

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 04/10/2023 SEQUENCE NAME 10Apr23

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99994  
 Vial 3 0.20 calibrator Lot FN02052101  
 Vial 4 0.40 calibrator Lot FN03052102


**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/10
51	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 30012020-A
52	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
53	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/10
54	Blank	Not detected	Not detected	SPD lab 031623AQ

**SUBJECT SAMPLES**

Subjects in the sequence 10 Subjects requiring reanalysis 0

**ADDITIONAL NOTES:** All testing proceeded as expected. This batch also includes the verification of eight reference standards.

Run valid   
 Run invalid   
  
 Analyst

Run valid   
 Run invalid   
  
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

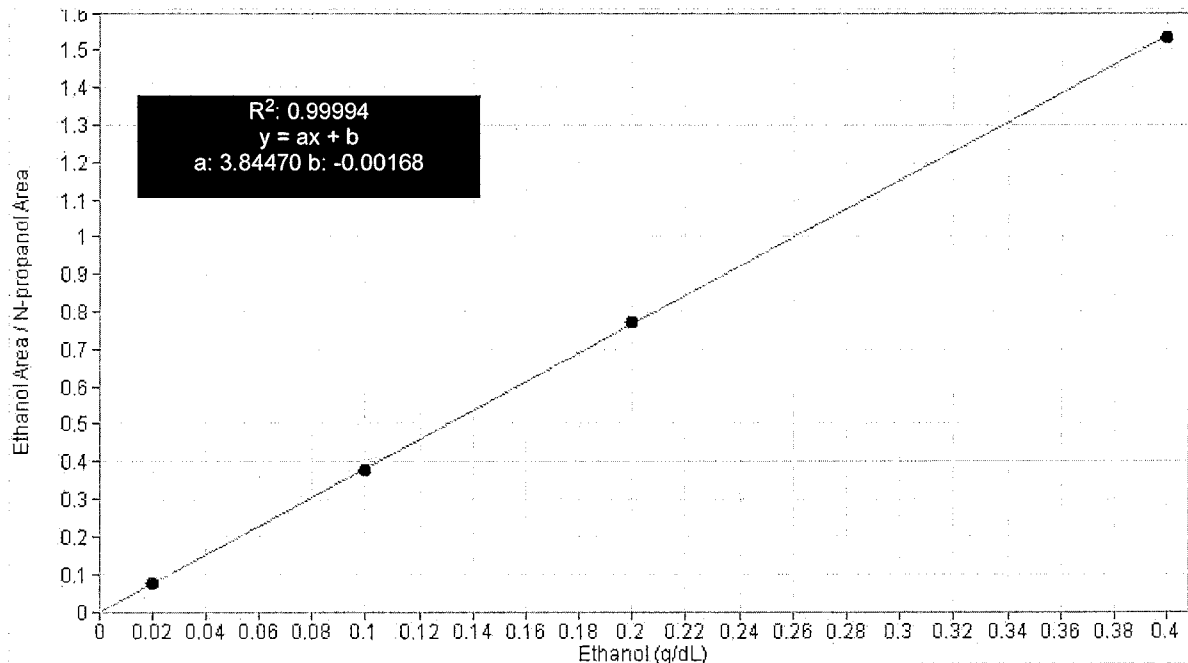
SEQUENCE NAME: 10Apr23

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/10	9	0.203	0.199	2.01	0.004
0.080 20012020-B	20	0.079	0.080	1.25	-0.001
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.199 4110320133/10	42	0.202	0.199	1.51	0.003
0.400 30012020-A	51	0.405	0.400	1.25	0.005
0.040 14082019-B	52	0.041	0.040	2.50	0.001
0.199 4110320133/10	53	0.205	0.199	3.02	0.006
blank 031623AQ	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.161	161.438	0.075
0.100	60.108	158.879	0.378
0.200	121.876	157.514	0.774
0.400	243.341	158.624	1.534

## Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051909	Vial:	1
Description:	0.020 calibrator	Sequence:	10Apr23
Method:	ethanol quant.M	Injection date:	4/10/2023 3:27:41 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DA</i>
Data file:	C:\Chem32\1\Data\10Apr23\1.D		

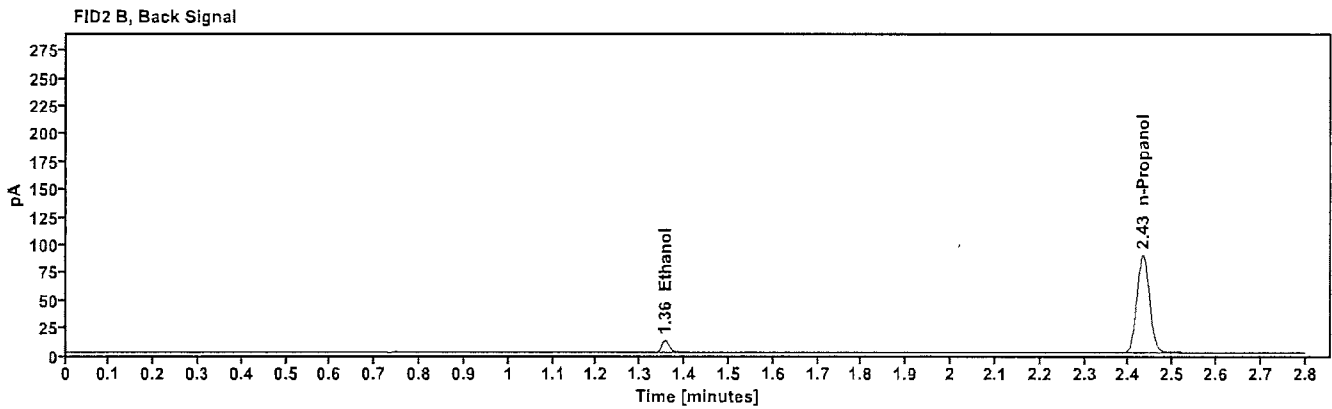
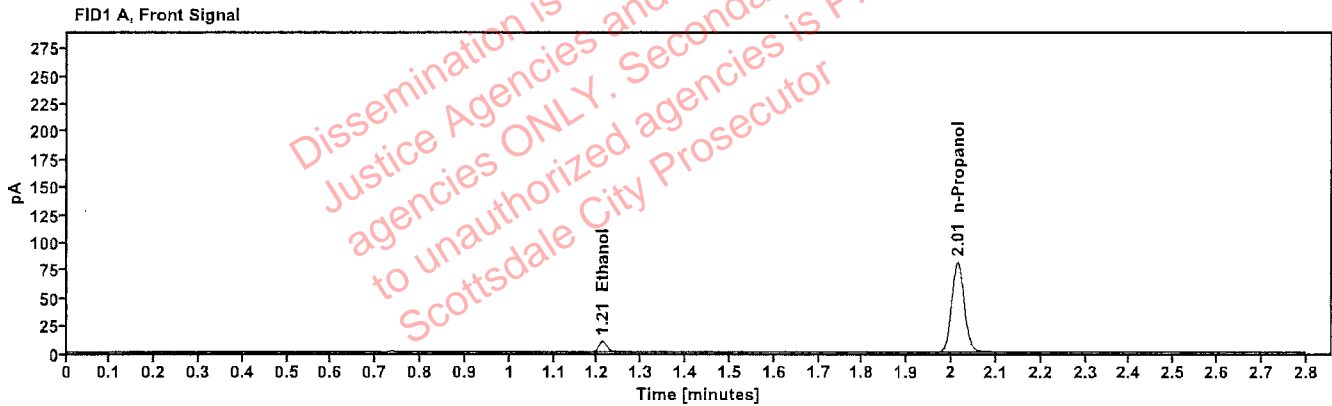


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	12.161
n-Propanol	2.013	161.438

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	13.180
n-Propanol	2.432	175.876

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 10Apr23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 4/10/2023 3:31:41 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\2.D	

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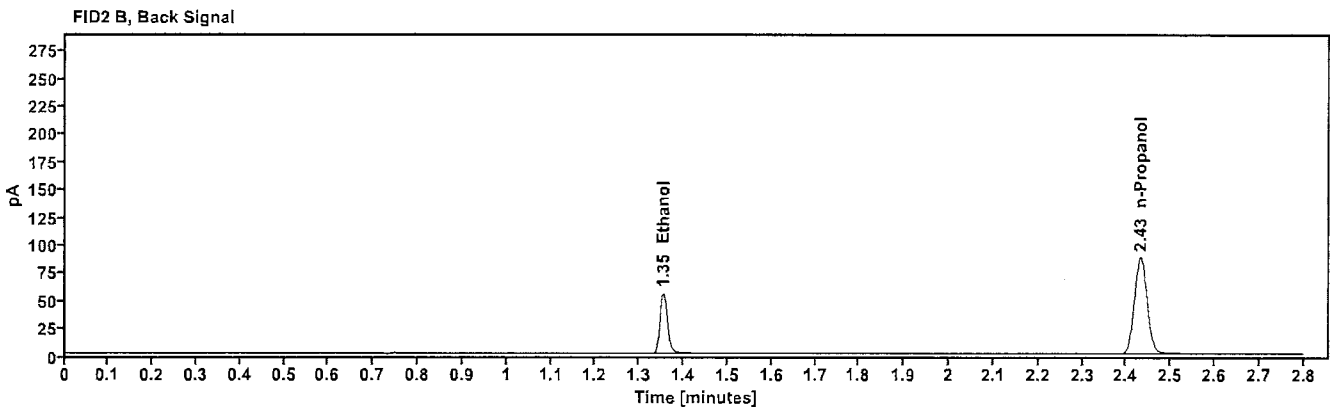
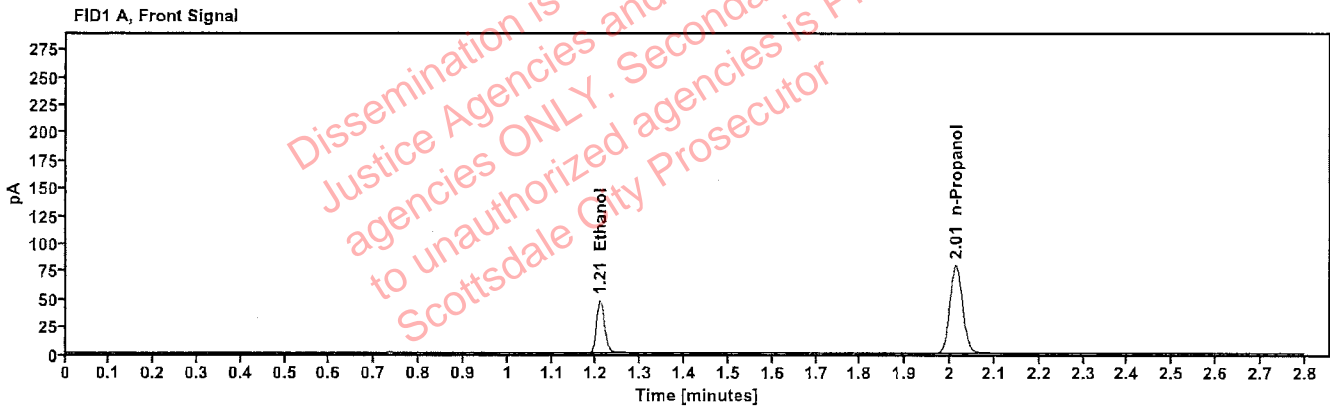


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	60.108
n-Propanol	2.013	158.879

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	65.606
n-Propanol	2.432	172.946

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02052101	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 10Apr23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 4/10/2023 3:35:40 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\3.D	

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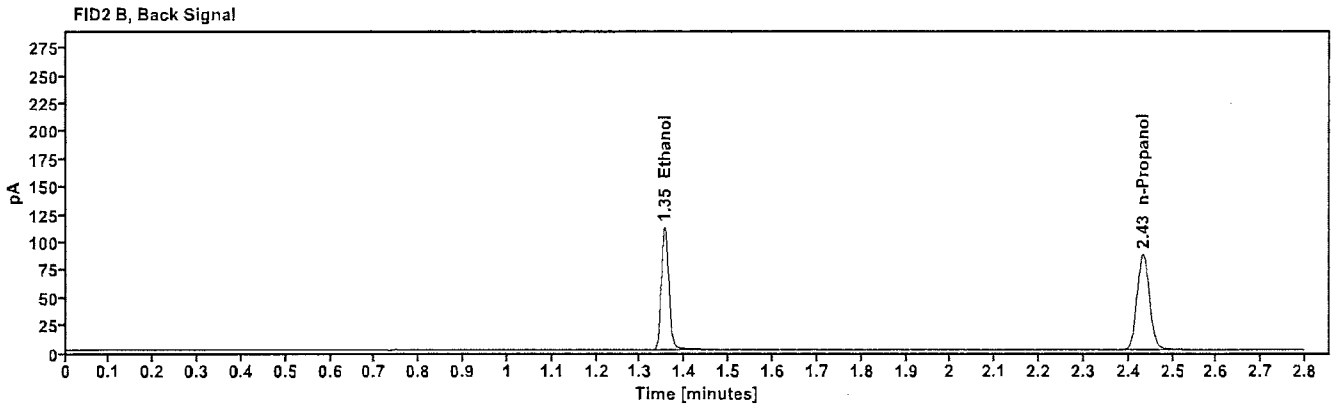
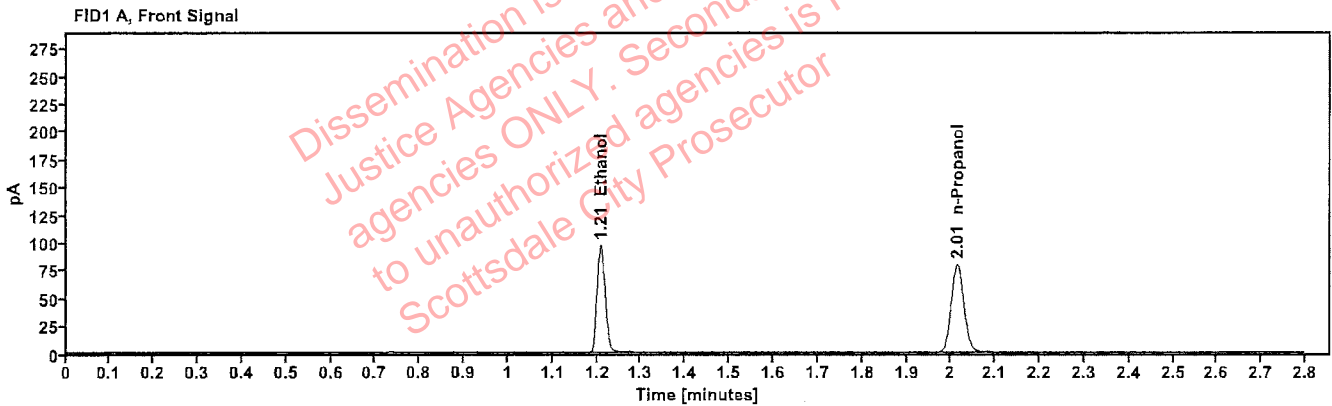


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	121.876
n-Propanol	2.014	157.514

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	133.344
n-Propanol	2.433	171.309

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 10Apr23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 4/10/2023 3:39:41 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\4.D	

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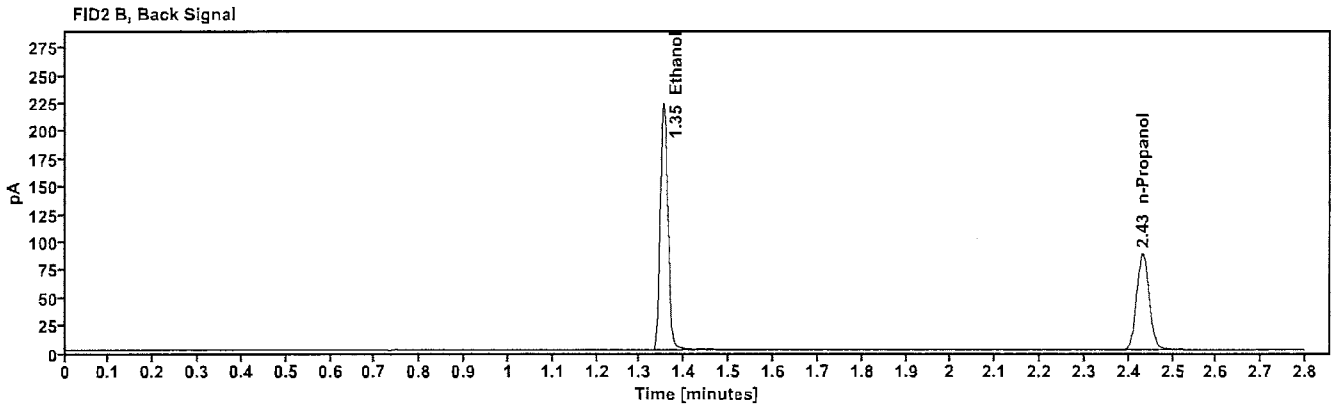
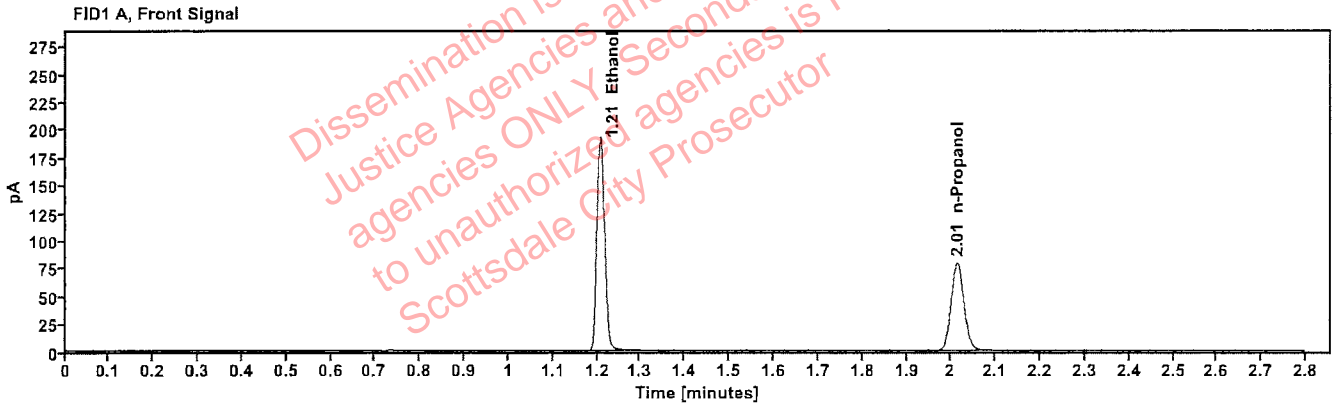


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	243.341
n-Propanol	2.013	158.624

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	267.401
n-Propanol	2.432	172.488

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 011823WB	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 3:43:40 PM
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\5.D	<b>Analyst:</b> Abbott <i>AB</i>

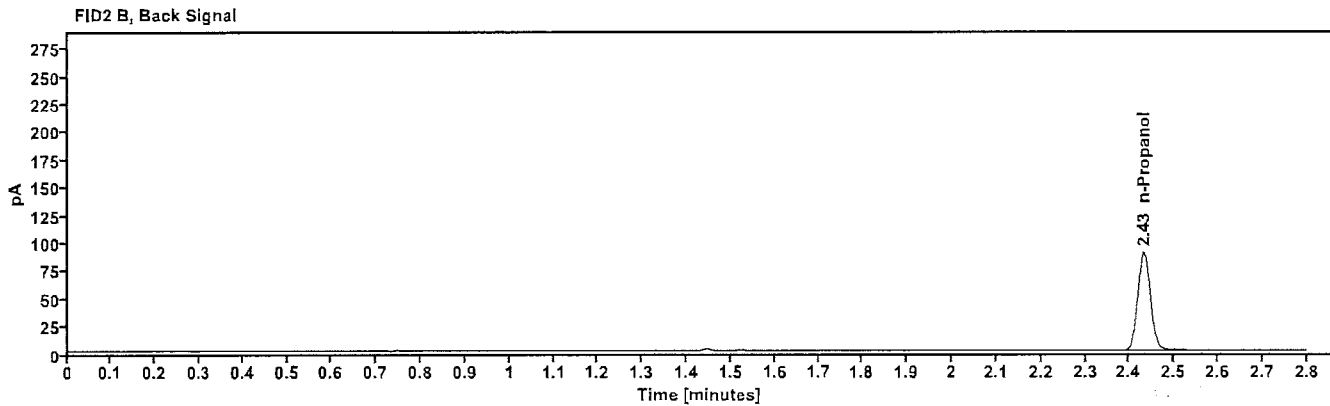
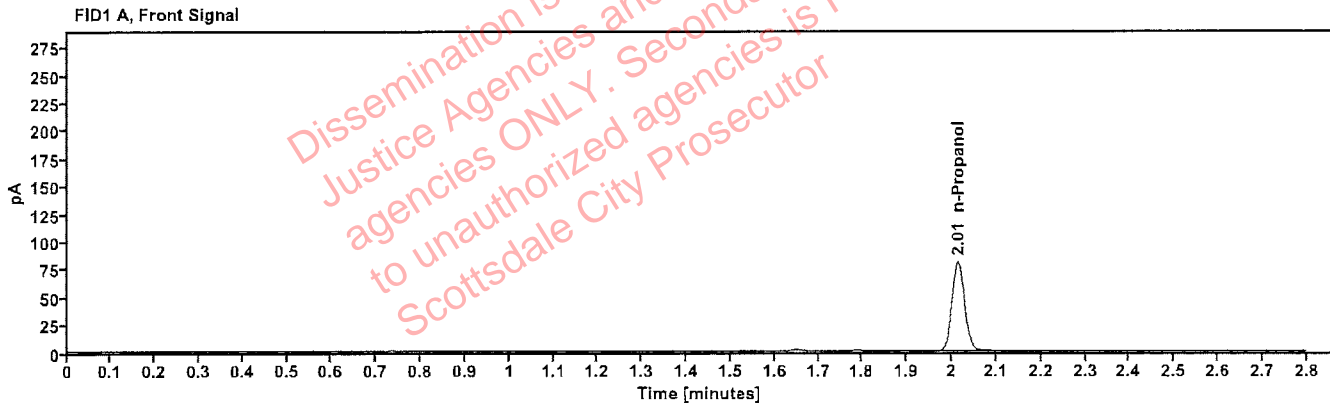


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	160.568

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.433	174.999

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 3:47:40 PM
Data file: C:\Chem32\1\Data\10Apr23\6.D	Analyst: Abbott

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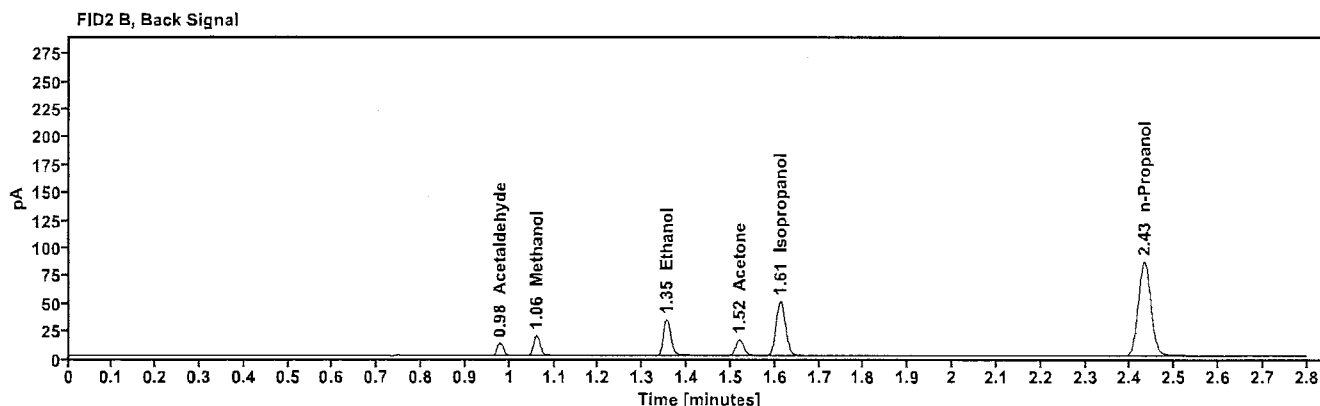
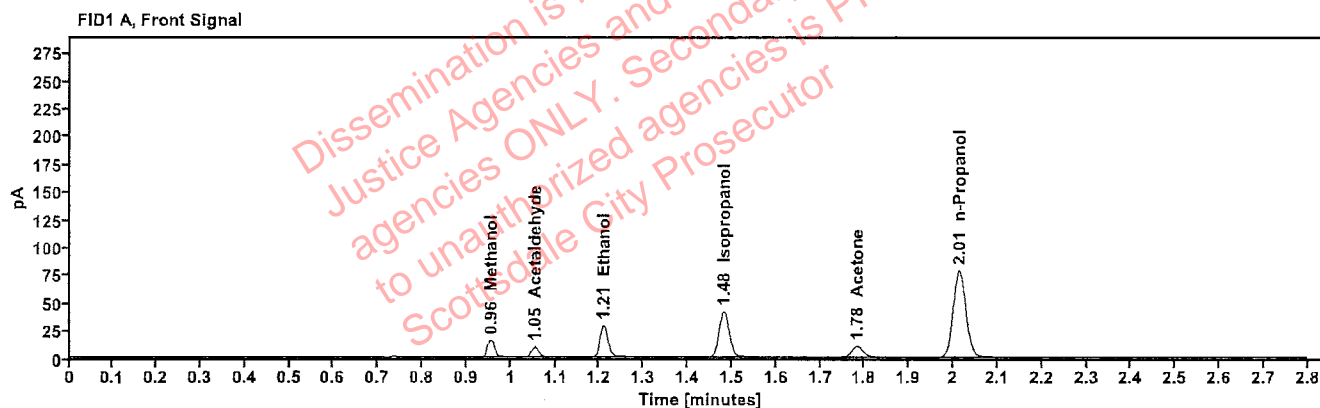


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	17.175
Acetaldehyde	-----	1.054	9.927
>Ethanol	0.0608	1.209	36.221
Isopropanol	-----	1.482	65.890
Acetone	-----	1.783	16.990
n-Propanol	-----	2.013	156.043

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	11.145
Methanol	1.060	18.945
Ethanol	1.354	39.371
Acetone	1.519	18.608
Isopropanol	1.612	72.857
n-Propanol	2.432	169.785



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 3:51:55 PM
Data file: C:\Chem32\1\Data\10Apr23\7.D	Analyst: Abbott <span style="float: right;"><i>JA</i></span>

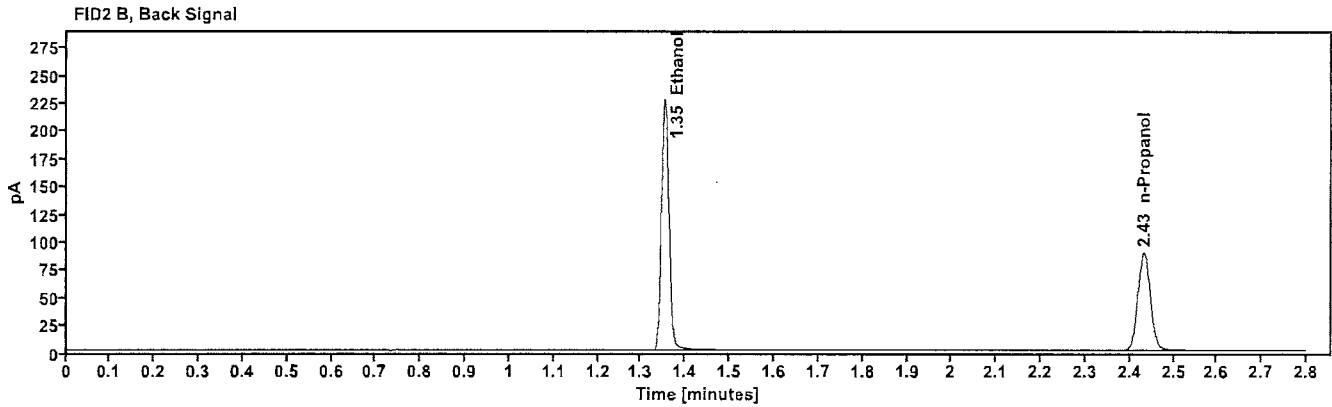
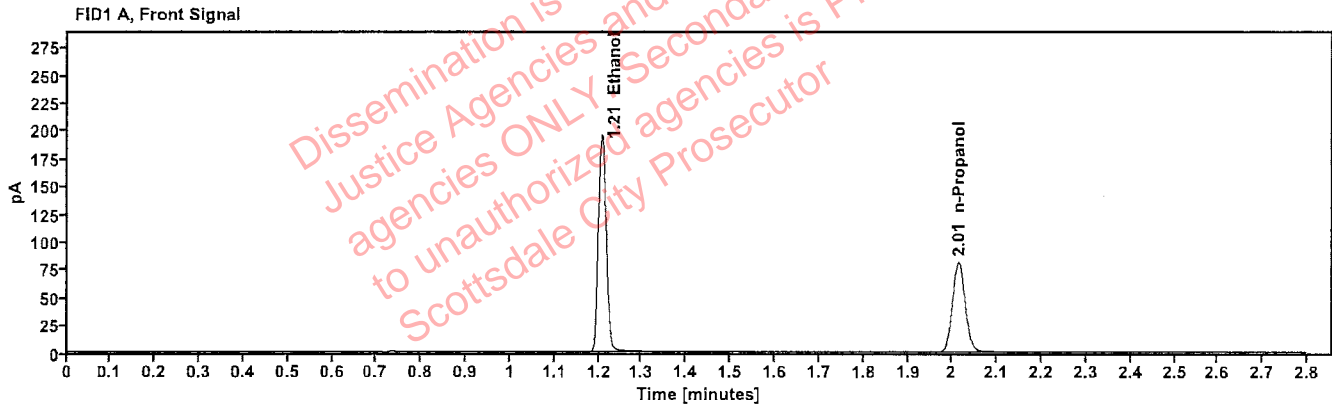


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3999	1.207	247.704
n-Propanol	-----	2.014	161.280

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	272.324
n-Propanol	2.432	175.386

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 3:55:55 PM
Data file: C:\Chem32\1\Data\10Apr23\8.D	Analyst: Abbott <i>JA</i>

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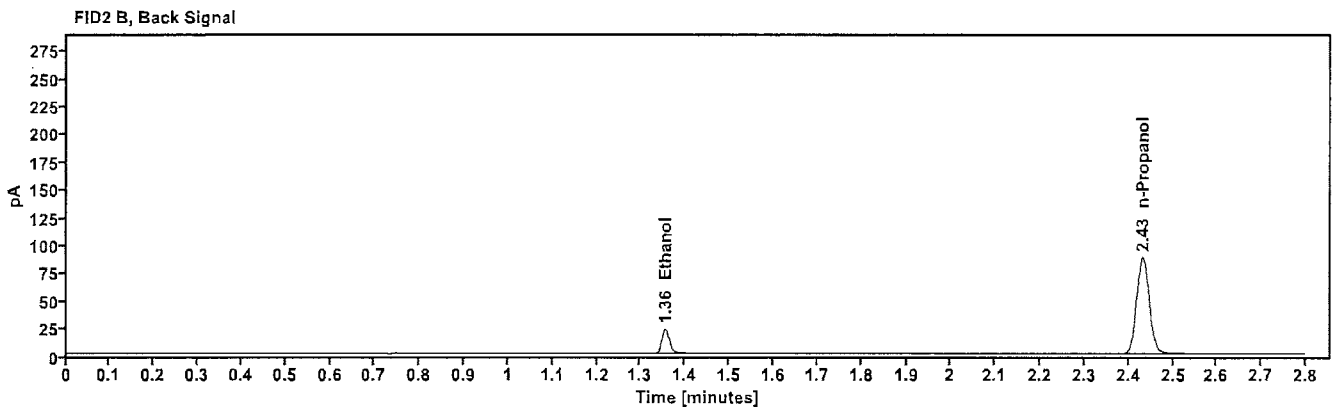
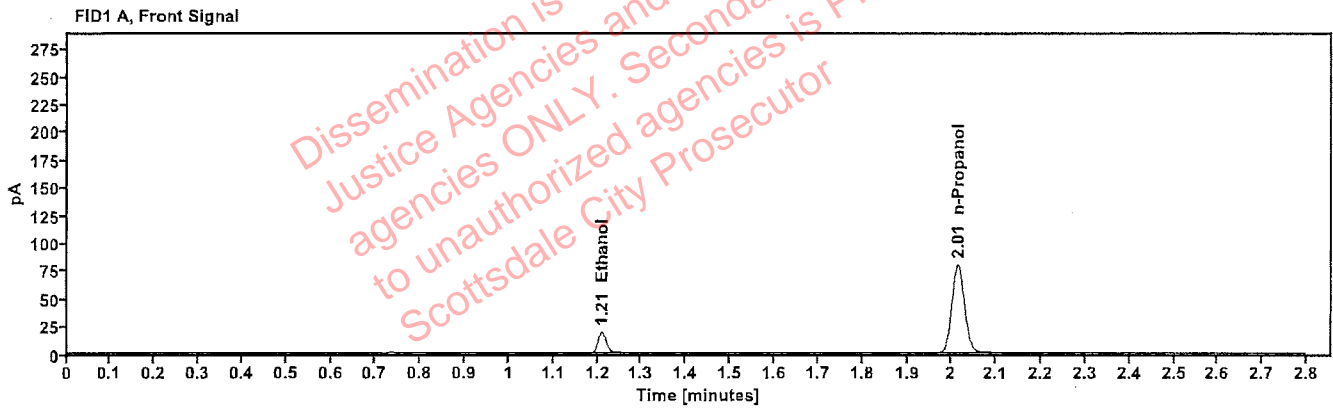


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0403	1.210	24.385
n-Propanol	-----	2.014	159.072

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	26.586
n-Propanol	2.432	173.110

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/10	<b>Vial:</b> 9
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 3:59:56 PM
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\9.D	<b>Analyst:</b> Abbott <i>oh</i>

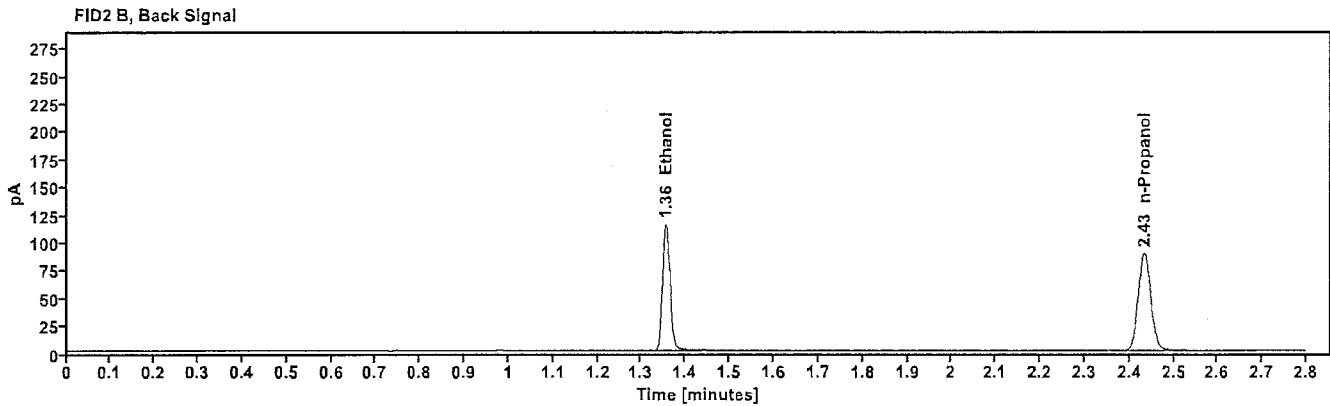
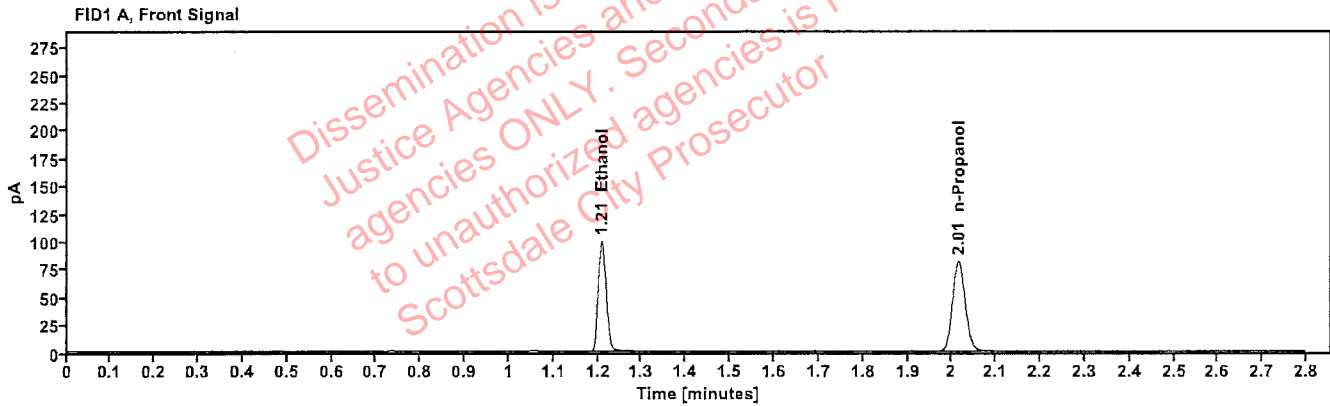


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.209	125.925
n-Propanol	---	2.015	161.487

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	137.759
n-Propanol	2.434	175.540

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 20
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 4:44:25 PM
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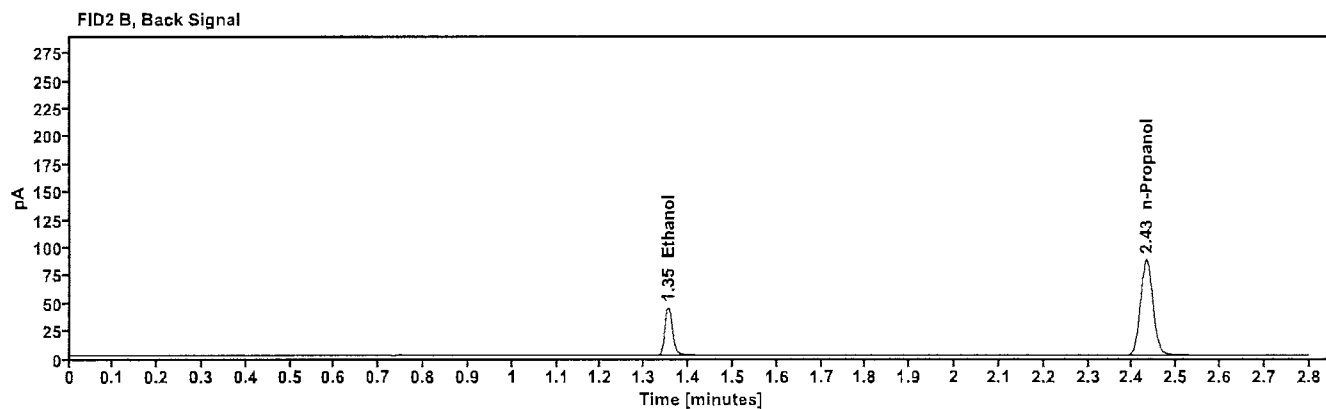
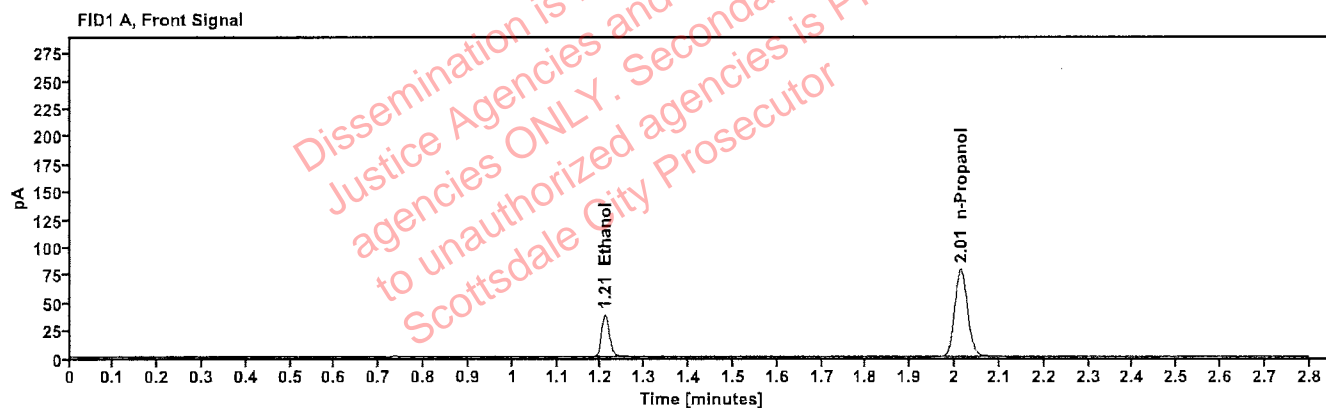


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0798	1.209	48.263
n-Propanol	-----	2.013	158.183

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	52.554
n-Propanol	2.432	171.966

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 31
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 5:28:55 PM
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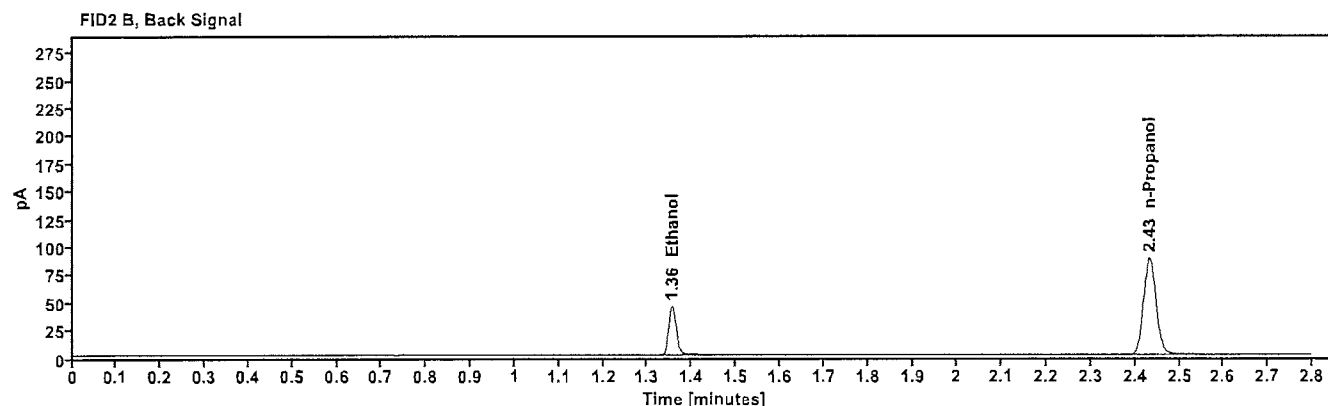
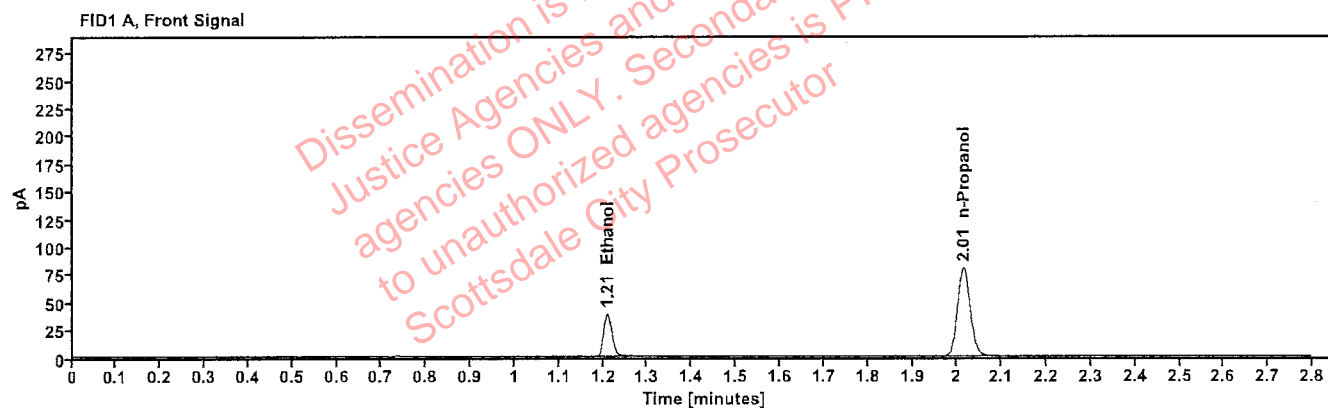


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.209	48.969
n-Propanol	-----	2.014	159.198

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	53.224
n-Propanol	2.433	173.071

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:13:10 PM
Data file:	C:\Chem32\1\Data\10Apr23\42.D	Analyst:	Abbott <i>JA</i>

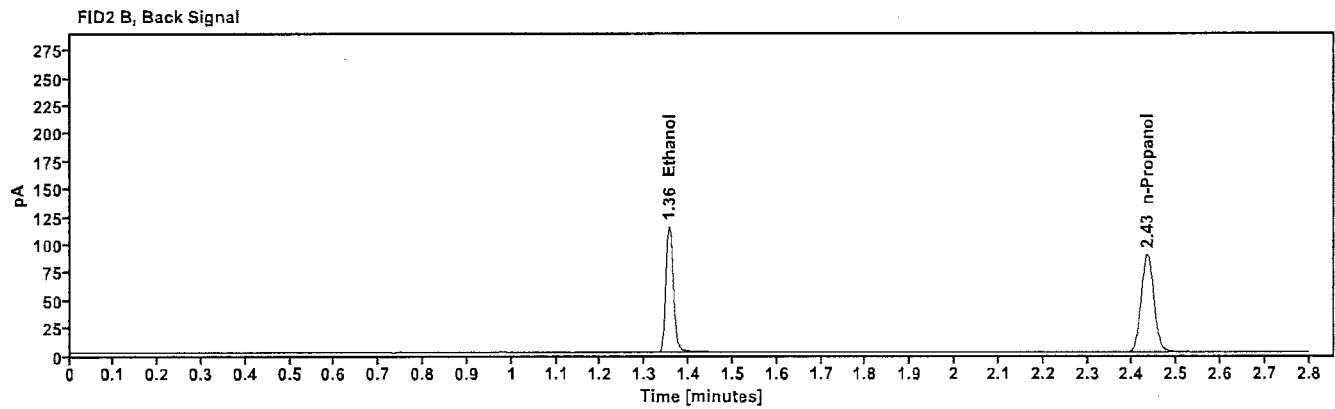
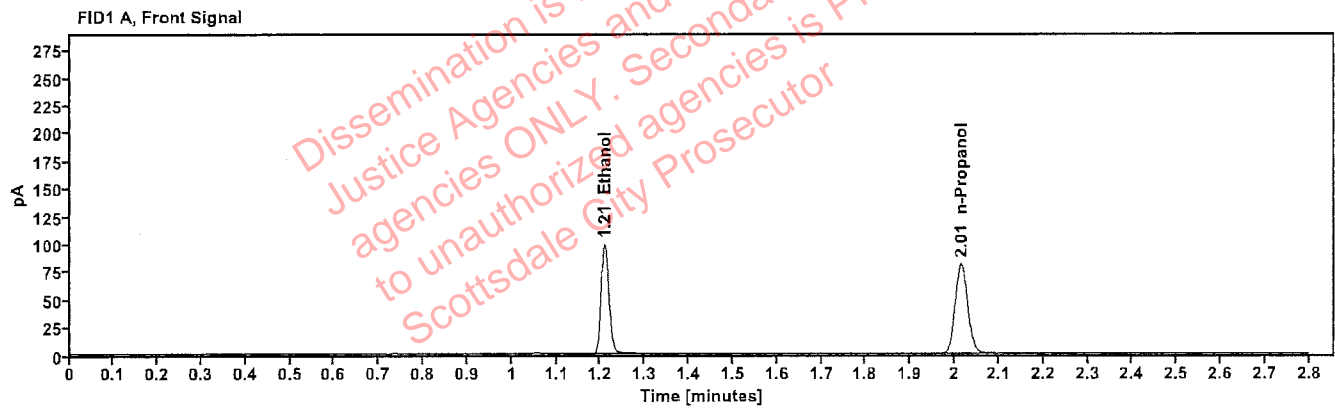


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2024	1.209	125.151
n-Propanol	-----	2.014	161.151

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	136.835
n-Propanol	2.434	175.245

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 30012020-A	<b>Vial:</b> 51
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 6:49:40 PM
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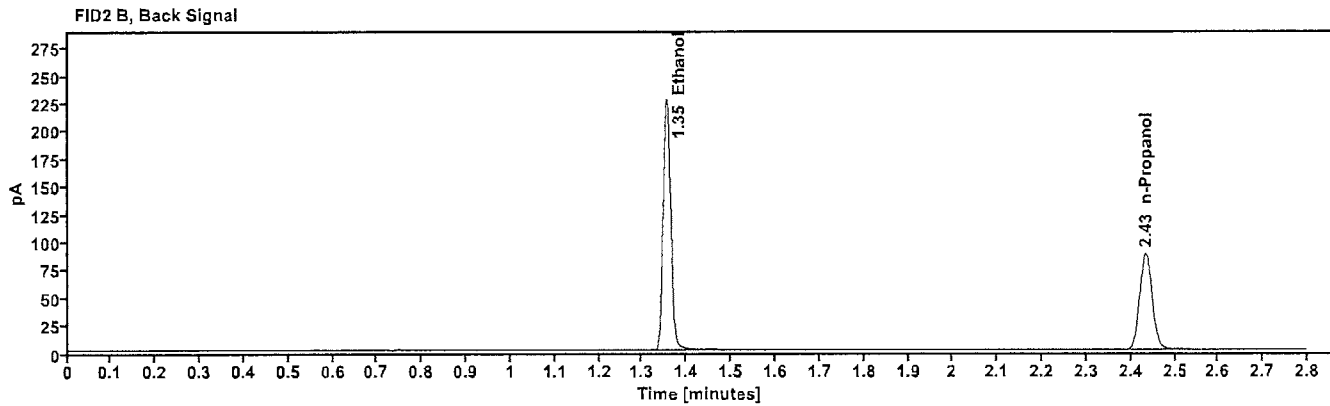
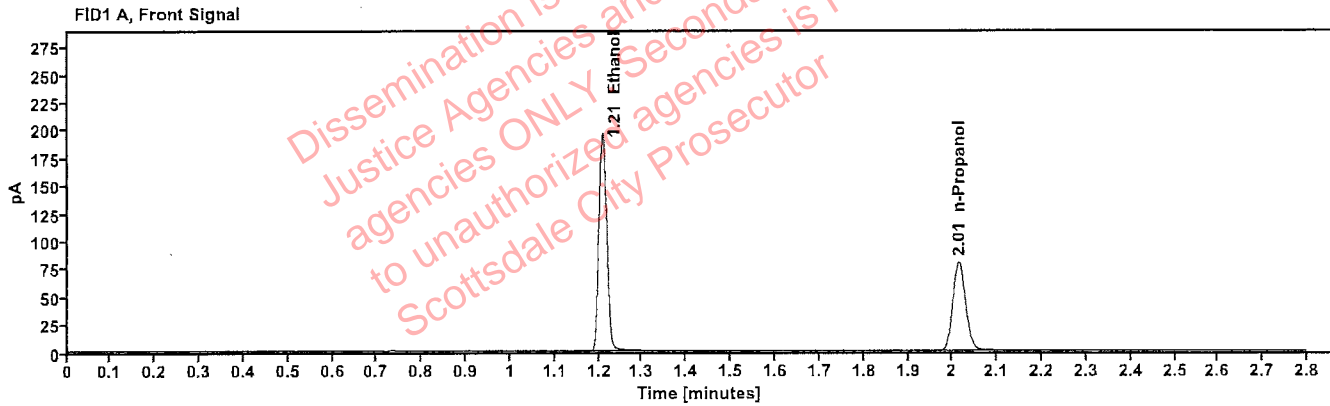


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4058	1.208	247.832
n-Propanol	----	2.014	159.014

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	272.206
n-Propanol	2.433	173.002

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 52
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 6:53:40 PM
Data file: C:\Chem32\1\Data\10Apr23\52.D	Analyst: Abbott <i>JA</i>

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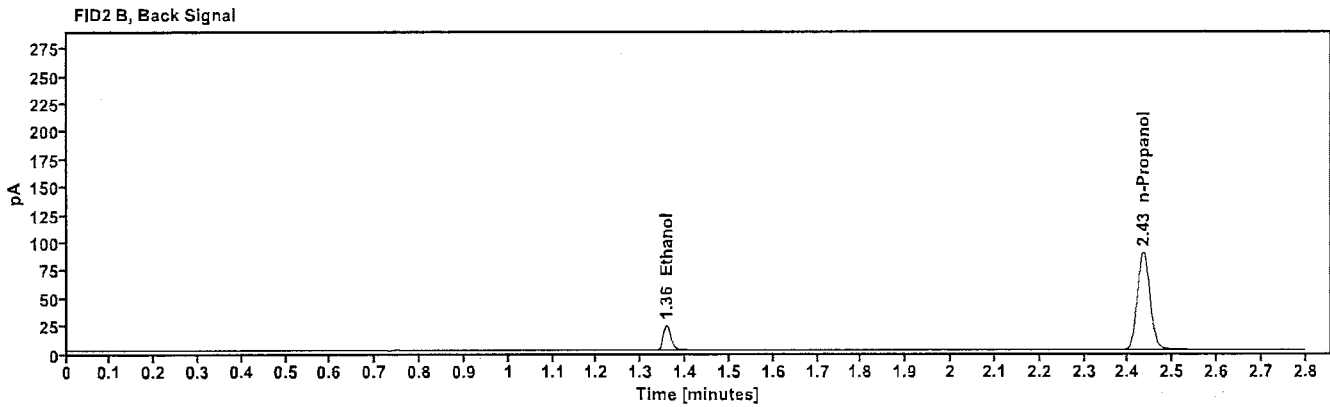
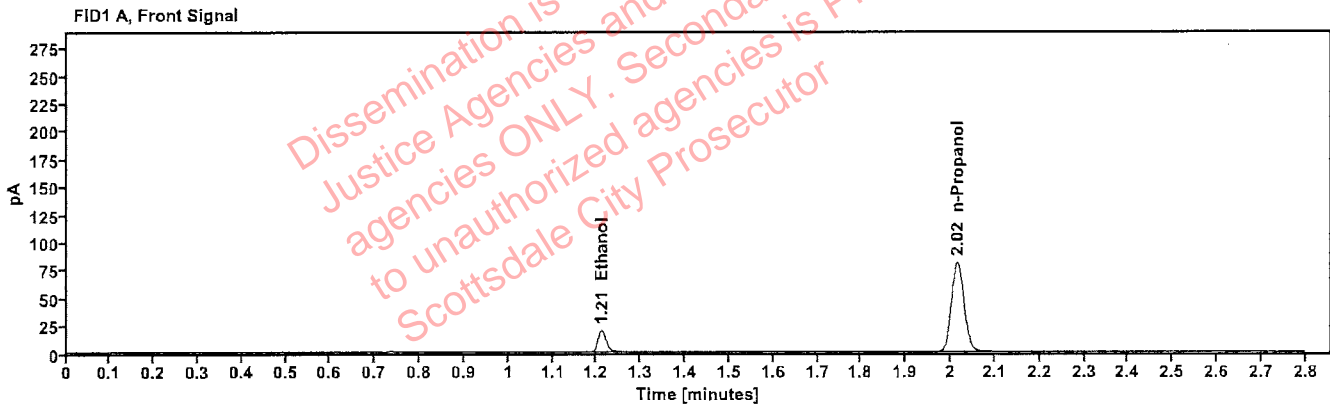


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	25.127
n-Propanol	-----	2.015	161.238

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	27.381
n-Propanol	2.434	175.546



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/10	<b>Vial:</b> 53
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 6:57:40 PM
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\53.D	<b>Analyst:</b> Abbott

*JA*

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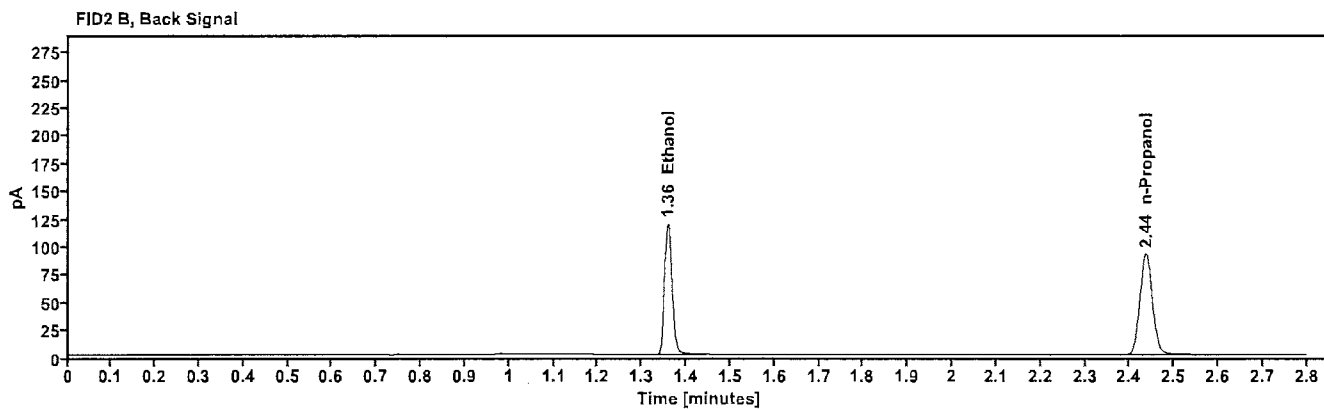
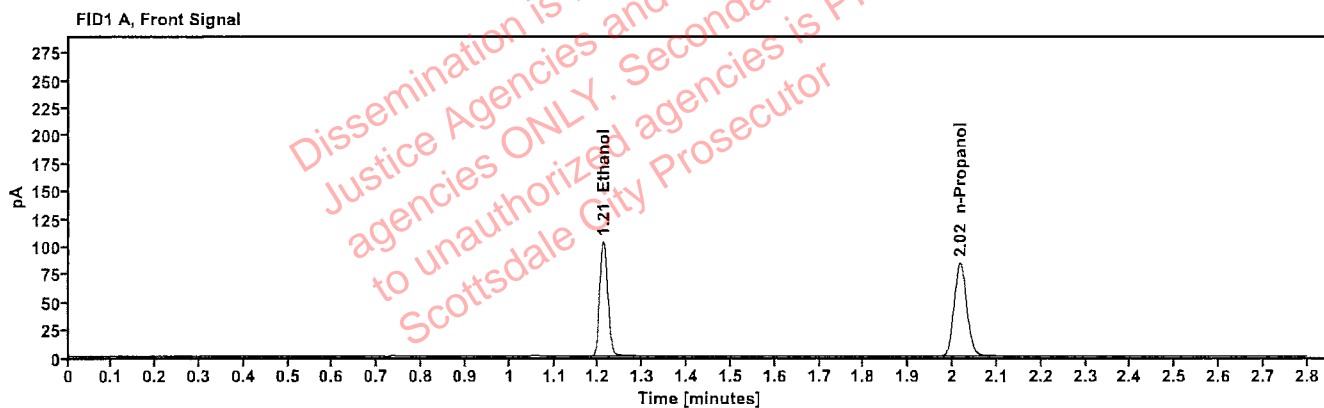


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2054	1.210	131.621
n-Propanol	---	2.016	166.994

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	143.919
n-Propanol	2.436	181.553

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 031623AQ	<b>Vial:</b> 54
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 7:01:40 PM
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\54.D	<b>Analyst:</b> Abbott <span style="float: right;"><i>JA</i></span>

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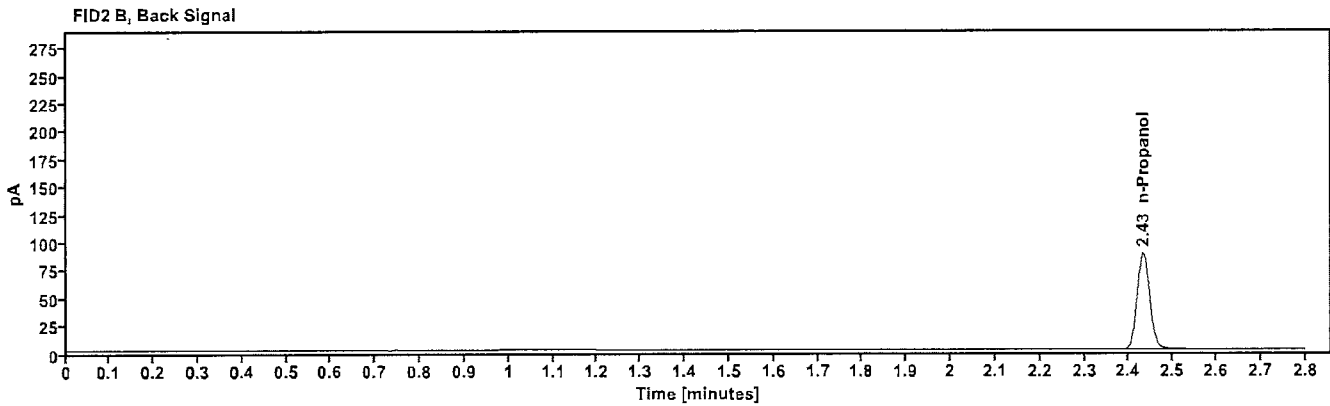
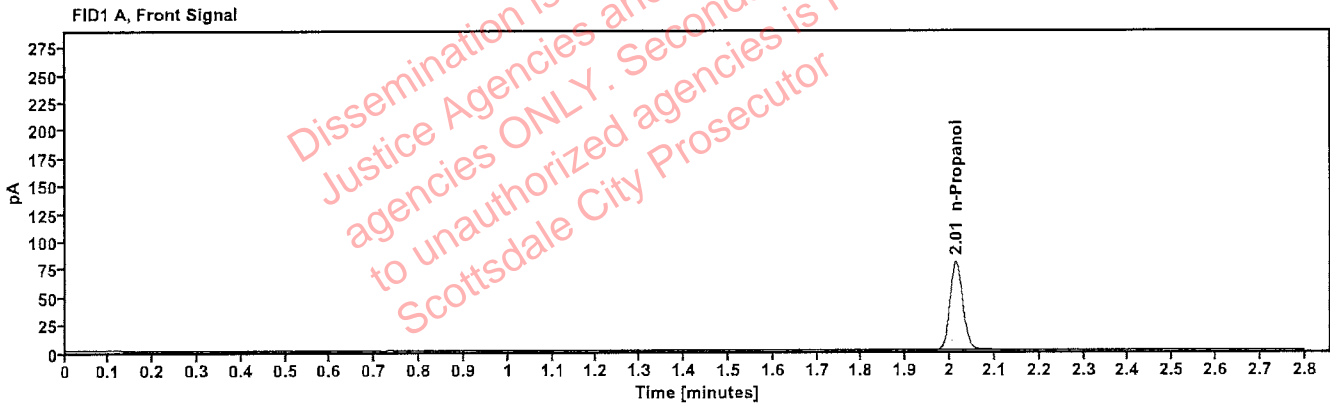


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.014	159.267

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.432	173.429

# Sequence Summary

Sequence name: 10Apr23      Instrument: US14173023 CN14160045      Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/10	0.199	Control		ethanol quant.M
10	1436488	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
11	1436488	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
12	2306772-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
13	2306772-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
14	2306862-3	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
15	2306862-3	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
16	2306858-3	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
17	2306858-3	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
18	2306875-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
19	2306875-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2306964-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
22	2306964-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
23	2307025-1	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
24	2307025-1	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
25	1437404	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
26	1437404	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
27	2307348-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
28	2307348-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
29	2305922-1	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
30	2305922-1	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	FN06171903	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
33	FN06171903	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
34	FN07022010	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
35	FN07022010	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
36	FN06112149	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
37	FN06112149	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
38	13092018-A	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
39	13092018-A	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
40	30102019-A	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
41	30102019-A	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
42	4110320133/10	0.199	Control		ethanol quant.M
43	4110321052/7	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
44	4110321052/7	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
45	4100620181/7	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
46	4100620181/7	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
47	4110320133/11	[REDACTED]	Sample	[REDACTED]	ethanol quant.M

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# [REDACTED] LA 44123

# Sequence Summary

48	4110320133/11		Sample		ethanol quant.M
49	4101119254/10		Sample		ethanol quant.M
50	4101119254/10		Sample		ethanol quant.M
51	30012020-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4110320133/10	0.199	Control		ethanol quant.M
54	031623AQ	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 10Apr23

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1034	0.1019	0.10265	0.73	0.00075
12 13	0.0695	0.0702	0.06985	0.50	0.00035
14 15	0.0581	0.0601	0.05910	1.69	0.00100
16 17	0.2317	0.2317	0.23170	0.00	0.00000
18 19	0.2275	0.2238	0.22565	0.82	0.00185
21 22	0.2235	0.2196	0.22155	0.88	0.00195
23 24	0.1352	0.1368	0.13600	0.59	0.00080
25 26	0.1392	0.1403	0.13975	0.39	0.00055
27 28	0.1740	0.1726	0.17330	0.40	0.00070
29 30	0.1858	0.1865	0.18615	0.19	0.00035
32 33	0.0504	0.0496	0.05000	0.80	0.00040
34 35	0.1013	0.1017	0.10150	0.20	0.00020
36 37	0.3022	0.3015	0.30185	0.12	0.00035
38 39	0.0105	0.0103	0.01040	0.96	0.00010
40 41	0.1999	0.1995	0.19970	0.10	0.00020
43 44	0.0519	0.0515	0.05170	0.39	0.00020
45 46	0.1130	0.1124	0.11270	0.27	0.00030
47 48	0.2039	0.2037	0.20380	0.05	0.00010
49 50	0.3069	0.3094	0.30815	0.41	0.00125

\*Calculated differences are differences from the mean of the two results.



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1436488	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:03:55 PM
Data file:	C:\Chem32\1\Data\10Apr23\10.D	Analyst:	Abbott

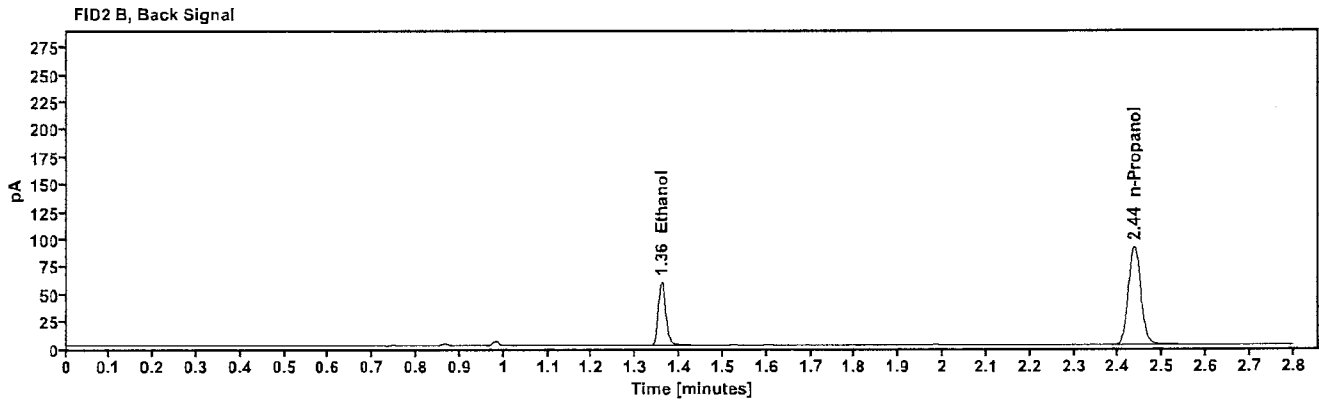
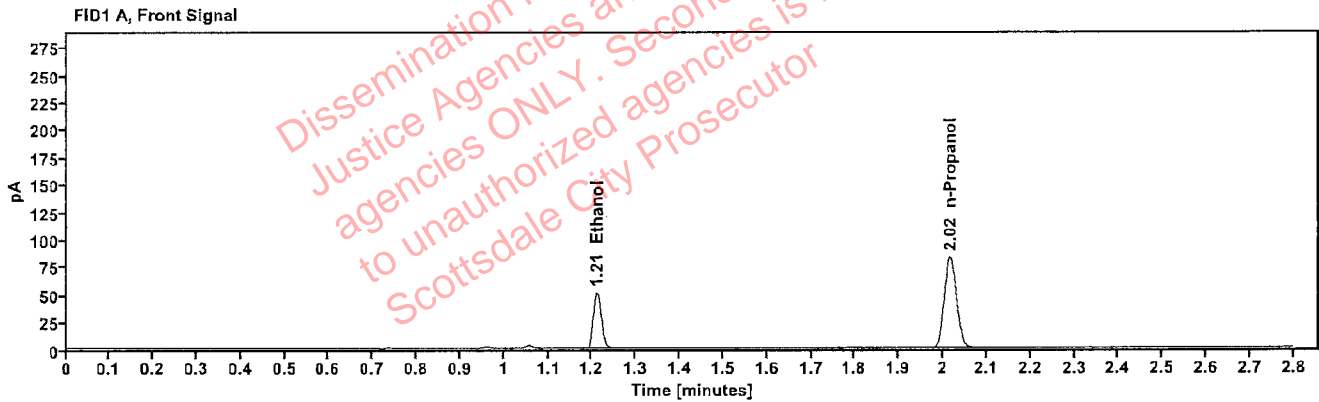


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1034	1.211	65.252
n-Propanol	-----	2.016	164.799

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	71.236
n-Propanol	2.436	179.272

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1436488	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:07:55 PM
Data file:	C:\Chem32\1\Data\10Apr23\11.D	Analyst:	Abbott

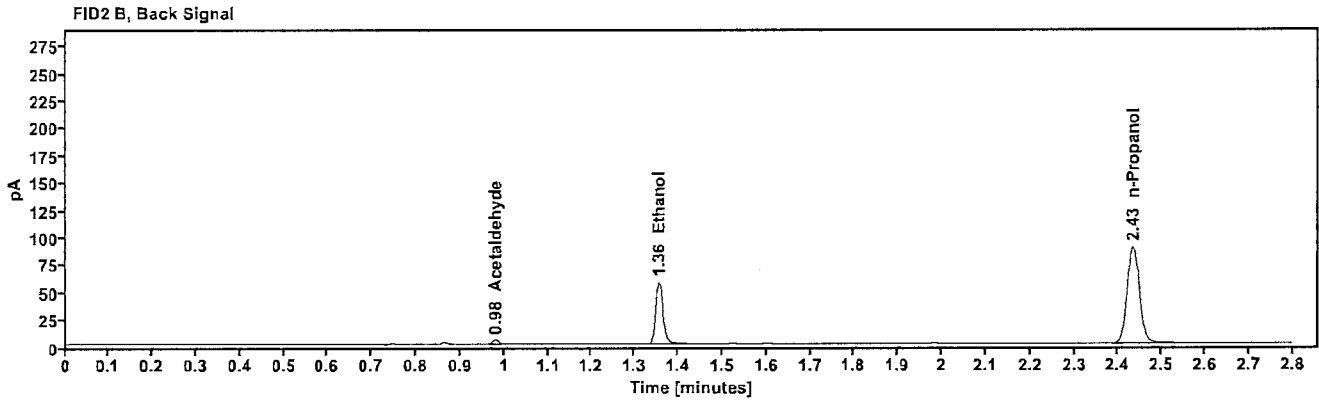
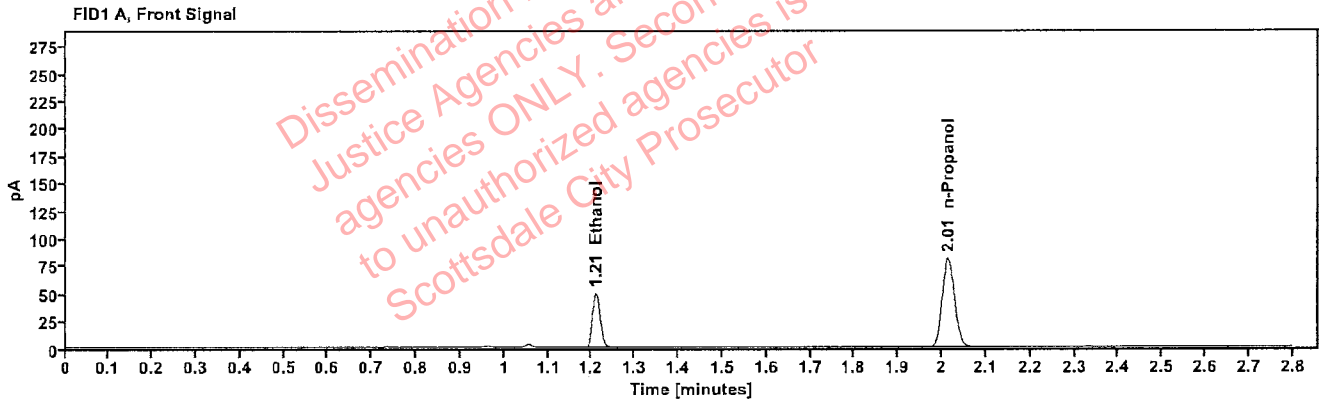


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1019	1.210	62.813
n-Propanol	-----	2.015	161.054

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.980	3.824
Ethanol	1.356	68.407
n-Propanol	2.434	175.294



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306772-2	Vial:	12
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:11:56 PM
Data file:	C:\Chem32\1\Data\10Apr23\12.D	Analyst:	Abbott

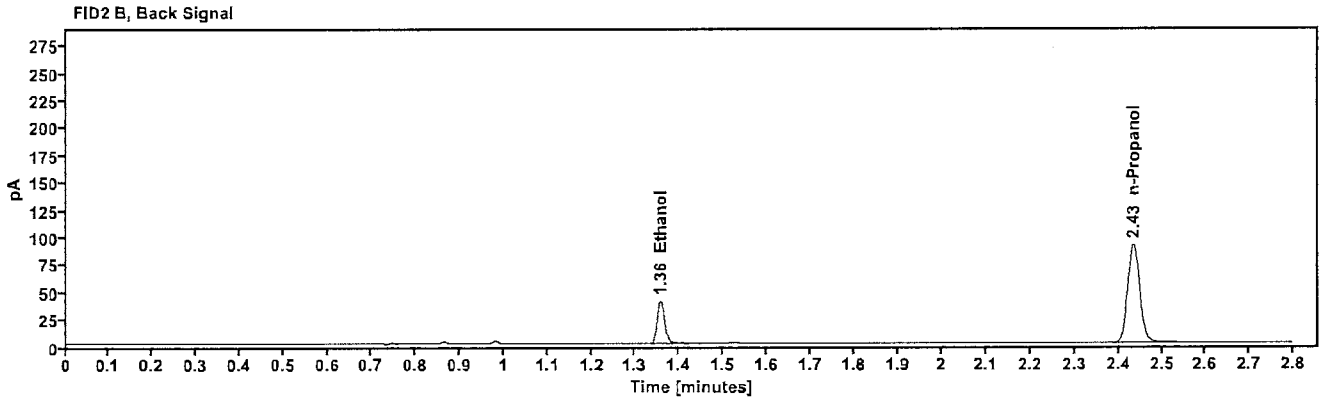
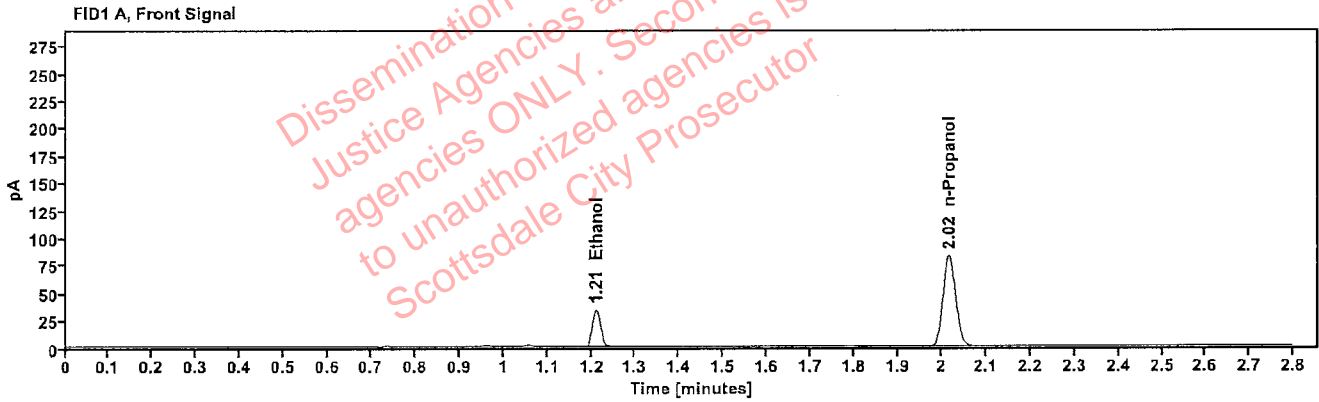


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0695	1.211	43.721
n-Propanol	-----	2.015	164.623

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	47.536
n-Propanol	2.435	178.991

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306772-2	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:16:10 PM
Data file:	C:\Chem32\1\Data\10Apr23\13.D	Analyst:	Abbott

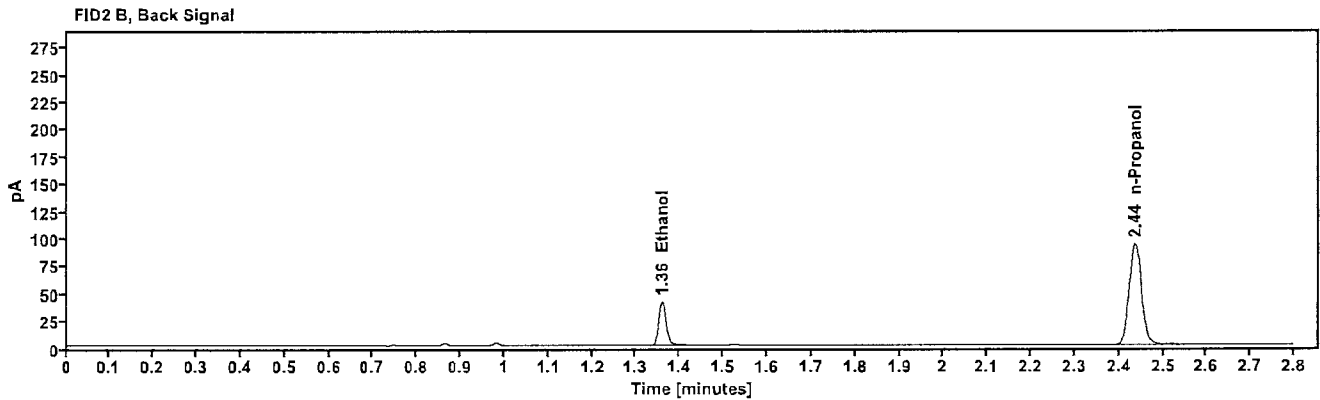
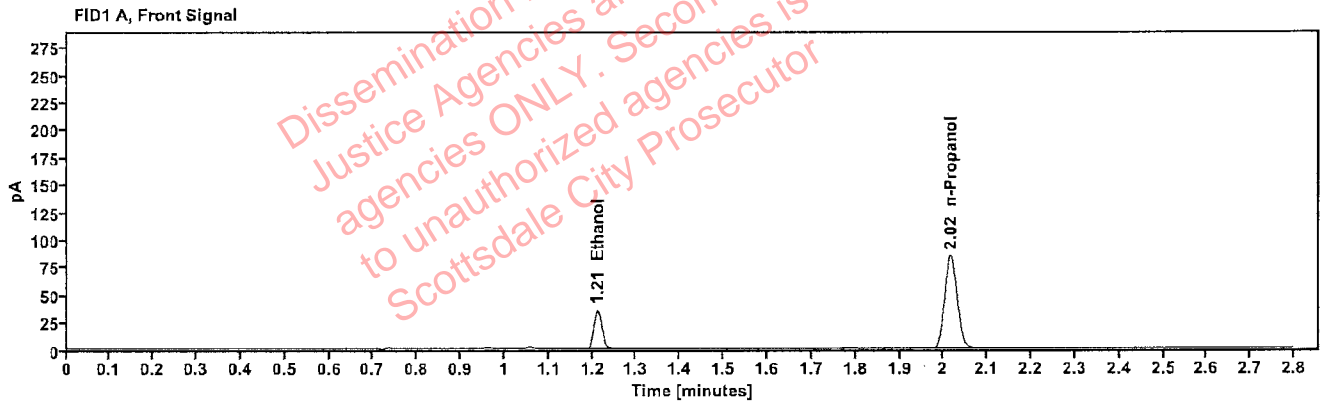


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0702	1.212	45.181
n-Propanol	-----	2.016	168.352

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	49.074
n-Propanol	2.436	182.985

[REDACTED]: Abbott, Lori - (11-Apr-2023)

Case: [REDACTED] User: LAbbott 4/11/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306862-3	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:20:11 PM
Data file:	C:\Chem32\1\Data\10Apr23\14.D	Analyst:	Abbott

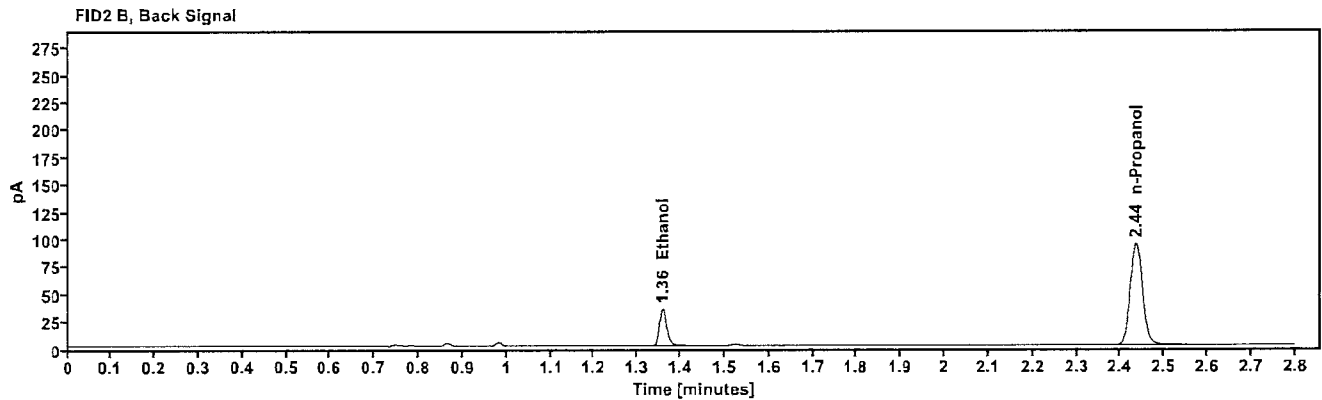
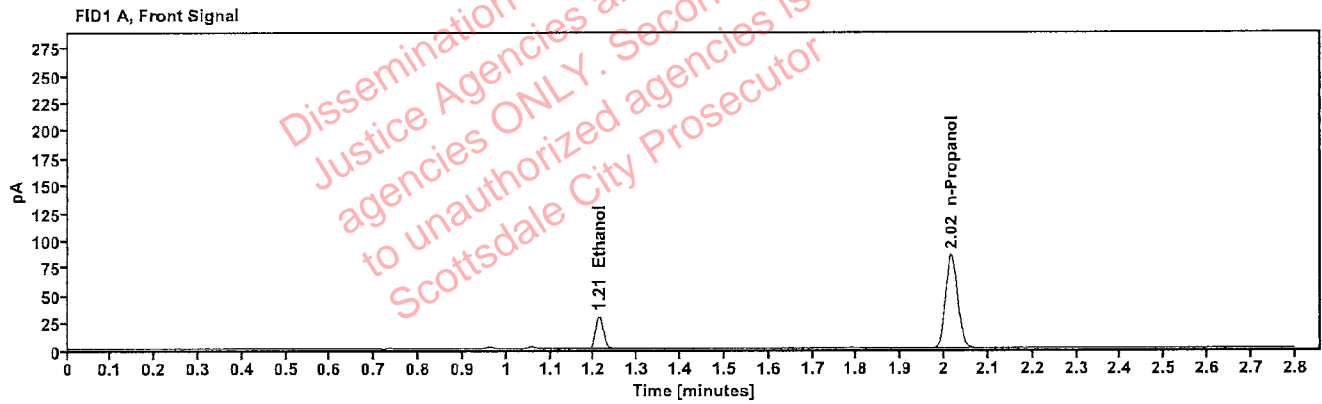


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0581	1.211	37.653
n-Propanol	-----	2.016	169.793

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	41.435
n-Propanol	2.436	184.064

[REDACTED]: Abbott, Lori - (11-Apr-2023)

Case: [REDACTED] User: LAbbott 4/11/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306862-3	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:24:10 PM
Data file:	C:\Chem32\1\Data\10Apr23\15.D	Analyst:	Abbott

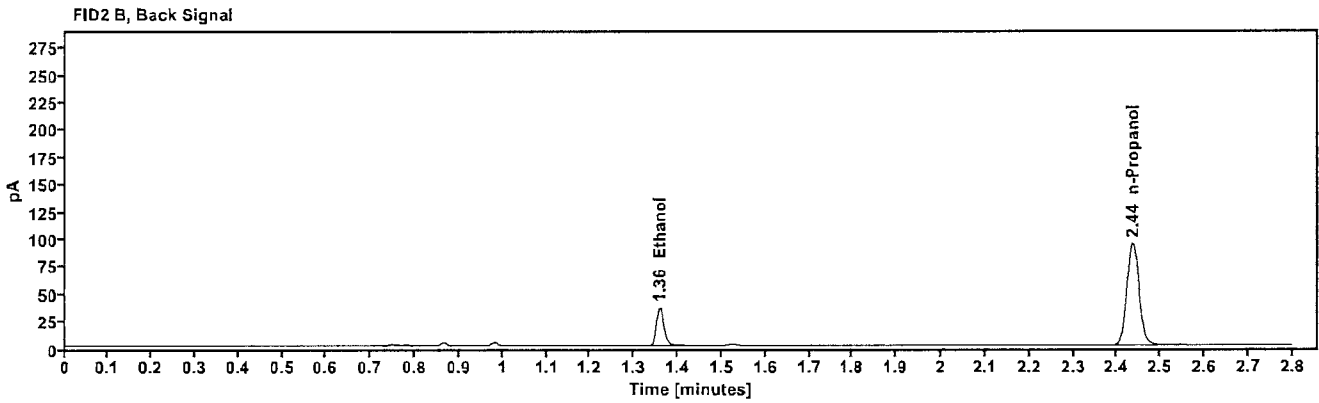
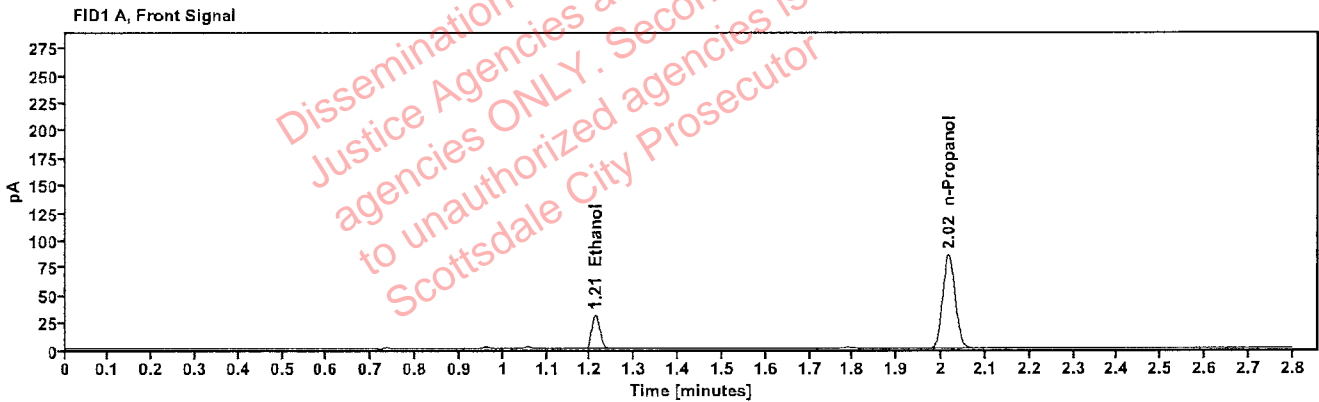


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0601	1.211	38.993
n-Propanol	-----	2.016	170.074

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	42.917
n-Propanol	2.436	184.385

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306858-3	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:28:11 PM
Data file:	C:\Chem32\1\Data\10Apr23\16.D	Analyst:	Abbott

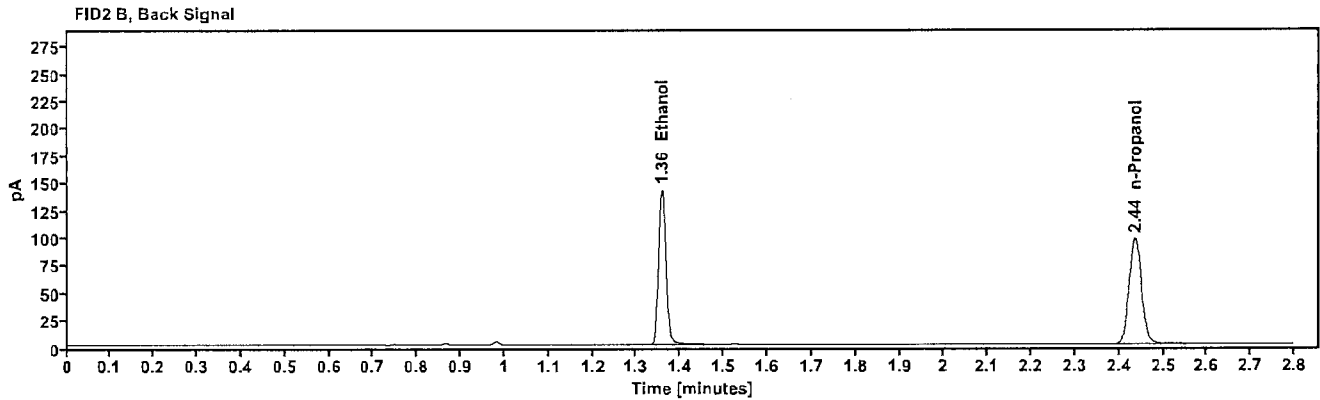
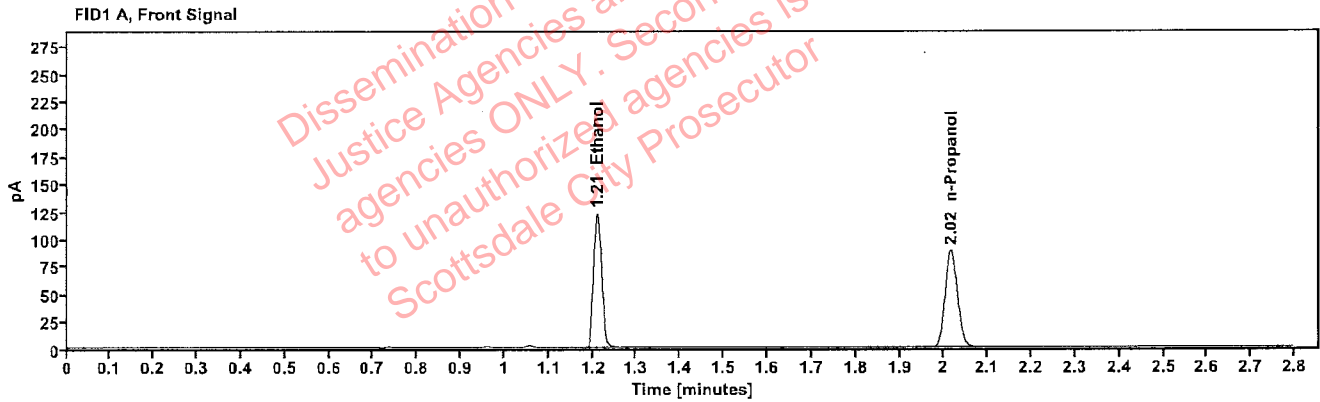


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2317	1.210	156.203
n-Propanol	-----	2.016	175.661

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	171.307
n-Propanol	2.436	190.799

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306858-3	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:32:10 PM
Data file:	C:\Chem32\1\Data\10Apr23\17.D	Analyst:	Abbott

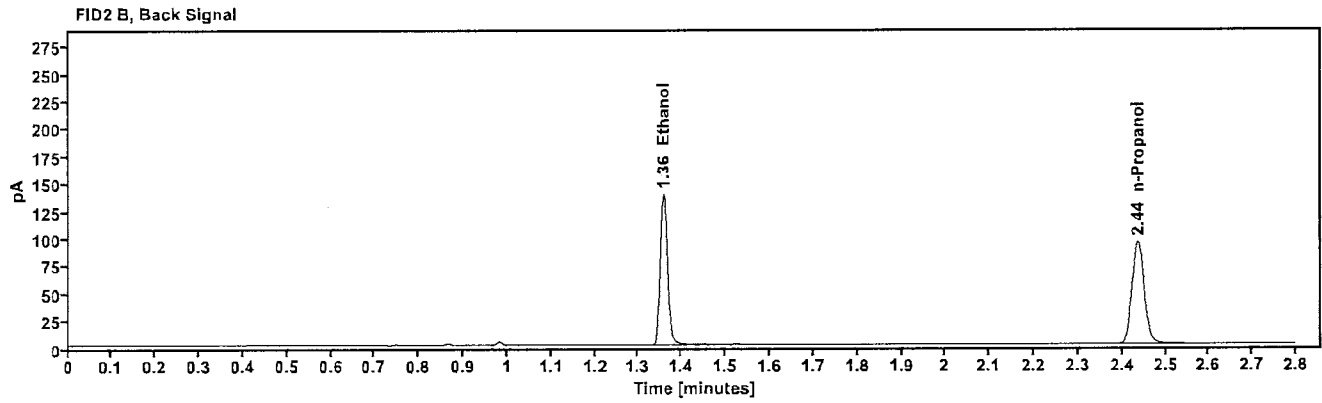
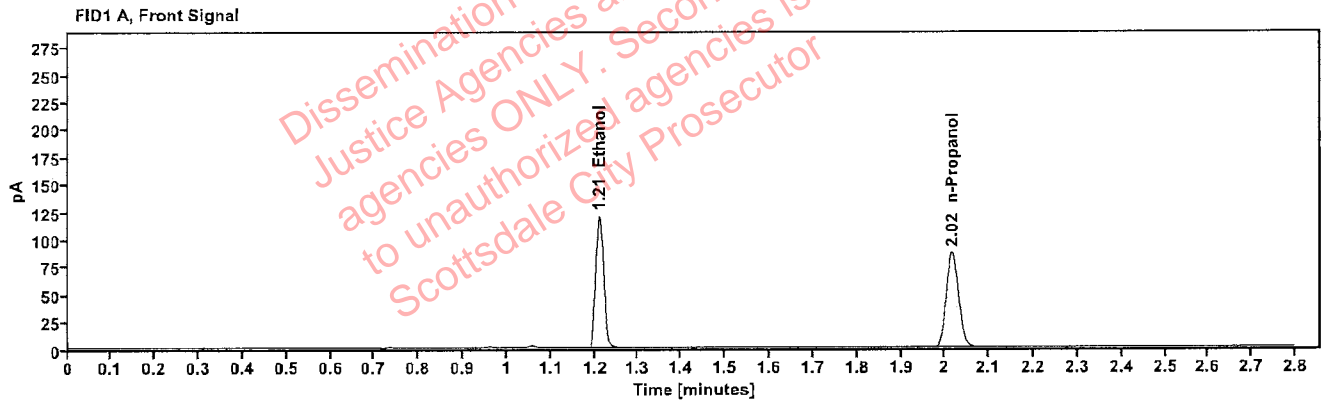


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2317	1.210	152.983
n-Propanol	-----	2.016	172.034

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	167.296
n-Propanol	2.437	186.797

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306875-2	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:40:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\19.D	Analyst:	Abbott

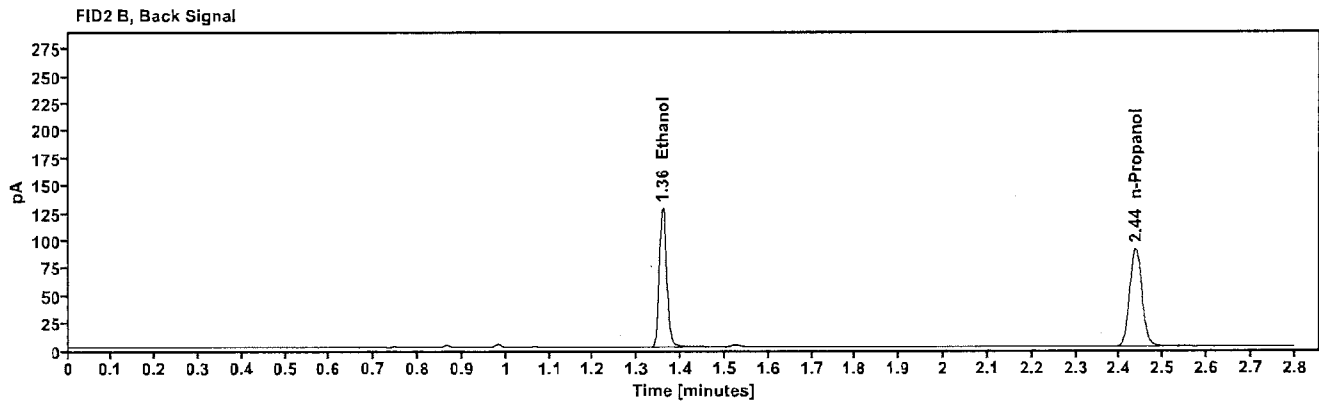
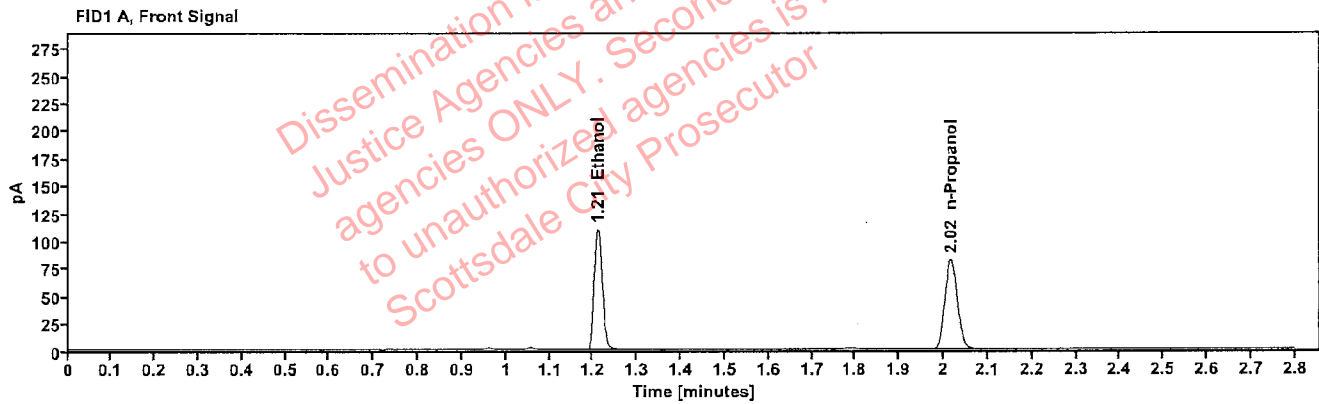


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2238	1.210	140.878
n-Propanol	-----	2.016	164.022

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	154.063
n-Propanol	2.436	177.870

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306875-2 <i>LA 241123</i>	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:36:10 PM
Data file:	C:\Chem32\1\Data\10Apr23\18.D	Analyst:	Abbott

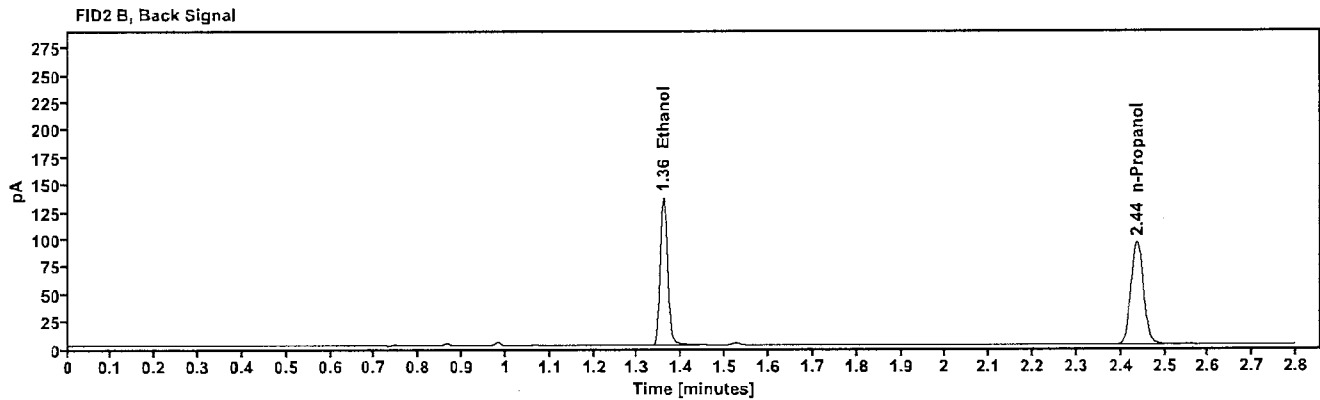
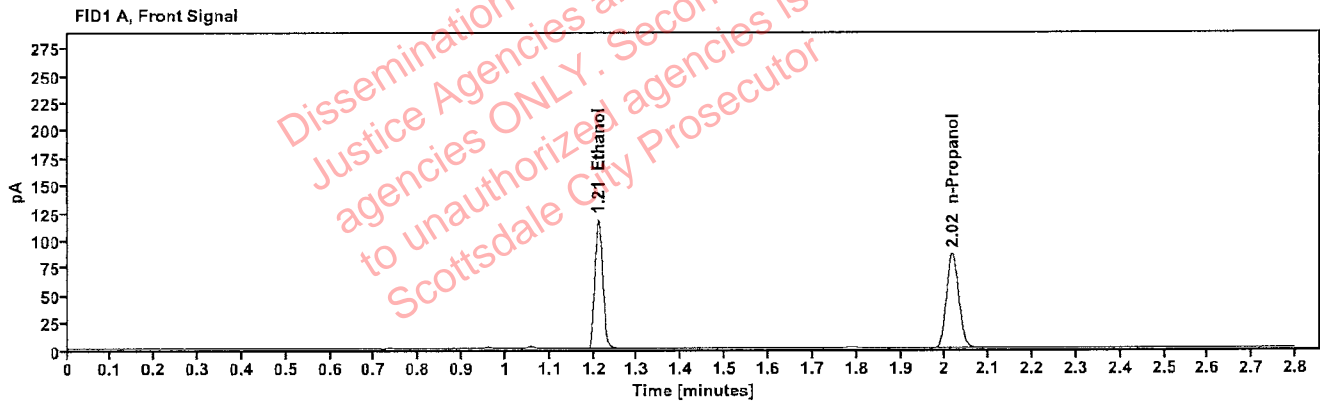


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2275	1.211	150.247
n-Propanol	-----	2.017	172.116

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	164.276
n-Propanol	2.437	186.716



[REDACTED]: Abbott, Lori - (11-Apr-2023)

Case: [REDACTED] User: LAbbott 4/11/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306964-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:48:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\21.D	Analyst:	Abbott

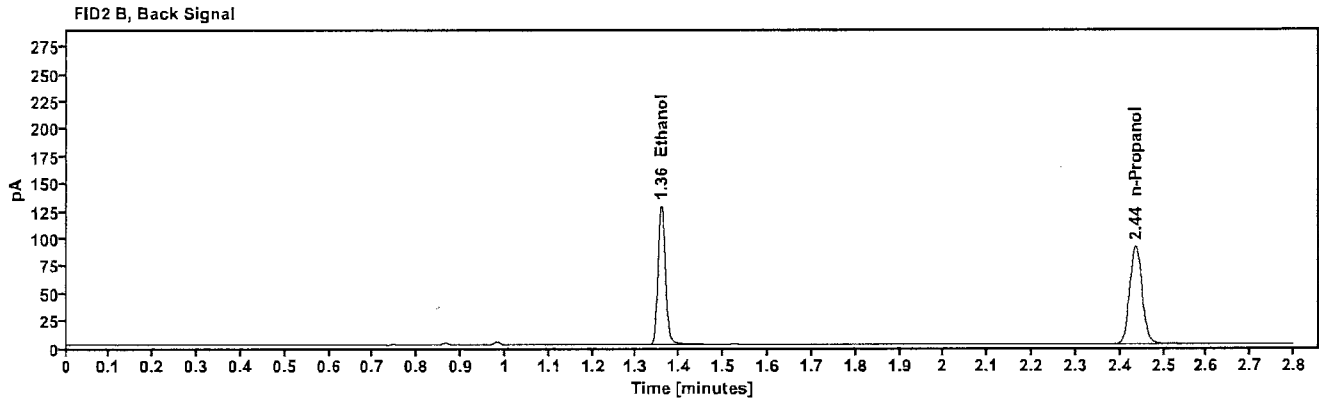
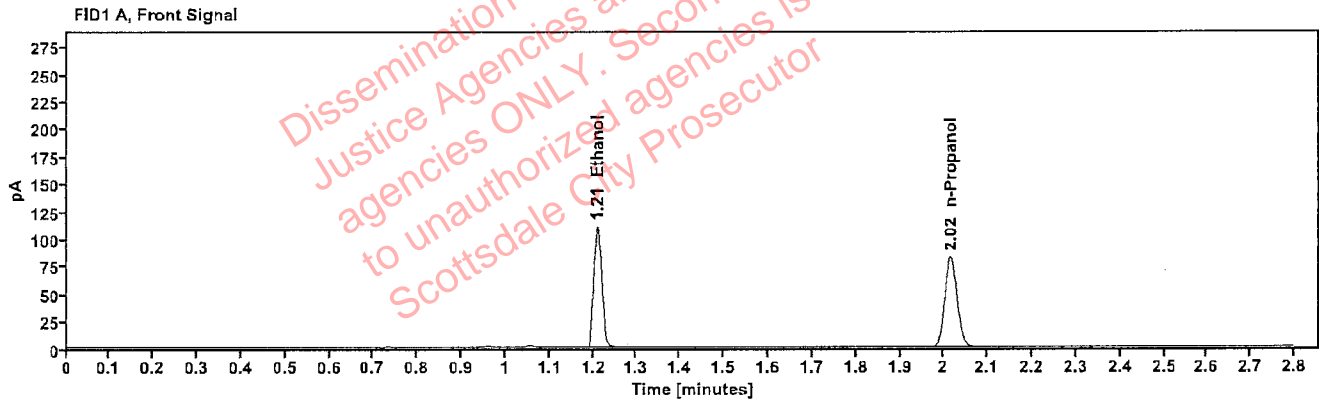


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2235	1.210	141.188
n-Propanol	-----	2.016	164.594

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	154.796
n-Propanol	2.436	178.611

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306964-2	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:52:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\22.D	Analyst:	Abbott

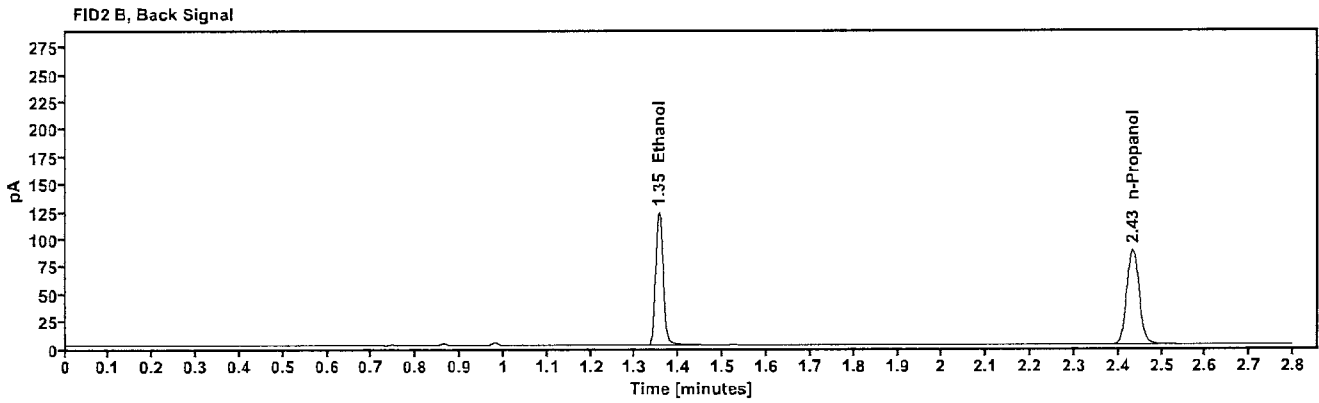
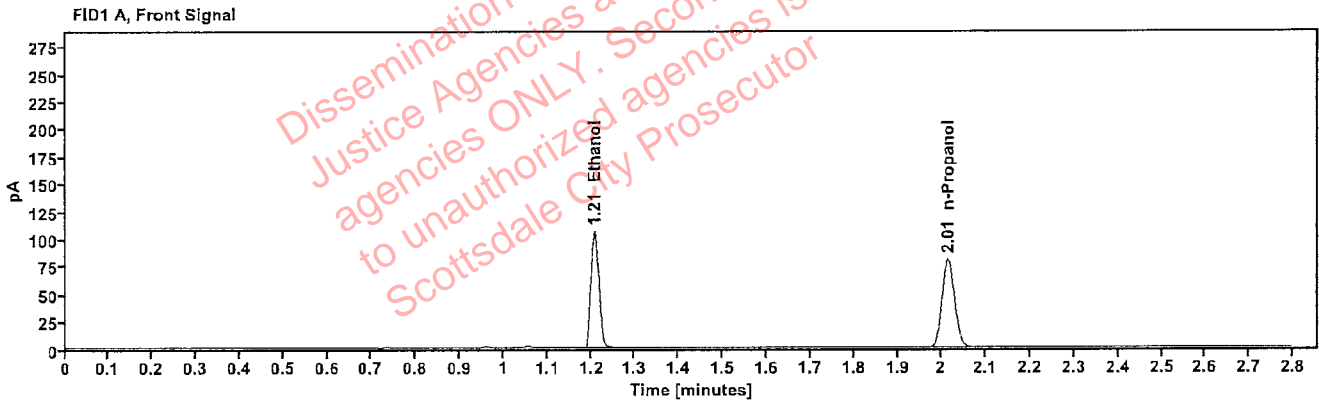


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2196	1.208	134.413
n-Propanol	-----	2.014	159.529

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	146.898
n-Propanol	2.433	173.166

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307025-1	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 4:56:25 PM
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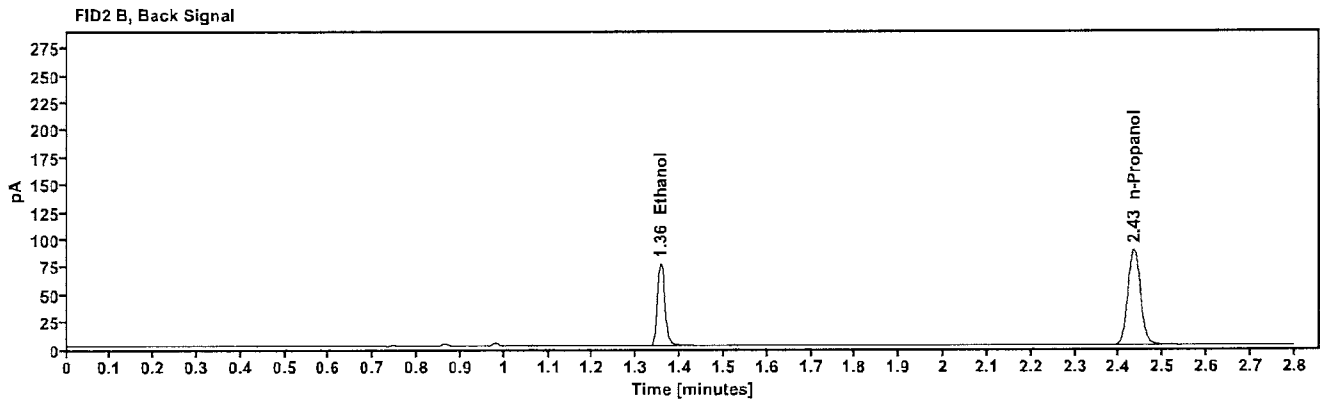
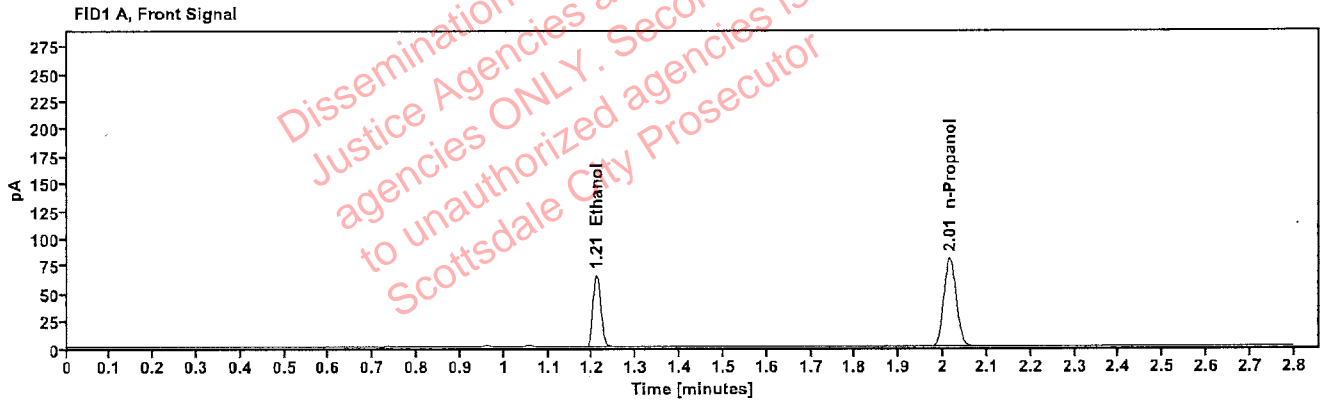


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1352	1.209	83.232
n-Propanol	---	2.015	160.613

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	90.821
n-Propanol	2.434	174.511

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307025-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:00:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\24.D	Analyst:	Abbott

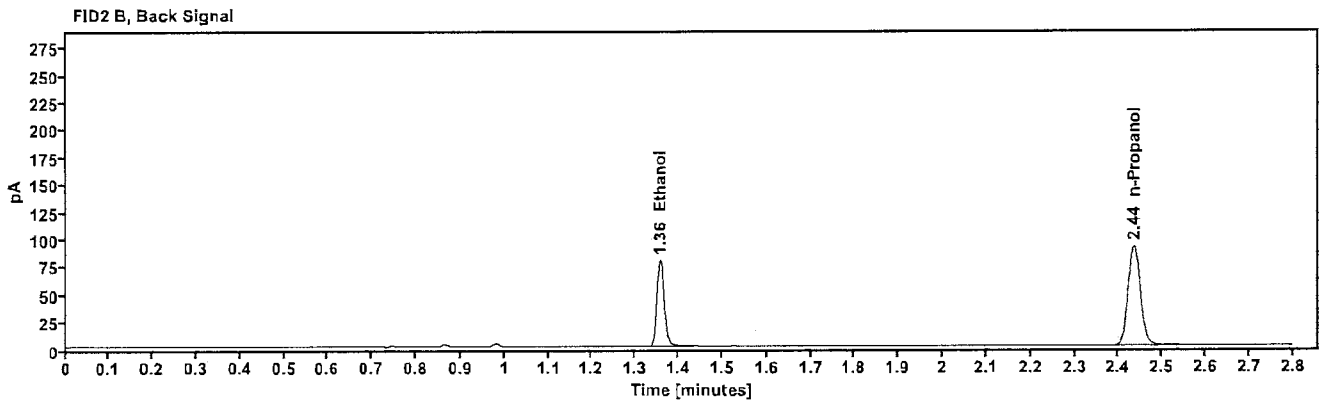
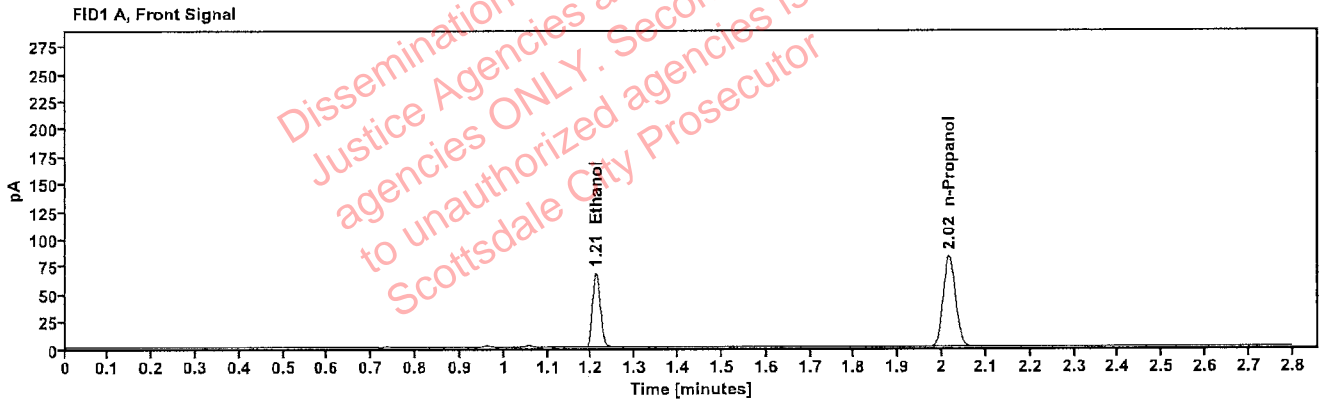


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1368	1.210	86.740
n-Propanol	-----	2.016	165.506

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	94.451
n-Propanol	2.435	179.745

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1437404	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:04:41 PM
Data file:	C:\Chem32\1\Data\10Apr23\25.D	Analyst:	Abbott

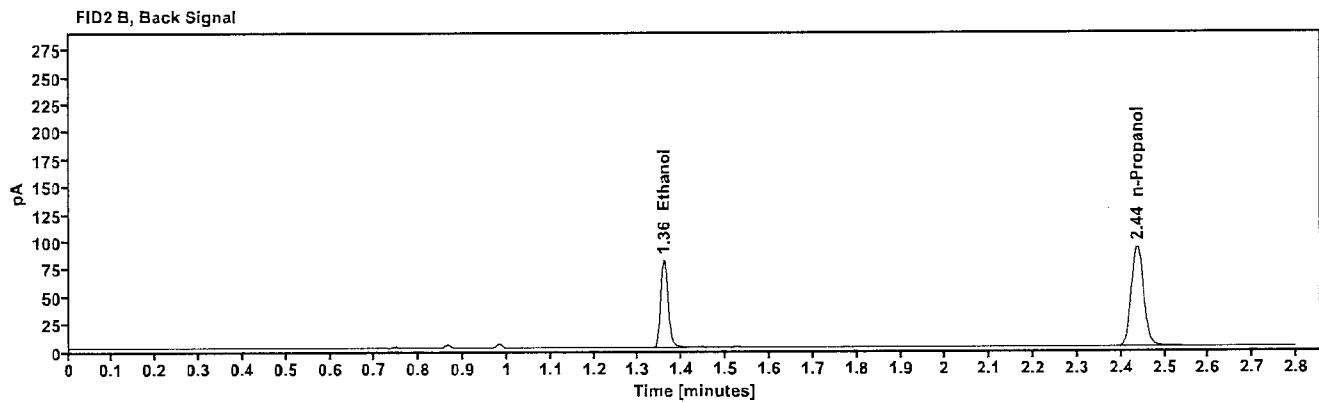
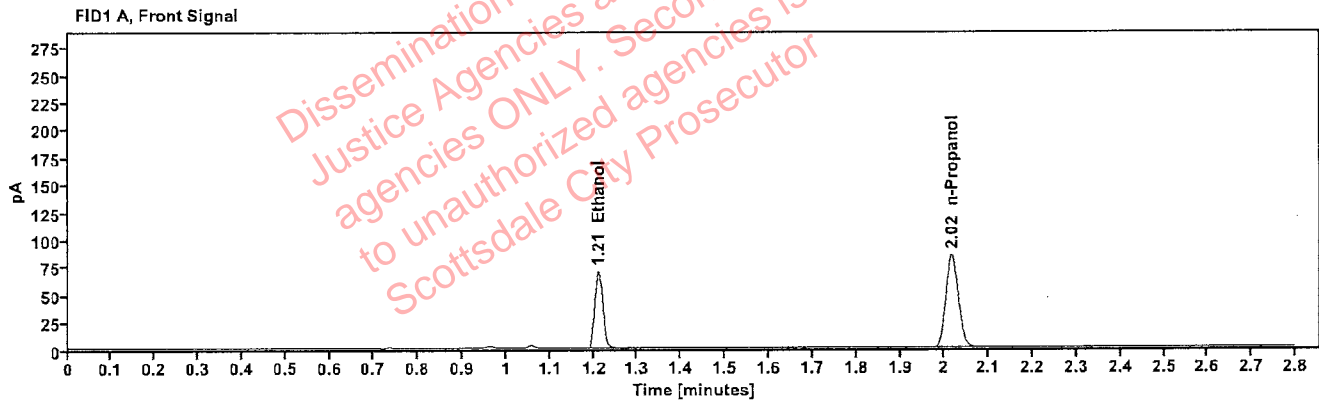


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1392	1.211	89.496
n-Propanol	-----	2.017	167.741

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	97.477
n-Propanol	2.437	182.474

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1437404	Vial: 26
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 5:08:41 PM
Data file: C:\Chem32\1\Data\10Apr23\26.D	Analyst: Abbott

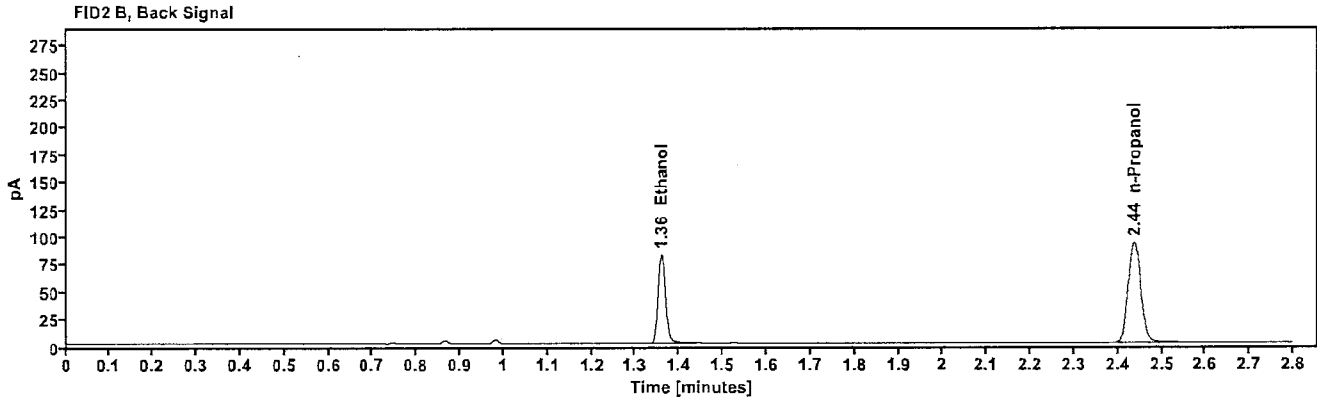
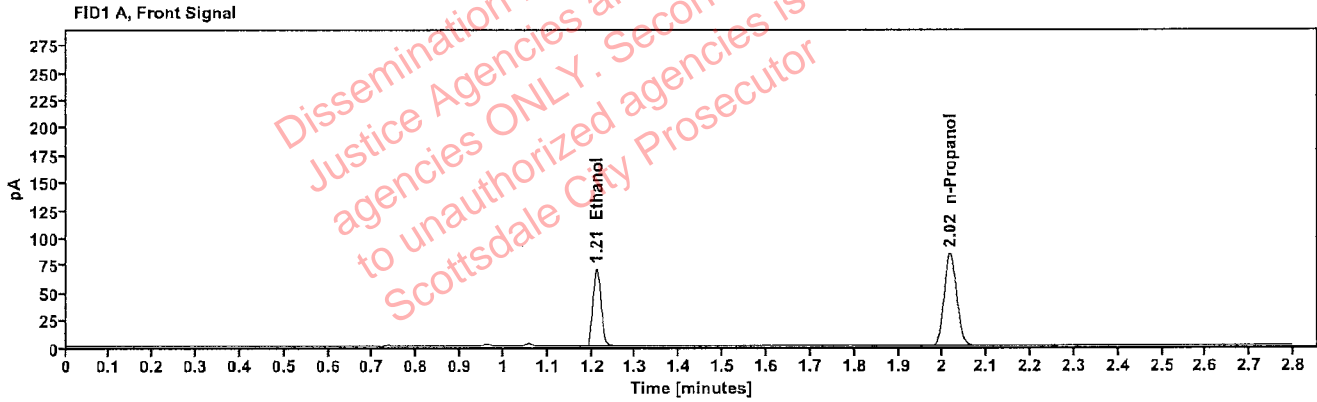


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1403	1.211	90.474
n-Propanol	---	2.017	168.225

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	98.699
n-Propanol	2.437	182.884

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307348-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:12:40 PM
Data file:	C:\Chem32\1\Data\10Apr23\27.D	Analyst:	Abbott

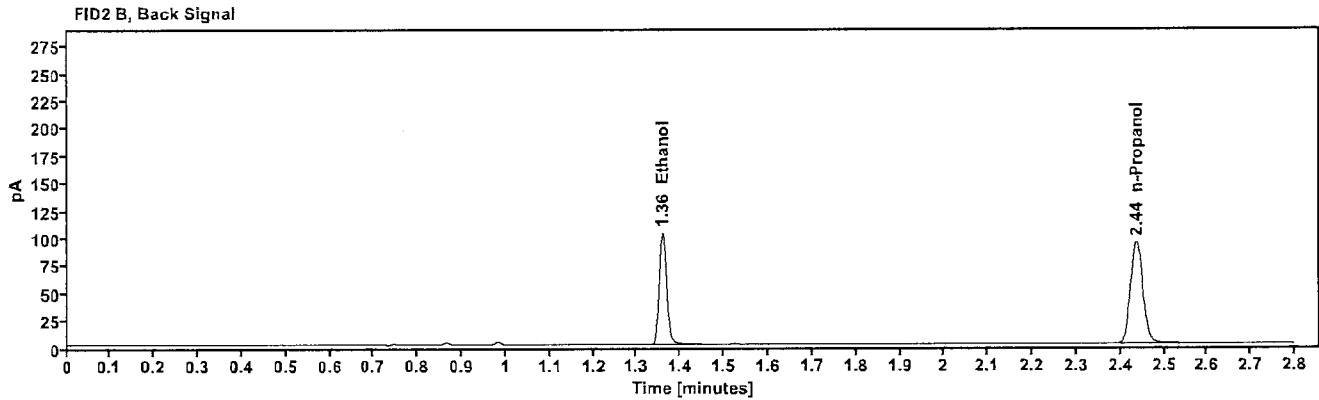
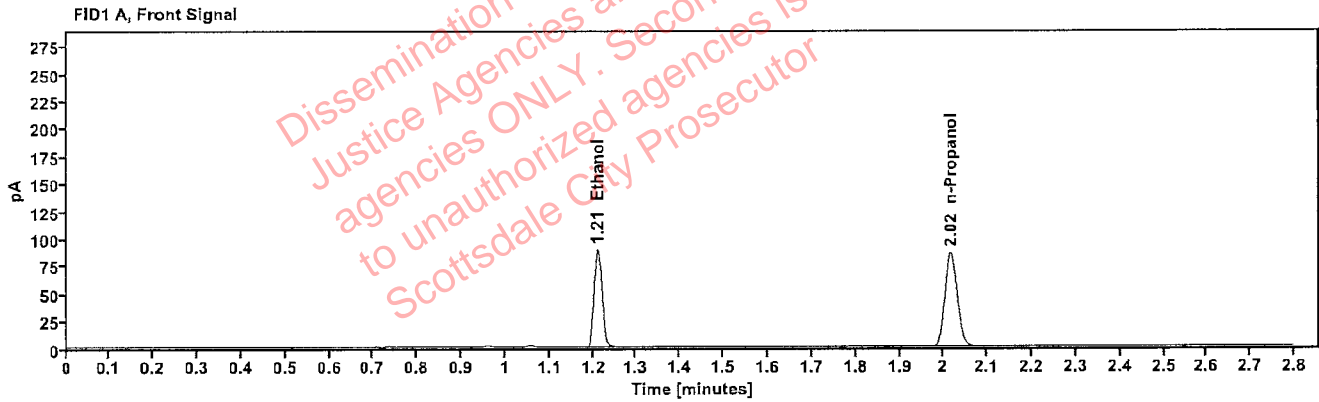


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1740	1.211	113.719
n-Propanol	-----	2.017	170.367

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	124.239
n-Propanol	2.437	185.086

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307348-2	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:16:40 PM
Data file:	C:\Chem32\1\Data\10Apr23\28.D	Analyst:	Abbott

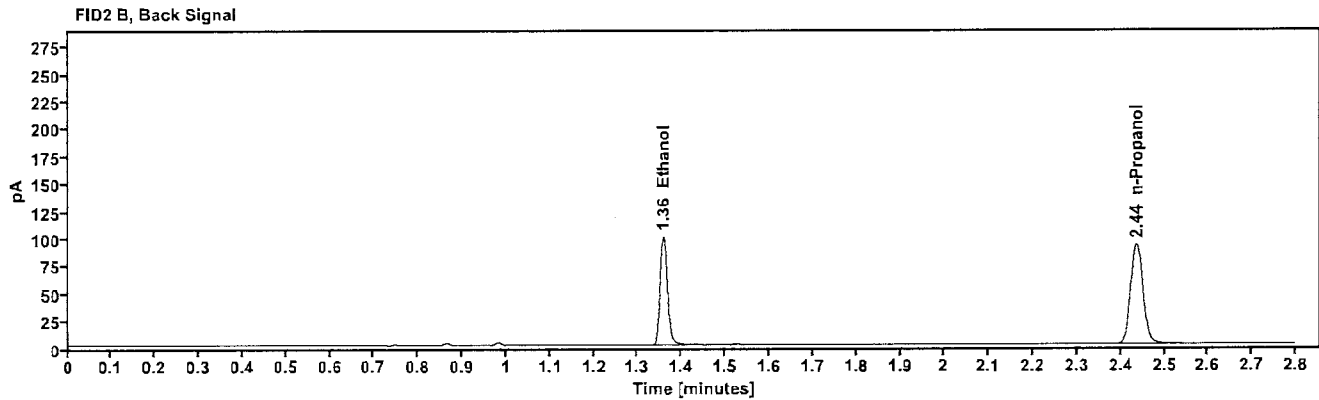
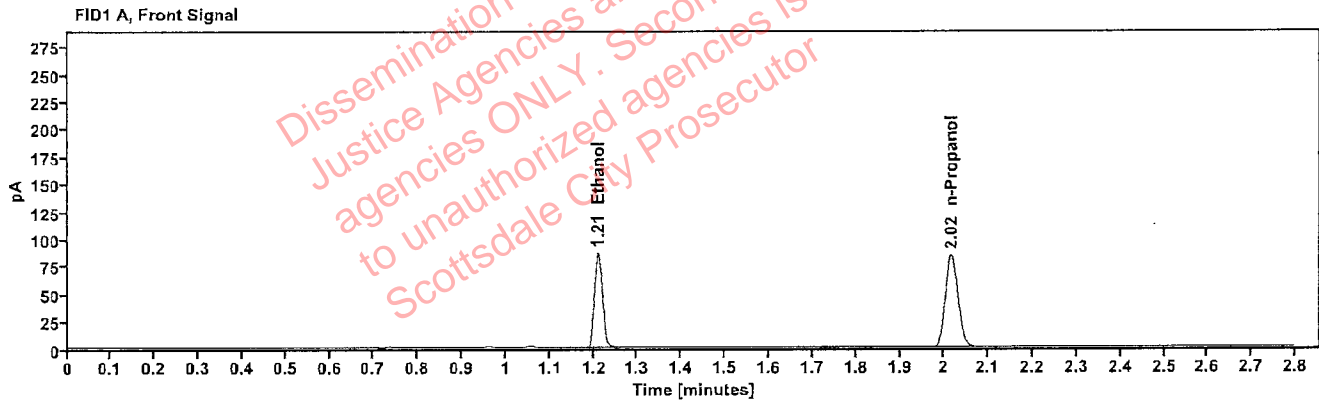


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.211	110.471
n-Propanol	-----	2.016	166.860

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	120.718
n-Propanol	2.436	181.110



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2305922-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:20:41 PM
Data file:	C:\Chem32\11\Data\10Apr23\29.D	Analyst:	Abbott

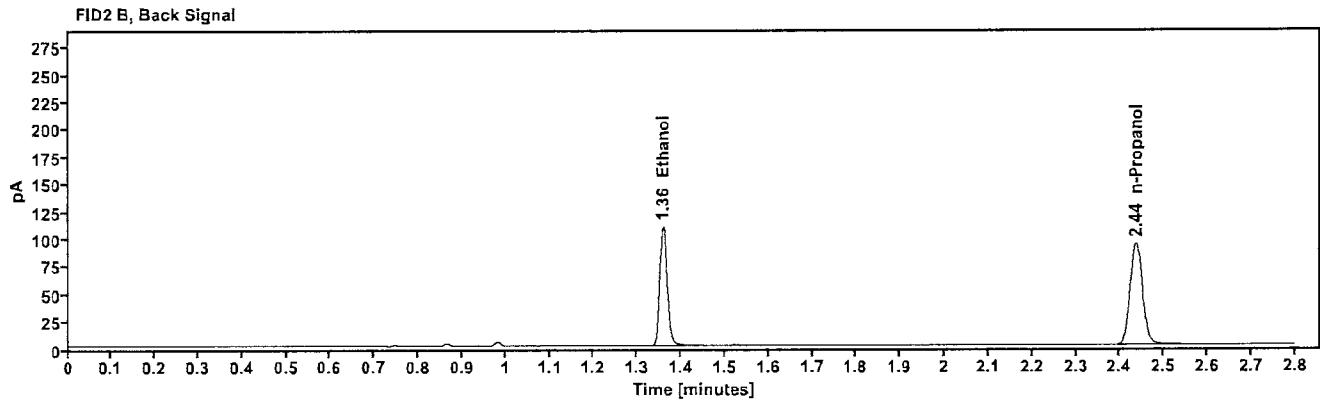
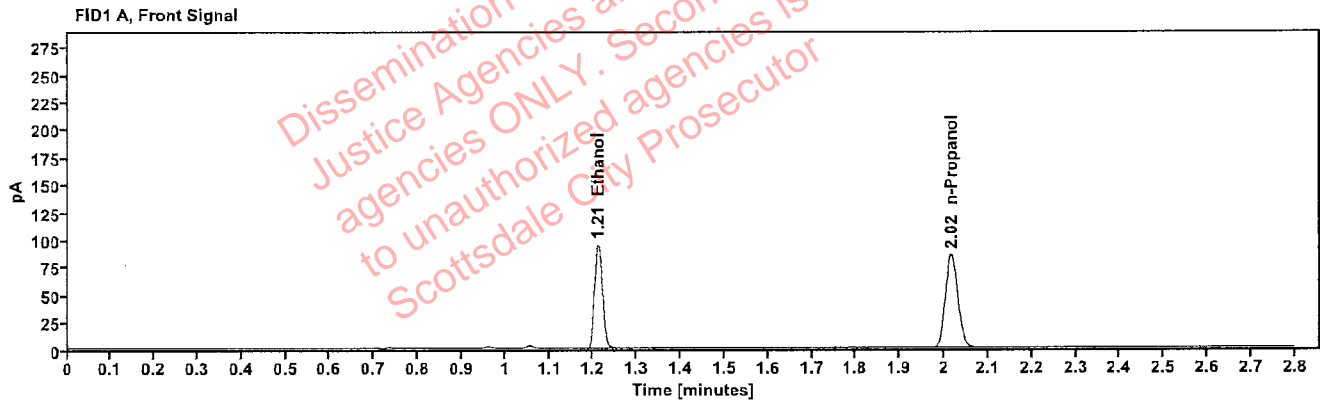


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1858	1.211	120.951
n-Propanol	-----	2.016	169.759

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	132.097
n-Propanol	2.437	184.292

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2305922-1	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:24:40 PM
Data file:	C:\Chem32\1\Data\10Apr23\30.D	Analyst:	Abbott

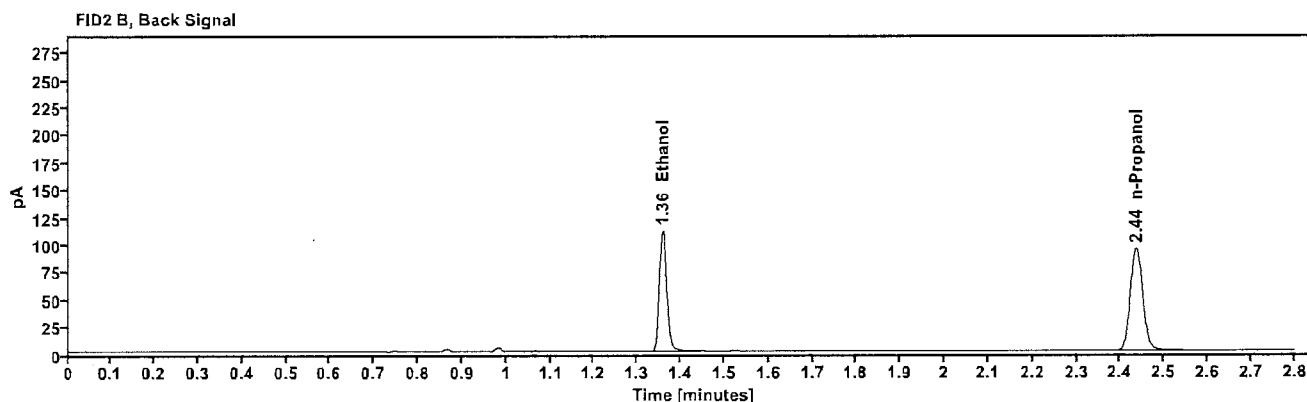
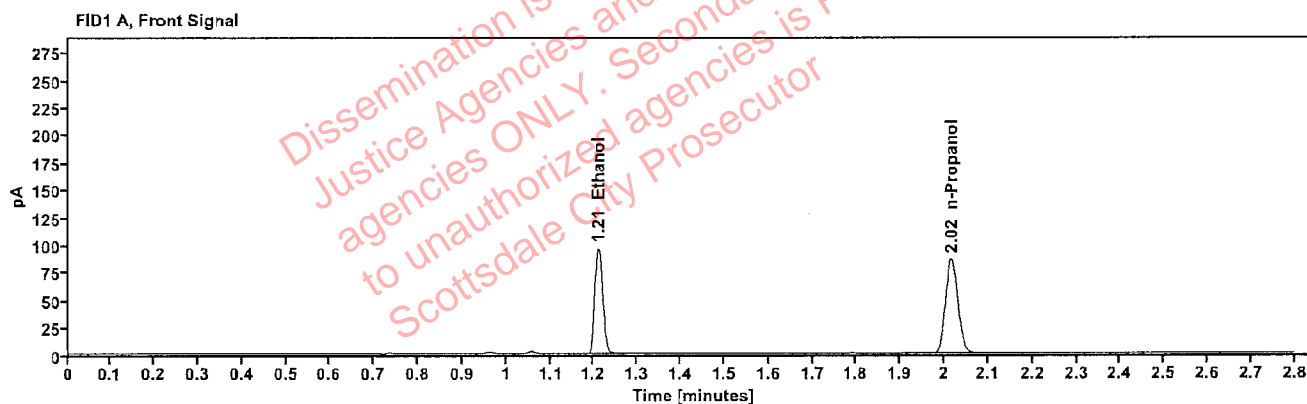


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1865	1.211	122.667
n-Propanol	-----	2.016	171.489

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	134.064
n-Propanol	2.436	186.221

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06171903	Vial: 32
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 5:32:56 PM
Data file: C:\Chem32\1\Data\10Apr23\32.D	Analyst: Abbott <i>DA</i>

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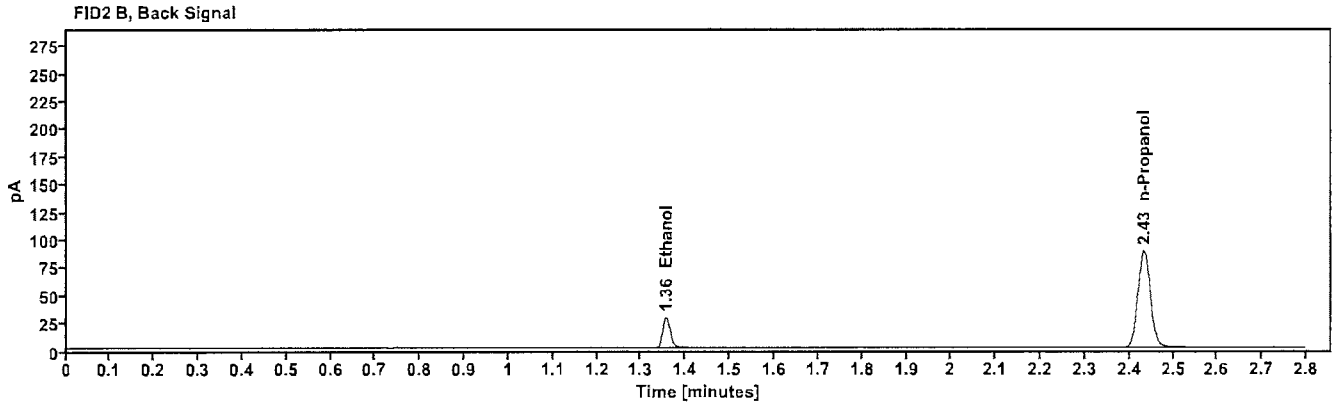
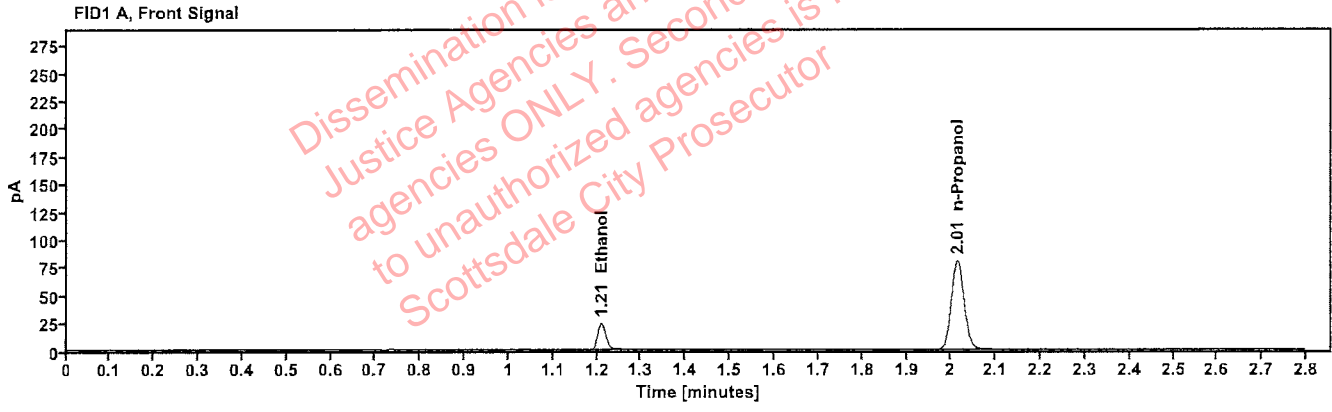


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0504	1.210	30.651
n-Propanol	-----	2.014	159.721

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	33.397
n-Propanol	2.433	173.545

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06171903	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:36:55 PM
Data file:	C:\Chem32\1\Data\10Apr23\33.D	Analyst:	Abbott <i>JA</i>

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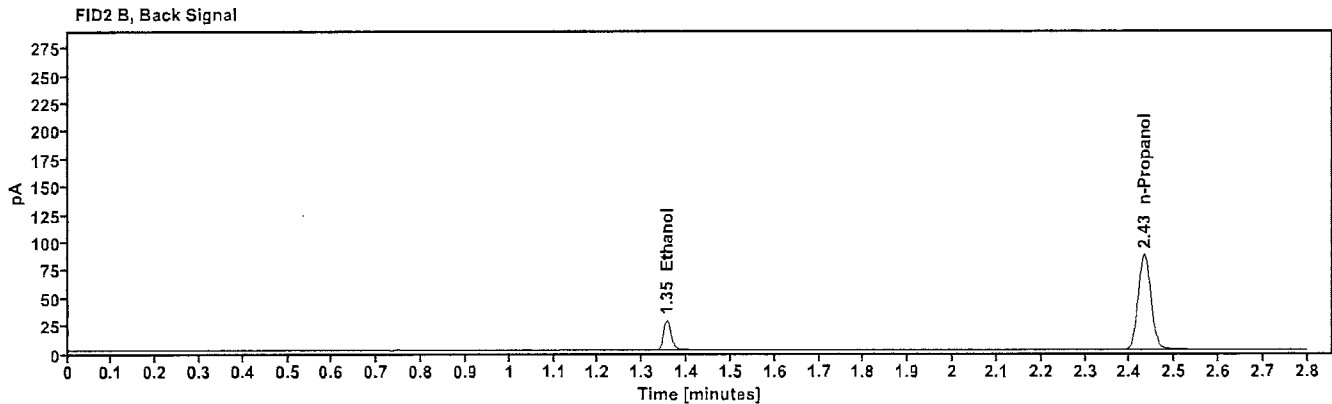
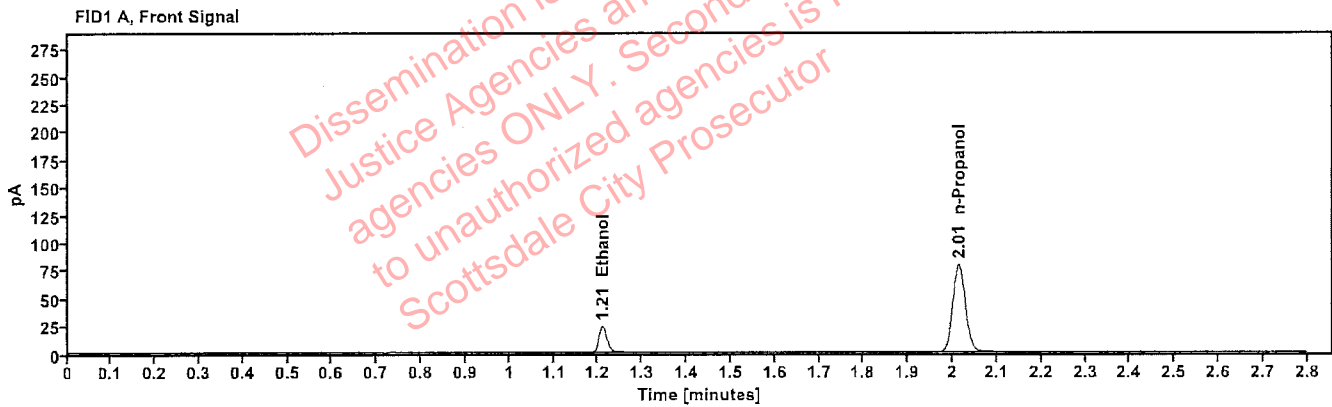


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0496	1.209	29.849
n-Propanol	-----	2.014	157.763

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	32.567
n-Propanol	2.432	171.653



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN07022010	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:44:56 PM
Data file:	C:\Chem32\1\Data\10Apr23\35.D	Analyst:	Abbott <i>[Signature]</i>

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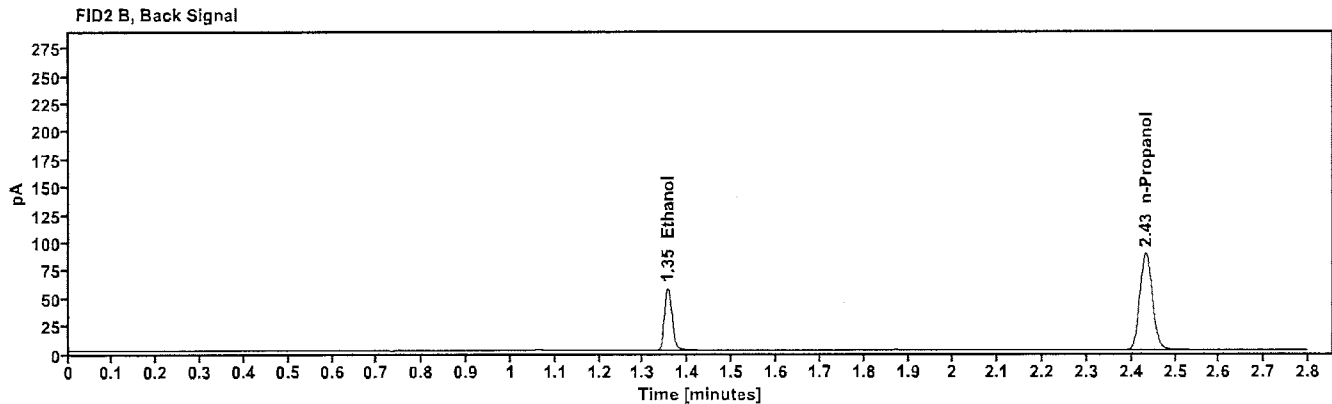
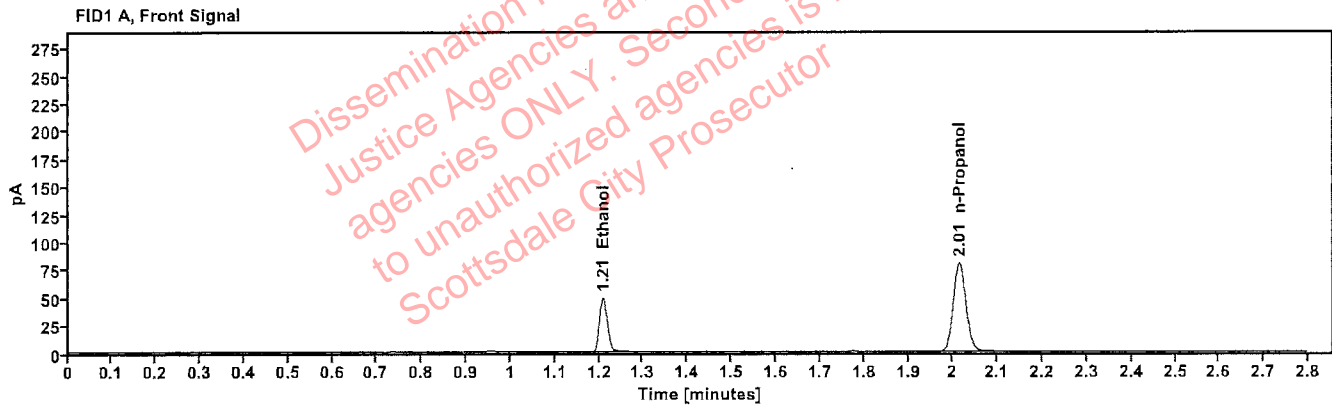


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1017	1.209	62.274
n-Propanol	-----	2.014	159.919

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	67.823
n-Propanol	2.433	173.893

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06112149	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:48:55 PM
Data file:	C:\Chem32\1\Data\10Apr23\36.D	Analyst:	Abbott <i>JA</i>

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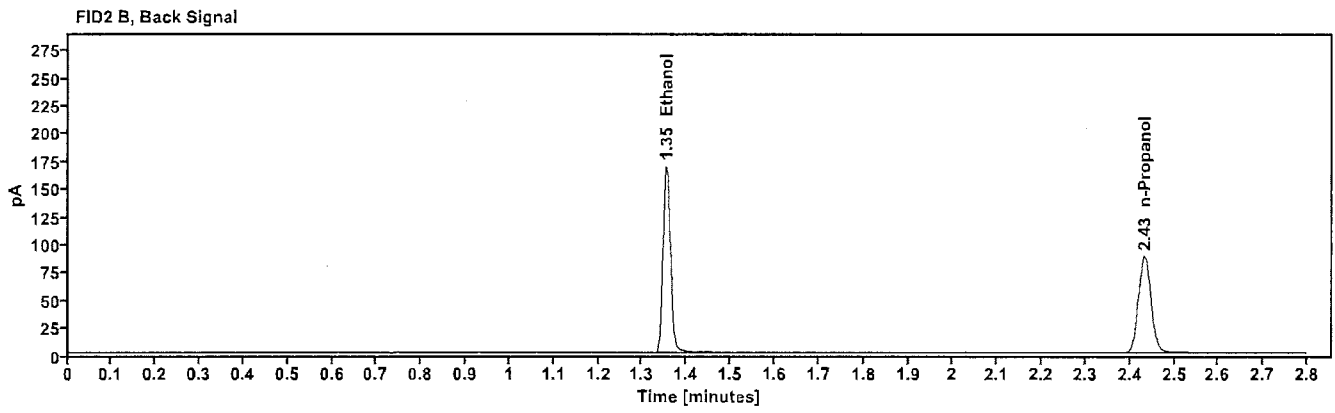
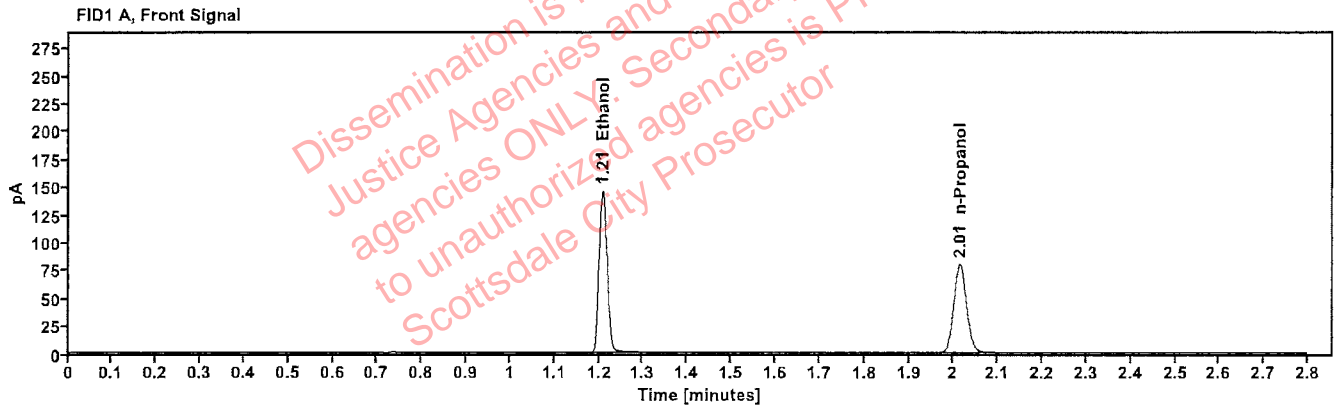


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3022	1.208	184.800
n-Propanol	-----	2.014	159.310

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	202.897
n-Propanol	2.433	173.272

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06112149	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 5:53:10 PM
Data file:	C:\Chem32\1\Data\10Apr23\37.D	Analyst:	Abbott <i>JA</i>

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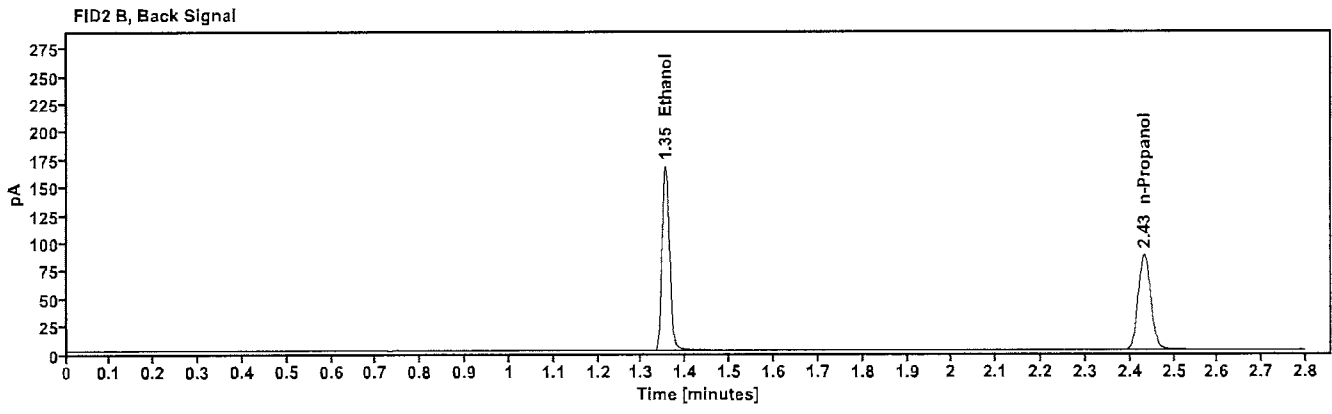
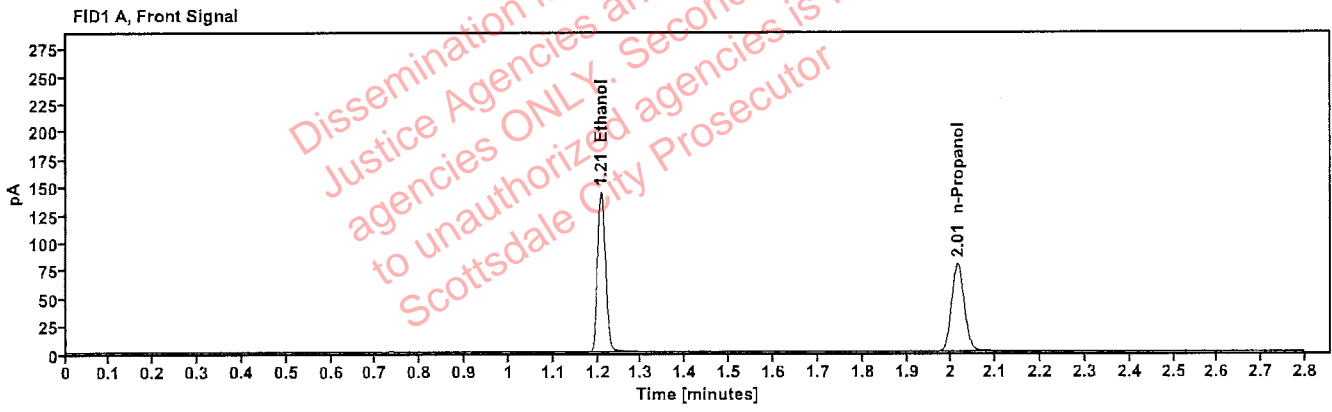


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3015	1.207	182.776
n-Propanol	-----	2.014	157.922

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	200.415
n-Propanol	2.432	171.695



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 13092018-A	Vial: 38
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 5:57:10 PM
Data file: C:\Chem32\1\Data\10Apr23\38.D	Analyst: Abbott <span style="float: right;">DA</span>

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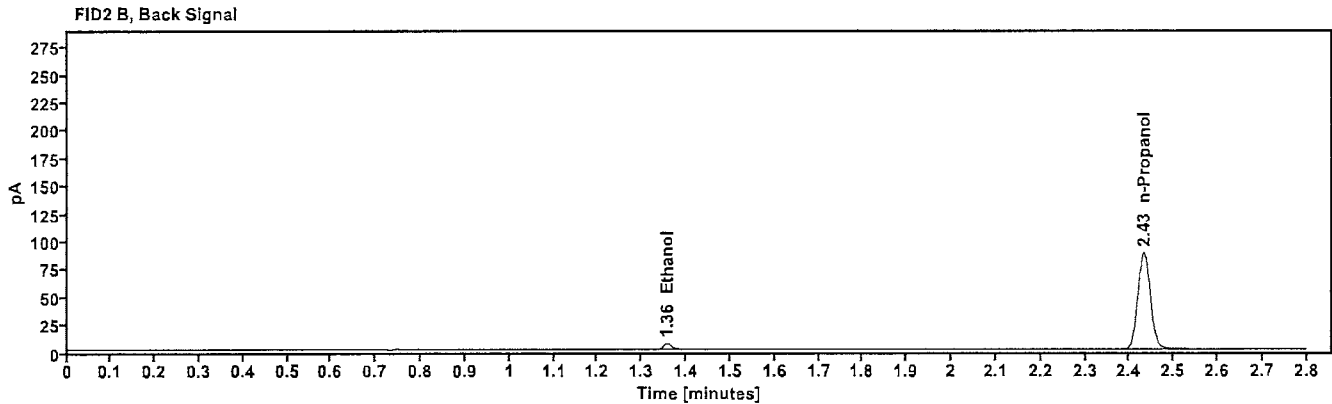
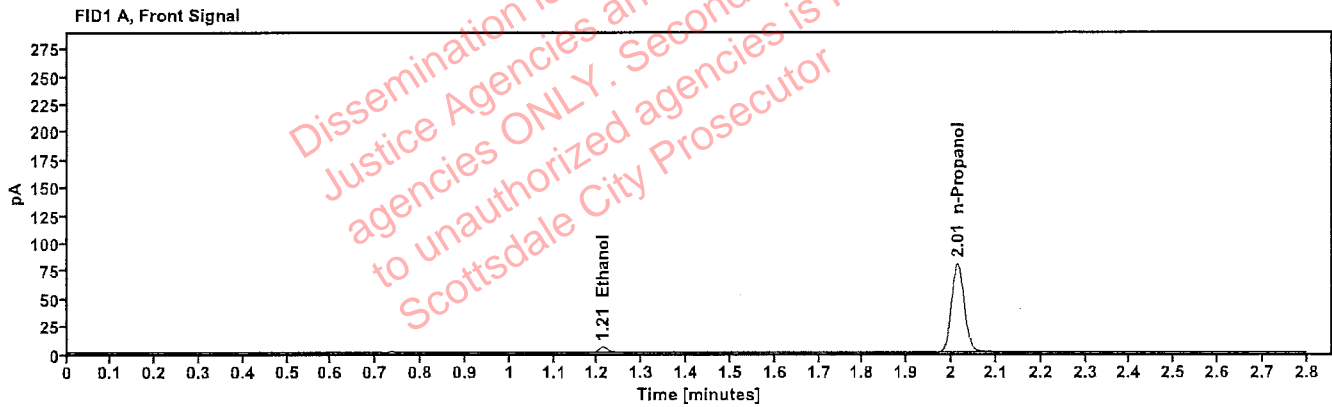


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0105	1.211	6.162
n-Propanol	---	2.014	159.939

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	6.685
n-Propanol	2.432	173.871

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 13092018-A	Vial: 39
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 6:01:11 PM
Data file: C:\Chem32\1\Data\10Apr23\39.D	Analyst: Abbott <i>du</i>

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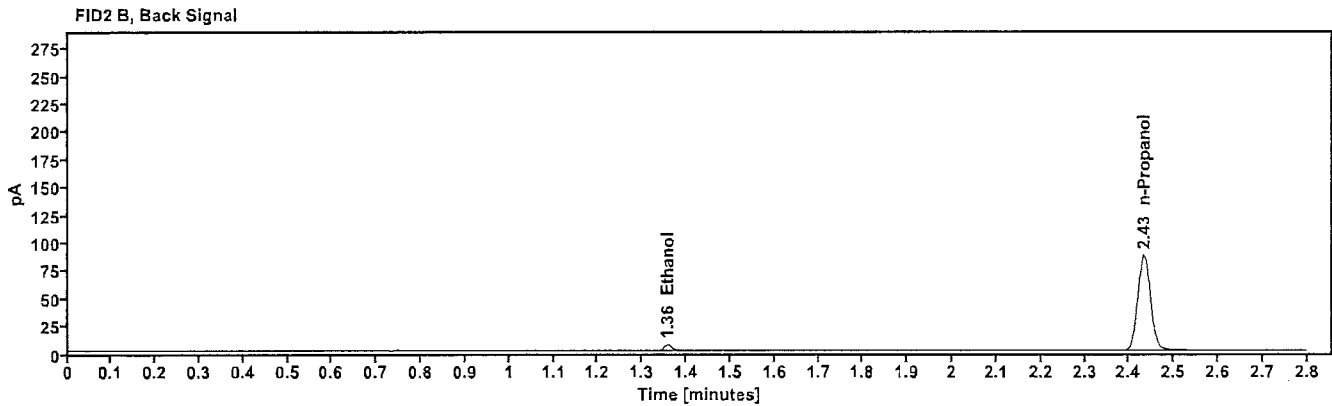
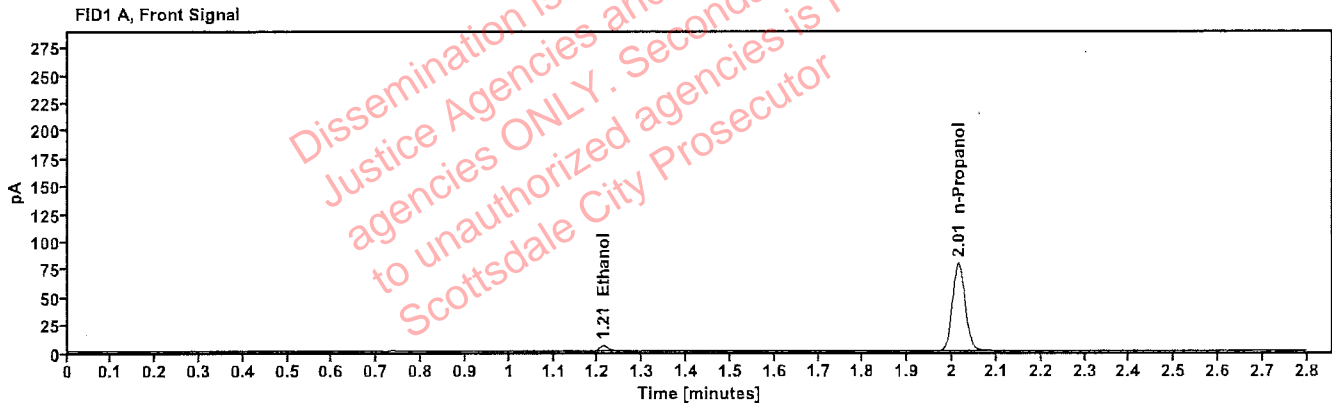


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0103	1.212	5.976
n-Propanol	-----	2.014	157.517

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	6.461
n-Propanol	2.433	171.359

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30102019-A	Vial: 40
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 10Apr23
Instrument: US14173023 CN14160045	Injection date: 4/10/2023 6:05:10 PM
Data file: C:\Chem32\1\Data\10Apr23\40.D	Analyst: Abbott <i>JA</i>

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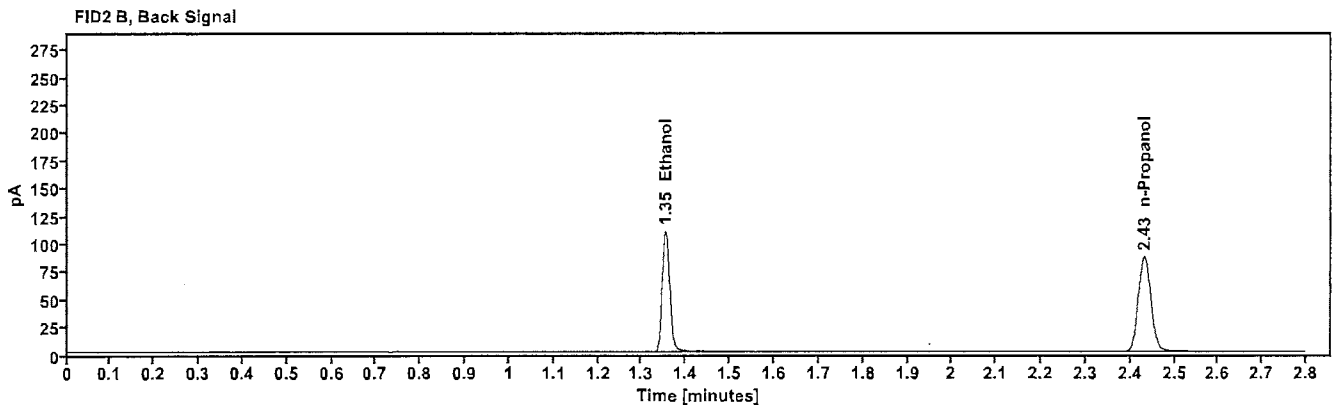
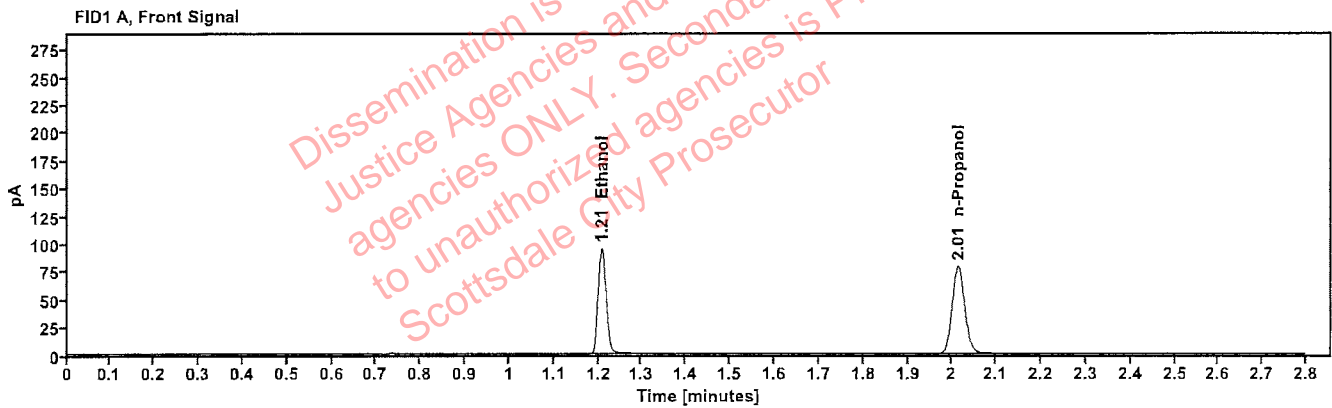


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.208	120.496
n-Propanol	-----	2.014	157.140

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	131.907
n-Propanol	2.432	170.798

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30102019-A	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:09:11 PM
Data file:	C:\Chem32\1\Data\10Apr23\41.D	Analyst:	Abbott <span style="float: right;">JA</span>

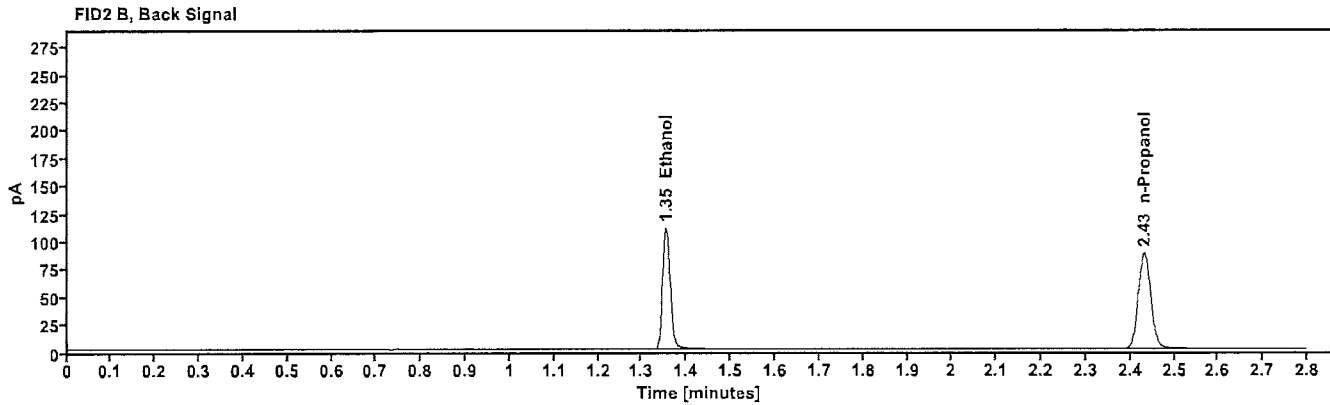
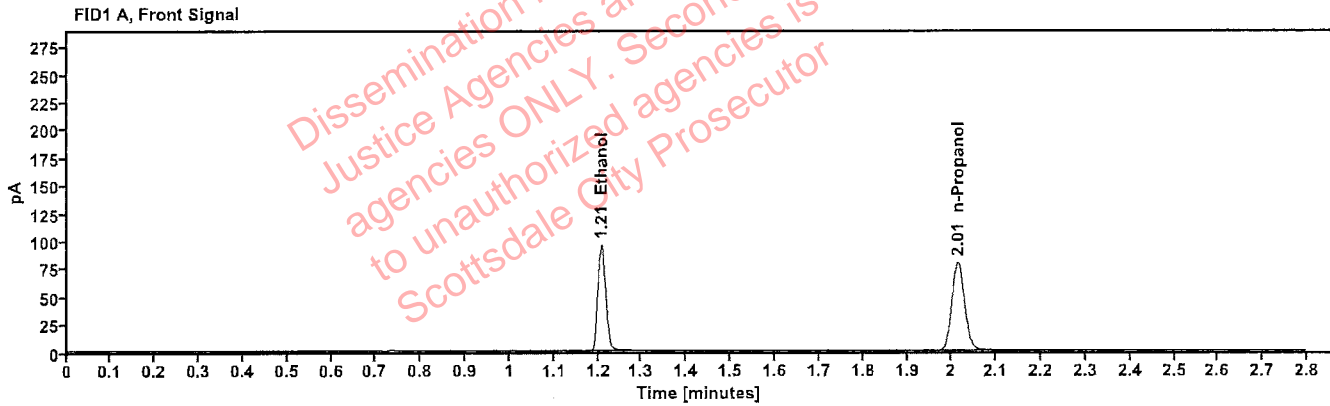


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.208	121.435
n-Propanol	----	2.013	158.671

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	132.900
n-Propanol	2.432	172.602

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110321052/7	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:17:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\43.D	Analyst:	Abbott <span style="float: right;"><i>JA</i></span>

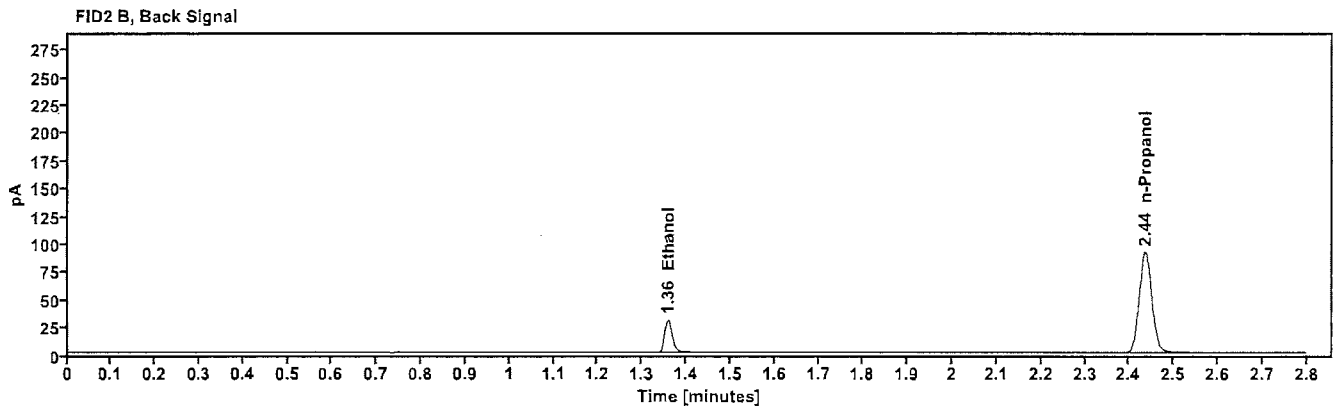
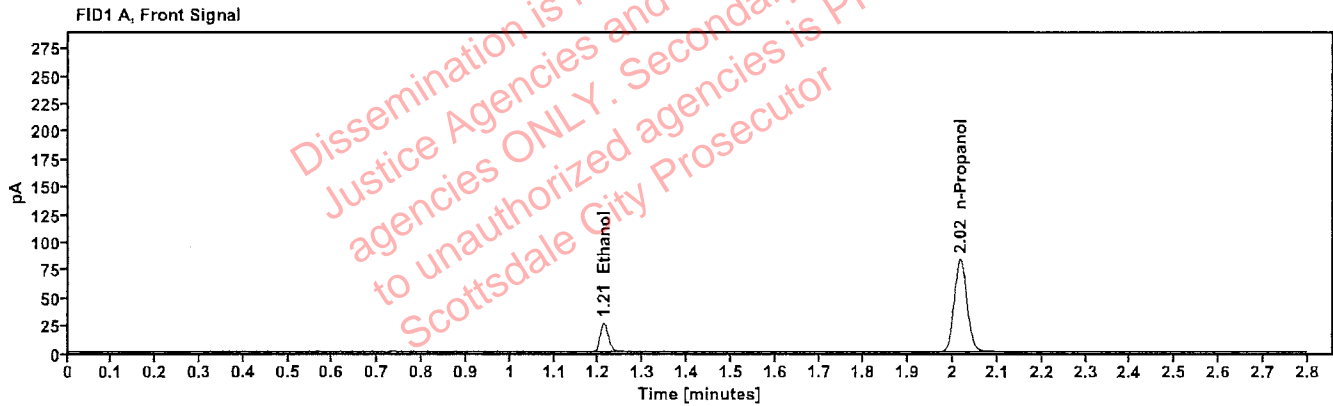


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0519	1.211	32.922
n-Propanol	---	2.016	166.512

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	35.853
n-Propanol	2.436	181.244

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	4110321052/7	<b>Vial:</b>	44
<b>Description:</b>	[REDACTED]	<b>LIMS ID:</b>	[REDACTED]
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	10Apr23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	4/10/2023 6:21:25 PM
<b>Data file:</b>	C:\Chem32\1\Data\10Apr23\44.D	<b>Analyst:</b>	Abbott

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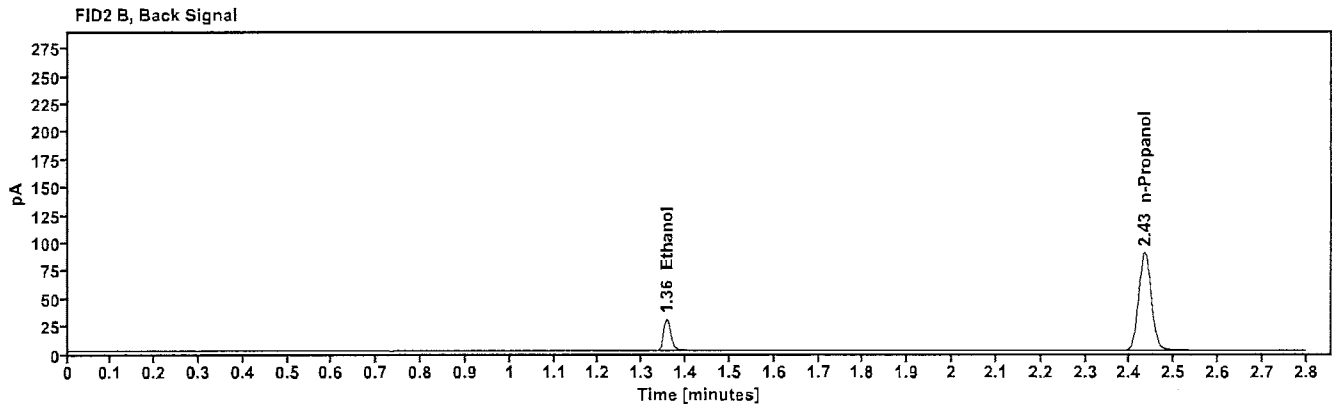
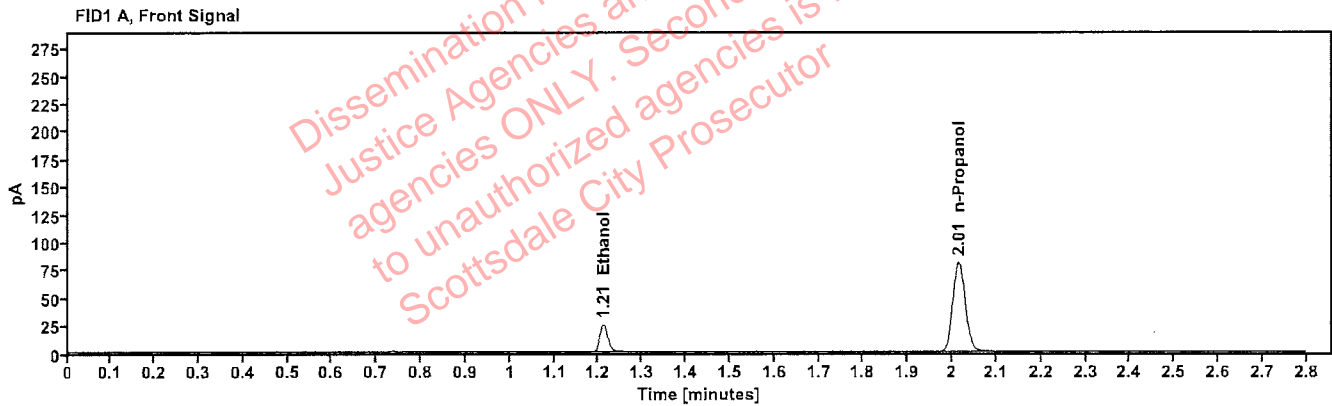


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0515	1.210	31.768
n-Propanol	-----	2.015	161.728

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	34.524
n-Propanol	2.434	176.124

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4100620181/7	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:25:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\45.D	Analyst:	Abbott <i>JA</i>

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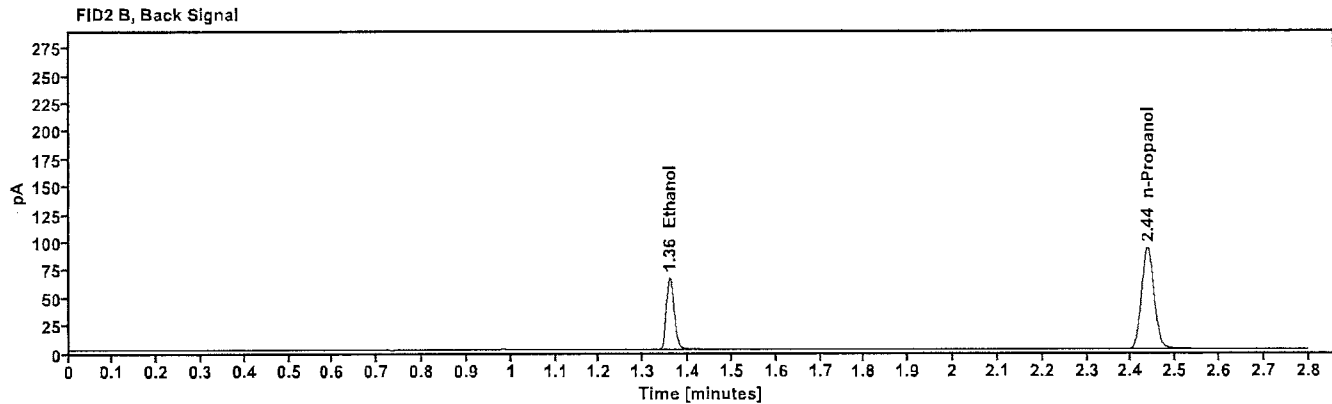
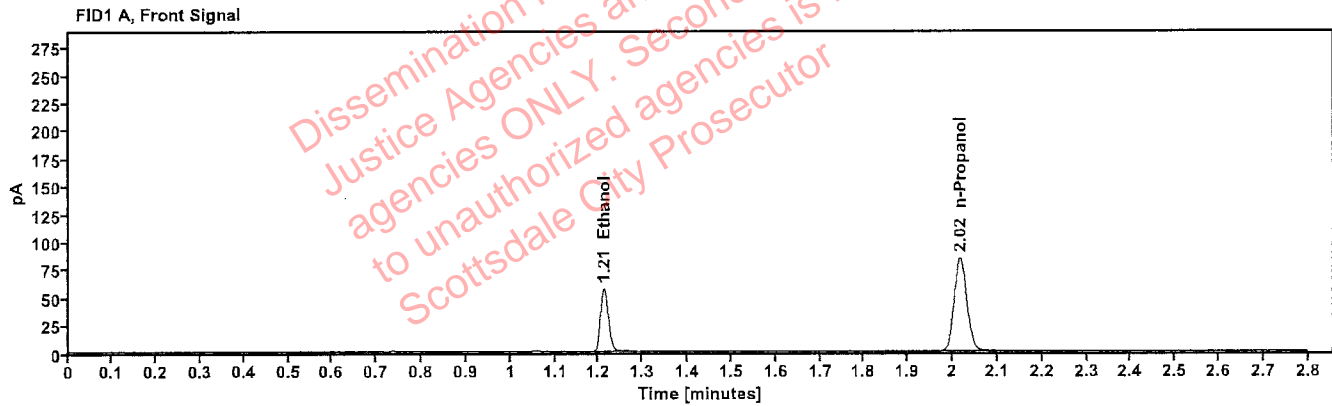


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1130	1.211	72.565
n-Propanol	----	2.017	167.663

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	79.204
n-Propanol	2.437	182.348

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 410062018177	<b>Vial:</b> 46
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Apr23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 4/10/2023 6:29:25 PM
<b>Data file:</b> C:\Chem32\1\Data\10Apr23\46.D	<b>Analyst:</b> Abbott <i>JA</i>

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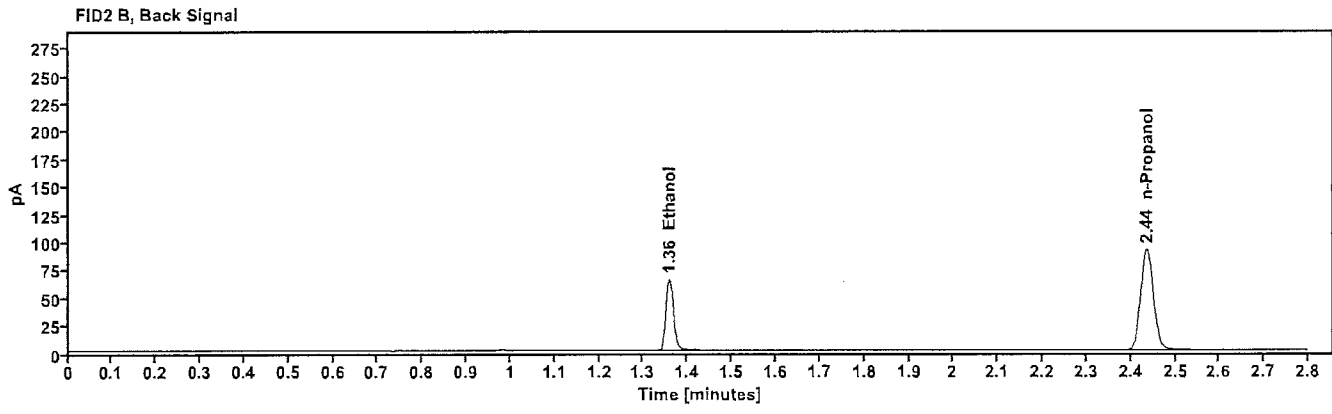
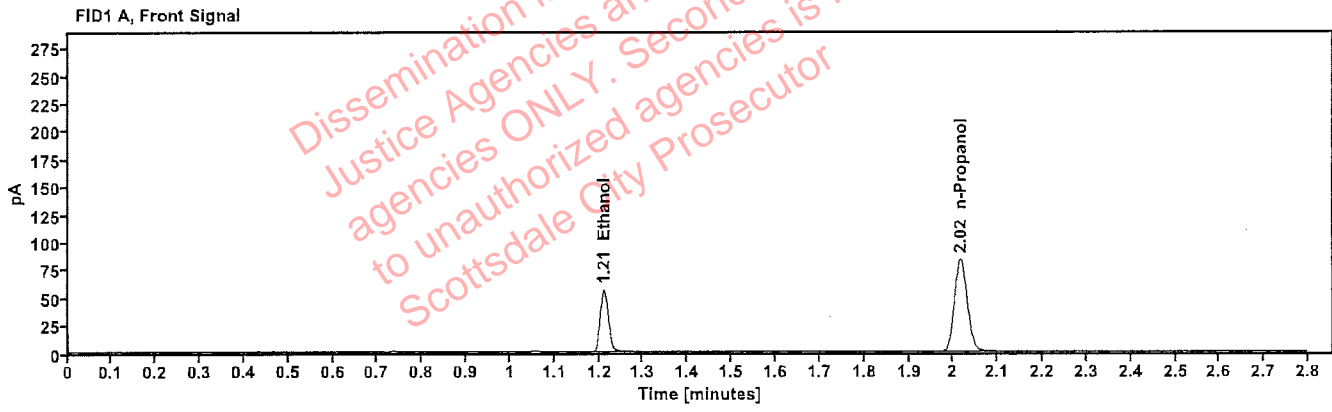


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1124	1.211	71.604
n-Propanol	-----	2.016	166.294

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	78.261
n-Propanol	2.436	180.747



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:33:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\47.D	Analyst:	Abbott <span style="float: right;">Jh</span>

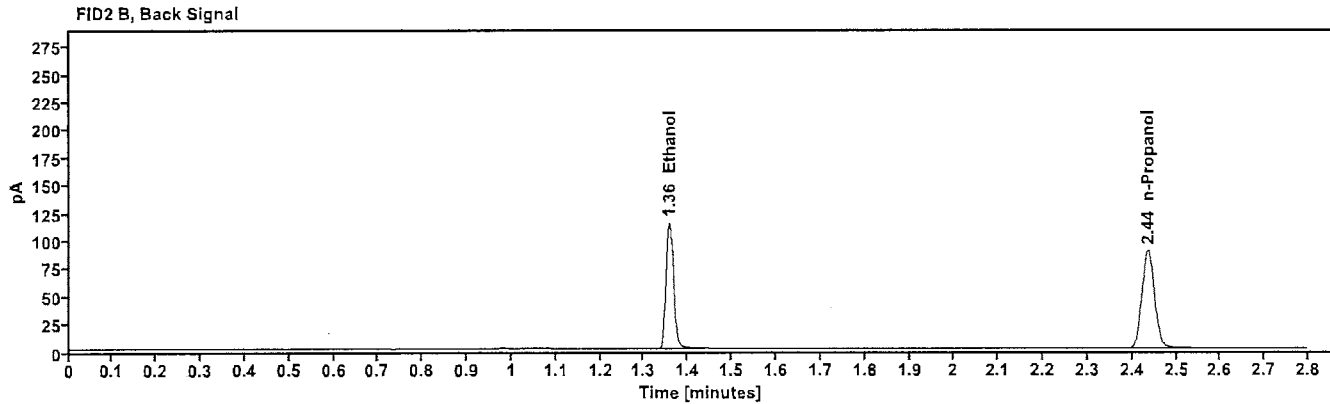
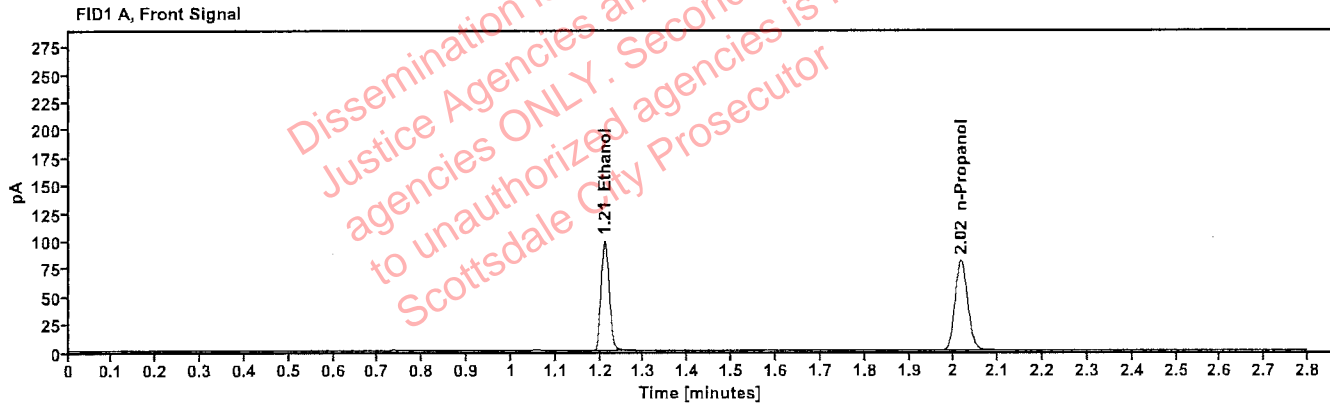


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2039	1.210	126.252
n-Propanol	-----	2.016	161.386

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	138.040
n-Propanol	2.436	175.671

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:37:25 PM
Data file:	C:\Chem32\1\Data\10Apr23\48.D	Analyst:	Abbott <i>JA</i>

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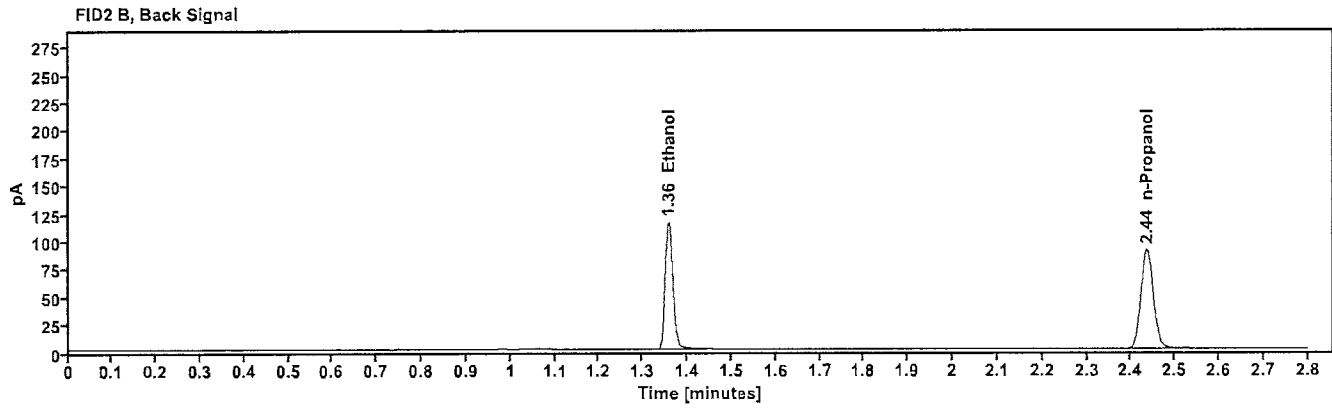
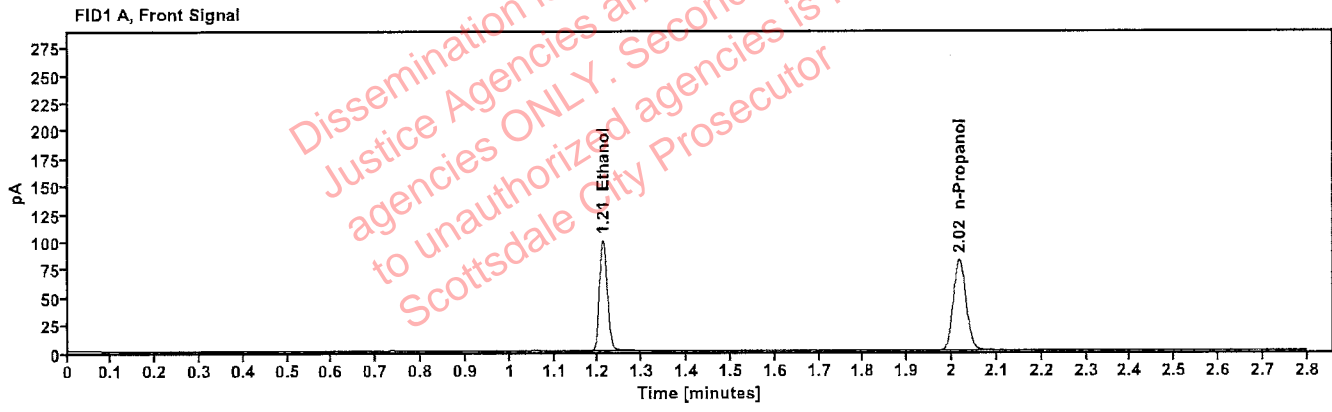


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.210	127.714
n-Propanol	-----	2.016	163.464

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	139.753
n-Propanol	2.436	177.779

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101119254/10	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Apr23
Instrument:	US14173023 CN14160045	Injection date:	4/10/2023 6:41:40 PM
Data file:	C:\Chem32\1\Data\10Apr23\49.D	Analyst:	Abbott <span style="float: right;">ab</span>

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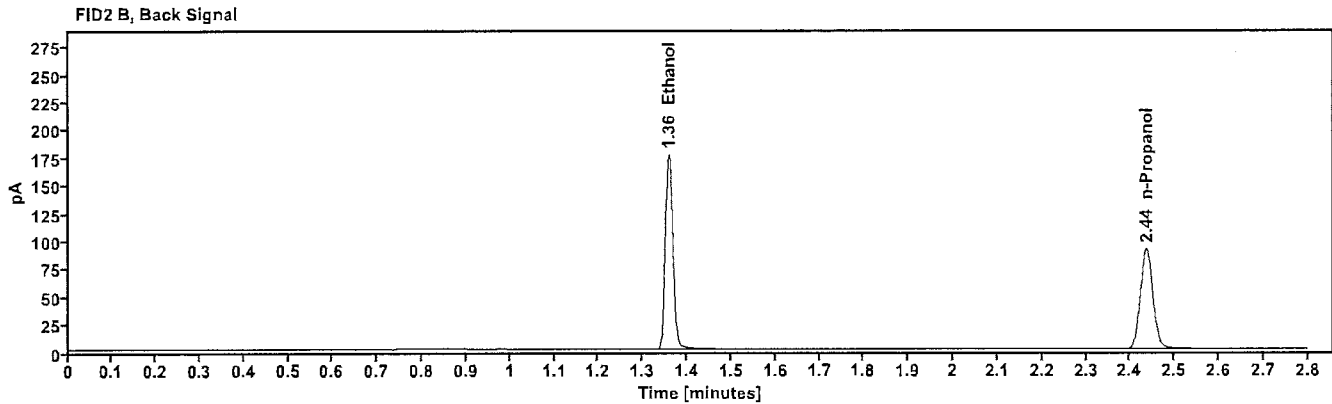
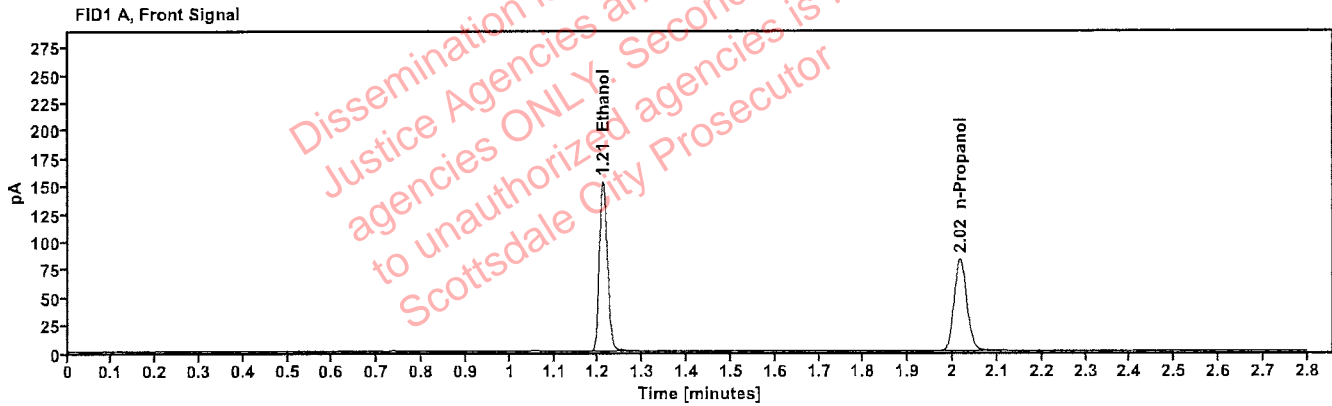


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3069	1.210	194.792
n-Propanol	-----	2.016	165.308

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	213.767
n-Propanol	2.436	179.569

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	4101119254/10	<b>Vial:</b>	50
<b>Description:</b>	[REDACTED]	<b>LIMS ID:</b>	[REDACTED]
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	10Apr23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	4/10/2023 6:45:41 PM
<b>Data file:</b>	C:\Chem32\1\Data\10Apr23\50.D	<b>Analyst:</b>	Abbott <span style="float: right;">[Signature]</span>

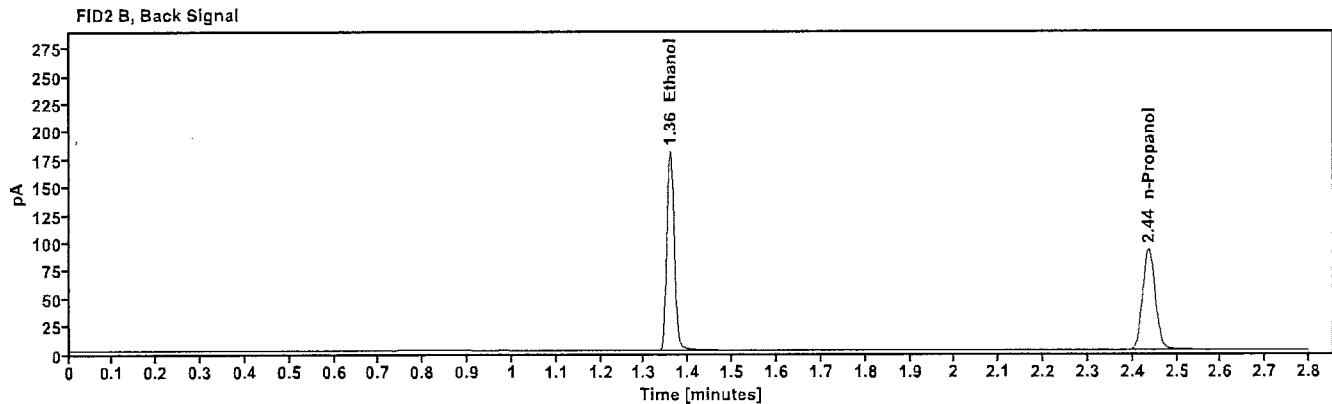
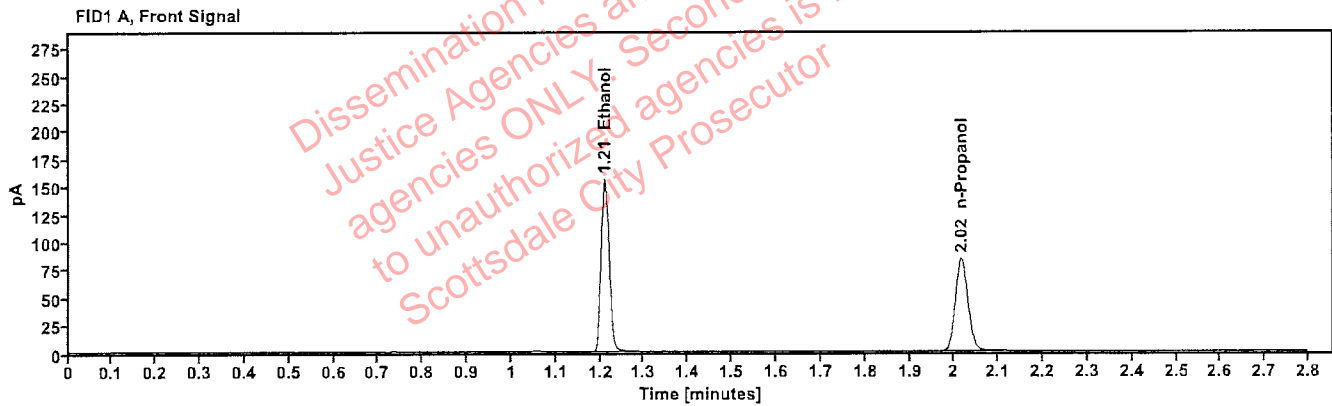


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3094	1.210	198.154
n-Propanol	----	2.016	166.815

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	217.713
n-Propanol	2.436	181.051