

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/25/2020 SEQUENCE NAME 25Aug20

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN02271802 0.99985  
 Vial 3 0.20 calibrator Lot FN06231704  
 Vial 4 0.40 calibrator Lot FN05131606

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
40	Aqueous control	0.400 g/dL	0.396 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
43	Blank	Not detected	Not detected	SPD lab 040919WB

**SUBJECT SAMPLES**

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.  
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 \_\_\_\_\_  
 \_\_\_\_\_

Run valid  Run invalid  AM Abbott Analyst  
 Run valid  Run invalid  Phineas Brooks Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

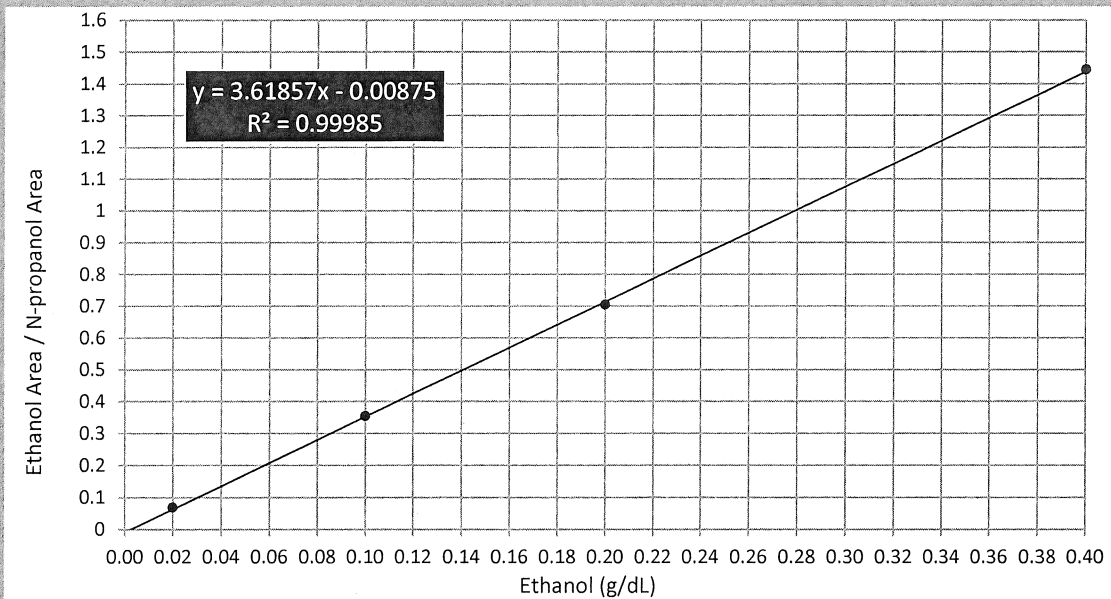
SEQUENCE NAME: 25Aug20

ANALYST: Abbott *AK*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071420AQ	5	negative	negative	-	-
0.400 Lipomed 11092018-A	7	0.398	0.400	0.50	-0.002
0.040 Lipomed 14082019-B	8	0.041	0.040	2.50	0.001
0.198 ACQ 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.400 Lipomed 11092018-A	40	0.396	0.400	1.00	-0.004
0.040 Lipomed 14082019-B	41	0.041	0.040	2.50	0.001
0.198 ACQ 407041529/13	42	0.199	0.198	0.51	0.001
blank 040919WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.762	171.573	0.069
0.100	61.916	174.995	0.354
0.200	122.102	173.314	0.705
0.400	256.488	177.688	1.443

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN06141806	<b>Vial:</b>	1
<b>Description:</b>	0.020 calibrator	<b>Sequence:</b>	25Aug20
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	8/25/2020 2:56:22 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Abbott <i>ph</i>
<b>Data file:</b>	C:\Chem32\1\Data\25Aug20\1.D		

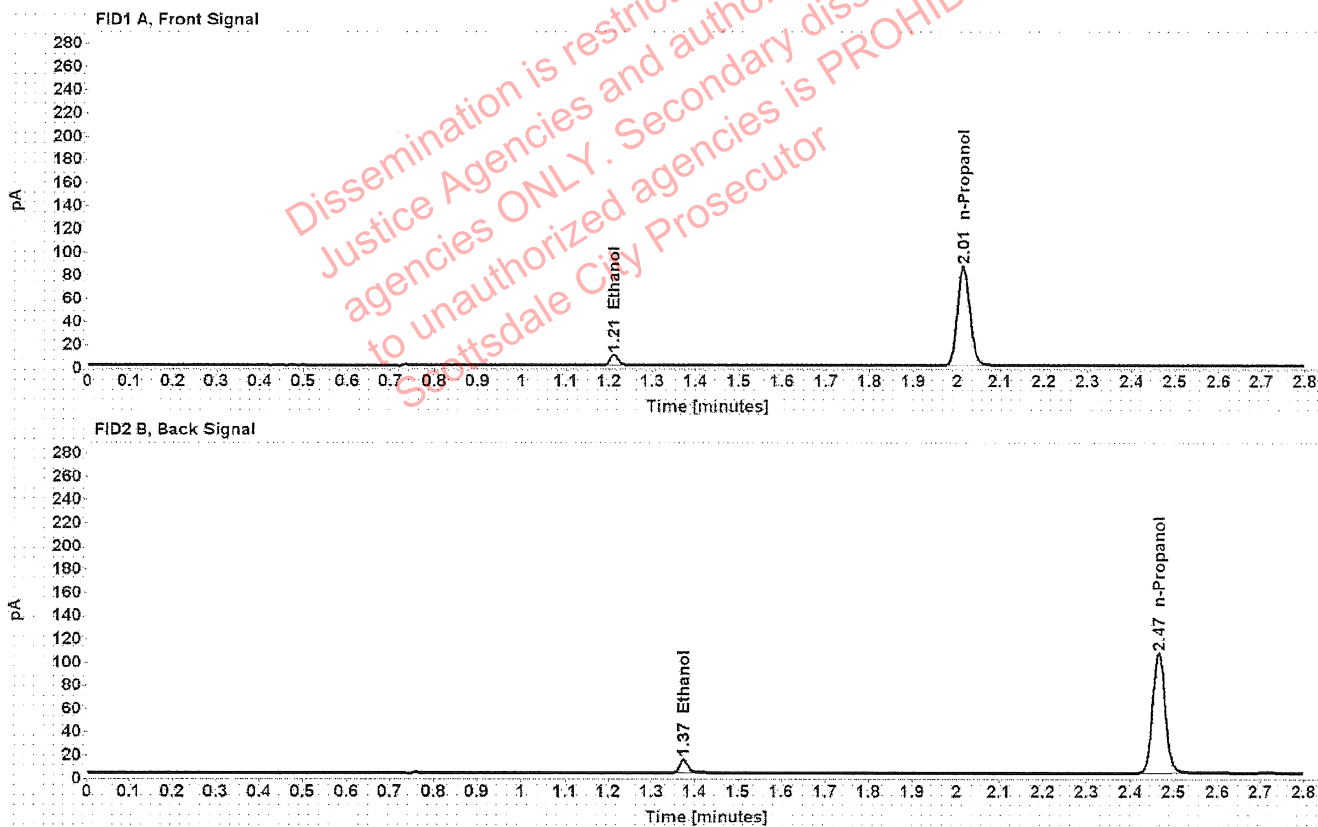


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.762
n-Propanol	2.014	171.573

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.696
n-Propanol	2.465	209.813

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02271802	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 25Aug20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/25/2020 3:00:22 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\25Aug20\2.D	

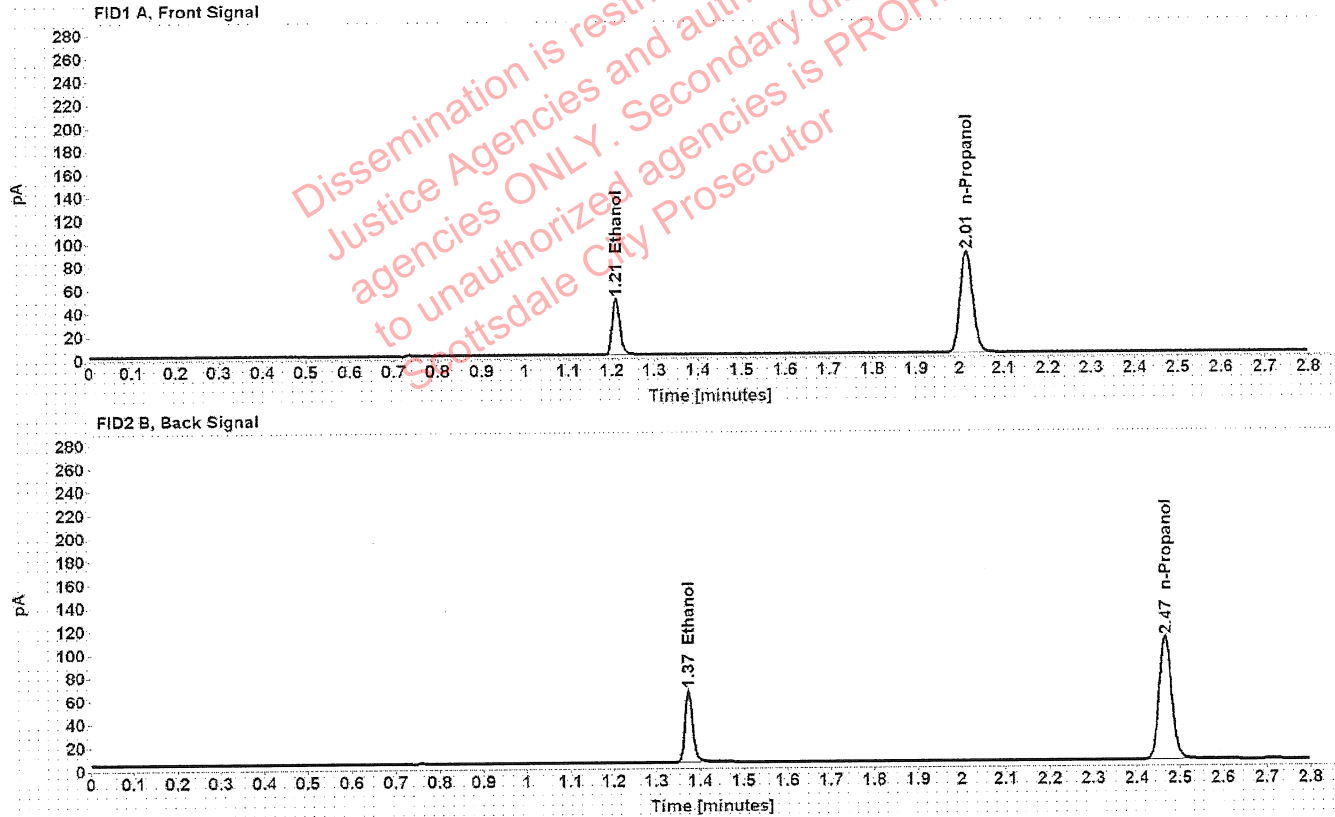


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	61.916
n-Propanol	2.015	174.995

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.321
n-Propanol	2.466	214.741

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN06231704	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 25Aug20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/25/2020 3:04:22 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\25Aug20\3.D	

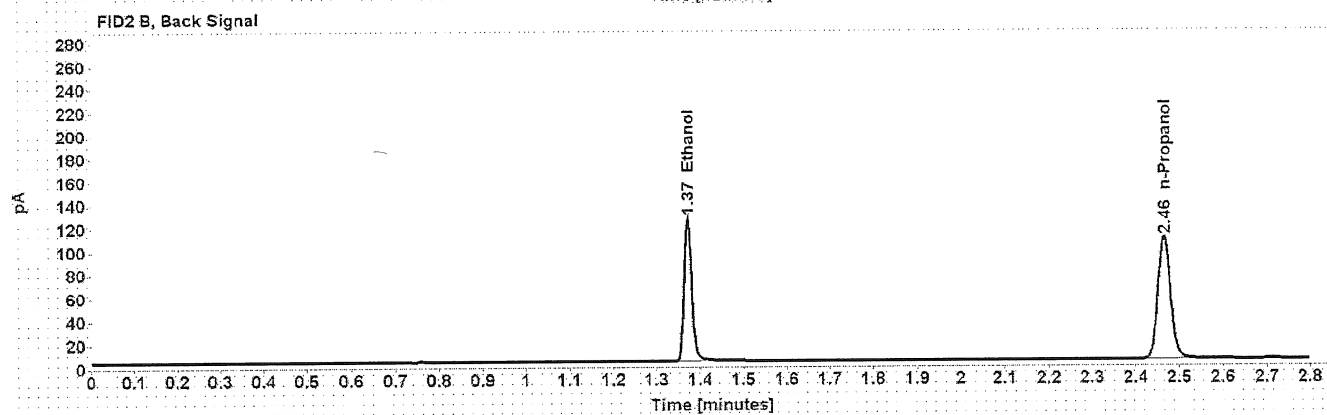
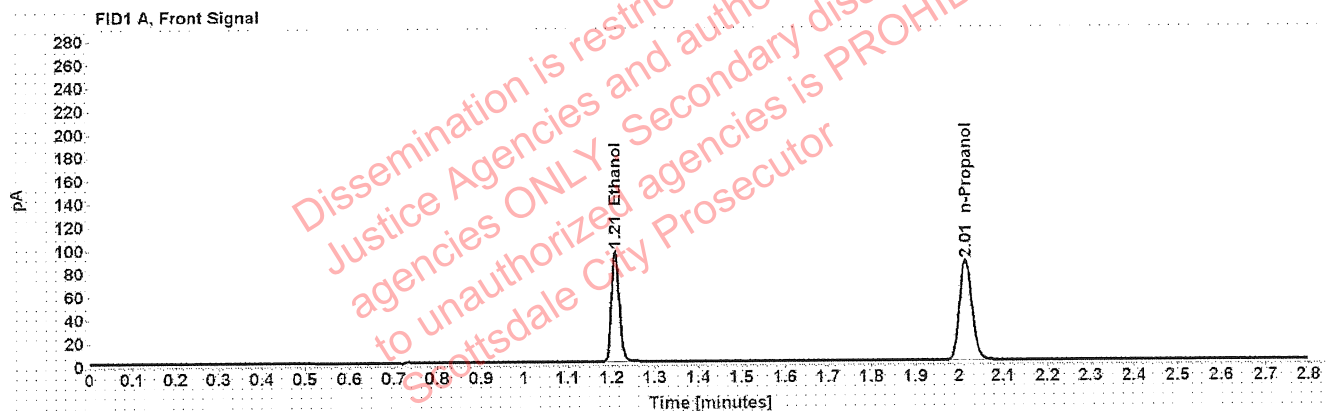


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	122.102
n-Propanol	2.014	173.314

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

Compound	Time (min)	Peak Area
Ethanol	1.372	152.618
n-Propanol	2.465	212.604

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05131606	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 25Aug20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/25/2020 3:08:23 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>ph</i>
<b>Data file:</b> C:\Chem32\1\Data\25Aug20\4.D	

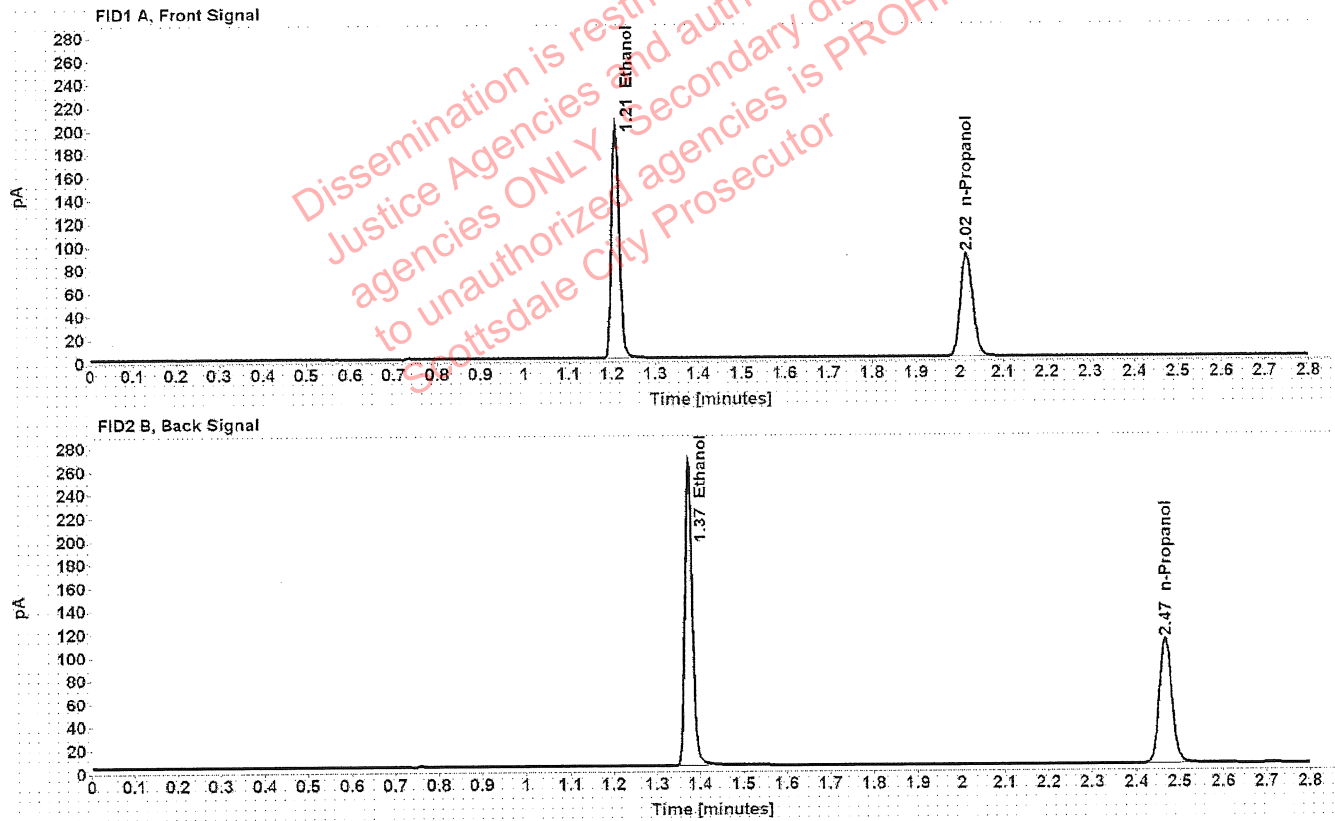


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	256.488
n-Propanol	2.015	177.688

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

Compound	Time (min)	Peak Area
Ethanol	1.374	322.188
n-Propanol	2.467	218.323

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 3:12:24 PM
Data file: C:\Chem32\1\Data\25Aug20\5.D	Analyst: Abbott <i>JA</i>

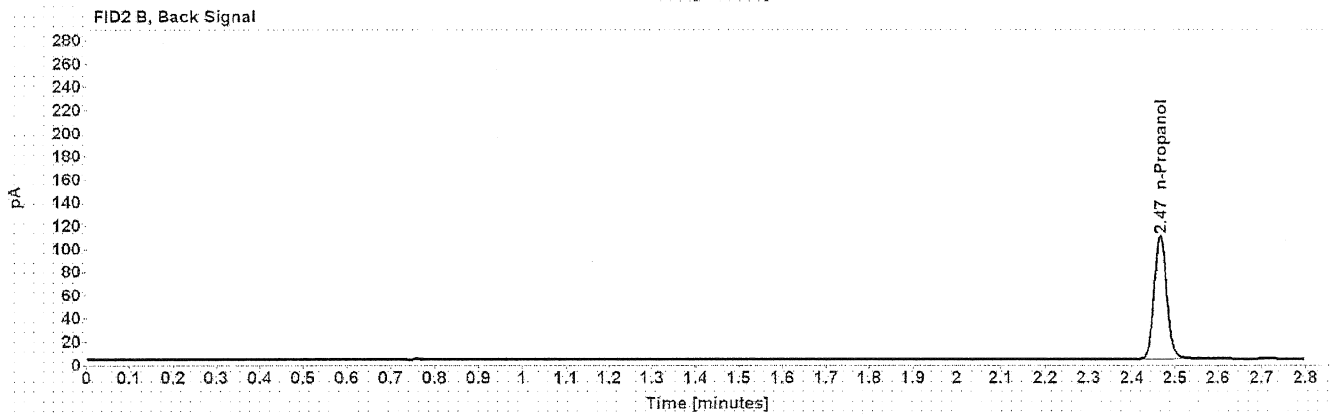
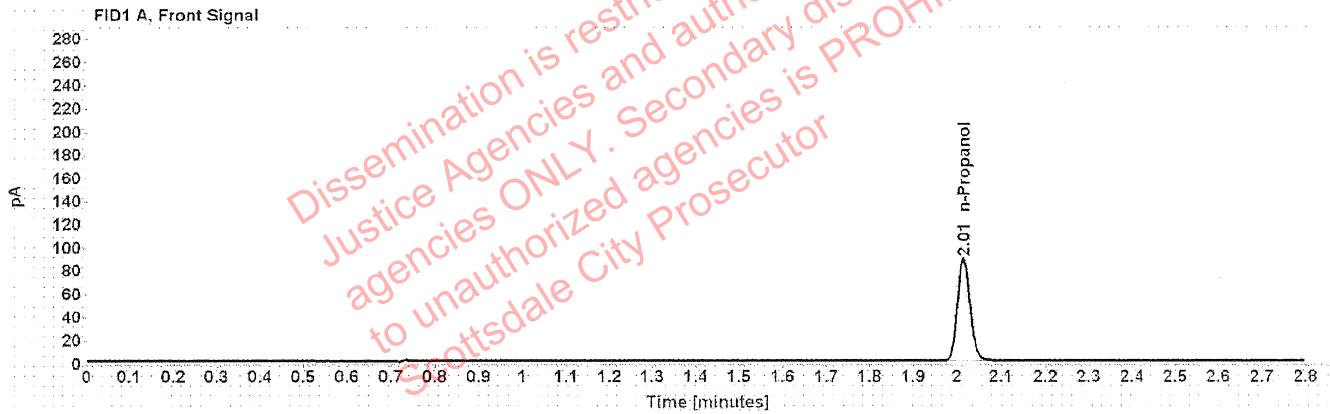


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	176.086

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	215.671

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 070819MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Aug20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/25/2020 3:16:22 PM
<b>Data file:</b> C:\Chem32\1\Data\25Aug20\6.D	<b>Analyst:</b> Abbott

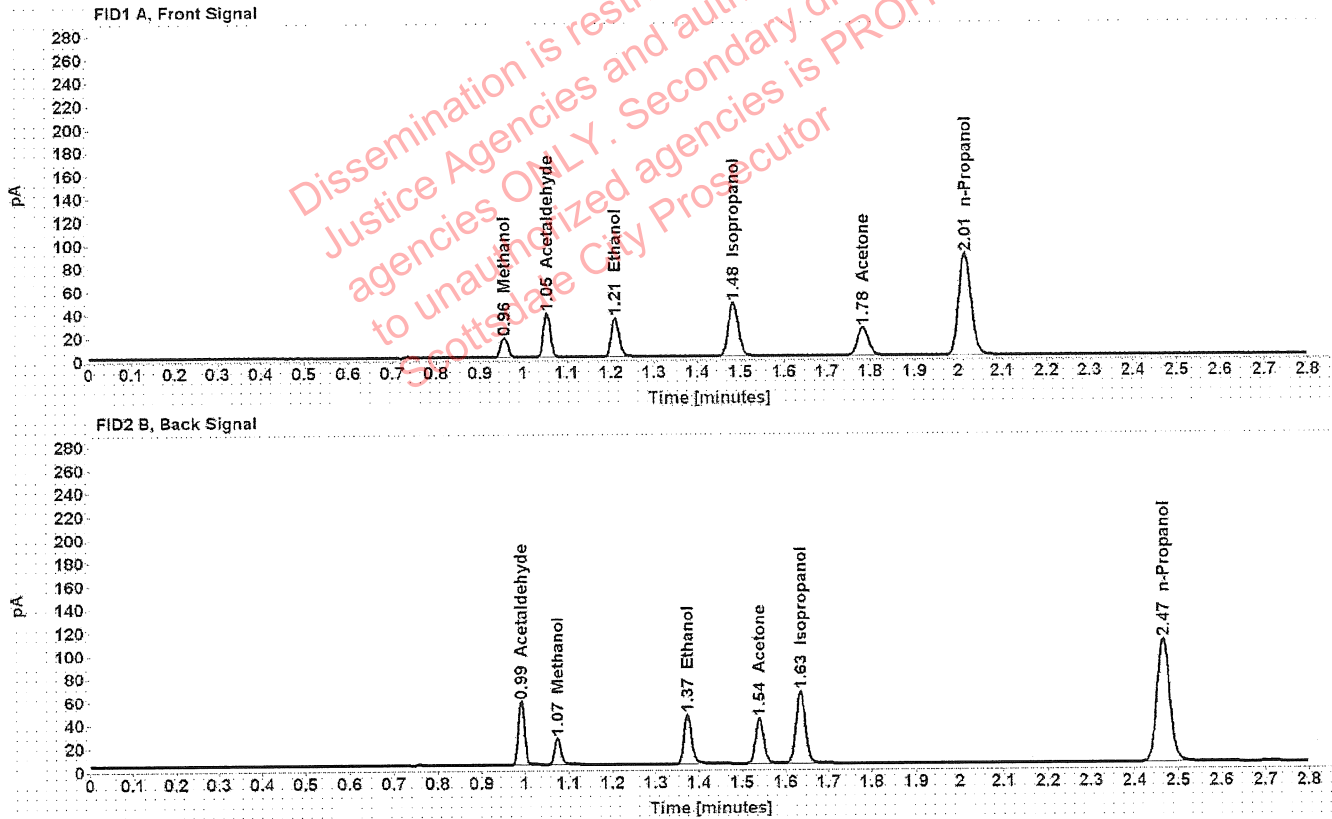


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	19.036
Acetaldehyde	-----	1.054	41.674
>Ethanol	0.0703	1.210	43.127
Isopropanol	-----	1.483	73.950
Acetone	-----	1.783	41.964
n-Propanol	-----	2.014	175.601

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	54.018
Methanol	1.075	24.547
Ethanol	1.373	53.693
Acetone	1.540	51.691
Isopropanol	1.635	94.773
n-Propanol	2.466	215.682



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 3:20:38 PM
Data file: C:\Chem32\1\Data\25Aug20\7.D	Analyst: Abbott <i>dr</i>

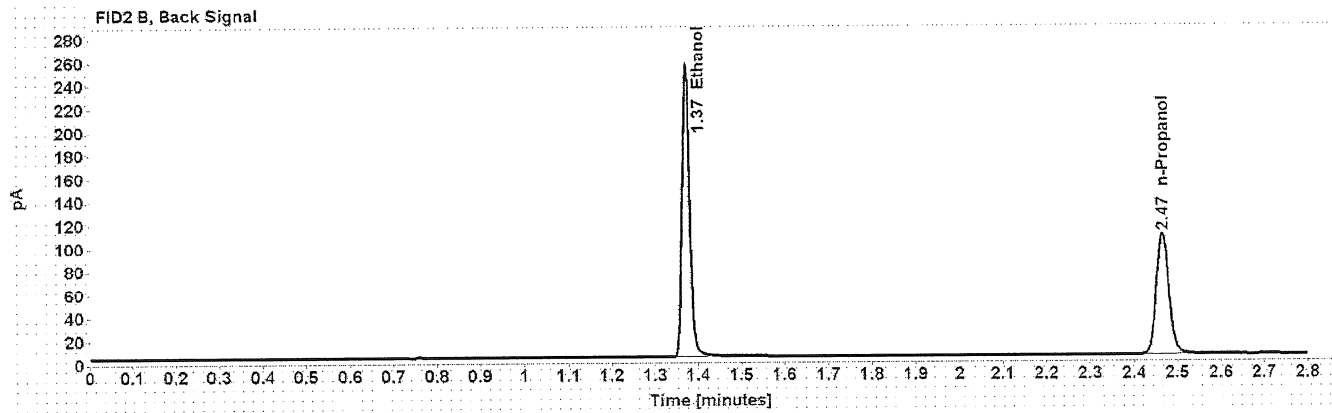
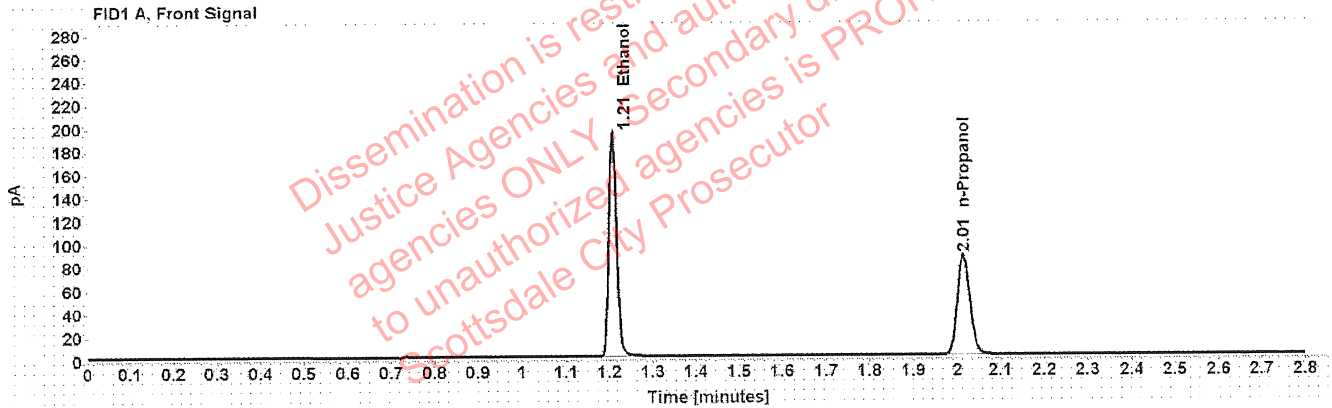


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3980	1.208	247.734
n-Propanol	-----	2.014	173.083

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

Compound	Time (min)	Peak Area
Ethanol	1.372	310.937
n-Propanol	2.466	212.518

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 3:24:39 PM
Data file: C:\Chem32\1\Data\25Aug20\8.D	Analyst: Abbott <span style="float: right;">JA</span>

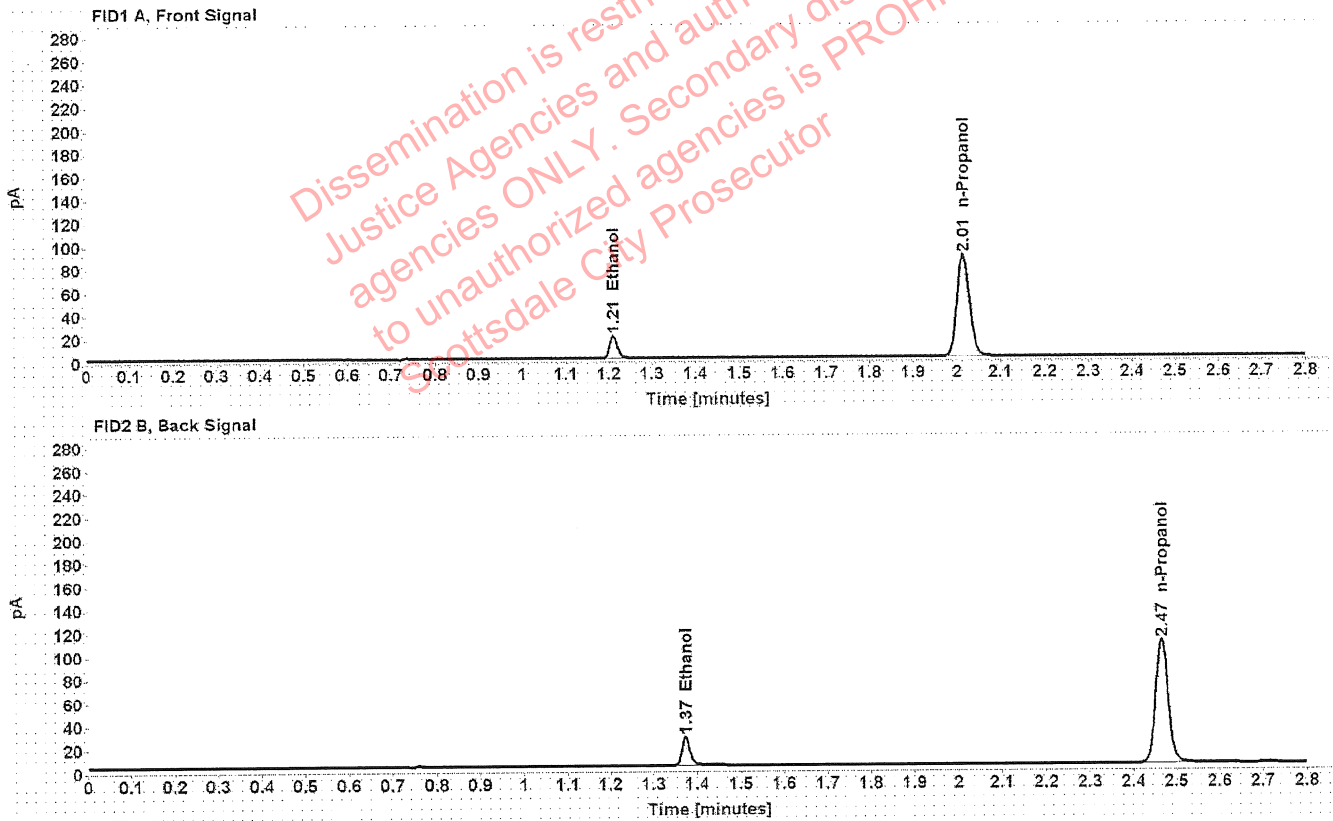


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.210	24.995
n-Propanol	-----	2.014	176.431

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.146
n-Propanol	2.465	216.177

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 3:28:37 PM
Data file: C:\Chem32\1\Data\25Aug20\9.D	Analyst: Abbott

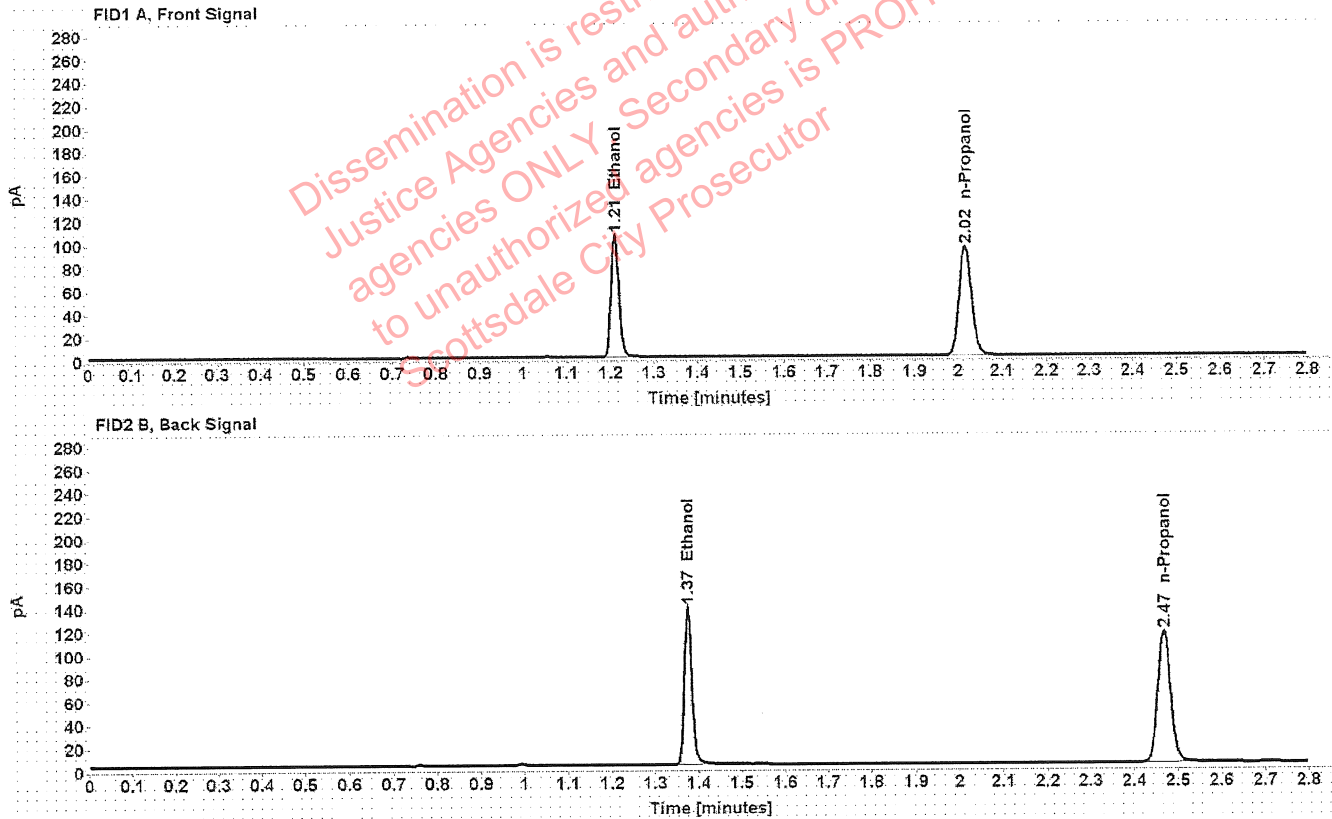


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.210	135.293
n-Propanol	-----	2.016	188.477

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

Compound	Time (min)	Peak Area
Ethanol	1.375	168.925
n-Propanol	2.468	230.963

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 4:13:07 PM
Data file: C:\Chem32\1\Data\25Aug20\20.D	Analyst: Abbott <i>dh</i>

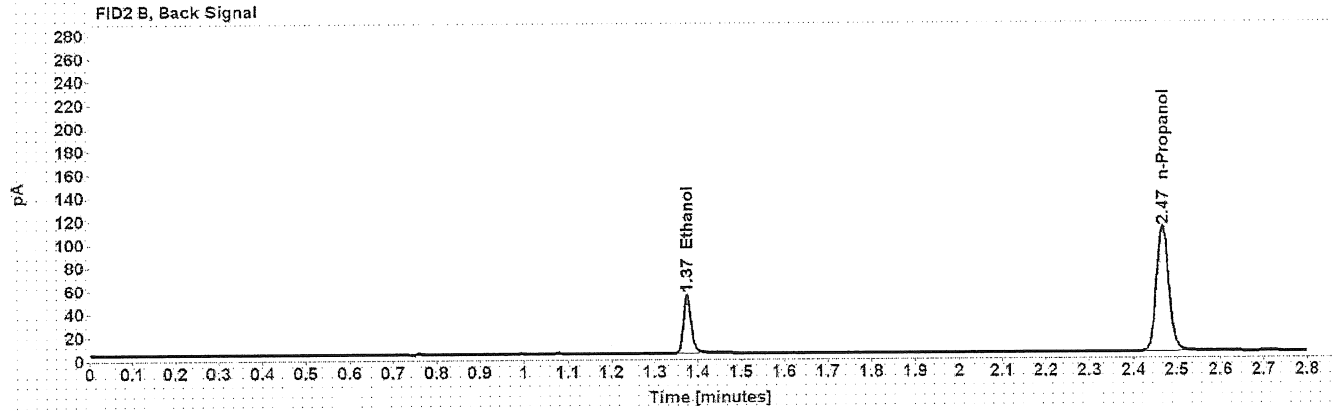
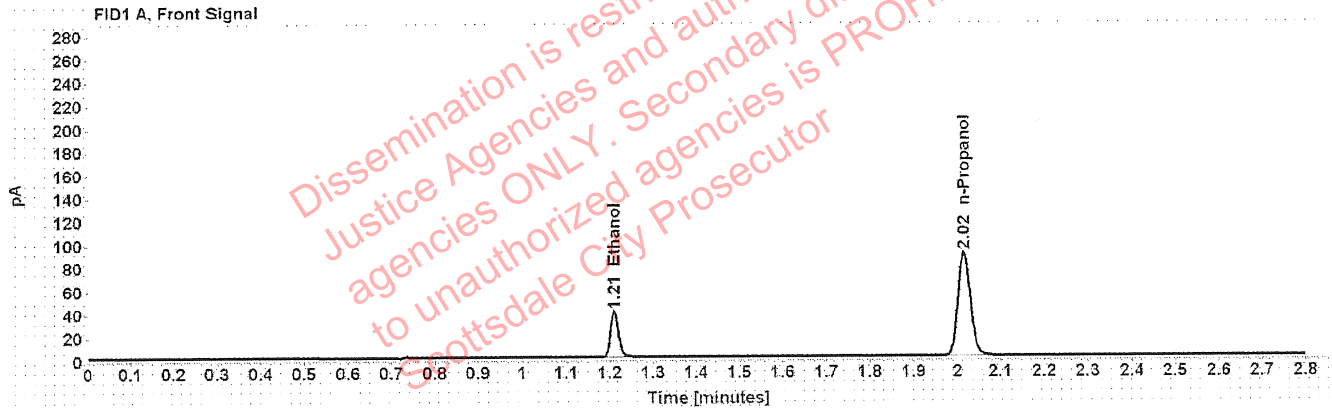


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.210	50.834
n-Propanol	-----	2.015	178.922

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

Compound	Time (min)	Peak Area
Ethanol	1.375	63.169
n-Propanol	2.467	218.528

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:57:39 PM
Data file:	C:\Chem32\1\Data\25Aug20\31.D	Analyst:	Abbott <i>gh</i>

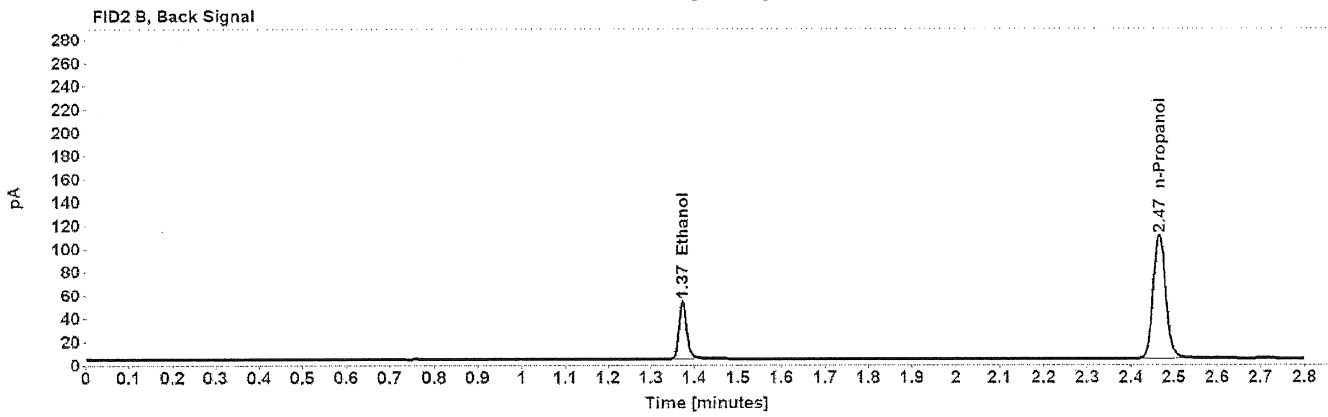
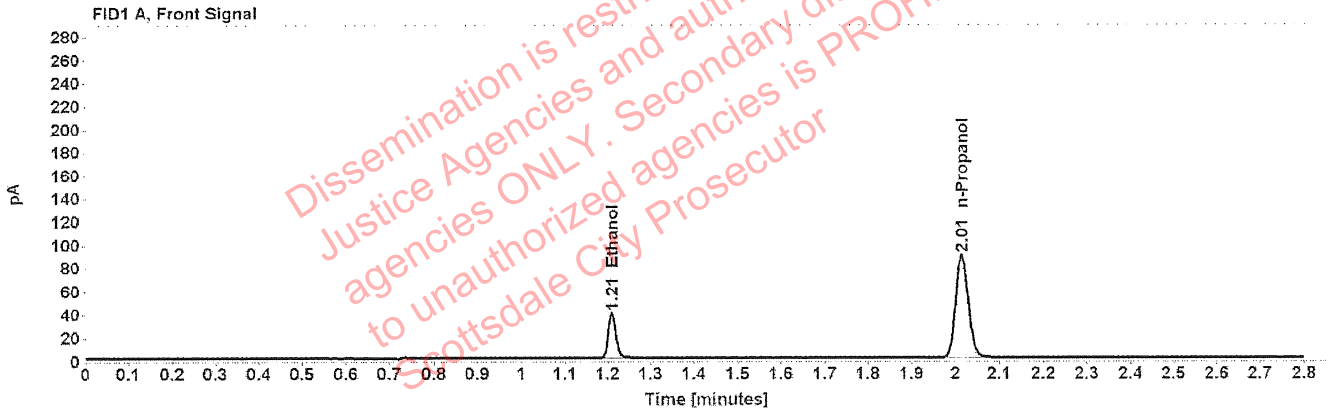


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.209	50.257
n-Propanol	-----	2.014	177.839

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.298
n-Propanol	2.466	217.082

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 40
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 5:33:51 PM
Data file: C:\Chem32\1\Data\25Aug20\40.D	Analyst: Abbott

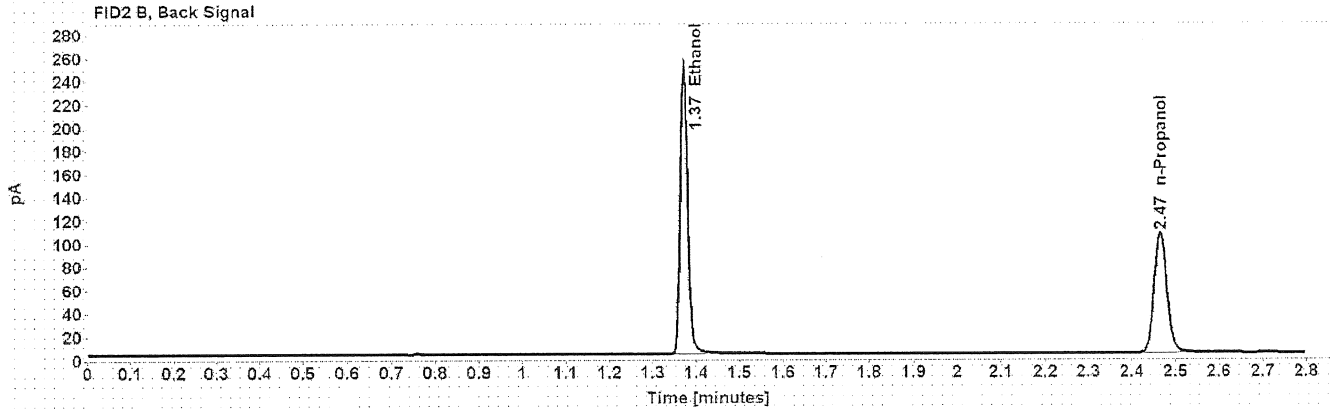
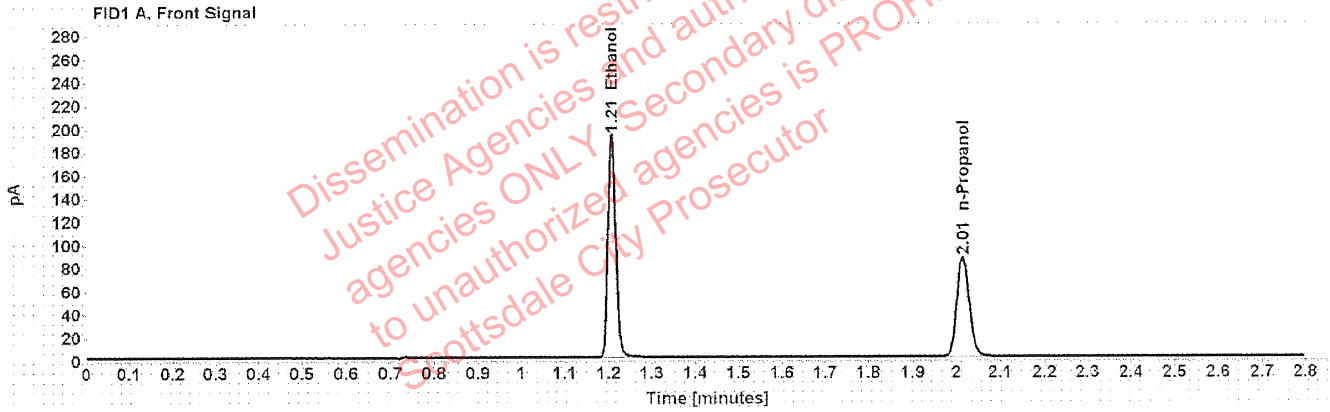


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3962	1.208	245.437
n-Propanol	-----	2.014	172.256

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

Compound	Time (min)	Peak Area
Ethanol	1.372	307.467
n-Propanol	2.466	210.869

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 41
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 5:37:53 PM
Data file: C:\Chem32\1\Data\25Aug20\41.D	Analyst: Abbott

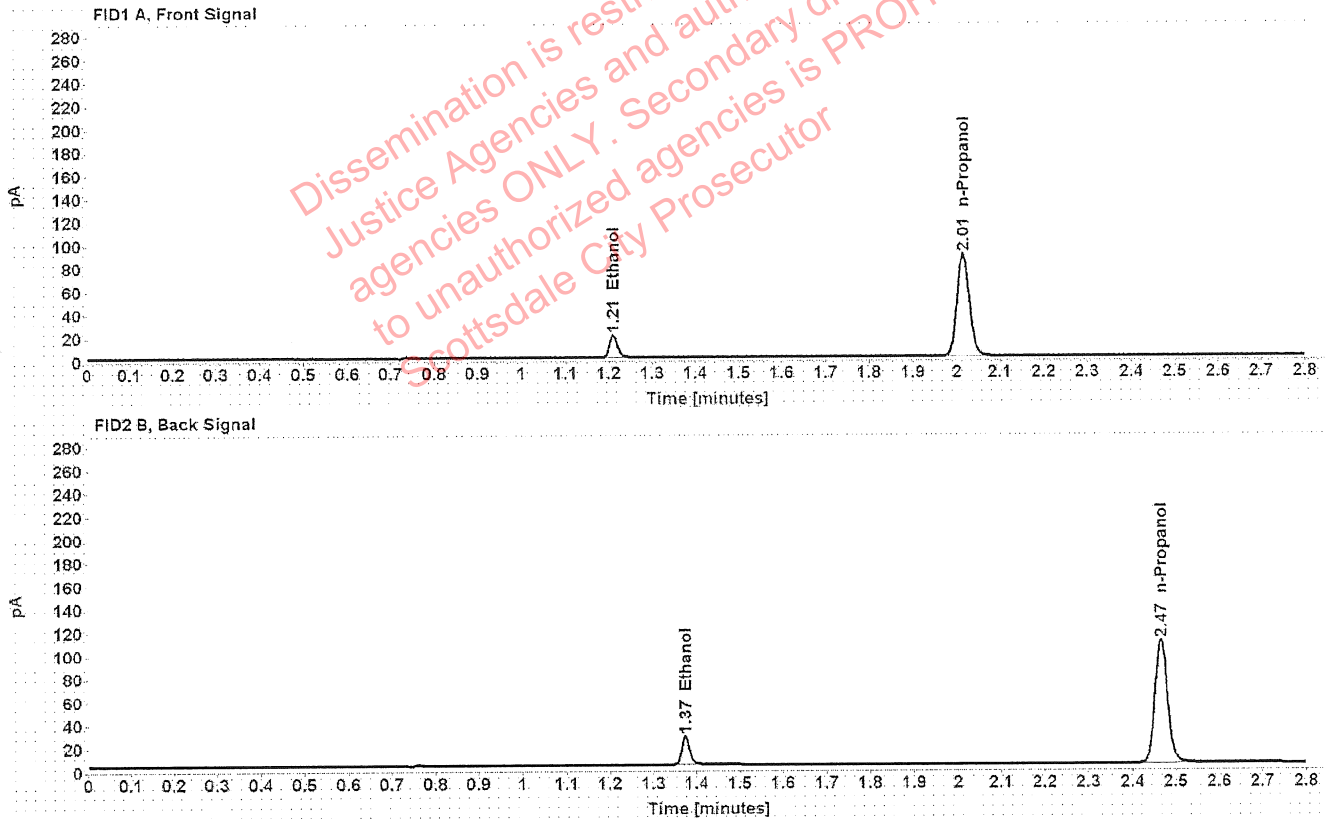


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.210	25.023
n-Propanol	-----	2.014	177.285

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.997
n-Propanol	2.466	216.523

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 5:41:52 PM
Data file: C:\Chem32\1\Data\25Aug20\42.D	Analyst: Abbott <i>[Signature]</i>

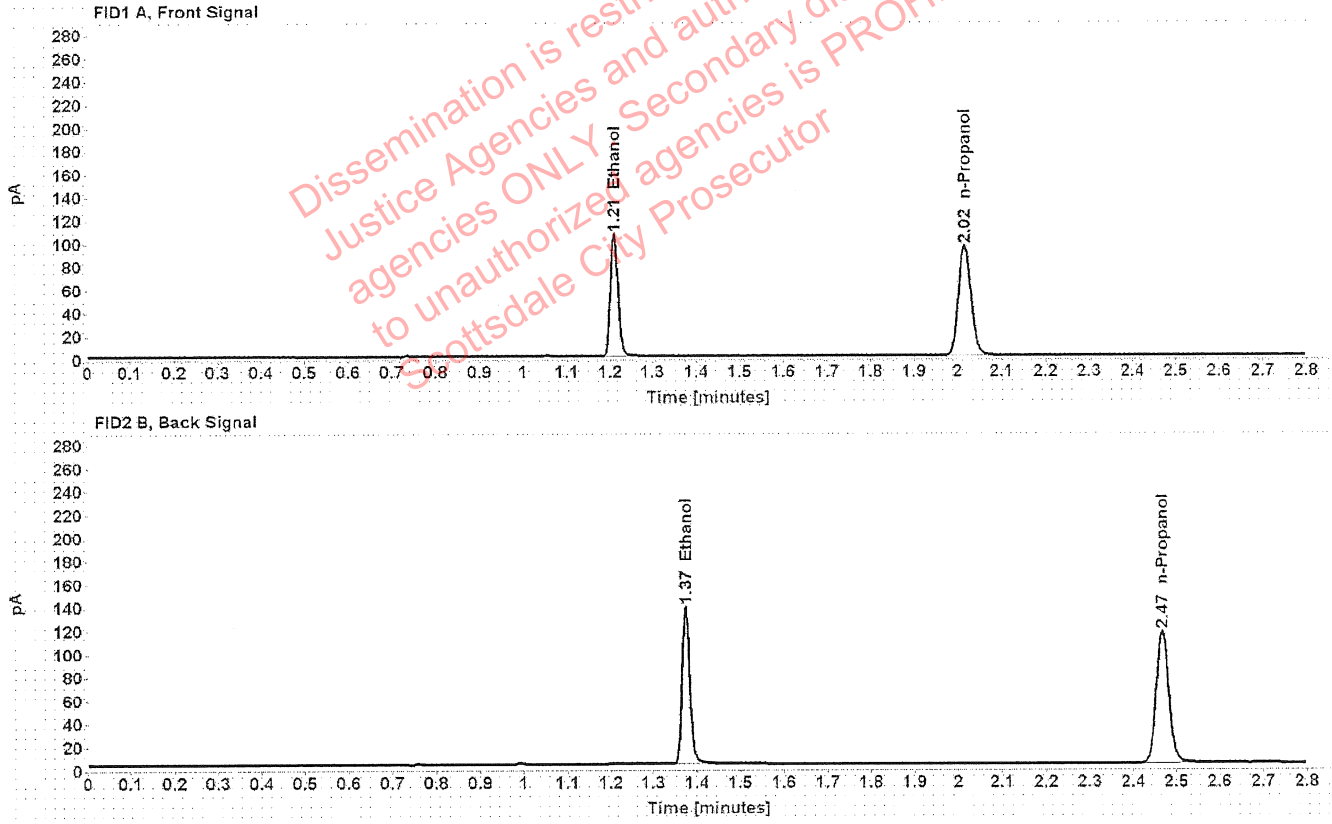


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1993	1.209	135.242
n-Propanol	-----	2.015	189.858

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

Compound	Time (min)	Peak Area
Ethanol	1.374	168.594
n-Propanol	2.467	232.377



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 43
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 25Aug20
Instrument: US14173023 CN14160045	Injection date: 8/25/2020 5:46:08 PM
Data file: C:\Chem32\1\Data\25Aug20\43.D	Analyst: Abbott

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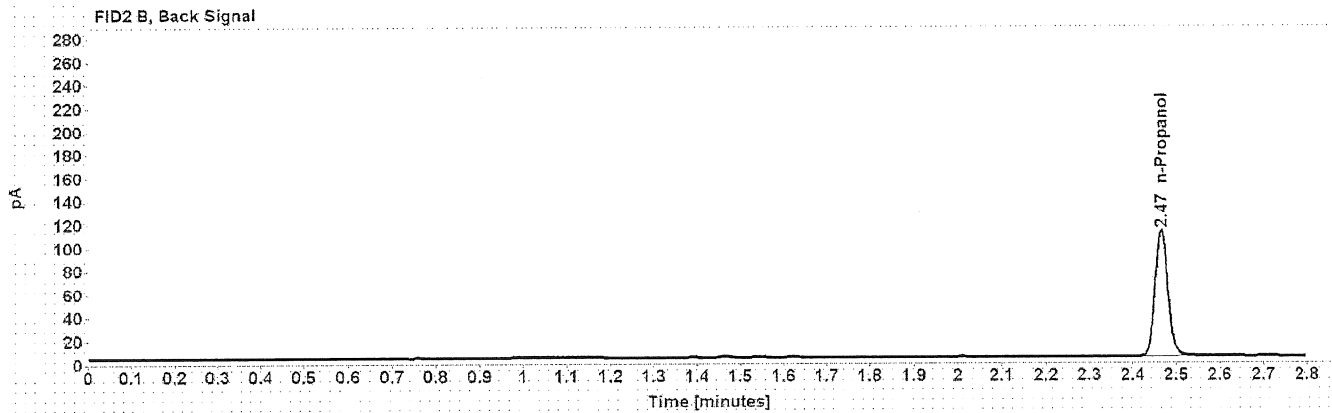
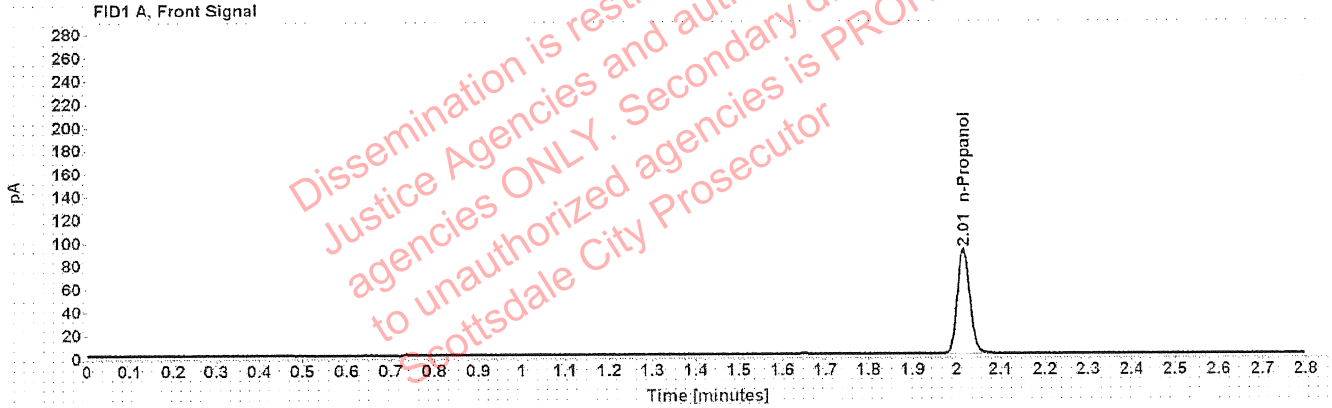


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	180.966

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	220.875

# Sequence Summary

Sequence name: 25Aug20      Instrument: US14173023 CN14160045      Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	071420AQ	Negative	Control		ethanol quant.M
6	070819MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10	1317850		Sample		ethanol quant.M
11	1317850		Sample		ethanol quant.M
12	1333290		Sample		ethanol quant.M
13	1333290		Sample		ethanol quant.M
14	33501BS		Sample		ethanol quant.M
15	33501BS		Sample		ethanol quant.M
16	359001		Sample		ethanol quant.M
17	359001		Sample		ethanol quant.M
18	1333500		Sample		ethanol quant.M
19	1333500		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1333257		Sample		ethanol quant.M
22	1333257		Sample		ethanol quant.M
23	1334233		Sample		ethanol quant.M
24	1334233		Sample		ethanol quant.M
25	1331703		Sample		ethanol quant.M
26	1331703		Sample		ethanol quant.M
27	1330948		Sample		ethanol quant.M
28	1330948		Sample		ethanol quant.M
29	1334857		Sample		ethanol quant.M
30	1334857		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1334402		Sample		ethanol quant.M
33	1334402		Sample		ethanol quant.M
34	1334240		Sample		ethanol quant.M
35	1334240		Sample		ethanol quant.M
36	1334855		Sample		ethanol quant.M
37	1334855		Sample		ethanol quant.M
38	1313202		Sample		ethanol quant.M
39	1313202		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	040919WB	Negative	Control		ethanol quant.M

# Scottsdale Police Department Crime Laboratory Summary of Cases

*Abbott*

SEQUENCE NAME: 25Aug20

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1617	0.1603	0.16100	0.43	0.00070
12 13	0.1660	0.1661	0.16605	0.03	0.00005
14 15	0.2283	0.2306	0.22945	0.50	0.00115
16 17	0.2183	0.2159	0.21710	0.55	0.00120
18 19	0.1545	0.1557	0.15510	0.39	0.00060
21 22	0.1741	0.1750	0.17455	0.26	0.00045
23 24	0.2629	0.2659	0.26440	0.57	0.00150
25 26	0.3159	0.3170	0.31645	0.17	0.00055
27 28	0.1629	0.1616	0.16225	0.40	0.00065
29 30	0.1146	0.1138	0.11420	0.35	0.00040
32 33	0.2599	0.2622	0.26105	0.44	0.00115
34 35	0.3010	0.2993	0.30015	0.28	0.00085
36 37	0.0725	0.0708	0.07165	1.19	0.00085
38 39	0.0848	0.0843	0.08455	0.30	0.00025

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

This information is restricted to Criminal Justice Agencies and its use by other agencies to unauthorized agencies is PROHIBITED.



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317850	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:32:39 PM
Data file:	C:\Chem32\1\Data\25Aug20\10.D	Analyst:	Abbott

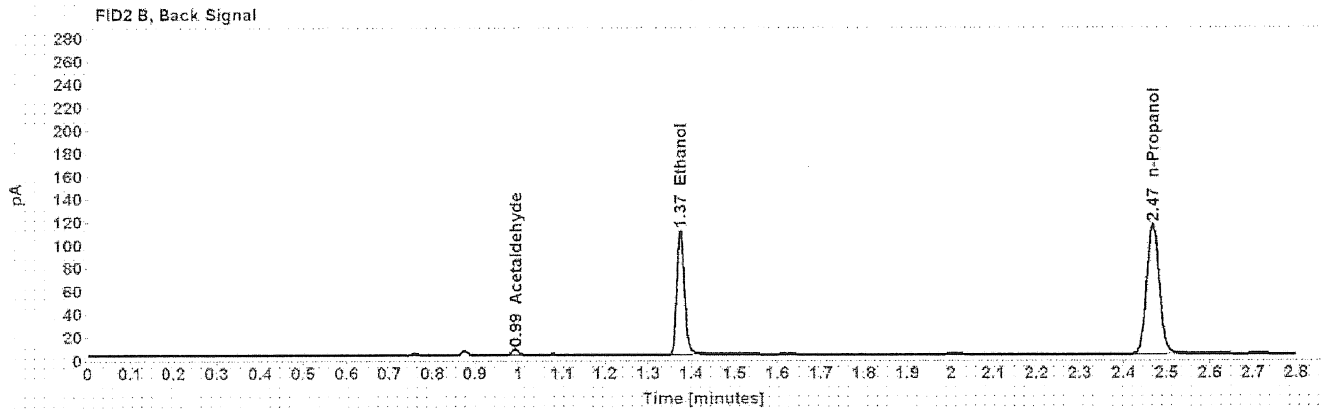
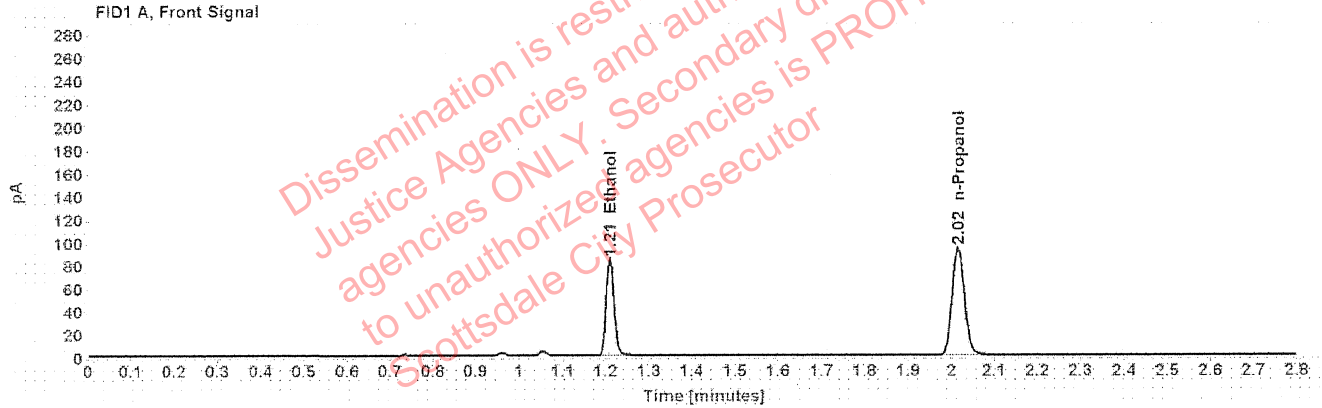


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1617	1.210	107.780
n-Propanol	-----	2.016	187.039

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.858
Ethanol	1.375	134.215
n-Propanol	2.468	229.535

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317850	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:36:39 PM
Data file:	C:\Chem32\1\Data\25Aug20\11.D	Analyst:	Abbott

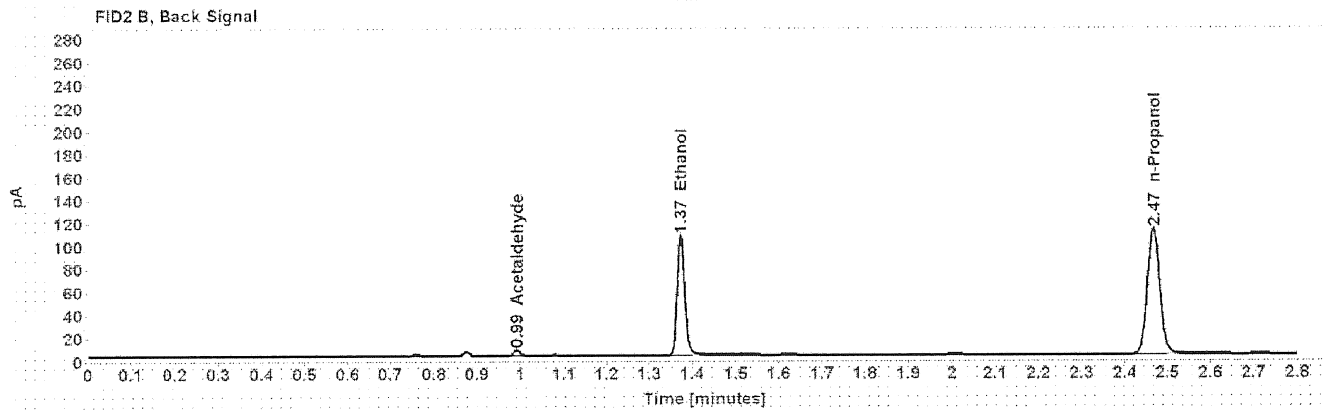
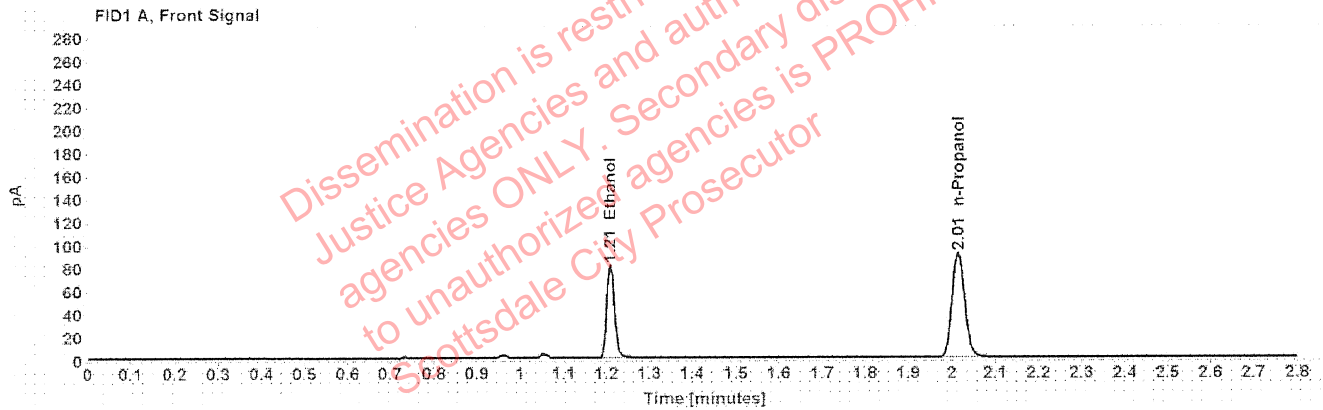


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1603	1.209	103.609
n-Propanol	-----	2.015	181.311

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.595
Ethanol	1.373	129.057
n-Propanol	2.466	222.355

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333290	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:40:38 PM
Data file:	C:\Chem32\1\Data\25Aug20\12.D	Analyst:	Abbott

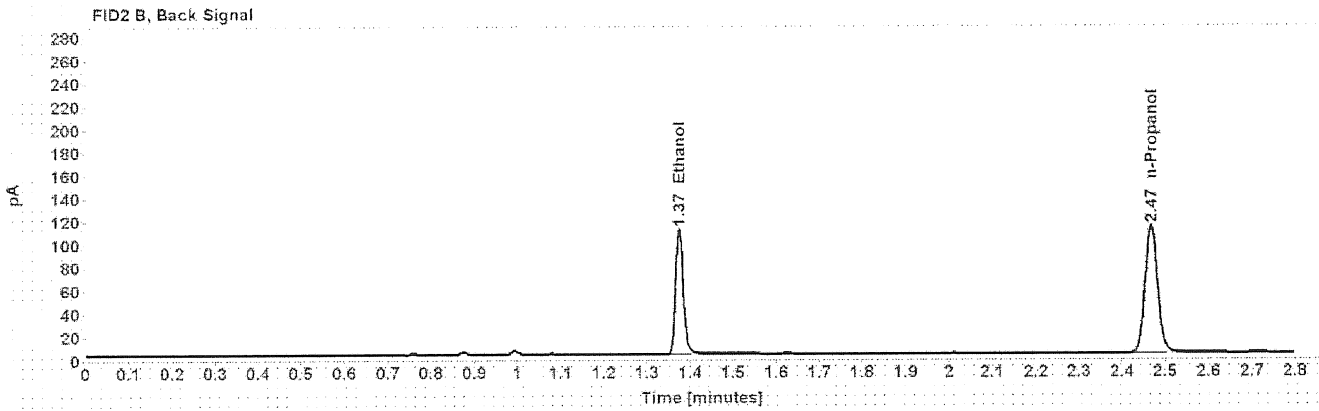
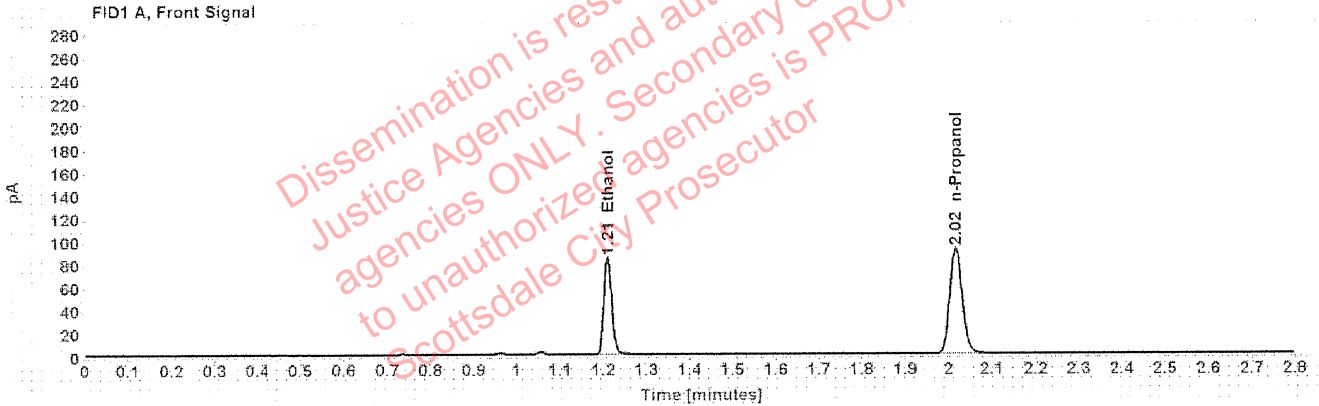


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1660	1.210	108.325
n-Propanol	-----	2.016	183.011

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

Compound	Time (min)	Peak Area
Ethanol	1.375	135.061
n-Propanol	2.467	224.201

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333290	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:44:52 PM
Data file:	C:\Chem32\1\Data\25Aug20\13.D	Analyst:	Abbott

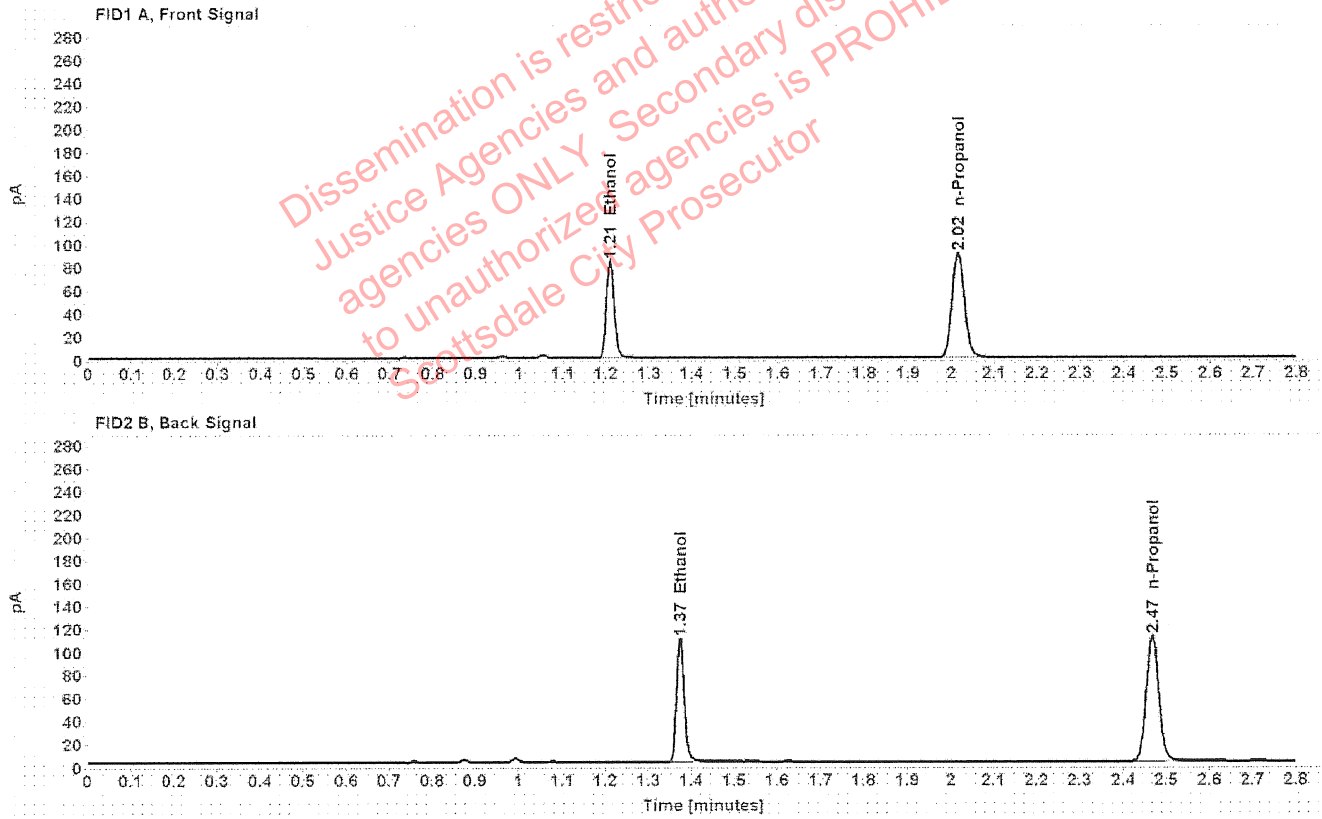


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1661	1.210	107.314
n-Propanol	-----	2.016	181.175

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

Compound	Time (min)	Peak Area
Ethanol	1.374	133.784
n-Propanol	2.467	221.587



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33501BS	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:48:53 PM
Data file:	C:\Chem32\1\Data\25Aug20\14.D	Analyst:	Abbott

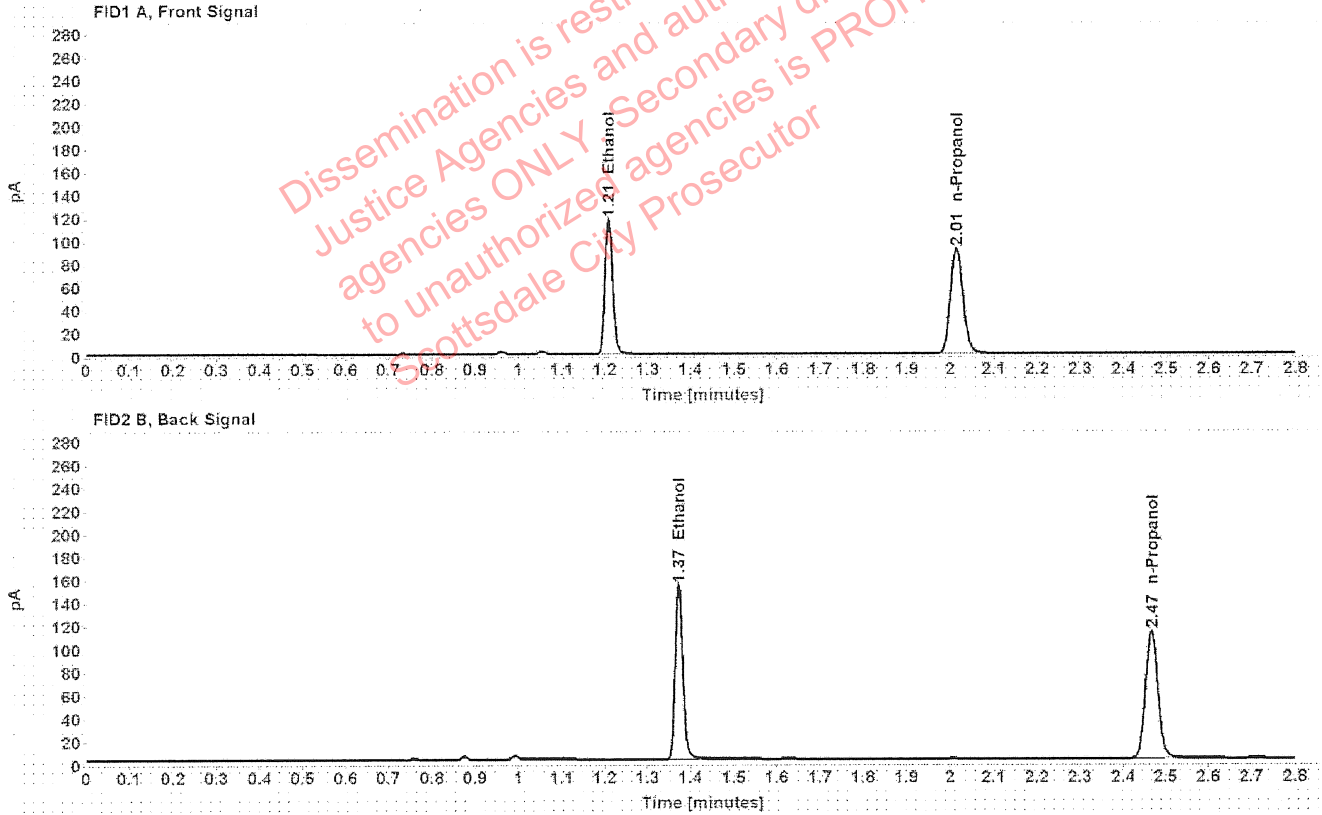


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2283	1.209	149.921
n-Propanol	-----	2.015	183.390

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

Compound	Time (min)	Peak Area
Ethanol	1.373	187.714
n-Propanol	2.466	224.238

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33501BS	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:52:53 PM
Data file:	C:\Chem32\1\Data\25Aug20\15.D	Analyst:	Abbott

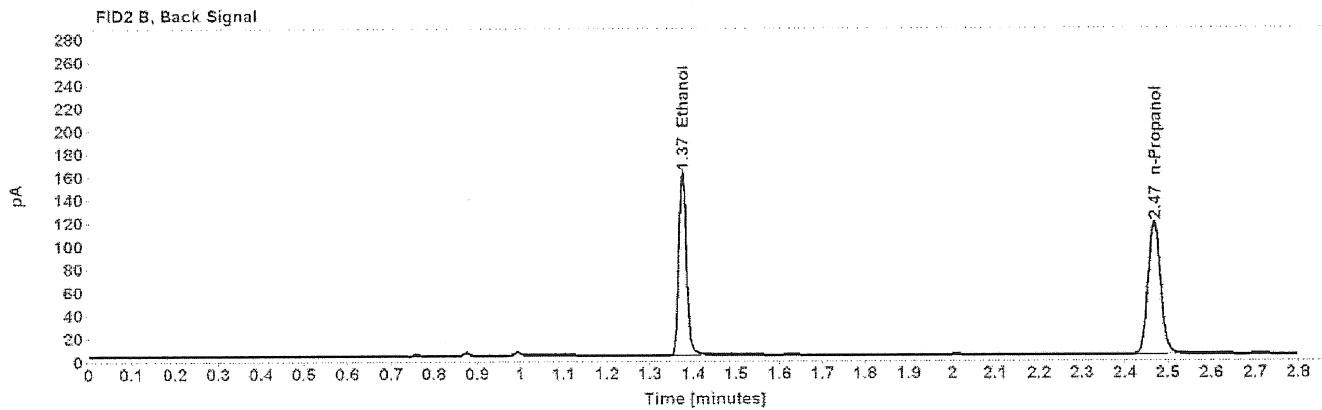
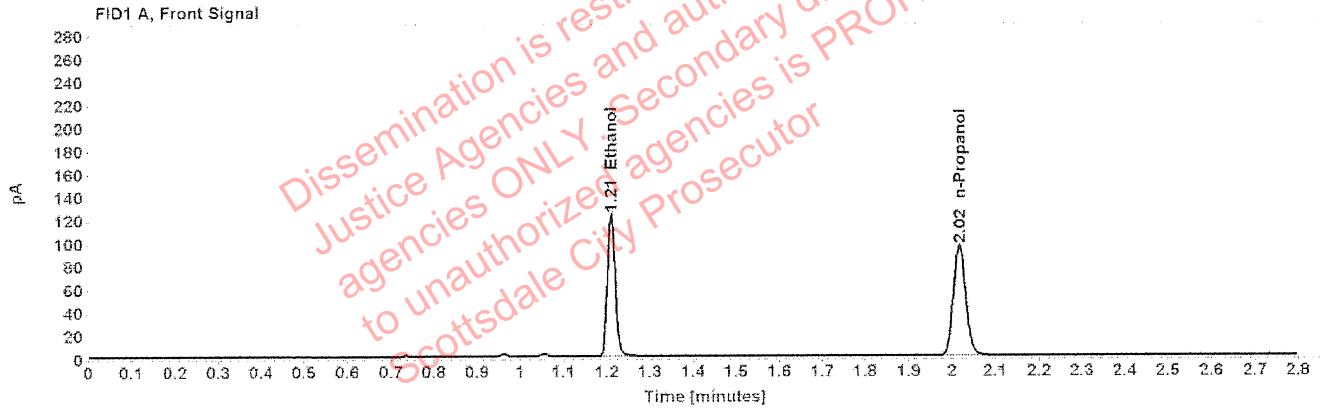


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2306	1.210	157.160
n-Propanol	-----	2.016	190.341

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

Compound	Time (min)	Peak Area
Ethanol	1.375	197.016
n-Propanol	2.468	232.850

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	359001	Vial:	16
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 3:56:53 PM
Data file:	C:\Chem32\1\Data\25Aug20\16.D	Analyst:	Abbott

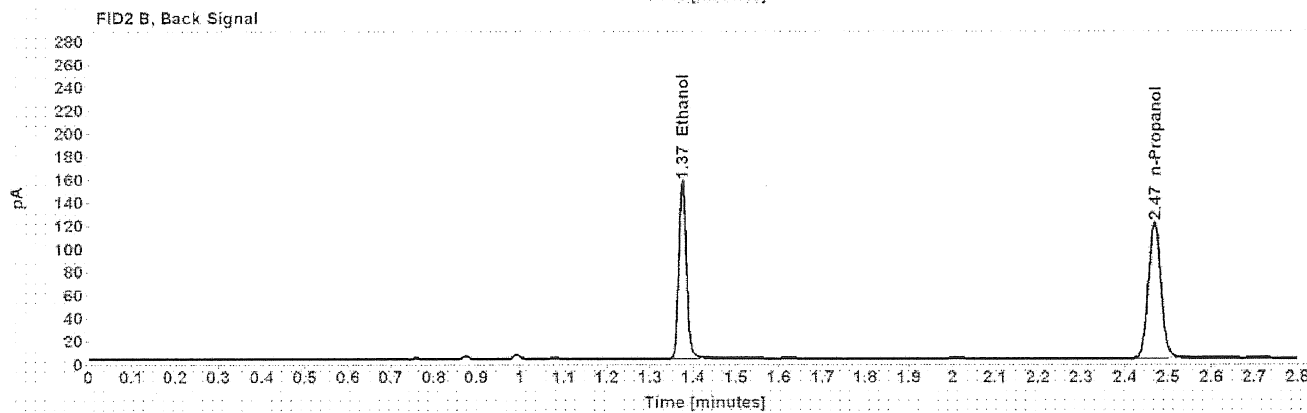
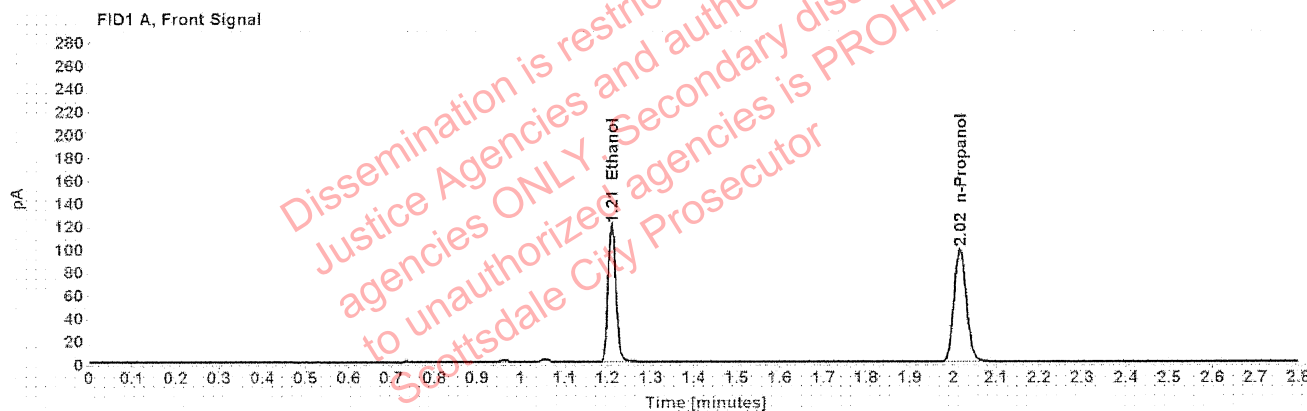


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2183	1.210	152.765
n-Propanol	-----	2.016	195.558

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

Compound	Time (min)	Peak Area
Ethanol	1.375	191.077
n-Propanol	2.468	239.667

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	359001	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:00:53 PM
Data file:	C:\Chem32\1\Data\25Aug20\17.D	Analyst:	Abbott

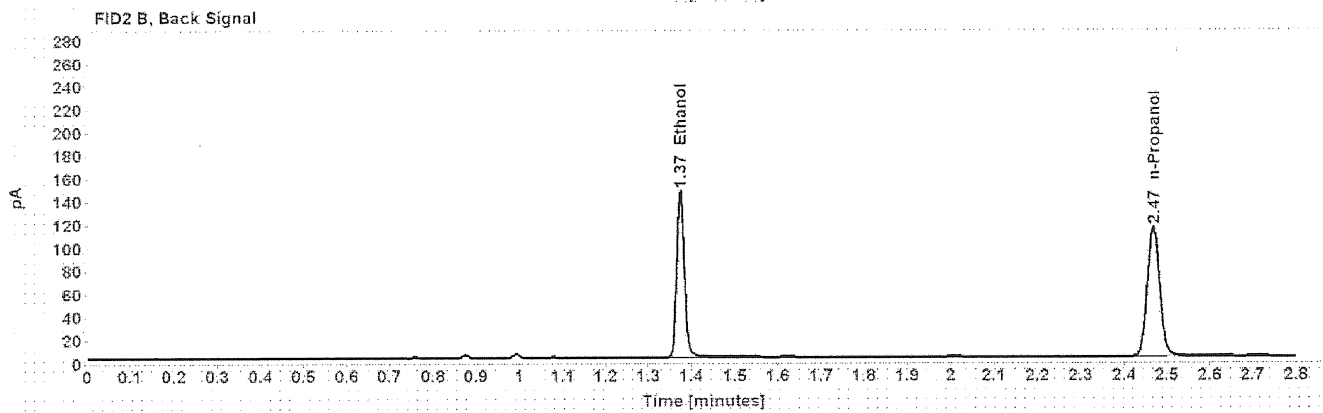
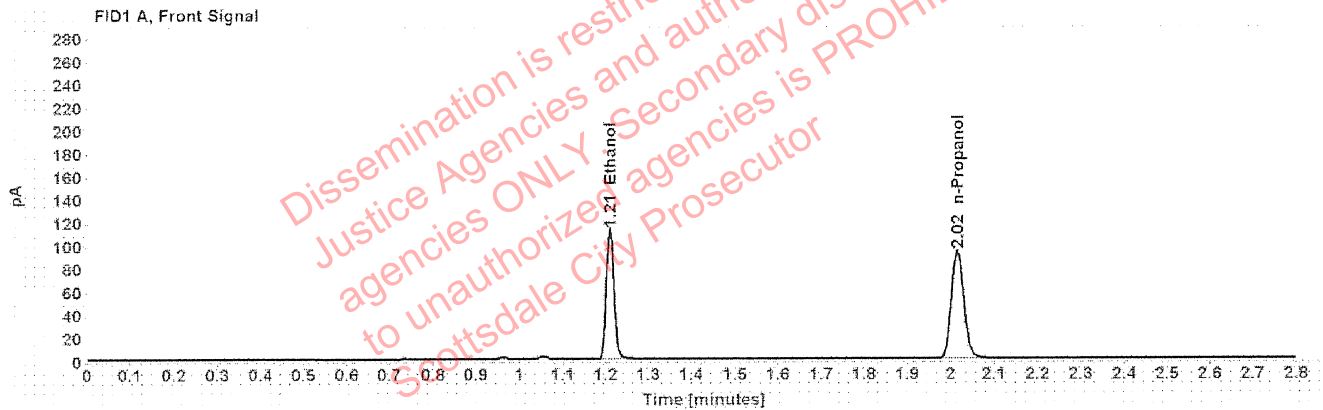


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2159	1.210	143.818
n-Propanol	-----	2.016	186.141

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

Compound	Time (min)	Peak Area
Ethanol	1.375	181.161
n-Propanol	2.468	228.111

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333500	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:04:52 PM
Data file:	C:\Chem32\1\Data\25Aug20\18.D	Analyst:	Abbott

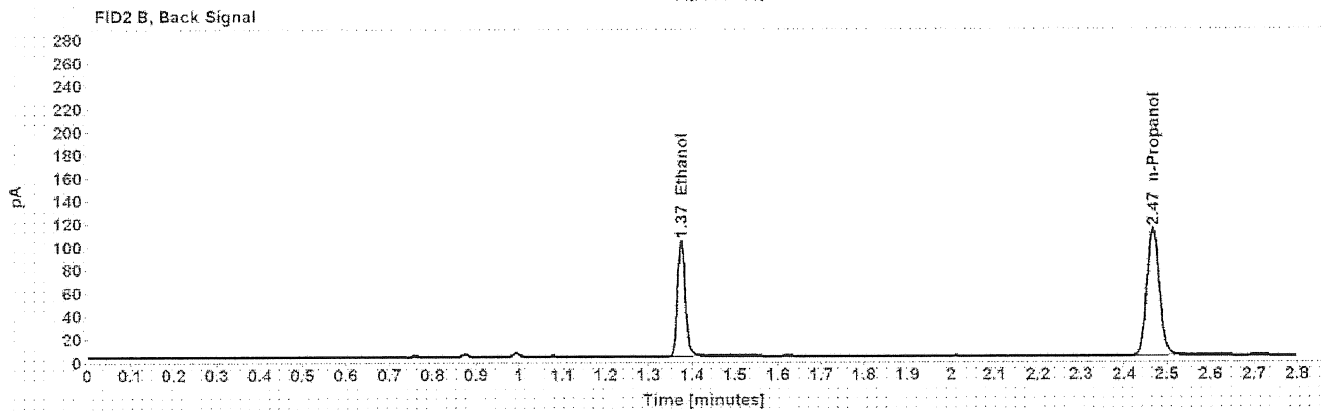
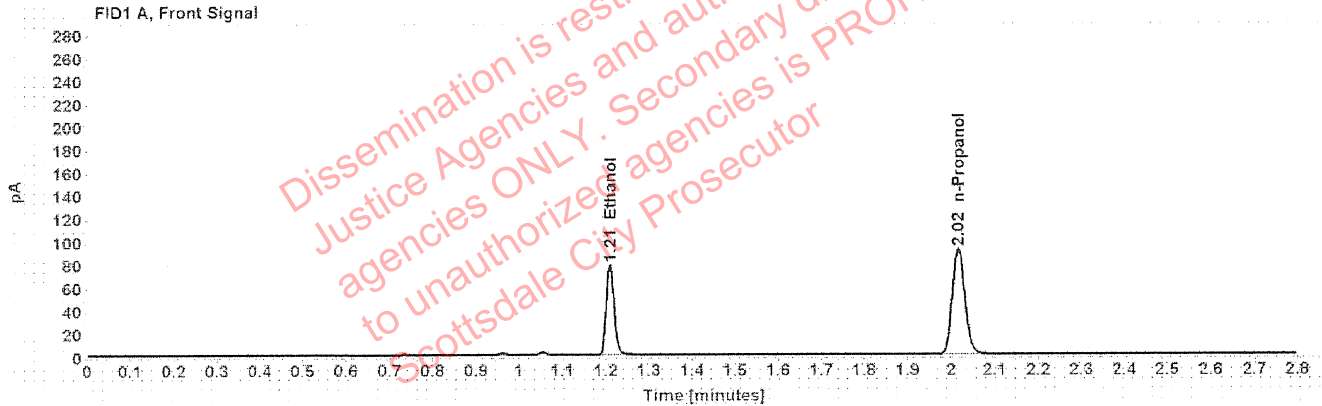


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1545	1.210	100.644
n-Propanol	-----	2.016	182.827

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.434
n-Propanol	2.467	223.650

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333500	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:09:08 PM
Data file:	C:\Chem32\1\Data\25Aug20\19.D	Analyst:	Abbott

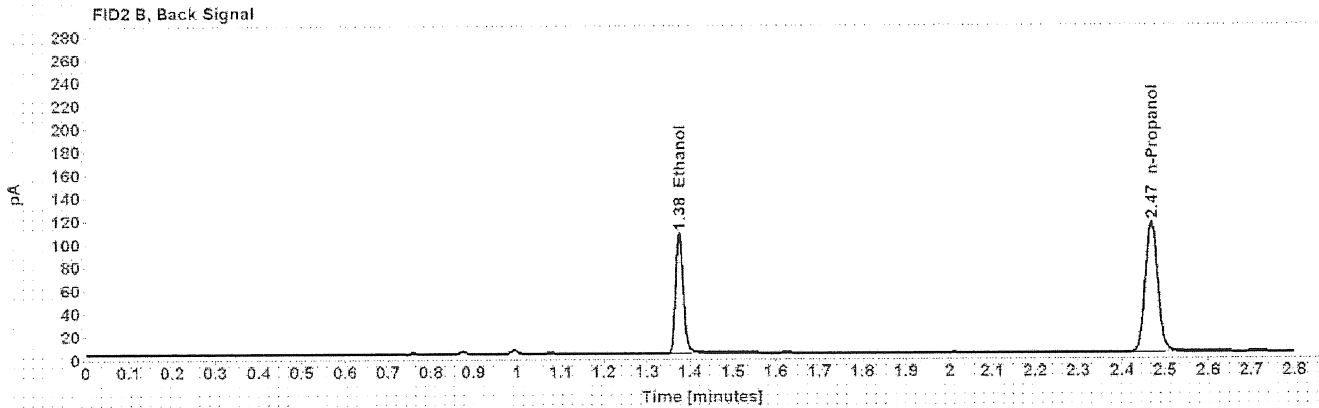
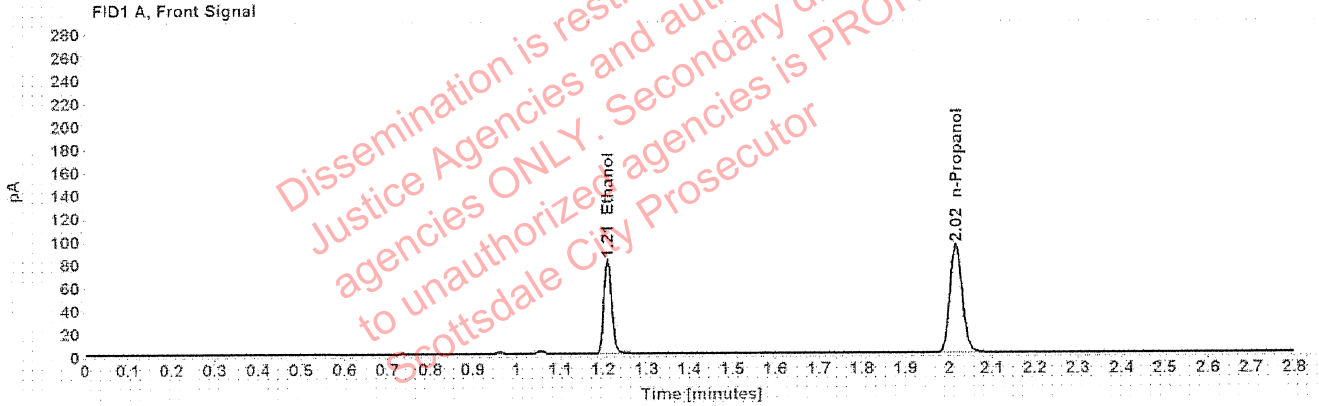


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1557	1.210	103.855
n-Propanol	-----	2.016	187.222

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

Compound	Time (min)	Peak Area
Ethanol	1.375	129.167
n-Propanol	2.468	228.988

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333257	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:17:07 PM
Data file:	C:\Chem32\1\Data\25Aug20\21.D	Analyst:	Abbott

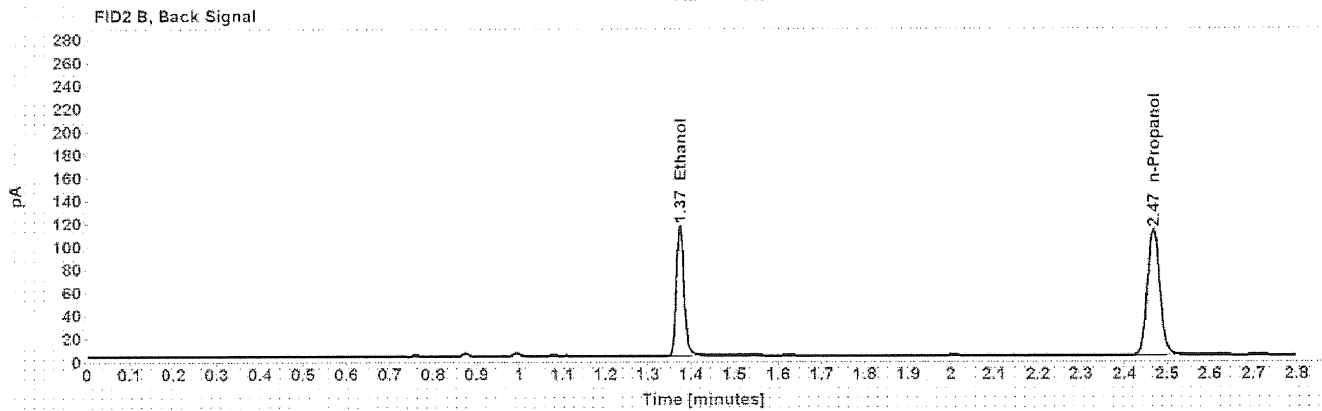
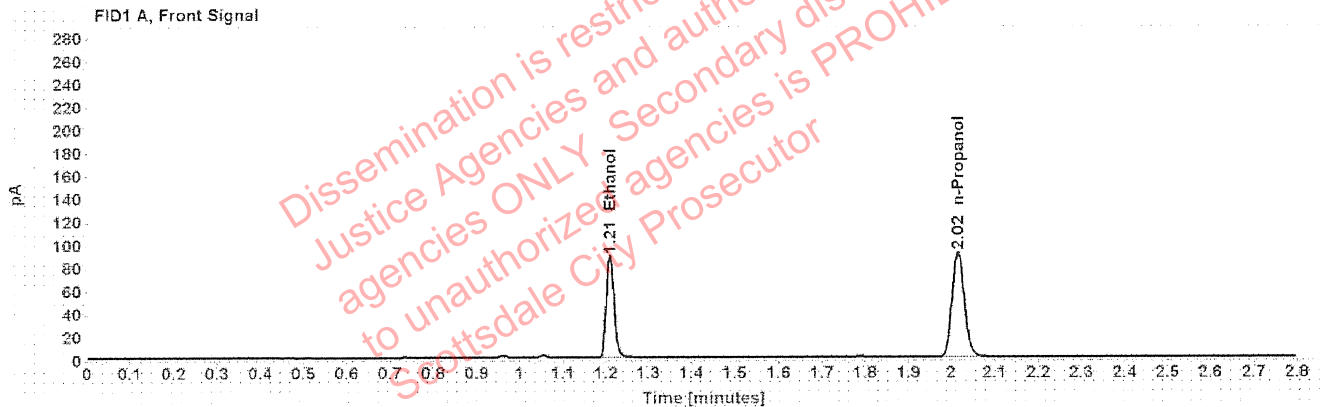


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1741	1.210	113.221
n-Propanol	-----	2.016	182.206

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

Compound	Time (min)	Peak Area
Ethanol	1.374	141.184
n-Propanol	2.467	222.763

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333257	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:21:08 PM
Data file:	C:\Chem32\1\Data\25Aug20\22.D	Analyst:	Abbott

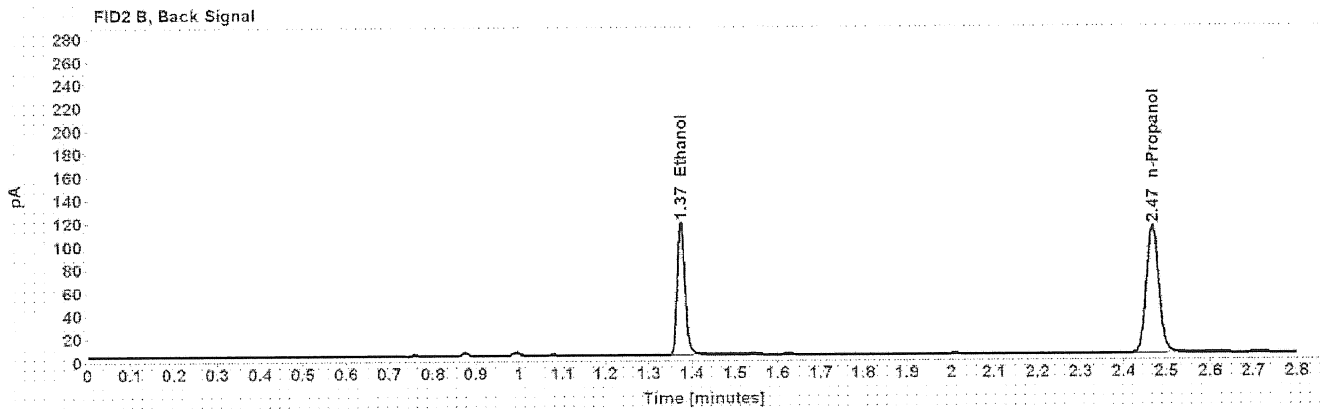
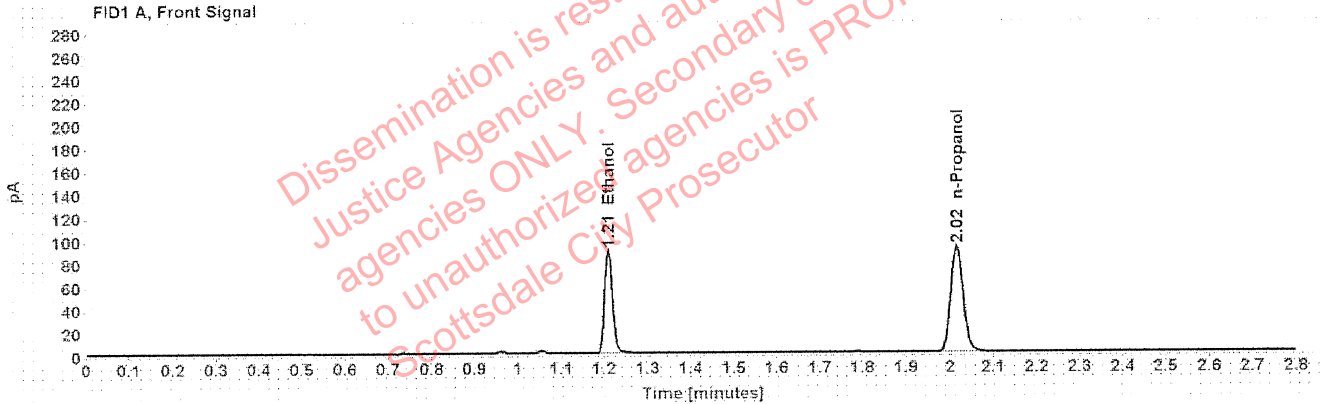


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1750	1.210	114.789
n-Propanol	-----	2.016	183.812

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

Compound	Time (min)	Peak Area
Ethanol	1.374	143.055
n-Propanol	2.467	224.987



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334233	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:25:08 PM
Data file:	C:\Chem32\1\Data\25Aug20\23.D	Analyst:	Abbott

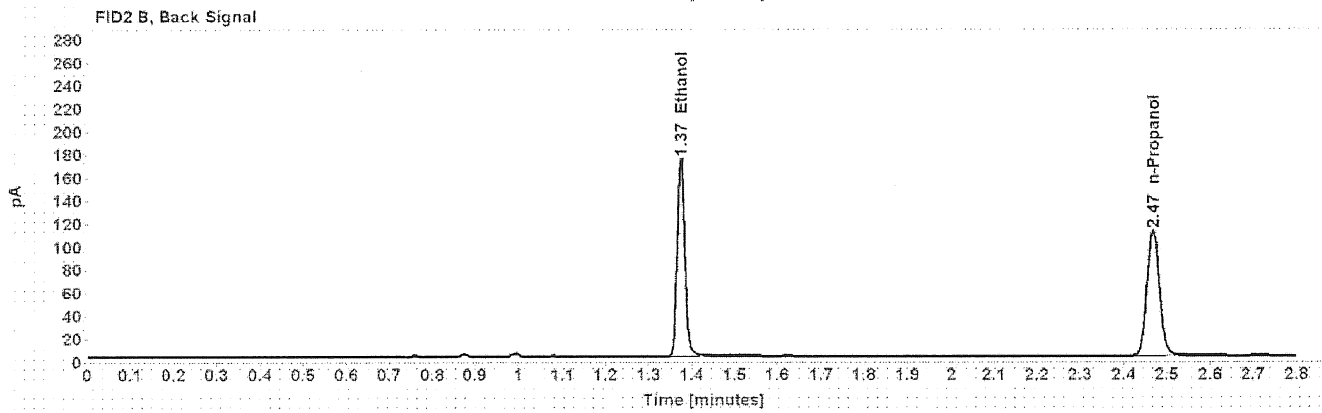
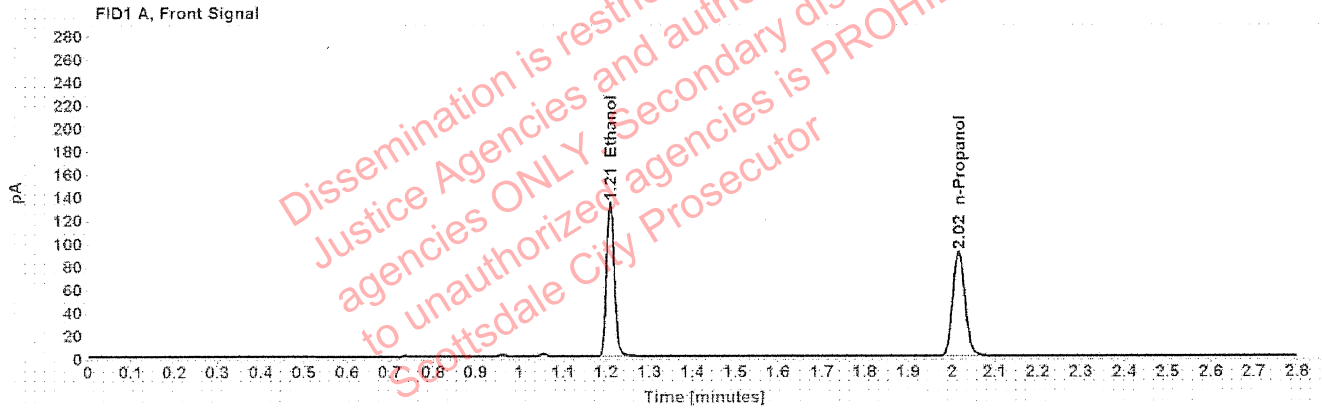


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2629	1.209	170.891
n-Propanol	-----	2.016	181.323

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

Compound	Time (min)	Peak Area
Ethanol	1.374	213.739
n-Propanol	2.467	221.714

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334233	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:29:08 PM
Data file:	C:\Chem32\1\Data\25Aug20\24.D	Analyst:	Abbott

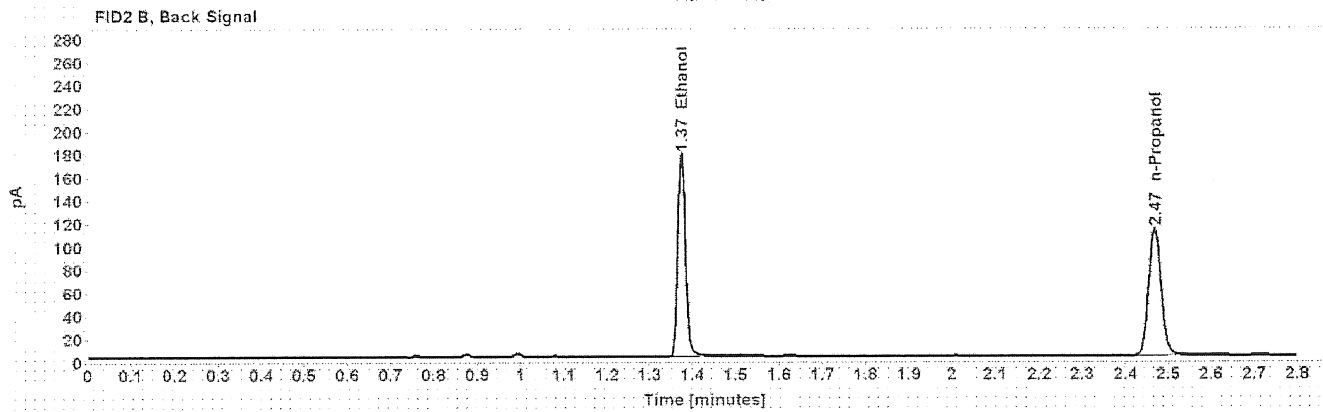
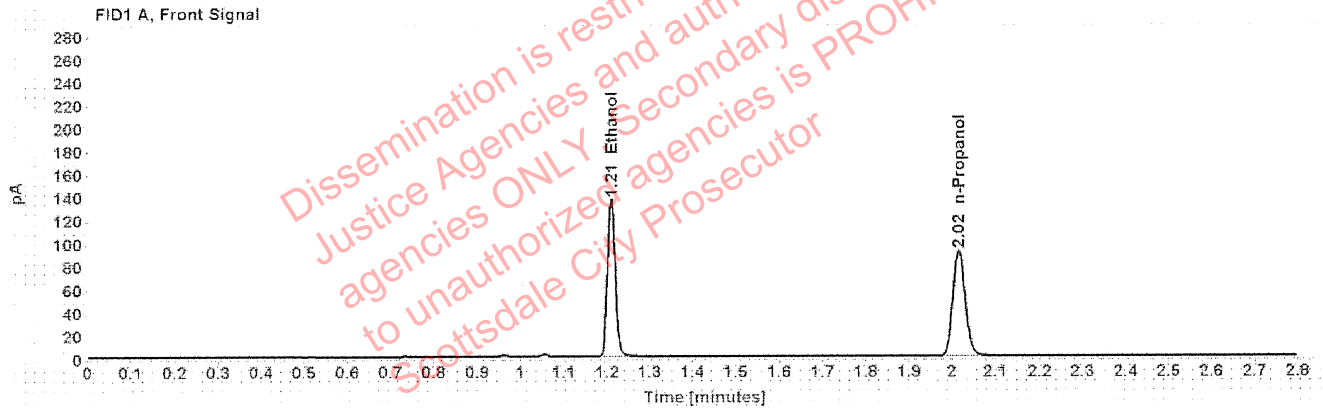


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2659	1.209	175.065
n-Propanol	-----	2.016	183.584

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

Compound	Time (min)	Peak Area
Ethanol	1.374	218.840
n-Propanol	2.468	224.412

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1331703	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:33:22 PM
Data file:	C:\Chem32\1\Data\25Aug20\25.D	Analyst:	Abbott

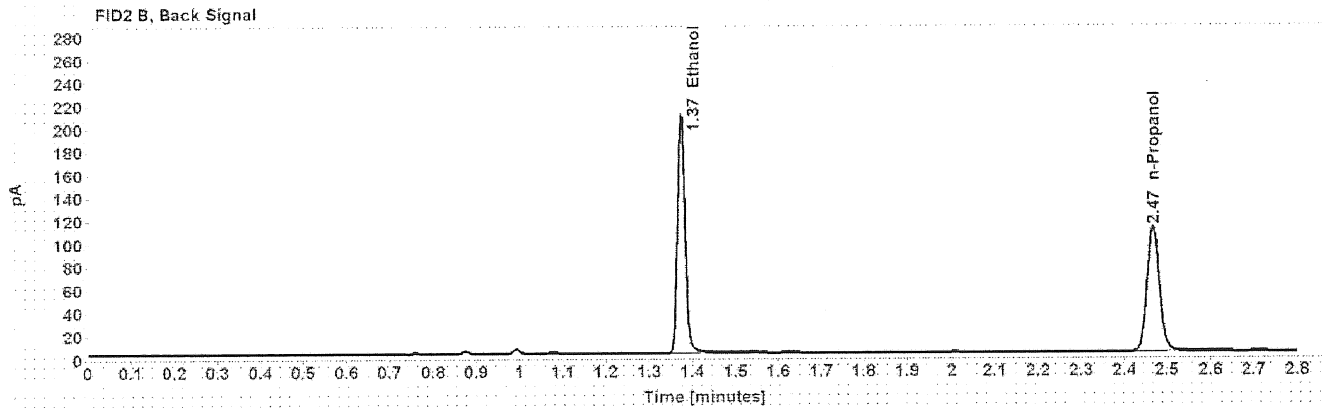
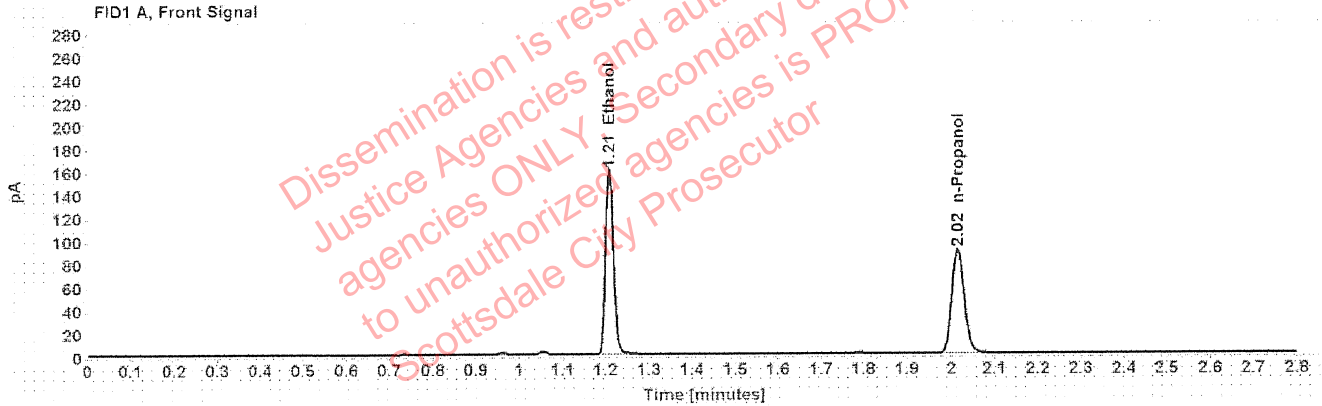


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3159	1.209	204.793
n-Propanol	-----	2.015	180.512

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

Compound	Time (min)	Peak Area
Ethanol	1.374	256.162
n-Propanol	2.467	220.772

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1331703	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:37:23 PM
Data file:	C:\Chem32\1\Data\25Aug20\26.D	Analyst:	Abbott

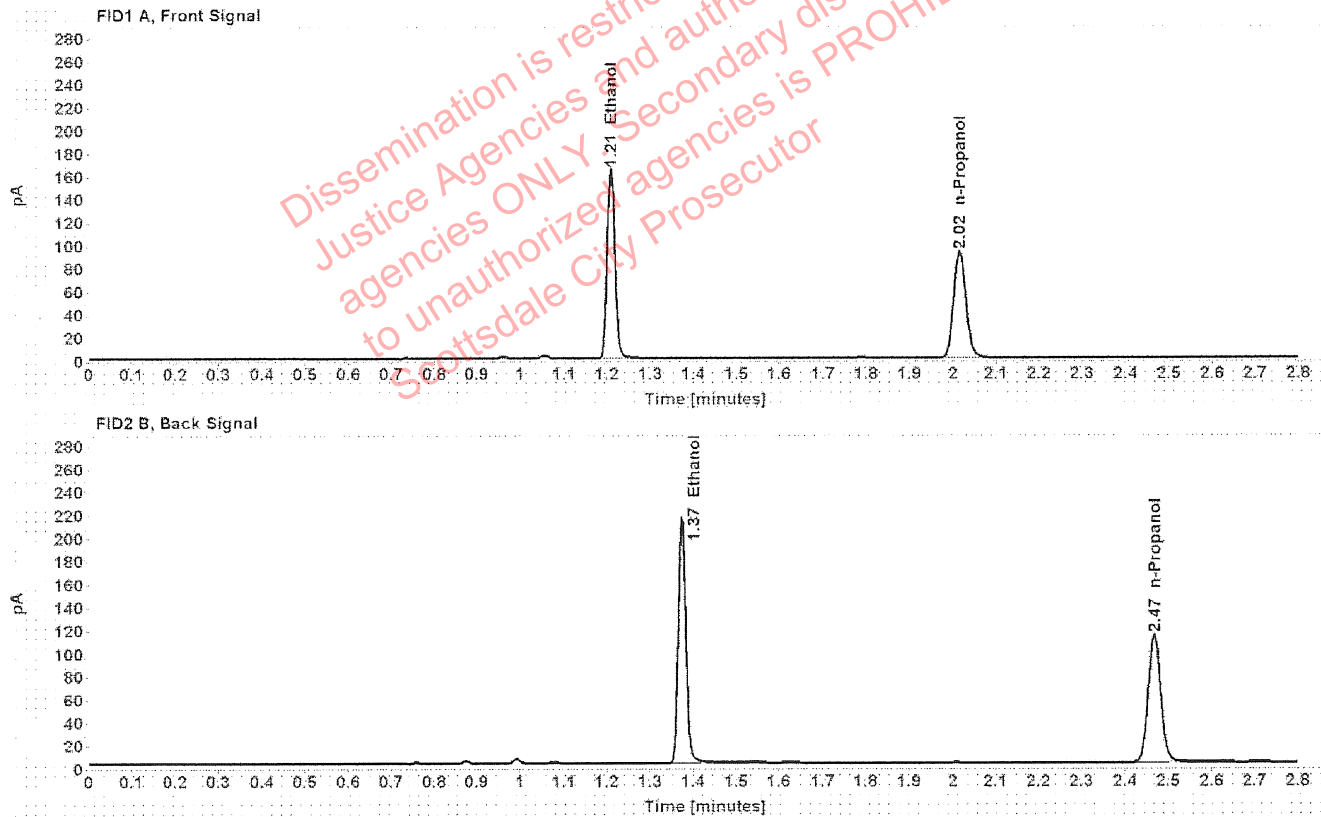


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3170	1.209	210.207
n-Propanol	-----	2.015	184.658

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

Compound	Time (min)	Peak Area
Ethanol	1.374	262.816
n-Propanol	2.467	226.145

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1330948	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:41:23 PM
Data file:	C:\Chem32\1\Data\25Aug20\27.D	Analyst:	Abbott

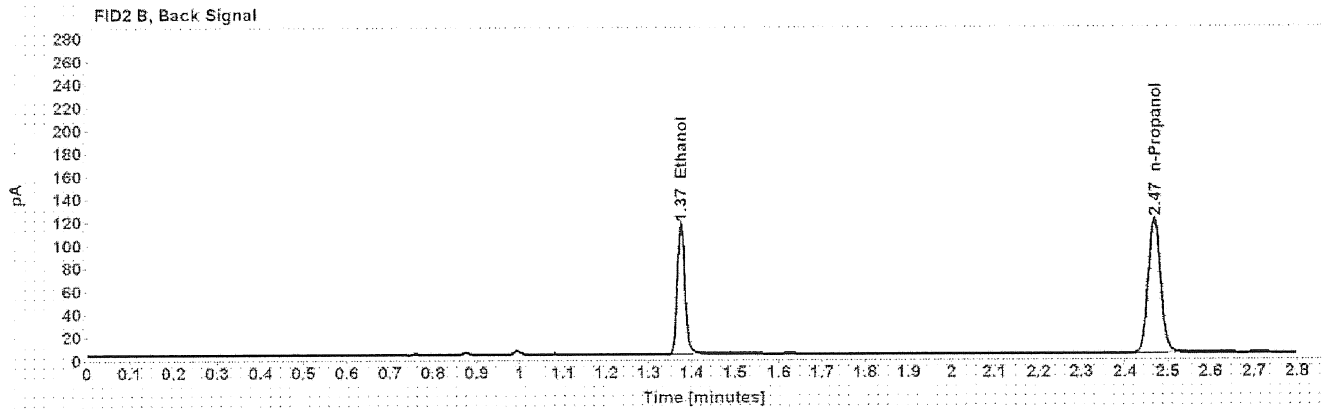
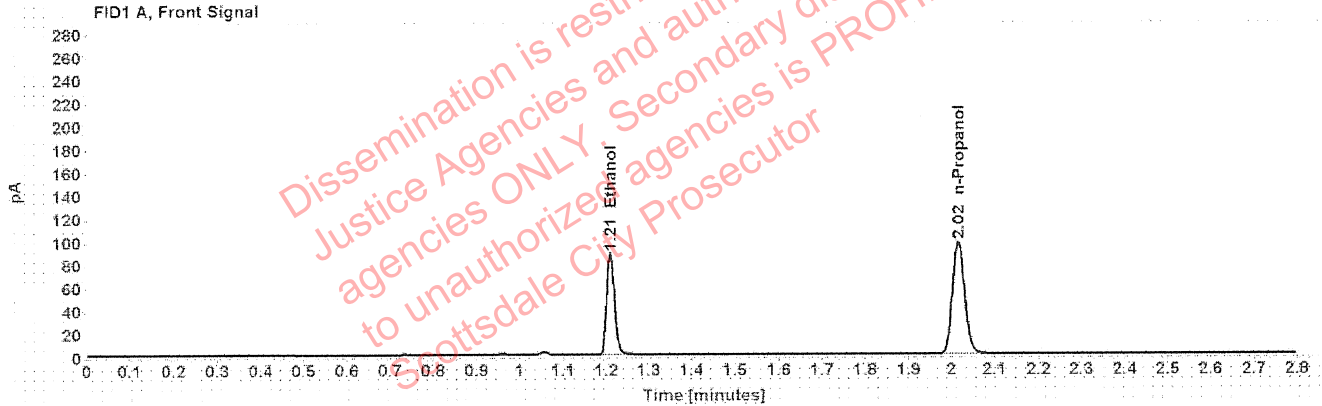


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1629	1.210	113.013
n-Propanol	-----	2.016	194.598

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

Compound	Time (min)	Peak Area
Ethanol	1.375	140.615
n-Propanol	2.468	238.093

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1330948	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:45:23 PM
Data file:	C:\Chem32\1\Data\25Aug20\28.D	Analyst:	Abbott

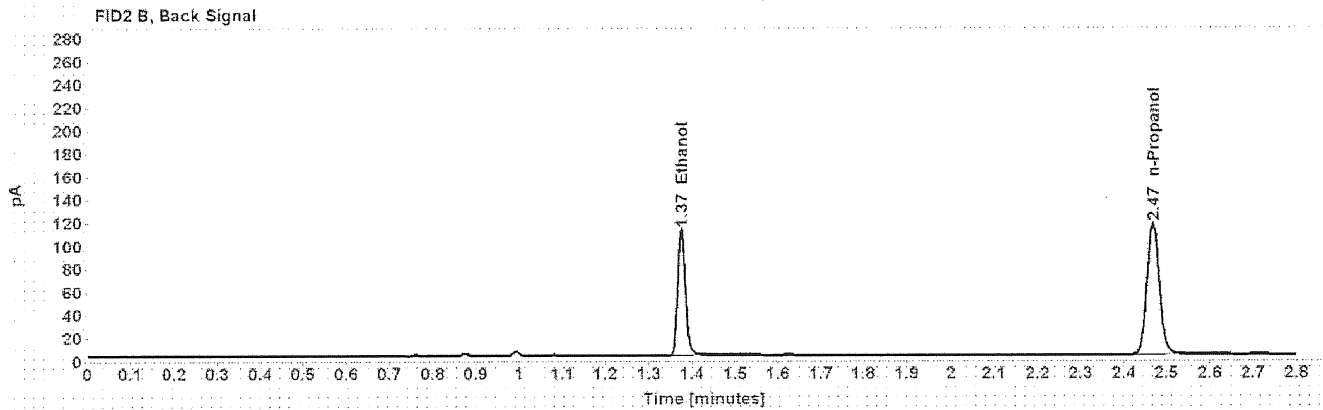
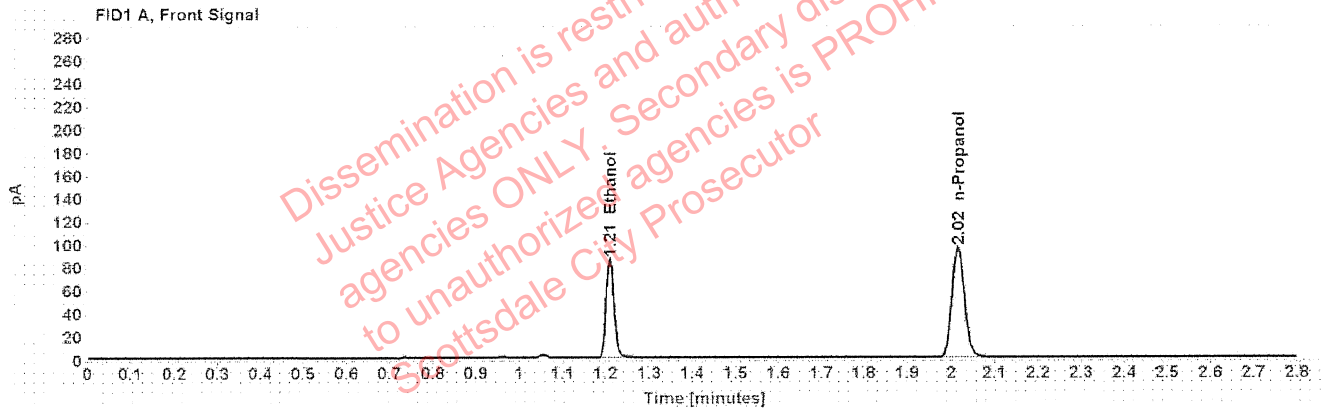


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1616	1.210	109.691
n-Propanol	-----	2.016	190.476

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

Compound	Time (min)	Peak Area
Ethanol	1.375	136.503
n-Propanol	2.468	232.731

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334857	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:49:24 PM
Data file:	C:\Chem32\1\Data\25Aug20\29.D	Analyst:	Abbott

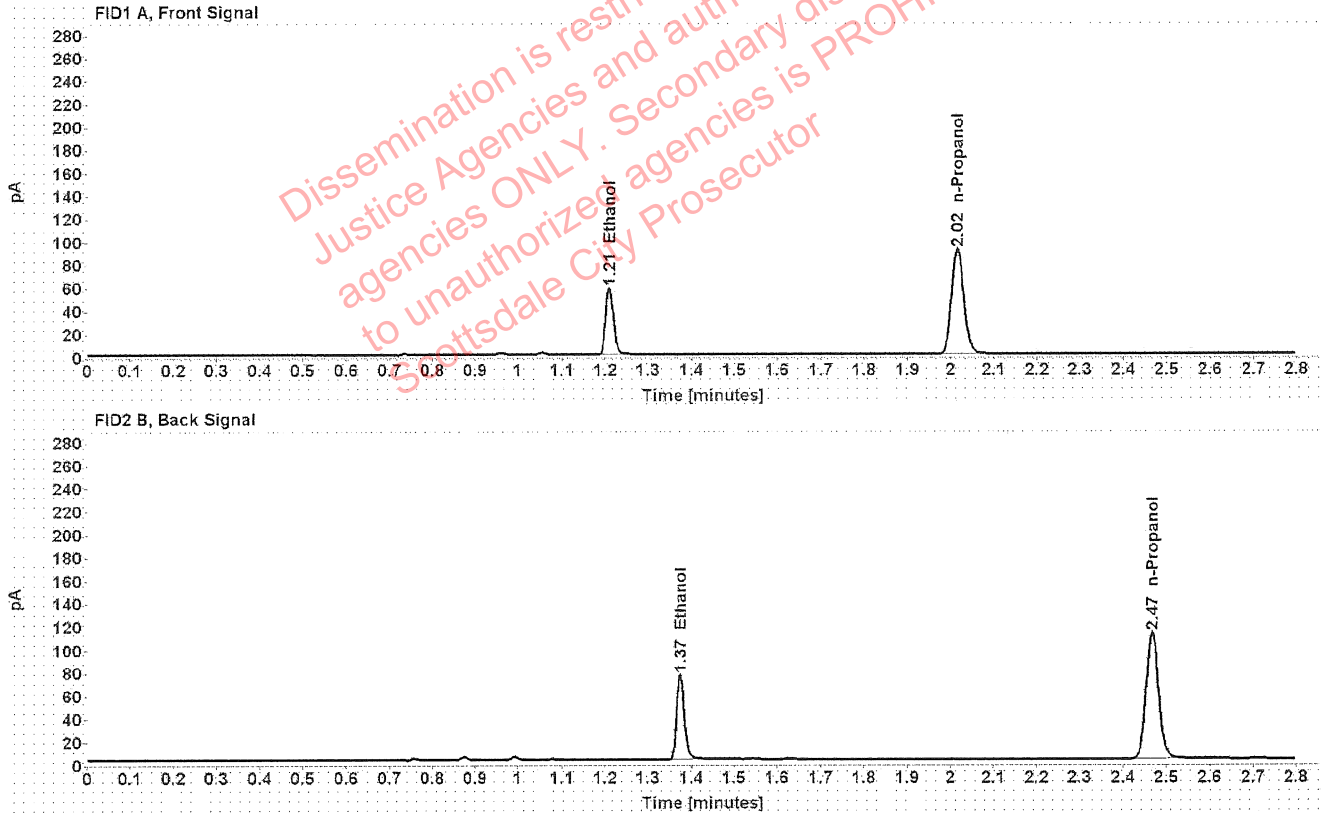


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1146	1.210	74.095
n-Propanol	-----	2.015	182.569

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

Compound	Time (min)	Peak Area
Ethanol	1.374	91.912
n-Propanol	2.467	222.802

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334857	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 4:53:24 PM
Data file:	C:\Chem32\1\Data\25Aug20\30.D	Analyst:	Abbott

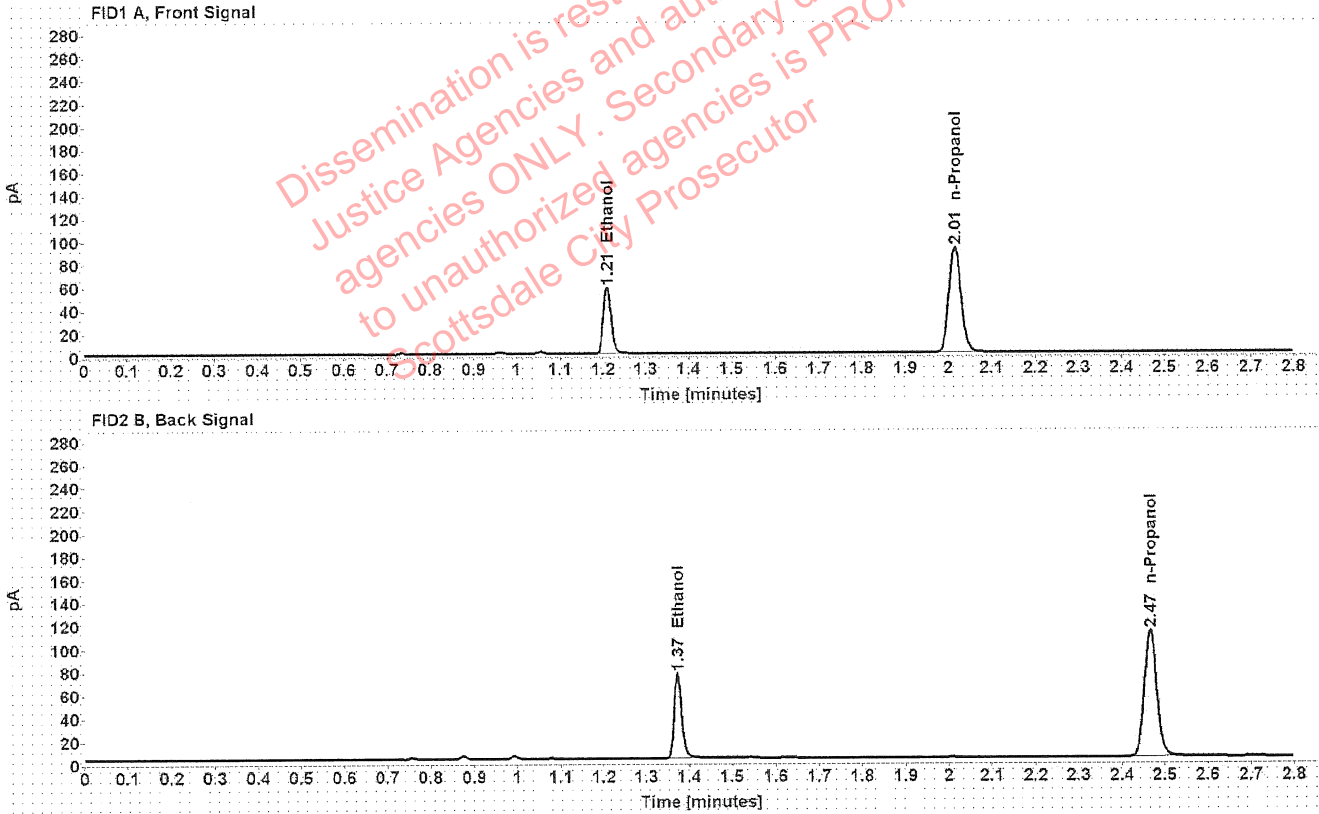


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1138	1.209	73.709
n-Propanol	-----	2.015	182.803

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

Compound	Time (min)	Peak Area
Ethanol	1.373	91.510
n-Propanol	2.466	223.148



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334402	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:01:37 PM
Data file:	C:\Chem32\1\Data\25Aug20\32.D	Analyst:	Abbott

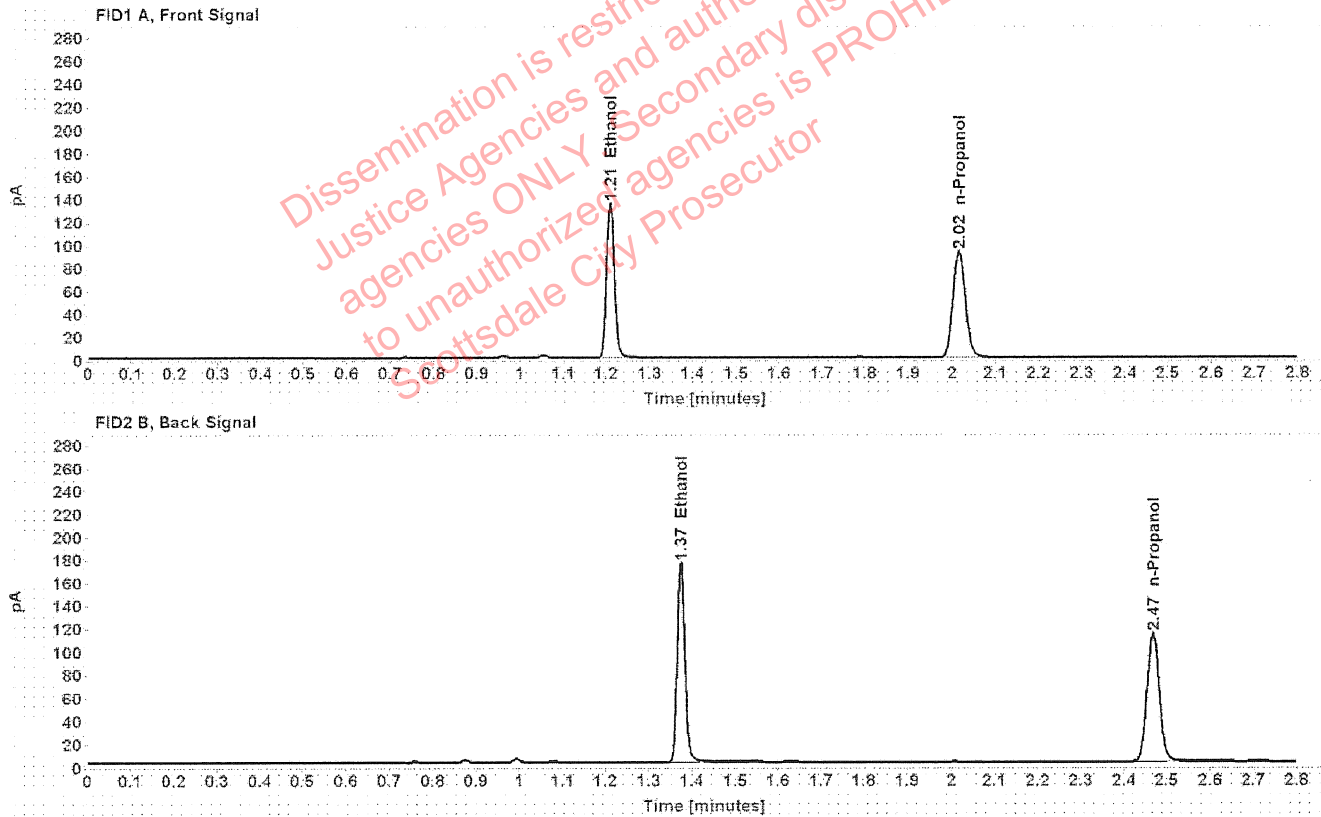


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2599	1.209	172.770
n-Propanol	-----	2.016	185.425

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

Compound	Time (min)	Peak Area
Ethanol	1.374	215.811
n-Propanol	2.468	226.705

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334402	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:05:38 PM
Data file:	C:\Chem32\1\Data\25Aug20\33.D	Analyst:	Abbott

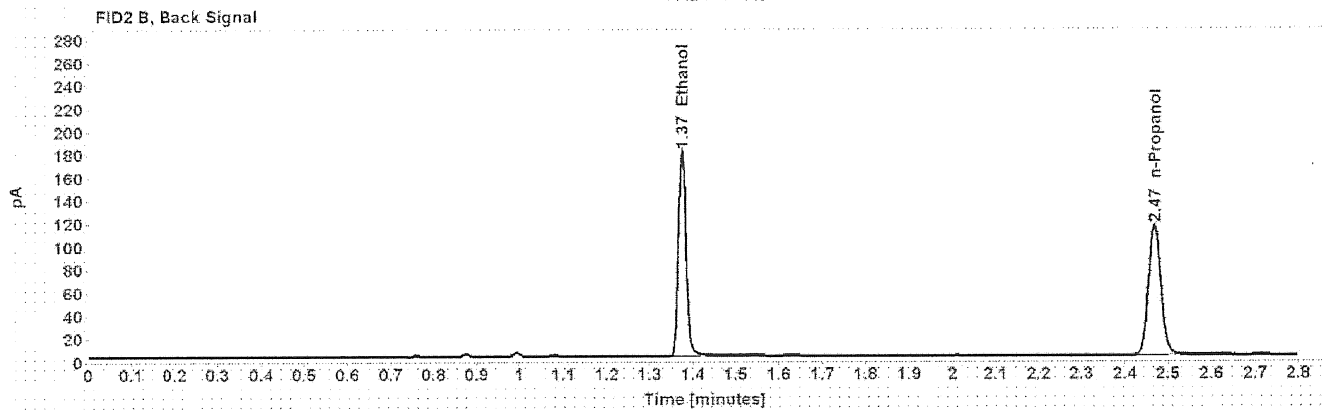
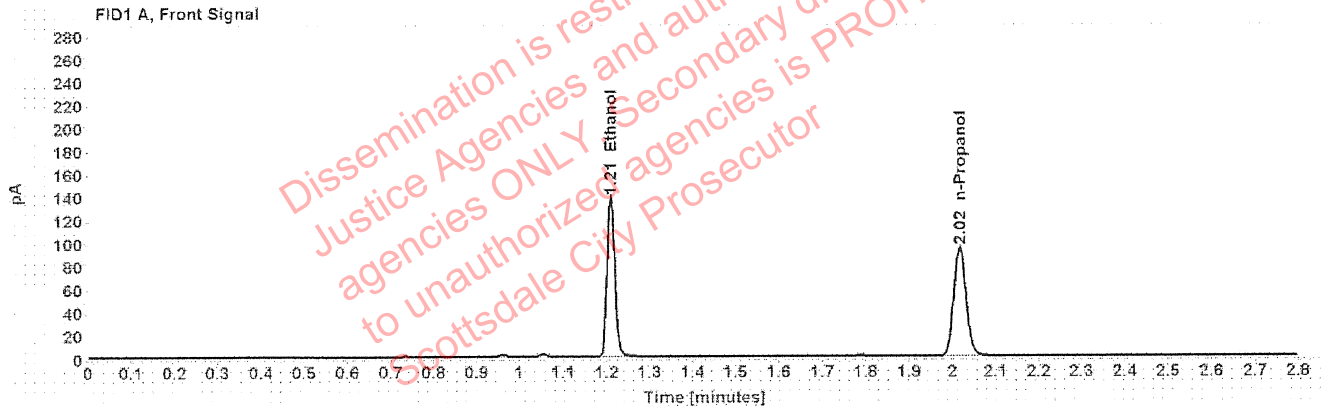


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2622	1.210	176.877
n-Propanol	-----	2.016	188.135

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

Compound	Time (min)	Peak Area
Ethanol	1.375	221.051
n-Propanol	2.468	229.977

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334240	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:09:37 PM
Data file:	C:\Chem32\1\Data\25Aug20\34.D	Analyst:	Abbott

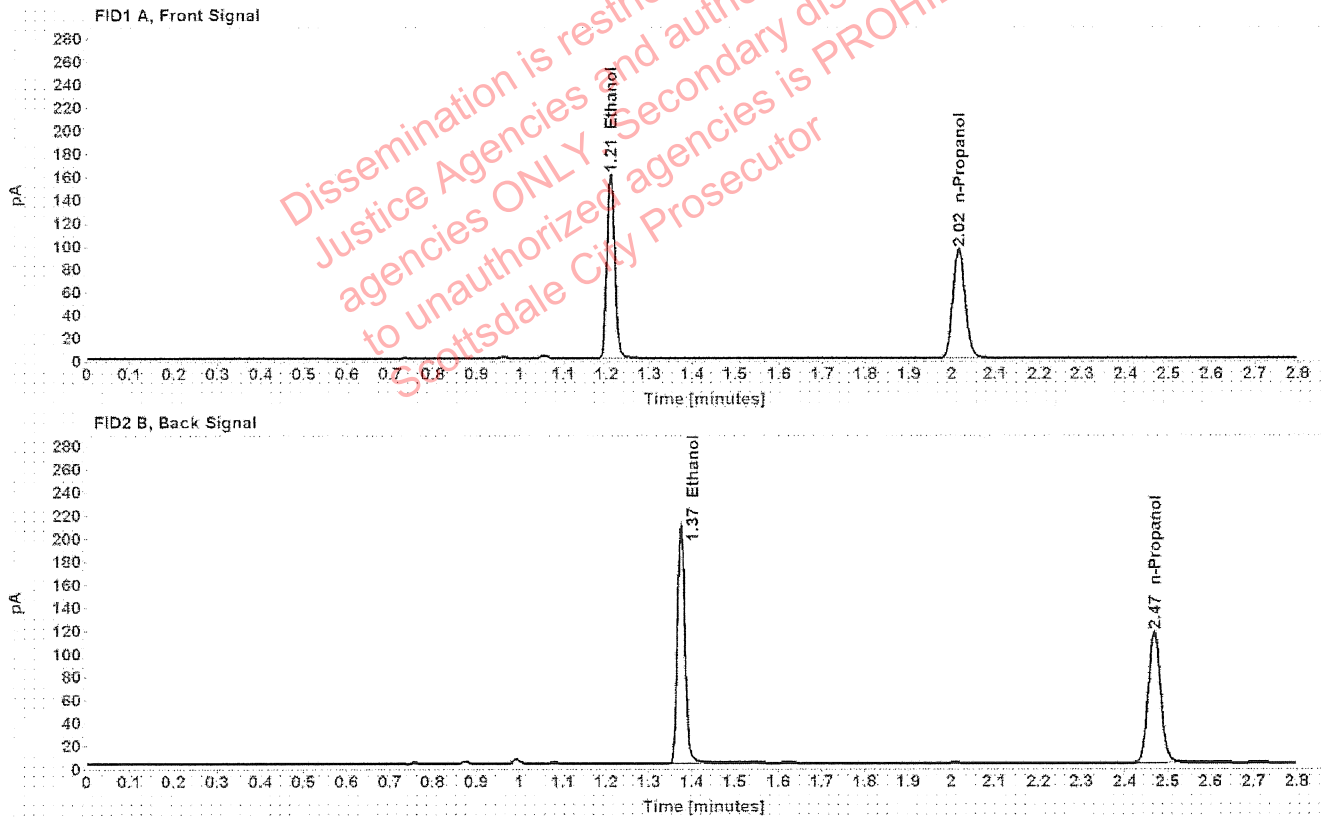


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3010	1.209	204.595
n-Propanol	-----	2.016	189.355

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

Compound	Time (min)	Peak Area
Ethanol	1.375	255.547
n-Propanol	2.468	231.387

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334240	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:13:37 PM
Data file:	C:\Chem32\1\Data\25Aug20\35.D	Analyst:	Abbott

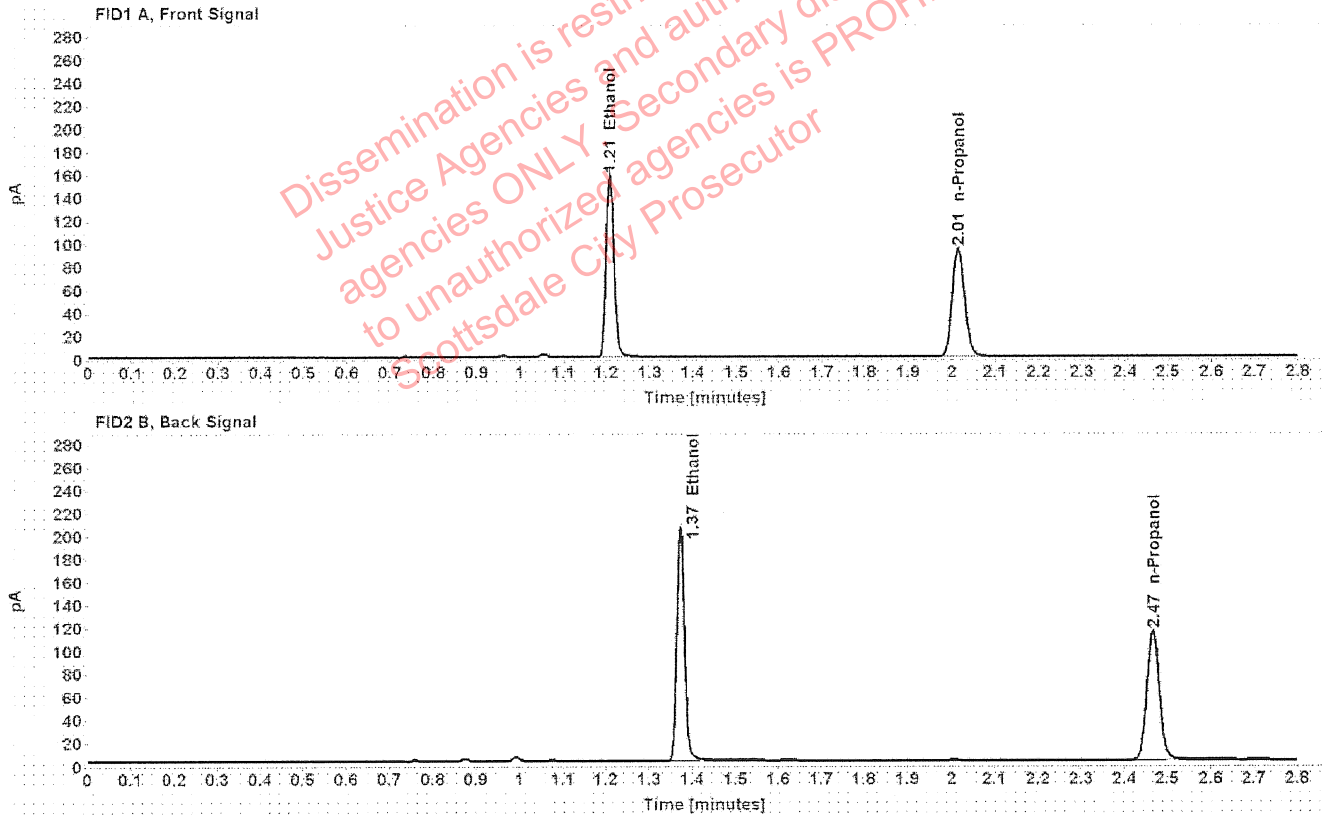


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2993	1.208	200.900
n-Propanol	-----	2.015	186.978

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

Compound	Time (min)	Peak Area
Ethanol	1.373	250.910
n-Propanol	2.466	228.469

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334855	Vial:	36
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:17:39 PM
Data file:	C:\Chem32\1\Data\25Aug20\36.D	Analyst:	Abbott

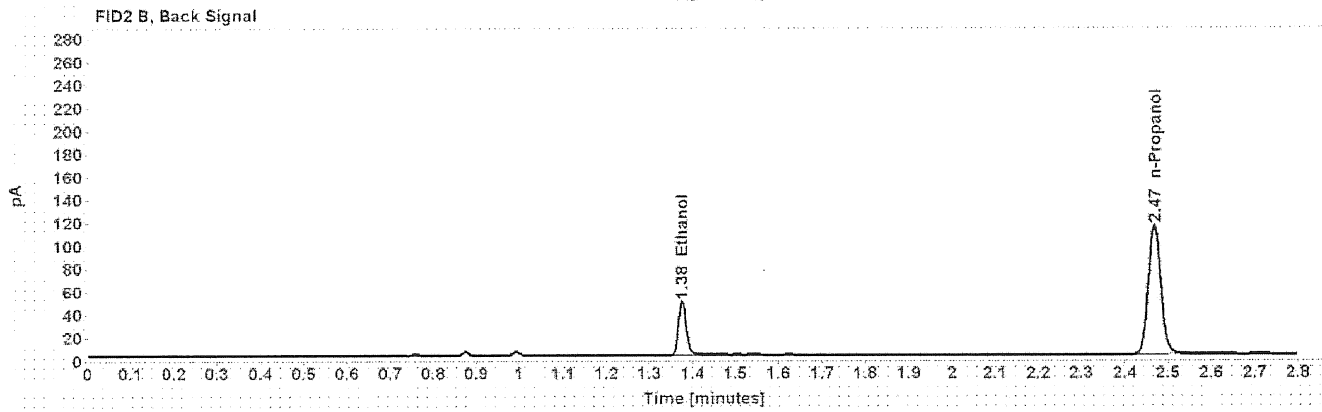
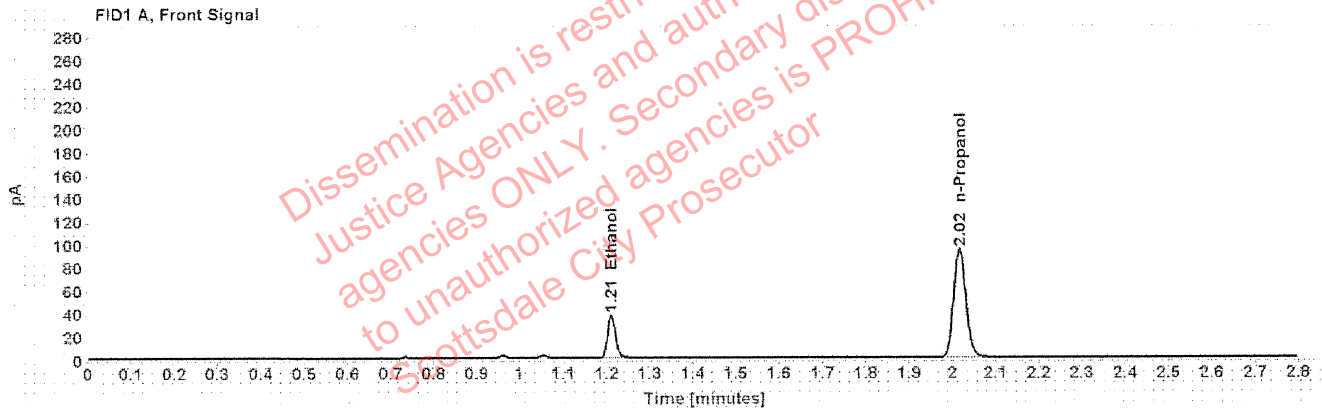


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0725	1.211	47.510
n-Propanol	-----	2.016	187.306

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.364
n-Propanol	2.468	228.643

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334855	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:21:52 PM
Data file:	C:\Chem32\1\Data\25Aug20\37.D	Analyst:	Abbott

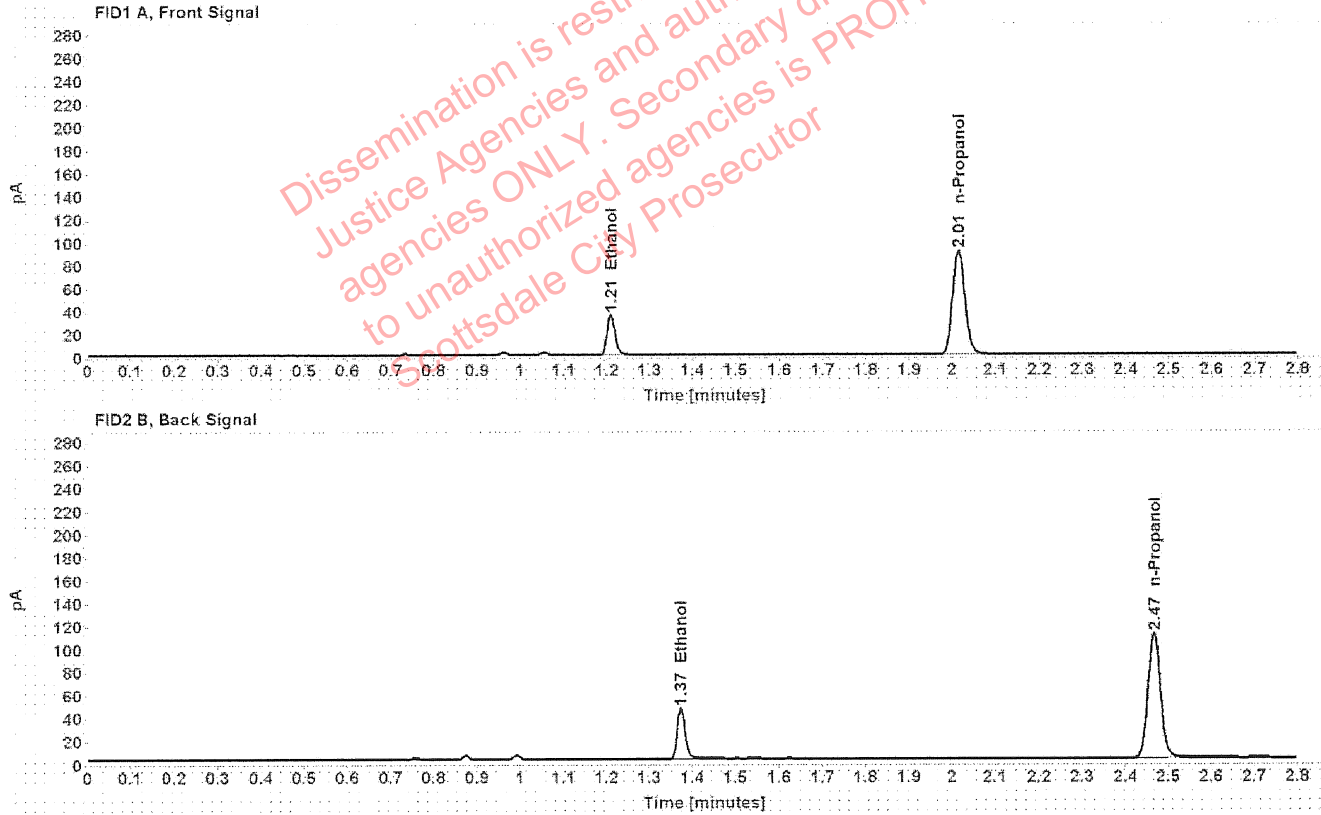


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0708	1.210	44.887
n-Propanol	-----	2.015	181.426

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

Compound	Time (min)	Peak Area
Ethanol	1.374	56.036
n-Propanol	2.466	221.274

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1313202	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:25:52 PM
Data file:	C:\Chem32\1\Data\25Aug20\38.D	Analyst:	Abbott

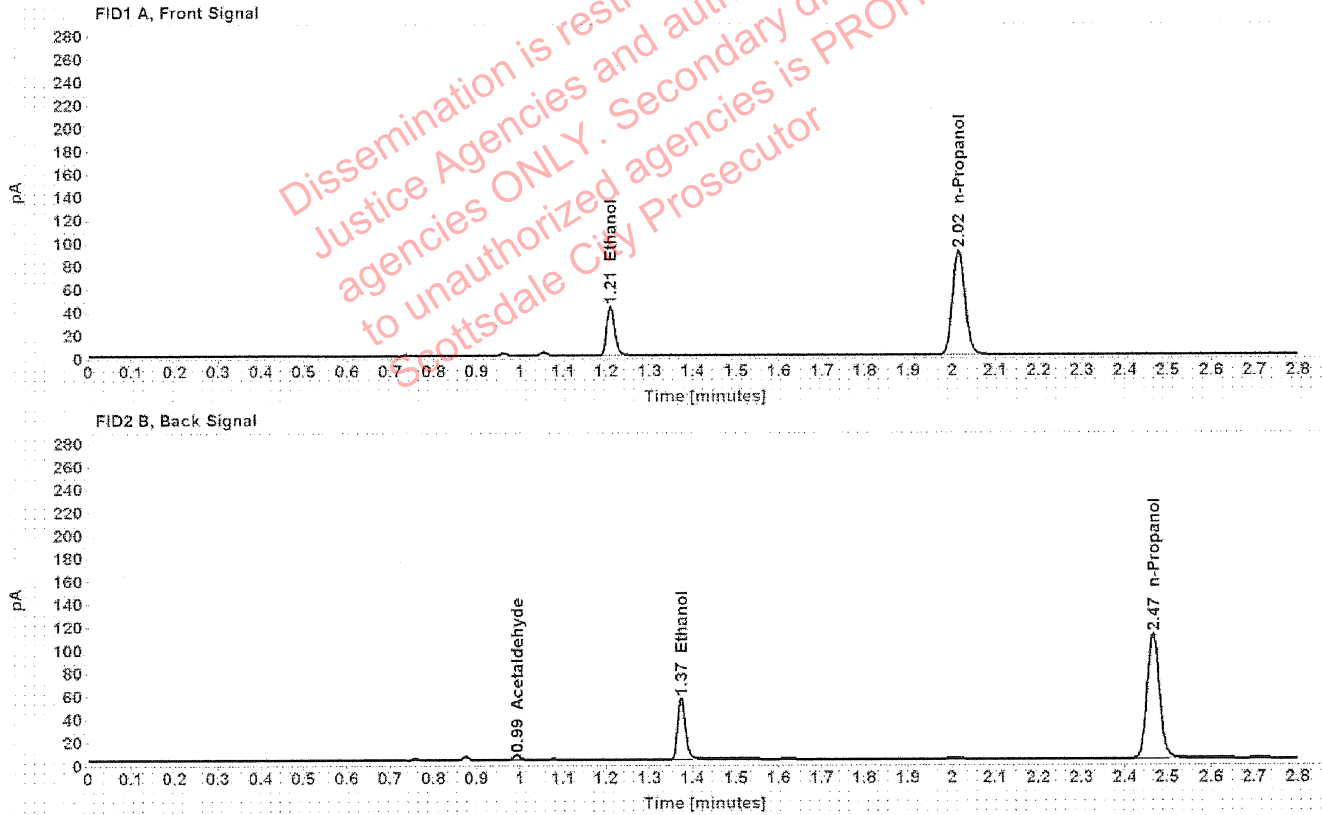


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0848	1.210	53.849
n-Propanol	-----	2.015	180.630

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.036
Ethanol	1.374	66.756
n-Propanol	2.467	221.055

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1313202	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Aug20
Instrument:	US14173023 CN14160045	Injection date:	8/25/2020 5:29:53 PM
Data file:	C:\Chem32\1\Data\25Aug20\39.D	Analyst:	Abbott

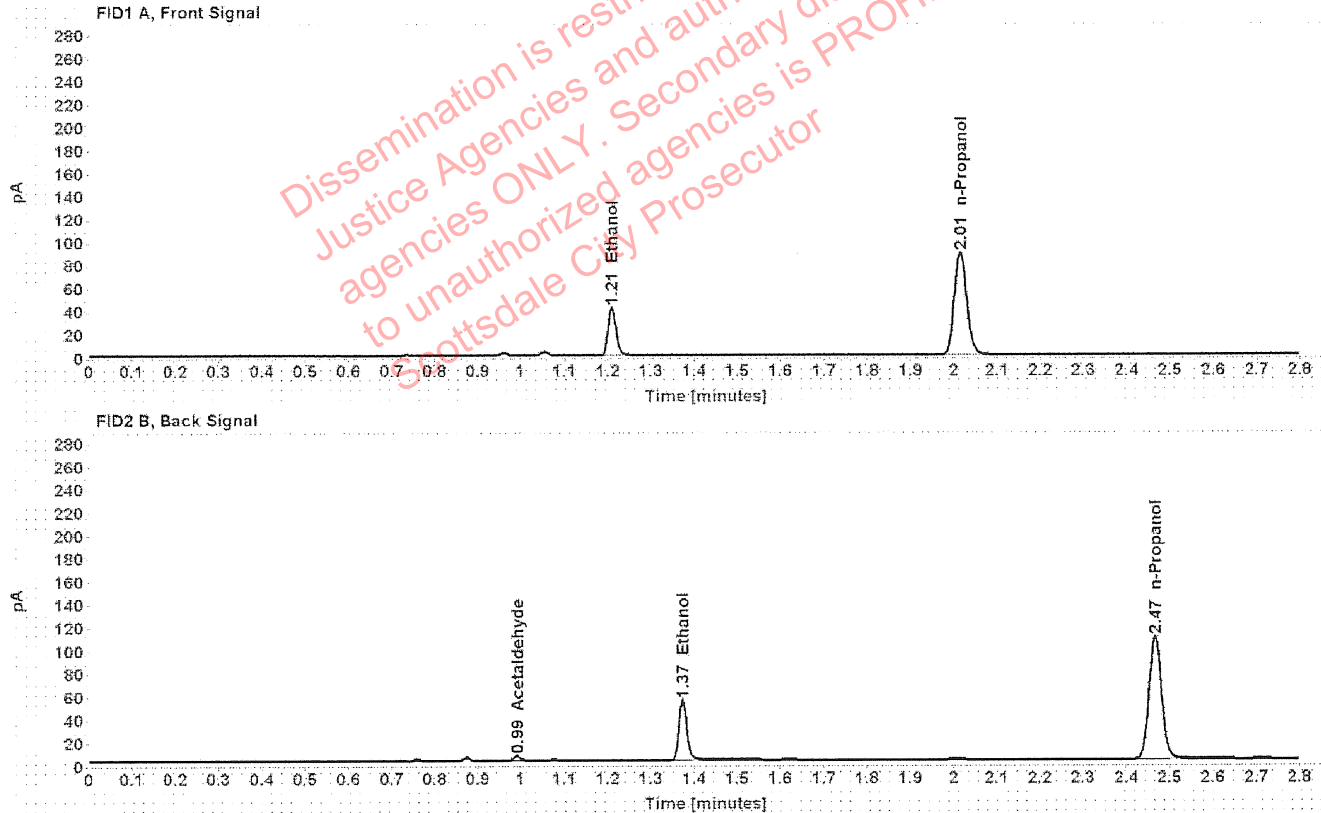


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0843	1.209	52.762
n-Propanol	-----	2.014	178.164

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.035
Ethanol	1.373	65.490
n-Propanol	2.466	217.985