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REVIEWED

By Melissa (Nikka) Bradley at 11:17 am, Aug 28, 2024

NB

8/26/2024

Worklist: 6908

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--------------------|---|
| C2024-1448 | 1 | BCK | Alcohol Analysis |  |
| C2024-1453 | 4 | BCK | Alcohol Analysis |  |
| C2024-1531 | 1 | BCK | Alcohol Analysis |  |
| C2024-1579 | 1 | BCK | Alcohol Analysis |  |
| C2024-1589 | 1 | BCK | Alcohol Analysis |  |
| C2024-1594 | 1 | BCK | Alcohol Analysis |  |
| C2024-1599 | 1 | BCK | Alcohol Analysis |  |
| C2024-1603 | 1 | BCK | Alcohol Analysis |  |
| C2024-1612 | 1 | BCK | Alcohol Analysis |  |
| C2024-1624 | 1 | BCK | Alcohol Analysis |  |
| C2024-1631 | 1 | BCK | Alcohol Analysis |  |
| C2024-1632 | 1 | BCK | Alcohol Analysis |  |
| C2024-1641 | 1 | BCK | Alcohol Analysis |  |
| C2024-1643 | 1 | BCK | Alcohol Analysis |  |
| C2024-1647 | 1 | BCK | Alcohol Analysis |  |
| C2024-1654 | 1 | BCK | Alcohol Analysis |  |
| C2024-1666 | 1 | BCK | Alcohol Analysis |  |
| M2024-3128 | 1 | BCK | Alcohol Analysis |  |

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
 Copyright (C) 2008-2020 Shimadzu Corporation

| 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 FN06171903 | 1:Standard:(R) | 1 | ALCOHOL.gcm |
| 3 | 0.100 FN11172002 | 1:Standard:(R) | 2 | ALCOHOL.gcm |
| 4 | 0.200 FN03132302 | 1:Standard:(R) | 3 | ALCOHOL.gcm |
| 5 | 0.400 FN03052102 | 1:Standard:(R) | 4 | ALCOHOL.gcm |
| 6 | 0.500 FN06262004 | 1:Standard:(R) | 5 | ALCOHOL.gcm |
| 7 | INT STD BLK 2 | 0:Unknown | 0 | ALCOHOL.gcm |
| 8 | I-COMP MIX LOT# FN05 | 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 LOT# FN0623220 | 0:Unknown | 0 | ALCOHOL.gcm |
| 13 | 08 QA - B LOT# FN062322 | 0:Unknown | 0 | ALCOHOL.gcm |
| 14 | C2024-1362-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 15 | C2024-1362-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 16 | C2024-1373-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 17 | C2024-1373-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 18 | C2024-1448-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 19 | C2024-1448-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 20 | C2024-1453-4 | 0:Unknown | 0 | ALCOHOL.gcm |
| 21 | C2024-1453-4-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 22 | C2024-1531-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 23 | C2024-1531-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 24 | C2024-1579-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 25 | C2024-1579-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 26 | C2024-1589-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 27 | C2024-1589-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 28 | C2024-1594-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 29 | C2024-1594-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 30 | C2024-1599-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 31 | C2024-1599-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 32 | QC-1-2 | 0:Unknown | 0 | ALCOHOL.gcm |
| 33 | QC-1-2-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 34 | C2024-1603-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 35 | C2024-1603-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 36 | C2024-1612-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 37 | C2024-1612-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 38 | C2024-1624-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 39 | C2024-1624-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 40 | C2024-1631-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 41 | C2024-1631-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 42 | C2024-1632-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 43 | C2024-1632-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 44 | C2024-1641-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 45 | C2024-1641-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 46 | C2024-1643-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 47 | C2024-1643-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 48 | C2024-1647-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 49 | C2024-1647-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 50 | C2024-1654-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 51 | C2024-1654-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 52 | C2024-1666-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 53 | C2024-1666-1-B | 0:Unknown | 0 | ALCOHOL.gcm |

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| Vial# | Sample Name | Sample Type | Level# | Method File |
|-------|----------------|-------------|--------|-------------|
| 54 | QC-2-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 55 | QC-2-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 56 | M2024-3128-1 | 0:Unknown | 0 | ALCOHOL.gcm |
| 57 | M2024-3128-1-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 58 | QC-2-2 | 0:Unknown | 0 | ALCOHOL.gcm |
| 59 | QC-2-2-B | 0:Unknown | 0 | ALCOHOL.gcm |
| 60 | INT STD BLK 6 | 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):

8-26-2024

Calibration Date: (if different)

Worklist #

6908

| Control level | Expiration | Lot # | Target Value | Acceptable Range | Overall Results | |
|---------------------------------|------------|-------------|-----------------|------------------|-----------------|---------|
| Level 1 | Feb-25 | 2101199 | 0.0808 | 0.0727 - 0.0889 | 0.0806 g/100cc | |
| | | | | | 0.0816 g/100cc | |
| | | | | | g/100cc | |
| Level 2 | Mar-26 | 2110181 | 0.2030 | 0.1827 - 0.2233 | 0.1985 g/100cc | |
| | | | | | 0.1983 g/100cc | |
| | | | | | g/100cc | |
| Multi-Component mixture: | | Exp: | May 31, 2028 | Lot # | FN05302307 | OK |
| Curve Fit: | | | Column 1 | 0.99973 | 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 | 0.0533 | 0.0004 | 0.0531 |
| 100 | 0.100 | 0.090 - 0.110 | 0.1005 | 0.1004 | 0.0001 | 0.1004 |
| 200 | 0.200 | 0.180 - 0.220 | 0.1955 | 0.1951 | 0.0004 | 0.1953 |
| 300 | 0.300 | 0.270 - 0.330 | | | 0.0000 | #DIV/0! |
| 400 | 0.400 | 0.360 - 0.440 | 0.3981 | 0.3977 | 0.0004 | 0.3979 |
| 500 | 0.500 | 0.450 - 0.550 | 0.5028 | 0.5033 | 0.0005 | 0.503 |

Aqueous Controls

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

Revision: 5

Issue Date: 07/05/2022

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Internal Standard Monitoring Worksheet

| | | | |
|--------------------|-------------|---------------------|------------------|
| Worklist #: | 6908 | Run Date(s): | 8-26-2024 |
|--------------------|-------------|---------------------|------------------|

| | | |
|---|---------------------|---------------------|
| Internal Standard Solution: Lot# A014463901 | Prep Date: 6/5/2024 | Exp Date: 12/5/2024 |
|---|---------------------|---------------------|

| Sample Name | Column 1 Value | Column 2 Value |
|-------------|----------------|----------------|
| 0.080 | 240981 | 242398 |
| 0.080 | 243636 | 244851 |
| QC1 | 239917 | 241622 |
| QC1 | 242773 | 244244 |
| QC1 | 261925 | 261652 |
| QC1 | 259628 | 260189 |
| QC1 | | |
| QC1 | | |
| QC2 | 274397 | 274938 |
| QC2 | 277098 | 278112 |
| QC2 | 275760 | 277097 |
| QC2 | 278339 | 279267 |
| QC2 | | |
| QC2 | | |

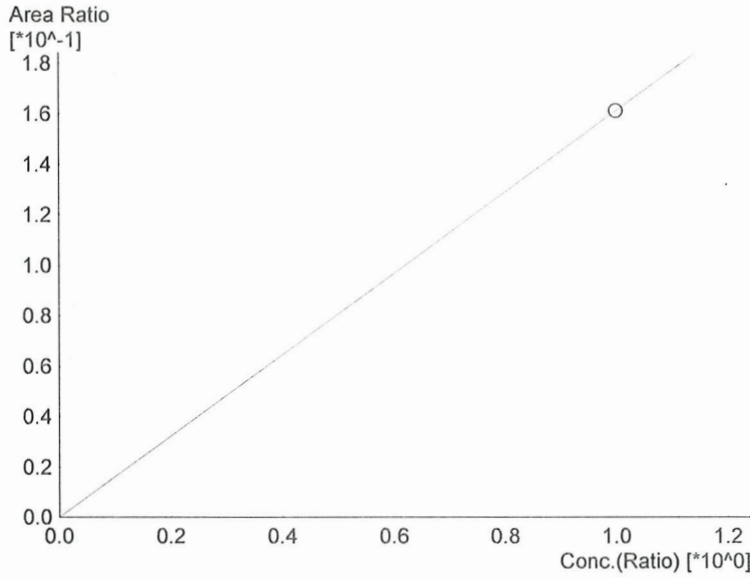
| | Average | (-)20% | (+)20% |
|----------|----------|----------|----------|
| Column 1 | 259445.4 | 207556.3 | 311334.5 |
| Column 2 | 260437.0 | 208349.6 | 312524.4 |

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Calibration Table

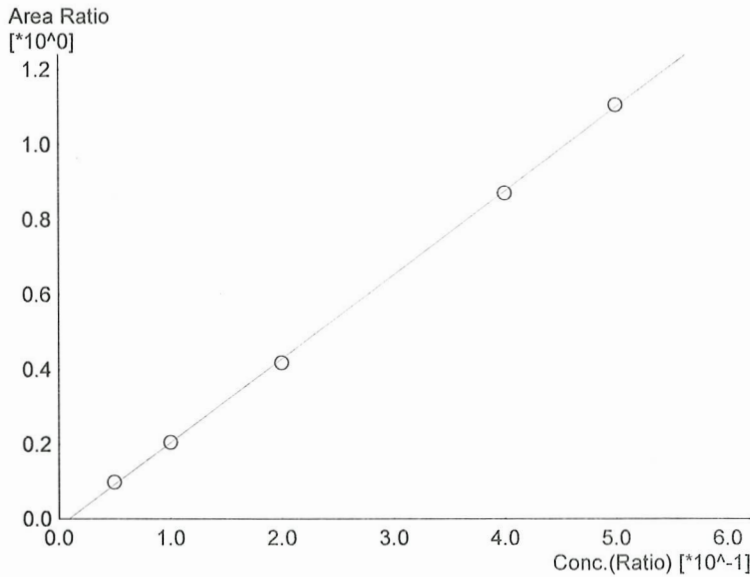
Laboratory : Coeur d' Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL.gcm
 Batch File :Default Project - 8-26-24.gcb
 Date Acquired :8/26/2024 4:36:31 PM
 Date Created :8/26/2024 4:33:54 PM
 Date Modified :8/26/2024 4:42:33 PM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.161120*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

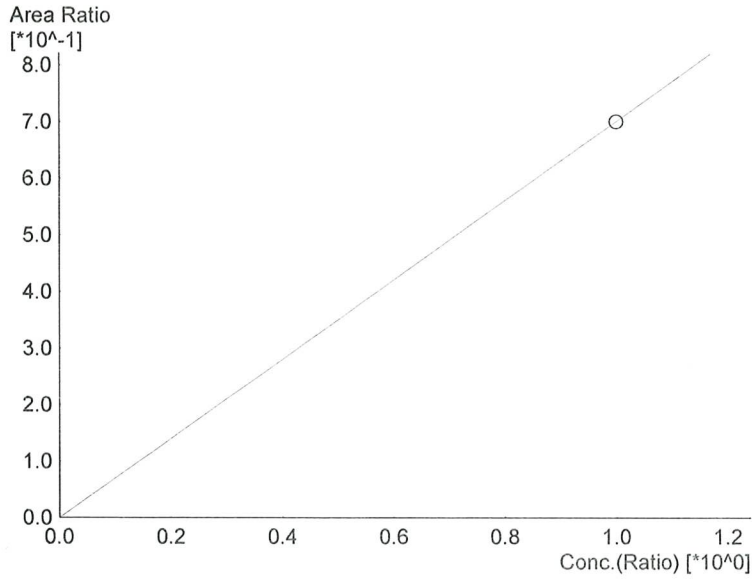
| # | Conc. | Area | Std. Conc. |
|---|-------|-------|------------|
| 6 | 1.000 | 40378 | 1.0000 |



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.23952*x-0.0202177$
 R² value= 0.9997316
 FitType: Linear
 ZeroThrough: Not Through

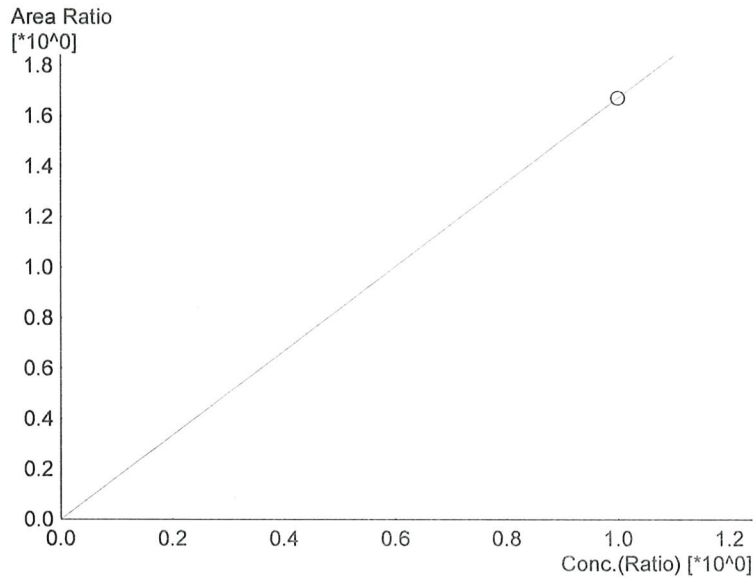
| # | Conc. | Area | Std. Conc. |
|---|-------|--------|------------|
| 1 | 0.050 | 21932 | 0.0529 |
| 2 | 0.100 | 46204 | 0.1005 |
| 3 | 0.200 | 95616 | 0.1955 |
| 4 | 0.400 | 198956 | 0.3981 |
| 5 | 0.500 | 255517 | 0.5028 |

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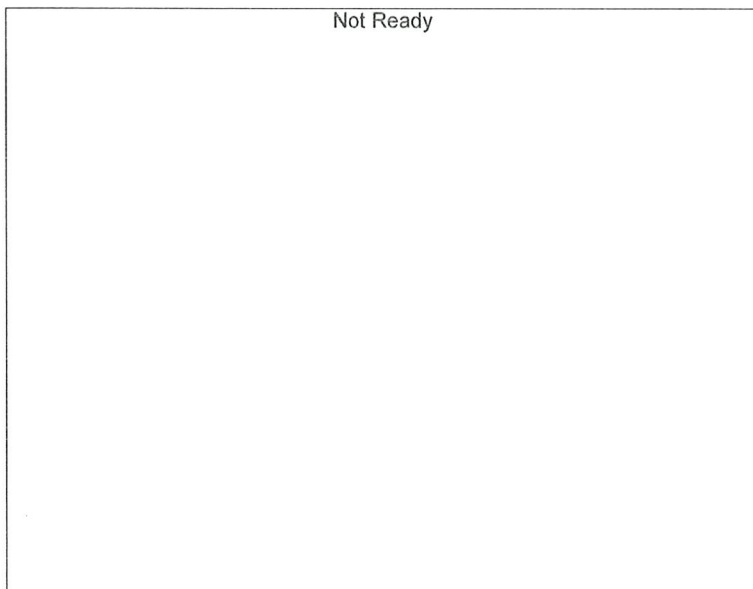
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0.700563*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|-------|--------|------------|
| 6 | 1.000 | 175564 | 1.0000 |



Name : Acetone
Detector Name: FID1
Function : $f(x)=1.67112*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

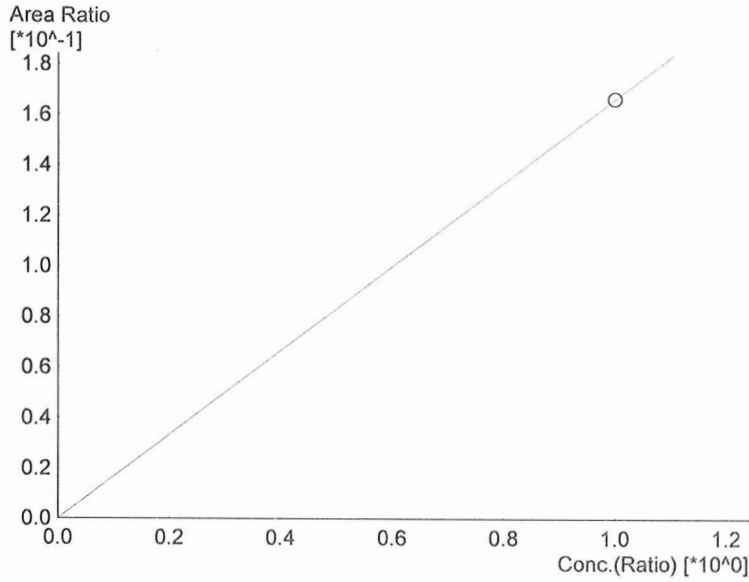
| # | Conc. | Area | Std. Conc. |
|---|-------|--------|------------|
| 6 | 1.000 | 418789 | 1.0000 |



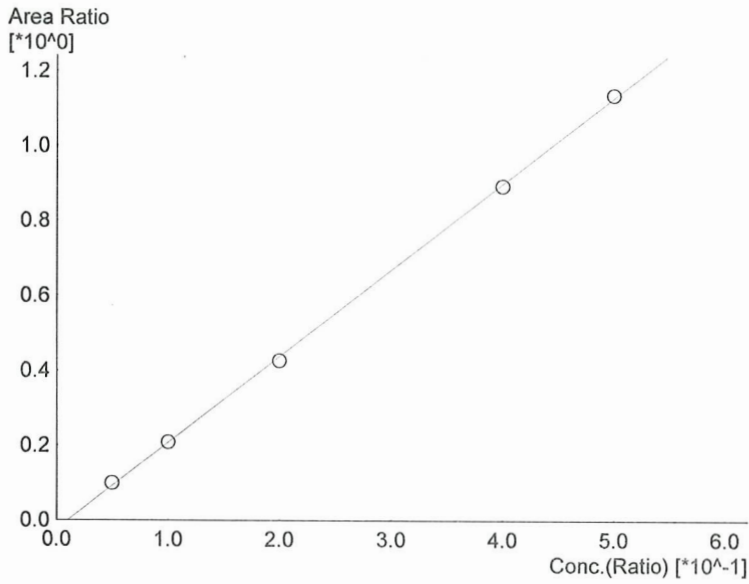
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|-------|------|------------|
|---|-------|------|------------|

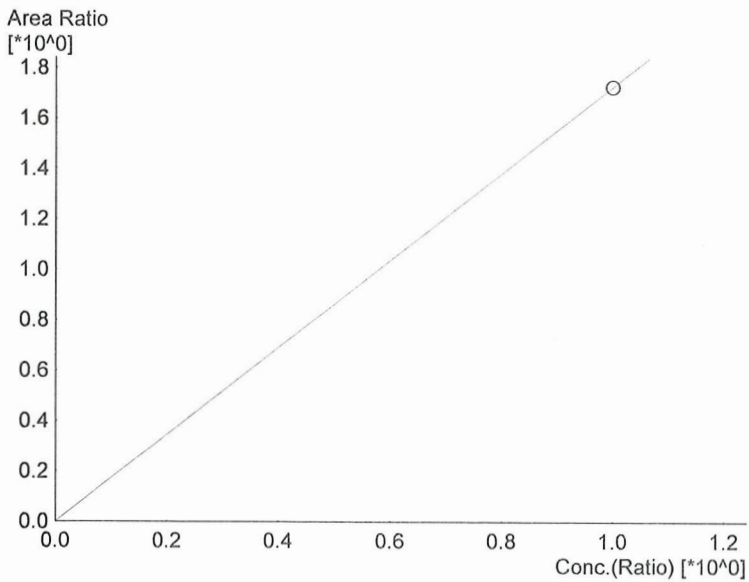
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| # | Conc. | Area | Std. Conc. |
|---|-------|-------|------------|
| 6 | 1.000 | 42060 | 1.0000 |

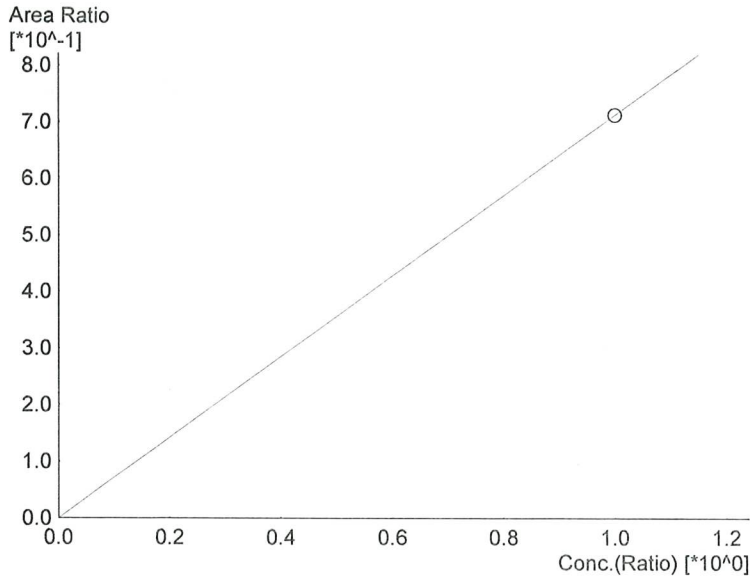


| # | Conc. | Area | Std. Conc. |
|---|-------|--------|------------|
| 1 | 0.050 | 22317 | 0.0533 |
| 2 | 0.100 | 47090 | 0.1004 |
| 3 | 0.200 | 97972 | 0.1951 |
| 4 | 0.400 | 204804 | 0.3977 |
| 5 | 0.500 | 264127 | 0.5033 |



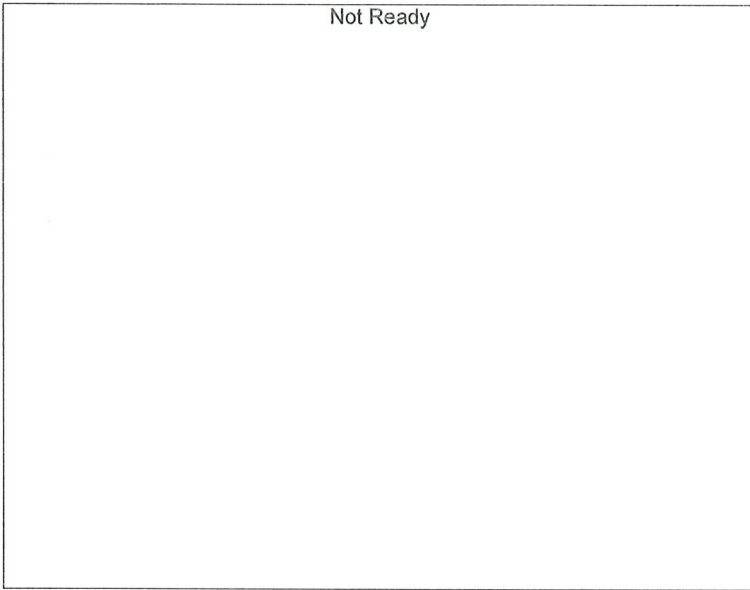
| # | Conc. | Area | Std. Conc. |
|---|-------|--------|------------|
| 6 | 1.000 | 436493 | 1.0000 |

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Name : Isopropyl Alcohol
Detector Name: FID2
Function : $f(x)=0.712466*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|-------|--------|------------|
| 6 | 1.000 | 180058 | 1.0000 |

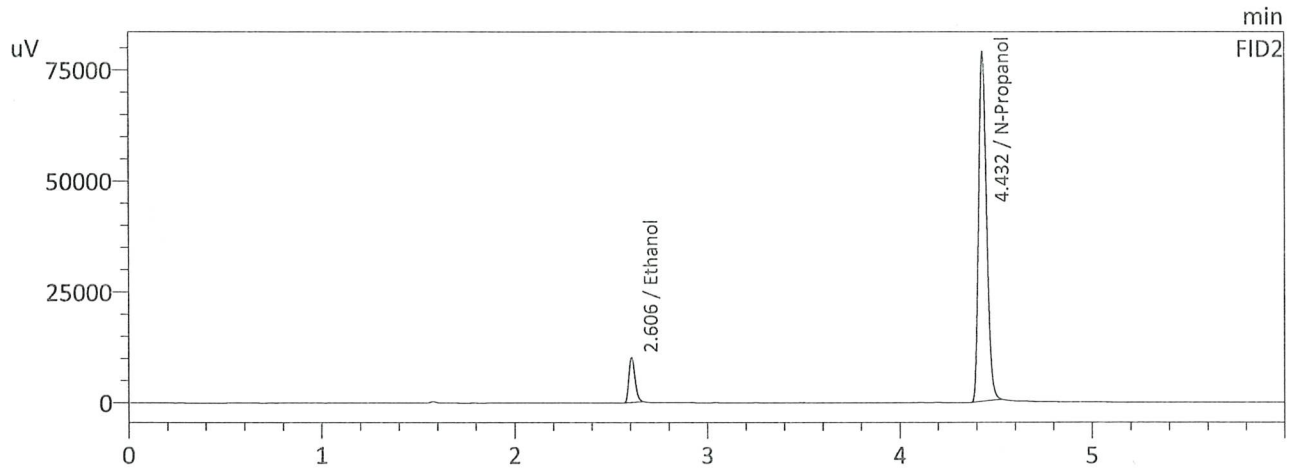
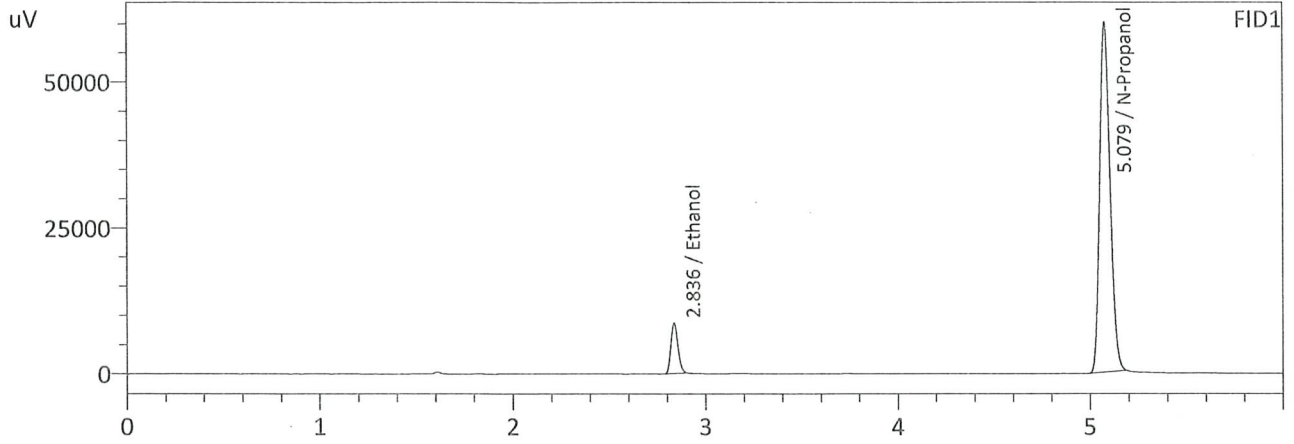


Name : Fluor. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|-------|------|------------|
|---|-------|------|------------|

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Sample Name : 0.050 FN06171903
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 3:57:42 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

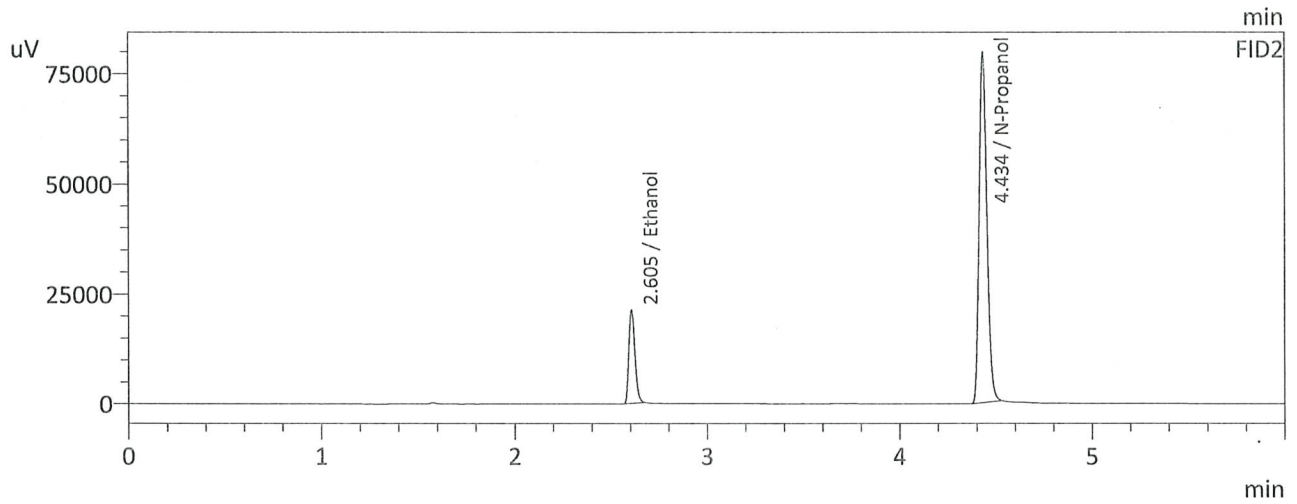
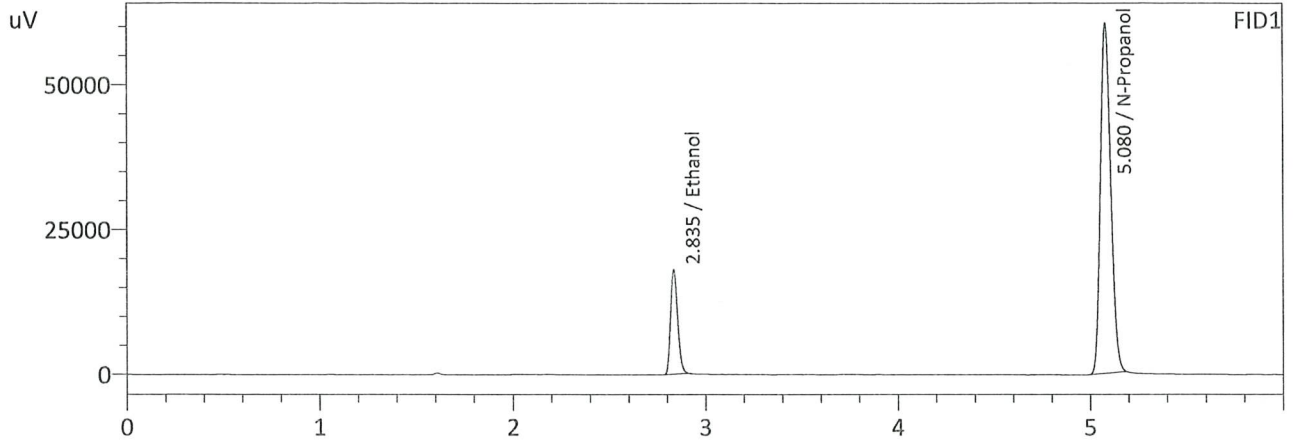
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0529 | 21932 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 223214 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0533 | 22317 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 224176 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

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Sample Name : 0.100 FN11172002
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 4:08:25 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

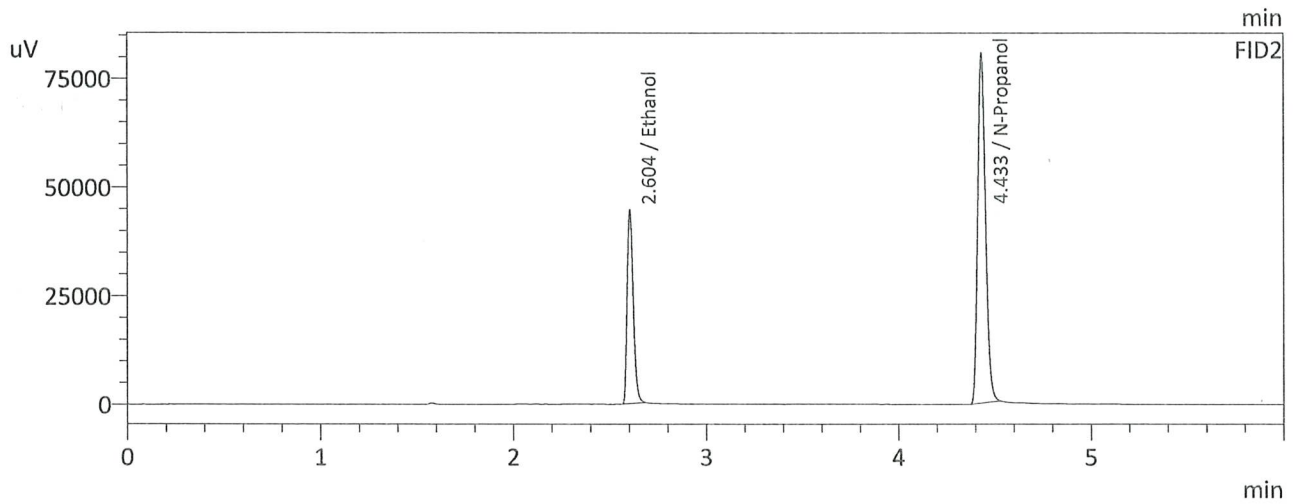
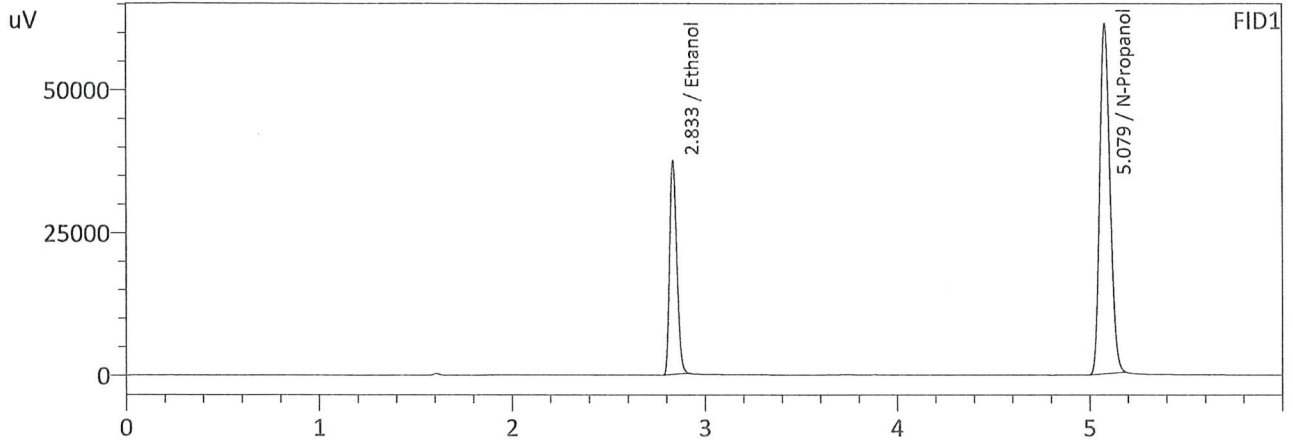
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1005 | 46204 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 225431 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1004 | 47090 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 226270 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

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Sample Name : 0.200 FN03132302
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 4:17:05 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

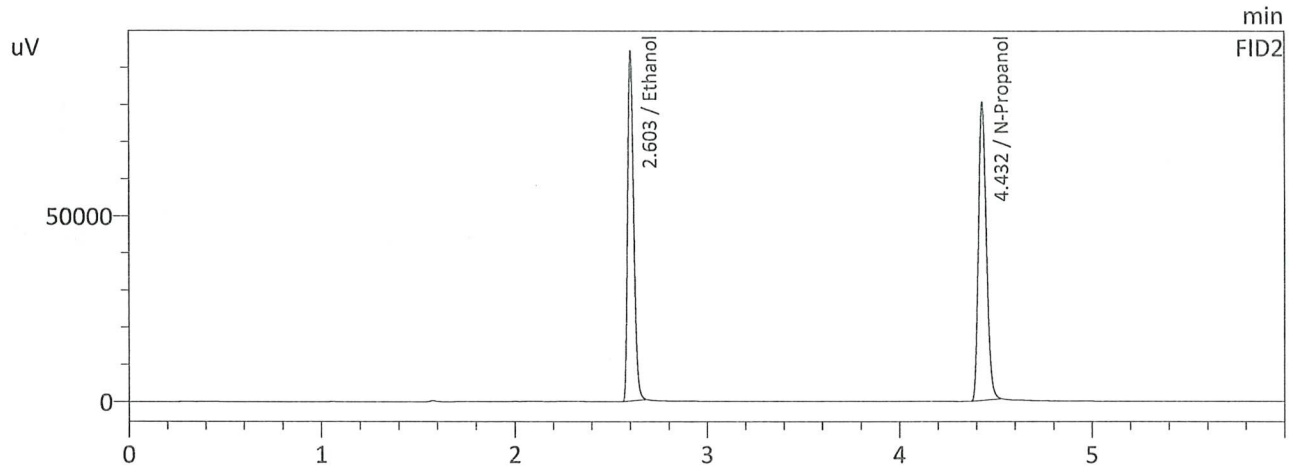
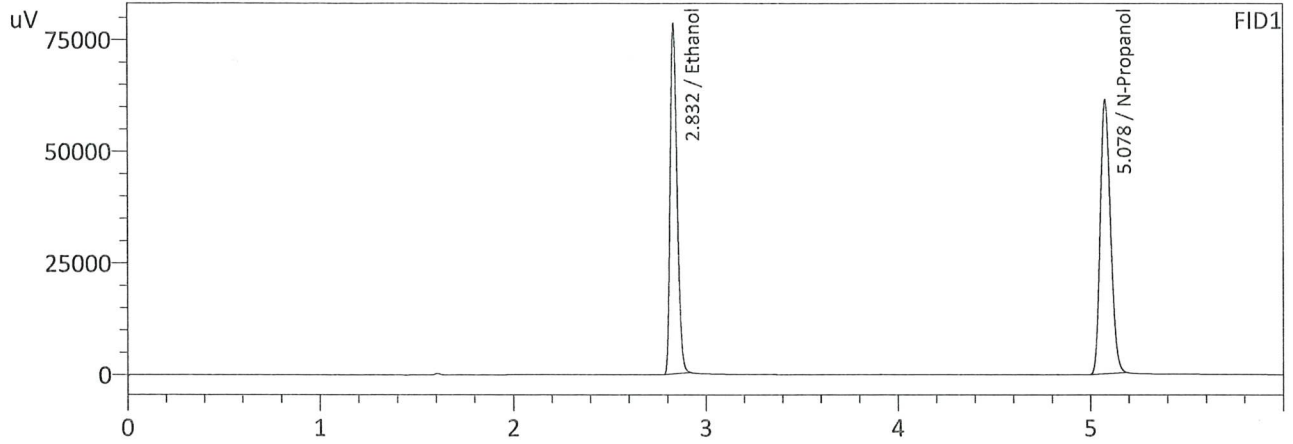
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1955 | 95616 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 228916 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1951 | 97972 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 229830 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

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Sample Name : 0.400 FN03052102
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 4:27:50 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

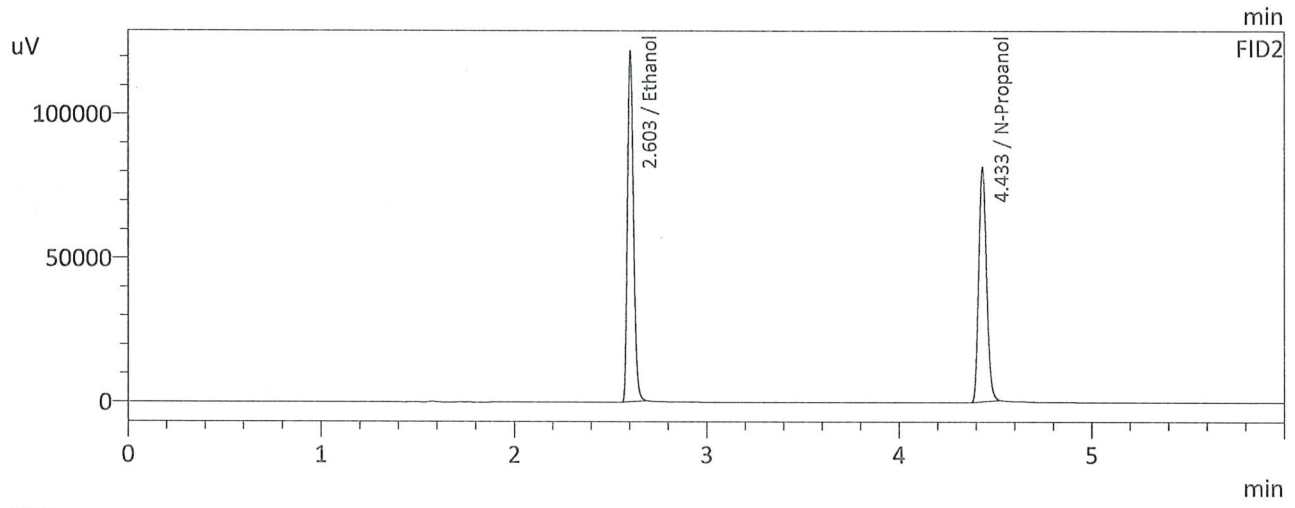
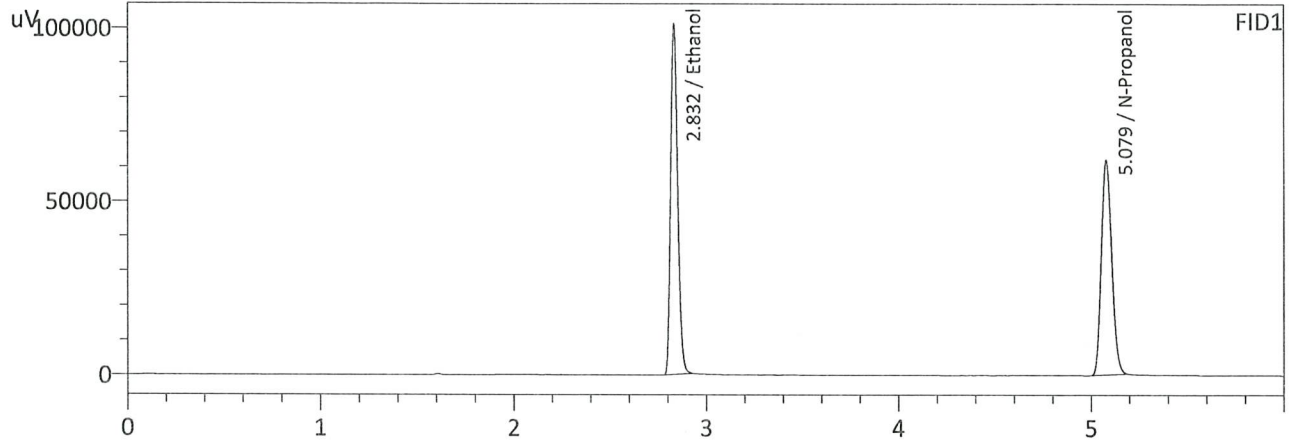
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.3981 | 198956 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 228306 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.3977 | 204804 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 229342 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

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Sample Name : 0.500 FN06262004
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 4:36:31 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.5028 | 255517 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 231036 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.5033 | 264127 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 232463 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: 0.08 QA LOT# FN06232204 | | Analysis Date(s): 8/26/2024 5:34:43 PM(-07:00) | | | | |
|--|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0823 | 0.0823 | 0.0000 | 0.0823 | 0.0000 | 0.0823 |
| (g/100cc) | 0.0822 | 0.0825 | 0.0003 | 0.0823 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

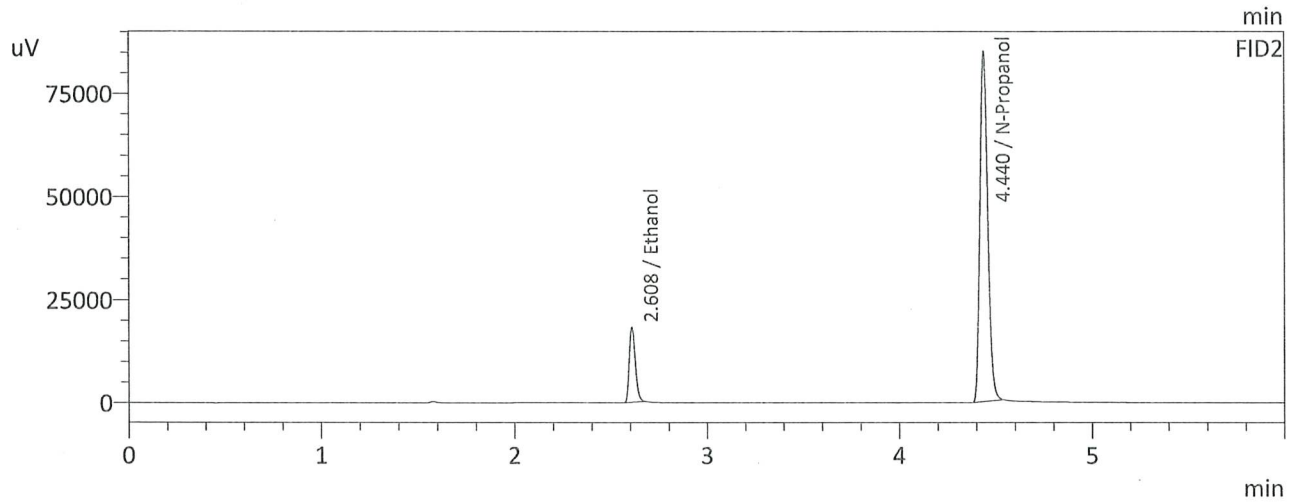
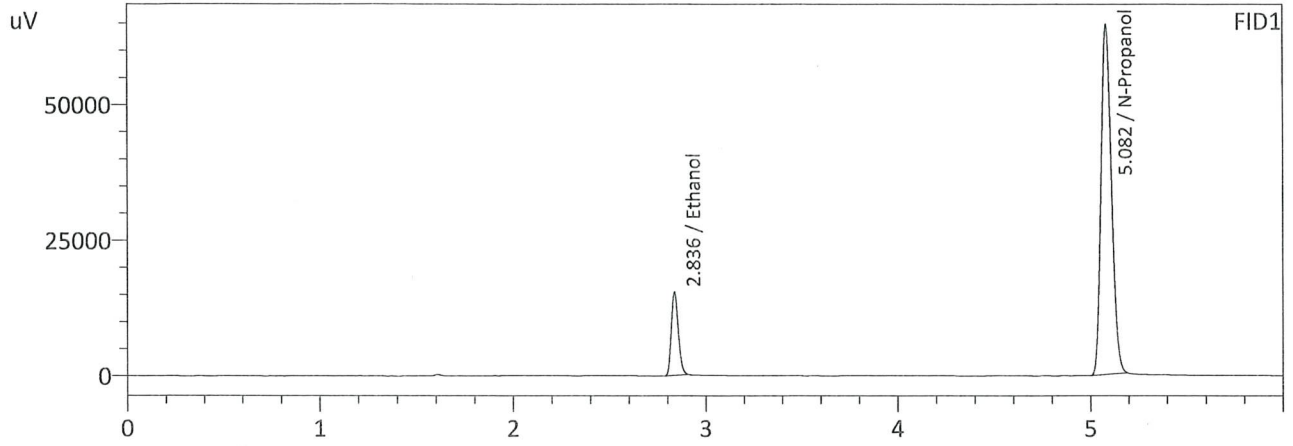
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.082 | 0.077 | 0.087 | 0.005 |

| Reported Results | |
|------------------|--|
| 0.082 | |

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA LOT# FN06232204
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 5:34:43 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

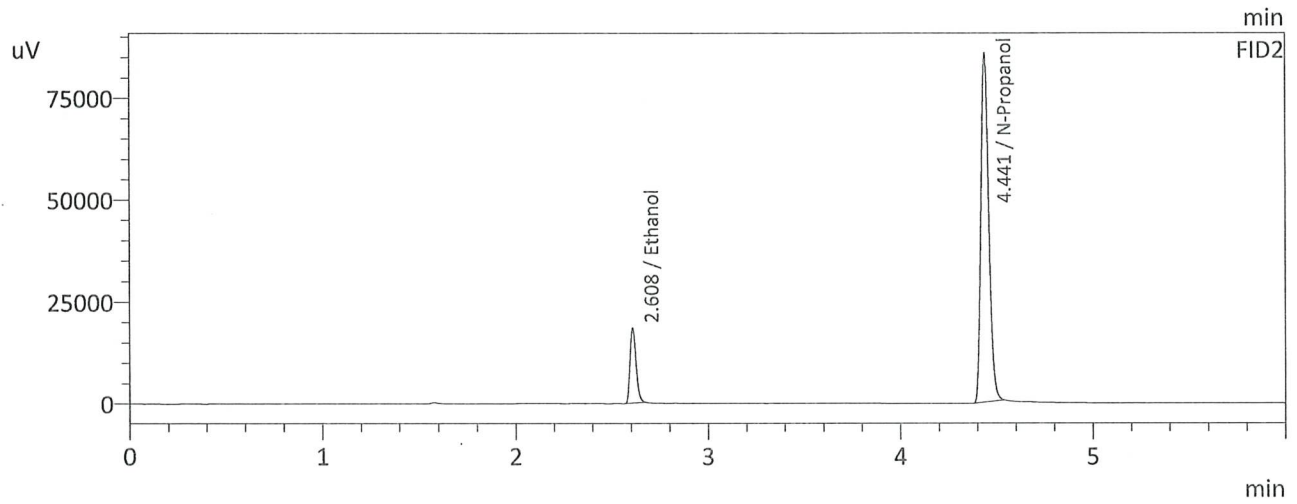
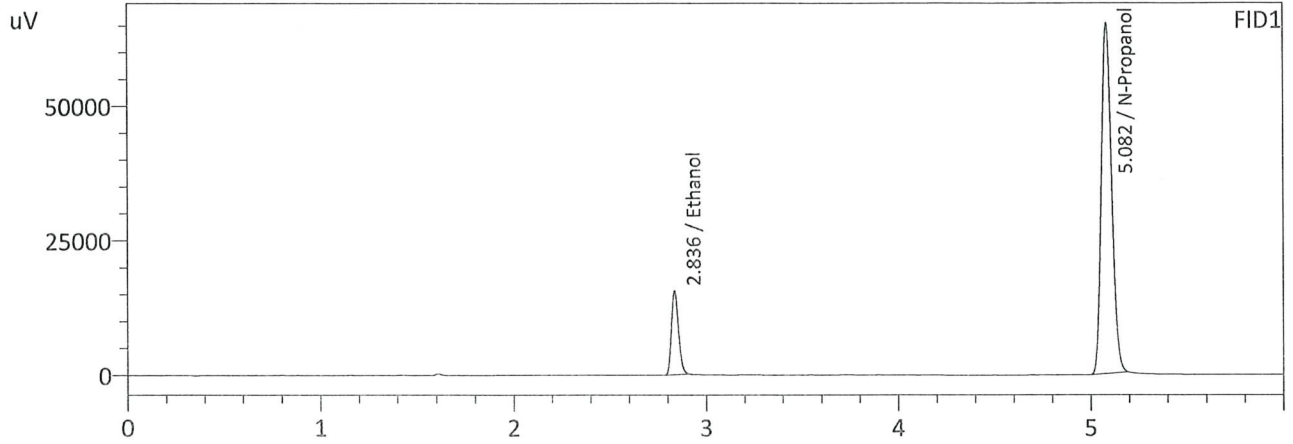
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0823 | 39565 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 240981 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0823 | 40310 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 242398 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : 0.08 QA - B LOT# FN06232204
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 5:45:26 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0822 | 39968 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 243636 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0825 | 40862 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 244851 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC-1-1 | | Analysis Date(s): 8/26/2024 5:15:18 PM(-07:00) | | | | |
|-----------------------|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0803 | 0.0805 | 0.0002 | 0.0804 | 0.0004 | 0.0806 |
| (g/100cc) | 0.0806 | 0.0810 | 0.0004 | 0.0808 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

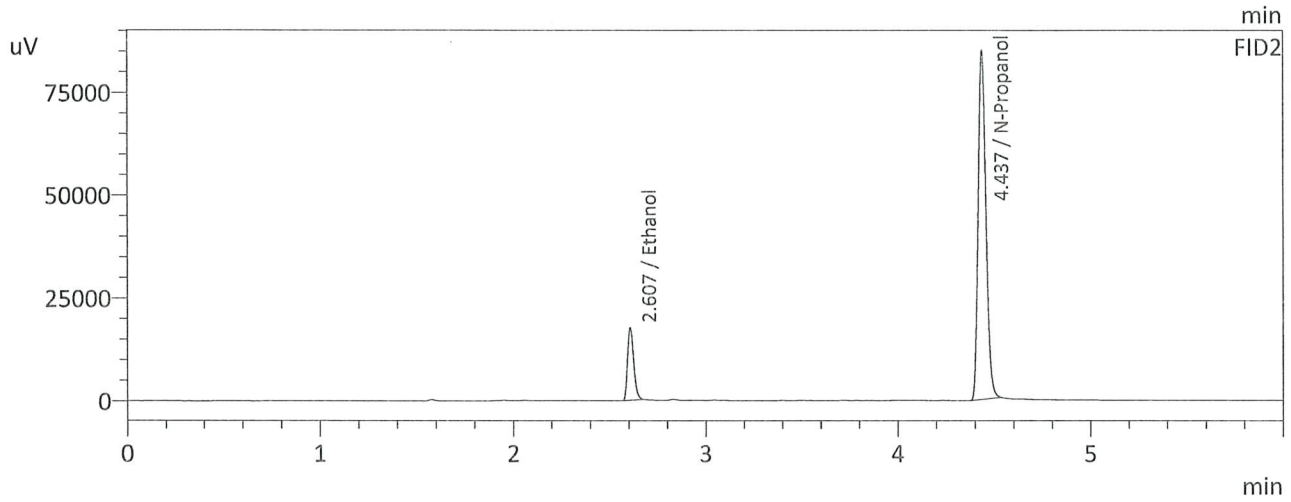
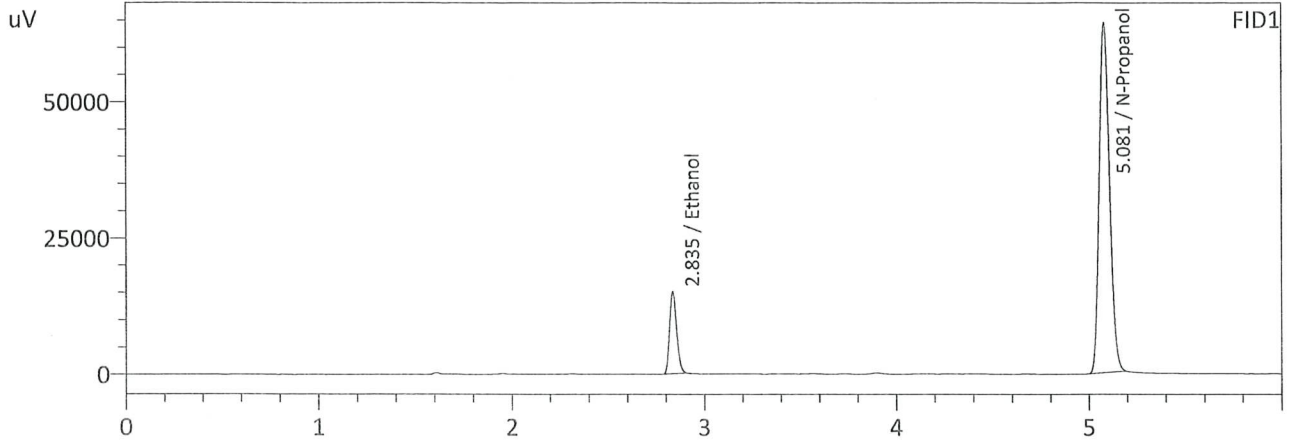
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.080 | 0.076 | 0.084 | 0.004 |

| | Reported Results |
|--|------------------|
| | 0.080 |

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 5:15:18 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

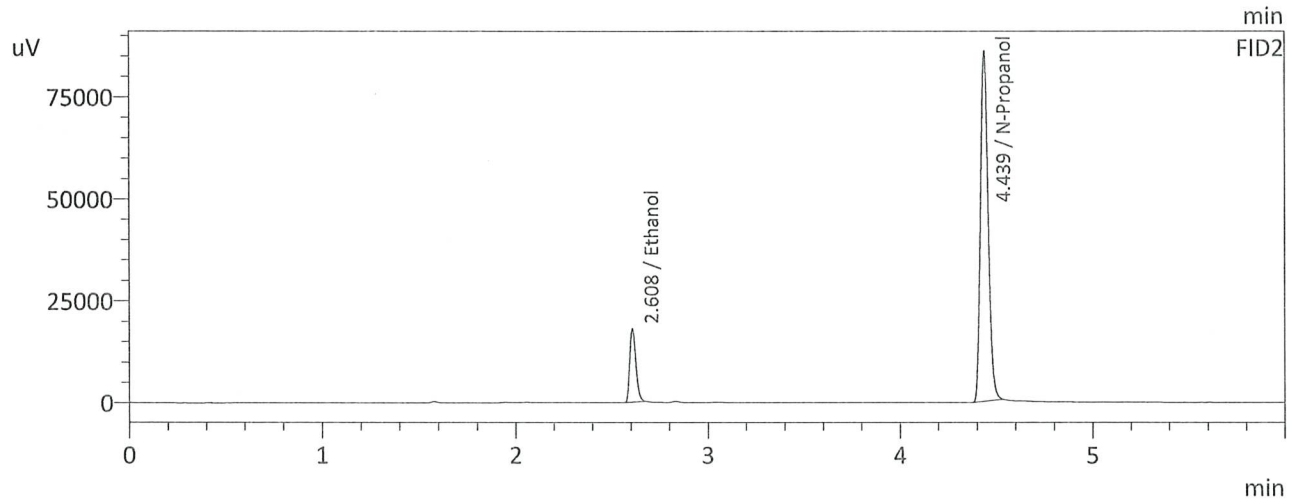
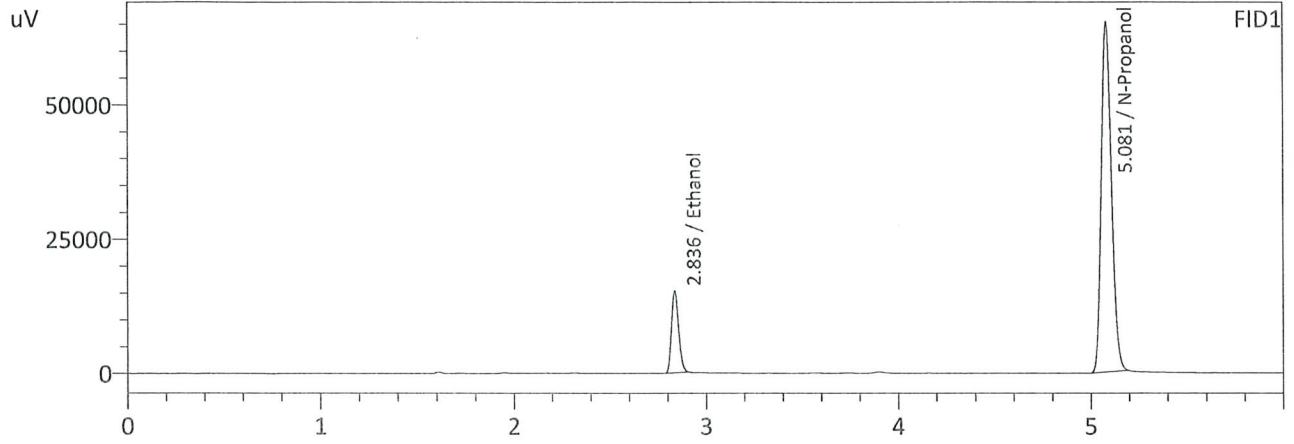
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0803 | 38323 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 239917 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0805 | 39213 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 241622 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 5:26:03 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0806 | 38924 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 242773 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0810 | 39899 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 244244 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC-1-2 | | Analysis Date(s): 8/26/2024 8:48:44 PM(-07:00) | | | | |
|-----------------------|-------------------|--|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.0812 | 0.0814 | 0.0002 | 0.0813 | 0.0006 | 0.0816 |
| (g/100cc) | 0.0818 | 0.0821 | 0.0003 | 0.0819 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

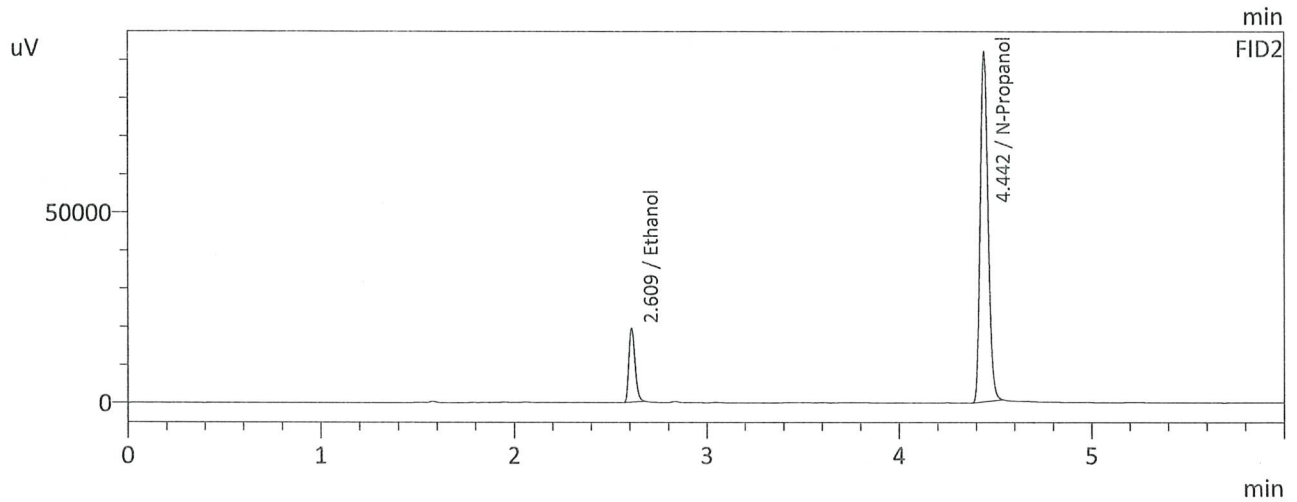
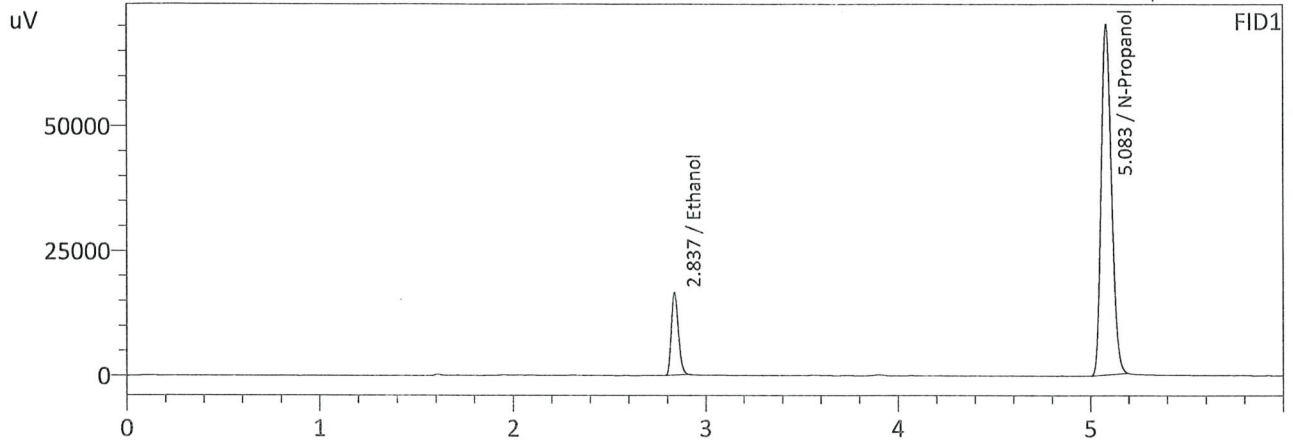
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.081 | 0.076 | 0.086 | 0.005 |

| Reported Results | |
|------------------|--|
| 0.081 | |

Calibration and control data are stored centrally.

99

Sample Name : QC-1-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 8:48:44 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

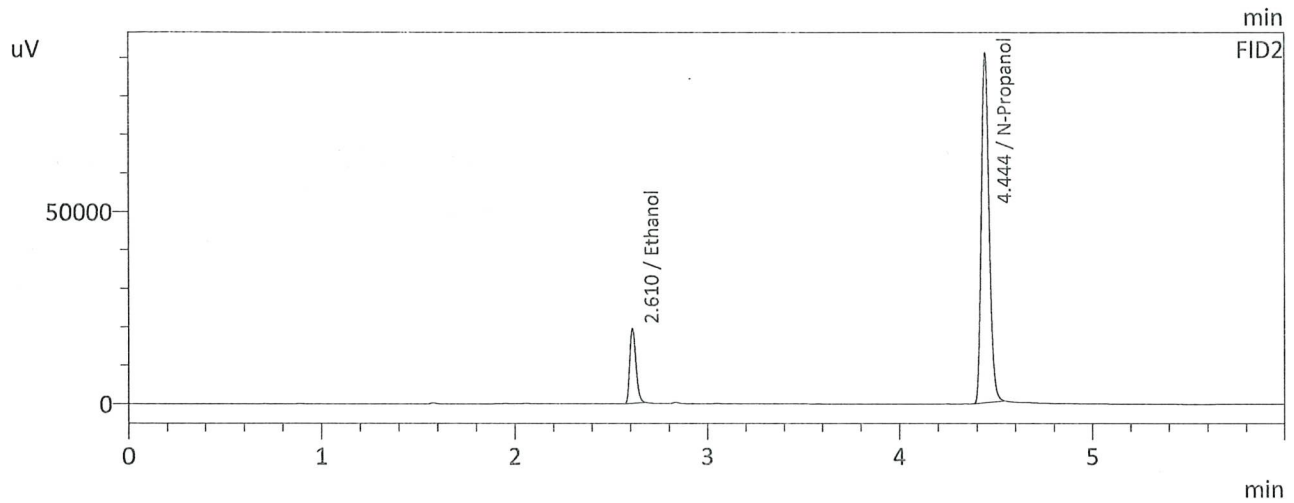
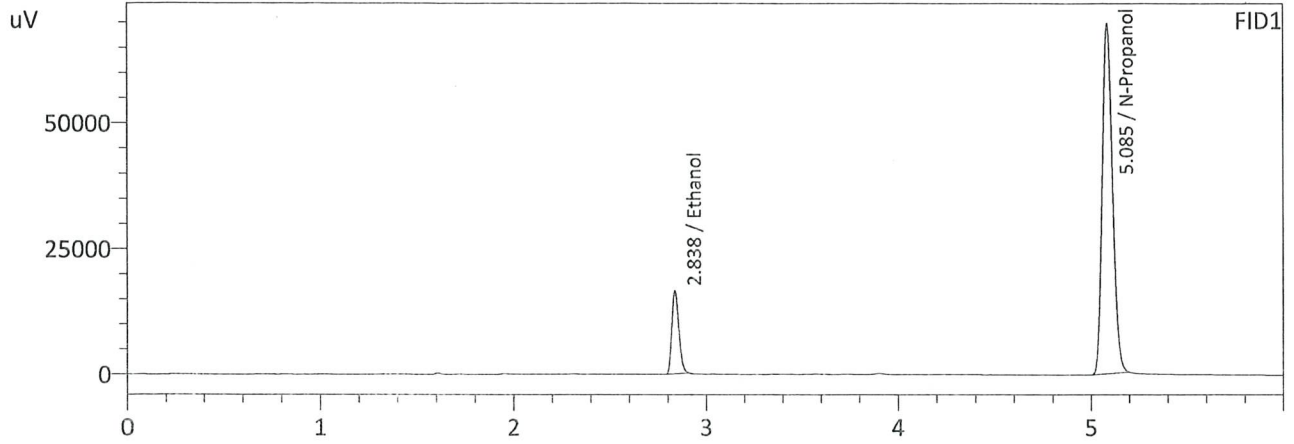
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0812 | 42353 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 261925 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0814 | 42987 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 261652 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : QC-1-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 8:59:28 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0818 | 42339 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 259628 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0821 | 43175 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 260189 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: QC-2-1 | | Analysis Date(s): 8/27/2024 12:22:18 AM(-07:00) | | | | |
|-----------------------|-------------------|---|---------------------|---------------|--------------------------|---------------|
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.1984 | 0.1985 | 0.0001 | 0.1984 | 0.0002 | 0.1985 |
| (g/100cc) | 0.1988 | 0.1984 | 0.0004 | 0.1986 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

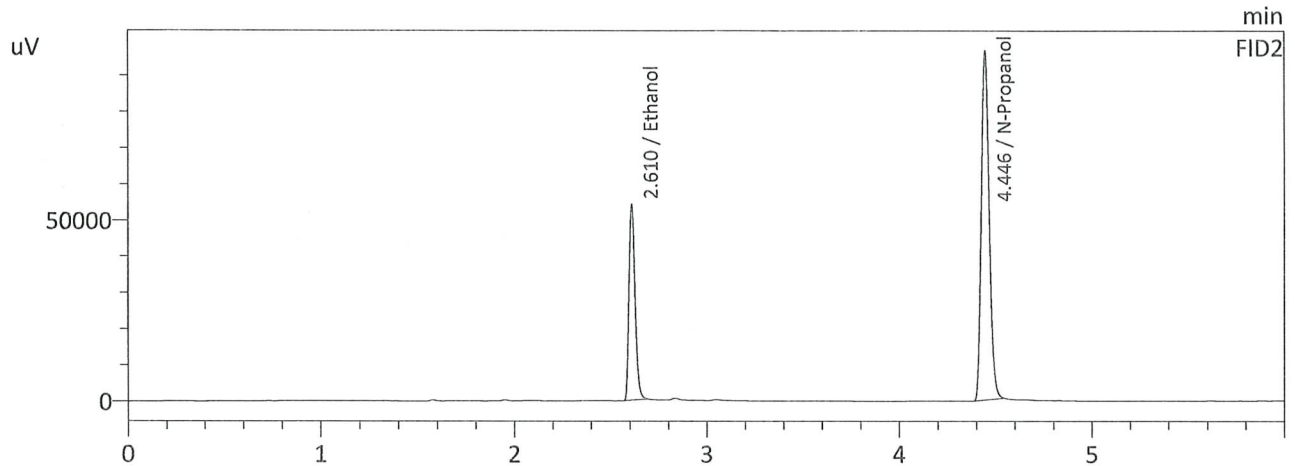
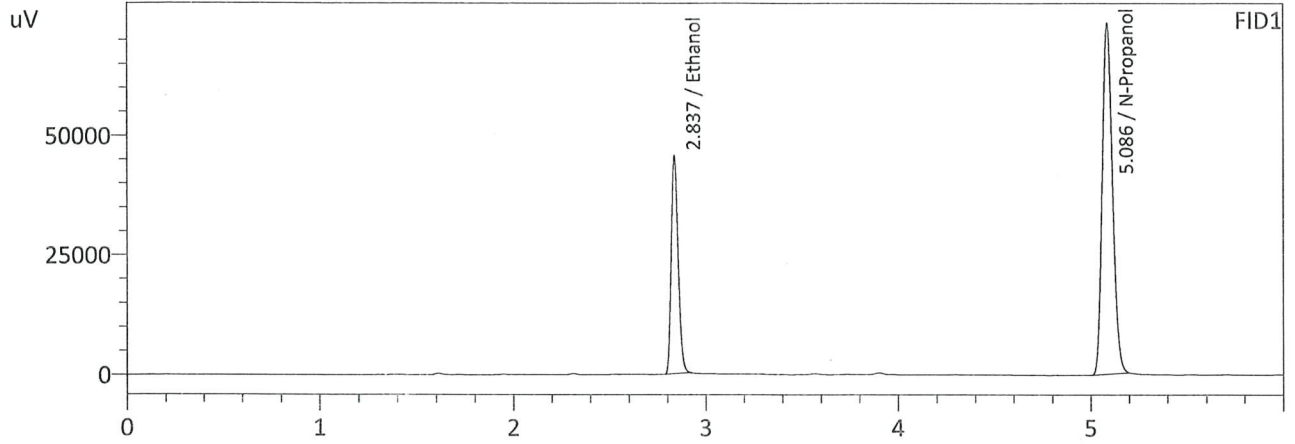
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
|------------------------|--|-------|-------------|
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.198 | 0.188 | 0.208 | 0.010 |

| Reported Results | |
|------------------|--|
| 0.198 | |

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/27/2024 12:22:18 AM
 Vial # : 54
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

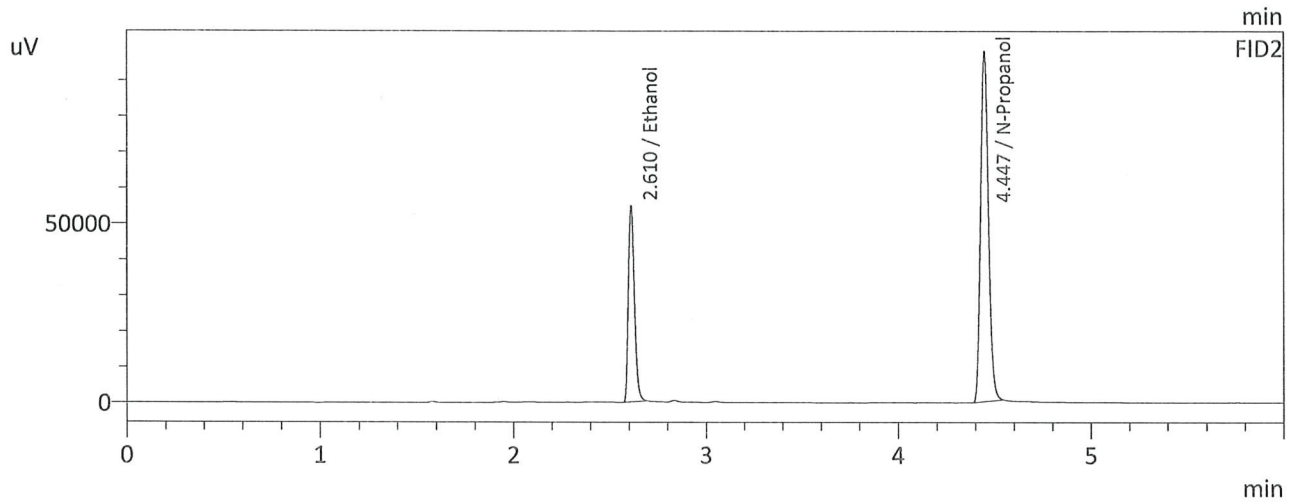
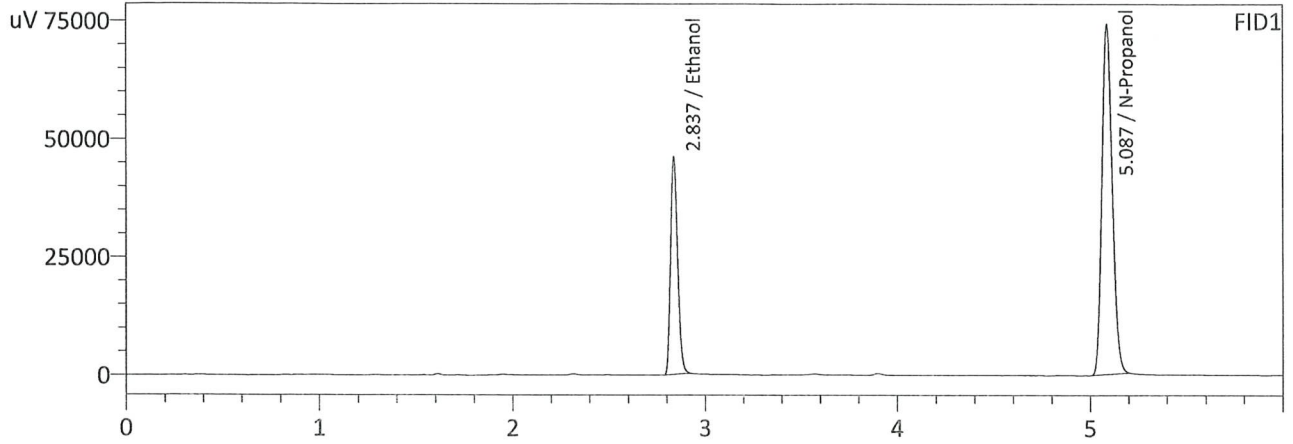
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1984 | 116425 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 274397 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1985 | 119347 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 274938 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/27/2024 12:33:03 AM
 Vial # : 55
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1988 | 117795 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 277098 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1984 | 120639 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 278112 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

| | | | | | | |
|-----------------------|-------------------|-------------------|--|---------------|--------------------------|---------------|
| Laboratory No: QC-2-2 | | | Analysis Date(s): 8/27/2024 1:01:10 AM(-07:00) | | | |
| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
| Sample Results | 0.1988 | 0.1980 | 0.0008 | 0.1984 | 0.0002 | 0.1983 |
| (g/100cc) | 0.1984 | 0.1980 | 0.0004 | 0.1982 | | |

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

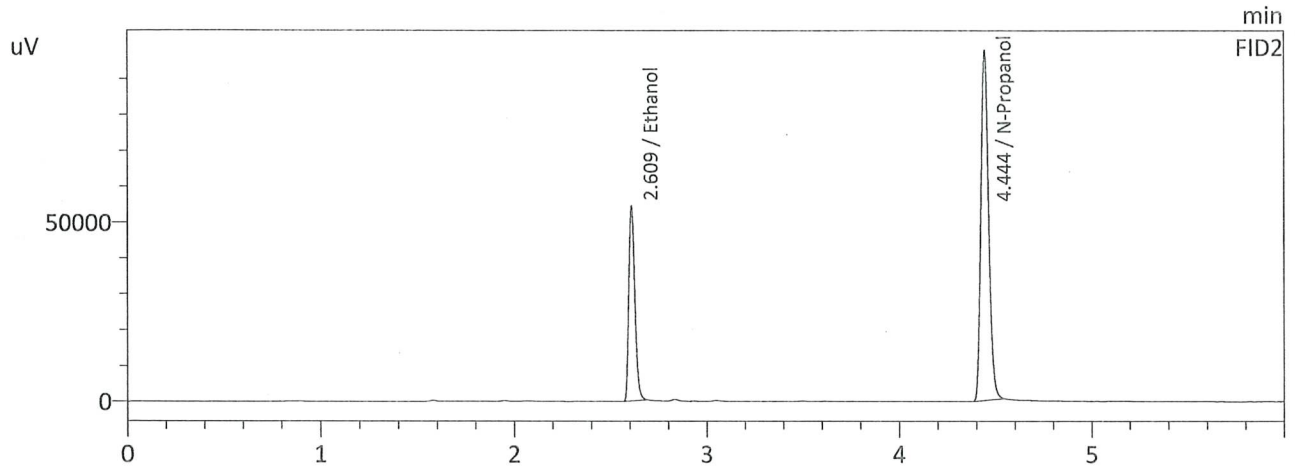
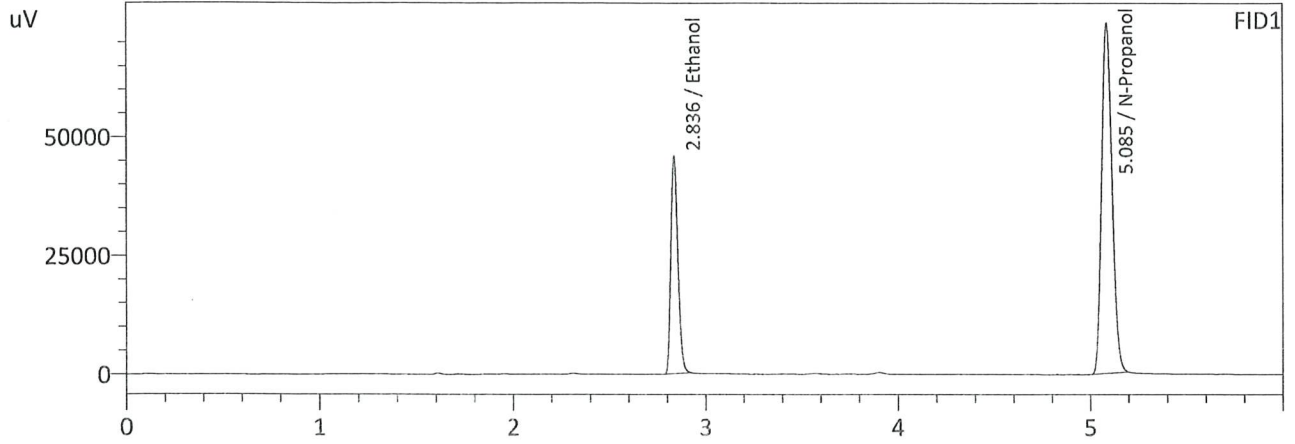
| | | | |
|------------------------|--|-------|-------------|
| Reporting of Results | Uncertainty of Measurements (UM%): 5.00% | | |
| Overall Mean (g/100cc) | Low | High | 5 % of Mean |
| 0.198 | 0.188 | 0.208 | 0.010 |

| | | |
|--|-------------------------|--|
| | Reported Results | |
| | 0.198 | |

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/27/2024 1:01:10 AM
 Vial # : 58
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

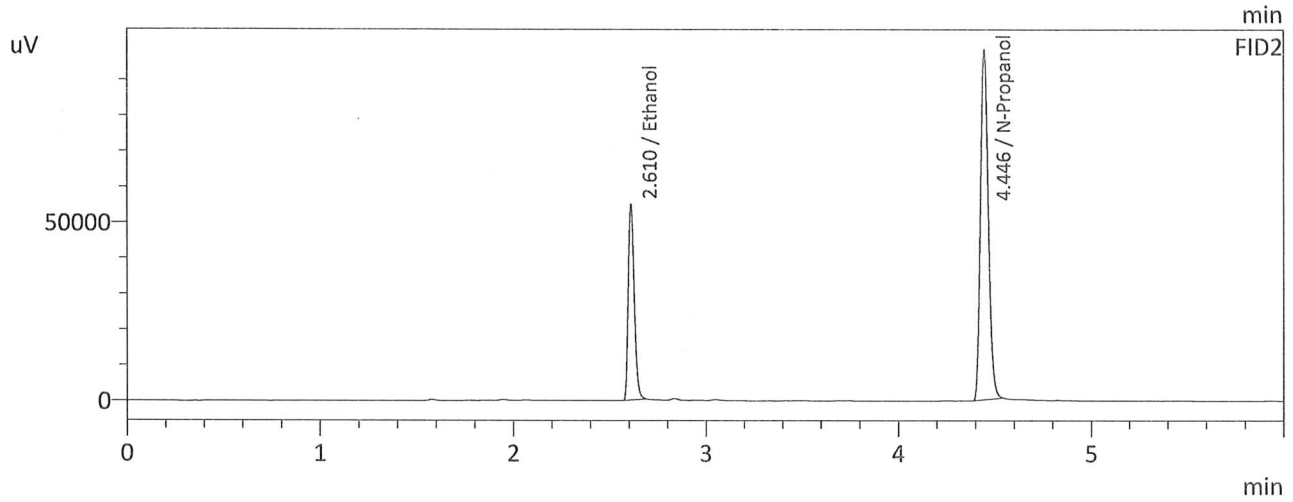
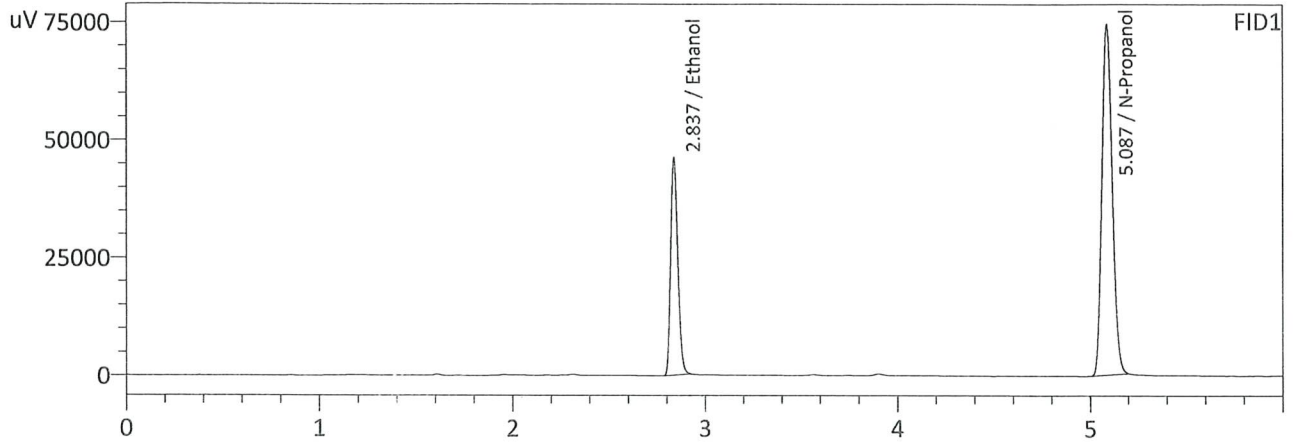
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1988 | 117217 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 275760 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1980 | 119961 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 277097 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : QC-2-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/27/2024 1:11:55 AM
 Vial # : 59
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

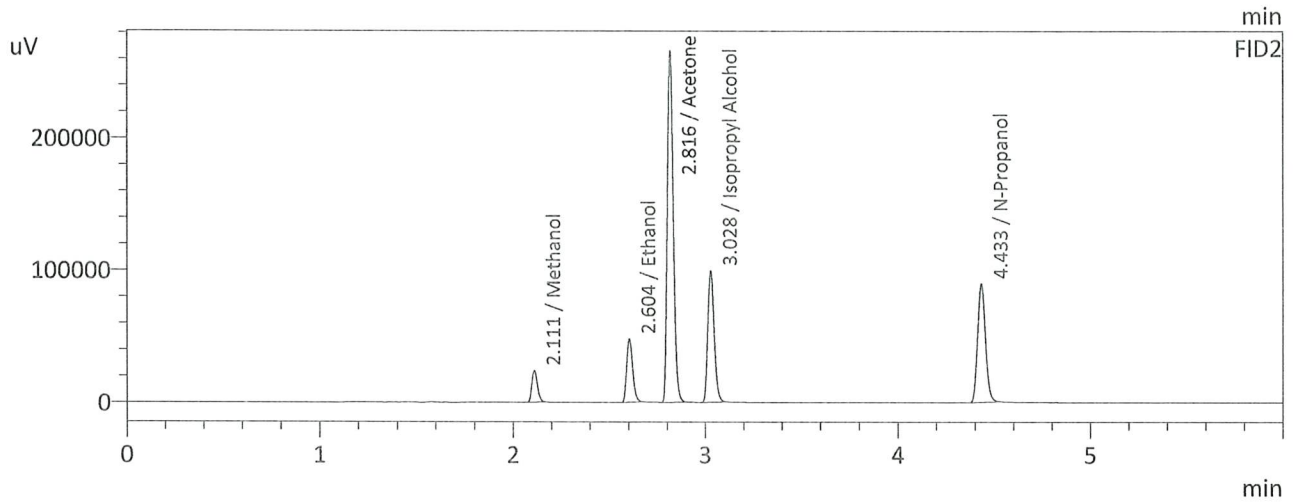
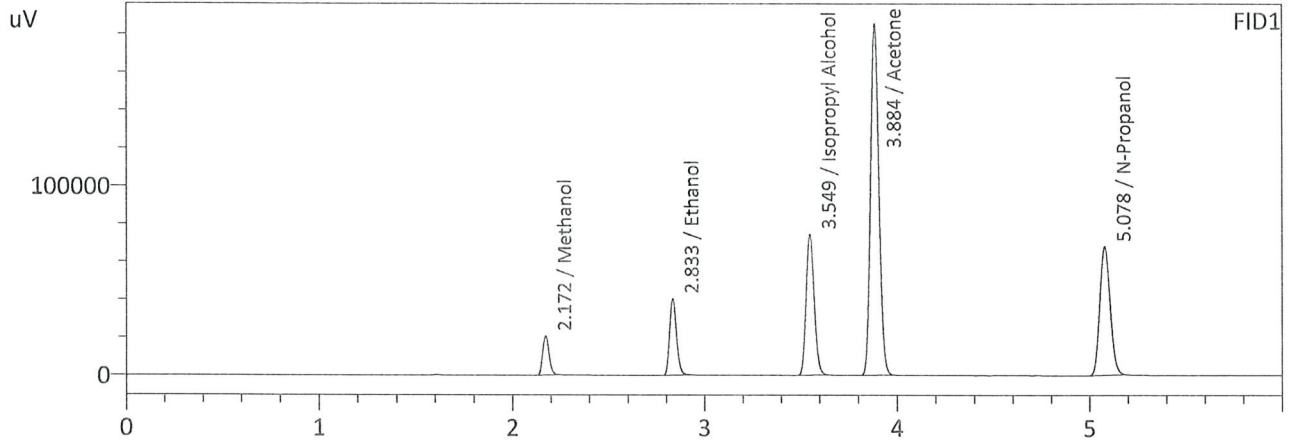
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1984 | 118106 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 278339 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1980 | 120940 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 279267 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : MULTI-COMP MIX LOT# FN05302307
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 4:55:55 PM
 Vial # : 8
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

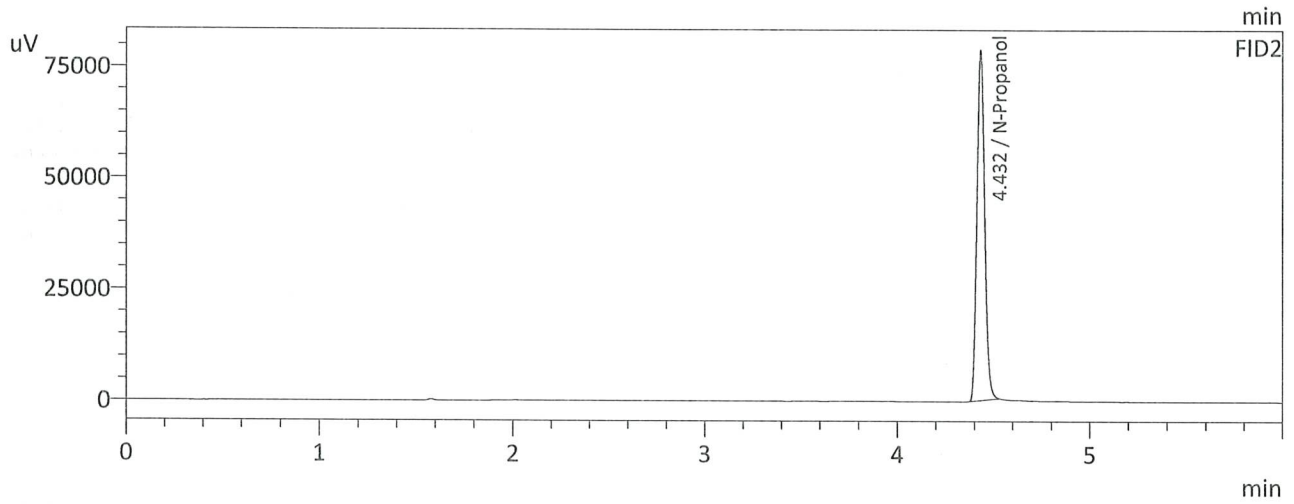
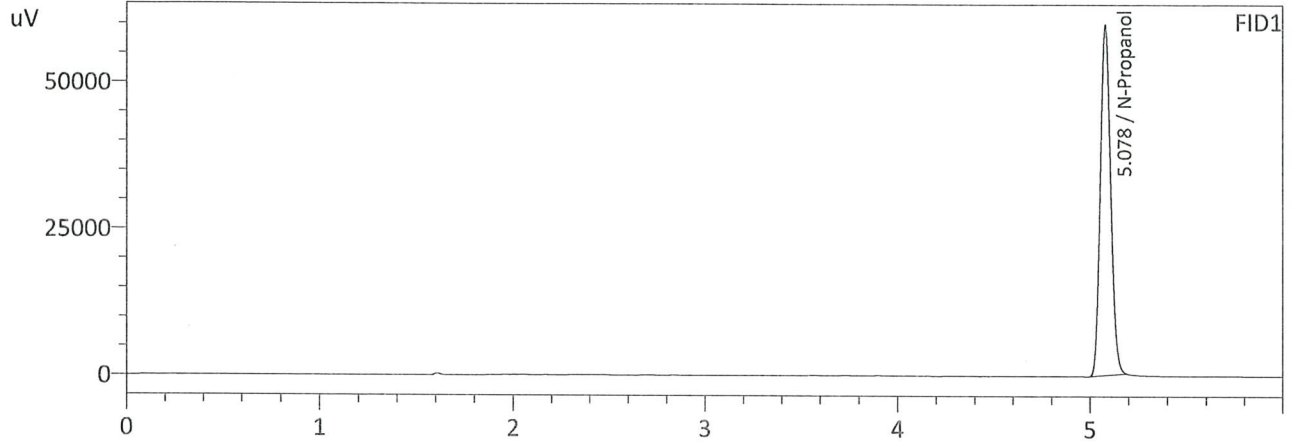
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | 1.0000 | 47458 | g/100cc |
| Ethanol | 0.1906 | 103042 | g/100cc |
| Isopropyl Alcohol | 1.0000 | 222064 | g/100cc |
| Acetone | 1.0000 | 561695 | g/100cc |
| N-Propanol | 0.0000 | 253340 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | 1.0000 | 49316 | g/100cc |
| Ethanol | 0.1895 | 105494 | g/100cc |
| Acetone | 1.0000 | 586130 | g/100cc |
| Isopropyl Alcohol | 1.0000 | 228126 | g/100cc |
| N-Propanol | 0.0000 | 255141 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 3:49:01 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

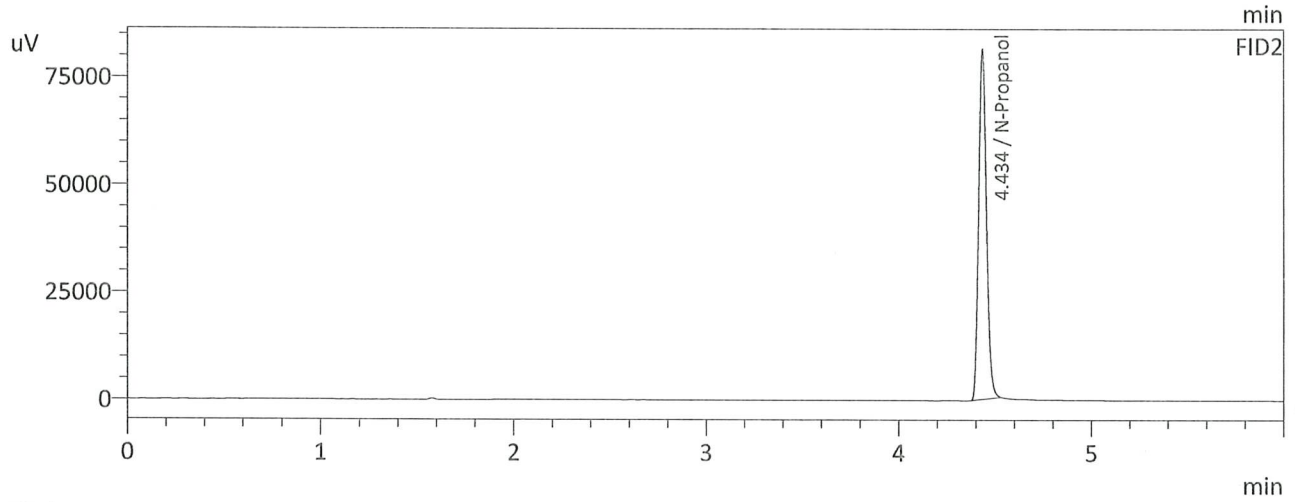
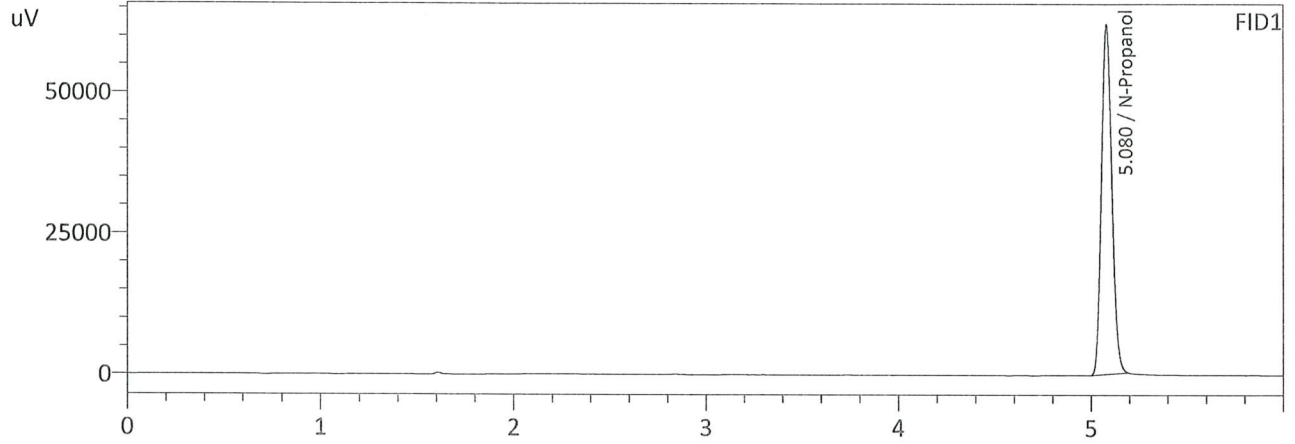
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 222998 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 223771 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 4:47:14 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

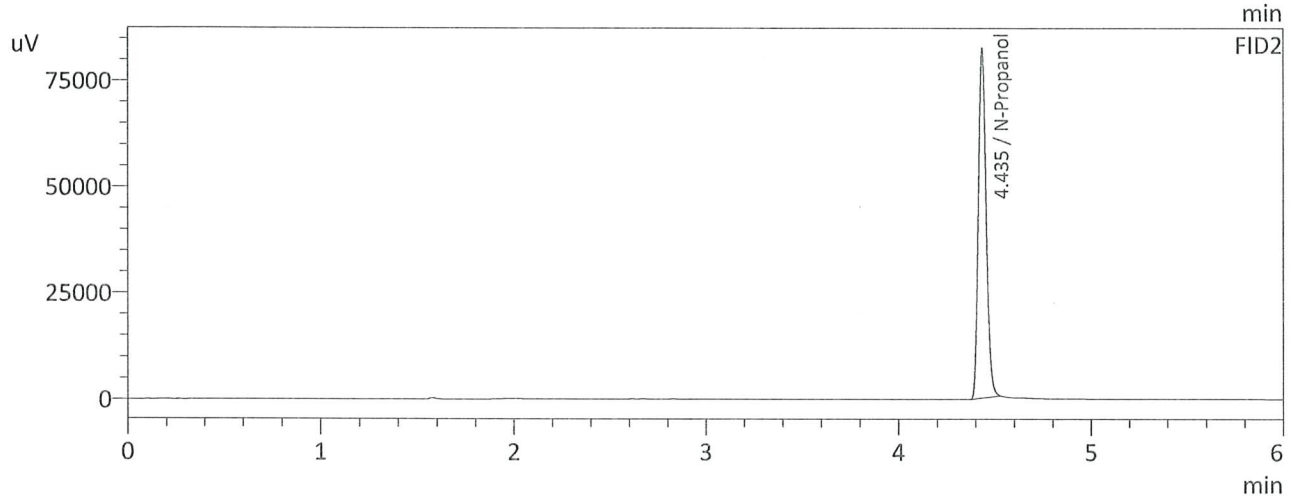
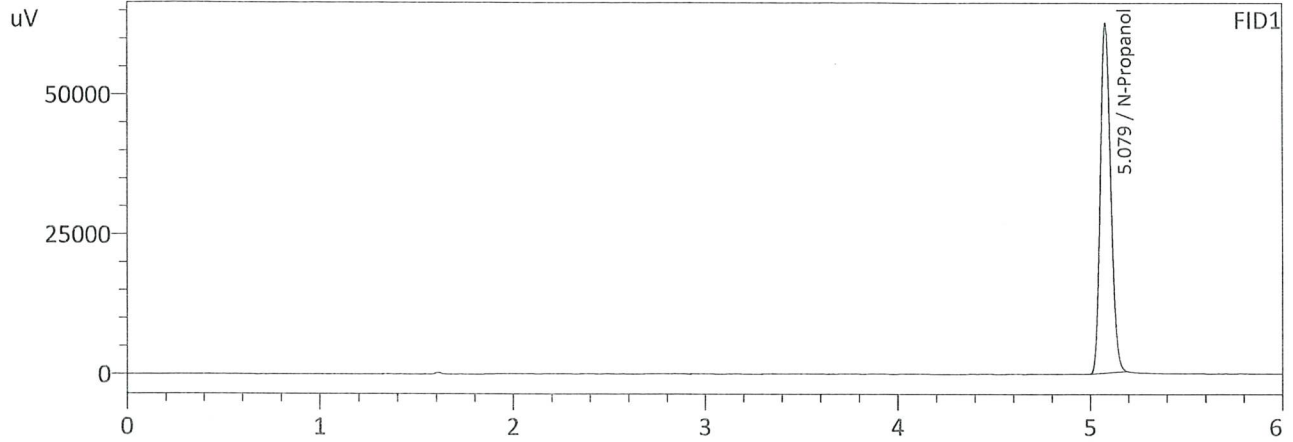
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 231340 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 231754 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/26/2024 5:06:38 PM
 Vial # : 9
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

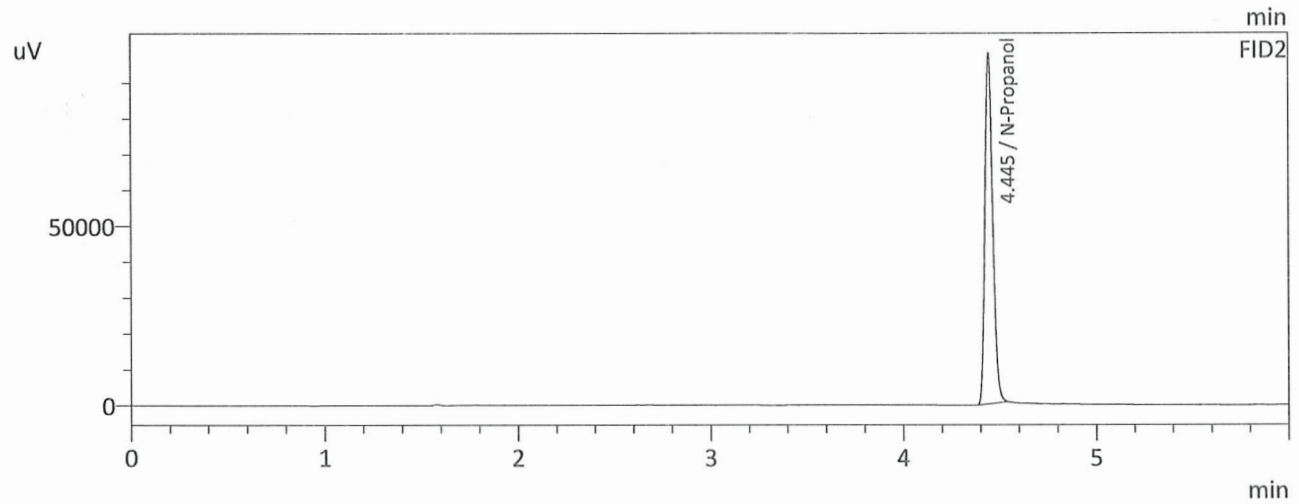
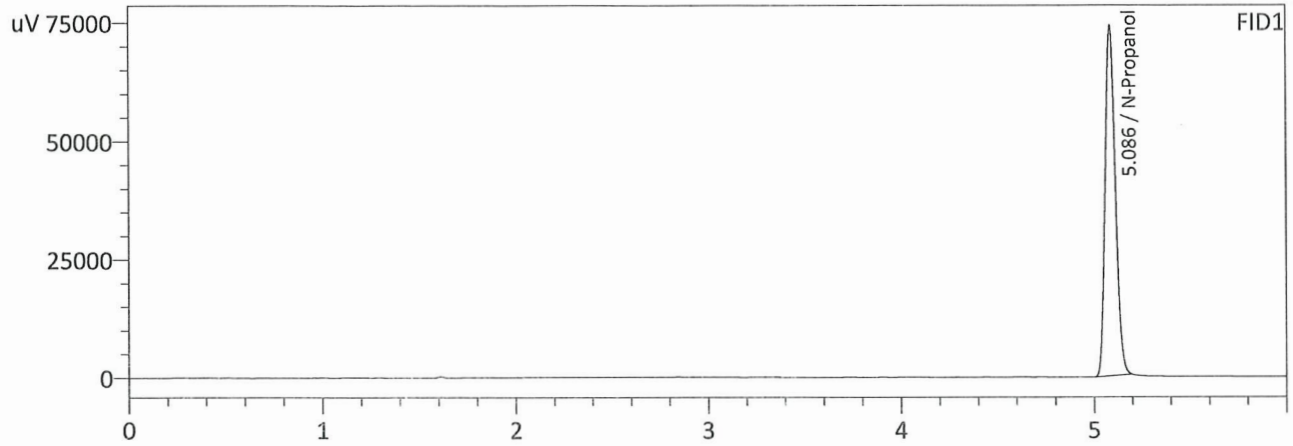
| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 233708 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|-----------------------|--------|--------|---------|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 234204 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : INT STD BLK 6
 Laboratory : Coeur d' Alene Lab
 Injection Date : 8/27/2024 1:20:26 AM
 Vial # : 60
 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 | 276466 | 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 | 277613 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |