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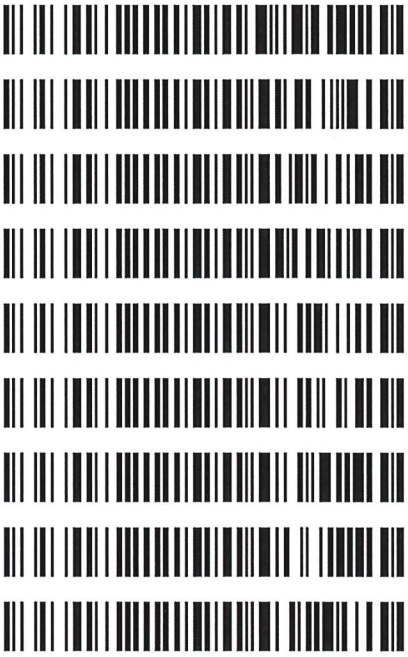
REVIEWED
By Galina Giso at 9:53 am, Feb 07, 2023

2/1/2023

Worklist: 6234

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2022-2842	1	BCK	Alcohol Analysis
C2023-0150	1	BCK	Alcohol Analysis
C2023-0153	1	BCK	Alcohol Analysis
C2023-0182	1	BCK	Alcohol Analysis
C2023-0197	1	BCK	Alcohol Analysis
C2023-0201	1	BCK	Alcohol Analysis
C2023-0203	1	BCK	Alcohol Analysis
C2023-0243	1	BCK	Alcohol Analysis
C2023-0257	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

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-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	22460-18-A	0:Unknown	0	ALCOHOL.gcm
15	22460-18-B	0:Unknown	0	ALCOHOL.gcm
16	22460-361-A	0:Unknown	0	ALCOHOL.gcm
17	22460-361-B	0:Unknown	0	ALCOHOL.gcm
18	22440-69-A	0:Unknown	0	ALCOHOL.gcm
19	22440-69-B	0:Unknown	0	ALCOHOL.gcm
20	22440-583-A	0:Unknown	0	ALCOHOL.gcm
21	22440-583-B	0:Unknown	0	ALCOHOL.gcm
22	22050-377-A	0:Unknown	0	ALCOHOL.gcm
23	22050-377-B	0:Unknown	0	ALCOHOL.gcm
24	22050-1124-A	0:Unknown	0	ALCOHOL.gcm
25	22050-1124-B	0:Unknown	0	ALCOHOL.gcm
26	C2022-2842-1-A	0:Unknown	0	ALCOHOL.gcm
27	C2022-2842-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2023-0150-1-A	0:Unknown	0	ALCOHOL.gcm
29	C2023-0150-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2023-0153-1-A	0:Unknown	0	ALCOHOL.gcm
31	C2023-0153-1-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	C2023-0182-1-A	0:Unknown	0	ALCOHOL.gcm
35	C2023-0182-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2023-0197-1-A	0:Unknown	0	ALCOHOL.gcm
37	C2023-0197-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2023-0201-1-A	0:Unknown	0	ALCOHOL.gcm
39	C2023-0201-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2023-0203-1-A	0:Unknown	0	ALCOHOL.gcm
41	C2023-0203-1-B	0:Unknown	0	ALCOHOL.gcm
42	C2023-0243-1-A	0:Unknown	0	ALCOHOL.gcm
43	C2023-0243-1-B	0:Unknown	0	ALCOHOL.gcm
44	C2023-0257-1-A	0:Unknown	0	ALCOHOL.gcm
45	C2023-0257-1-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

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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): 2/2/2023**

Calibration Date: *(if different)*

Worklist #: 6234

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688 - 0.0840	0.0800 g/100cc
					g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953 - 0.2387	0.2066 g/100cc
					0.2068 g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	July 31, 2024	**Lot #**	FN04231907		OK
Curve Fit:			**Column 1**	0.99975	**Column2**	0.99966

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0529	0.0538	0.0009	0.0533
100	0.100	0.090 - 0.110	0.1003	0.0998	0.0005	0.1
200	0.200	0.180 - 0.220	0.1968	0.1963	0.0005	0.1965
300	0.300	0.270 - 0.330	0.2975	0.2971	0.0004	0.2973
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5024	0.5027	0.0003	0.5025

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc

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Internal Standard Monitoring Worksheet

Worklist #:	6216	Run Date(s):	2/2/2023

Internal Standard Solution: Lot# A014463901	Prep Date: 1/19/2023	Exp Date: 7/19/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	271414	295593
0.080	281233	306795
QC1	271182	294949
QC1	275749	300465
QC1		
QC1		
QC1		
QC1		
QC2	297079	321807
QC2	291597	316216
QC2	304231	329920
QC2	303804	329634
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	287036.1	229628.9	344443.4
Column 2	311922.4	249537.9	374306.9

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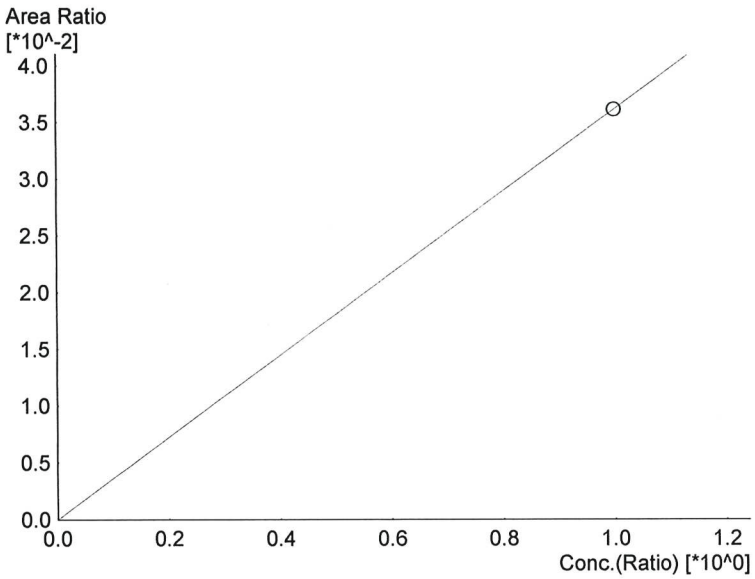
Calibration Table

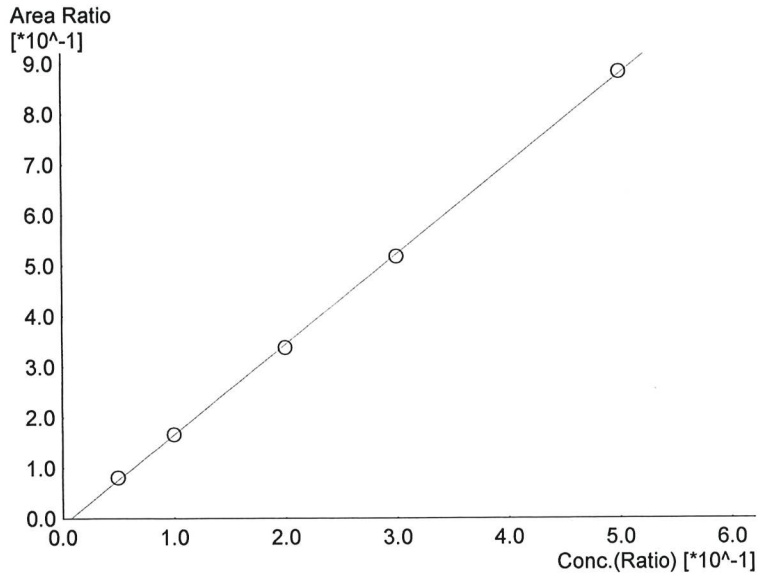
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL.gcm
Batch File :Default Project - 2-2-2023.gcb
Date Acquired :2/2/2023 4:14:06 PM
Date Created :2/2/2023 4:11:29 PM
Date Modified :2/3/2023 8:41:01 AM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0362101*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	9444	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=1.78798*x-0.0137395
R^2 value= 0.9997598
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20353	0.0529
2	0.100	41896	0.1003
3	0.200	86391	0.1968
4	0.300	132743	0.2975
5	0.500	227674	0.5024

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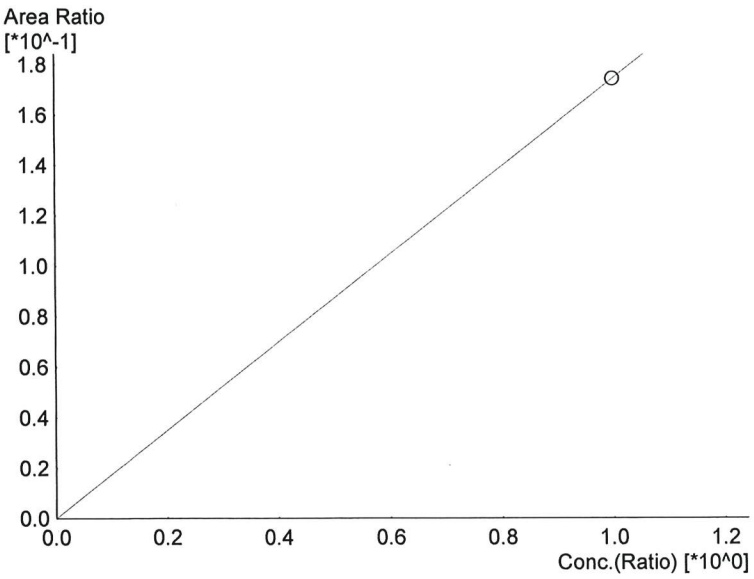
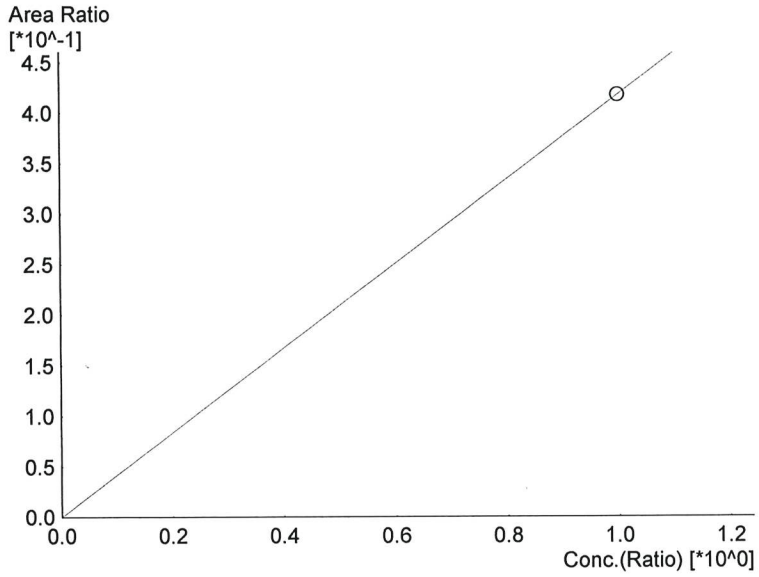


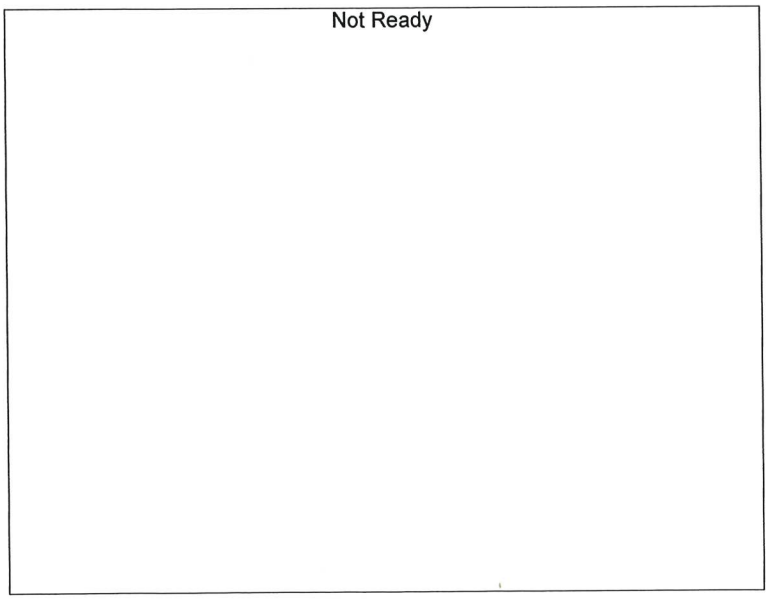
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.174229*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	45439	1.0000



Name : Acetone
Detector Name: FID1
Function : f(x)=0.418187*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	109063	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.

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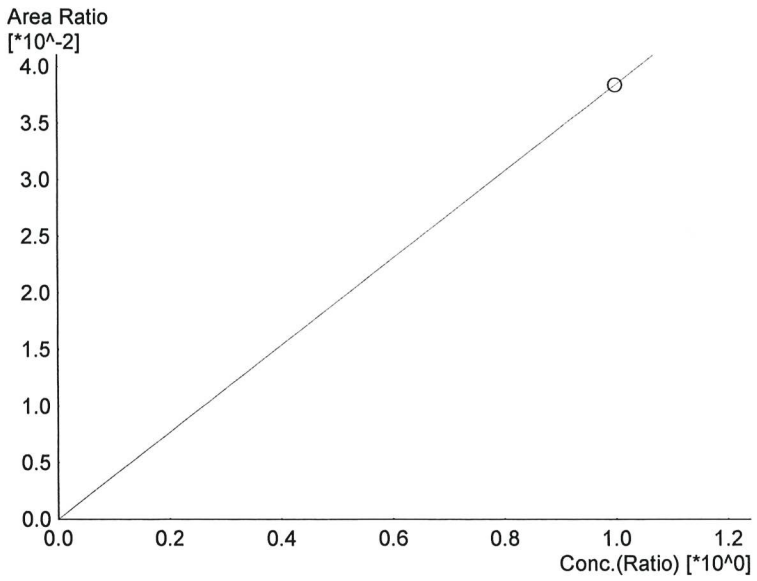
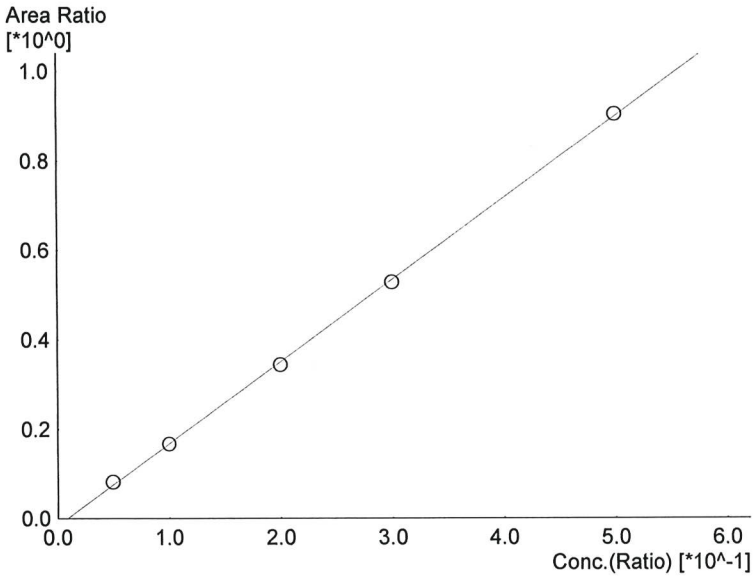


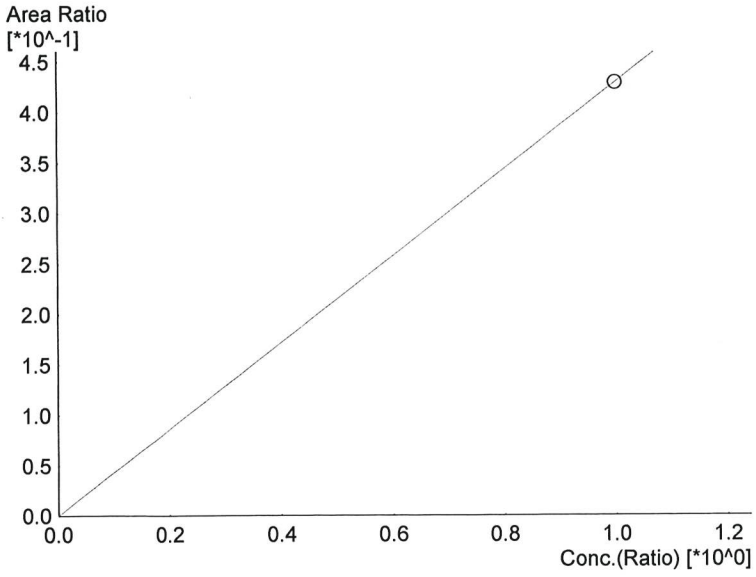
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0383741*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	10866	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=1.83396*x-0.0166011
R^2 value= 0.9996607
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22412	0.0538
2	0.100	45662	0.0998
3	0.200	95346	0.1963
4	0.300	147170	0.2971
5	0.500	253000	0.5027



Name : Acetone
Detector Name: FID2
Function : f(x)=0.430052*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	121773	1.0000

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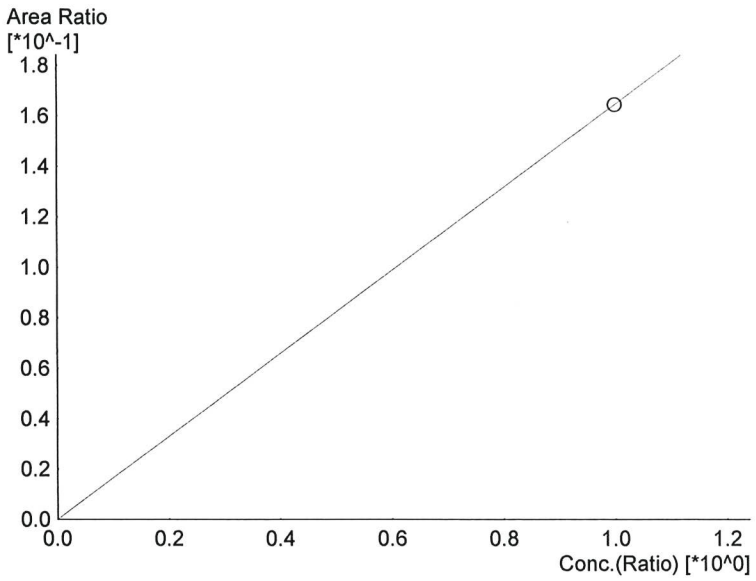

Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.164448*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	46565	1.0000

Not Ready

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.

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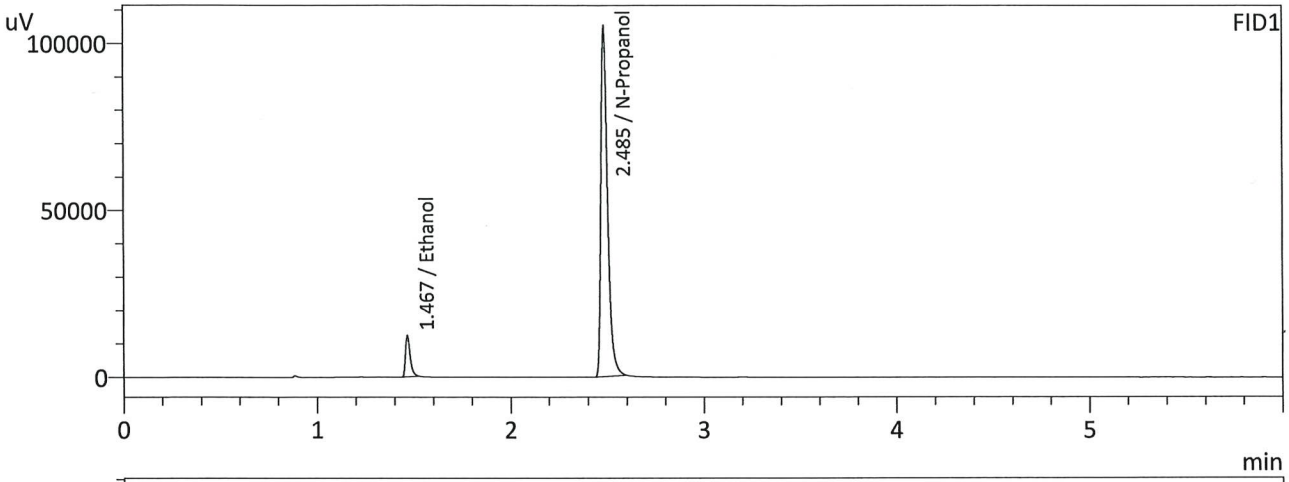
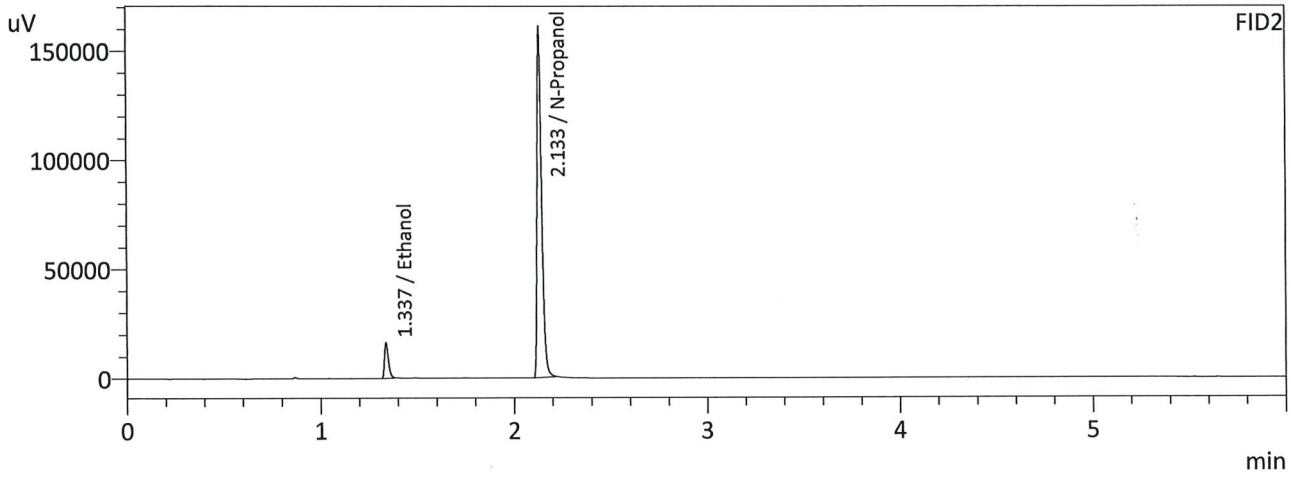
Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 3:35:19 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0529	20353	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251664	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0538	22412	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	273052	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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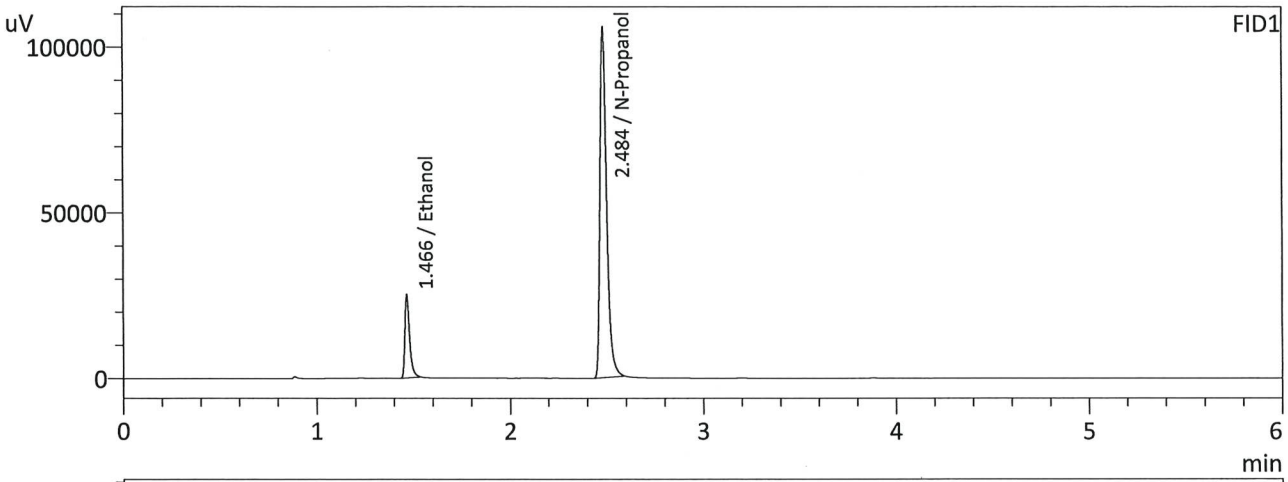
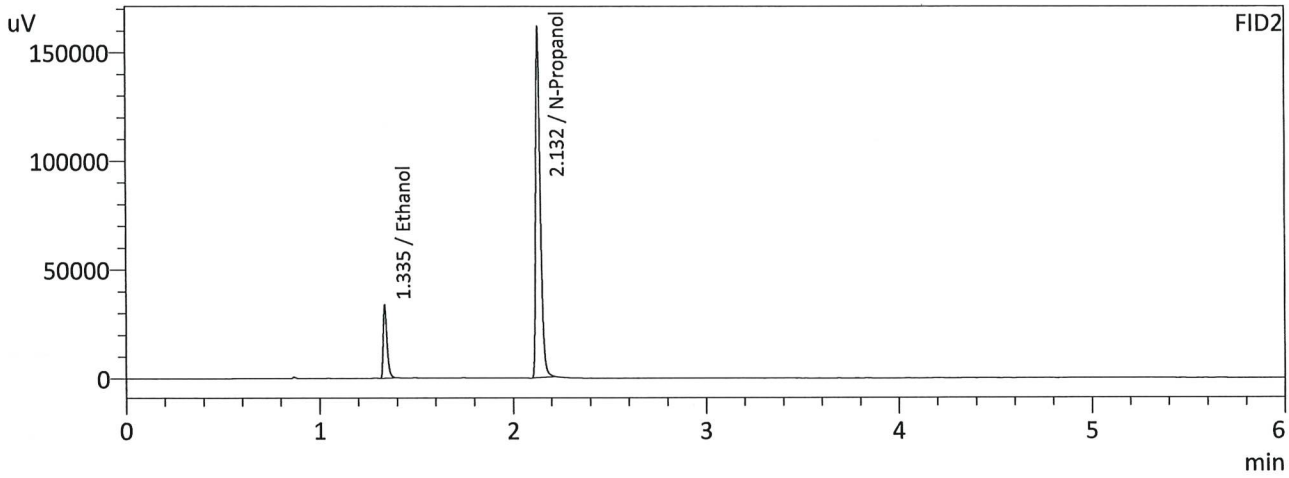
Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 3:46:03 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	41896	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252851	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0998	45662	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274232	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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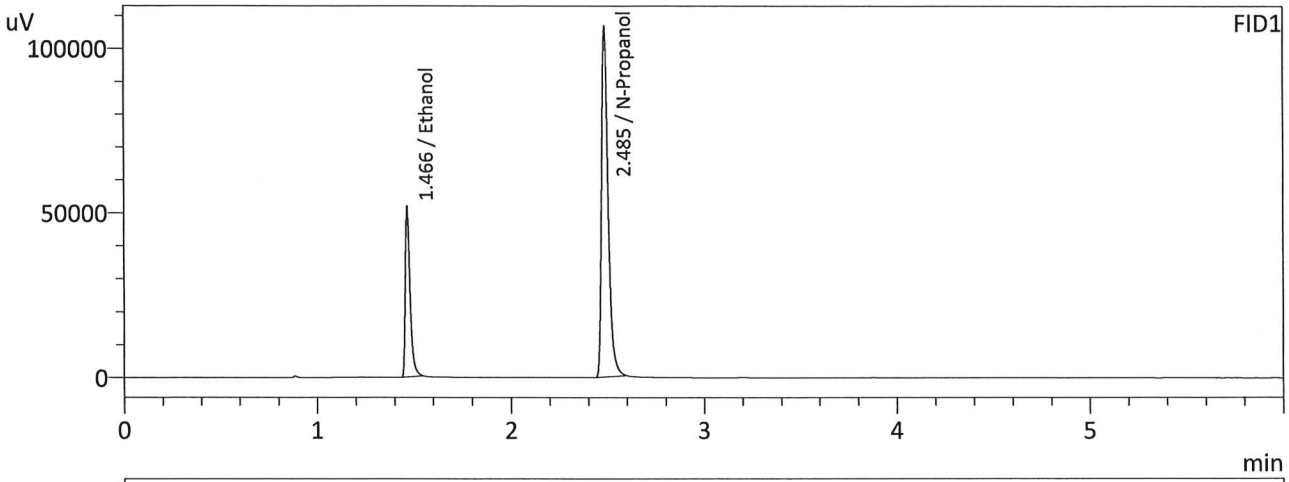
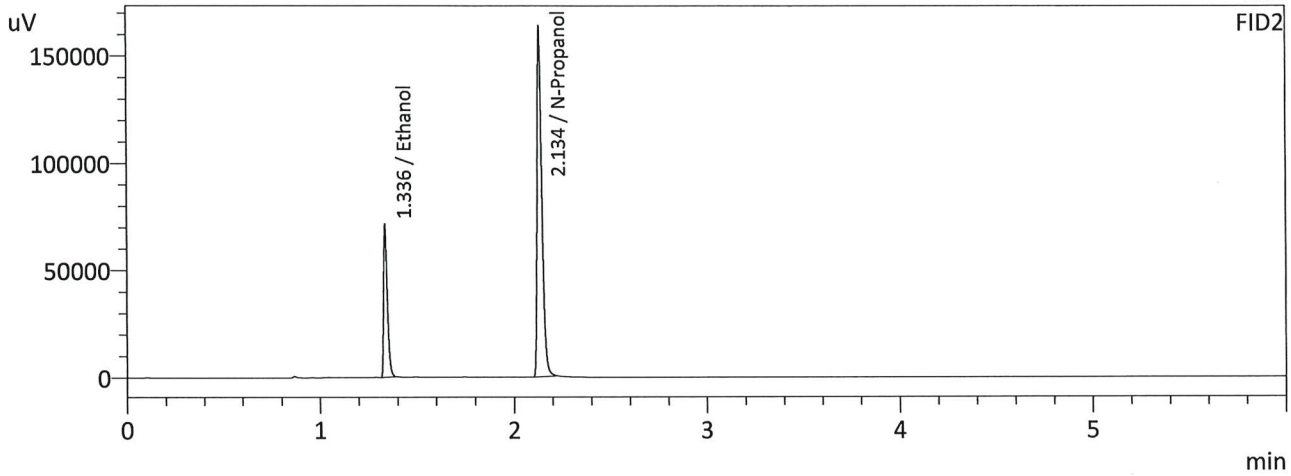
Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 3:54:43 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1968	86391	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255483	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1963	95346	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	277518	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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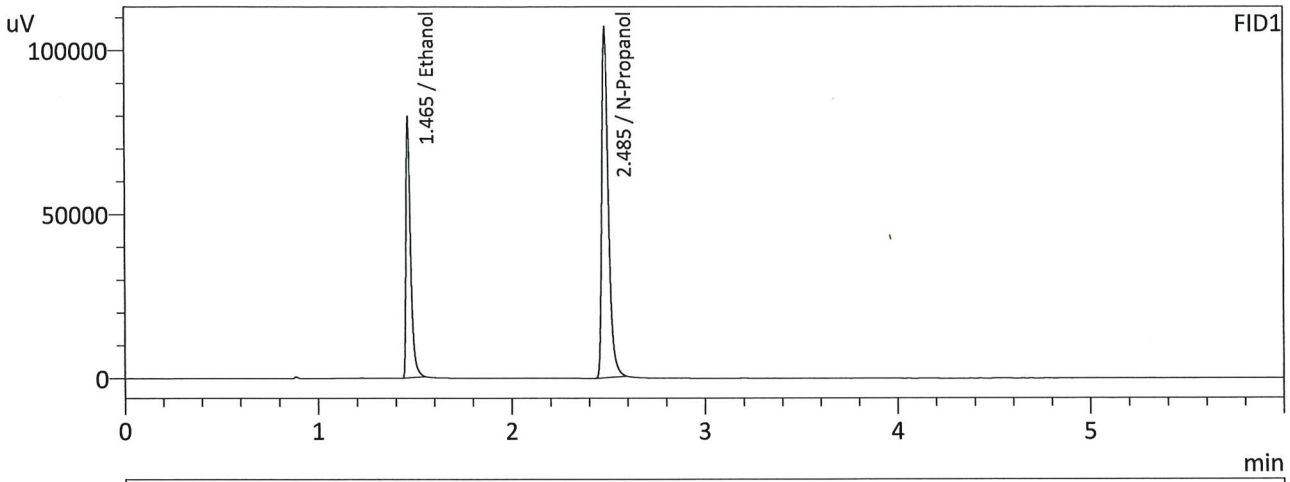
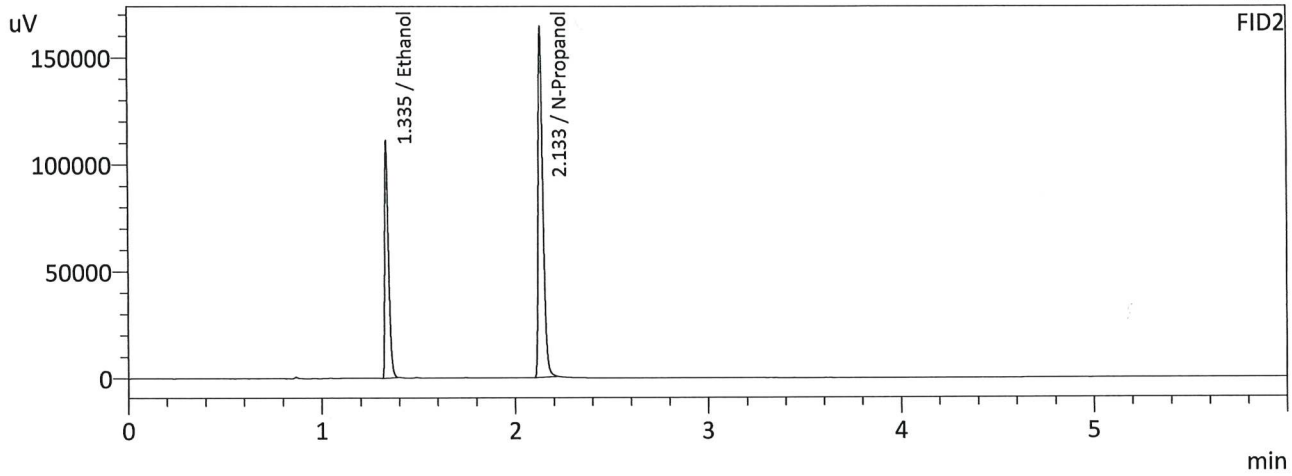
Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 4:05:27 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2975	132743	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256153	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2971	147170	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278528	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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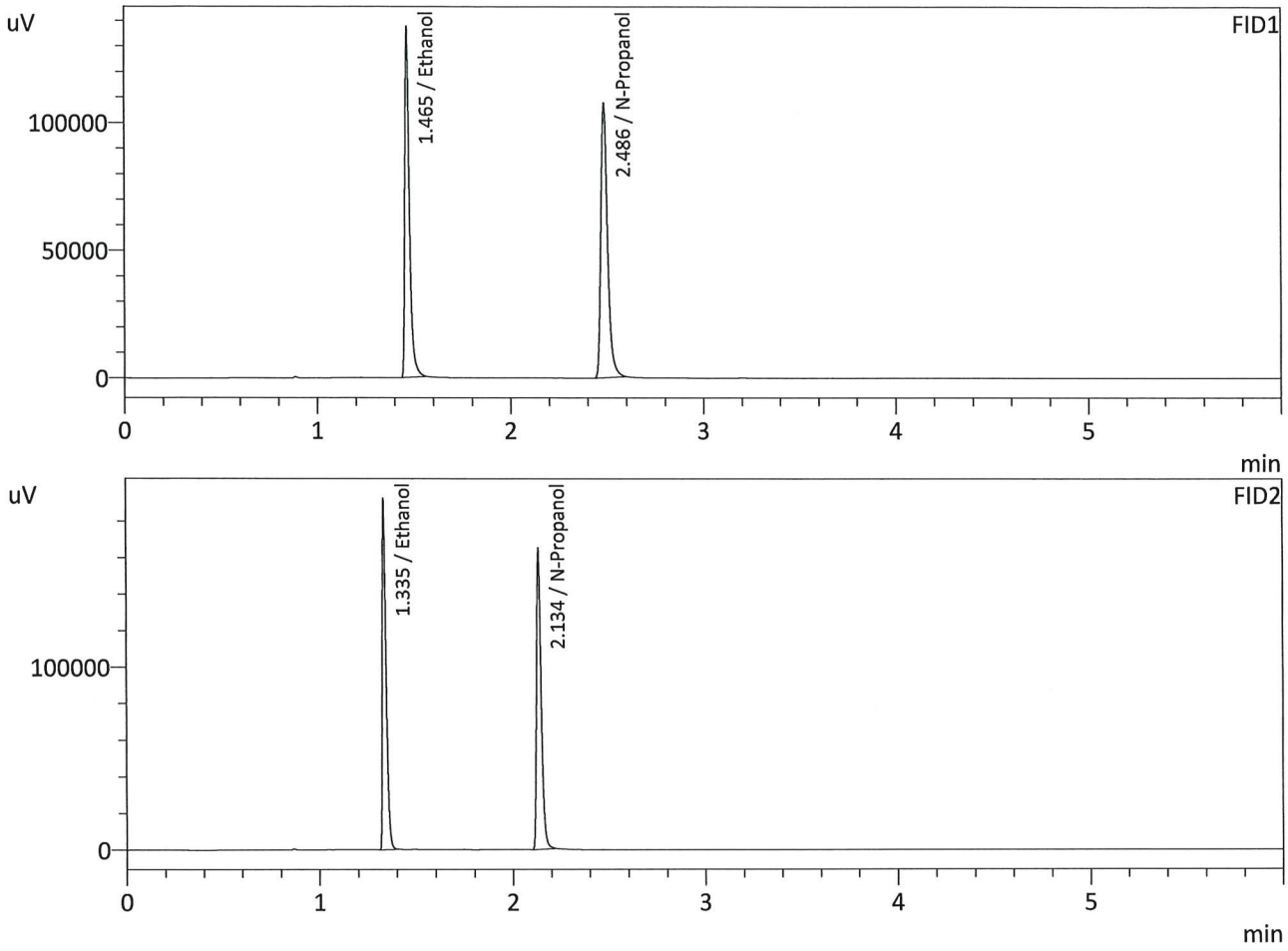
Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 4:14:06 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5024	227674	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	257390	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5027	253000	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	279400	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1-A **Analysis Date(s): 2/2/2023 4:52:55 PM(-08:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0796	0.0797	0.0001	0.0796	0.0009	0.0800
(g/100cc)	0.0804	0.0806	0.0002	0.0805		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrumnet Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

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

Reported Results
0.080

Calibration and control data are stored centrally.

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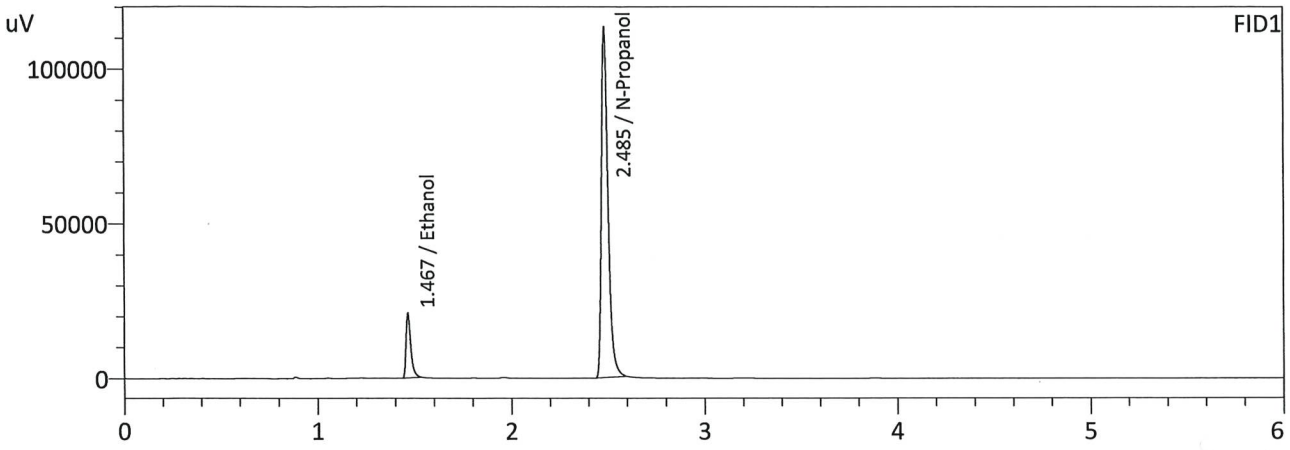
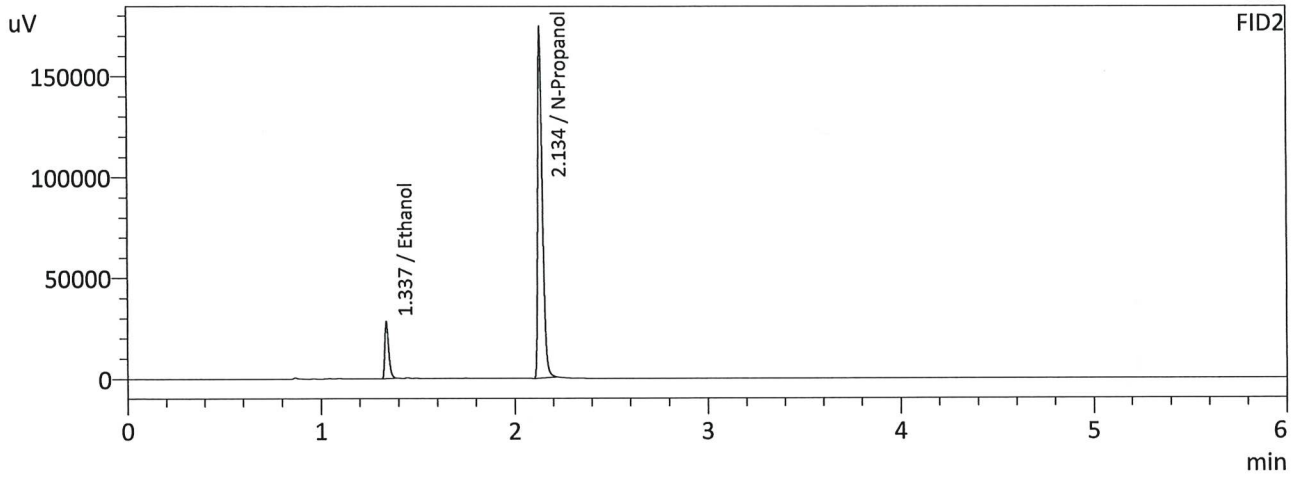
Sample Name : QC-1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 4:52:55 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

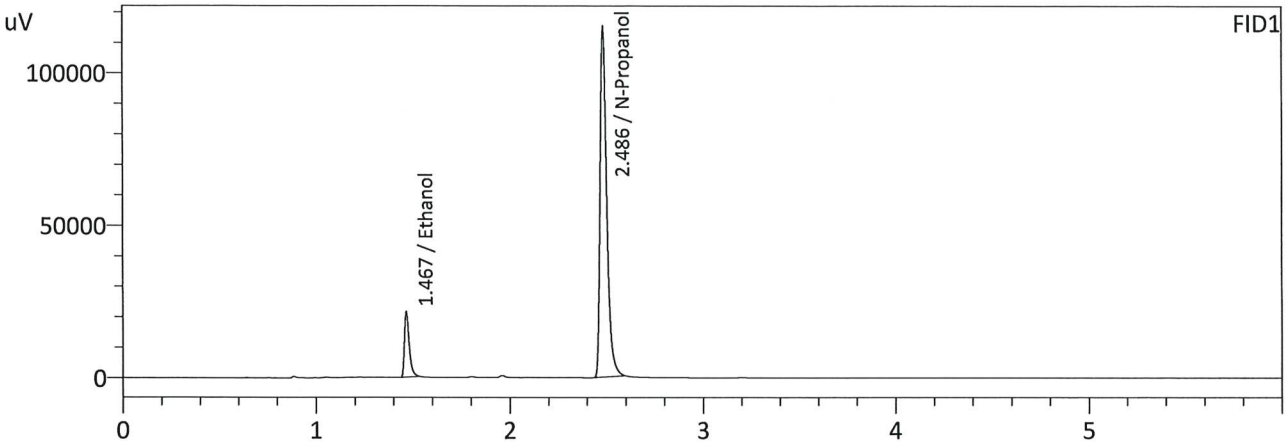
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0796	34881	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	271182	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

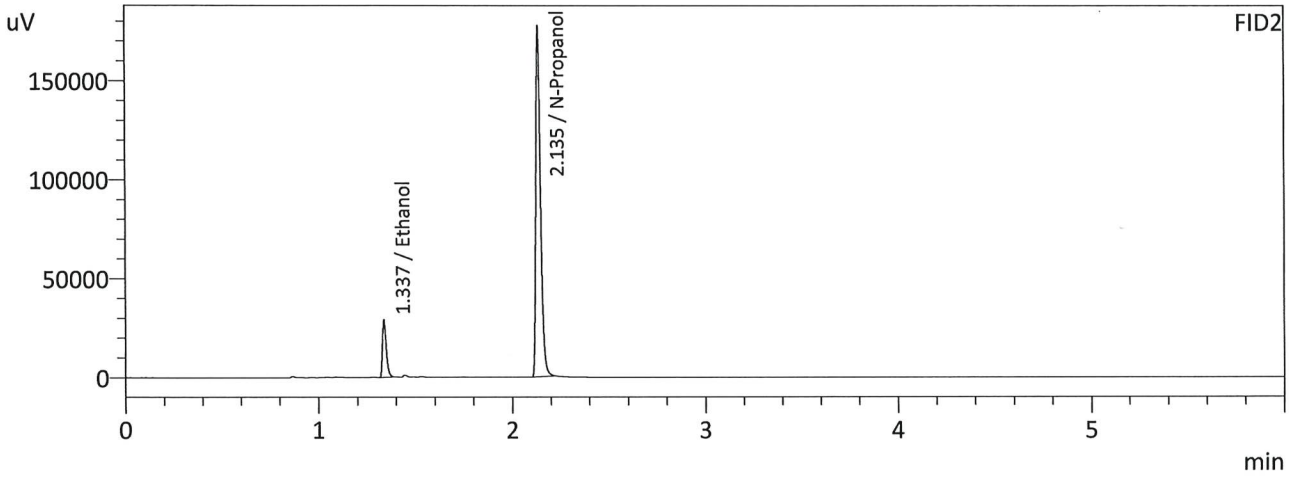
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0797	38241	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	294949	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 5:03:38 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	35891	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	275749	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	39430	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	300465	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA - A **Analysis Date(s): 2/2/2023 5:12:18 PM(-08:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0821	0.0822	0.0001	0.0821	0.0002	0.0820
(g/100cc)	0.0819	0.0820	0.0001	0.0819		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrumnet Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

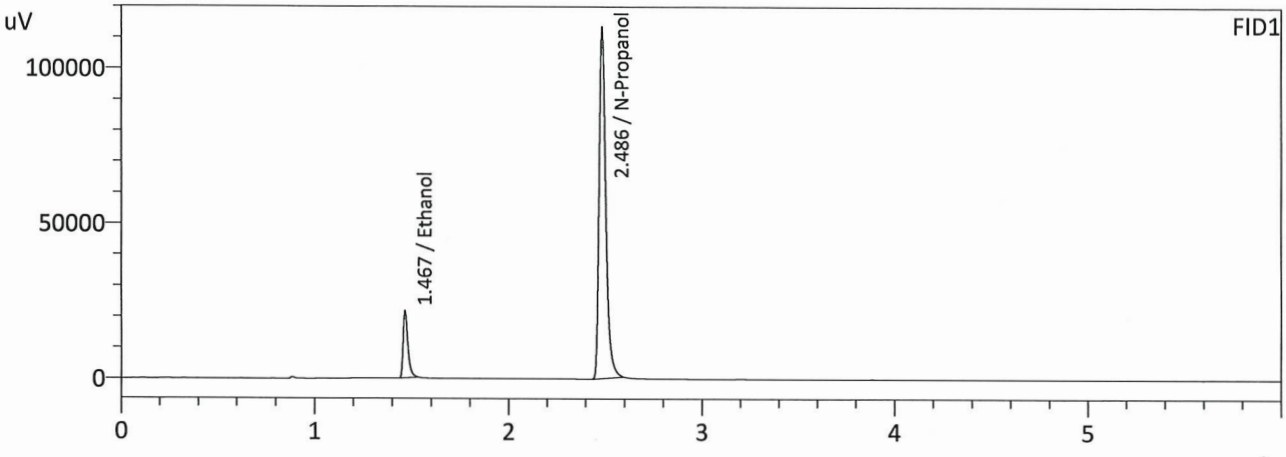
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

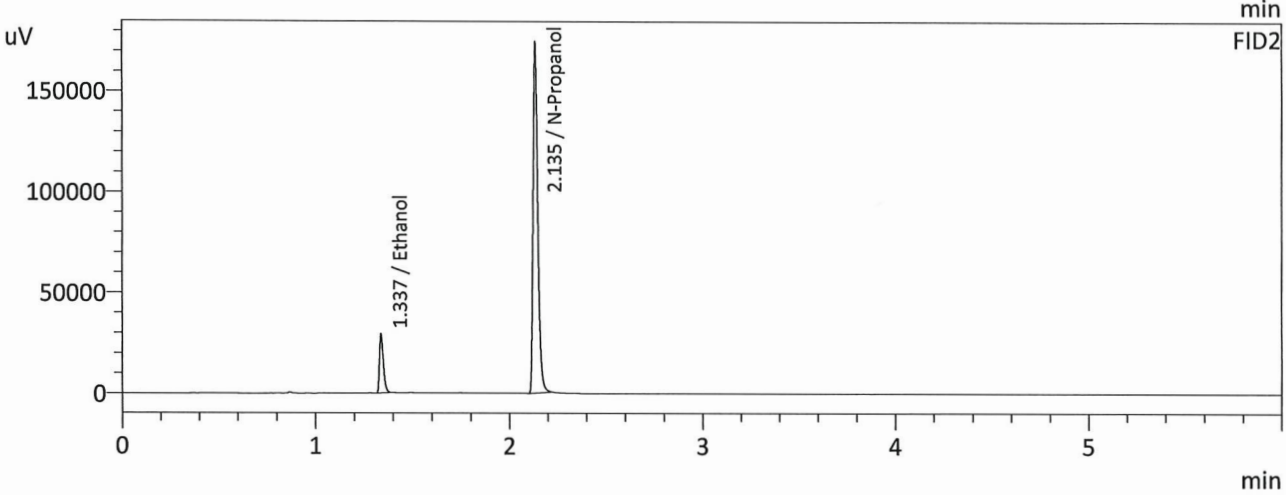
Reported Results
0.082

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 5:12:18 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

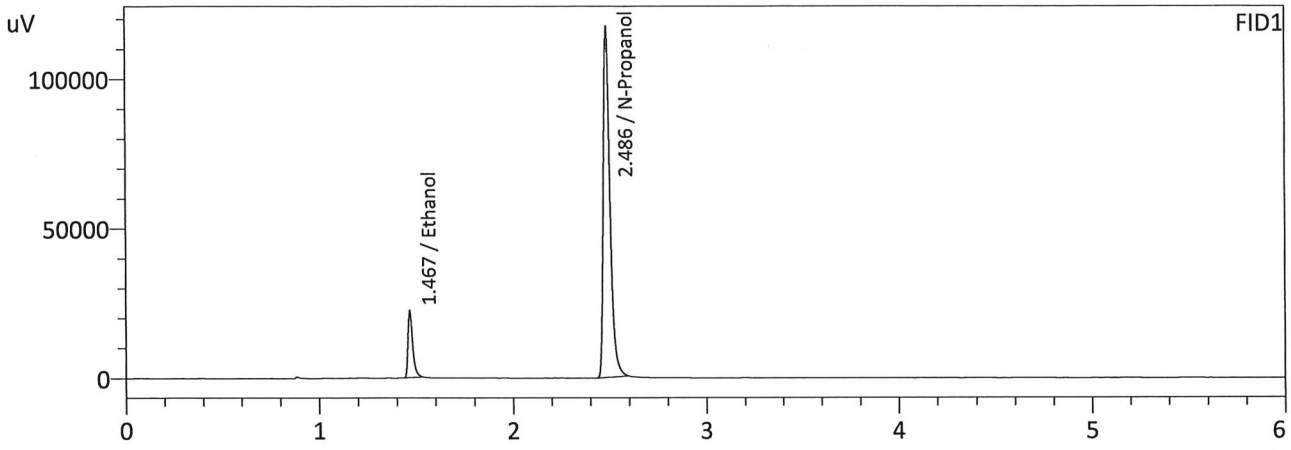
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	36132	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	271414	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

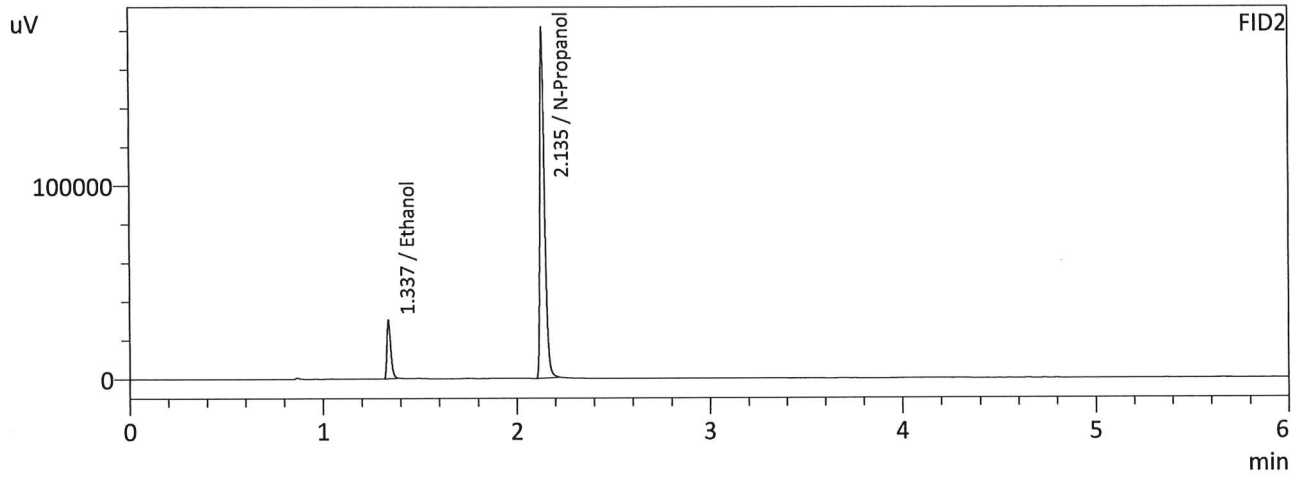
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	39705	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	295593	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 5:23:01 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	37366	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	281233	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	41086	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	306795	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1-A **Analysis Date(s): 2/2/2023 8:26:21 PM(-08:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2073	0.2065	0.0008	0.2069	0.0006	0.2066
(g/100cc)	0.2067	0.2059	0.0008	0.2063		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrumnet Method: ALCOHOL.gcm

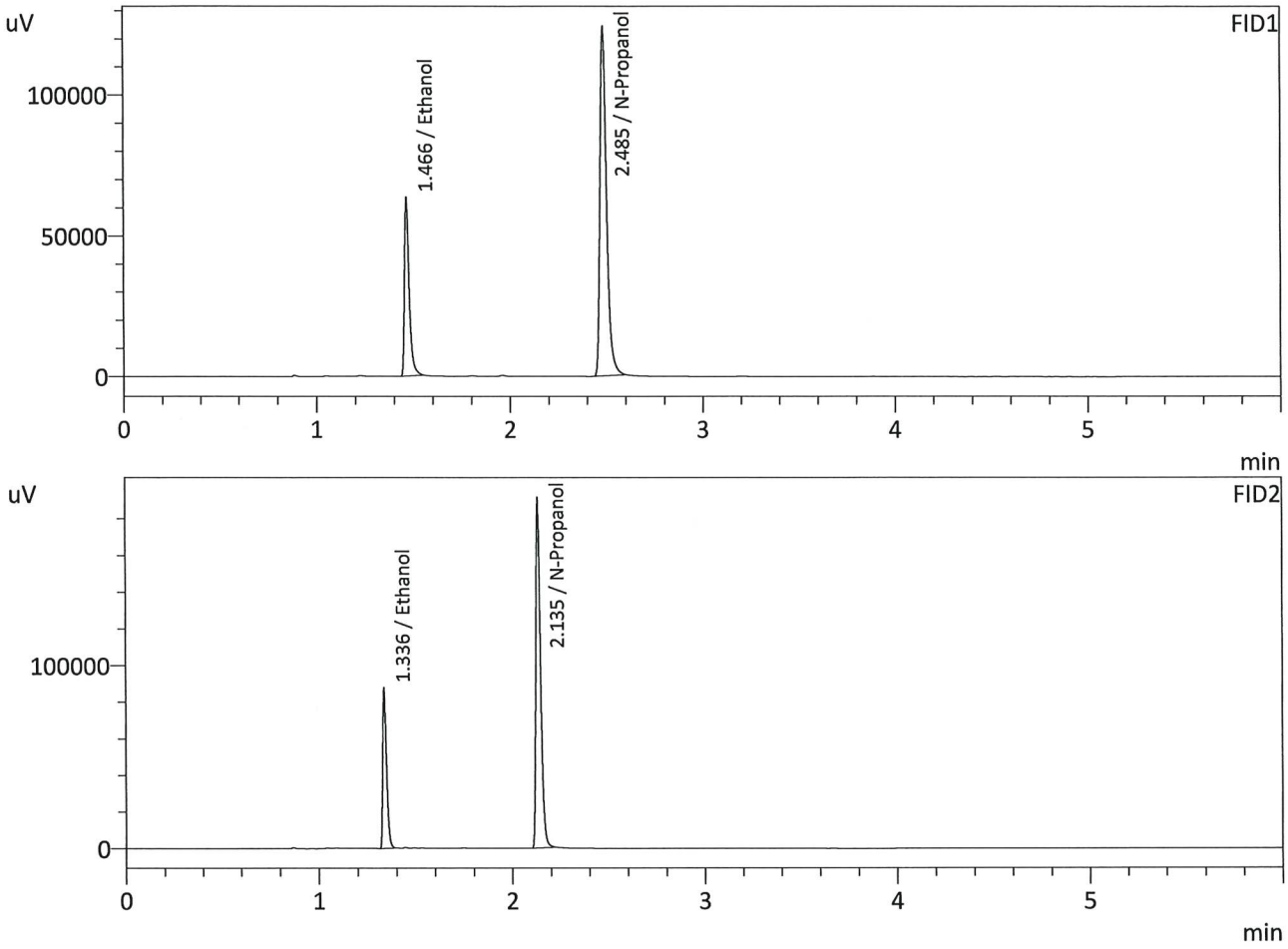
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.206	0.195	0.217	0.011

Reported Results
0.206

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 8:26:21 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

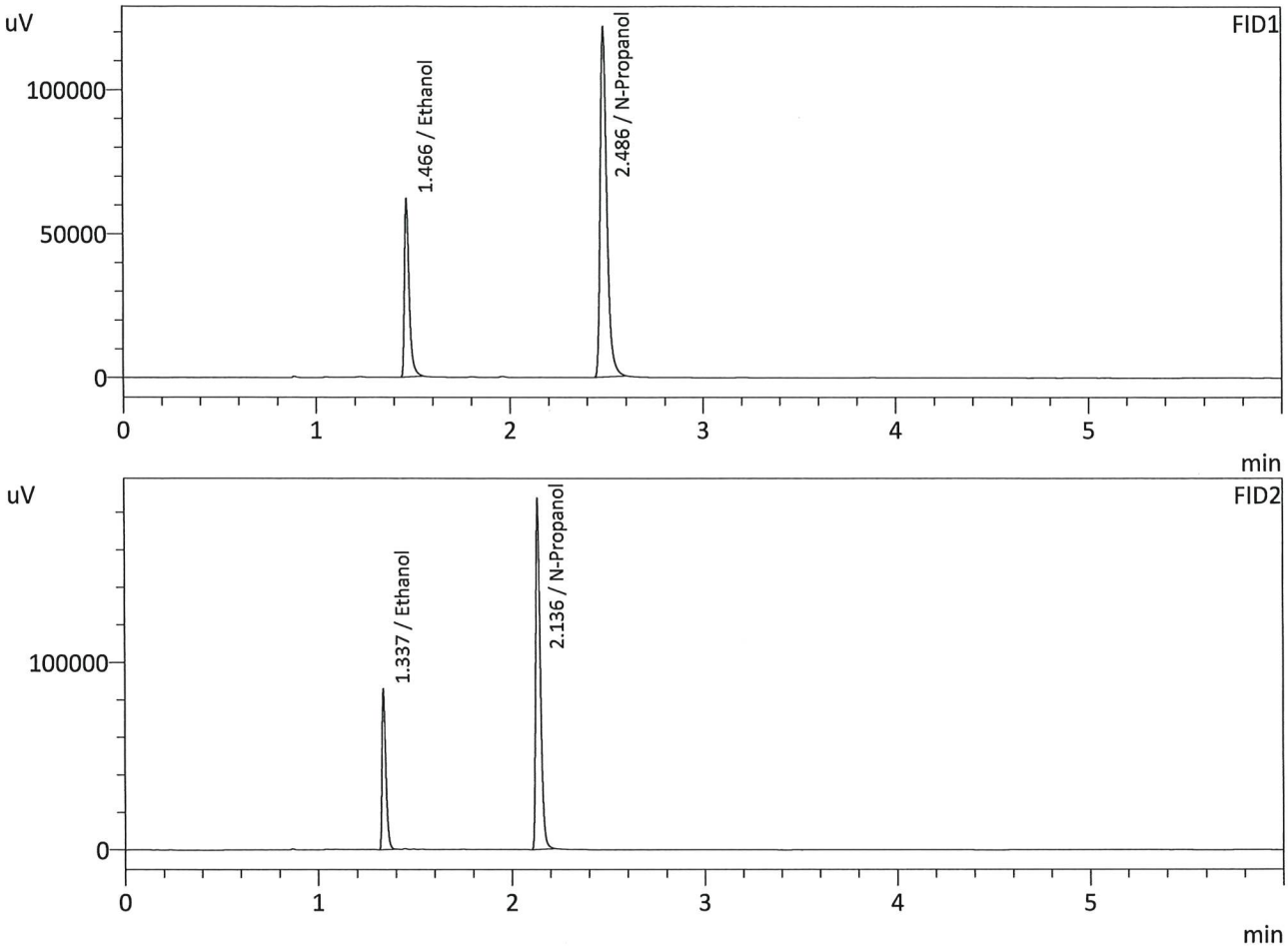
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2073	106079	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	297079	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2065	116556	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	321807	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 8:37:04 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2067	103763	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	291597	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2059	114159	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	316216	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2-A **Analysis Date(s): 2/2/2023 10:42:17 PM(-08:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2070	0.2057	0.0013	0.2063	0.0010	0.2068
(g/100cc)	0.2079	0.2068	0.0011	0.2073		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrumnet Method: ALCOHOL.gcm

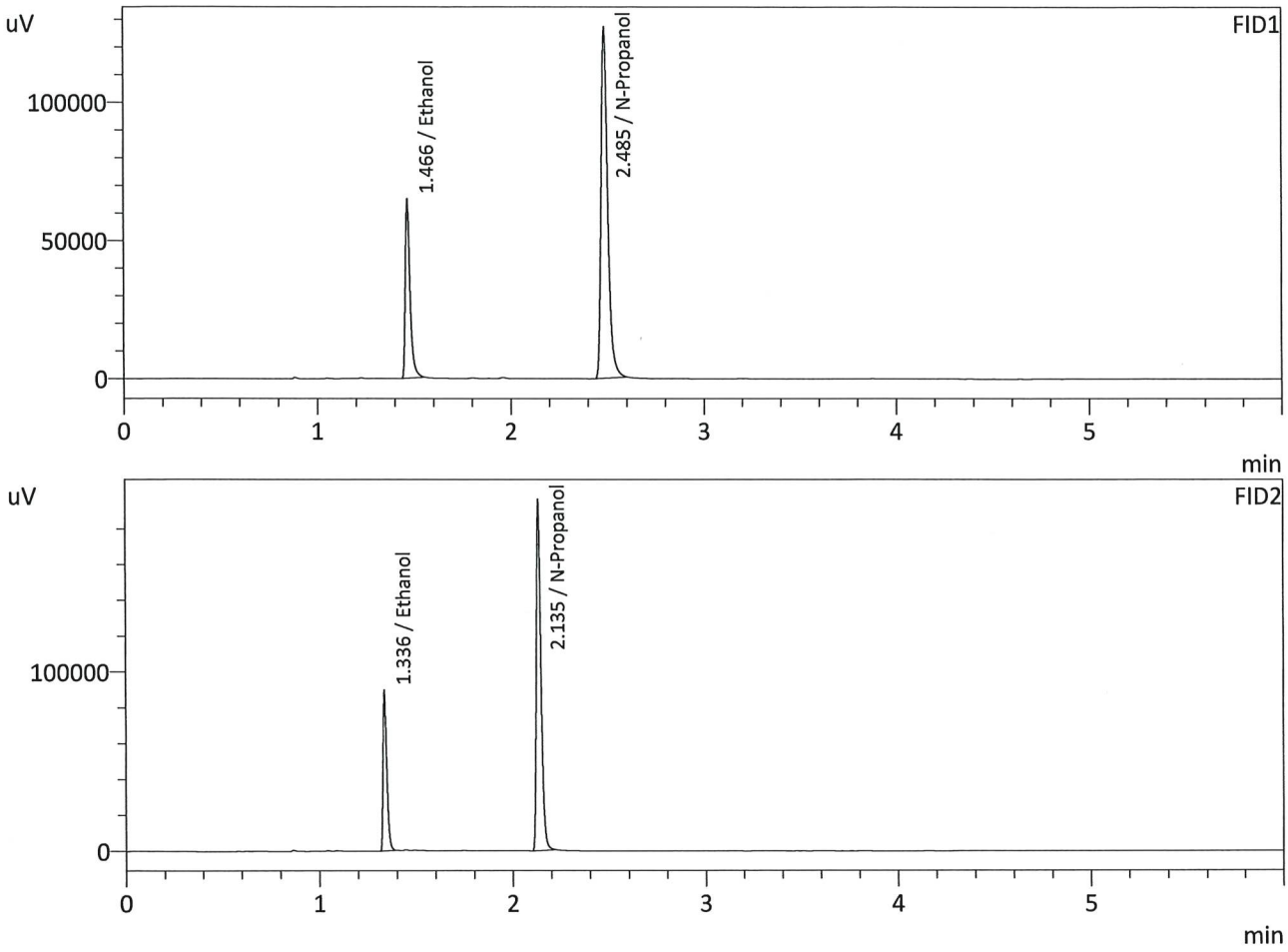
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.206	0.195	0.217	0.011

Reported Results
0.206

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 10:42:17 PM
Vial # : 46
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

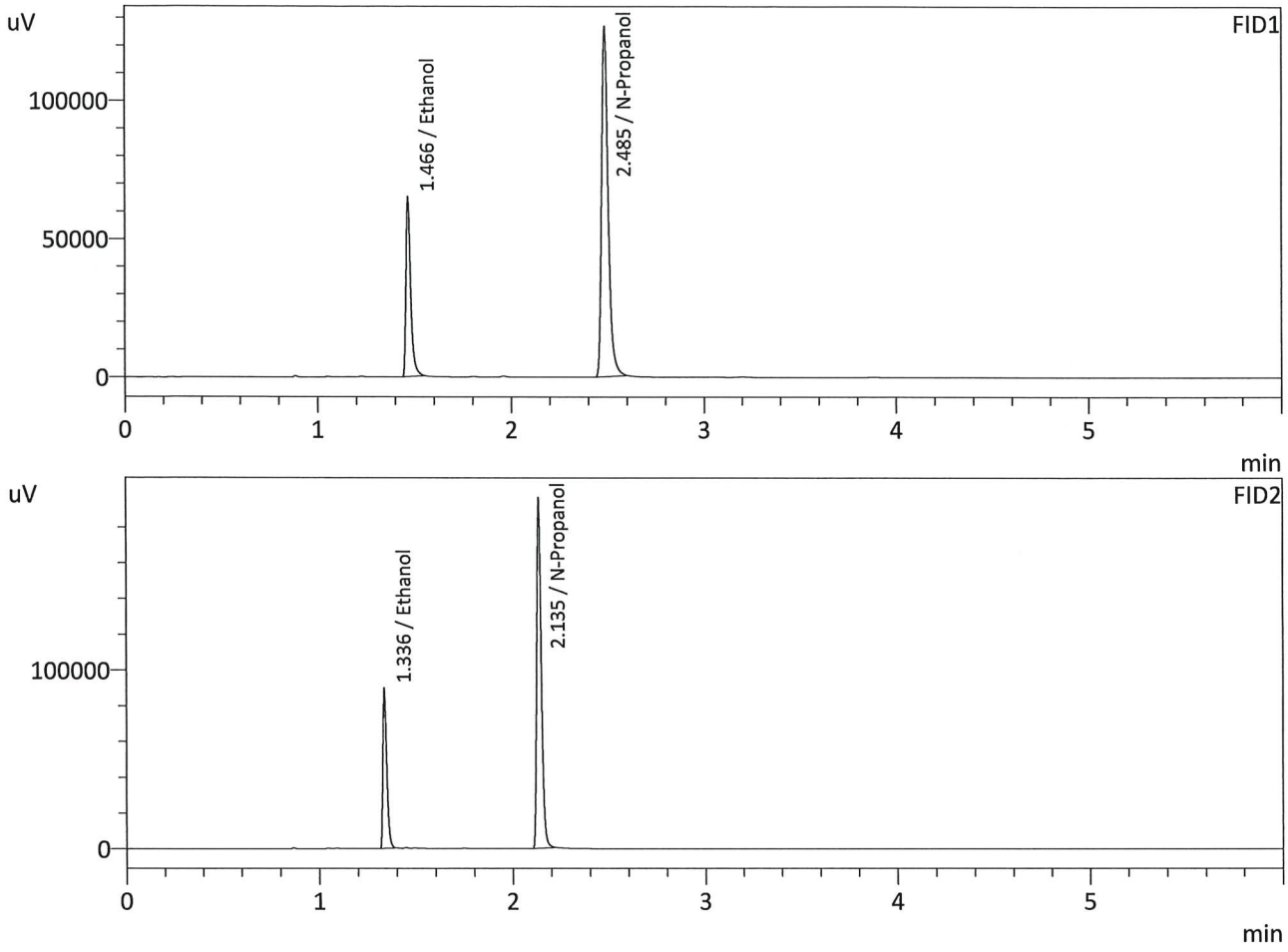
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2070	108434	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	304231	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2057	119026	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	329920	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 10:53:02 PM
Vial # : 47
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

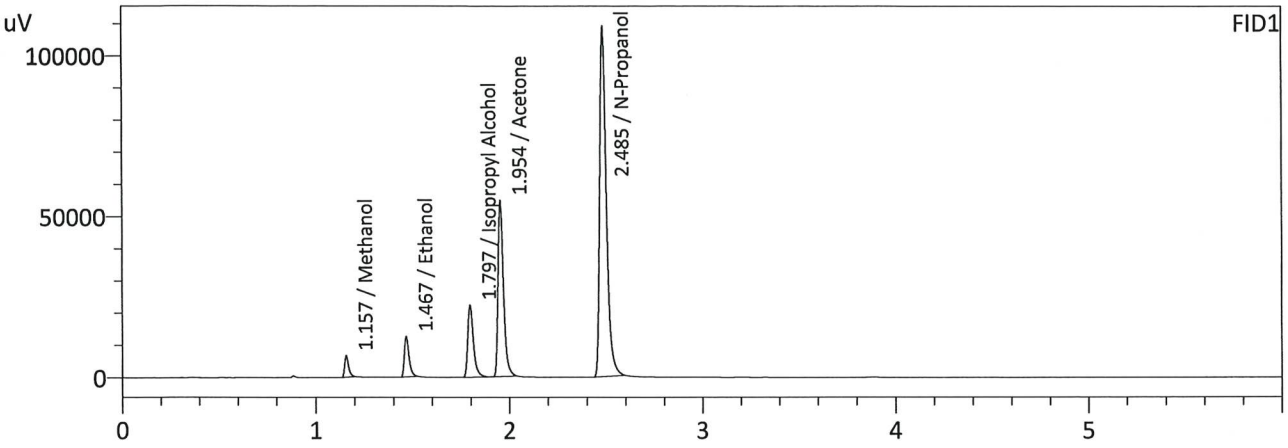
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2079	108760	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	303804	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

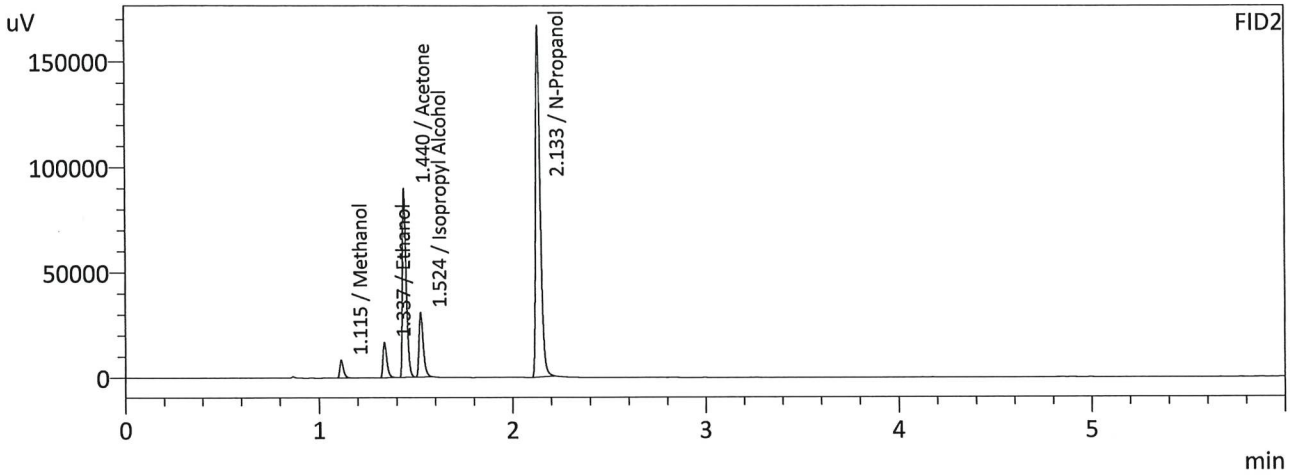
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2068	119586	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	329634	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 4:33:29 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

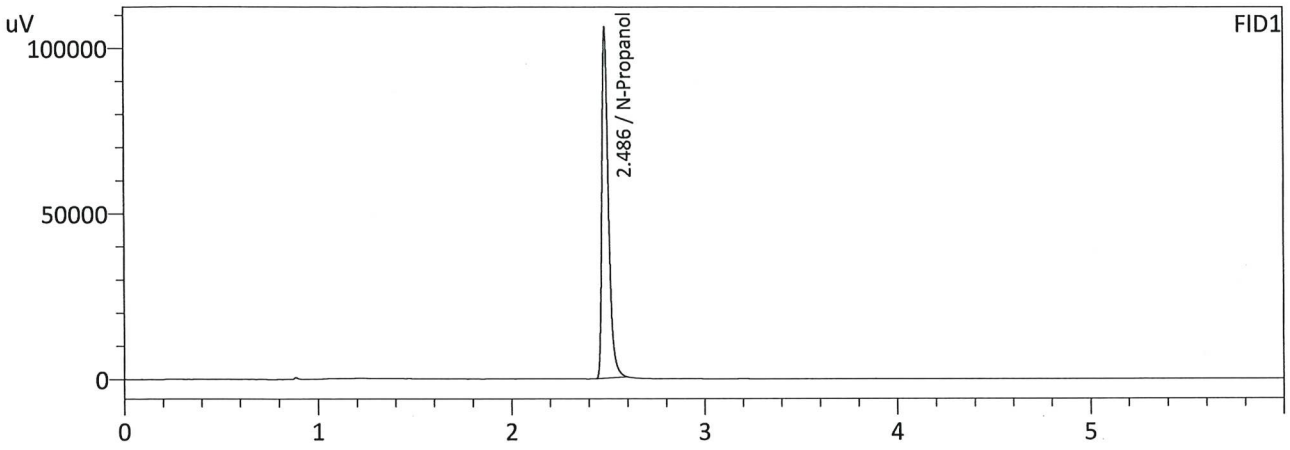
Name	Conc.	Area	Unit
Methanol	1.0000	9444	g/100cc
Ethanol	0.0520	20669	g/100cc
Isopropyl Alcohol	1.0000	45439	g/100cc
Acetone	1.0000	109063	g/100cc
N-Propanol	0.0000	260801	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

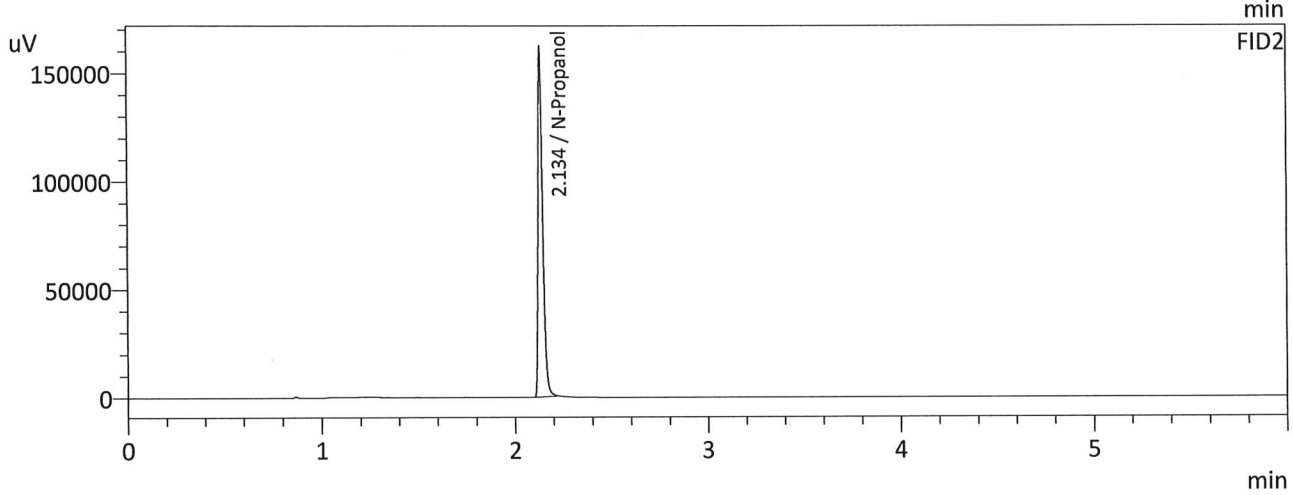
FID2

Name	Conc.	Area	Unit
Methanol	1.0000	10866	g/100cc
Ethanol	0.0532	22953	g/100cc
Acetone	1.0000	121773	g/100cc
Isopropyl Alcohol	1.0000	46565	g/100cc
N-Propanol	0.0000	283159	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 3:26:38 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

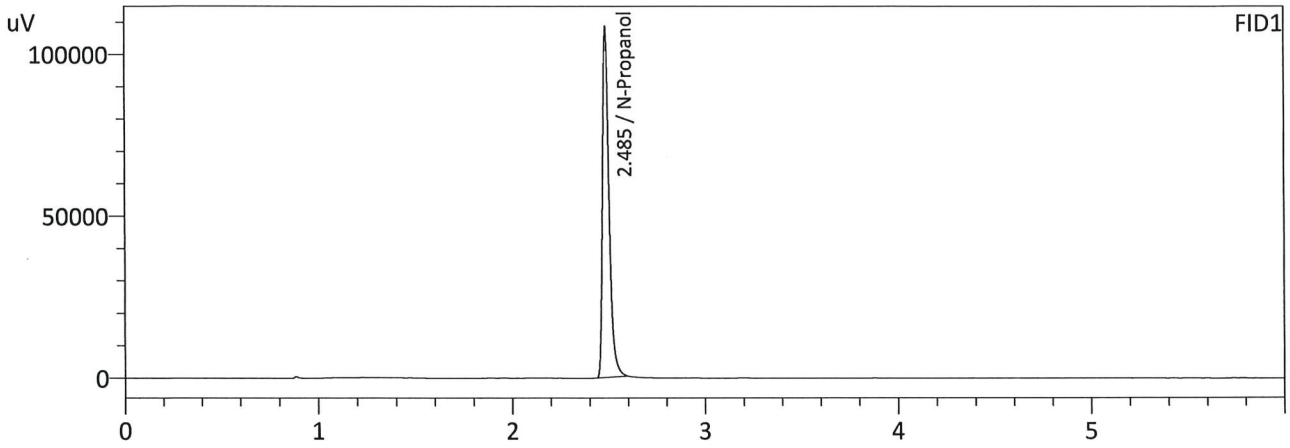
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	253714	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

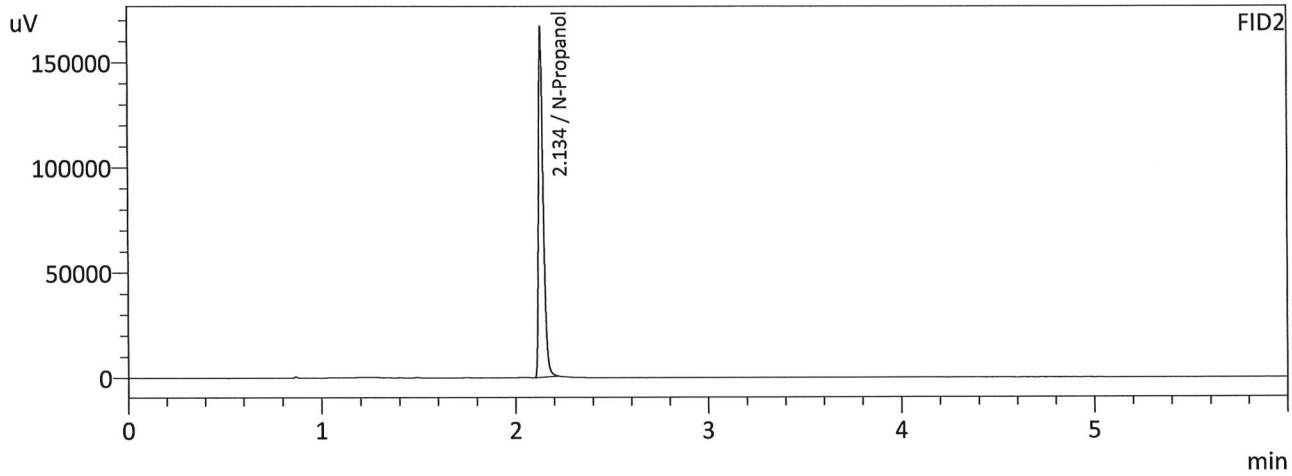
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274505	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 4:24:49 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

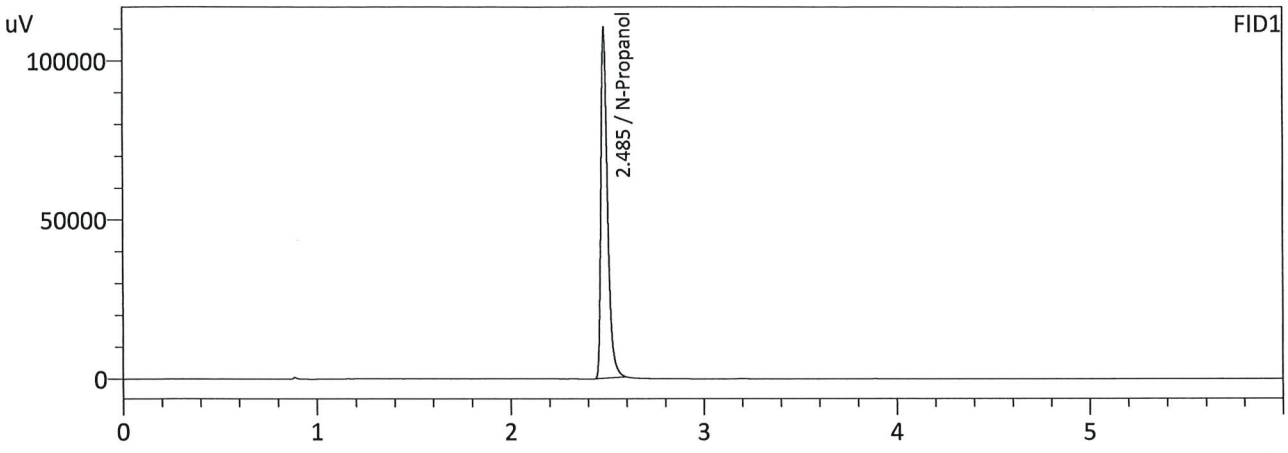
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	259965	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

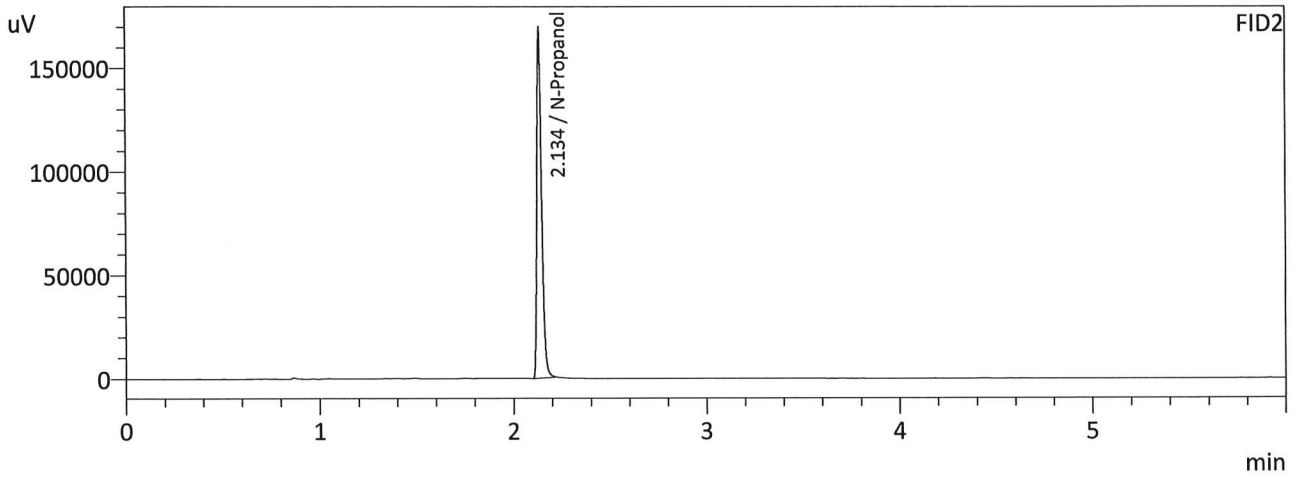
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	282910	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 4:44:14 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

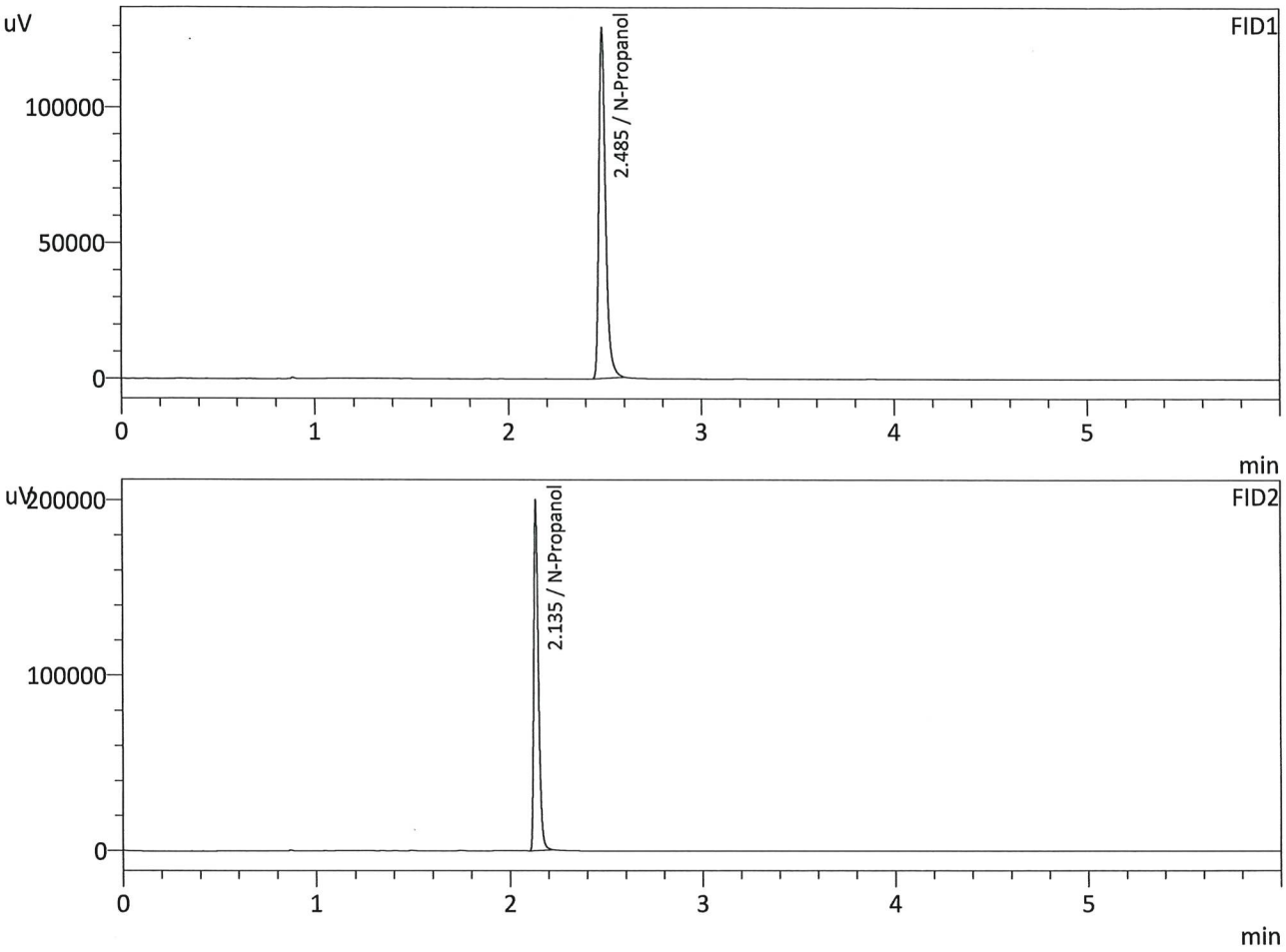
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263775	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287294	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 2/2/2023 11:01:33 PM
Vial # : 48
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	309148	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	335917	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc