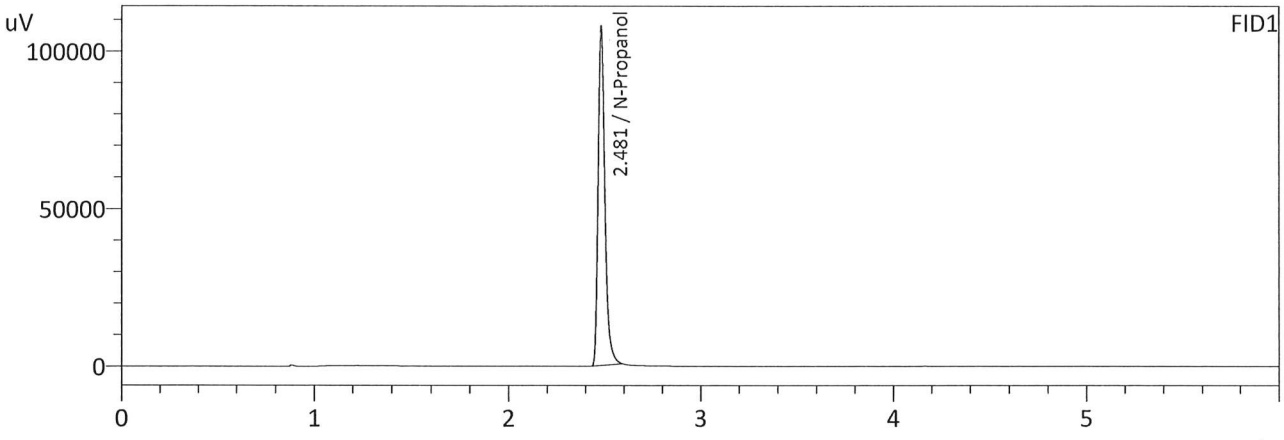
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5009	255983	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238313	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

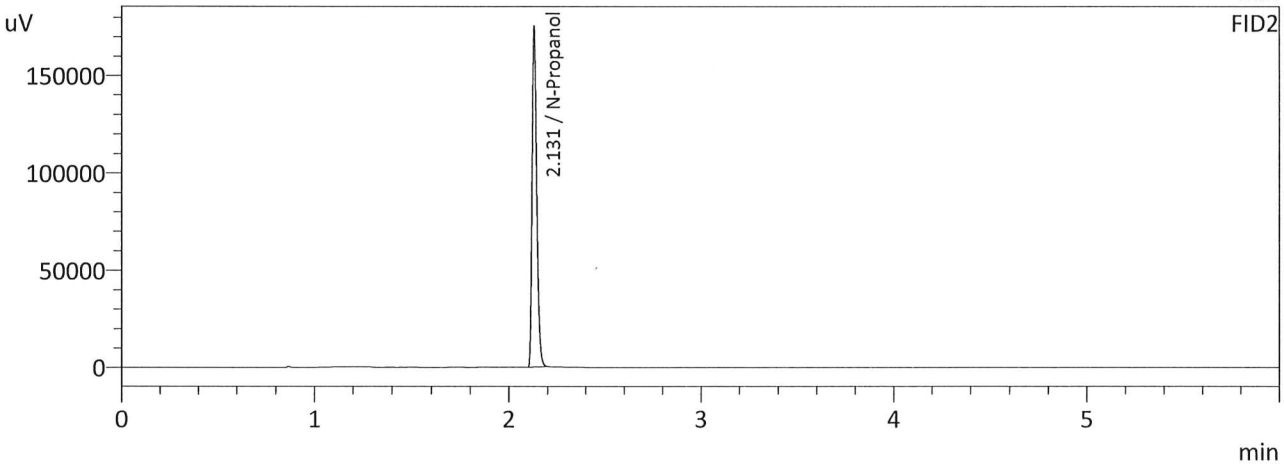
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5013	286616	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	265389	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 2:28:36 PM
Vial # : 7
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

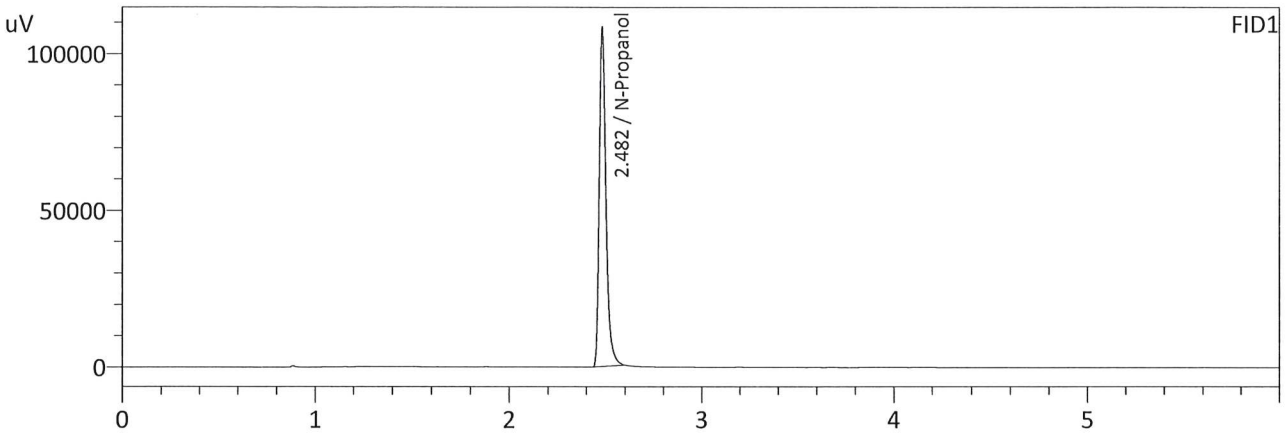
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260273	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

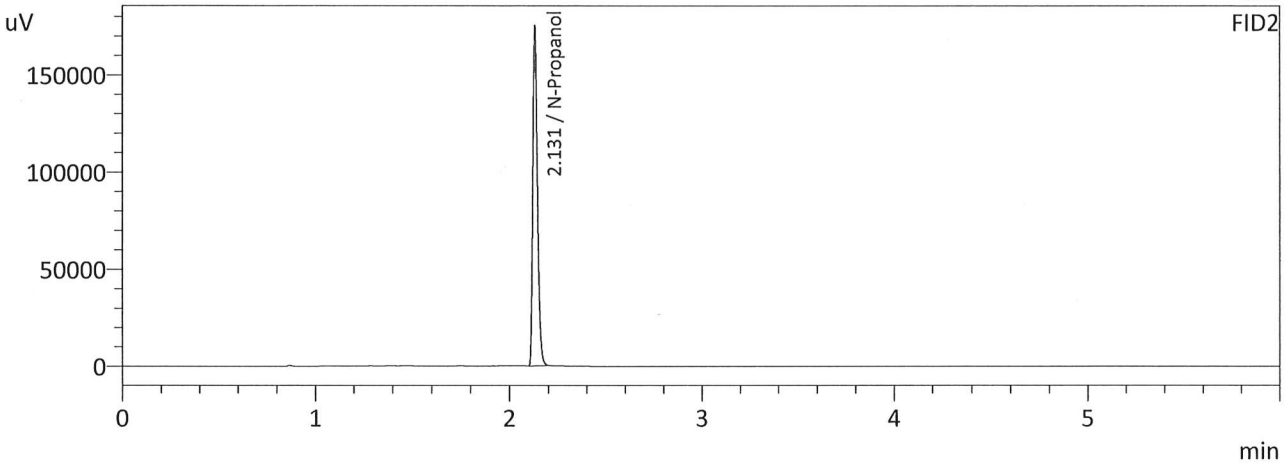
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	291245	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 2:48:01 PM
Vial # : 9
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

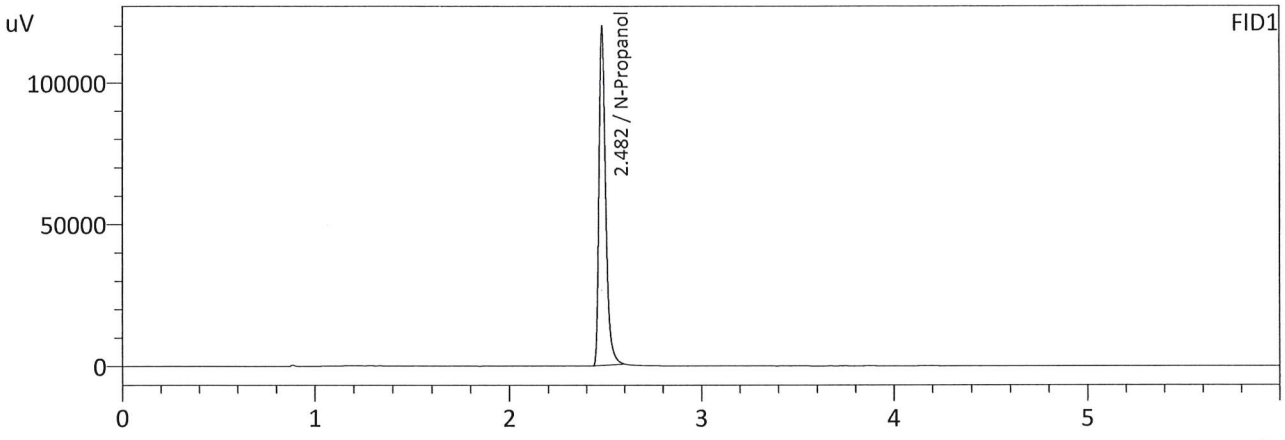
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260055	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

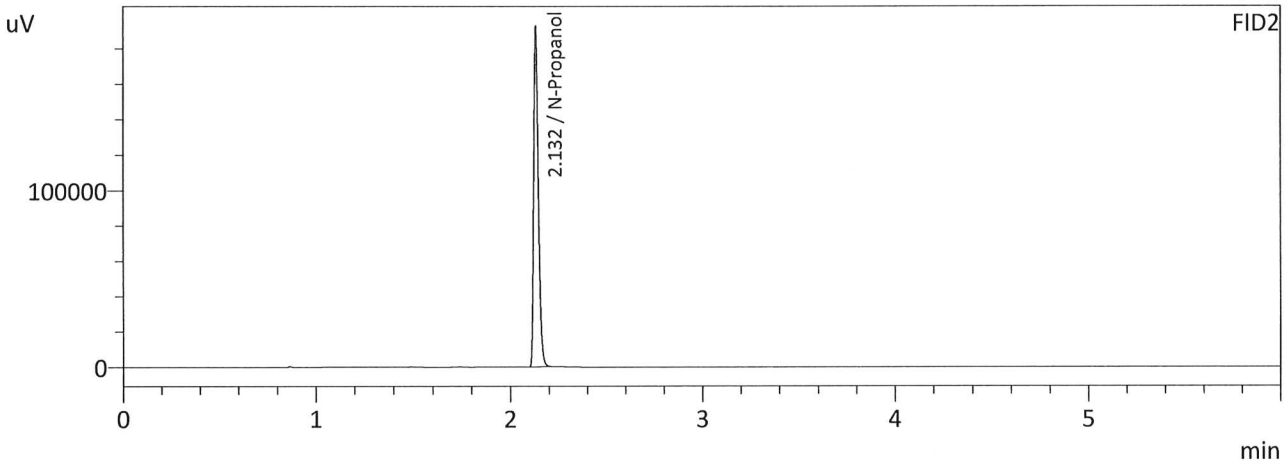
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	290503	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 9:05:35 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

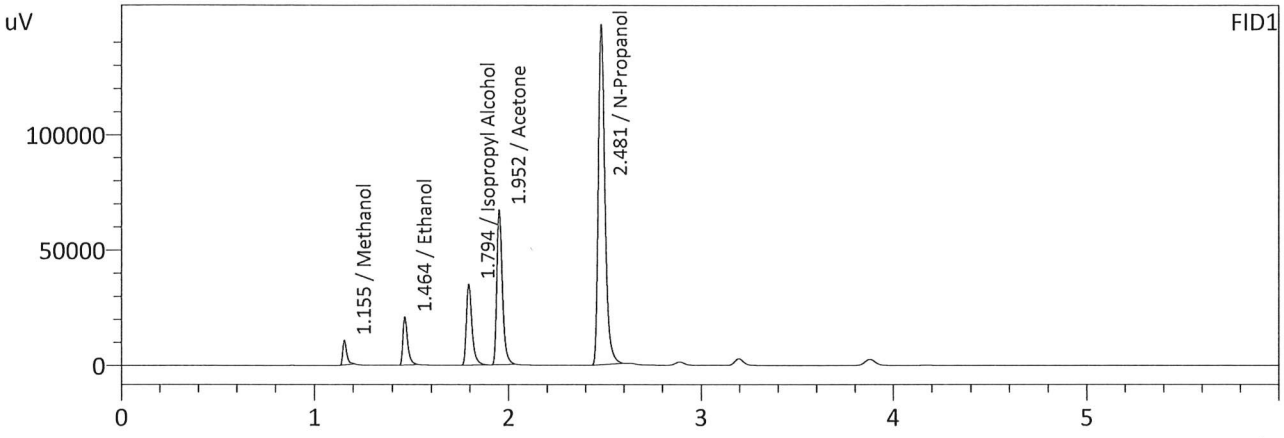
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	287219	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

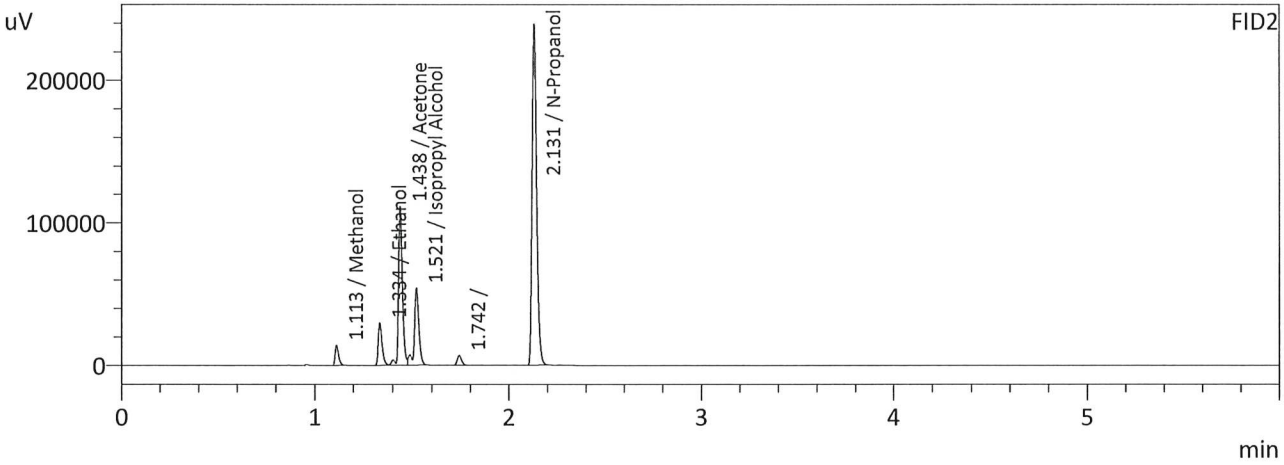
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	318321	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 2:37:16 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

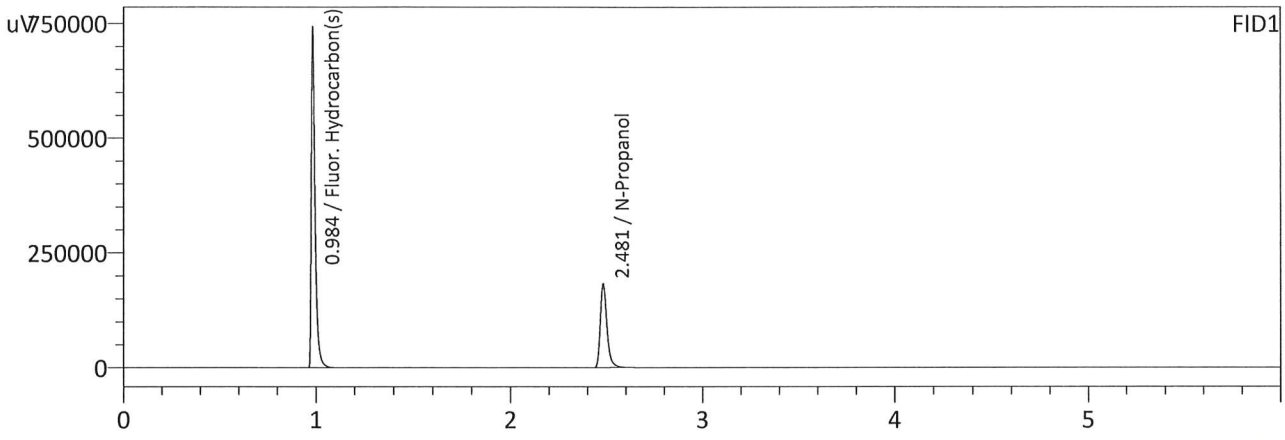
Name	Conc.	Area	Unit
Methanol	1.0000	15004	g/100cc
Ethanol	0.0519	34829	g/100cc
Isopropyl Alcohol	1.0000	71137	g/100cc
Acetone	1.0000	133576	g/100cc
N-Propanol	0.0000	350481	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

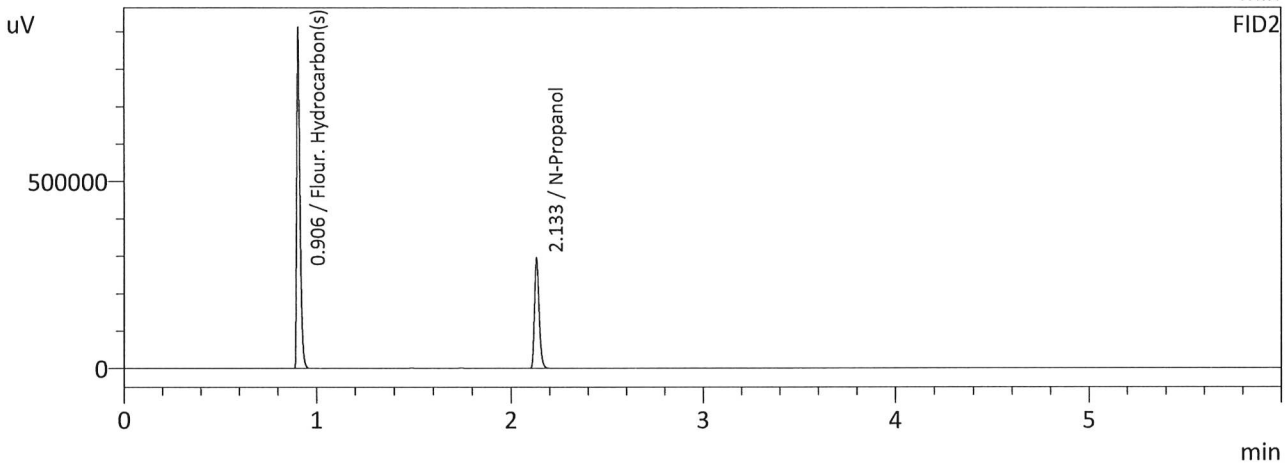
FID2

Name	Conc.	Area	Unit
Methanol	1.0000	17613	g/100cc
Ethanol	0.0545	40339	g/100cc
Acetone	1.0000	154497	g/100cc
Isopropyl Alcohol	1.0000	86600	g/100cc
N-Propanol	0.0000	391343	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : DFE
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 9:16:20 PM
Vial # : 49
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

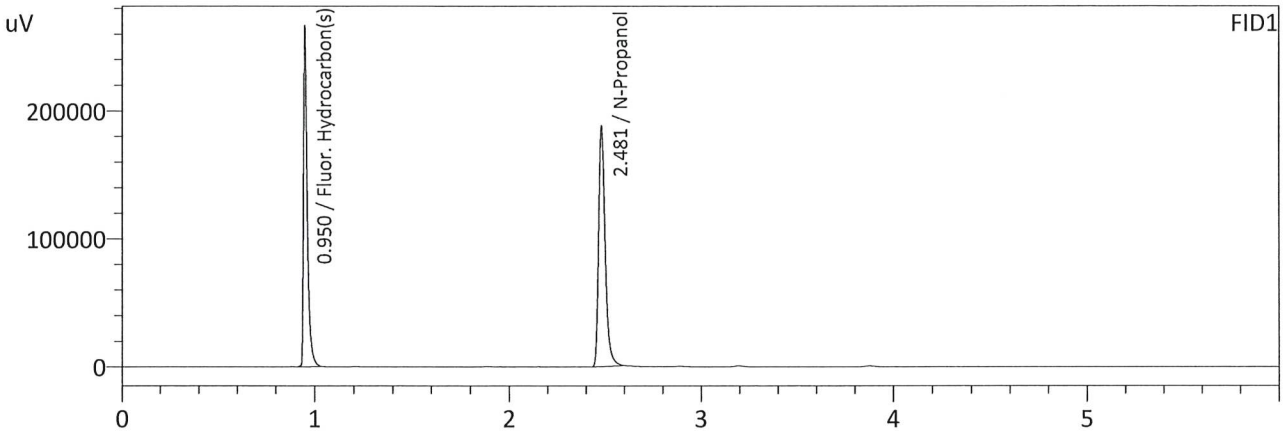
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	436449	g/100cc
Fluor. Hydrocarbon(s)	0.0000	971187	g/100cc

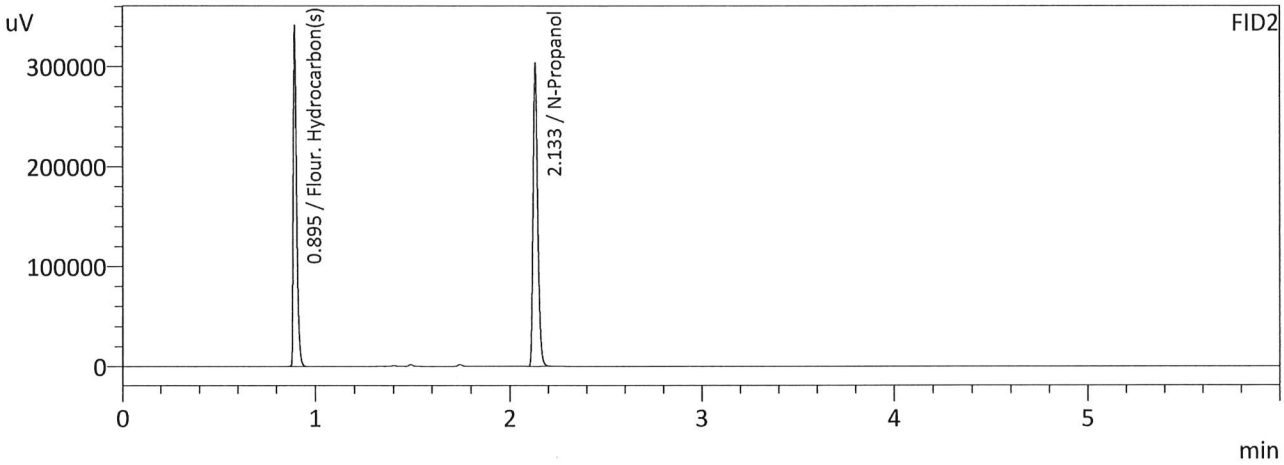
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	485090	g/100cc
Flour. Hydrocarbon(s)	0.0000	1057360	g/100cc

99

Sample Name : TFE
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 9:24:51 PM
Vial # : 50
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	447049	g/100cc
Fluor. Hydrocarbon(s)	0.0000	356572	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	497559	g/100cc
Flour. Hydrocarbon(s)	0.0000	395574	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 **Item #** **Analysis Date(s): 10/1/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0802	0.0001	0.0801	0.0001	0.0800
(g/100cc)	0.0799	0.0801	0.0002	0.0800		

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%**

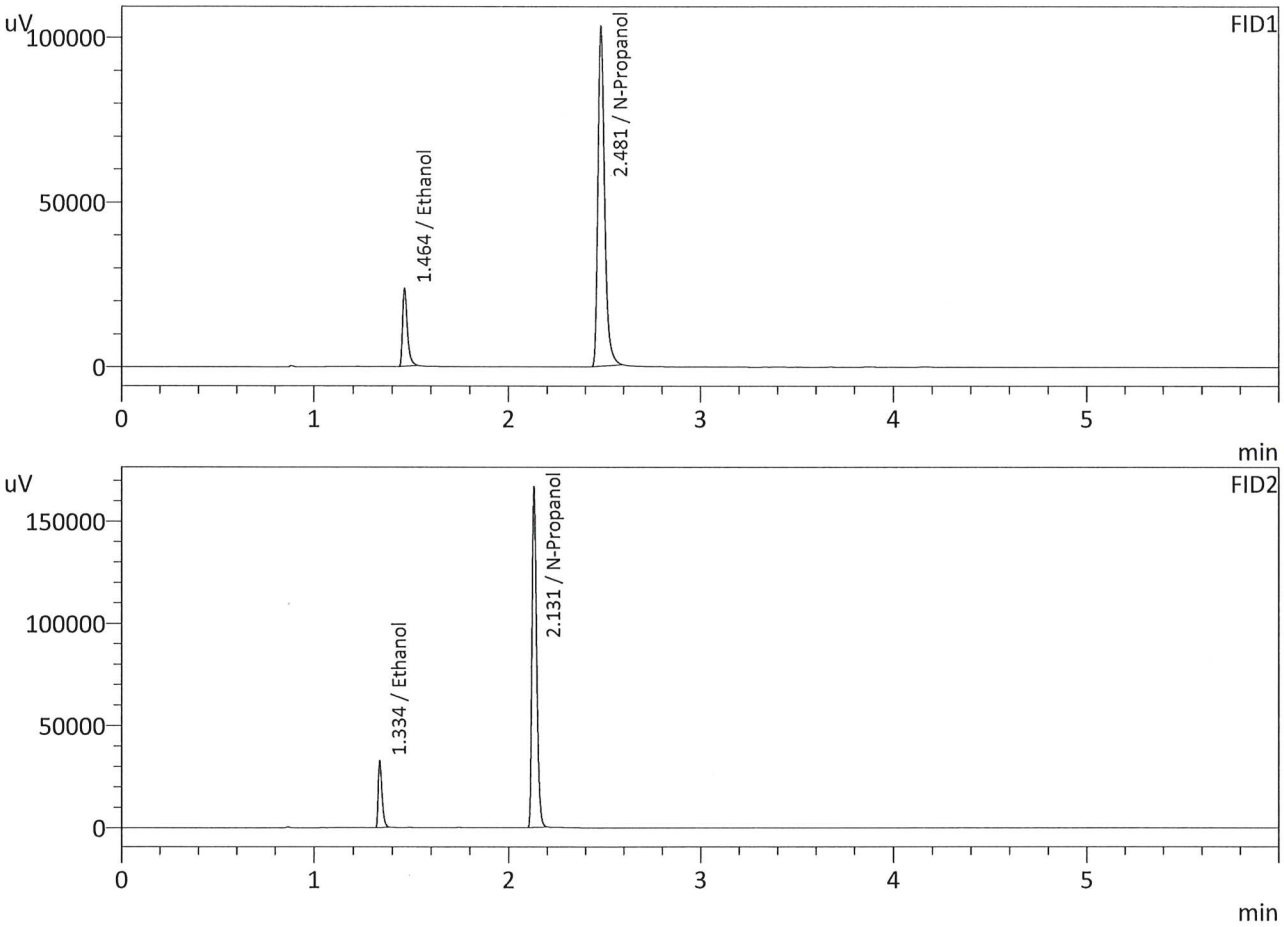
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	**0.076**	**0.084**	**0.004**

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 3:16:06 PM
Vial # : 12
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

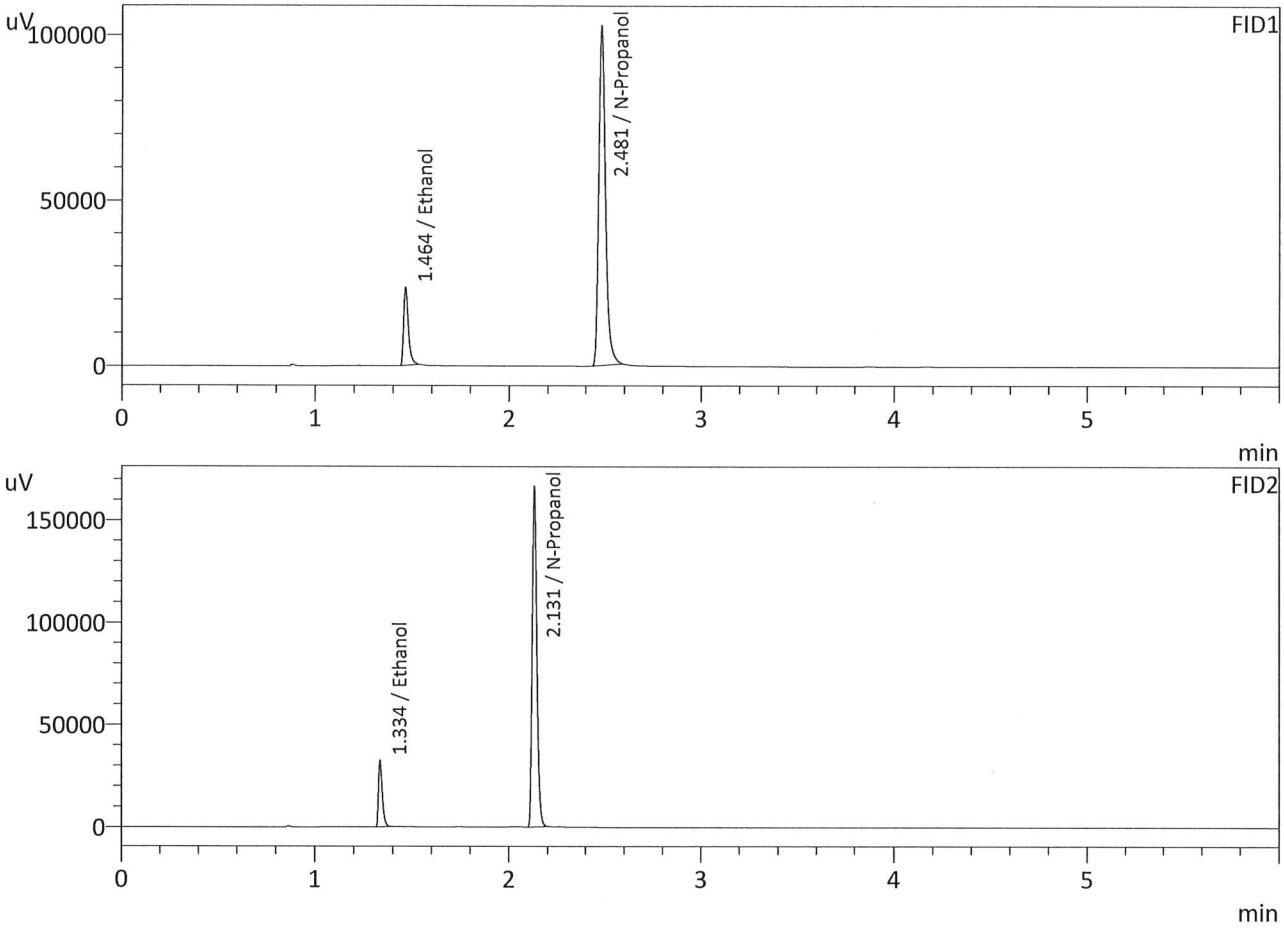
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	39743	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247630	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	44052	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276507	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 3:26:51 PM
Vial # : 13
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	39598	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247200	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	43898	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276071	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1 **Item #1** **Analysis Date(s): 10/1/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0813	0.0810	0.0003	0.0811	0.0000	0.0811
(g/100cc)	0.0812	0.0810	0.0002	0.0811		

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%**

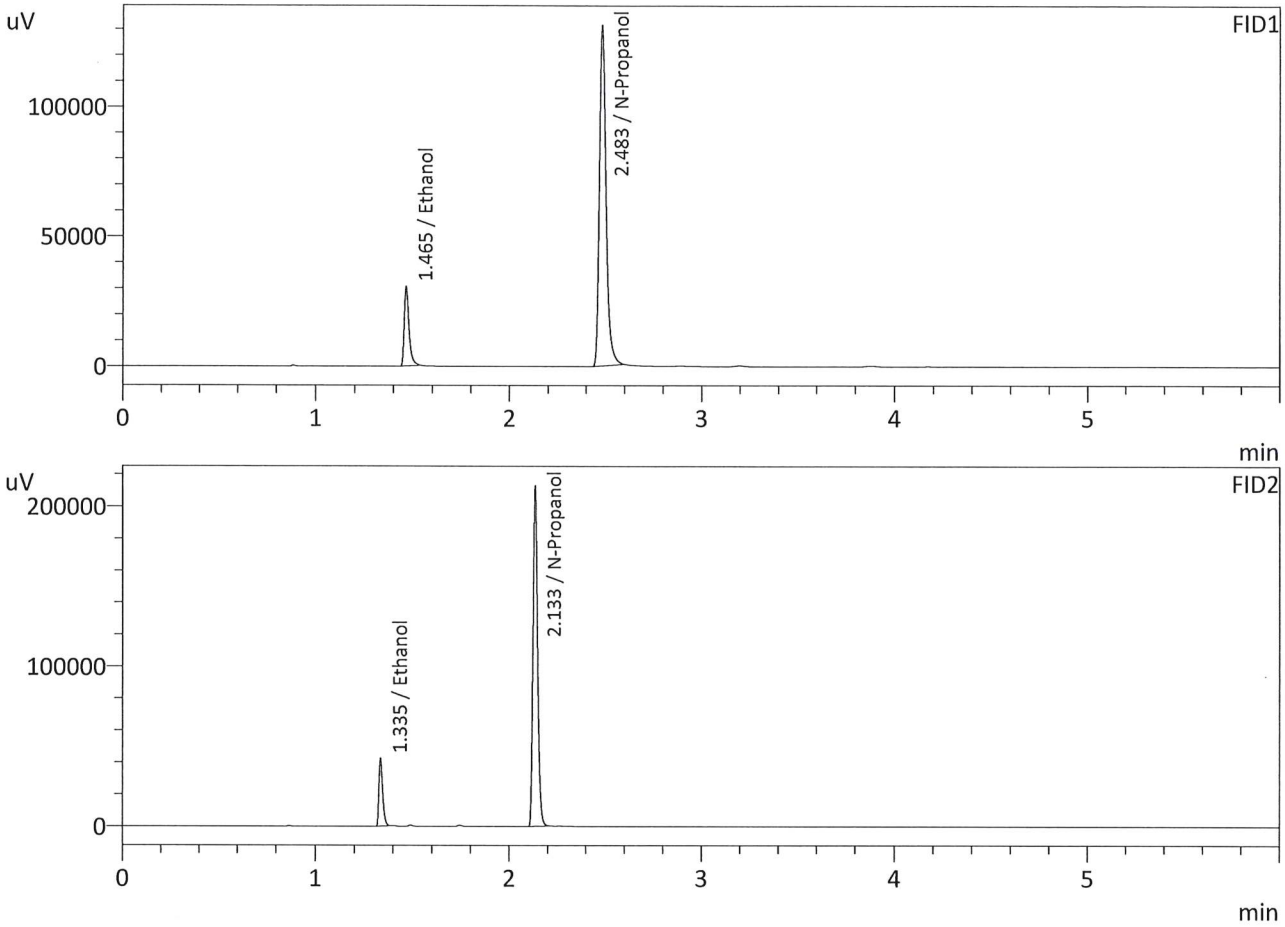
Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	**0.076**	**0.086**	**0.005**

	Reported Result	
	0.081	

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 2:57:00 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

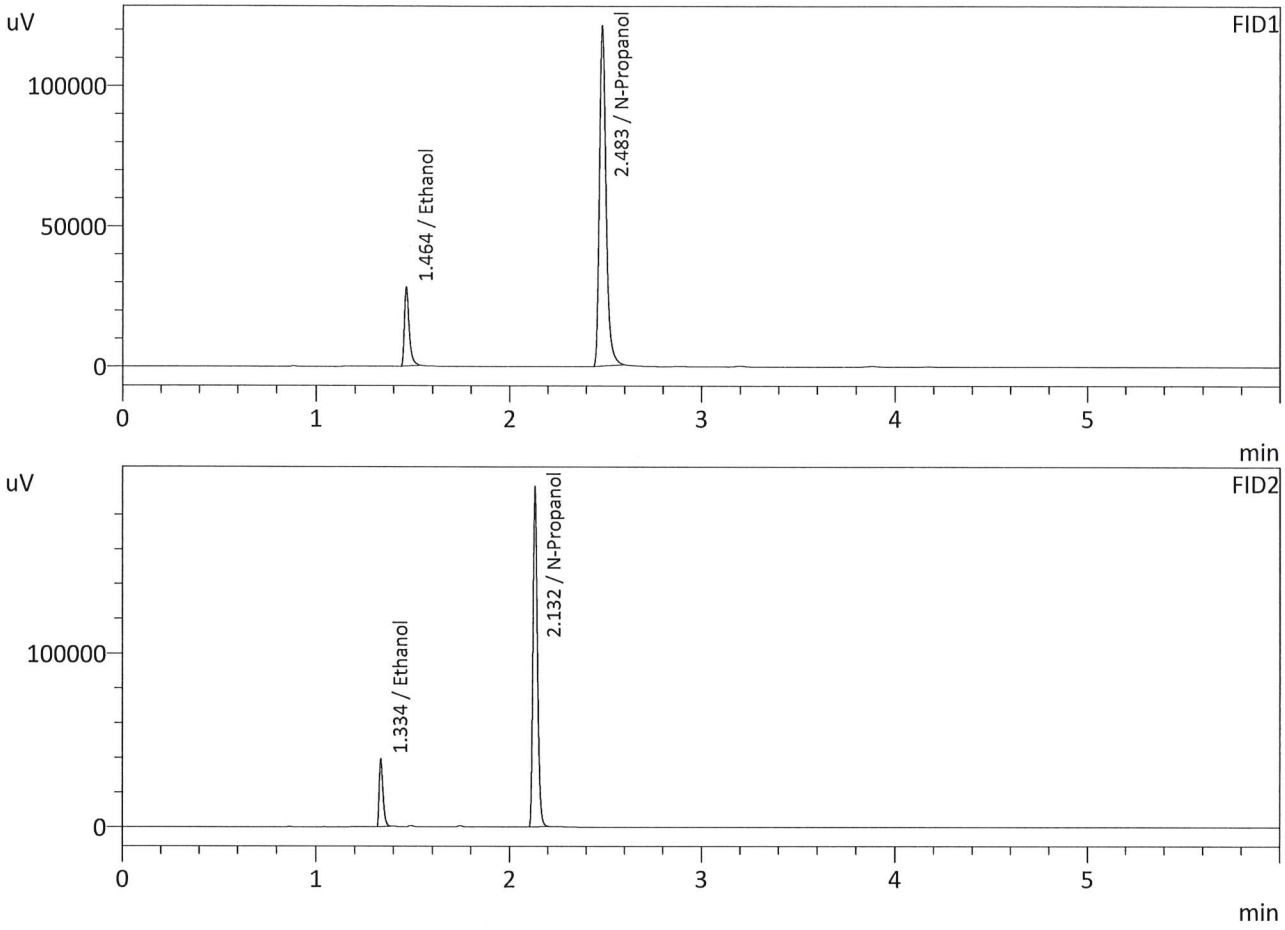
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0813	51669	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	316782	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	56859	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	353176	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 3:05:52 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0812	47209	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	289600	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	51925	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	322618	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #1** **Analysis Date(s): 10/1/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2065	0.2058	0.0007	0.2061	0.0012	0.2055
(g/100cc)	0.2052	0.2046	0.0006	0.2049		

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%**

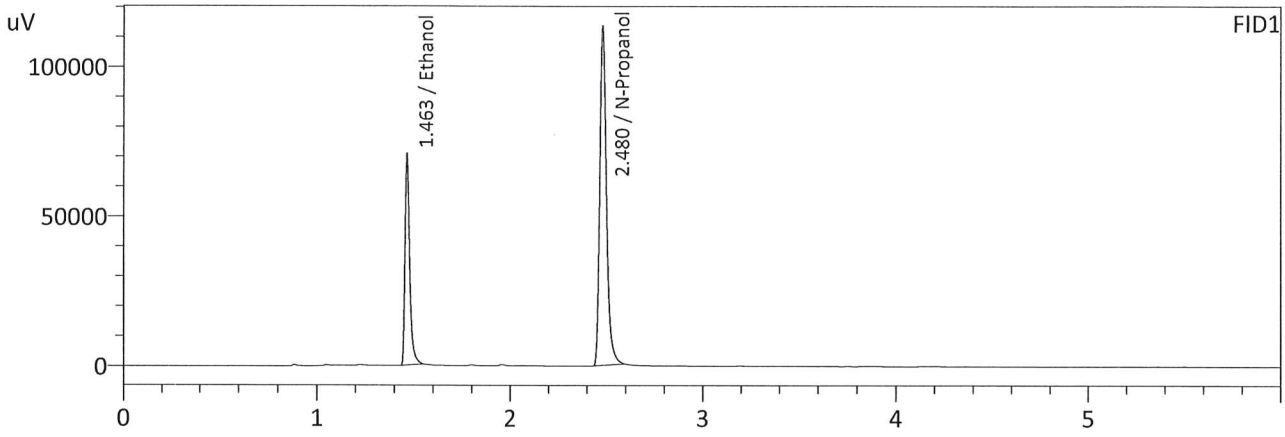
Overall Mean (g/100cc)	Low	High	5% of Mean
0.205	**0.194**	**0.216**	**0.011**

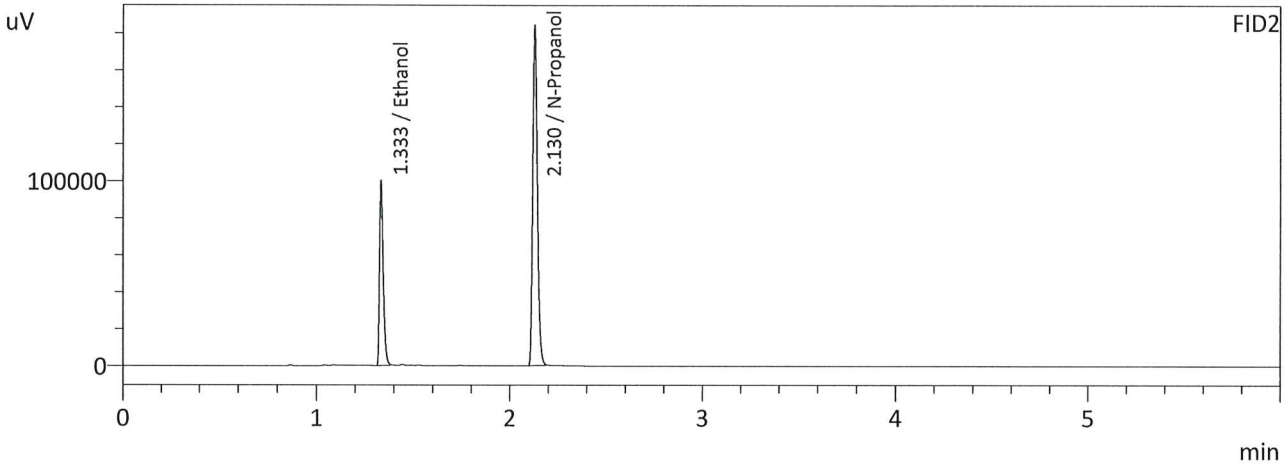
Reported Result
0.205

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 6:30:12 PM
Vial # : 32
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

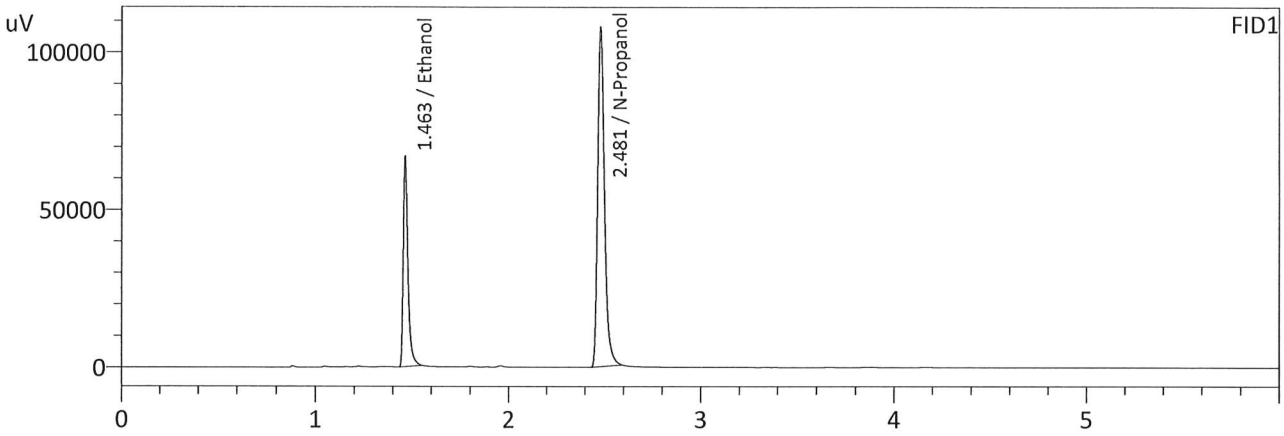
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2065	119010	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	273611	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

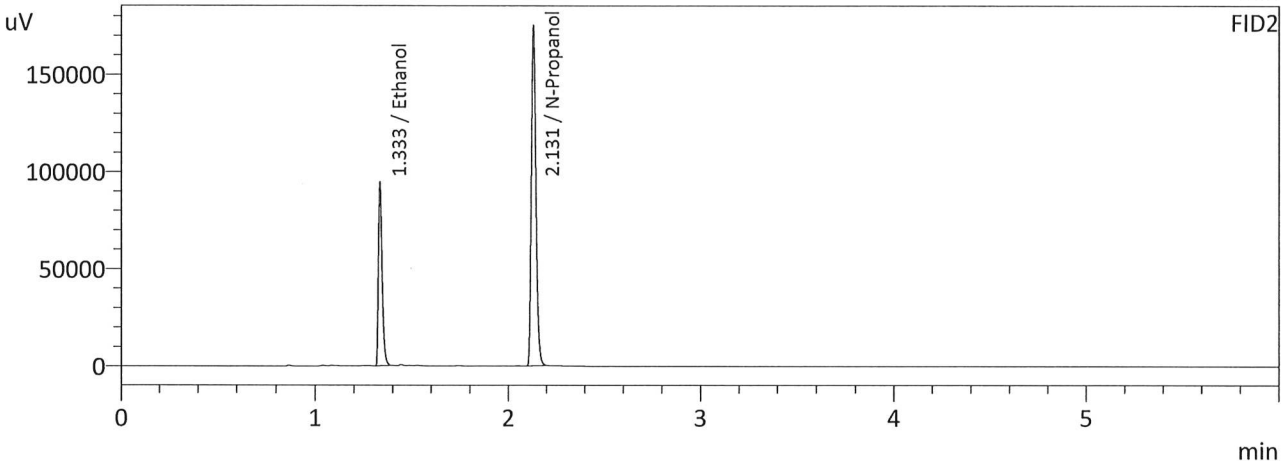
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2058	132613	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	305639	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 6:40:57 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2052	112534	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260405	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2046	125549	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	291157	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #2** **Analysis Date(s): 10/1/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.2050	0.2048	0.0002	0.2049	0.0008	0.2053
	0.2058	0.2056	0.0002	0.2057		

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%**

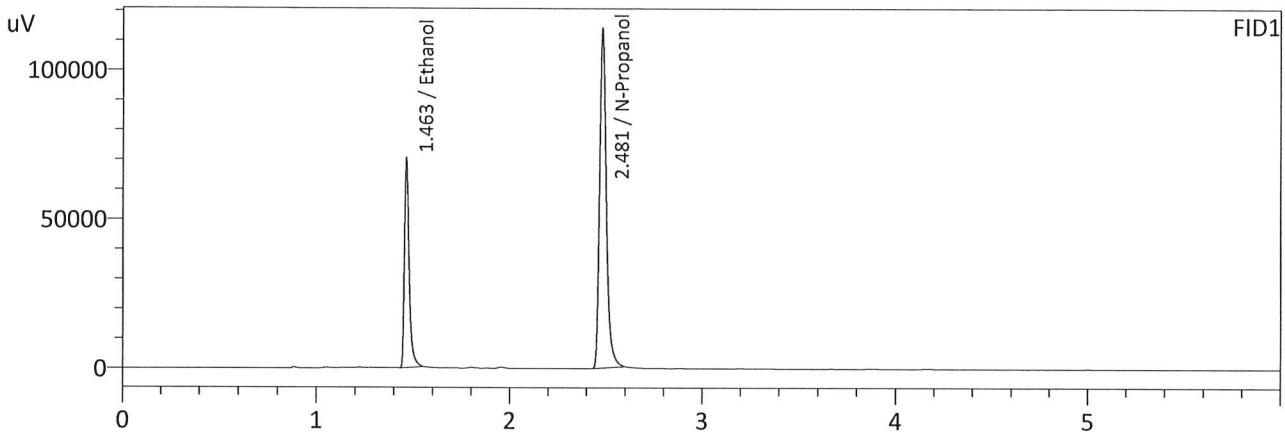
Overall Mean (g/100cc)	Low	High	5% of Mean
0.205	**0.194**	**0.216**	**0.011**

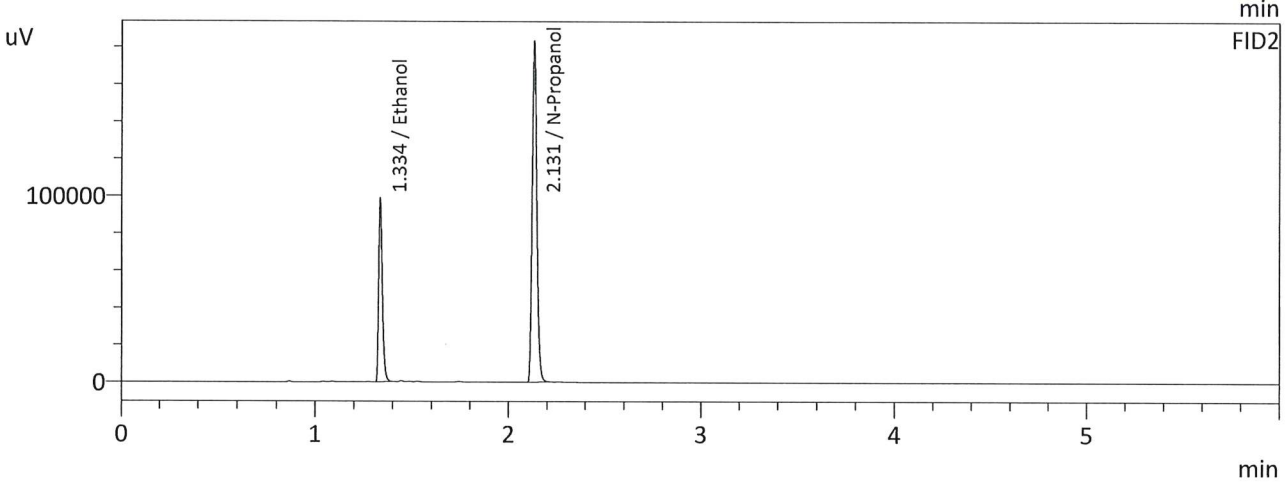
	Reported Result	
	0.205	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 8:46:10 PM
Vial # : 46
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

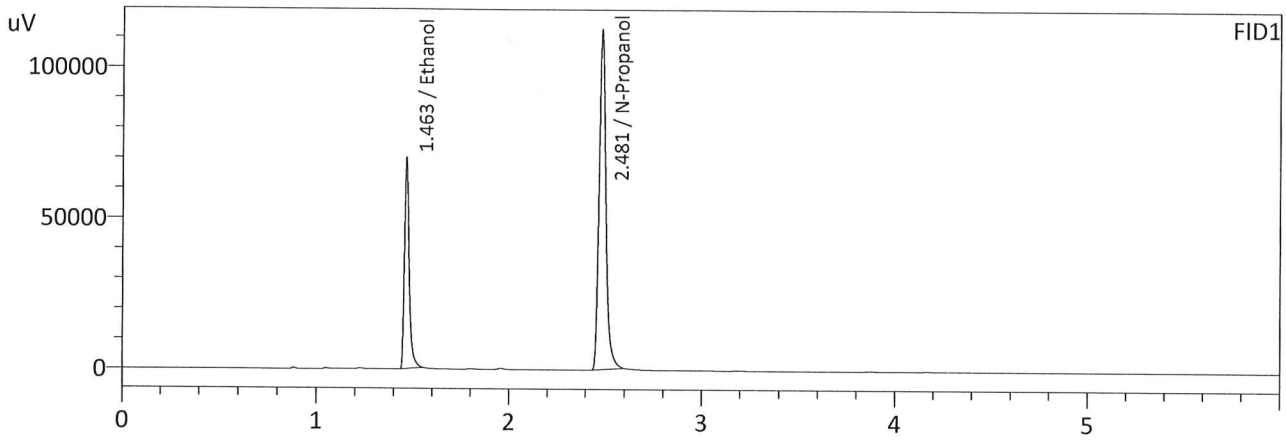
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2050	118275	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	274027	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

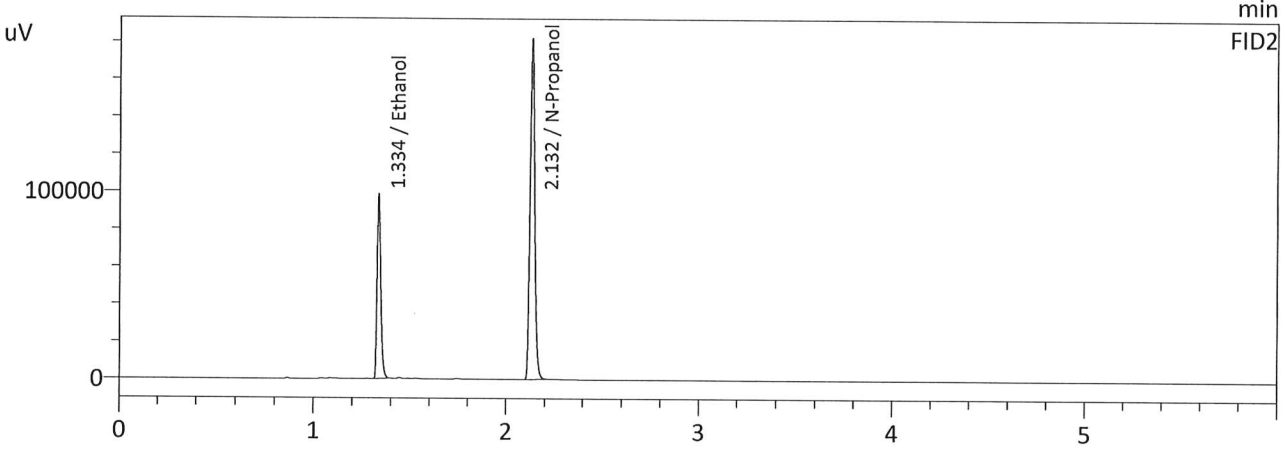
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2048	130858	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	303163	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/1/2022 8:56:55 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\10-1-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2058	117947	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	272092	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2056	130772	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	301753	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

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
Title: Volatiles Analysis Discipline Lead

Quality Review

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

99