





















Worklist: 6275

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2023-0266	1	UCK	Alcohol Analysis	
C2023-0327	1	BCK	BATS Proficiency Test	
C2023-0327	2	BCK	BATS Proficiency Test	
C2023-0327	3	BCK	BATS Proficiency Test	
C2023-0327	4	BCK	BATS Proficiency Test	
C2023-0465	1	BCK	Alcohol Analysis	
C2023-0467	1	BCK	Alcohol Analysis	
C2023-0468	1	BCK	Alcohol Analysis	
C2023-0487	1	BCK	Alcohol Analysis	
C2023-0502	1	BCK	Alcohol Analysis	
C2023-0503	1	UCK	Alcohol Analysis	
C2023-0504	1	BCK	Alcohol Analysis	
C2023-0511	1	BCK	Alcohol Analysis	
C2023-0541	1	BCK	Alcohol Analysis	
C2023-0542	1	BCK	Alcohol Analysis	
C2023-0545	1	BCK	Alcohol Analysis	
C2023-0547	1	BCK	Alcohol Analysis	
C2023-0579	1	BCK	Alcohol Analysis	

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Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
 Shimadzu HS-20 Serial #C12595700181
 Lab Solutions Software Ver. 5.99
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Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL.gcm
83	INT STD BLK 10	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	0:Unknown	0	ALCOHOL.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL.gcm
14	C2023-0226-1	0:Unknown	0	ALCOHOL.gcm
15	C2023-0226-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2023-0327-1	0:Unknown	0	ALCOHOL.gcm
17	C2023-0327-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2023-0327-2	0:Unknown	0	ALCOHOL.gcm
19	C2023-0327-2-B	0:Unknown	0	ALCOHOL.gcm
20	C2023-0327-3	0:Unknown	0	ALCOHOL.gcm
21	C2023-0327-3-B	0:Unknown	0	ALCOHOL.gcm
22	C2023-0327-4	0:Unknown	0	ALCOHOL.gcm
23	C2023-0327-4-B	0:Unknown	0	ALCOHOL.gcm
24	C2023-0465-1	0:Unknown	0	ALCOHOL.gcm
25	C2023-0465-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2023-0467-1	0:Unknown	0	ALCOHOL.gcm
27	C2023-0467-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2023-0468-1	0:Unknown	0	ALCOHOL.gcm
29	C2023-0468-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2023-0487-1	0:Unknown	0	ALCOHOL.gcm
31	C2023-04878-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
34	C2023-0502-1	0:Unknown	0	ALCOHOL.gcm
35	C2023-0502-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2023-0503-1	0:Unknown	0	ALCOHOL.gcm
37	C2023-0503-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2023-0504-1	0:Unknown	0	ALCOHOL.gcm
39	C2023-0504-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2023-0511-1	0:Unknown	0	ALCOHOL.gcm
41	C2023-0511-1-B	0:Unknown	0	ALCOHOL.gcm
42	C2023-0541-1	0:Unknown	0	ALCOHOL.gcm
43	C2023-0541-1-B	0:Unknown	0	ALCOHOL.gcm
44	C2023-0542-1	0:Unknown	0	ALCOHOL.gcm
45	C2023-0542-1-B	0:Unknown	0	ALCOHOL.gcm
46	C2023-0545-1	0:Unknown	0	ALCOHOL.gcm
47	C2023-0545-1-B	0:Unknown	0	ALCOHOL.gcm
48	C2023-0547-1	0:Unknown	0	ALCOHOL.gcm
49	C2023-0547-1-B	0:Unknown	0	ALCOHOL.gcm
50	C2023-0579-1	0:Unknown	0	ALCOHOL.gcm
51	C2023-0579-1-B	0:Unknown	0	ALCOHOL.gcm
52	QC-2-2	0:Unknown	0	ALCOHOL.gcm
53	QC-2-2-B	0:Unknown	0	ALCOHOL.gcm

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Vial#	Sample Name	Sample Type	Level#	Method File
54	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm

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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):

3/14/2023

Calibration Date: (if different)

Worklist #:

6275

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0765 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Jul-23	1907007	0.2170	0.1953 - 0.2387	0.2017 g/100cc	
					0.2045 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	July 31, 2024	Lot #	FN04231907	OK
Curve Fit:			Column 1	0.99973	Column2	0.99962

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0505	0.0514	0.0009	0.0509
100	0.100	0.090 - 0.110	0.1015	0.1015	0	0.1015
200	0.200	0.180 - 0.220	0.1952	0.1940	0.0012	0.1946
300	0.300	0.270 - 0.330	0.3027	0.3027	0	0.3027
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.4998	0.5002	0.0004	0.5

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

REVIEWED

By Rachel Cutler at 4:07 pm, Mar 16, 2023

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

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Internal Standard Monitoring Worksheet

Worklist #:	6275	Run Date(s):	3/14/2023
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Internal Standard Solution: Lot# A014463901	Prep Date: 3/14/2023	Exp Date: 9/14/2023
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Sample Name	Column 1 Value	Column 2 Value
0.080	273948	296841
0.080	274455	297726
QC1	270985	293485
QC1	271201	293953
QC1		
QC1		
QC1		
QC1		
QC2	302896	327972
QC2	283392	306407
QC2	316813	343505
QC2	305545	331290
QC2		
QC2		

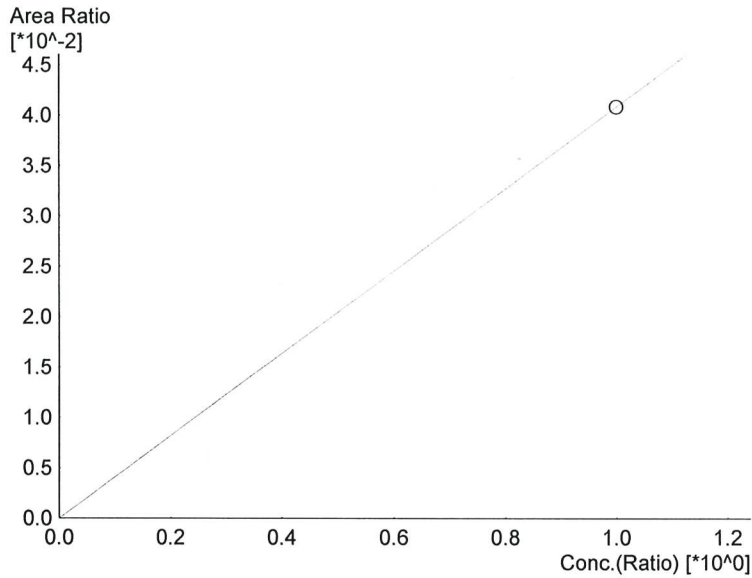
	Average	(-)20%	(+)20%
Column 1	287404.4	229923.5	344885.3
Column 2	311397.4	249117.9	373676.9

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Calibration Table

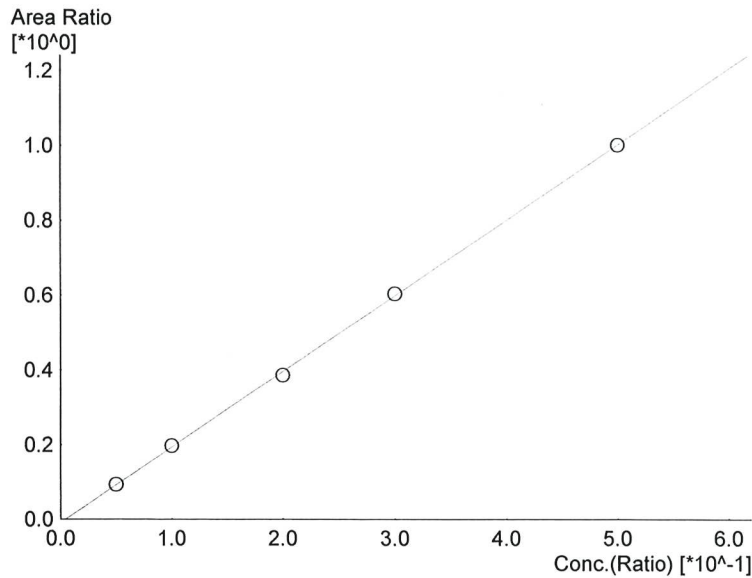
Laboratory : Coeur d' Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL.gcm
 Batch File :Default Project - 3-15-23.gcb
 Date Acquired :3/15/2023 3:26:40 PM
 Date Created :3/15/2023 3:24:04 PM
 Date Modified :3/15/2023 3:32:43 PM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.0408677*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

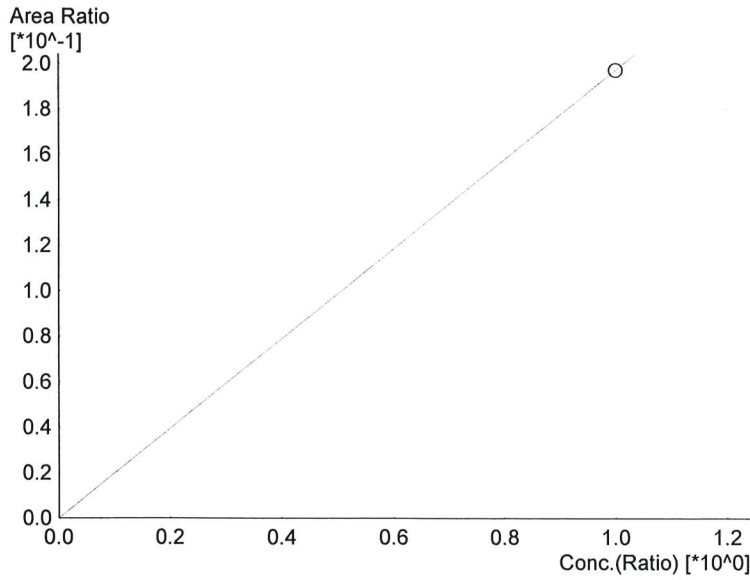
#	Conc.	Area	Std. Conc.
6	1.000	10400	1.0000



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.02348*x-0.00876320$
 R² value= 0.9997391
 FitType: Linear
 ZeroThrough: Not Through

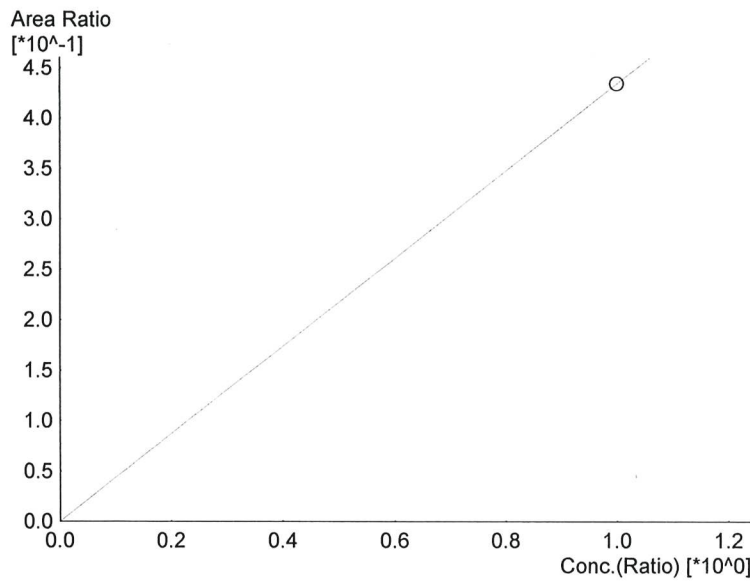
#	Conc.	Area	Std. Conc.
1	0.050	24411	0.0505
2	0.100	51694	0.1015
3	0.200	103049	0.1952
4	0.300	159835	0.3027
5	0.500	267401	0.4998

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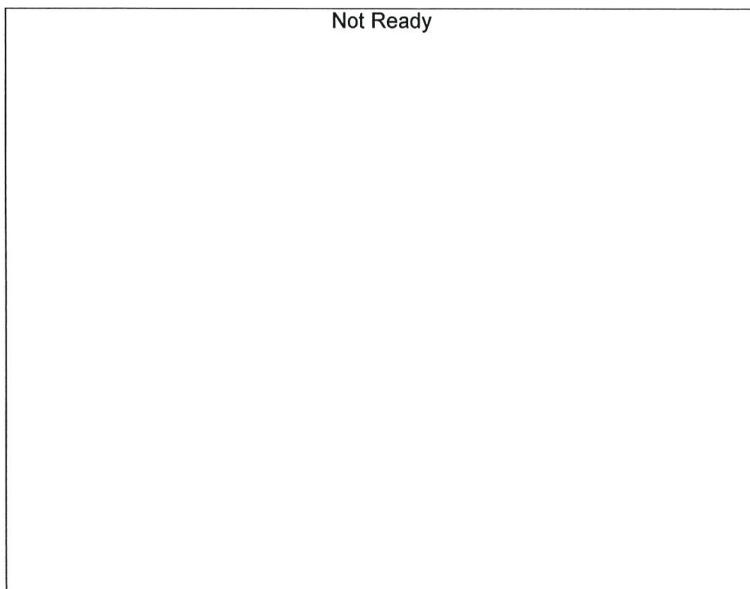
Name : Isopropyl Alcohol
 Detector Name: FID1
 Function : $f(x)=0.197326*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	50214	1.0000



Name : Acetone
 Detector Name: FID1
 Function : $f(x)=0.434555*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

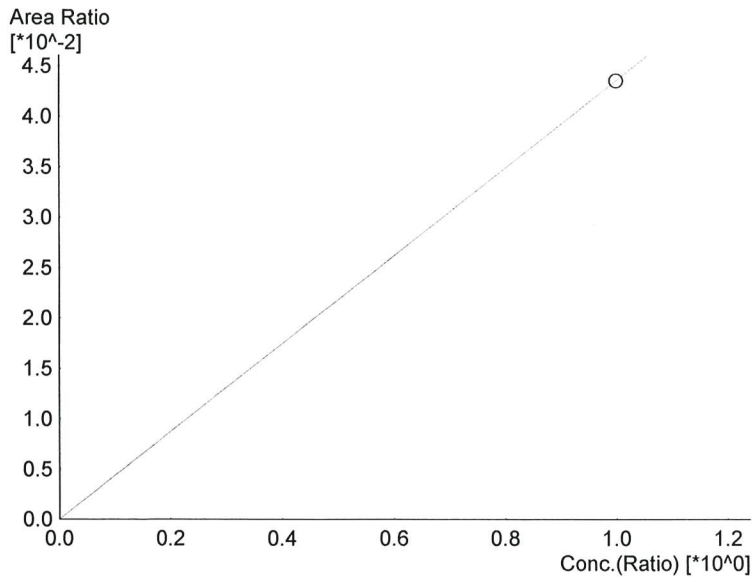
#	Conc.	Area	Std. Conc.
6	1.000	110582	1.0000



Name : Fluor. Hydrocarbon(s)
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

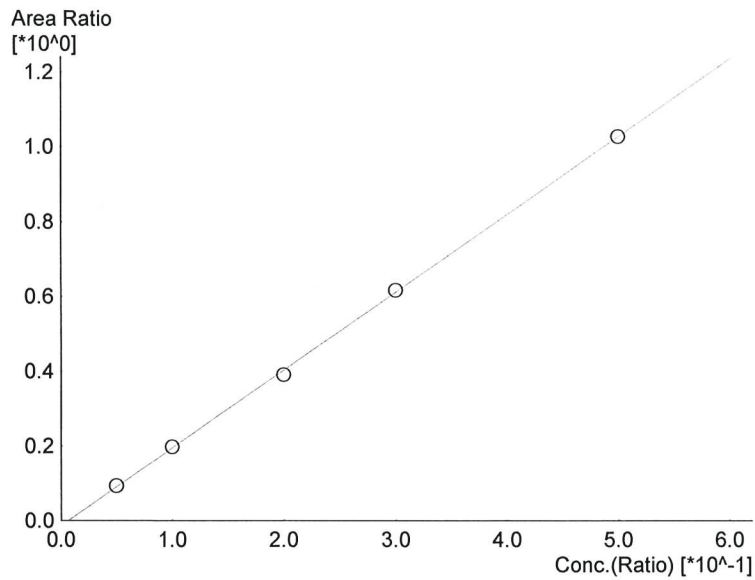
#	Conc.	Area	Std. Conc.
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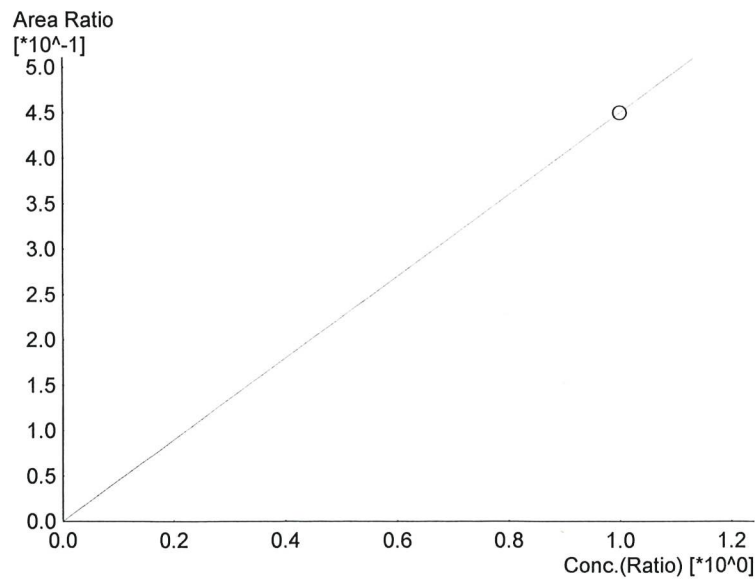
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0.0435398*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	11986	1.0000



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.08211*x-0.0139674$
 R² value= 0.9996255
 FitType: Linear
 ZeroThrough: Not Through

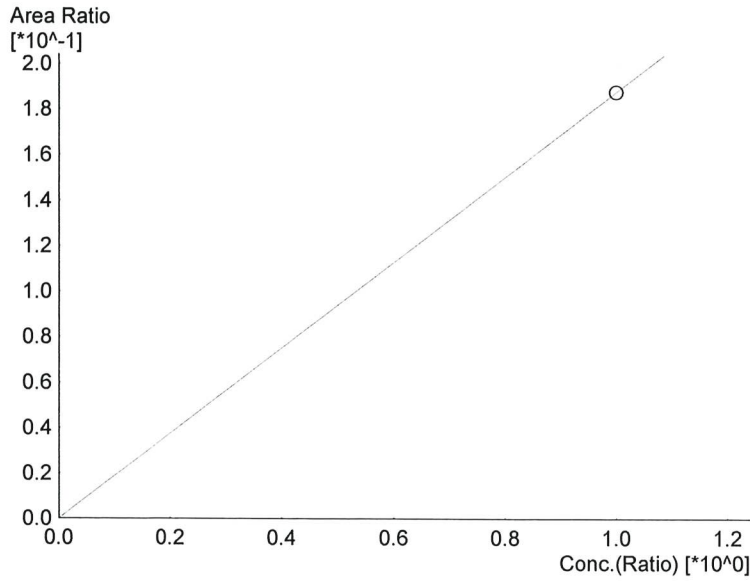
#	Conc.	Area	Std. Conc.
1	0.050	26250	0.0514
2	0.100	56077	0.1015
3	0.200	112473	0.1940
4	0.300	176586	0.3027
5	0.500	296357	0.5002



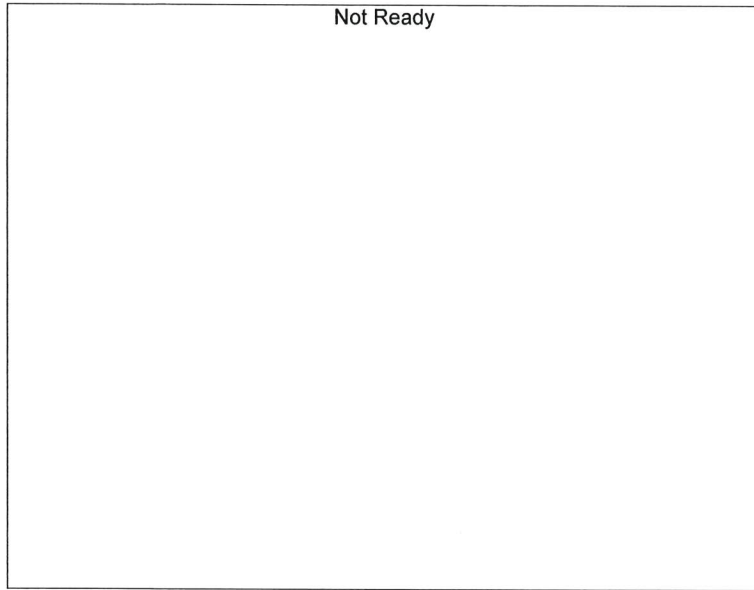
Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0.450218*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	123942	1.0000

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#	Conc.	Area	Std. Conc.
6	1.000	51677	1.0000

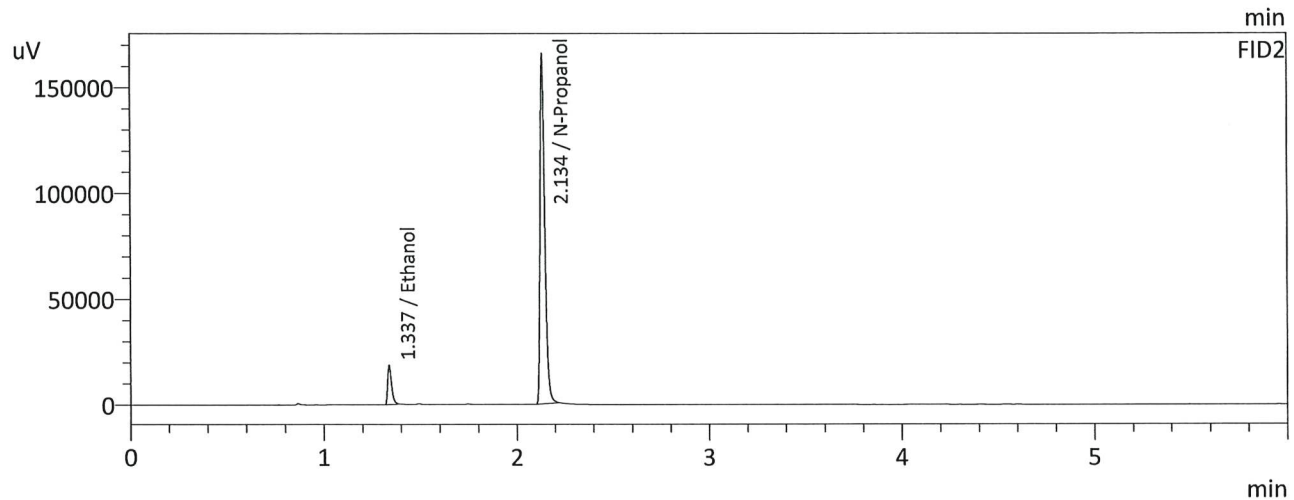
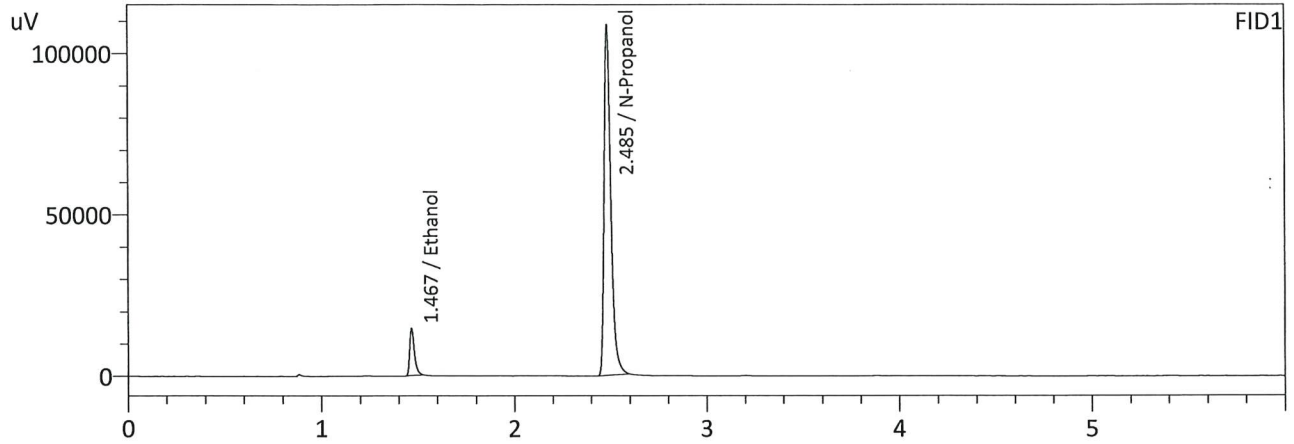


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 2:47:54 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

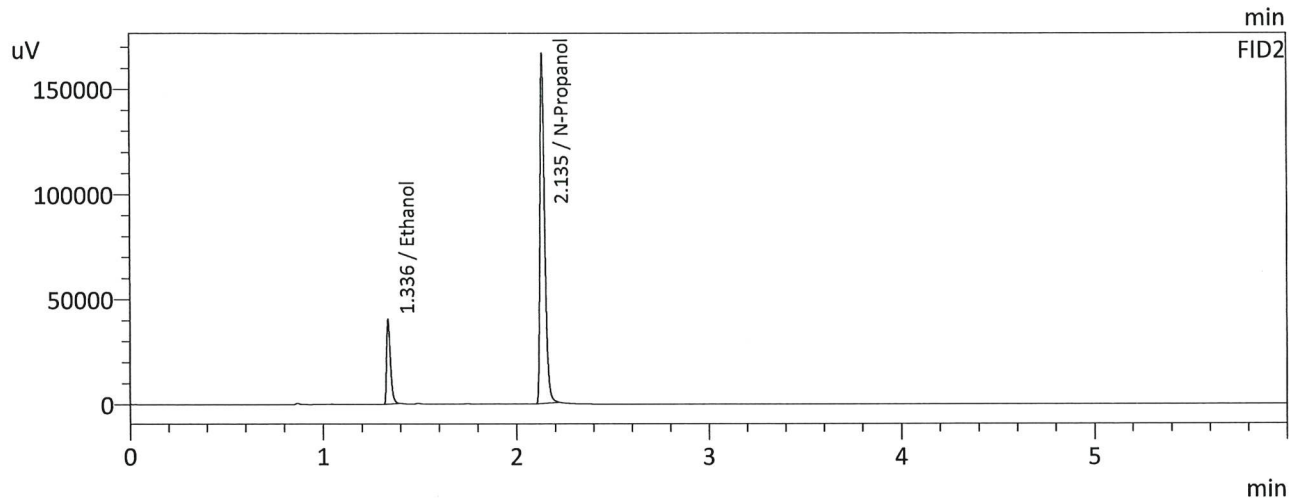
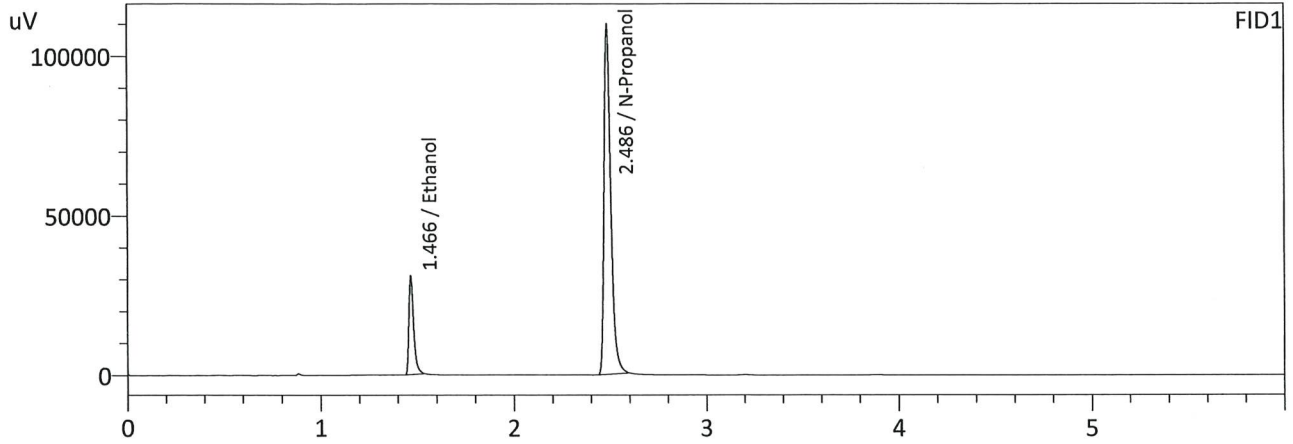
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0505	24411	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260893	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0514	26250	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	282060	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 2:58:37 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

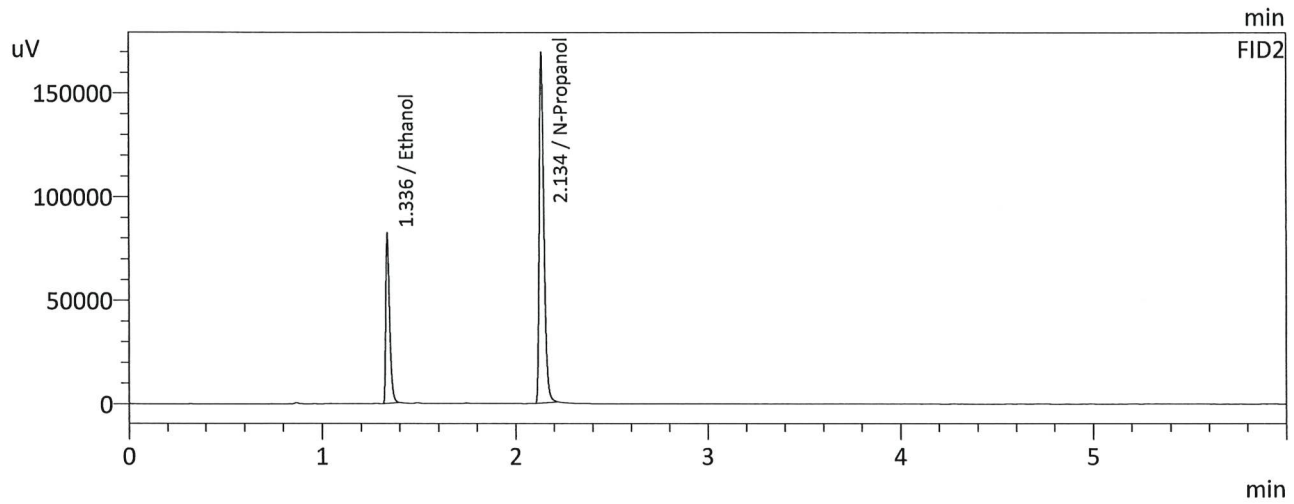
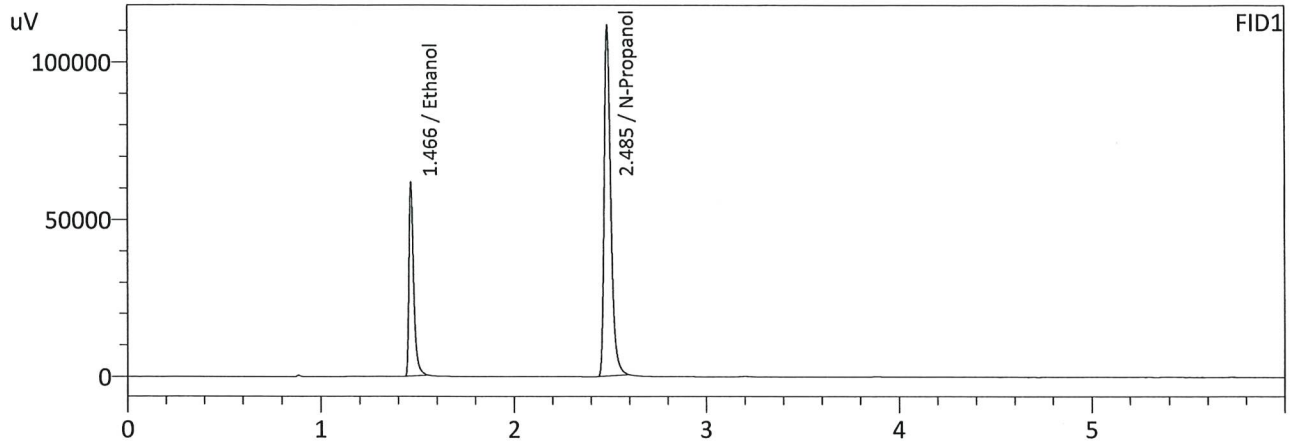
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1015	51694	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262783	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1015	56077	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	284035	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 3:07:17 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

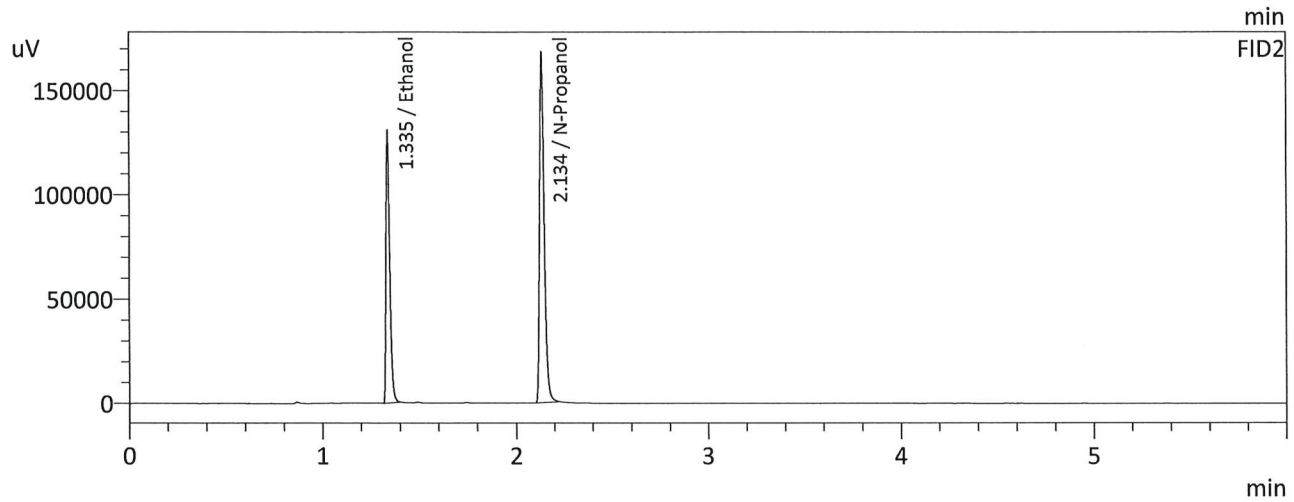
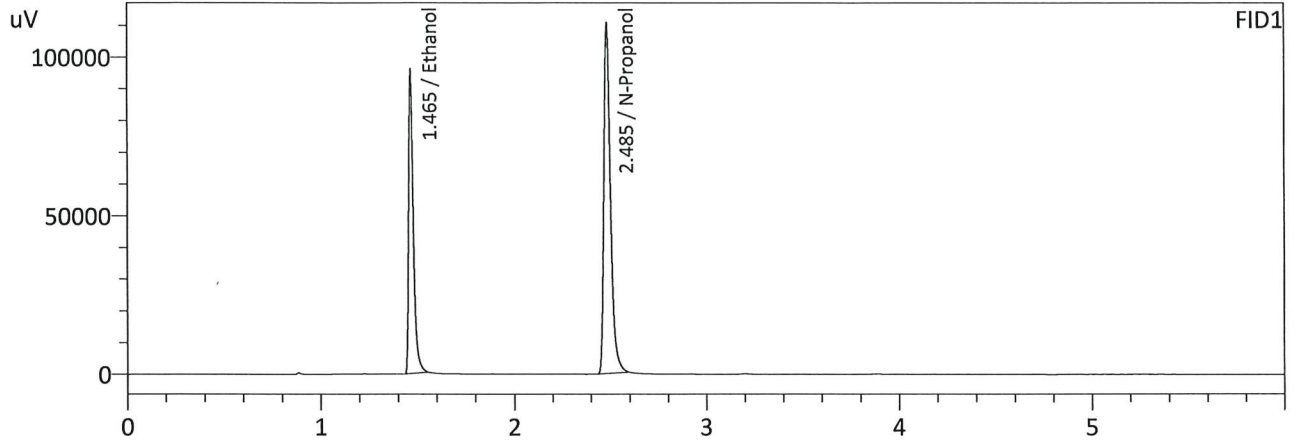
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1952	103049	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	266789	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1940	112473	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	288408	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.300
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 3:18:00 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

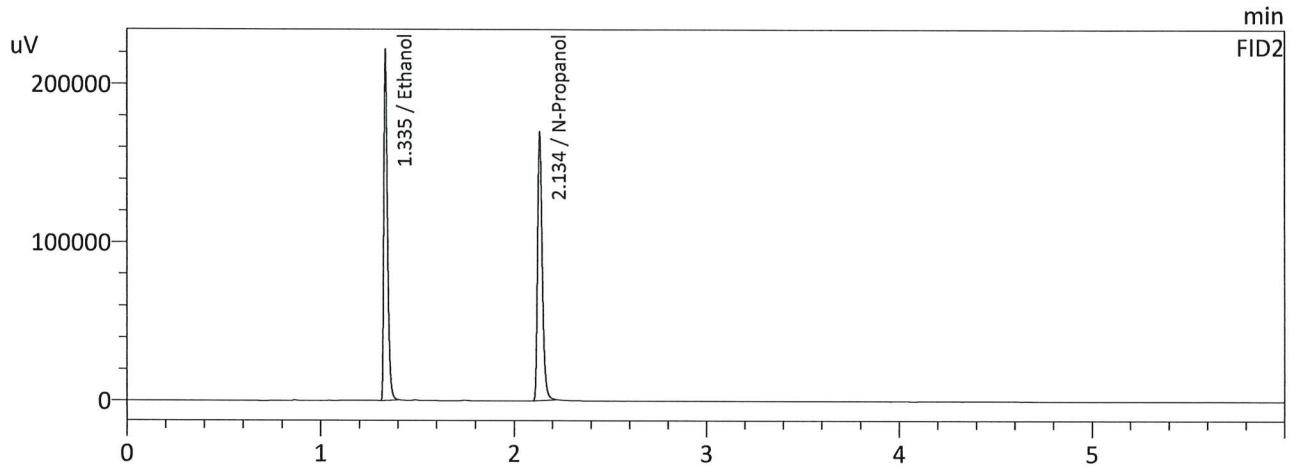
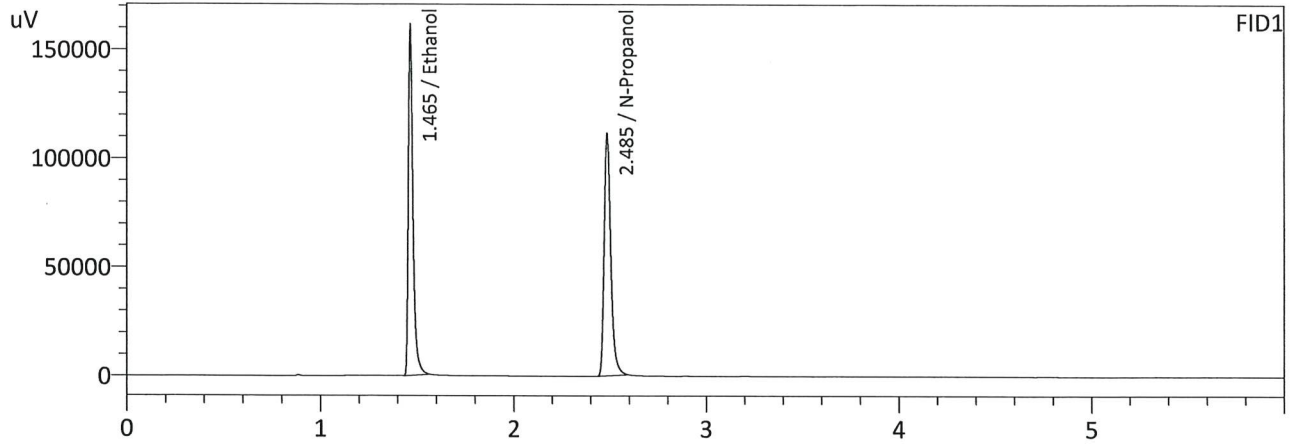
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3027	159835	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	264657	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3027	176586	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	286468	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 3:26:40 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

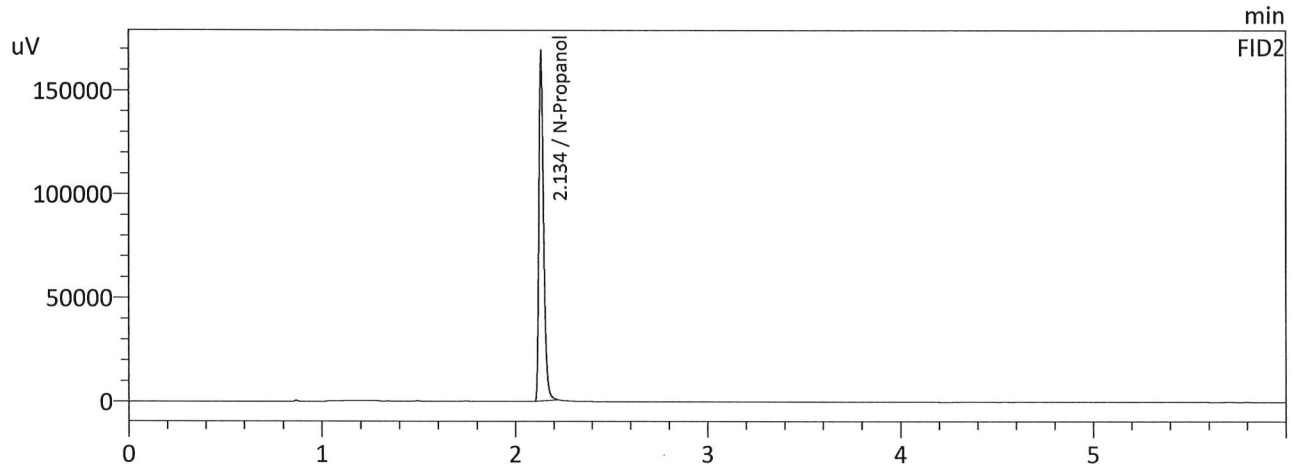
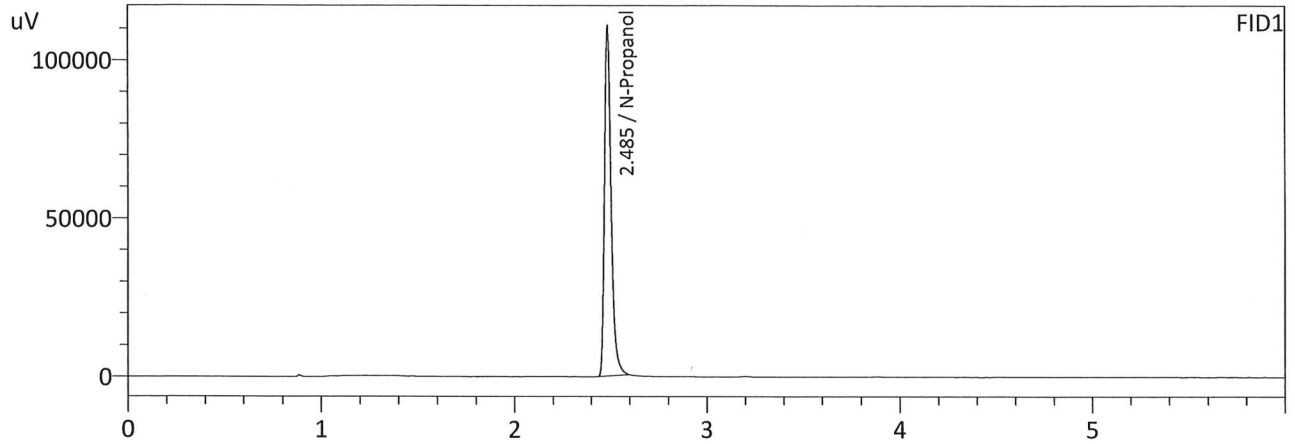
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4998	267401	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	266676	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5002	296357	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	288371	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 2:39:12 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

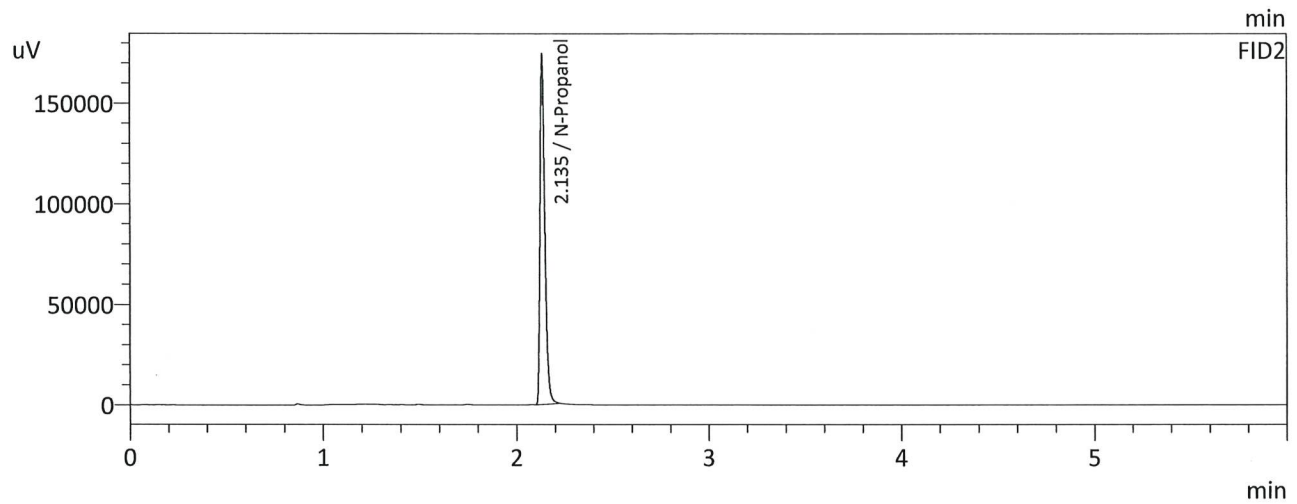
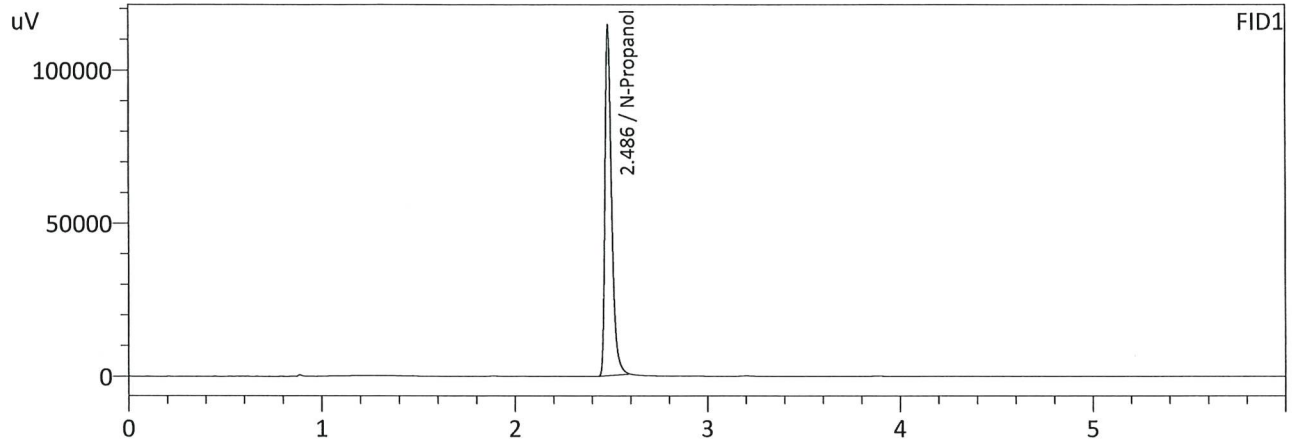
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265477	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287233	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 3:37:25 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

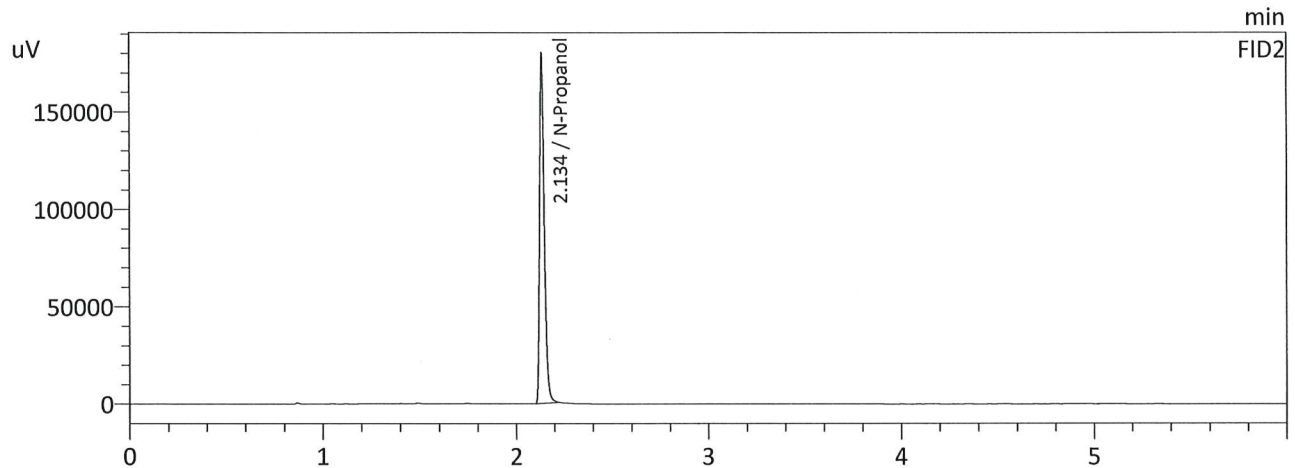
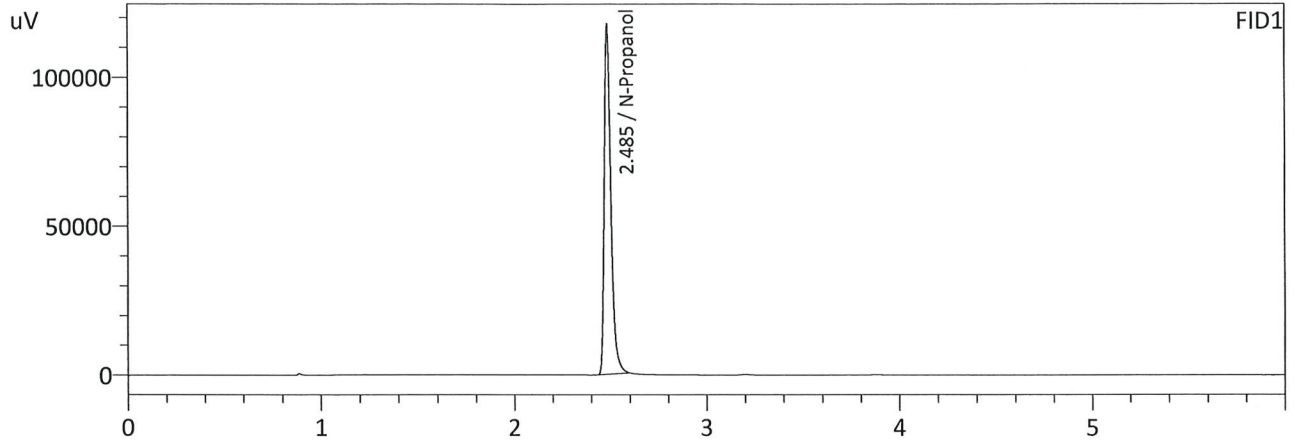
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	273468	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	296241	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 3:56:50 PM
 Vial # : 9
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

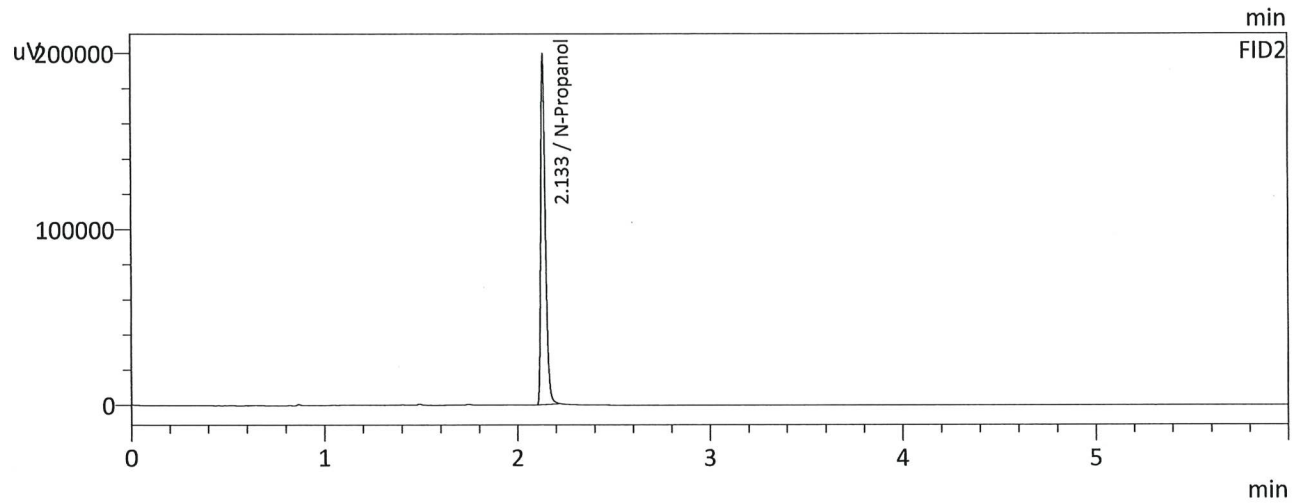
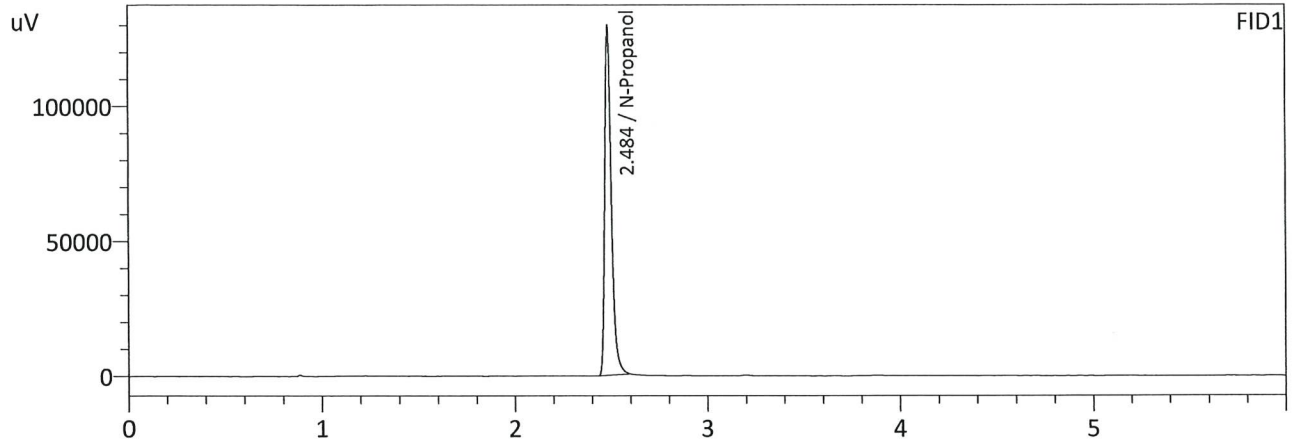
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	280350	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	304645	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 11:12:27 PM
 Vial # : 54
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

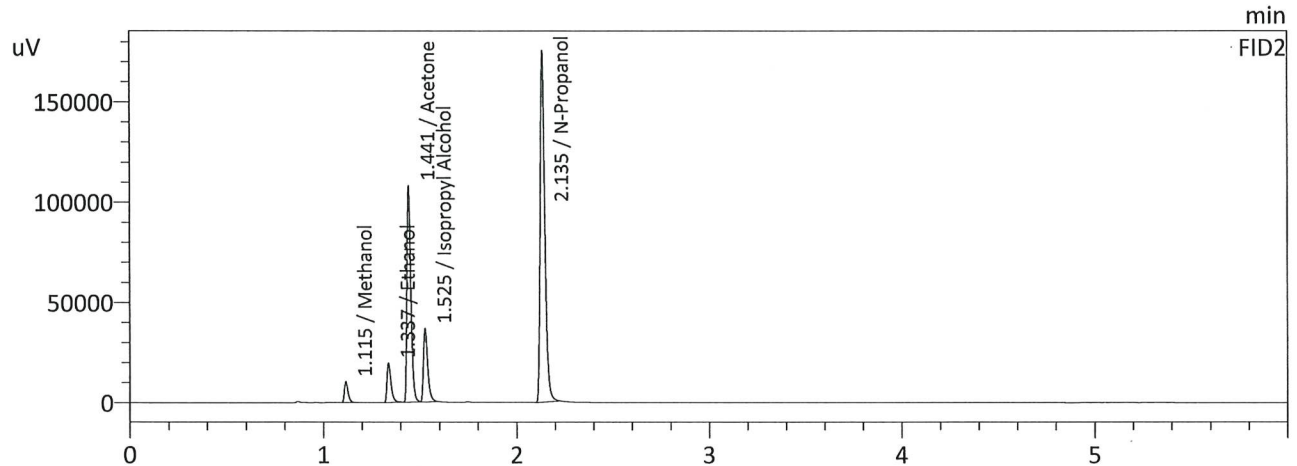
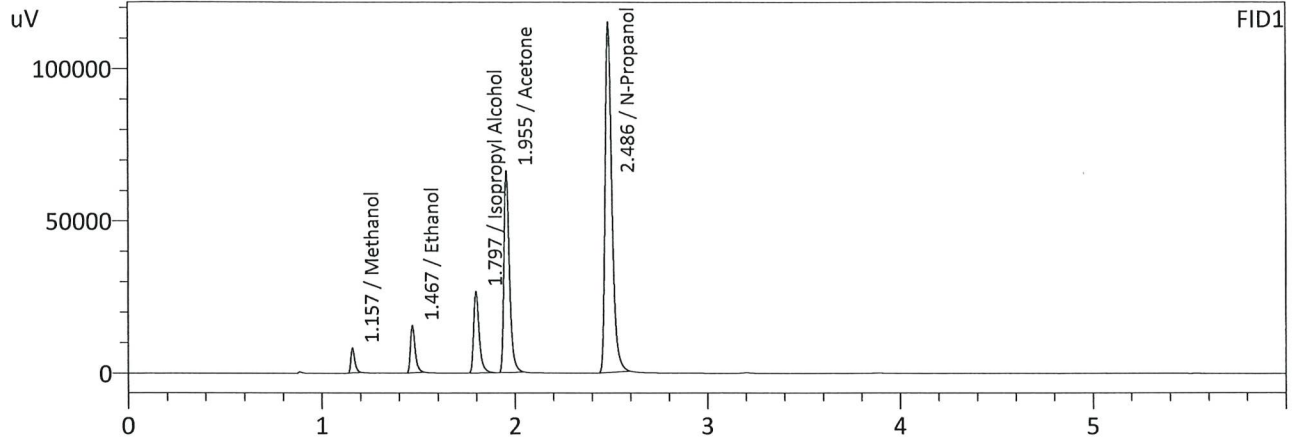
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	309464	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	335550	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 3:46:05 PM
 Vial # : 8
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	1.0000	11604	g/100cc
Ethanol	0.0503	25630	g/100cc
Isopropyl Alcohol	1.0000	54350	g/100cc
Acetone	1.0000	131361	g/100cc
N-Propanol	0.0000	275161	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	13367	g/100cc
Ethanol	0.0520	28131	g/100cc
Acetone	1.0000	147578	g/100cc
Isopropyl Alcohol	1.0000	55851	g/100cc
N-Propanol	0.0000	298034	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA

Analysis Date(s): 3/15/2023 4:24:54 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0791	0.0792	0.0001	0.0791	0.0007	0.0795
(g/100cc)	0.0799	0.0798	0.0001	0.0798		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

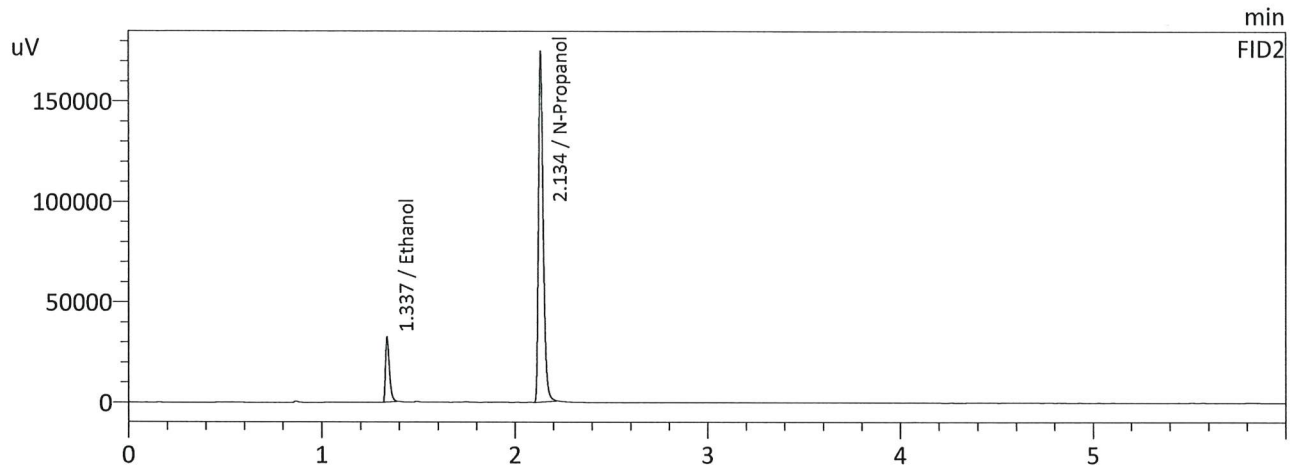
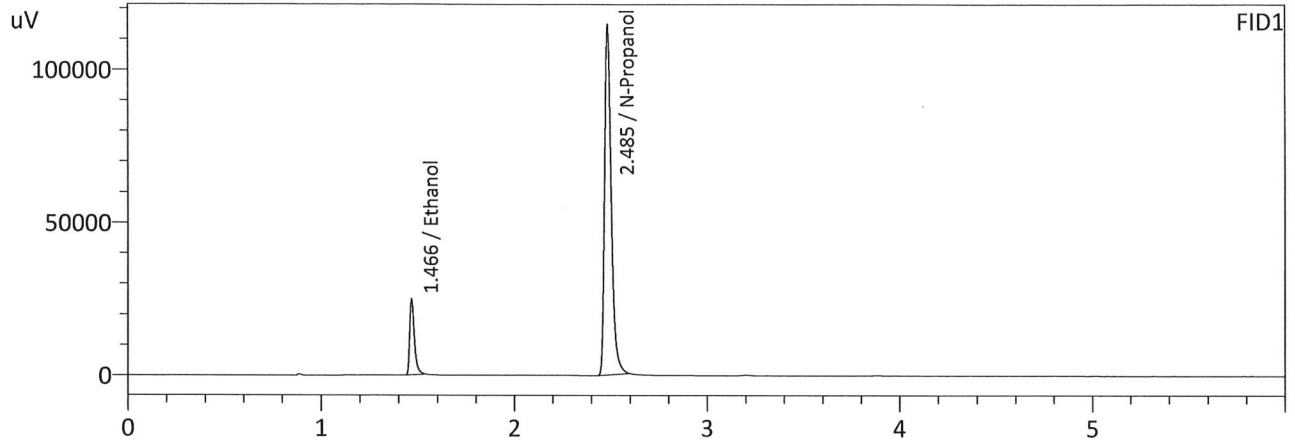
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.079	0.075	0.083	0.004

Reported Results	
0.079	

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 4:24:54 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

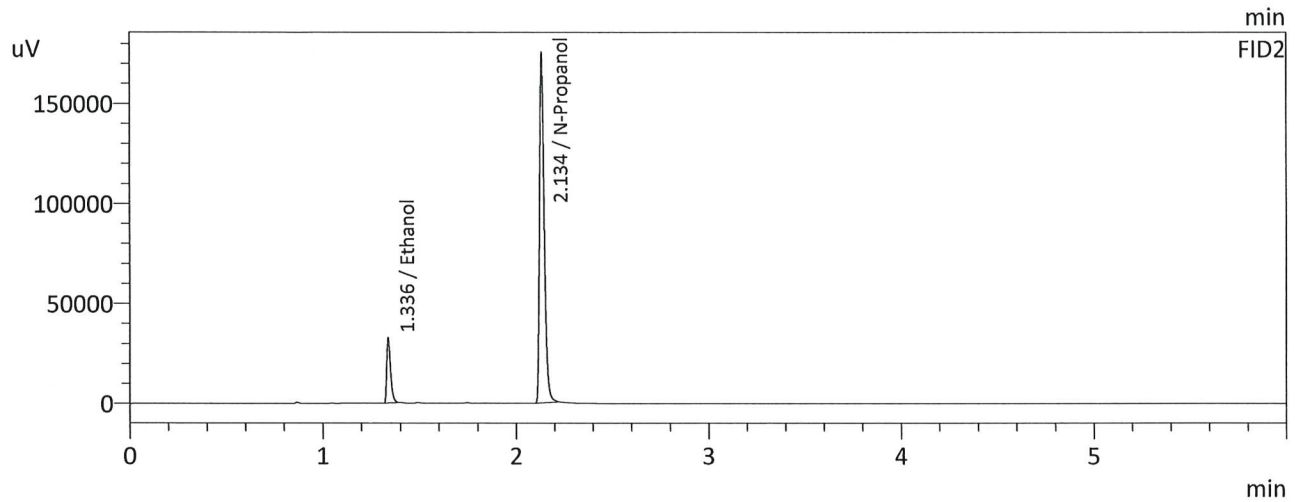
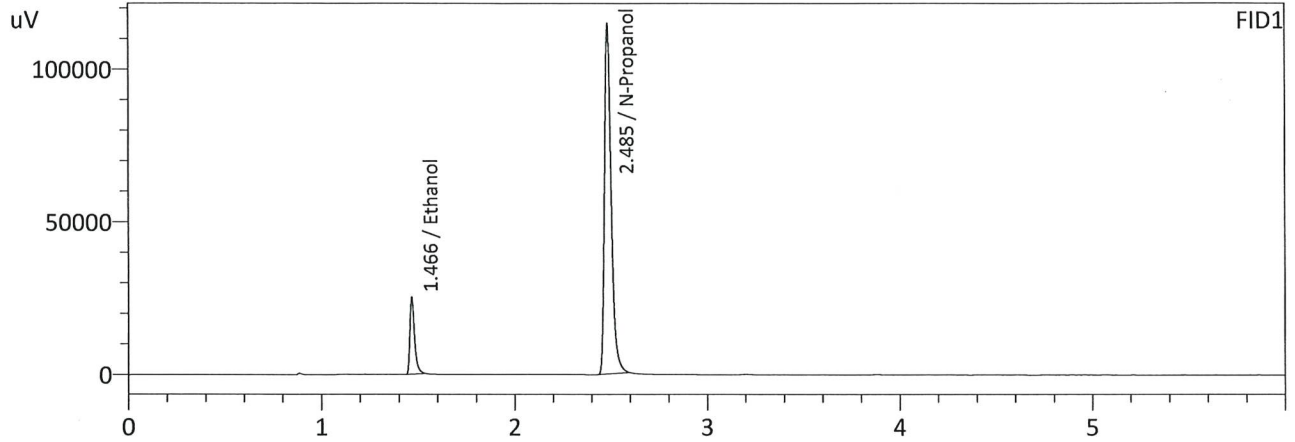
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0791	41480	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	273948	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0792	44814	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	296841	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 4:35:39 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	42003	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	274455	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0798	45326	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	297726	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1

Analysis Date(s): 3/15/2023 4:05:31 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0762	0.0761	0.0001	0.0761	0.0008	0.0765
(g/100cc)	0.0767	0.0772	0.0005	0.0769		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

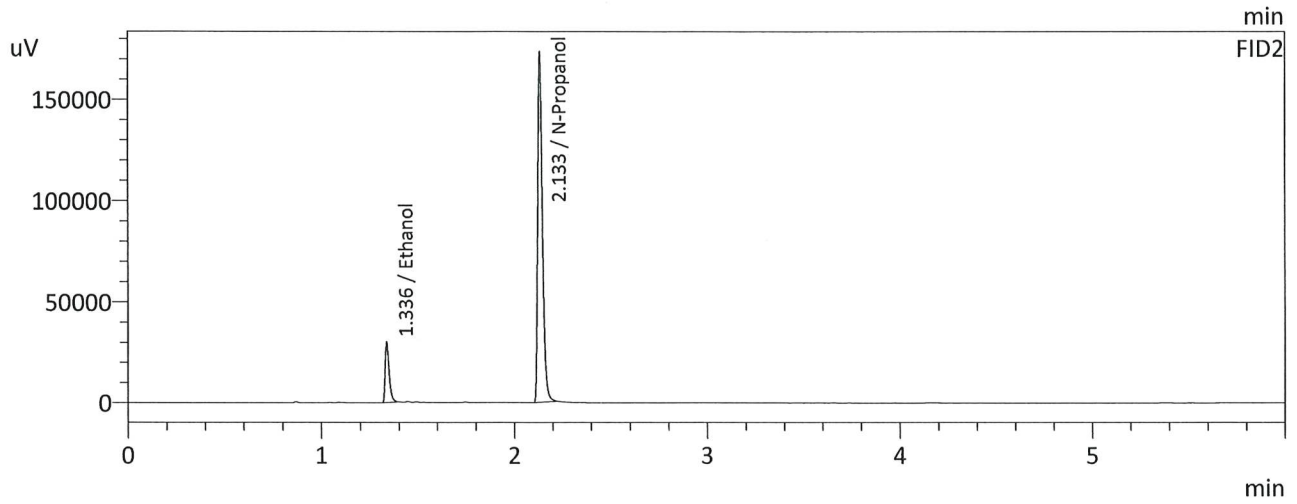
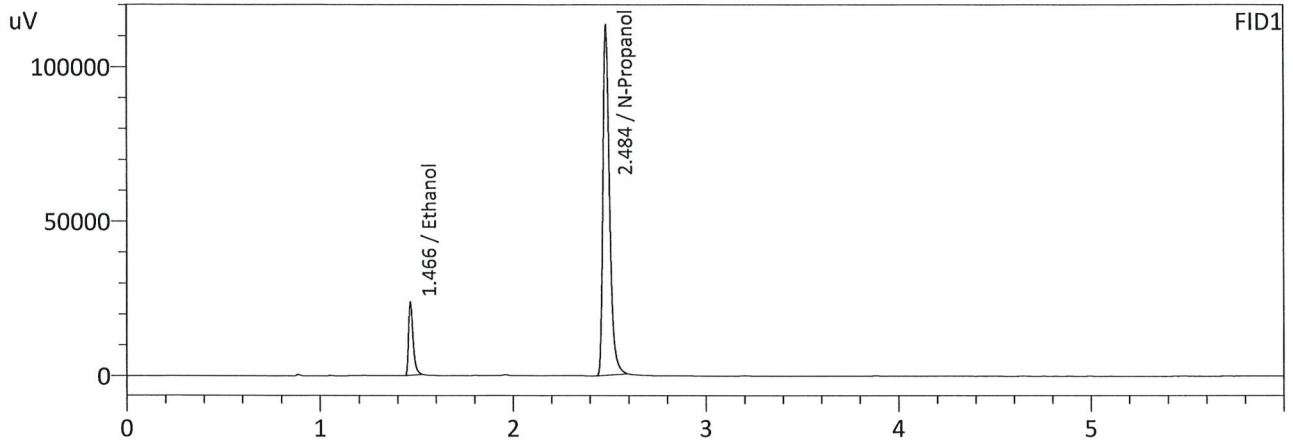
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.076	0.072	0.080	0.004

	Reported Results
	0.076

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 4:05:31 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

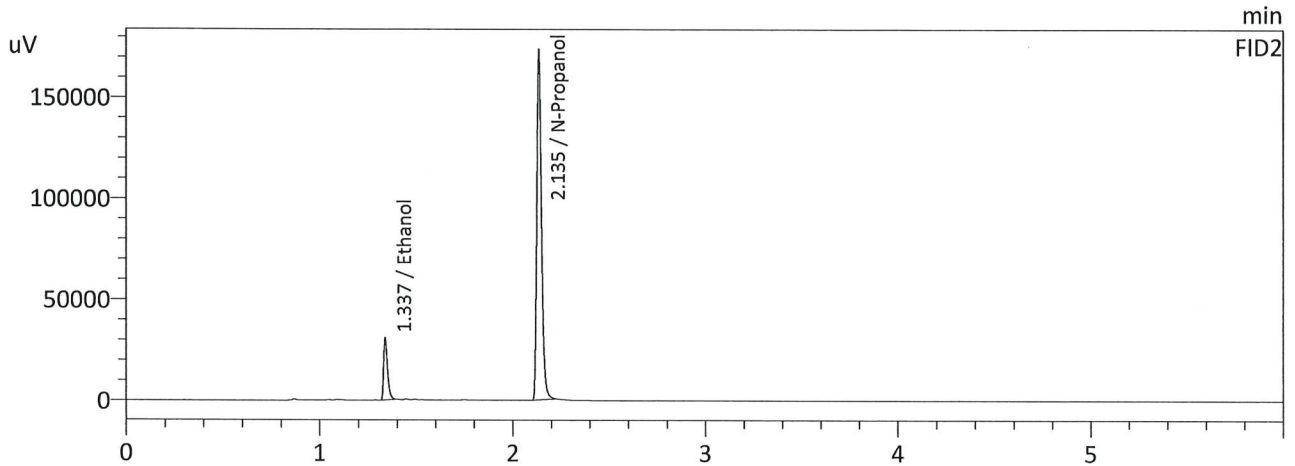
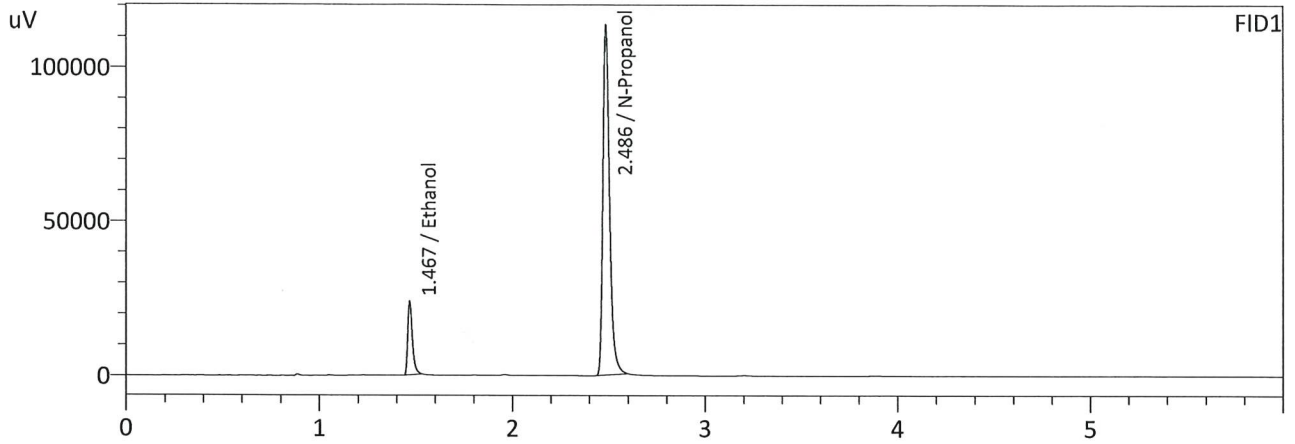
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0762	39451	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	270985	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0761	42433	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	293485	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 4:16:14 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0767	39758	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	271201	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0772	43145	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	293953	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 3/15/2023 7:38:59 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2032	0.2023	0.0009	0.2027	0.0020	0.2017
(g/100cc)	0.2012	0.2002	0.0010	0.2007		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

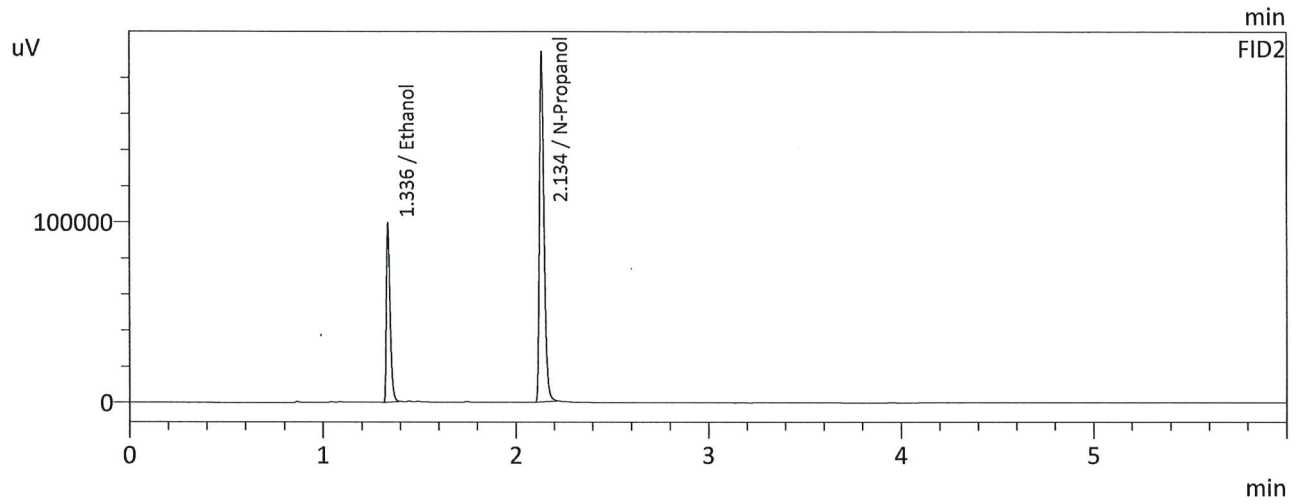
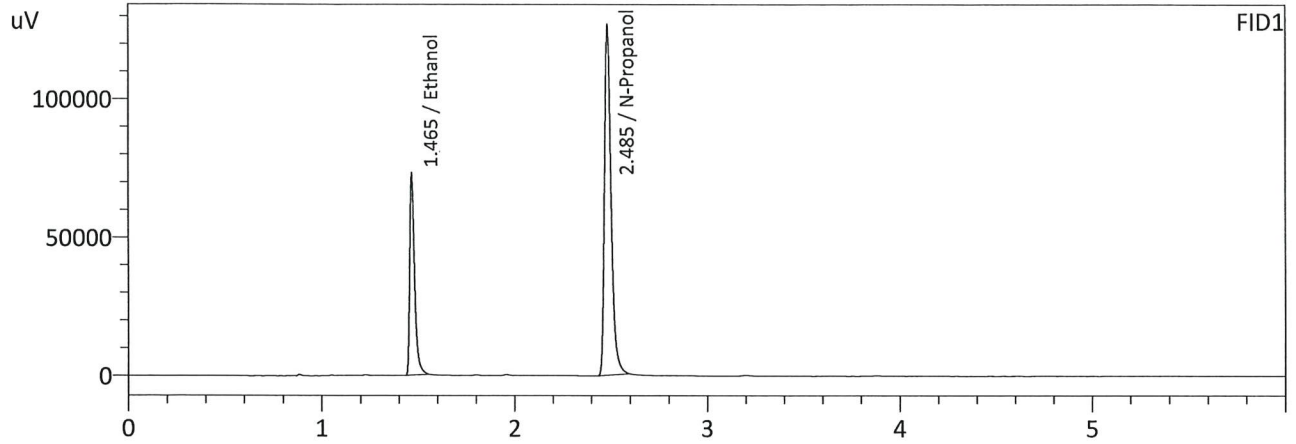
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.201	0.190	0.212	0.011

Reported Results	
0.201	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 7:38:59 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

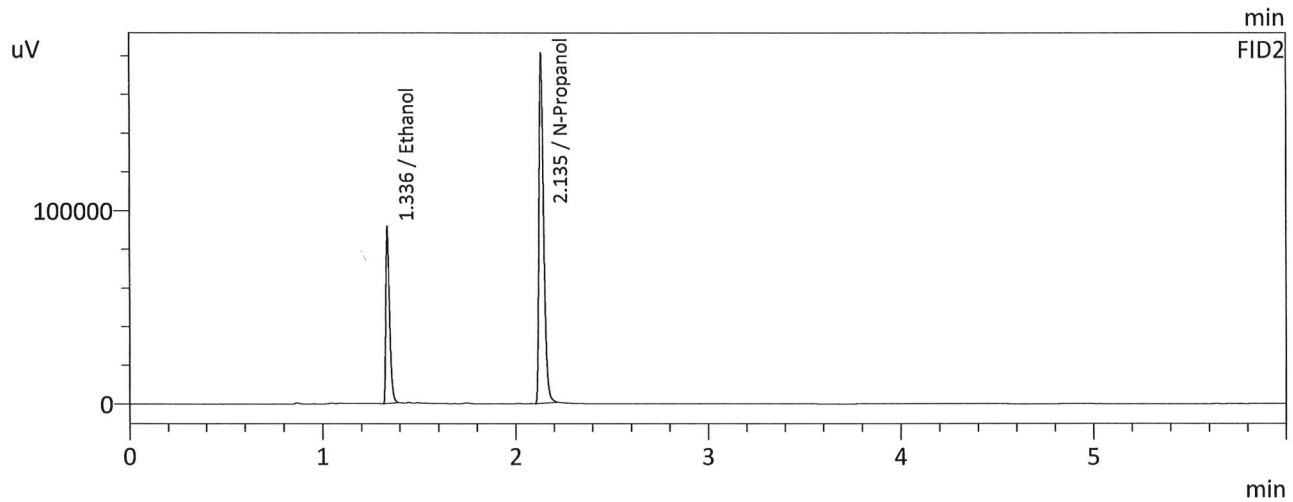
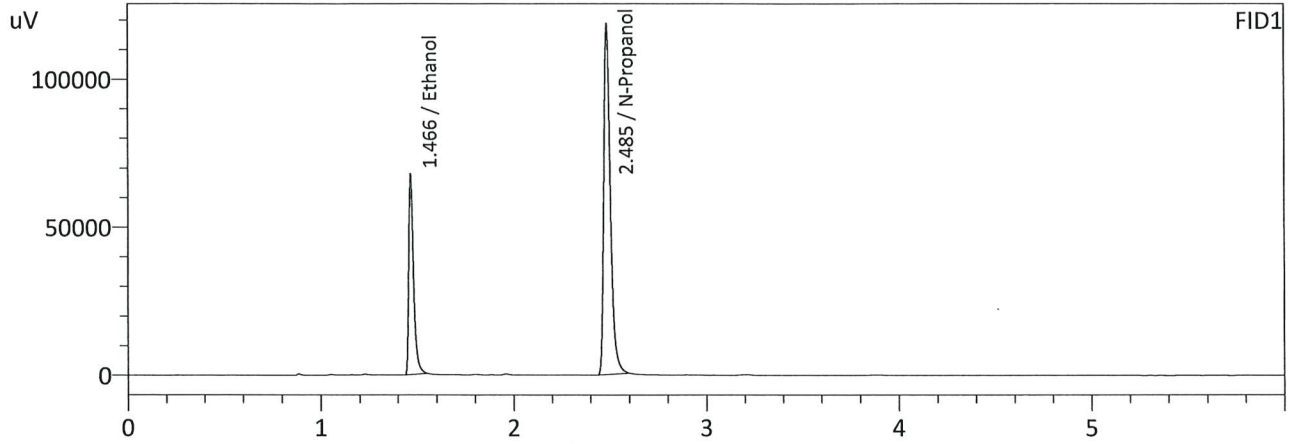
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2032	121949	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	302896	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2023	133570	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	327972	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 7:49:43 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2012	112939	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	283392	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2002	123483	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	306407	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 3/15/2023 10:53:11 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2043	0.2024	0.0019	0.2033	0.0024	0.2045
(g/100cc)	0.2064	0.2051	0.0013	0.2057		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

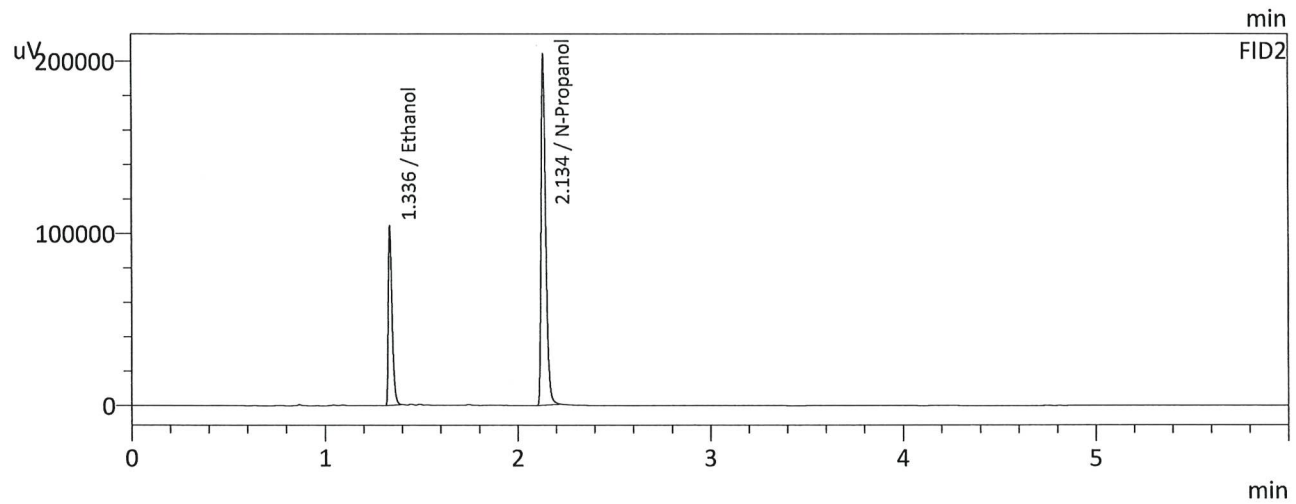
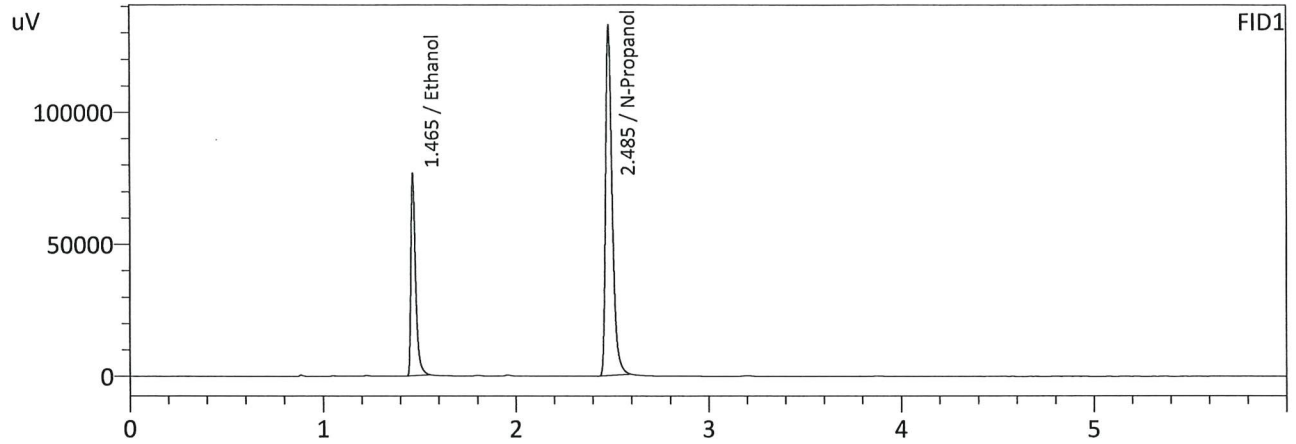
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.204	0.193	0.215	0.011

	Reported Results
	0.204

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 10:53:11 PM
 Vial # : 52
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

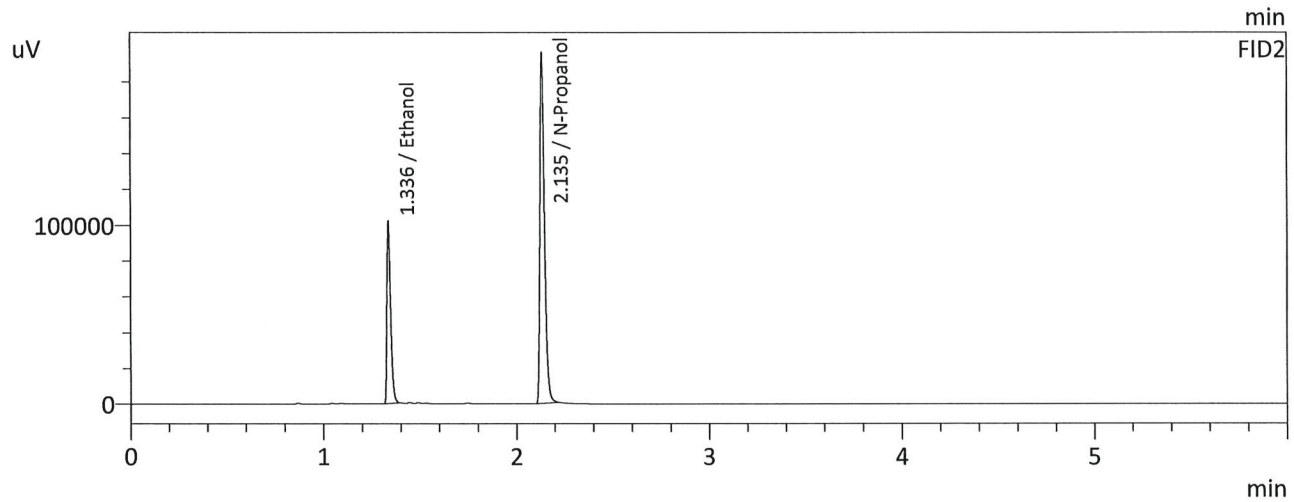
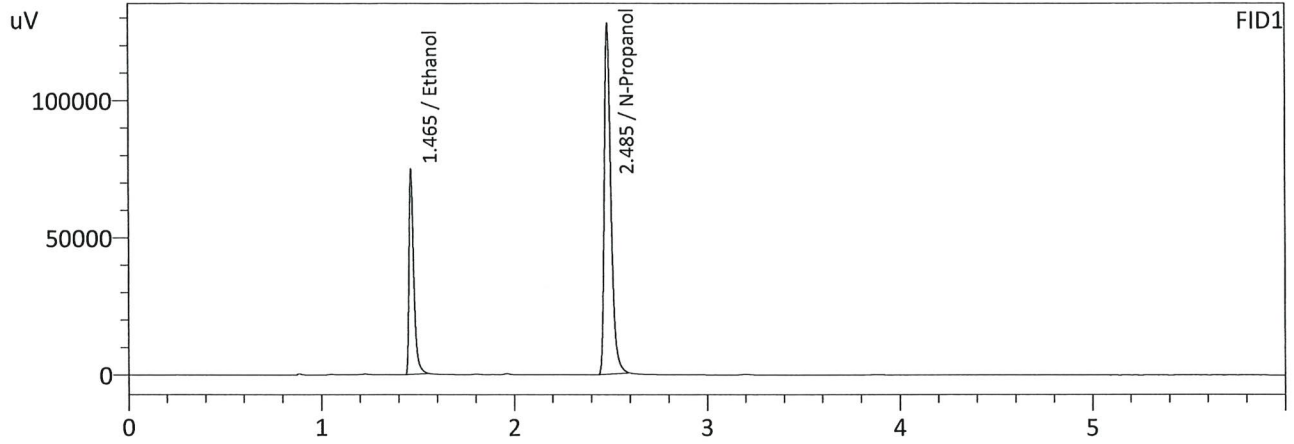
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2043	128231	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	316813	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2024	140012	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	343505	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 3/15/2023 11:03:56 PM
 Vial # : 53
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2064	124992	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	305545	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2051	136889	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	331290	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc