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9/26/2023

Worklist: 6507

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2023-2032	1	BCK	Alcohol Analysis
C2023-2056	1	BCK	Alcohol Analysis
C2023-2090	1	BCK	Alcohol Analysis
C2023-2091	1	BCK	Alcohol Analysis
C2023-2111	1	BCK	Alcohol Analysis
C2023-2113	1	BCK	Alcohol Analysis
C2023-2116	1	BCK	Alcohol Analysis
C2023-2137	1	BCK	Alcohol Analysis
C2023-2144	1	BCK	Alcohol Analysis
C2023-2170	1	BCK	Alcohol Analysis
C2023-2178	1	BCK	Alcohol Analysis
C2023-2197	1	BCK	Alcohol Analysis
C2023-2198	1	BCK	Alcohol Analysis
C2023-2200	1	BCK	Alcohol Analysis
C2023-2202	1	BCK	Alcohol Analysis
C2023-2203	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 DB Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL Long.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL Long.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL Long.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL Long.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL Long.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL Long.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL Long.gcm
2	0.050	1:Standard:(R)	1	ALCOHOL Long.gcm
3	0.100	1:Standard:(R)	2	ALCOHOL Long.gcm
4	0.200	1:Standard:(R)	3	ALCOHOL Long.gcm
5	0.400	1:Standard:(R)	4	ALCOHOL Long.gcm
6	0.500	1:Standard:(R)	5	ALCOHOL Long.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL Long.gcm
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL Long.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL Long.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL Long.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL Long.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL Long.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL Long.gcm
14	C2023-2032-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2023-2032-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2023-2056-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2023-2056-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2023-2090-1	0:Unknown	0	ALCOHOL Long.gcm
19	C2023-2090-1-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2023-2091-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2023-2091-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2023-2111-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2023-2111-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2023-2113-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2023-2113-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2023-2116-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2023-2116-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2023-2137-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2023-2137-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2023-2144-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2023-2144-1-B	0:Unknown	0	ALCOHOL Long.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL Long.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL Long.gcm
34	C2023-2170-1	0:Unknown	0	ALCOHOL Long.gcm
35	C2023-2170-1-B	0:Unknown	0	ALCOHOL Long.gcm
36	C2023-2178-1	0:Unknown	0	ALCOHOL Long.gcm
37	C2023-2178-1-B	0:Unknown	0	ALCOHOL Long.gcm
38	C2023-2197-1	0:Unknown	0	ALCOHOL Long.gcm
39	C2023-2197-1-B	0:Unknown	0	ALCOHOL Long.gcm
40	C2023-2198-1	0:Unknown	0	ALCOHOL Long.gcm
41	C2023-2198-1-B	0:Unknown	0	ALCOHOL Long.gcm
42	C2023-2200-1	0:Unknown	0	ALCOHOL Long.gcm
43	C2023-2200-1-B	0:Unknown	0	ALCOHOL Long.gcm
44	C2023-2202-1	0:Unknown	0	ALCOHOL Long.gcm
45	C2023-2202-1-B	0:Unknown	0	ALCOHOL Long.gcm
46	C2023-2203-1	0:Unknown	0	ALCOHOL Long.gcm
47	C2023-2203-1-B	0:Unknown	0	ALCOHOL Long.gcm
48	QC-2-2	0:Unknown	0	ALCOHOL Long.gcm
49	QC-2-2-B	0:Unknown	0	ALCOHOL Long.gcm
50	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.gcm
51	C2023-2202-blue	0:Unknown	0	ALCOHOL Long.gcm

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):** **9/27/2023**

Calibration Date: *(if different)*

Worklist #: **6507**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0776 g/100cc
					g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827 – 0.2233	0.1925 g/100cc
					0.1917 g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	January 31, 2026	**Lot #**	FN01212104		OK
Curve Fit:			**Column 1**	0.99941	**Column2**	0.99938

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0482	0.0479	0.0003	0.048
100	0.100	0.090 - 0.110	0.0966	0.0965	0.0001	0.0965
200	0.200	0.180 - 0.220	0.1967	0.1956	0.0011	0.1961
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.4067	0.4067	0	0.4067
500	0.500	0.450 - 0.550	0.5081	0.5082	1E-04	0.5081

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 3:43 pm, Sep 29, 2023

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

Internal Standard Monitoring Worksheet

Worklist #:	6507	Run Date(s):	9/27/2023

Internal Standard Solution: Lot# A014463901	Prep Date: 8/8/2023	Exp Date: 2/8/2024

Sample Name	Column 1 Value	Column 2 Value
0.080	350696	361771
0.080	355812	367083
QC1	345690	356765
QC1	350032	361540
QC1		
QC1		
QC1		
QC1		
QC2	343975	355361
QC2	339314	350340
QC2	367972	381318
QC2	363467	376193
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	352119.8	281695.8	422543.7
Column 2	363796.4	291037.1	436555.7

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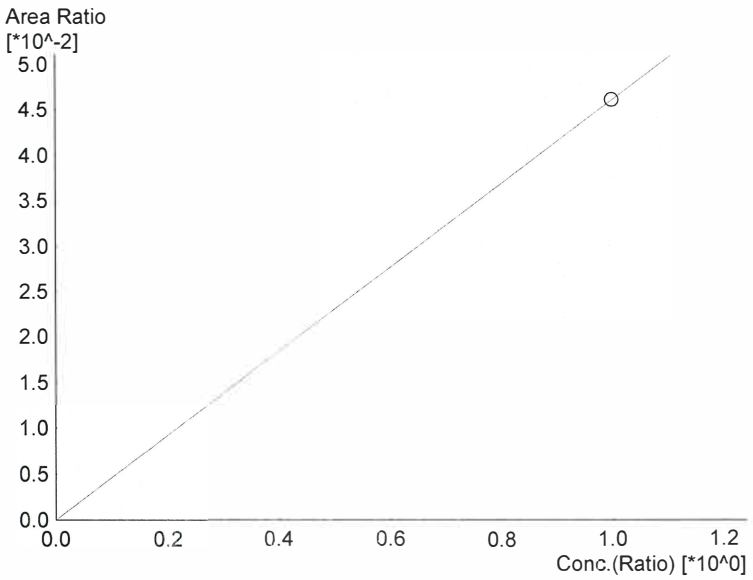
Calibration Table

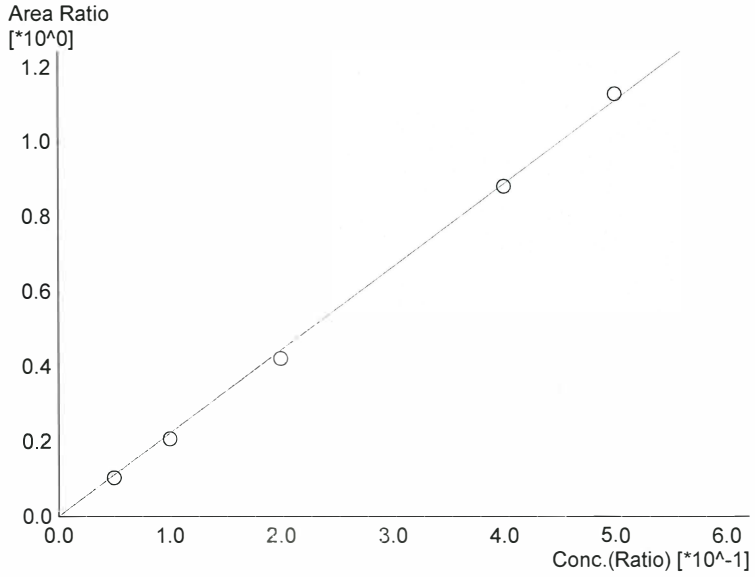
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL Long.gcm
Batch File :Default Project - 9-27-23.gcb
Date Acquired :9/28/2023 9:38:06 AM
Date Created :9/28/2023 9:35:27 AM
Date Modified :9/28/2023 9:44:08 AM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0461330*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	12341	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.21816*x+0
R^2 value= 0.9994130
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	31353	0.0482
2	0.100	61733	0.0966
3	0.200	121440	0.1967
4	0.400	261739	0.4067
5	0.500	341970	0.5081

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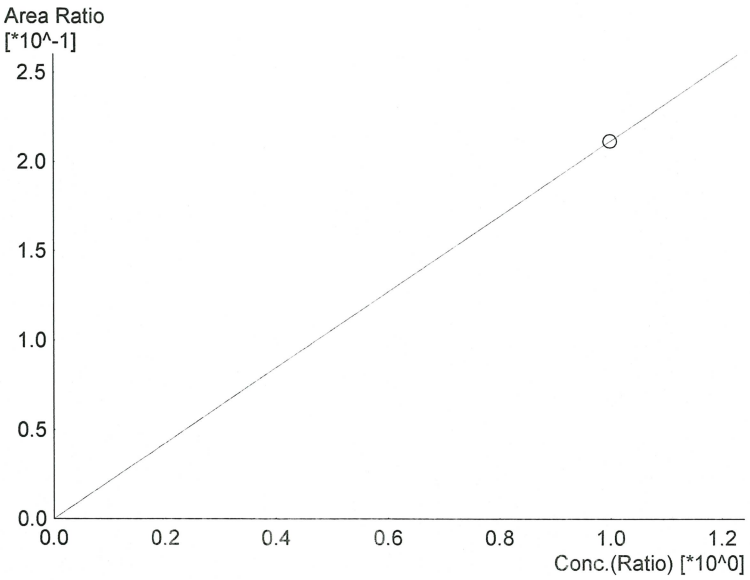
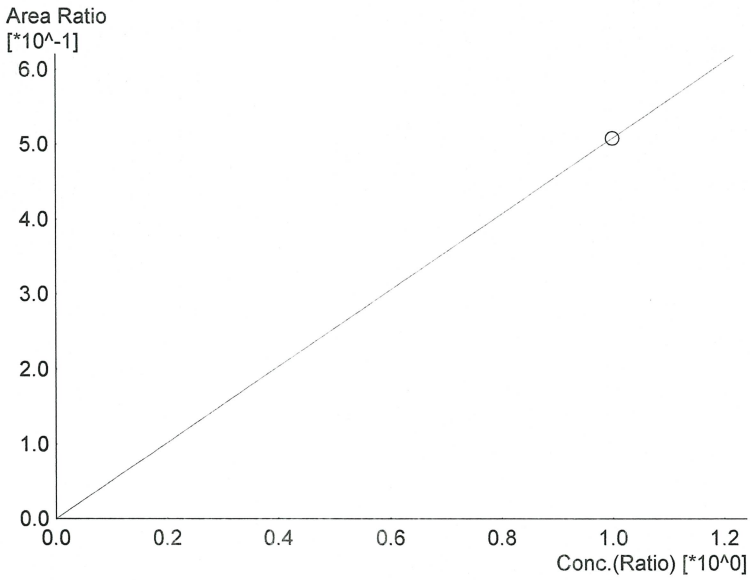


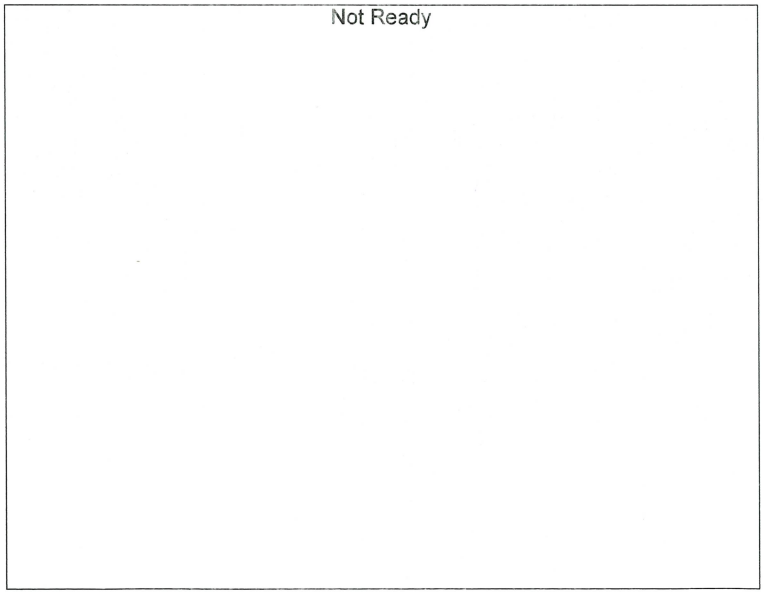
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.211398*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	56551	1.0000



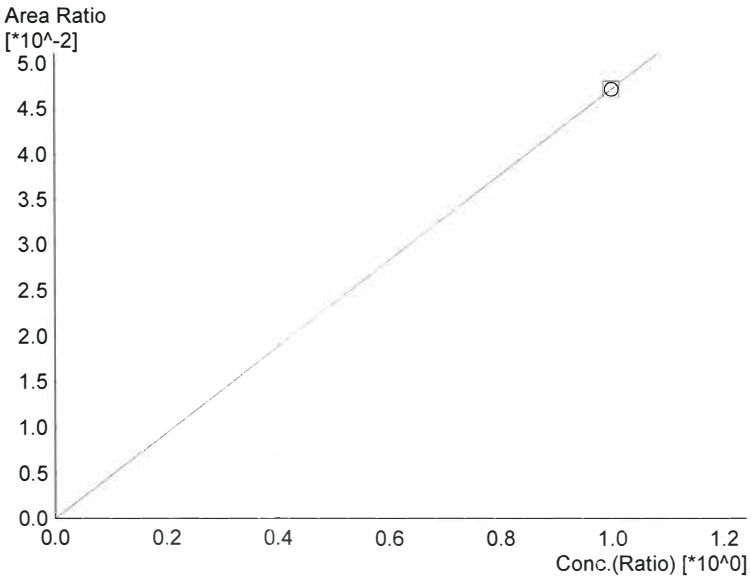
Name : Acetone
Detector Name: FID1
Function : f(x)=0.508352*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	135988	1.0000



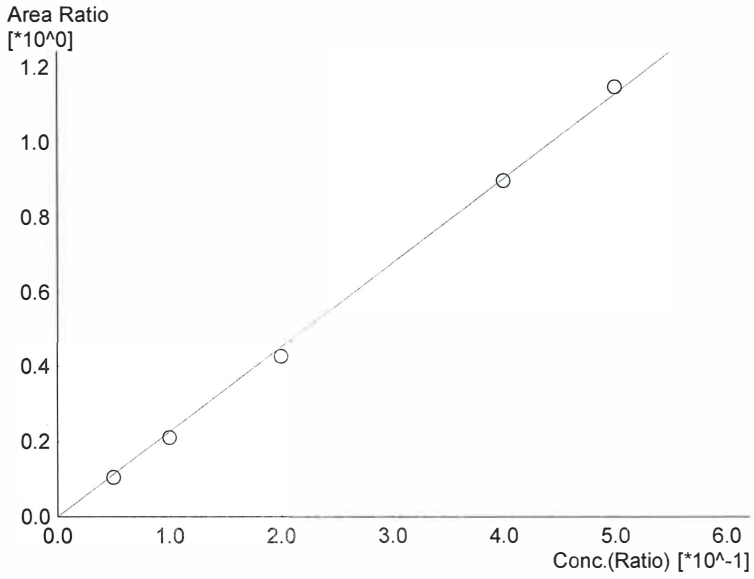
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.



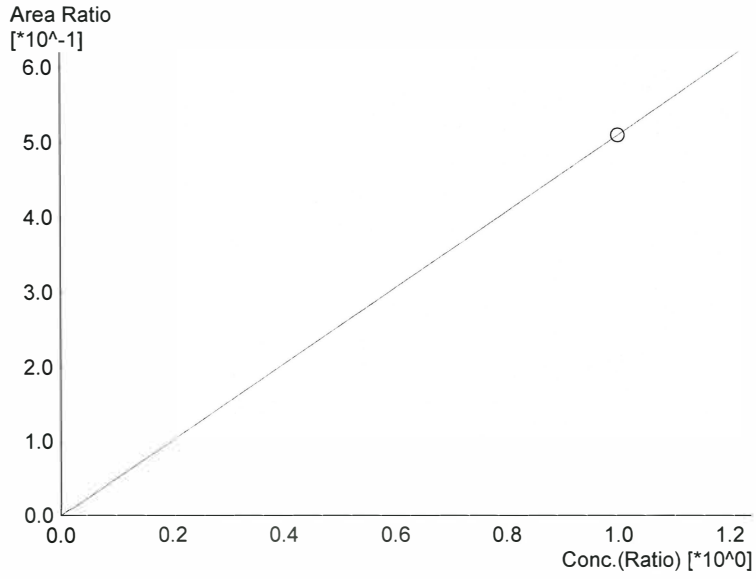
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0472101*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	12877	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.25760*x+0
R^2 value= 0.9993834
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	32475	0.0479
2	0.100	64430	0.0965
3	0.200	126722	0.1956
4	0.400	274673	0.4067
5	0.500	359304	0.5082



Name : Acetone
Detector Name: FID2
Function : f(x)=0.508875*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	138798	1.0000

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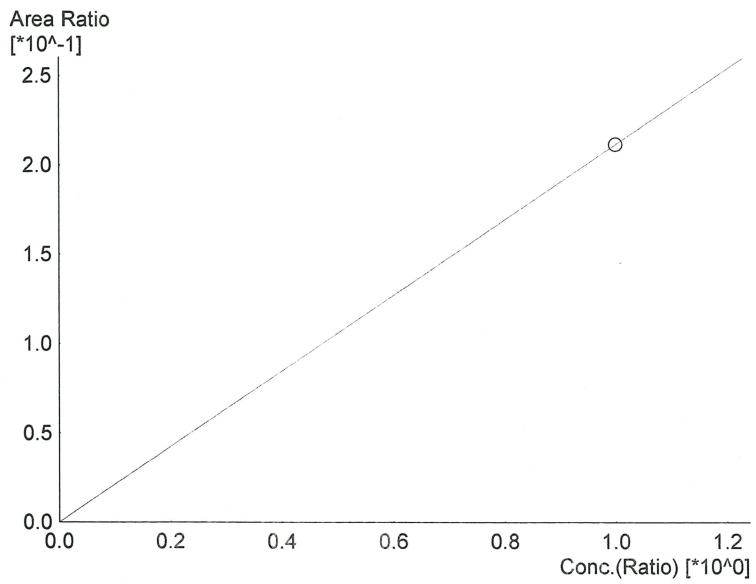
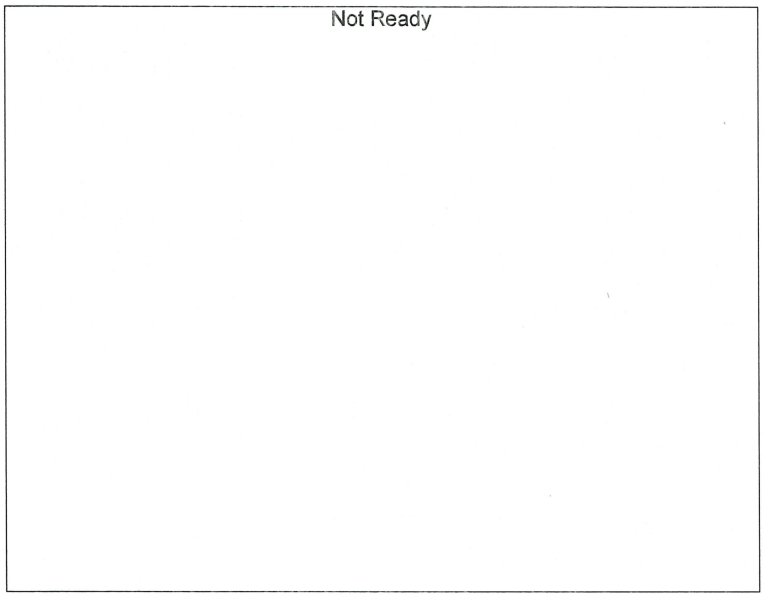


Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.211827*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	57777	1.0000



Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.

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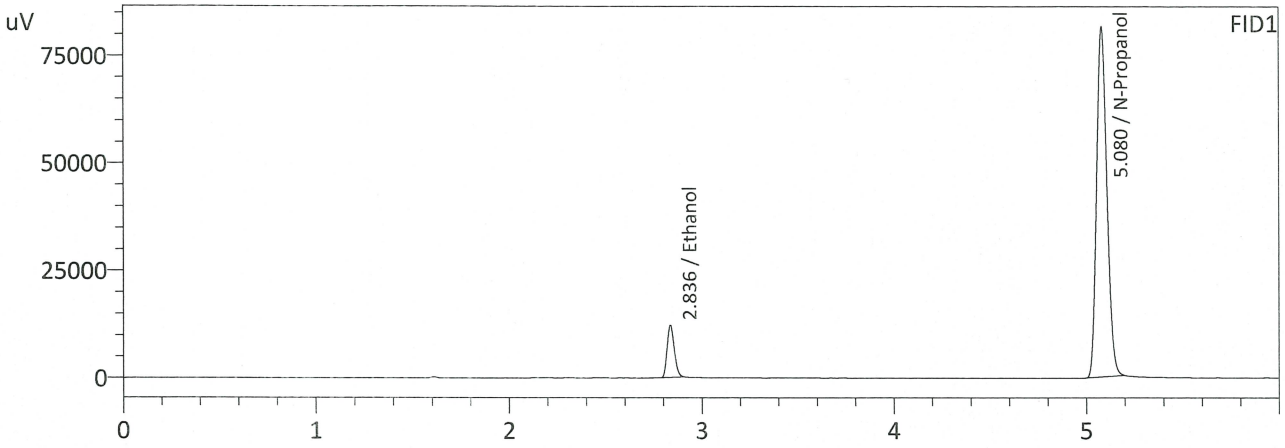
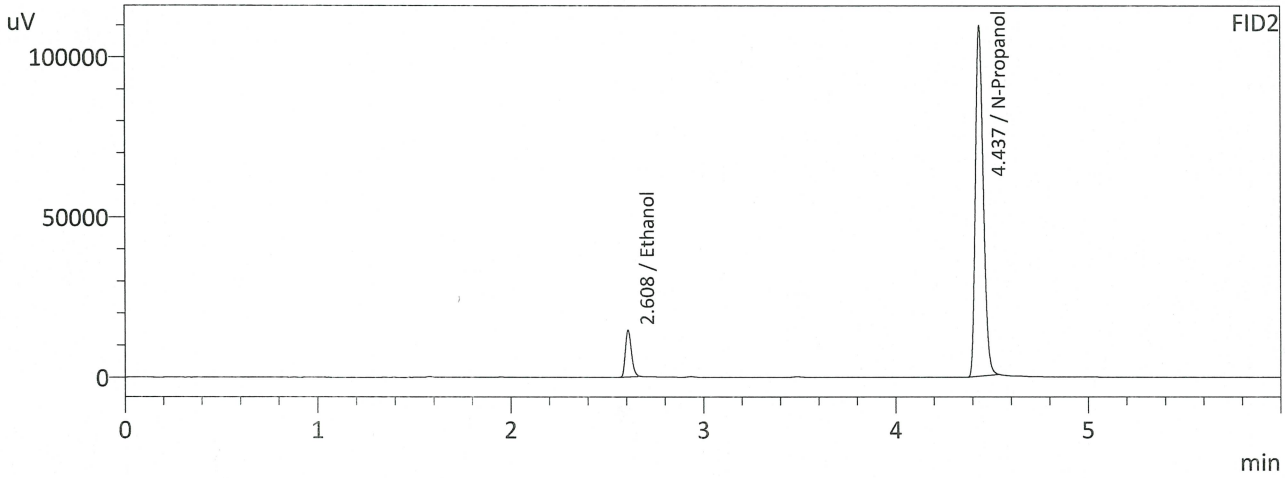
Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 8:59:44 AM
Vial # : 2
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0482	31353	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	304595	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0479	32475	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	311927	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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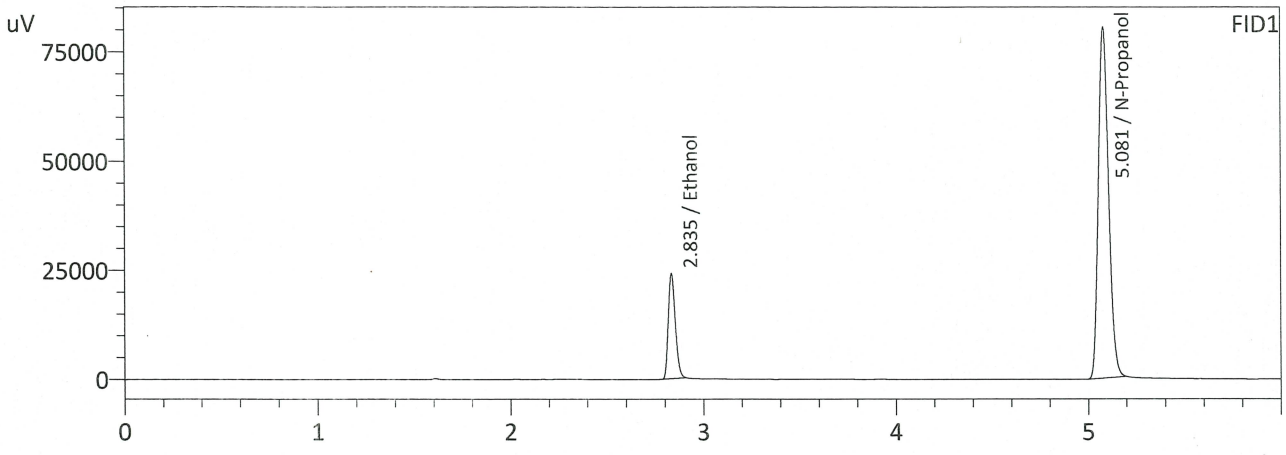
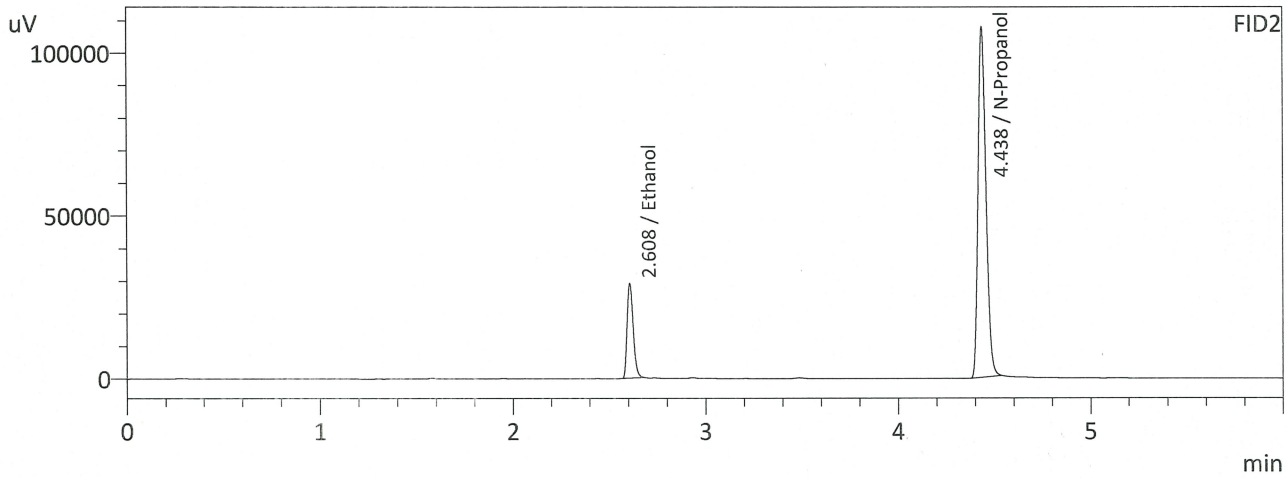
Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 9:09:59 AM
Vial # : 3
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0966	61733	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	299164	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0965	64430	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	306736	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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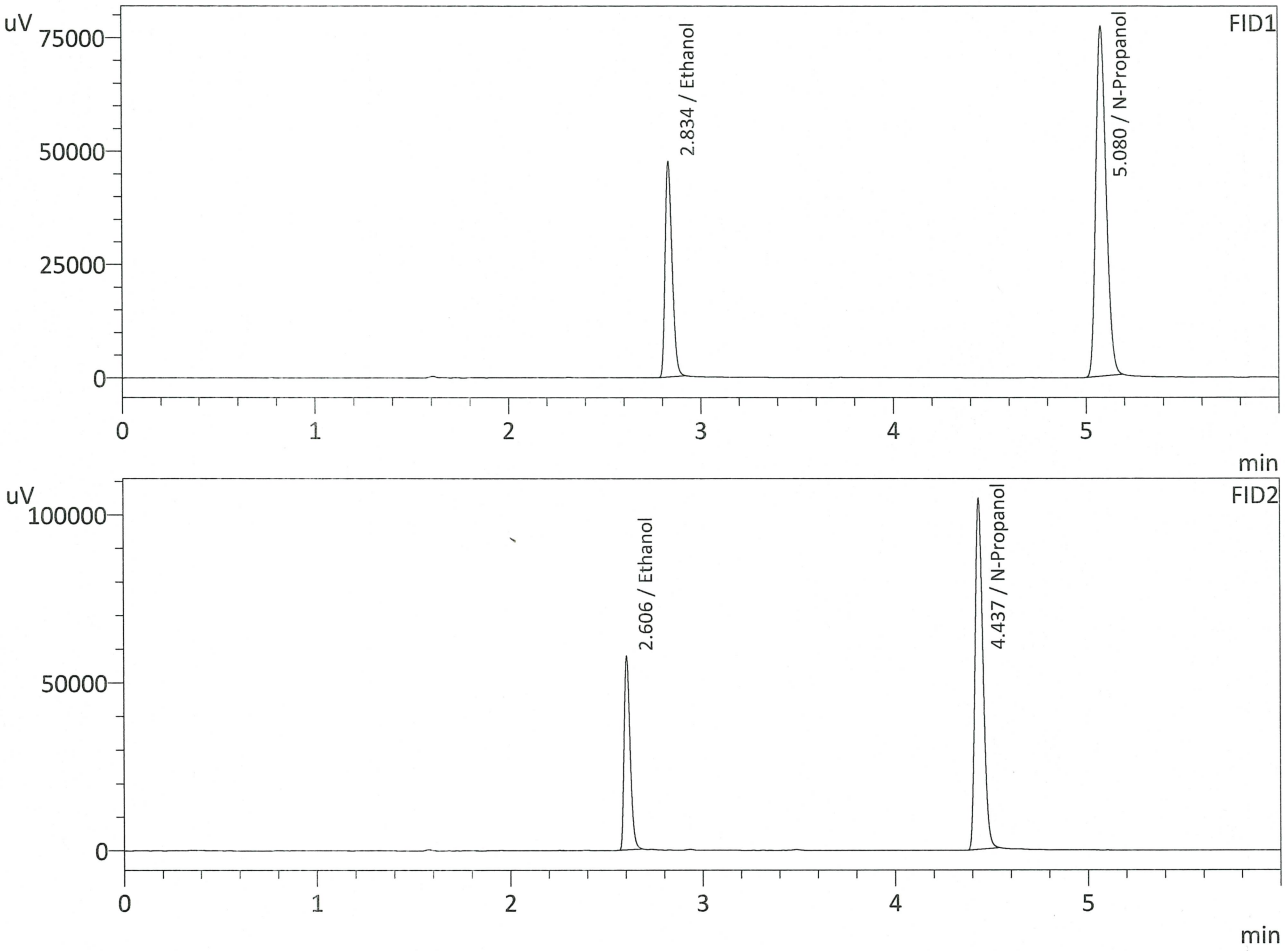
Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 9:18:55 AM
Vial # : 4
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	121440	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	288472	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1956	126722	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	297088	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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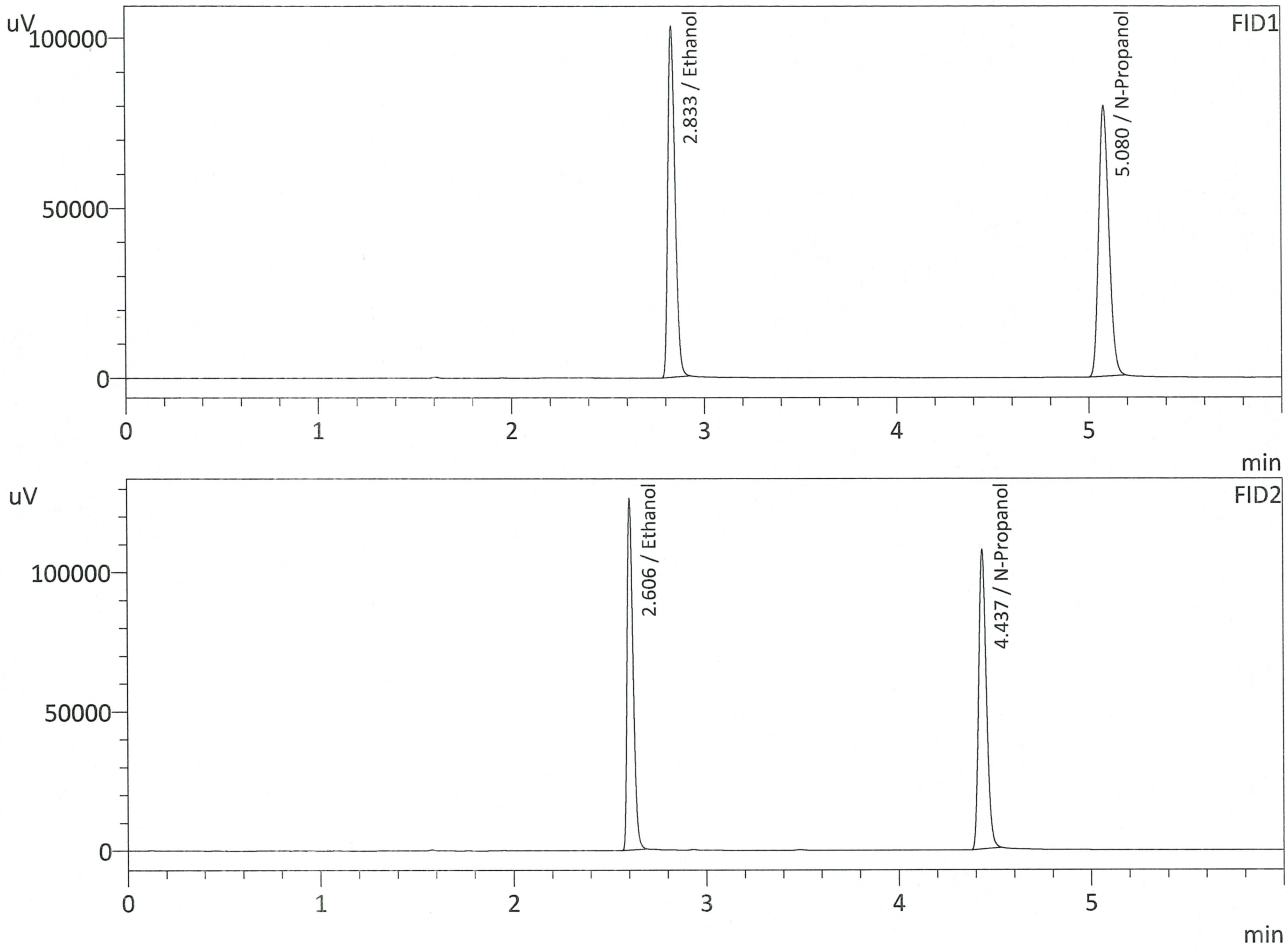
Sample Name : 0.400
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 9:29:24 AM
Vial # : 5
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4067	261739	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	297171	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4067	274673	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	306078	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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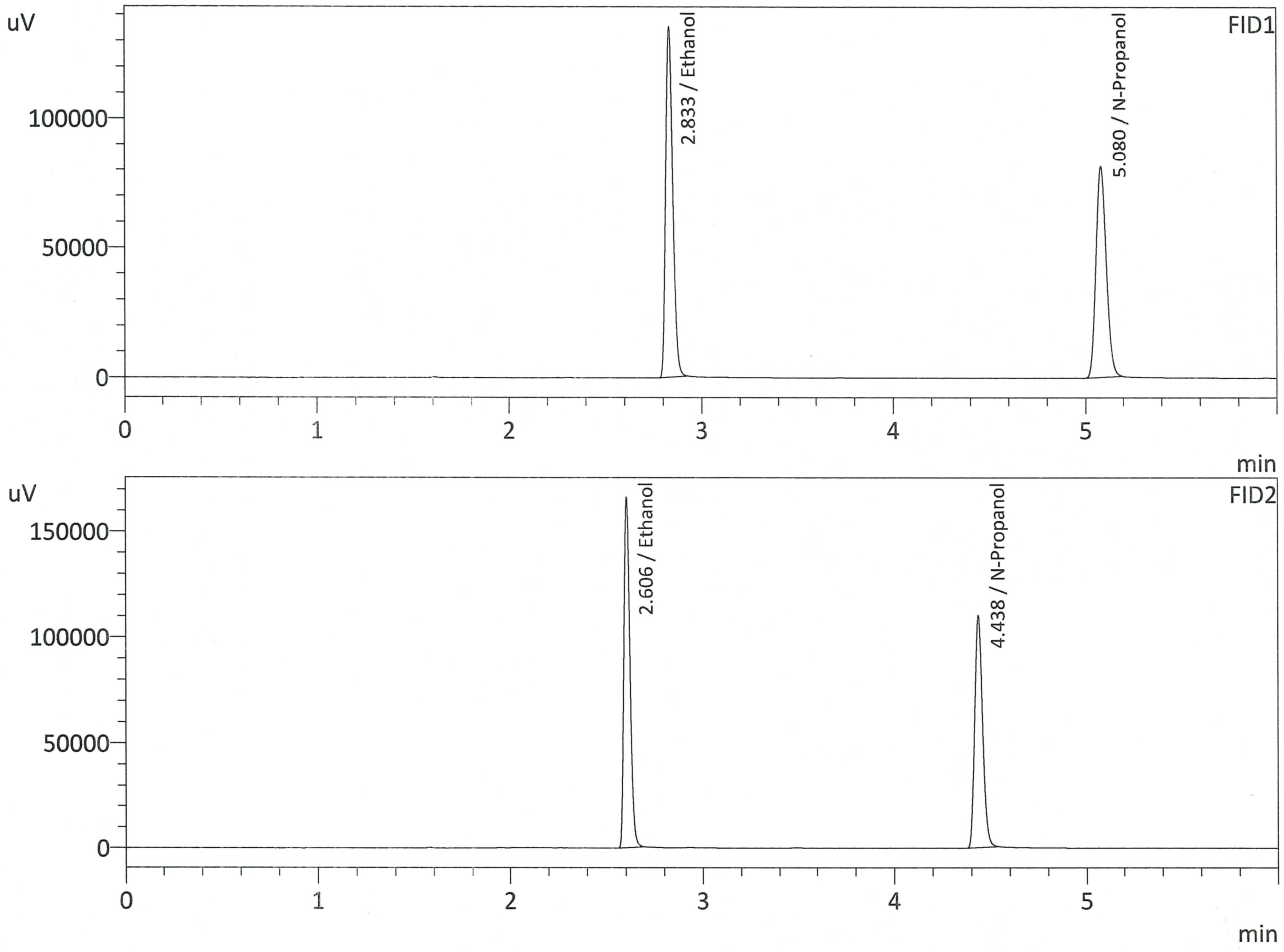
Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 9:38:06 AM
Vial # : 6
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5081	341970	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	303371	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5082	359304	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	313167	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s):** 9/28/2023 10:36:17 AM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0788	0.0808	0.0020	0.0798	0.0008	0.0794
(g/100cc)	0.0779	0.0801	0.0022	0.0790		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.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.

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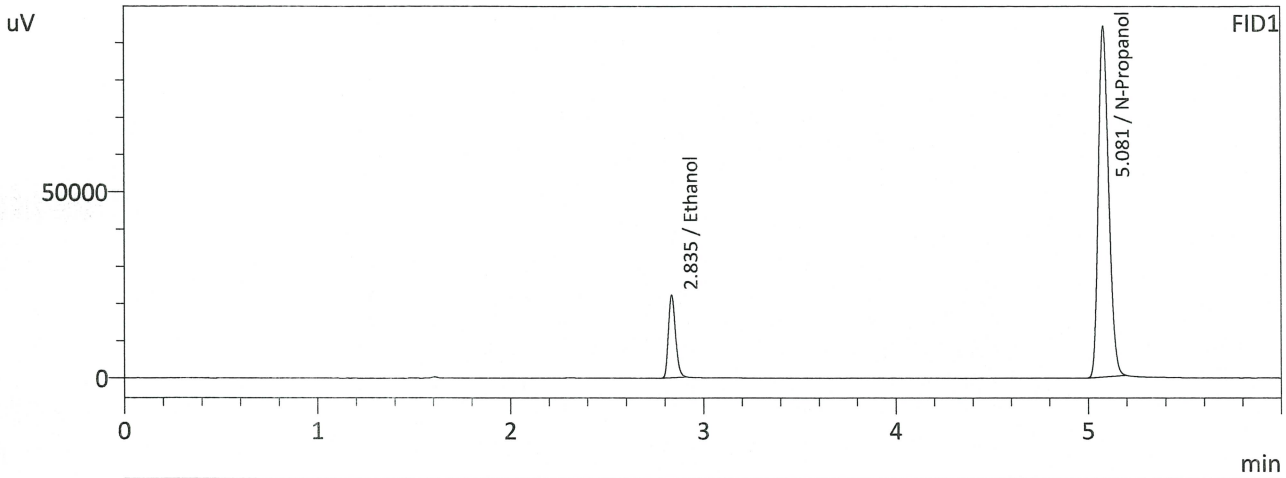
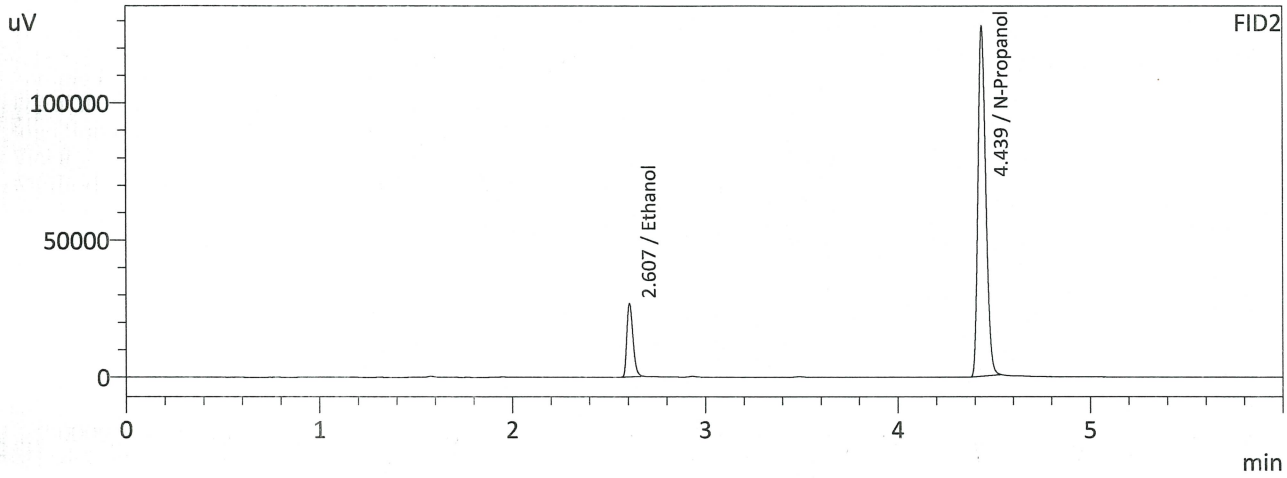
Sample Name : 0.08 QA
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 10:36:17 AM
Vial # : 12
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

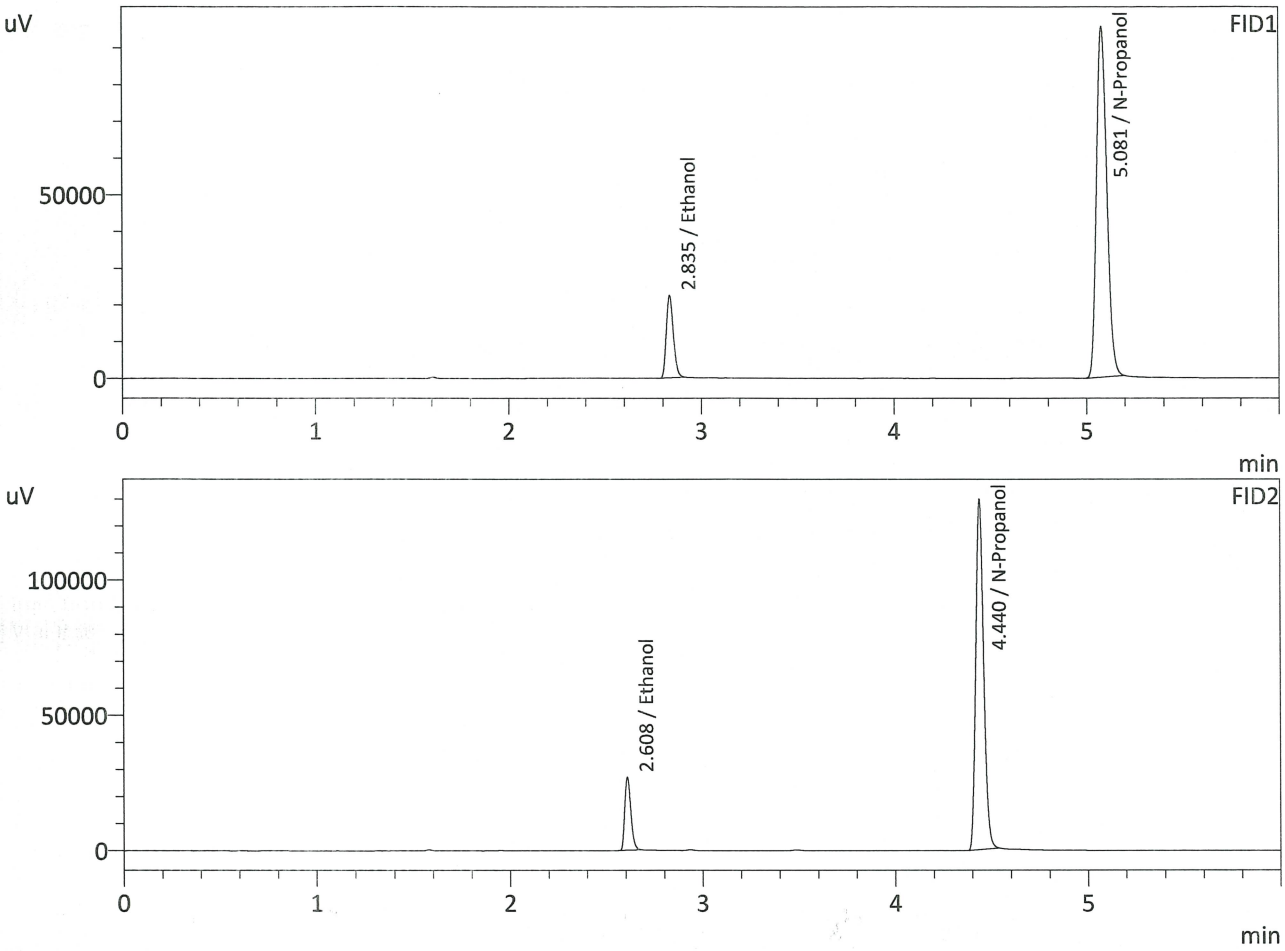
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0788	57048	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	350696	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0808	59617	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	361771	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 10:46:59 AM
Vial # : 13
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0779	57208	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	355812	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	59943	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	367083	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 9/28/2023 10:16:50 AM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0767	0.0786	0.0019	0.0776	0.0000	0.0776
(g/100cc)	0.0766	0.0786	0.0020	0.0776		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

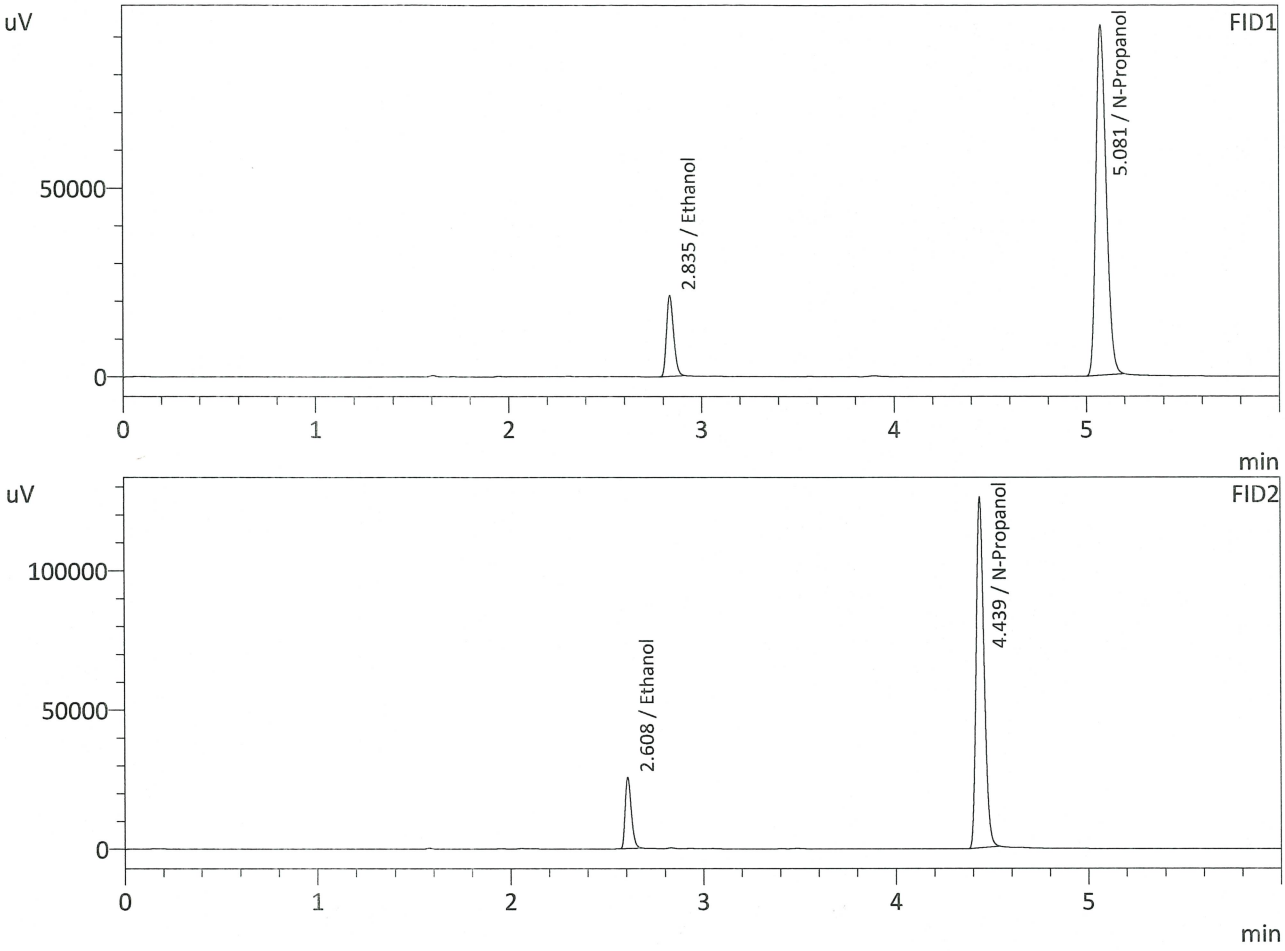
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.077	0.073	0.081	0.004

Reported Results
0.077

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 10:16:50 AM
Vial # : 10
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

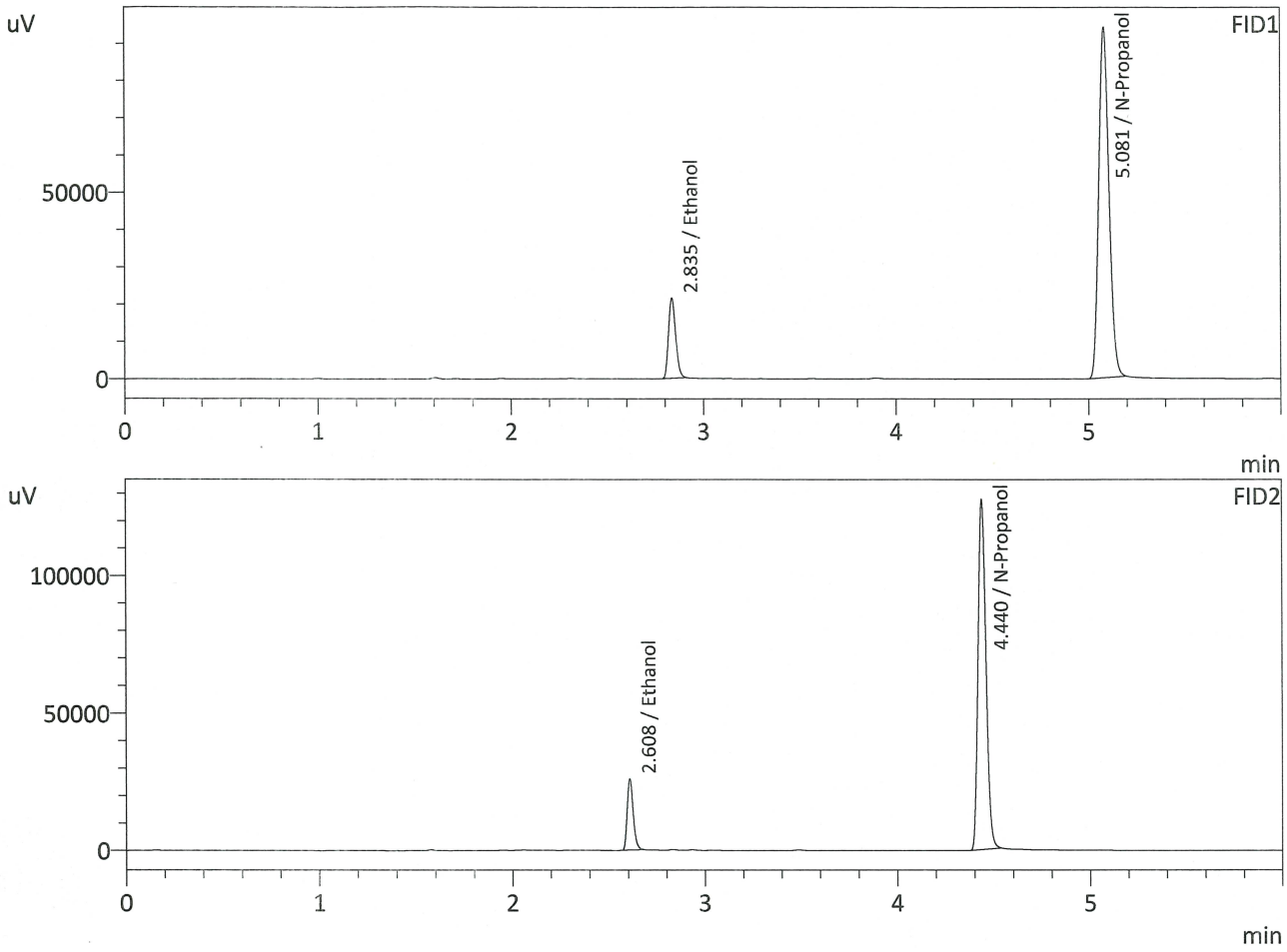
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0767	54700	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	345690	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0786	57045	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	356765	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 10:27:36 AM
Vial # : 11
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0766	55328	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	350032	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0786	57778	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	361540	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s):** 9/28/2023 1:50:18 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1952	0.1893	0.0059	0.1922	0.0006	0.1925
(g/100cc)	0.1957	0.1899	0.0058	0.1928		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

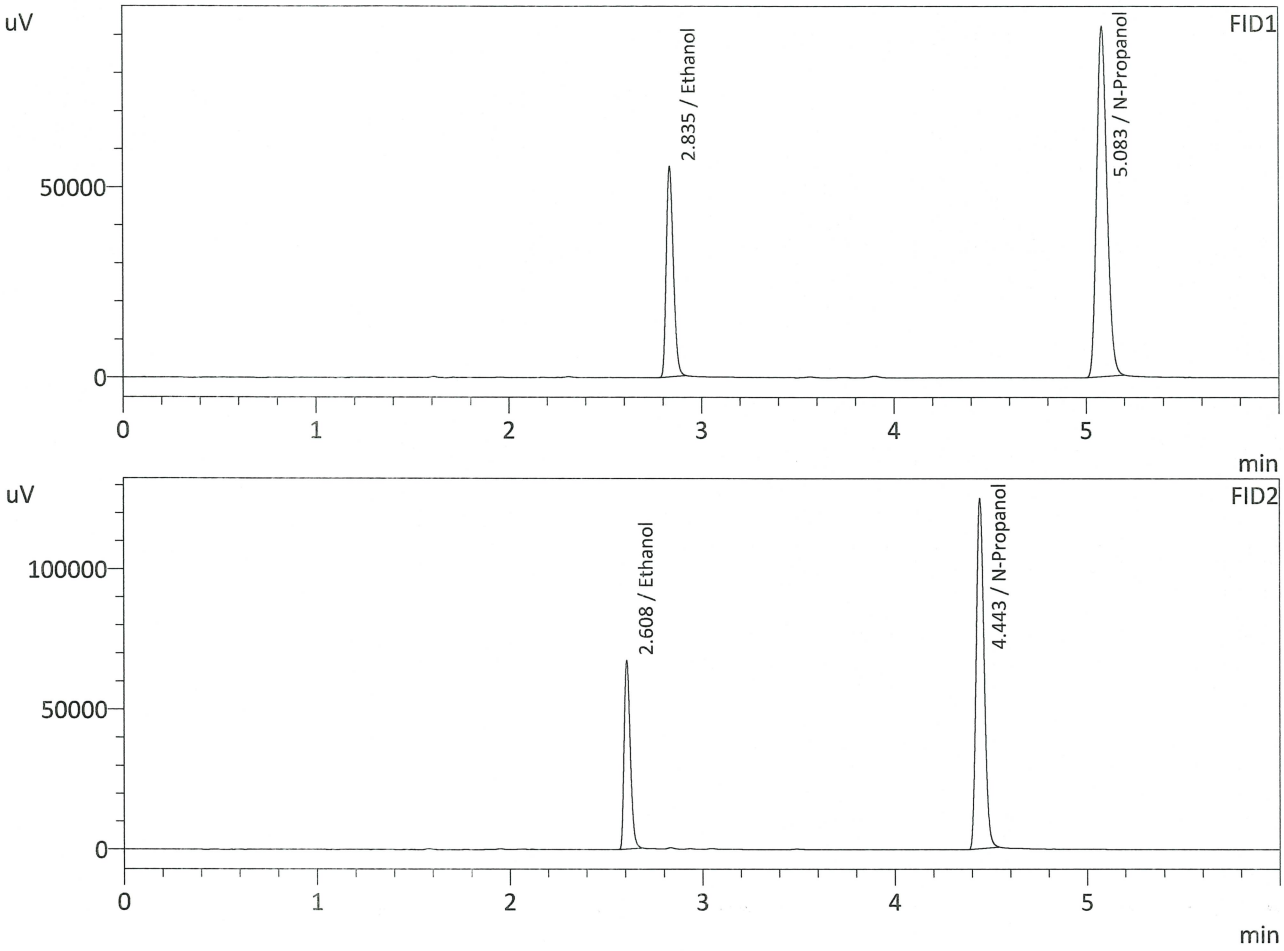
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.192	0.182	0.202	0.010

Reported Results
0.192

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 1:50:18 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

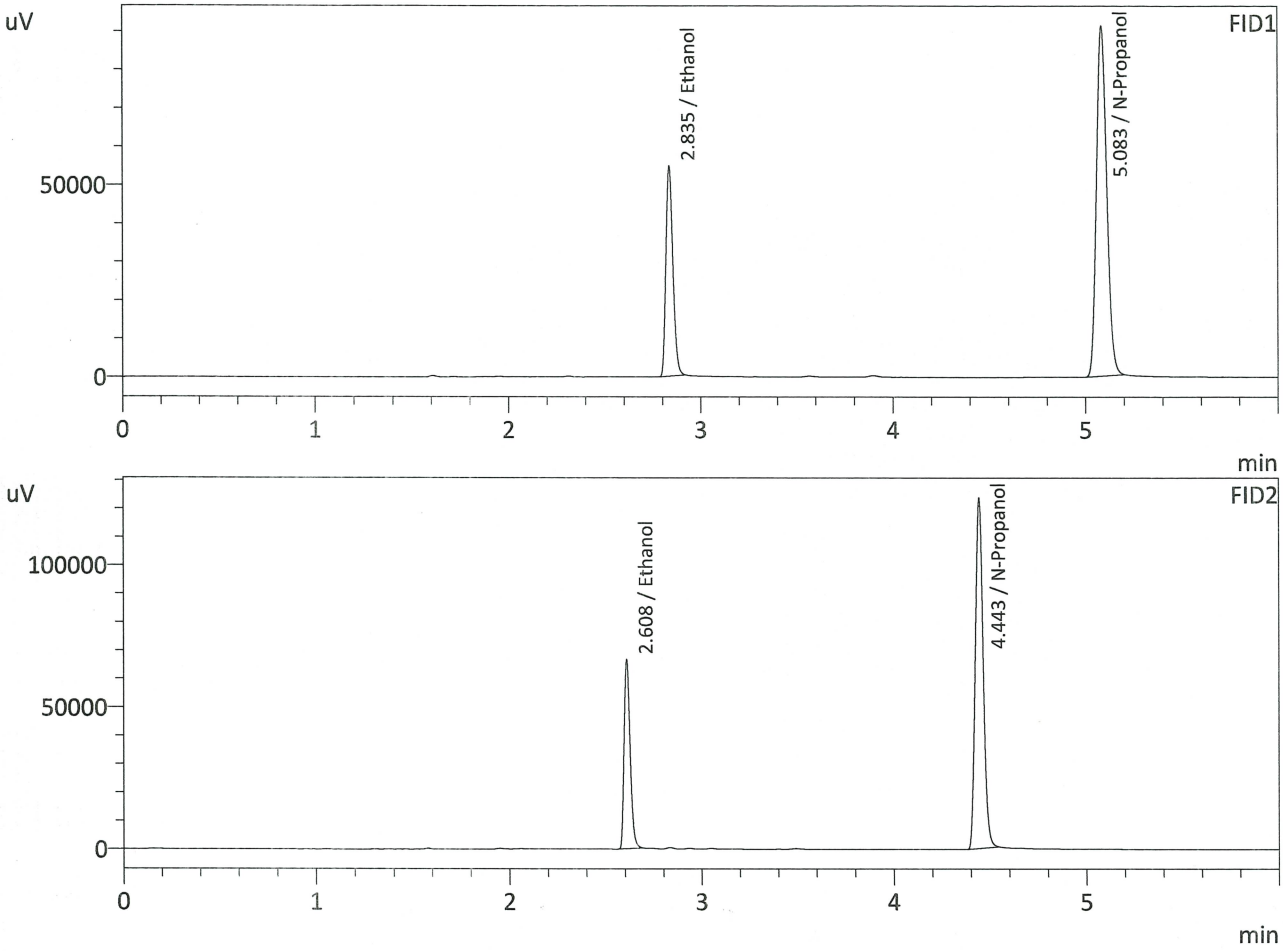
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1952	141270	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	343975	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1893	148007	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	355361	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 2:01:04 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1957	139761	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	339314	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1899	146412	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	350340	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2 **Analysis Date(s):** 9/28/2023 4:25:40 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1946	0.1883	0.0063	0.1914	0.0006	0.1917
(g/100cc)	0.1951	0.1889	0.0062	0.1920		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

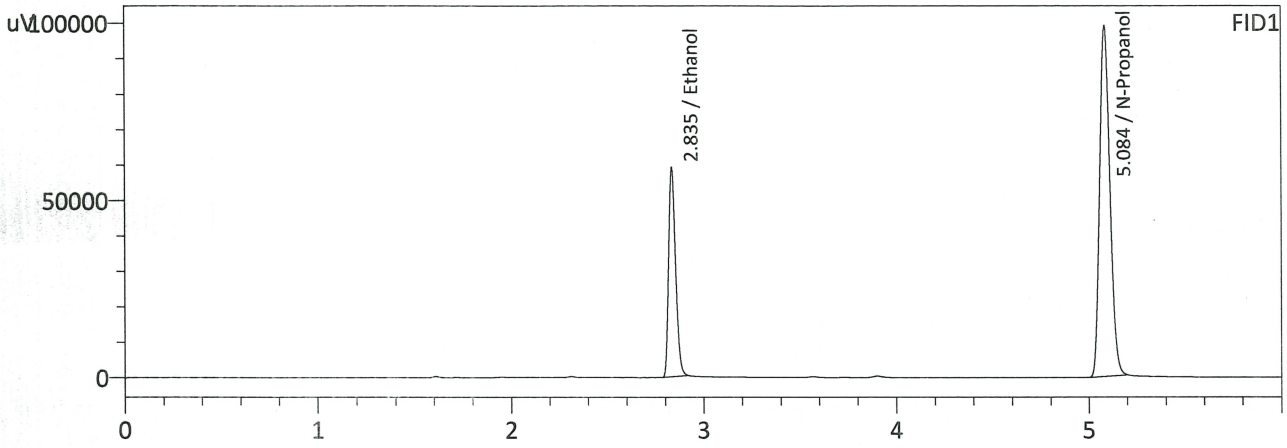
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.191	0.181	0.201	0.010

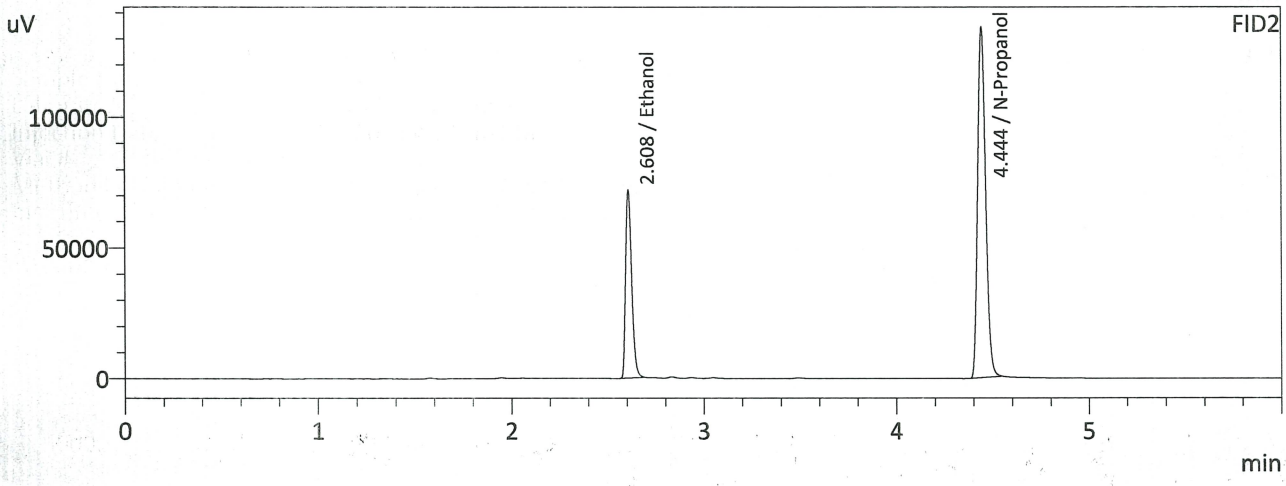
Reported Results
0.191

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 4:25:40 PM
Vial # : 48
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

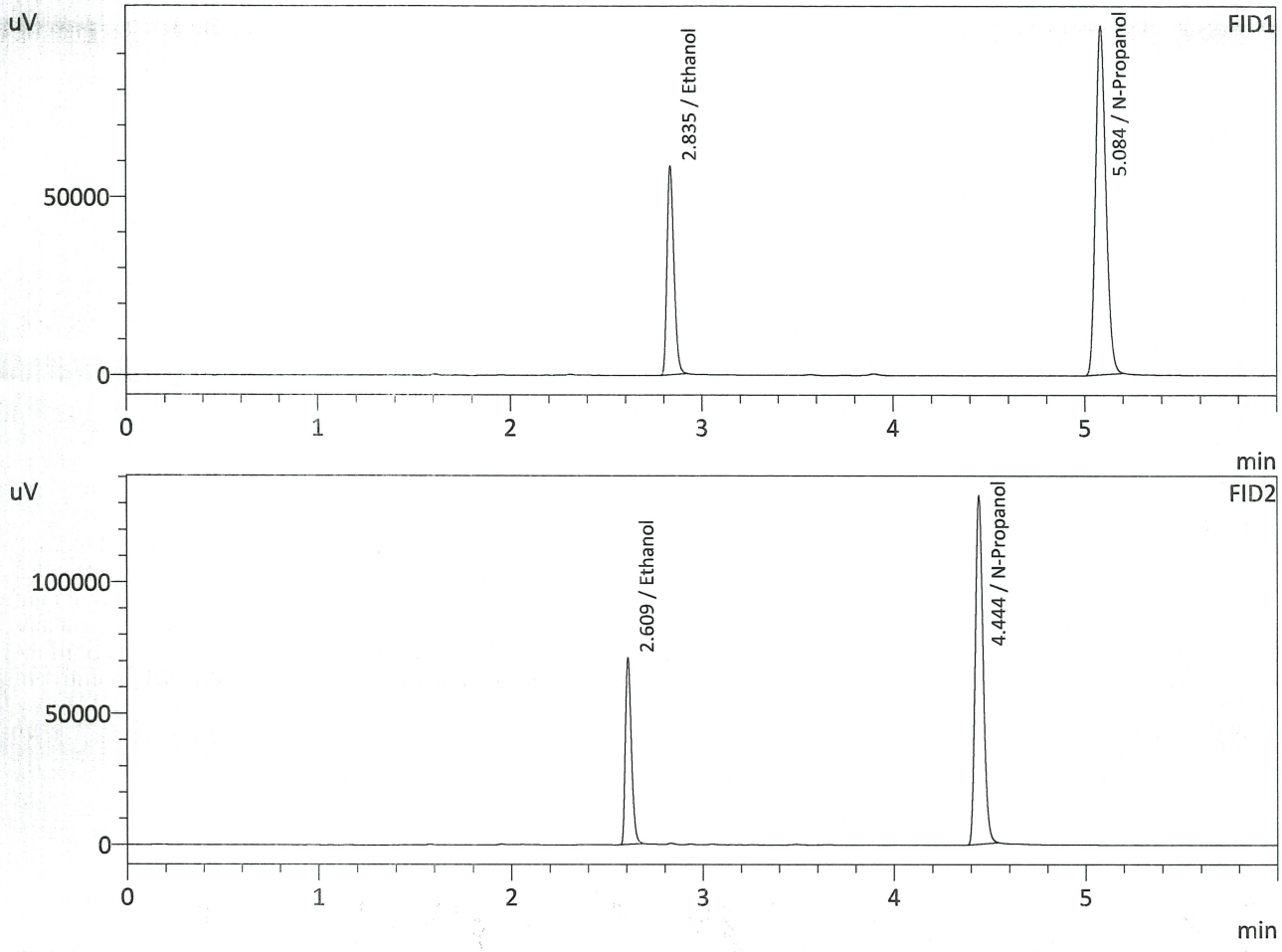
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1946	150706	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	367972	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1883	157928	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	381318	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 4:36:25 PM
Vial # : 49
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

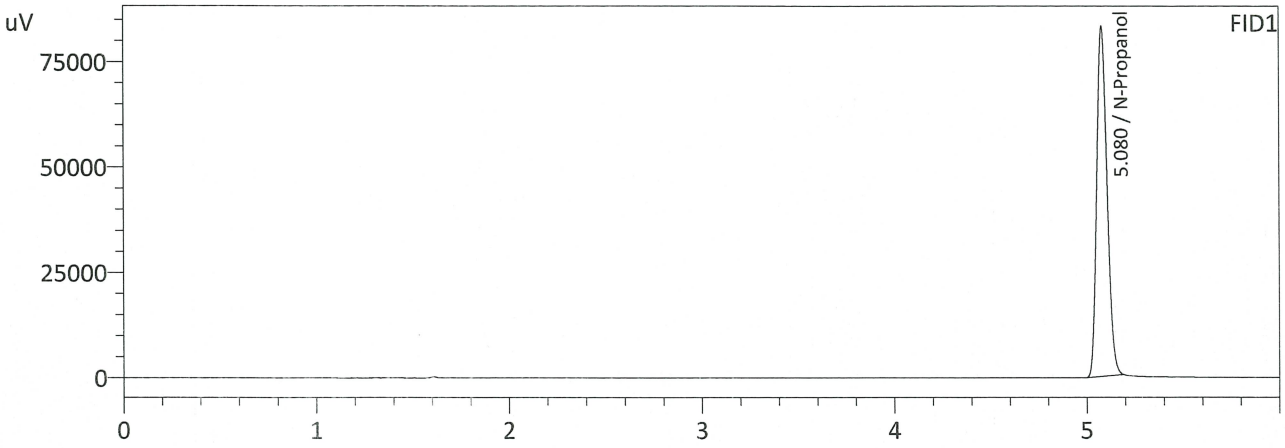
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1951	149209	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	363467	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

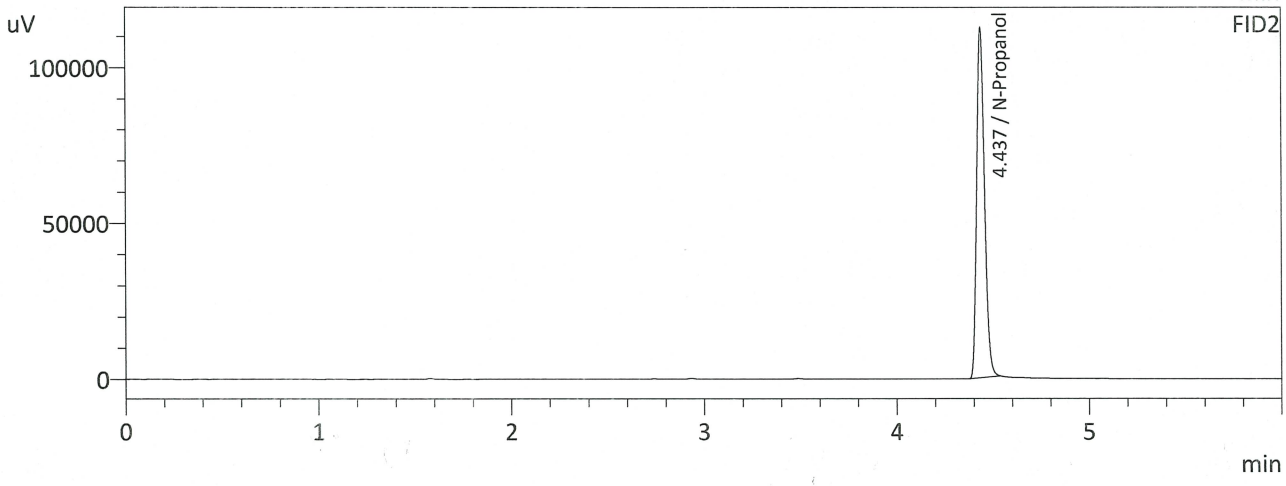
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1889	156286	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	376193	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 8:50:42 AM
Vial # : 1
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

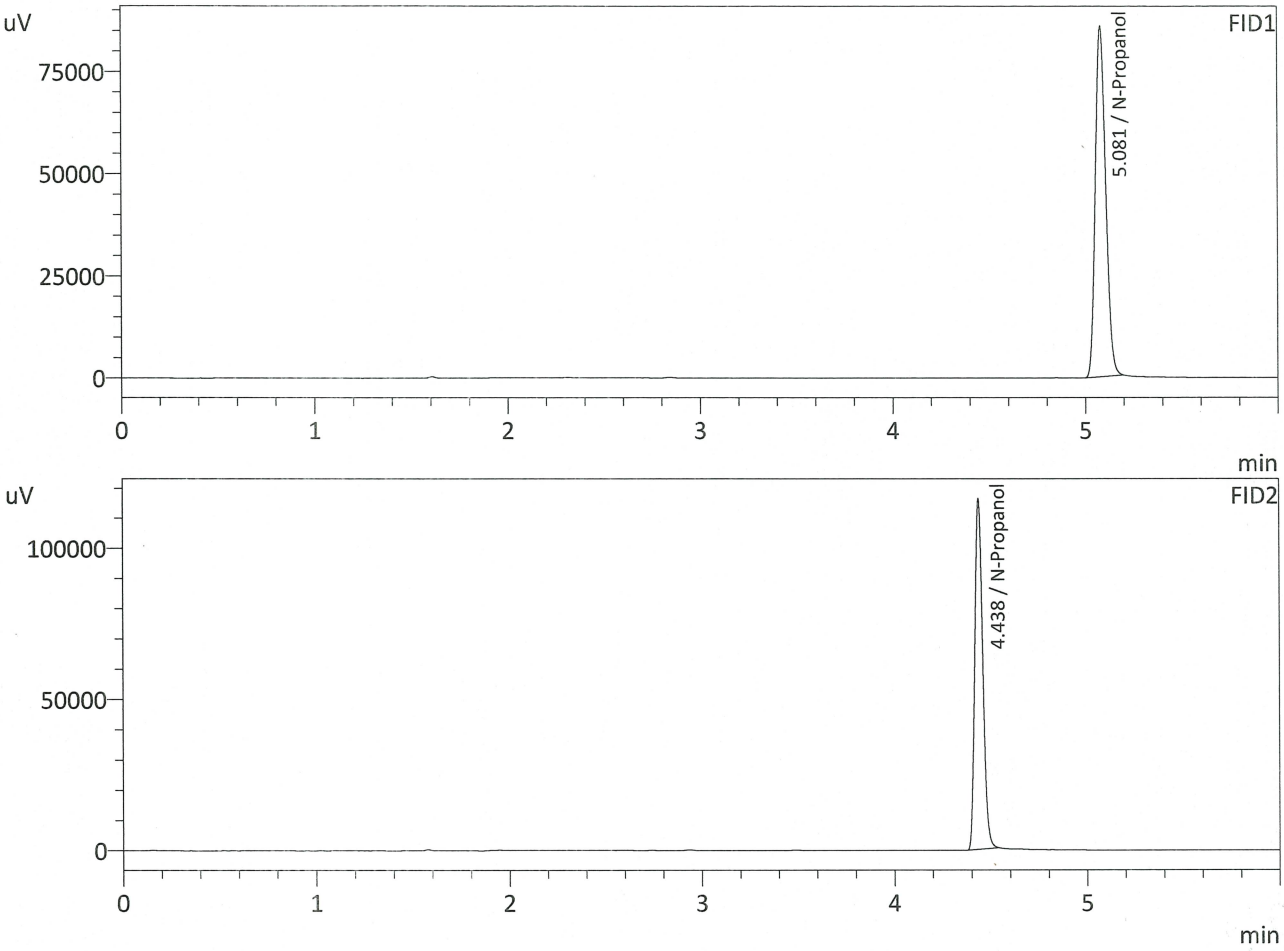
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	310471	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	319178	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 9:48:47 AM
Vial # : 7
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

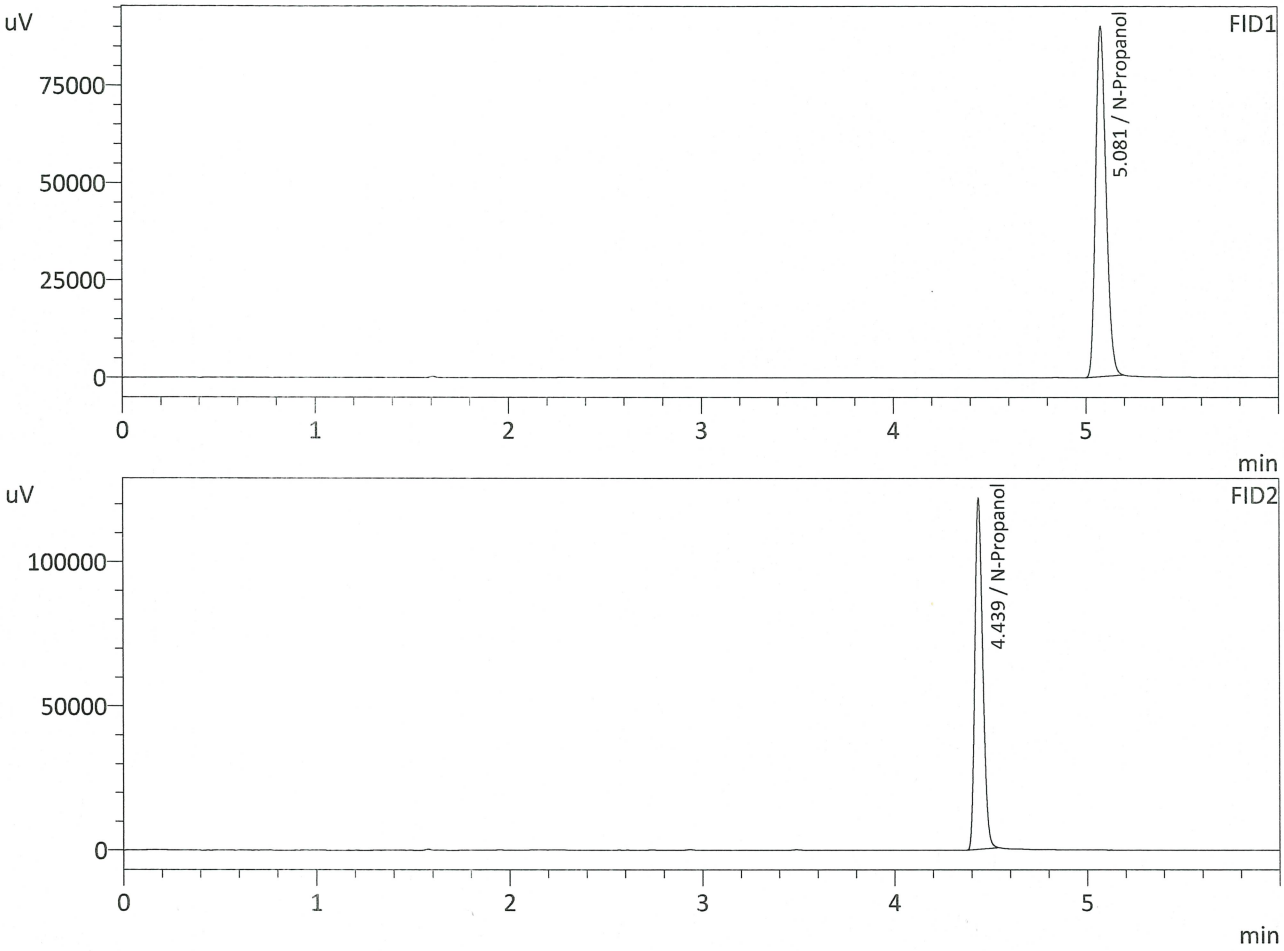
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	320123	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	329477	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 10:08:11 AM
Vial # : 9
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

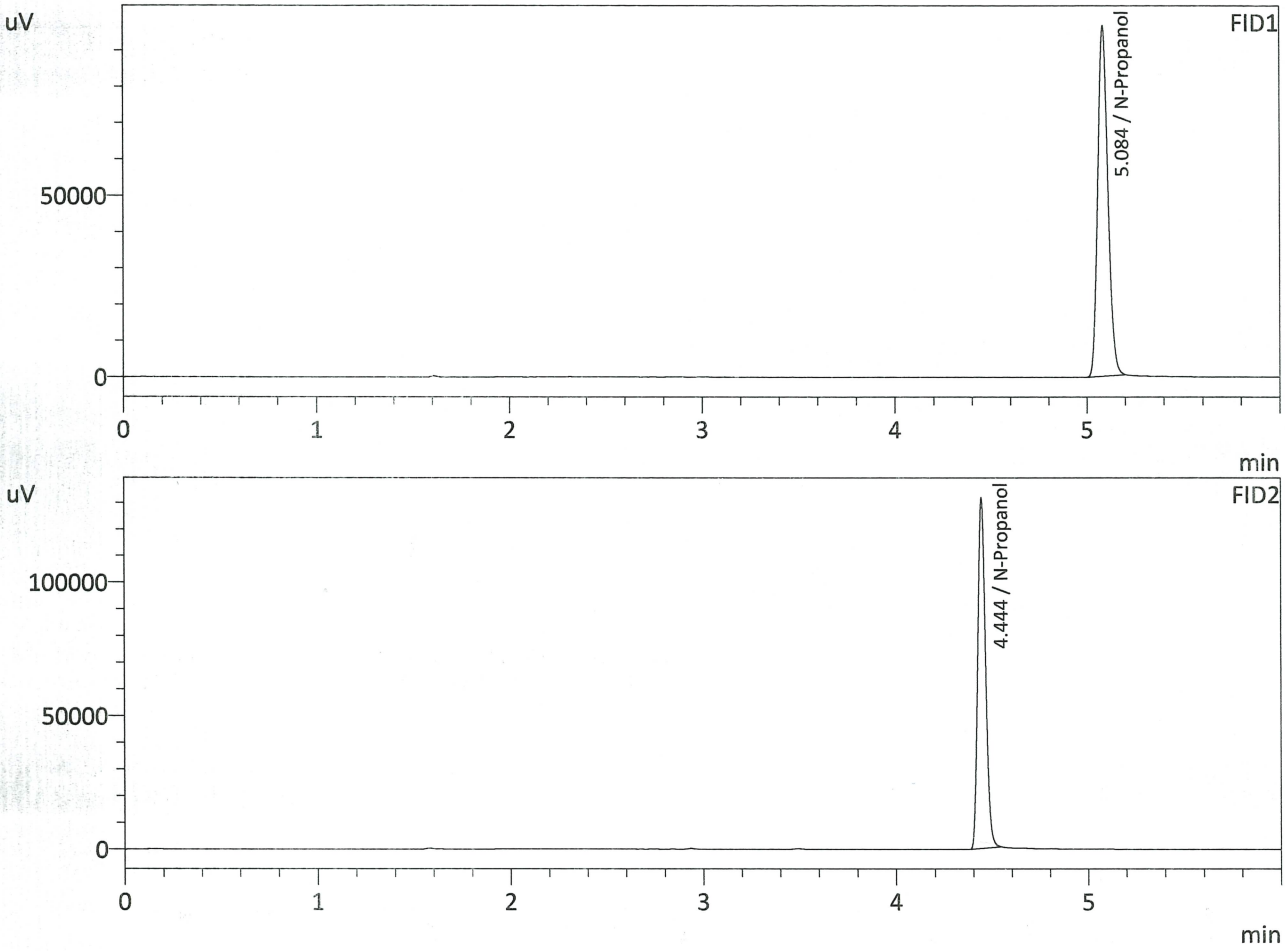
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	334857	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	345074	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 4:45:05 PM
Vial # : 50
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

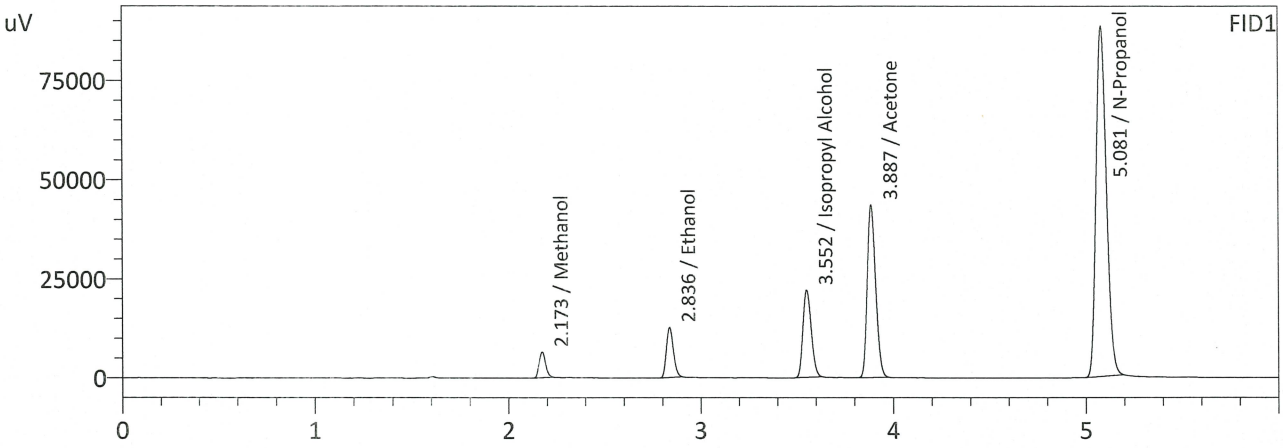
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	358640	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

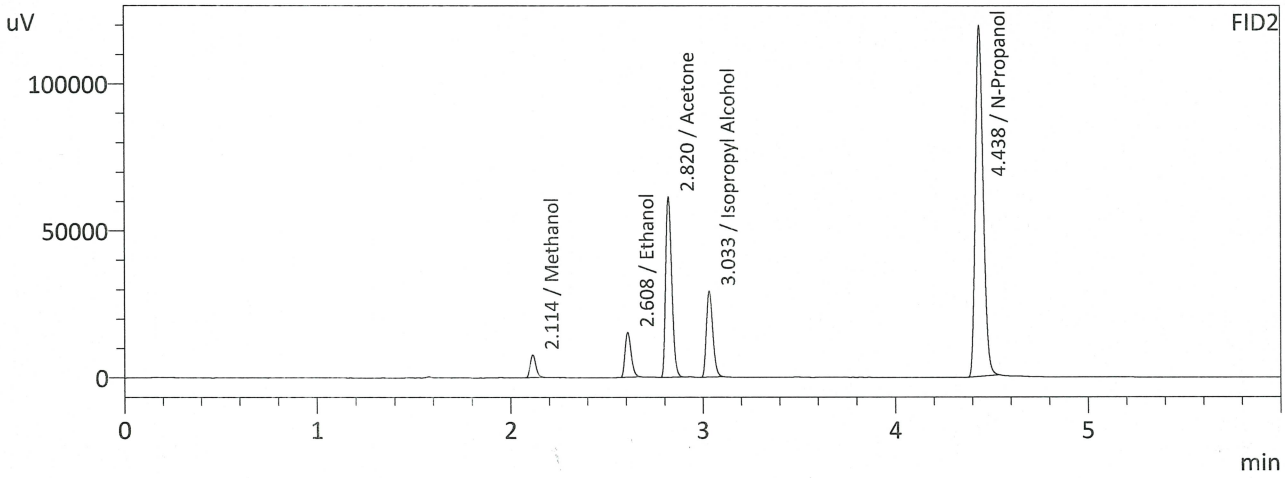
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	370999	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 9/28/2023 9:57:28 AM
Vial # : 8
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	1.0000	14974	g/100cc
Ethanol	0.0444	32442	g/100cc
Isopropyl Alcohol	1.0000	66299	g/100cc
Acetone	1.0000	133303	g/100cc
N-Propanol	0.0000	329024	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	15917	g/100cc
Ethanol	0.0443	33922	g/100cc
Acetone	1.0000	136727	g/100cc
Isopropyl Alcohol	1.0000	68392	g/100cc
N-Propanol	0.0000	338910	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc