

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/24/2020 SEQUENCE NAME 24Nov20

**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 FN05311902 0.99996  
 Vial 3 0.20 calibrator Lot FN05101903  
 Vial 4 0.40 calibrator Lot FN10051906

**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	0.402 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
42	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
53	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
56	Blank	Not detected	Not detected	SPD lab 040919WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

Run valid  Run invalid  [Signature] Analyst  
 Run valid  Run invalid  [Signature] Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

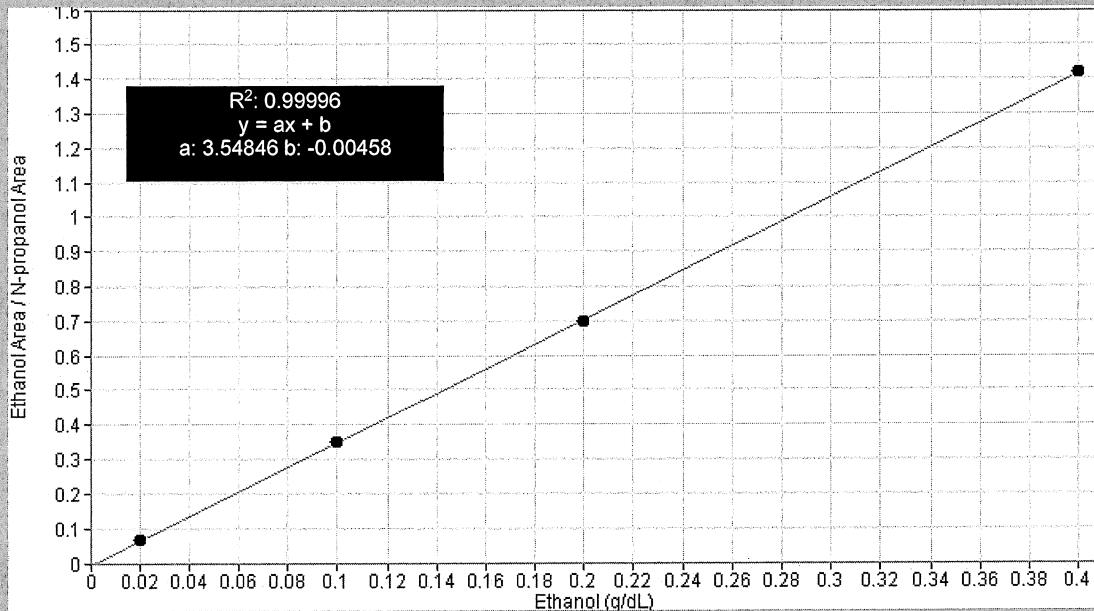
SEQUENCE NAME: 24Nov20

ANALYST: Abbott *gh*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.201	0.198	1.52	0.003
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.198 407041529/13	42	0.198	0.198	0.00	0.000
0.400 11092018-A	53	0.404	0.400	1.00	0.004
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.198 407041529/13	55	0.200	0.198	1.01	0.002
blank 040919WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.938	174.666	0.068
0.100	63.333	180.314	0.351
0.200	122.773	175.402	0.700
0.400	247.671	174.779	1.417

### 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> 24Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/24/2020 11:49:16 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>ad</i>
<b>Data file:</b> C:\Chem32\1\Data\24Nov20\1.D	

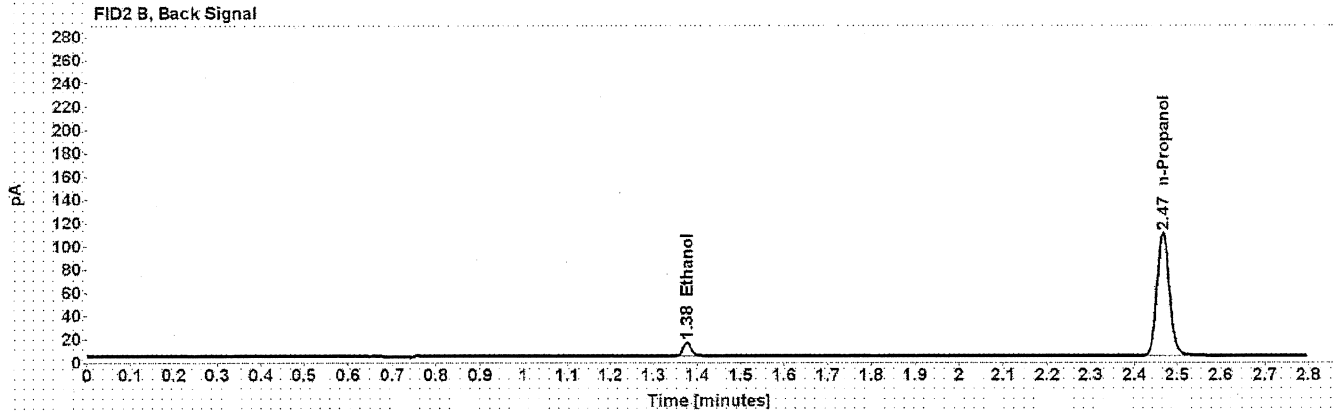
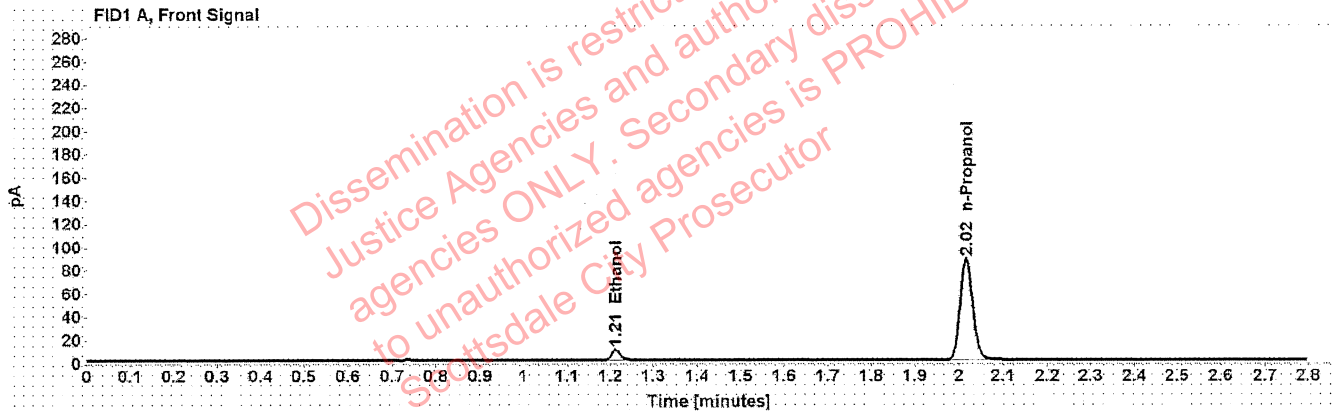


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.938
n-Propanol	2.016	174.666

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.951
n-Propanol	2.467	215.000

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 24Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/24/2020 11:53:15 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>DA</i>
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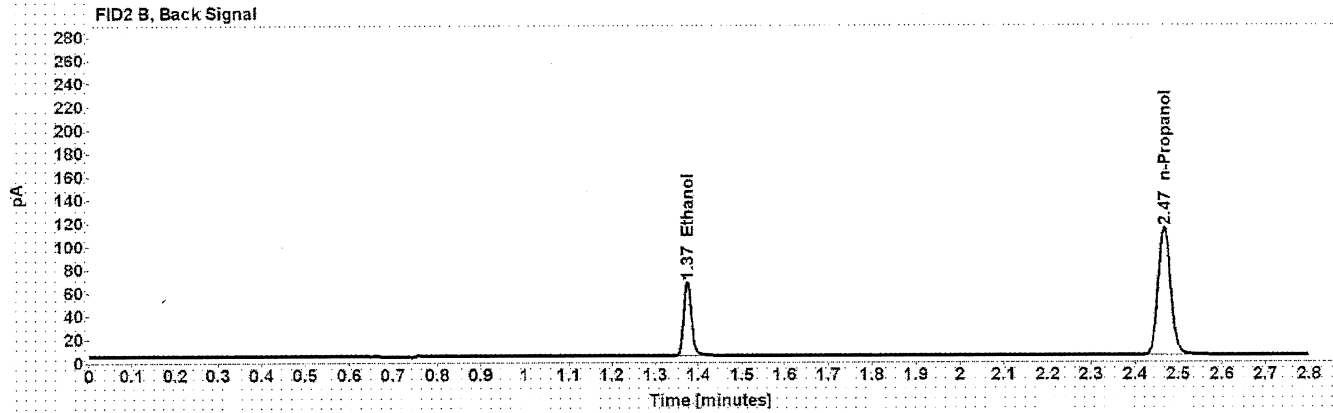
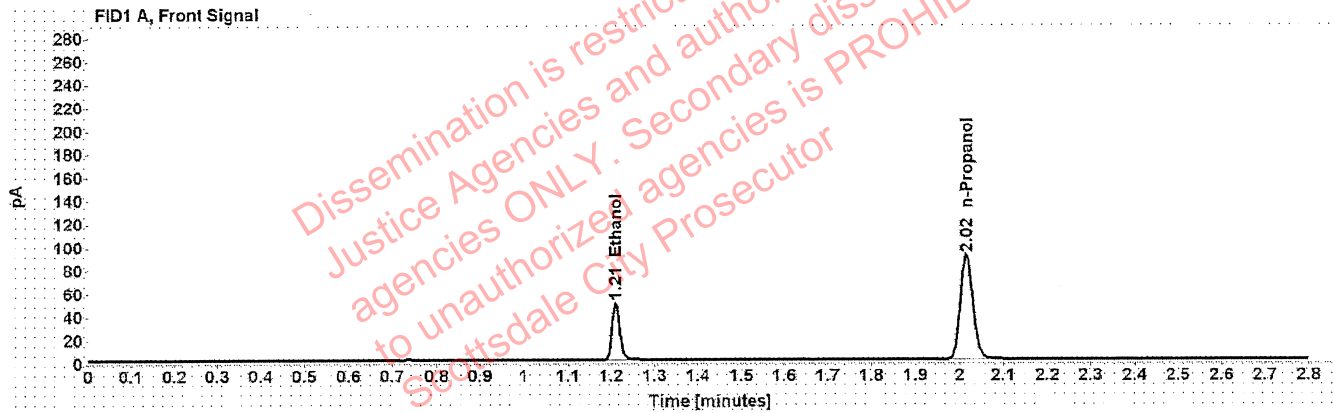


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	63.333
n-Propanol	2.016	180.314

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

Compound	Time (min)	Peak Area
Ethanol	1.374	79.051
n-Propanol	2.467	222.219



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 24Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/24/2020 11:57:14 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>gh</i>
<b>Data file:</b> C:\Chem32\1\Data\24Nov20\3.D	

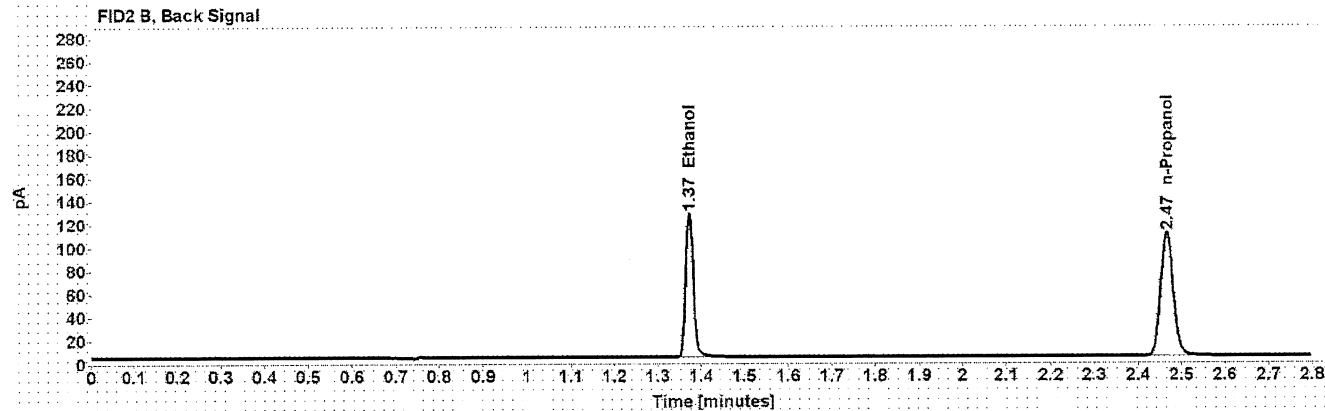
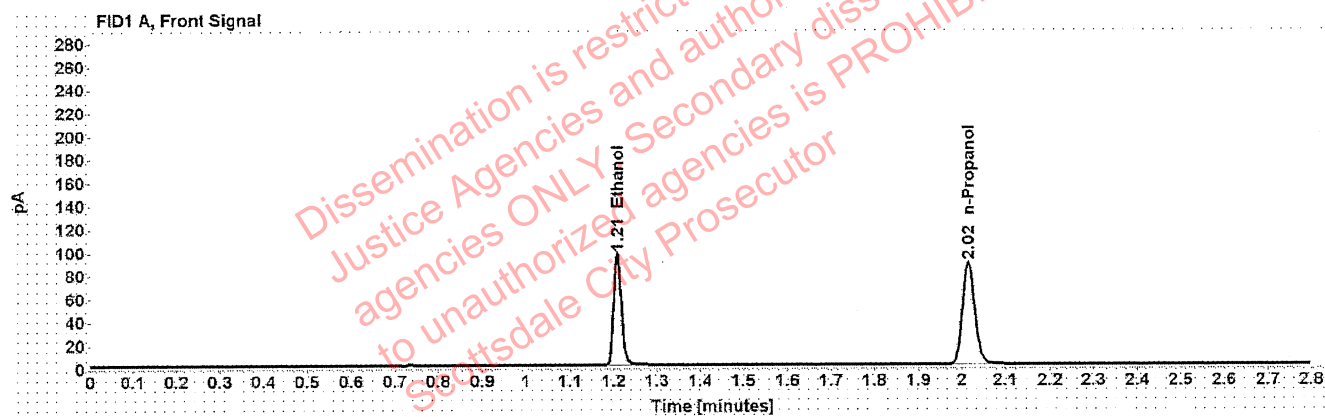


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	122.773
n-Propanol	2.015	175.402

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

Compound	Time (min)	Peak Area
Ethanol	1.372	153.353
n-Propanol	2.466	216.017

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 24Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/24/2020 12:01:14 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\24Nov20\4.D	

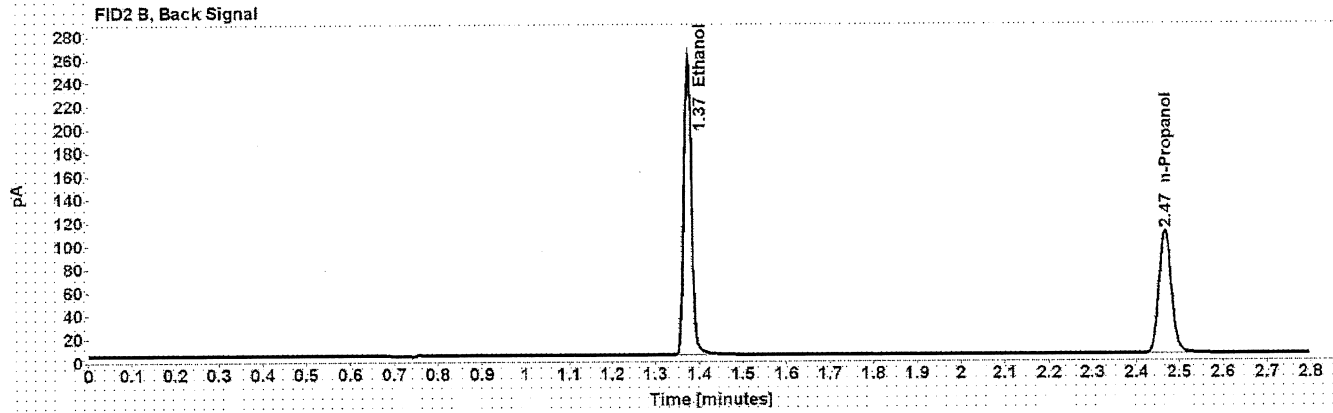
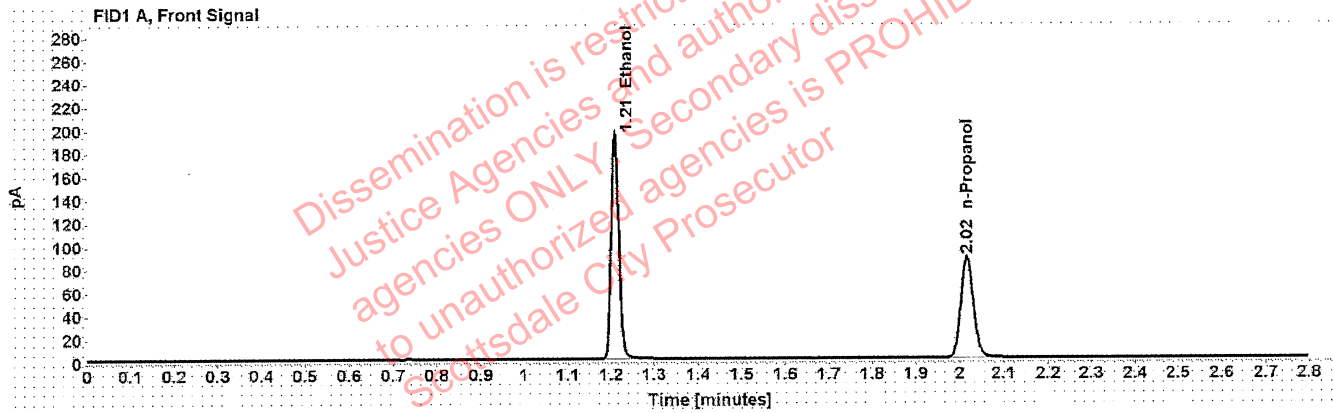


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	247.671
n-Propanol	2.016	174.779

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

Compound	Time (min)	Peak Area
Ethanol	1.373	311.081
n-Propanol	2.467	215.647

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071420AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:05:16 PM
Data file:	C:\Chem32\1\Data\24Nov20\5.D	Analyst:	Abbott

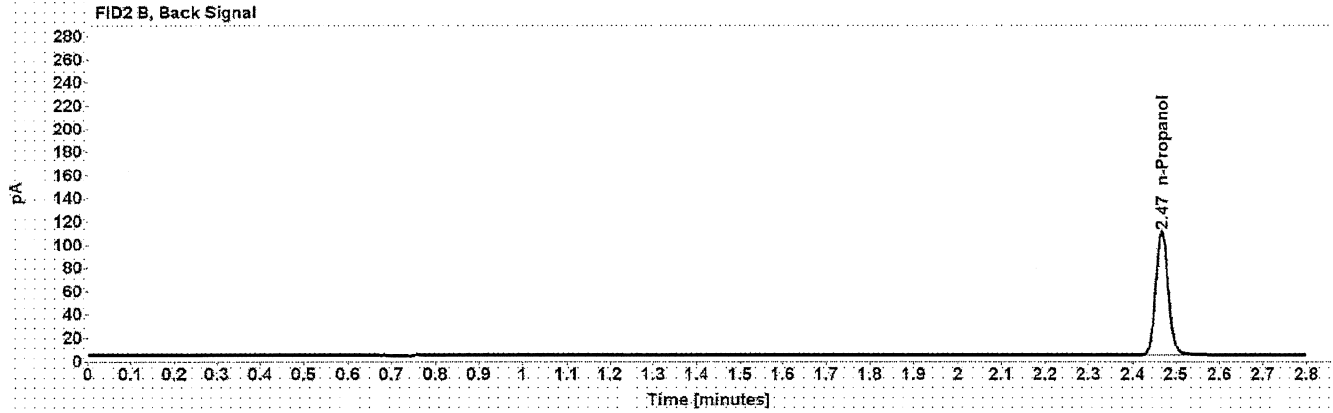
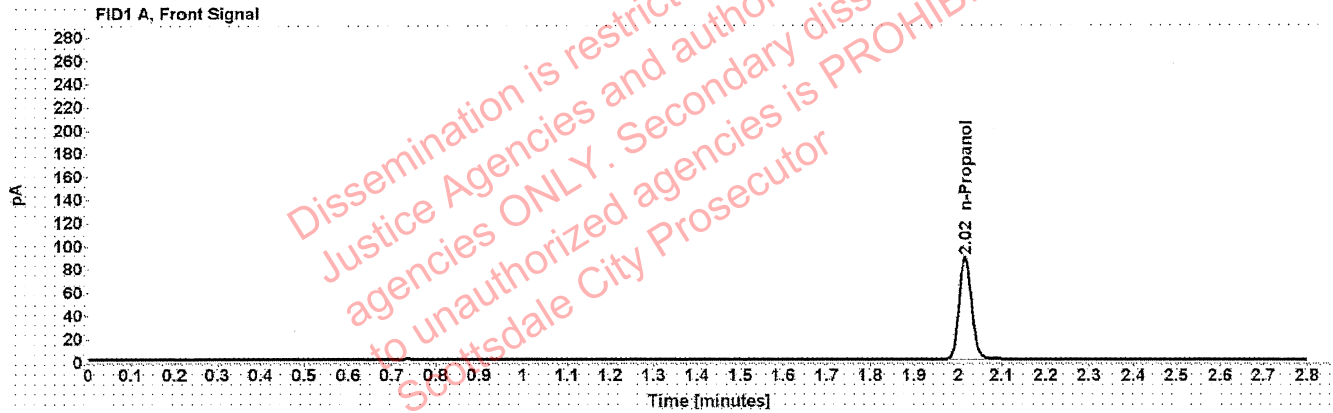


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	175.314

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	215.537

# 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> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 12:09:16 PM
<b>Data file:</b> C:\Chem32\1\Data\24Nov20\6.D	<b>Analyst:</b> Abbott

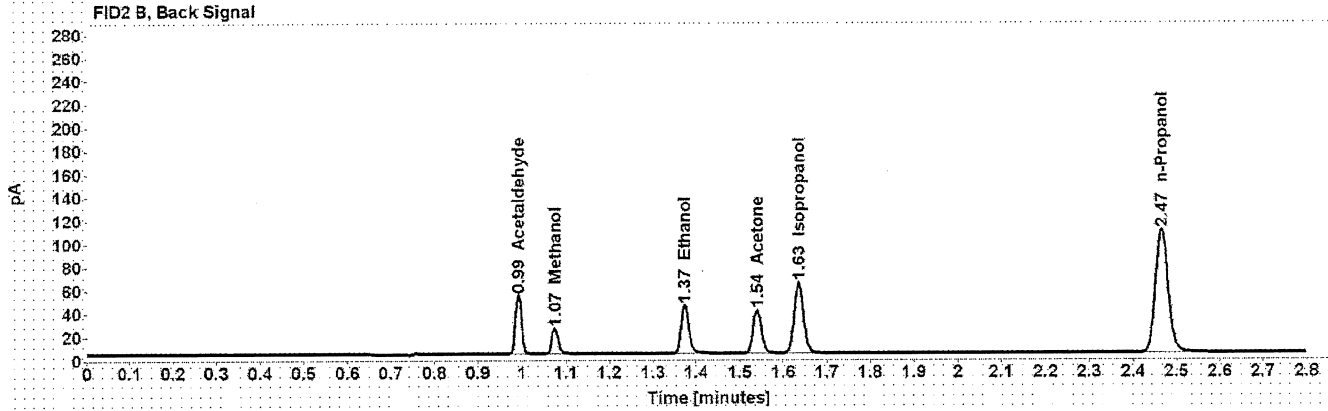
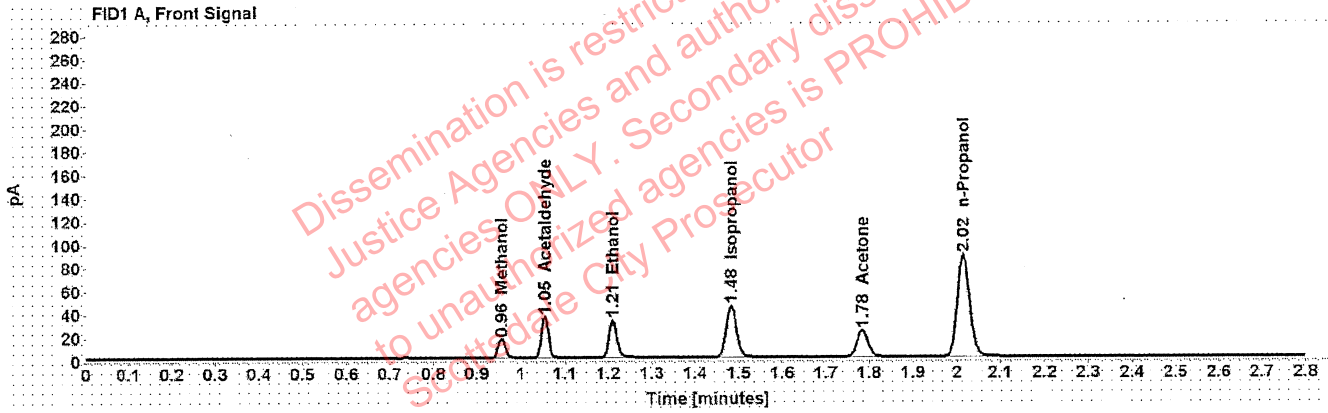


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.350
Acetaldehyde	-----	1.054	38.626
>Ethanol	0.0685	1.210	41.743
Isopropanol	-----	1.483	71.714
Acetone	-----	1.784	39.443
n-Propanol	-----	2.015	175.044

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	50.139
Methanol	1.075	23.634
Ethanol	1.373	52.073
Acetone	1.540	48.990
Isopropanol	1.635	92.110
n-Propanol	2.466	215.485

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 24Nov20
Instrument: US14173023 CN14160045	Injection date: 11/24/2020 12:13:29 PM
Data file: C:\Chem32\1\Data\24Nov20\7.D	Analyst: Abbott <span style="float: right;">JA</span>

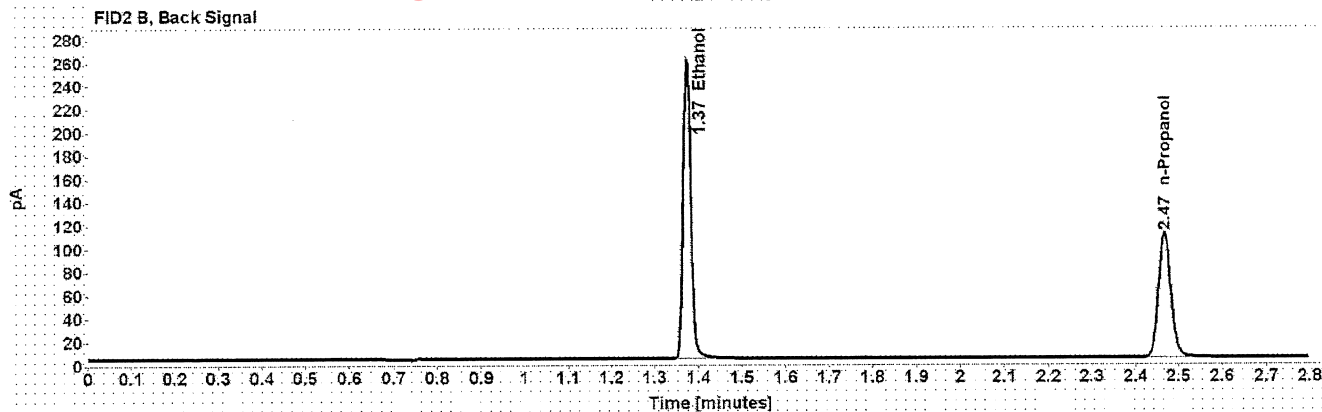
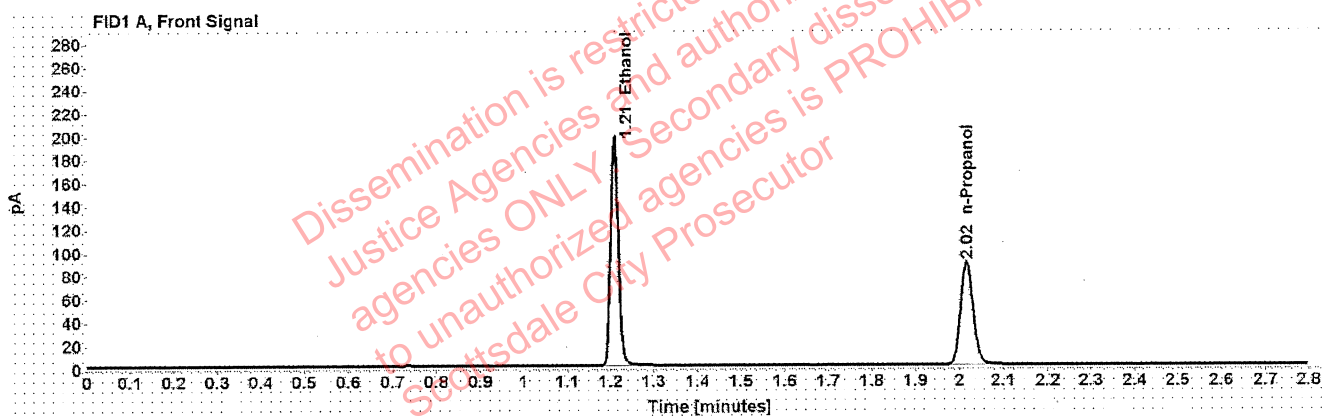


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4027	1.209	251.570
n-Propanol	-----	2.016	176.632

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

Compound	Time (min)	Peak Area
Ethanol	1.374	315.491
n-Propanol	2.468	217.902

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 24Nov20
Instrument: US14173023 CN14160045	Injection date: 11/24/2020 12:17:30 PM
Data file: C:\Chem32\1\Data\24Nov20\8.D	Analyst: Abbott <span style="float: right;">AM</span>

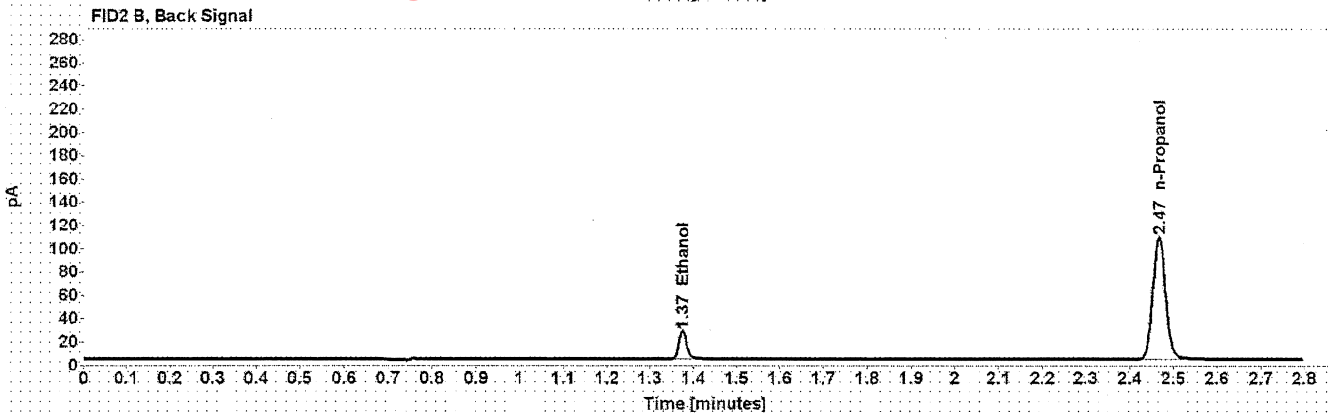


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	24.362
n-Propanol	-----	2.016	173.977

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.361
n-Propanol	2.467	213.771



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 9
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 12:21:30 PM
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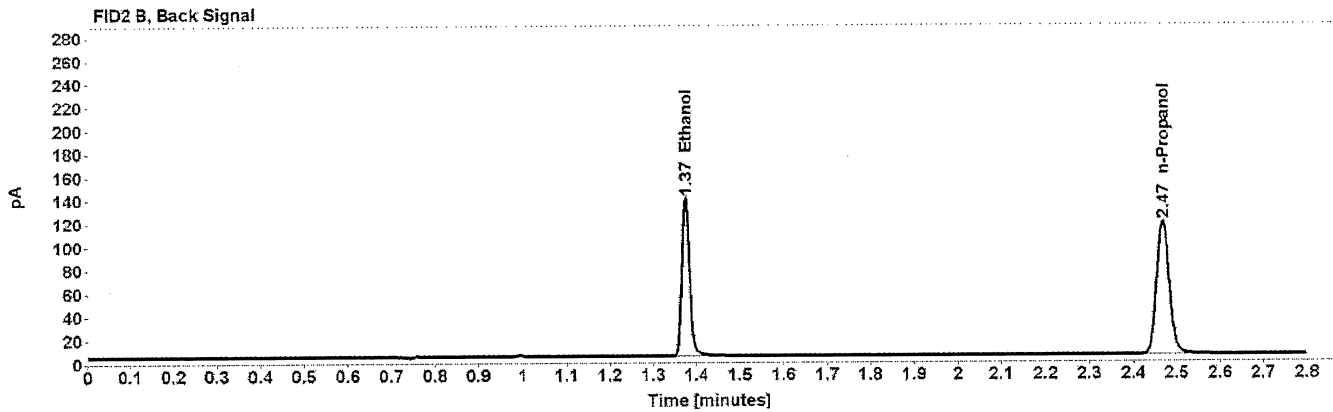
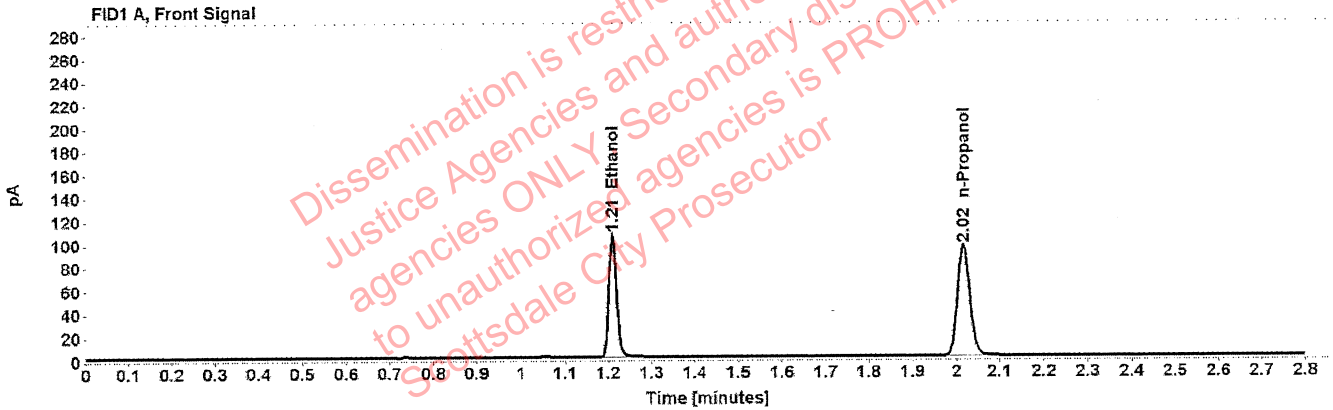


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2011	1.210	134.524
n-Propanol	-----	2.016	189.688

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

Compound	Time (min)	Peak Area
Ethanol	1.375	167.890
n-Propanol	2.468	233.509

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 03102016-A/1	<b>Vial:</b> 20
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 1:05:59 PM
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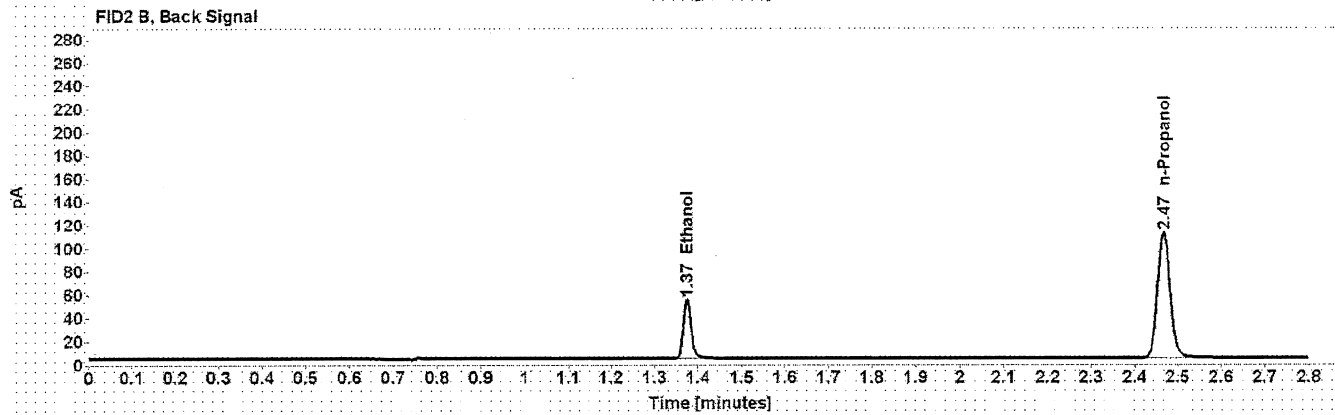
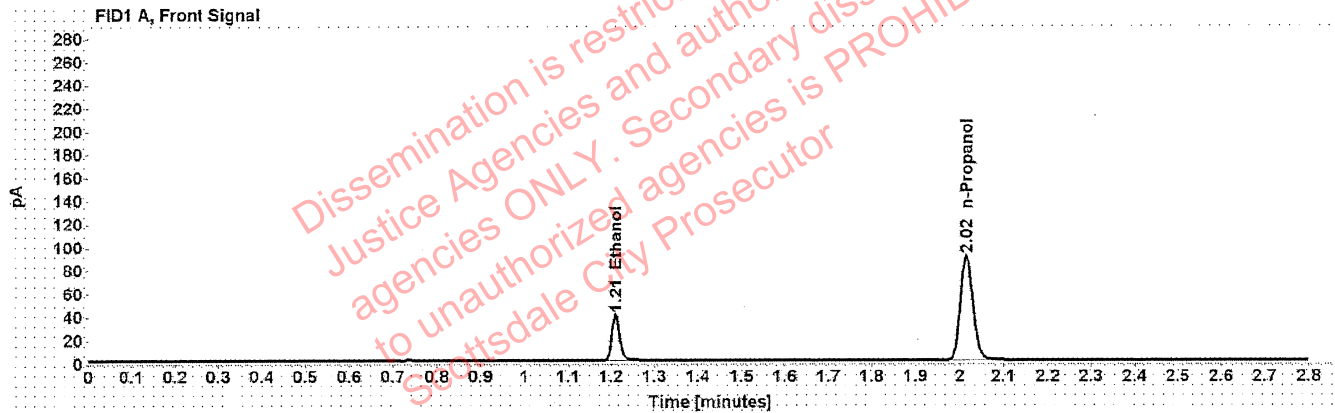


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.210	50.855
n-Propanol	-----	2.016	179.589

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

Compound	Time (min)	Peak Area
Ethanol	1.375	63.107
n-Propanol	2.467	220.156

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 03102016-A/1	<b>Vial:</b> 31
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 1:50:29 PM
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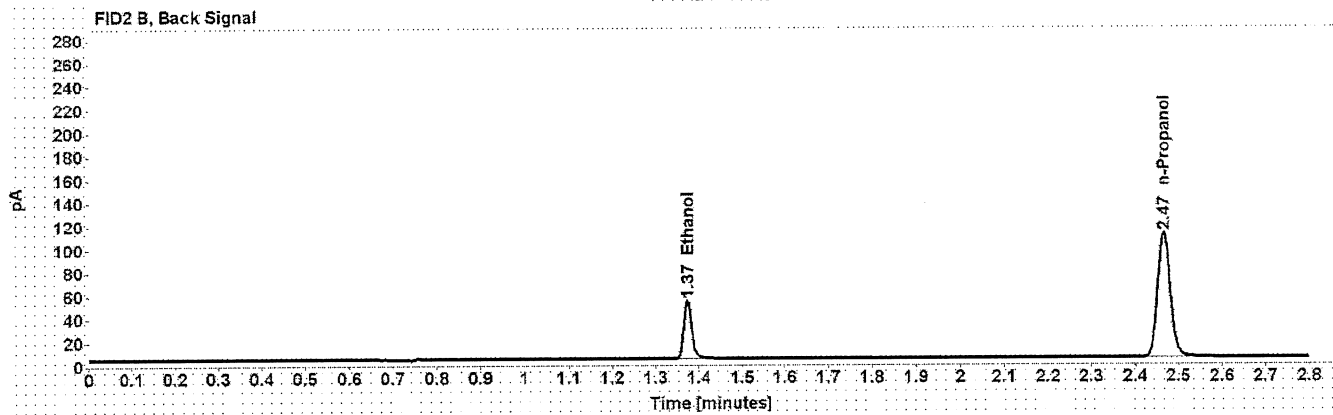
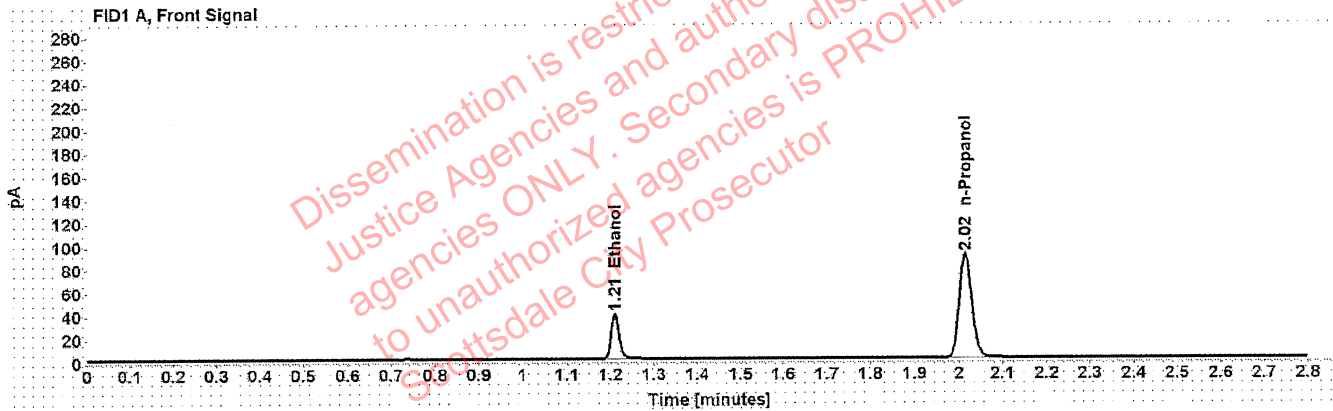


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.210	50.486
n-Propanol	-----	2.015	179.166

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.656
n-Propanol	2.466	219.464

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 42
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 2:34:45 PM
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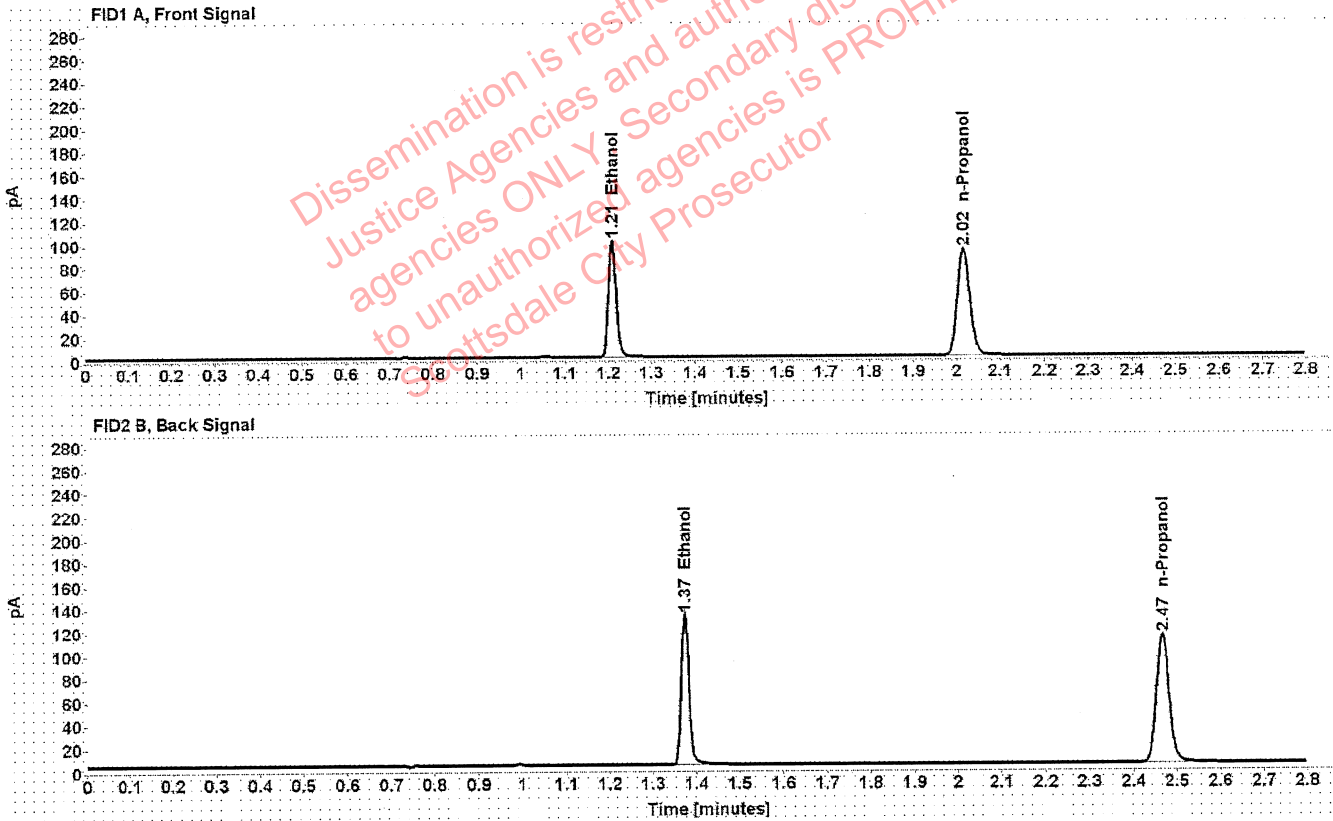


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.209	128.740
n-Propanol	-----	2.015	184.142

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

Compound	Time (min)	Peak Area
Ethanol	1.373	160.994
n-Propanol	2.466	225.879

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 53
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 3:19:15 PM
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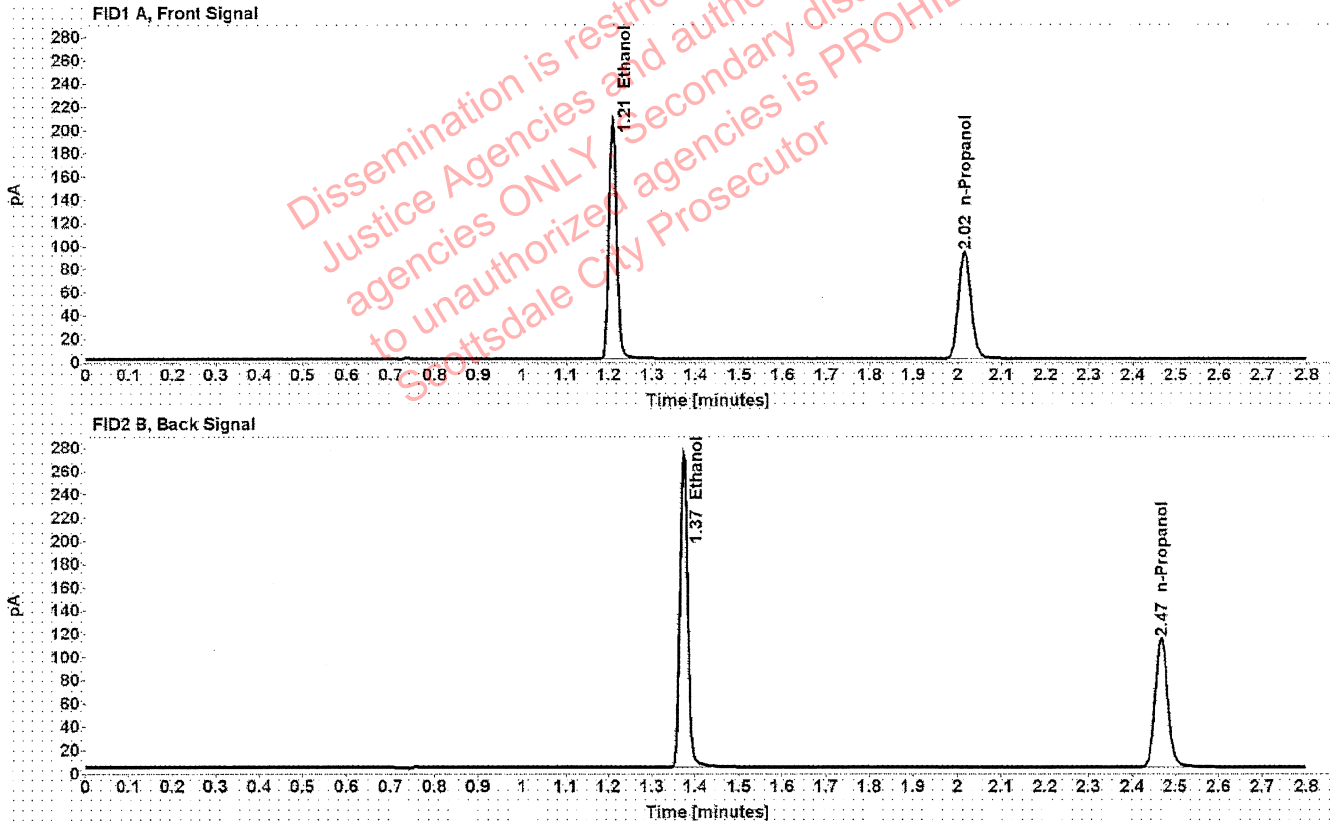


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4047	1.209	264.139
n-Propanol	-----	2.016	184.514

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

Compound	Time (min)	Peak Area
Ethanol	1.374	330.550
n-Propanol	2.467	226.595

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 54
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 3:23:16 PM
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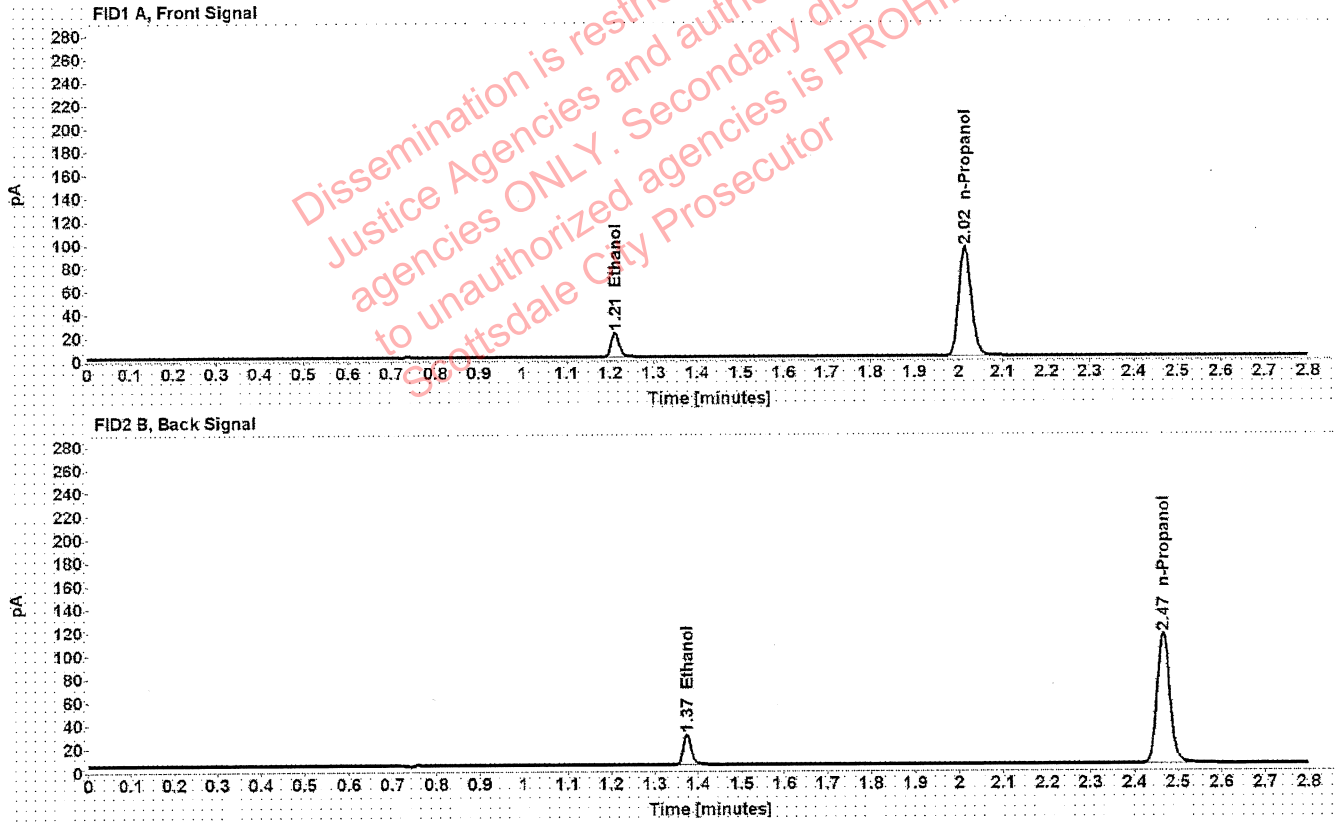


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	26.414
n-Propanol	-----	2.015	186.914

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

Compound	Time (min)	Peak Area
Ethanol	1.374	32.690
n-Propanol	2.466	228.853



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 55
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 24Nov20
Instrument: US14173023 CN14160045	Injection date: 11/24/2020 3:27:30 PM
Data file: C:\Chem32\1\Data\24Nov20\55.D	Analyst: Abbott

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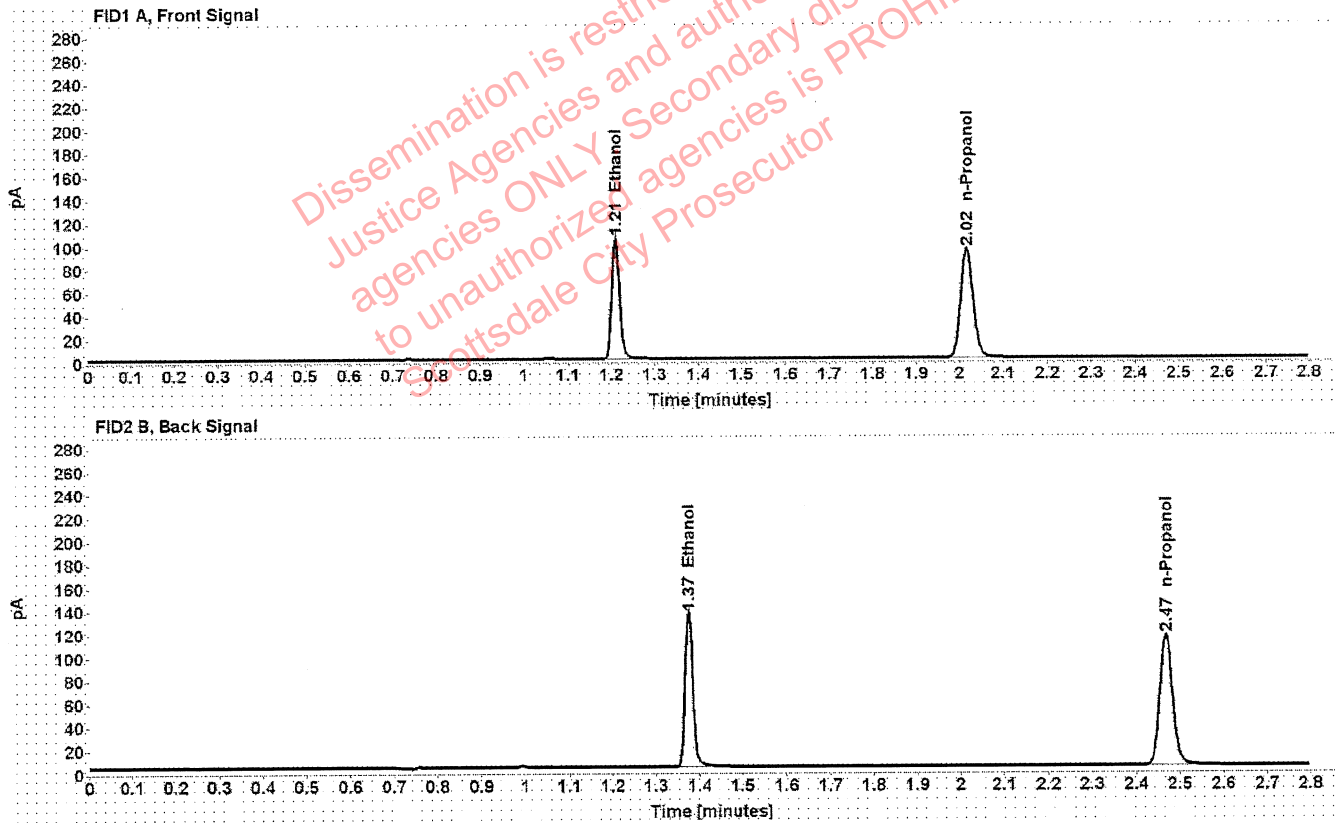


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2000	1.210	132.828
n-Propanol	-----	2.016	188.356

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

Compound	Time (min)	Peak Area
Ethanol	1.375	165.919
n-Propanol	2.468	230.784

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 040919WB	<b>Vial:</b> 56
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 24Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/24/2020 3:31:30 PM
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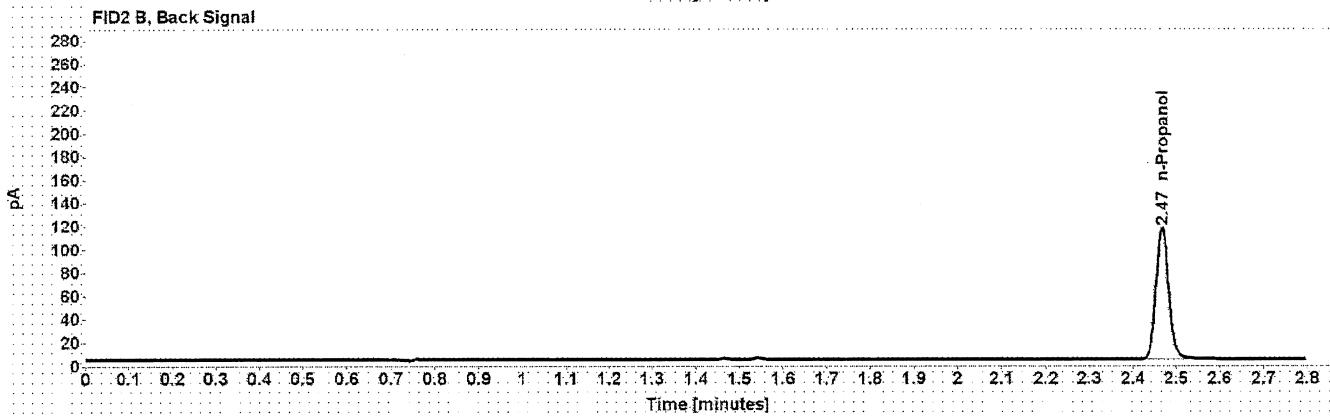
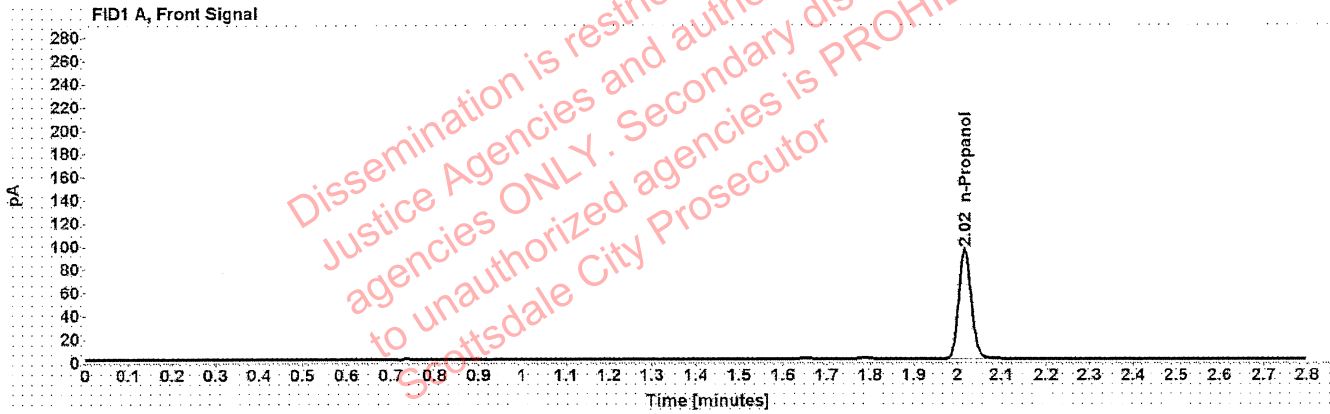



Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	189.264

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	232.005

# Sequence Summary

Sequence name: 24Nov20      Instrument: US14173023 CN14160045      Analyst: Abbott 

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	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	1346986		Sample		ethanol quant.M
11	1346986		Sample		ethanol quant.M
12	1347093		Sample		ethanol quant.M
13	1347093		Sample		ethanol quant.M
14	1346637		Sample		ethanol quant.M
15	1346637		Sample		ethanol quant.M
16	1346752		Sample		ethanol quant.M
17	1346752		Sample		ethanol quant.M
18	1346979		Sample		ethanol quant.M
19	1346979		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1347480		Sample		ethanol quant.M
22	1347480		Sample		ethanol quant.M
23	1347589		Sample		ethanol quant.M
24	1347589		Sample		ethanol quant.M
25	1347776		Sample		ethanol quant.M
26	1347776		Sample		ethanol quant.M
27	1347778		Sample		ethanol quant.M
28	1347778		Sample		ethanol quant.M
29	1305132		Sample		ethanol quant.M
30	1305132		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1345721		Sample		ethanol quant.M
33	1345721		Sample		ethanol quant.M
34	1345701		Sample		ethanol quant.M
35	1345701		Sample		ethanol quant.M
36	1347916		Sample		ethanol quant.M
37	1347916		Sample		ethanol quant.M
38	1346649		Sample		ethanol quant.M
39	1346649		Sample		ethanol quant.M
40	1347358		Sample		ethanol quant.M
41	1347358		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1345734		Sample		ethanol quant.M
44	1345734		Sample		ethanol quant.M
45	1347445		Sample		ethanol quant.M
46	1347445		Sample		ethanol quant.M
47	1347435		Sample		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies only. Second dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

# Sequence Summary



48	1347435		Sample		ethanol quant.M
49	1344515		Sample		ethanol quant.M
50	1344515		Sample		ethanol quant.M
51	1347201		Sample		ethanol quant.M
52	1347201		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	407041529/13	0.198	Control		ethanol quant.M
56	040919WB	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 24Nov20

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1736	0.1745	0.17405	0.26	0.00045
12 13	0.1001	0.1003	0.10020	0.10	0.00010
14 15	0.0335	0.0334	0.03345	0.15	0.00005
16 17	0.2429	0.2447	0.24380	0.37	0.00090
18 19	0.2358	0.2358	0.23580	0.00	0.00000
21 22	0.1700	0.1687	0.16935	0.38	0.00065
23 24	0.0212	0.0211	0.02115	0.24	0.00005
25 26	0.2127	0.2146	0.21365	0.44	0.00095
27 28	0.2447	0.2436	0.24415	0.23	0.00055
29 30	0.2113	0.2097	0.21050	0.38	0.00080
32 33	0.1551	0.1556	0.15535	0.16	0.00025
34 35	0.3283	0.3268	0.32755	0.23	0.00075
36 37	0.2238	0.2244	0.22410	0.13	0.00030
38 39	0.0637	0.0630	0.06335	0.55	0.00035
40 41	0.2737	0.2766	0.27515	0.53	0.00145
43 44	0.1605	0.1625	0.16150	0.62	0.00100
45 46	0.1421	0.1402	0.14115	0.67	0.00095
47 48	0.3262	0.3248	0.32550	0.22	0.00070
49 50	0.2729	0.2710	0.27195	0.35	0.00095
51 52	0.2312	0.2282	0.22970	0.65	0.00150

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







### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346986	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:25:30 PM
Data file:	C:\Chem32\1\Data\24Nov20\10.D	Analyst:	Abbott

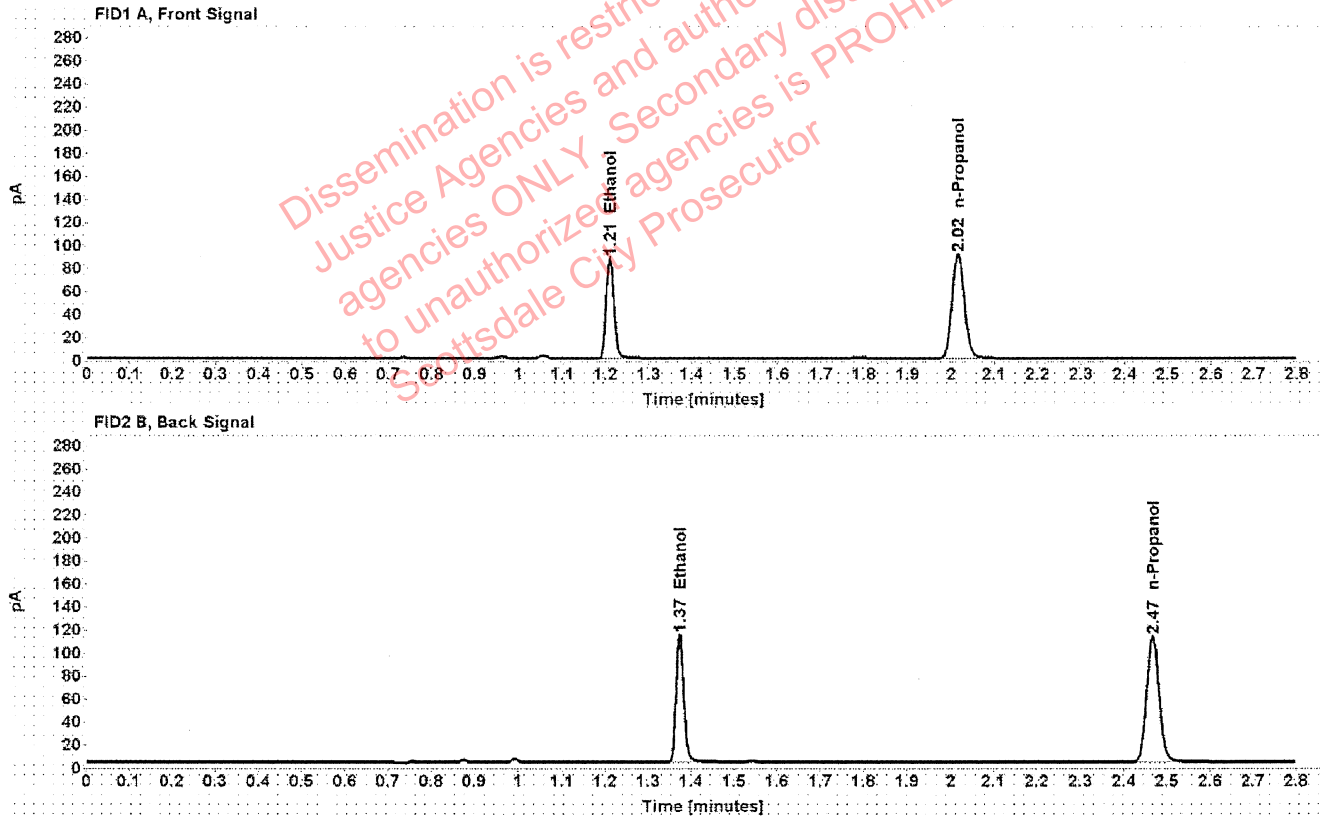


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1736	1.210	110.767
n-Propanol	-----	2.016	181.195

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

Compound	Time (min)	Peak Area
Ethanol	1.374	137.809
n-Propanol	2.467	222.246

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346986	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:29:29 PM
Data file:	C:\Chem32\11\Data\24Nov20\11.D	Analyst:	Abbott

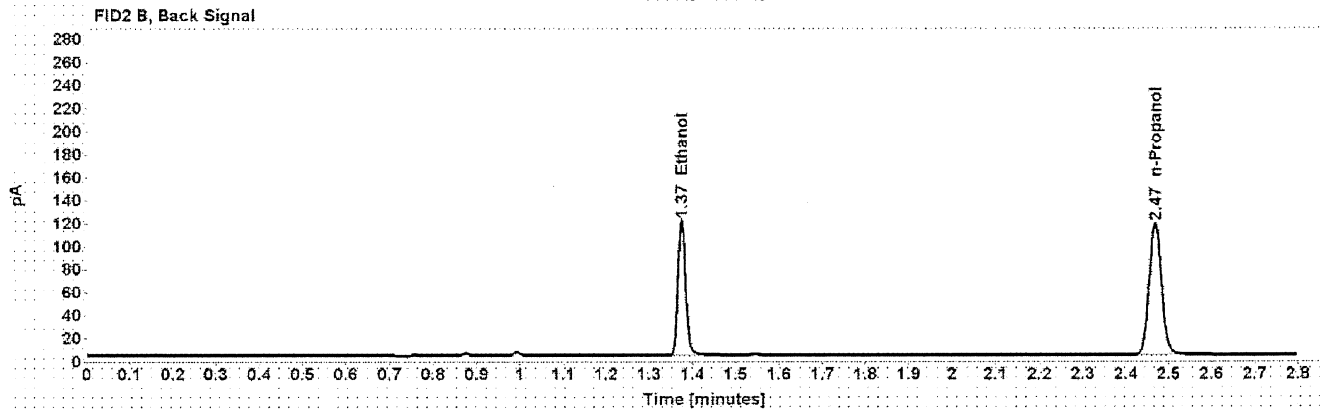
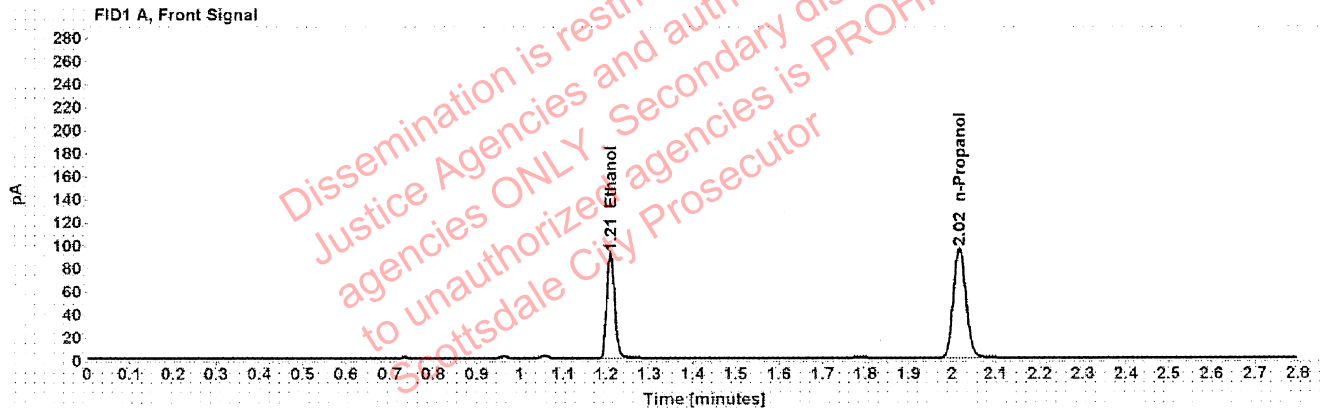


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1745	1.210	116.709
n-Propanol	-----	2.016	189.835

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

Compound	Time (min)	Peak Area
Ethanol	1.375	146.154
n-Propanol	2.468	232.825

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347093	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:33:30 PM
Data file:	C:\Chem32\1\Data\24Nov20\12.D	Analyst:	Abbott

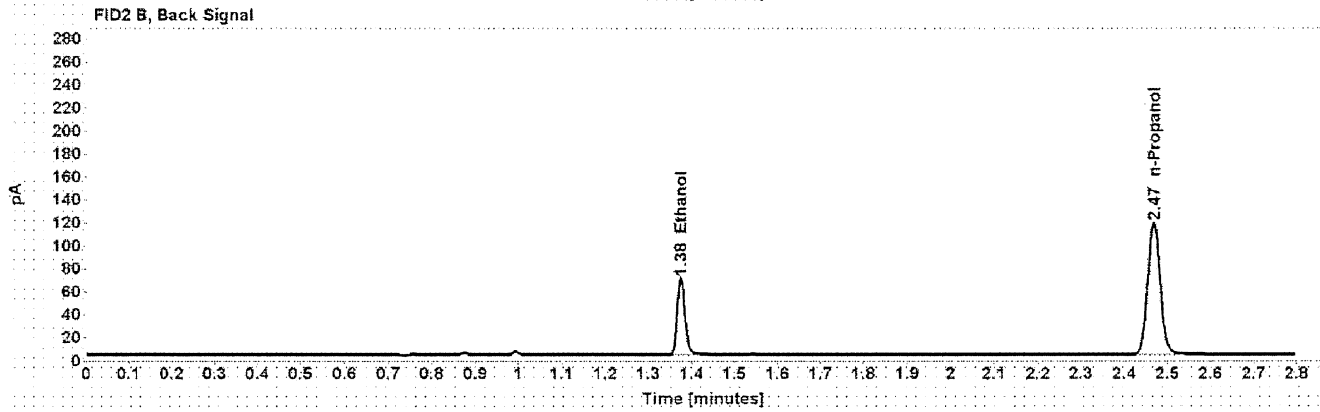
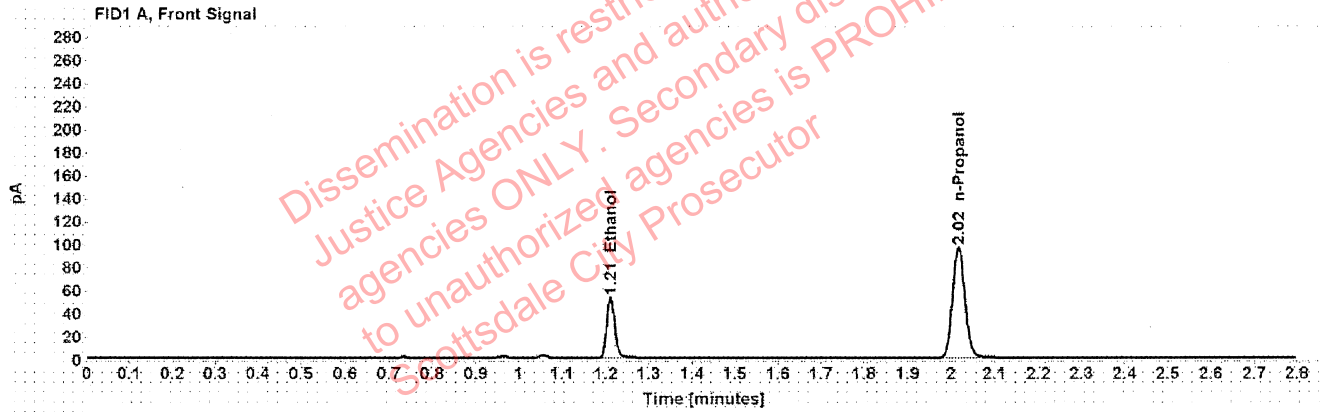


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1001	1.211	66.892
n-Propanol	-----	2.016	190.766

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

Compound	Time (min)	Peak Area
Ethanol	1.375	83.090
n-Propanol	2.468	234.084

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347093	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:37:45 PM
Data file:	C:\Chem32\1\Data\24Nov20\13.D	Analyst:	Abbott

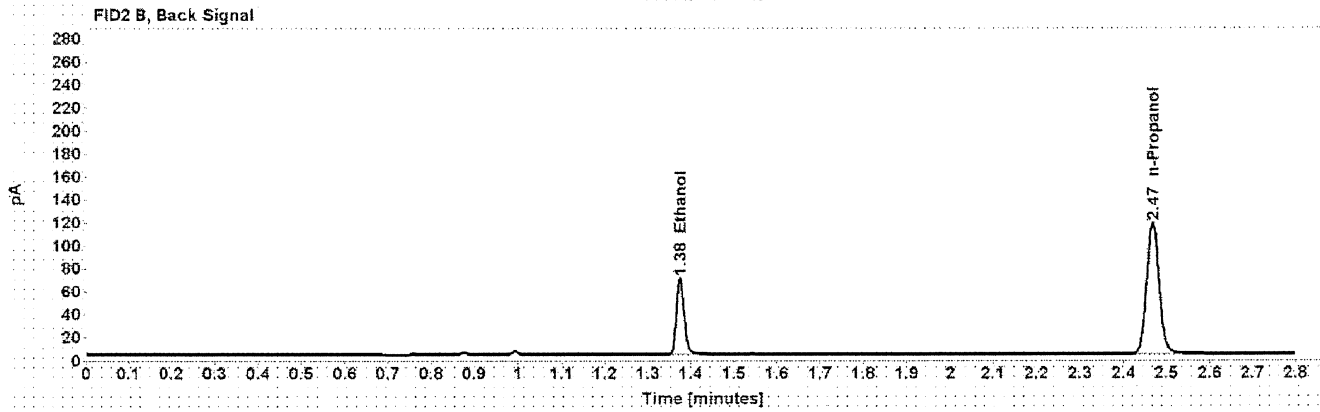
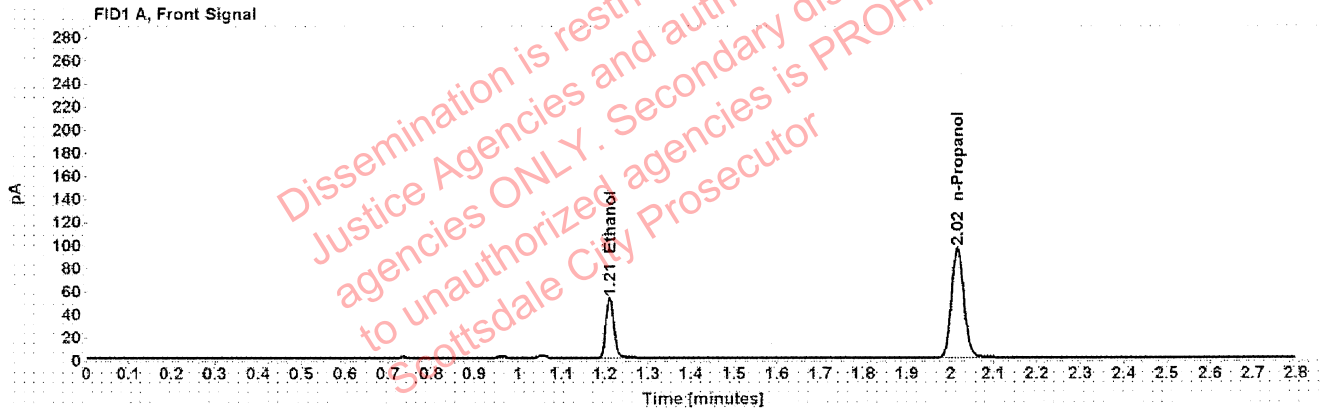


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1003	1.211	66.712
n-Propanol	-----	2.016	189.913

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

Compound	Time (min)	Peak Area
Ethanol	1.375	82.805
n-Propanol	2.468	232.935

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346637	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:41:46 PM
Data file:	C:\Chem32\1\Data\24Nov20\14.D	Analyst:	Abbott

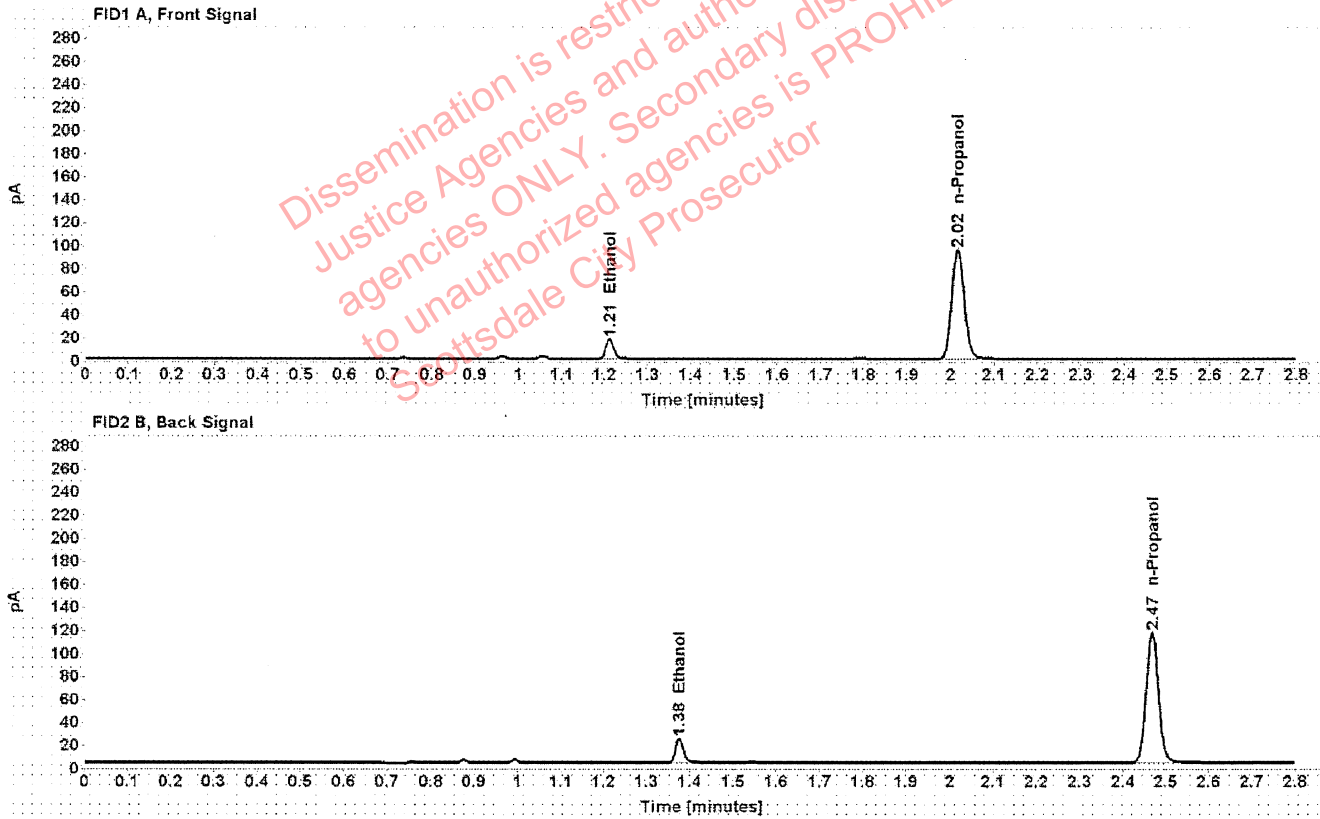


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0335	1.212	21.587
n-Propanol	-----	2.016	188.602

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

Compound	Time (min)	Peak Area
Ethanol	1.376	27.148
n-Propanol	2.468	231.750

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346637	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:45:44 PM
Data file:	C:\Chem32\1\Data\24Nov20\15.D	Analyst:	Abbott

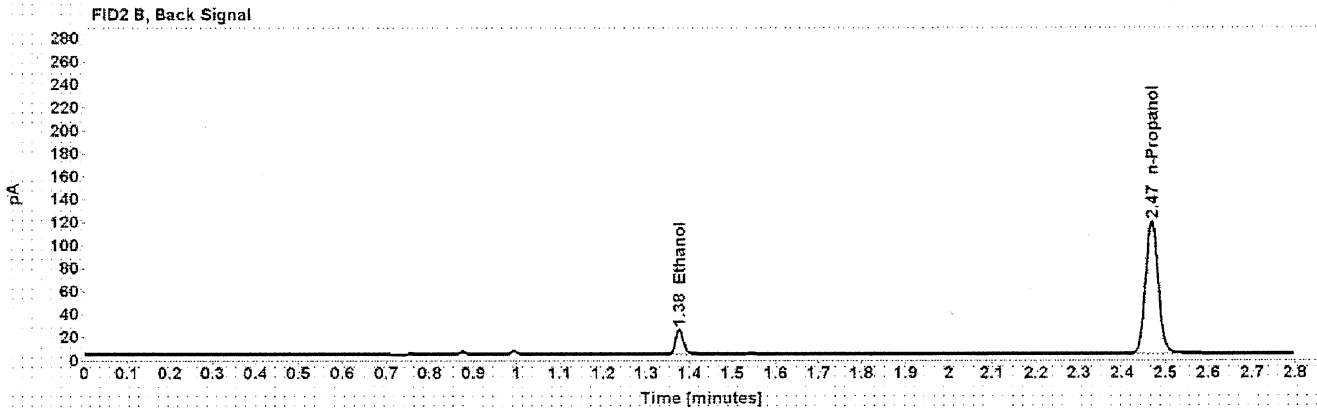
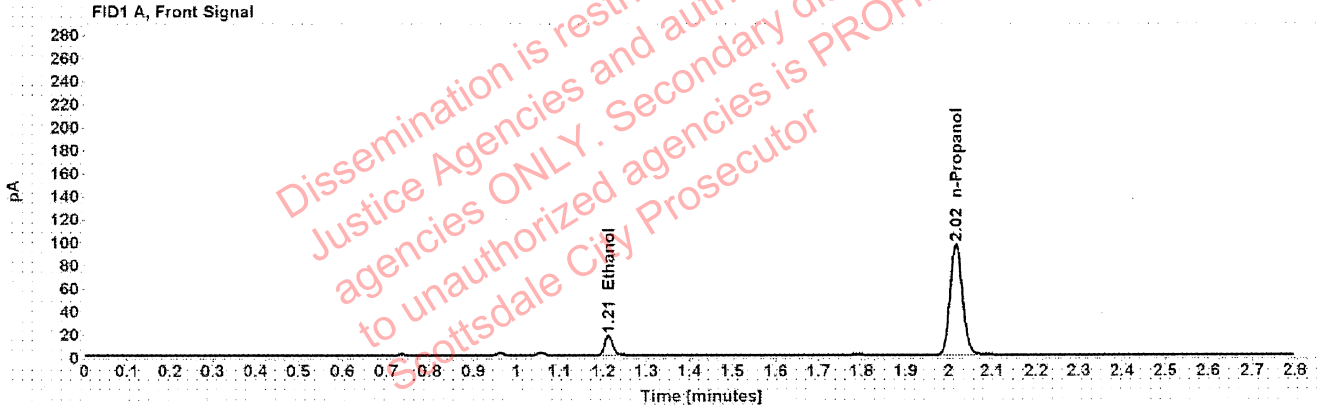


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0334	1.212	21.847
n-Propanol	-----	2.016	191.717

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

Compound	Time (min)	Peak Area
Ethanol	1.376	27.632
n-Propanol	2.468	235.302



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346752	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:49:44 PM
Data file:	C:\Chem32\1\Data\24Nov20\16.D	Analyst:	Abbott

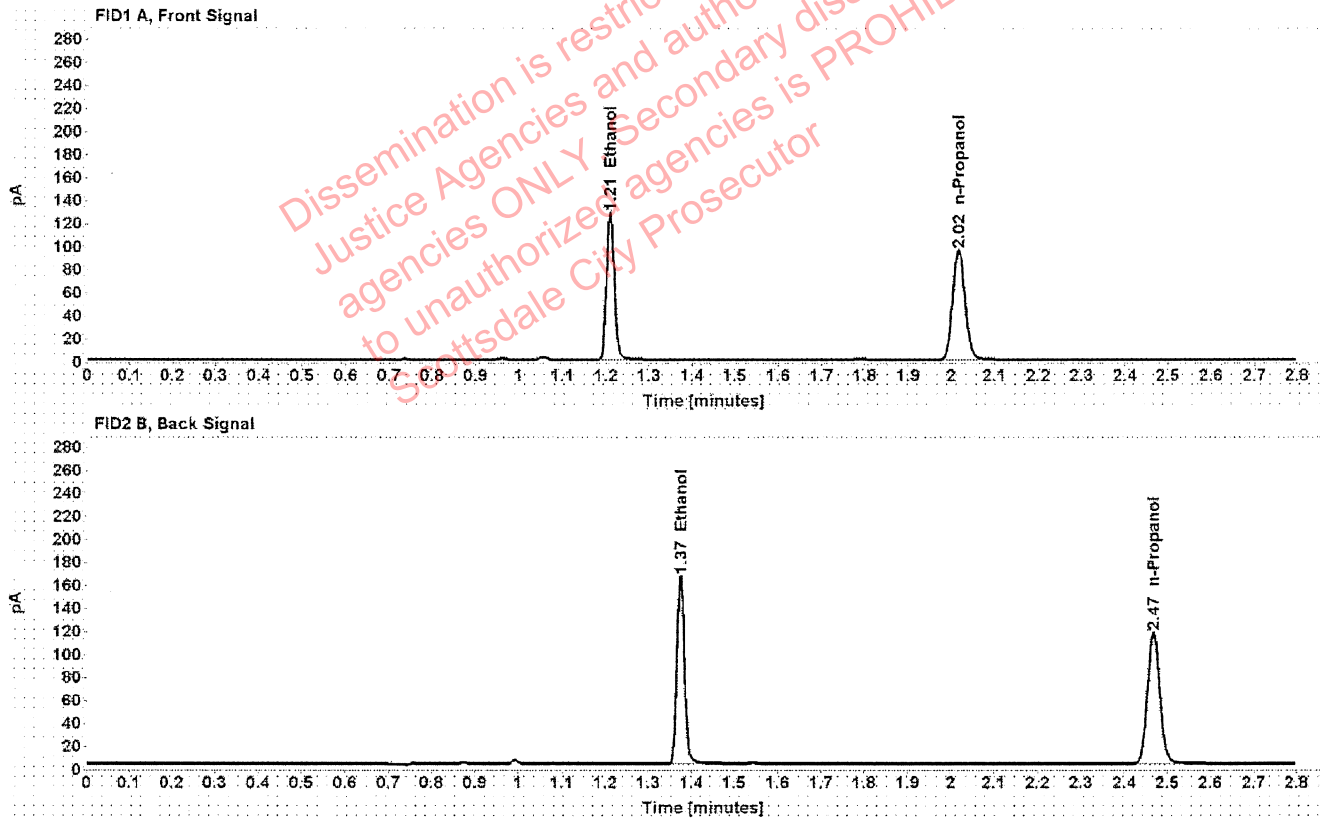


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2429	1.210	162.220
n-Propanol	-----	2.016	189.210

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

Compound	Time (min)	Peak Area
Ethanol	1.374	202.852
n-Propanol	2.467	232.648

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346752	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:53:45 PM
Data file:	C:\Chem32\1\Data\24Nov20\17.D	Analyst:	Abbott

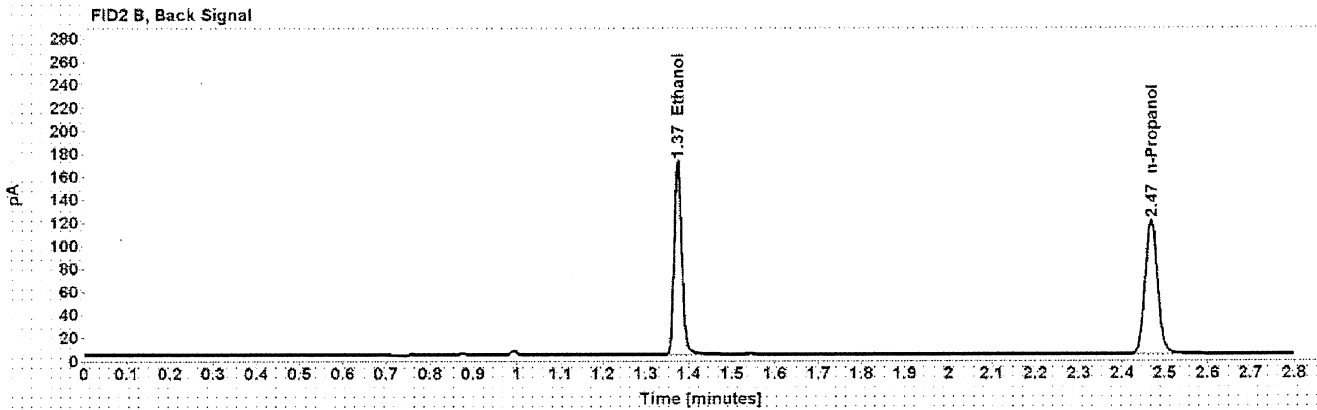
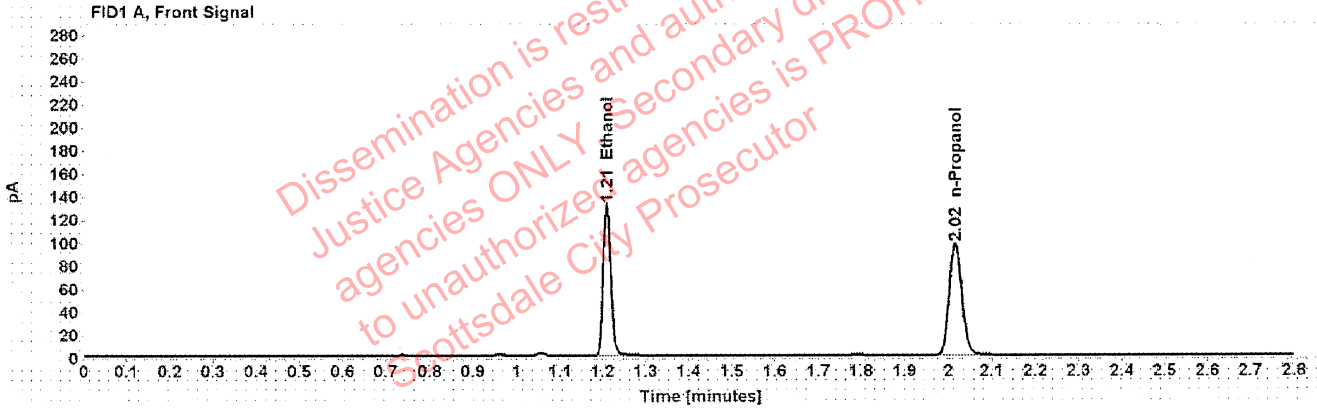


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2447	1.210	166.906
n-Propanol	-----	2.016	193.206

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

Compound	Time (min)	Peak Area
Ethanol	1.375	208.567
n-Propanol	2.468	237.512

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346979	Vial:	18
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 12:57:45 PM
Data file:	C:\Chem32\11\Data\24Nov20\18.D	Analyst:	Abbott

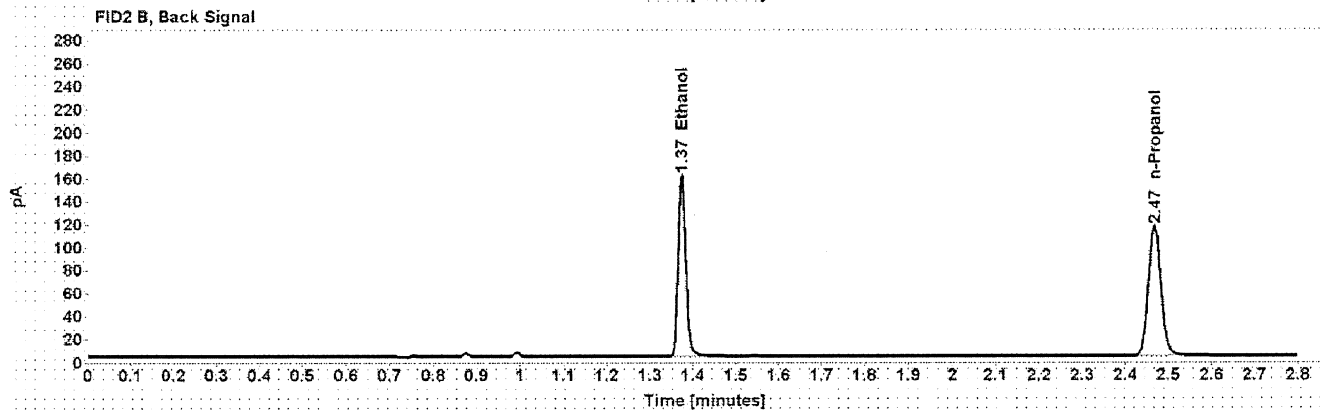
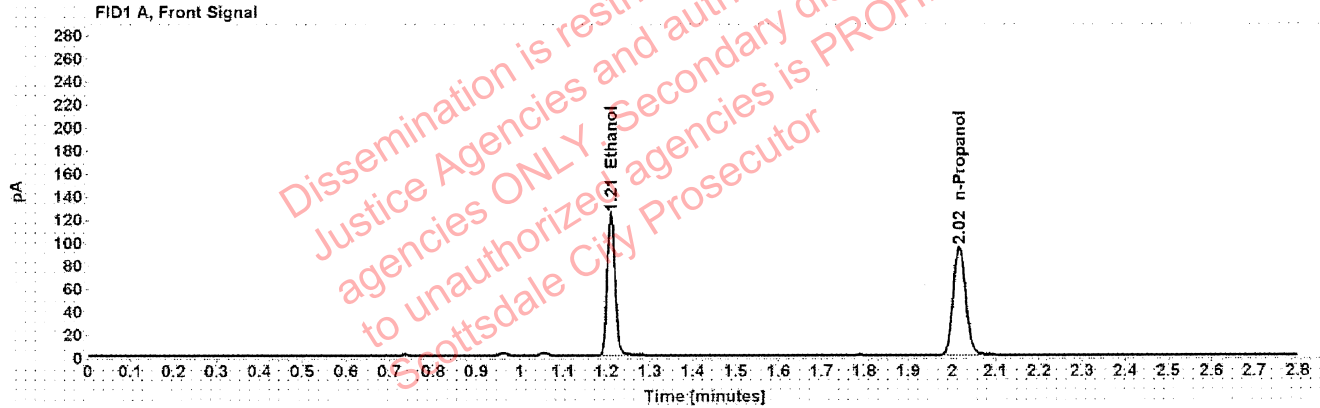


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2358	1.210	156.648
n-Propanol	-----	2.016	188.206

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

Compound	Time (min)	Peak Area
Ethanol	1.375	195.860
n-Propanol	2.468	230.932

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346979	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:02:01 PM
Data file:	C:\Chem3211\Data\24Nov20\19.D	Analyst:	Abbott

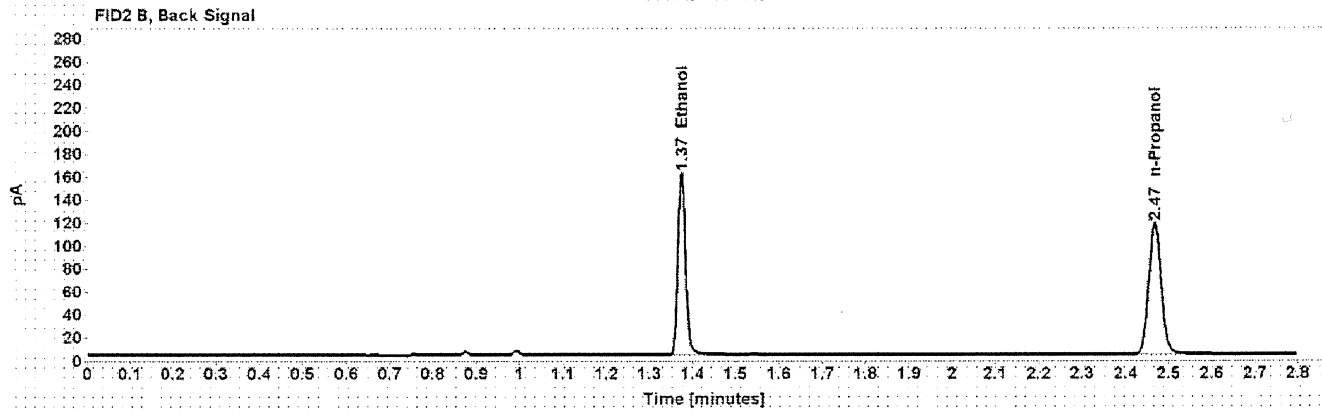
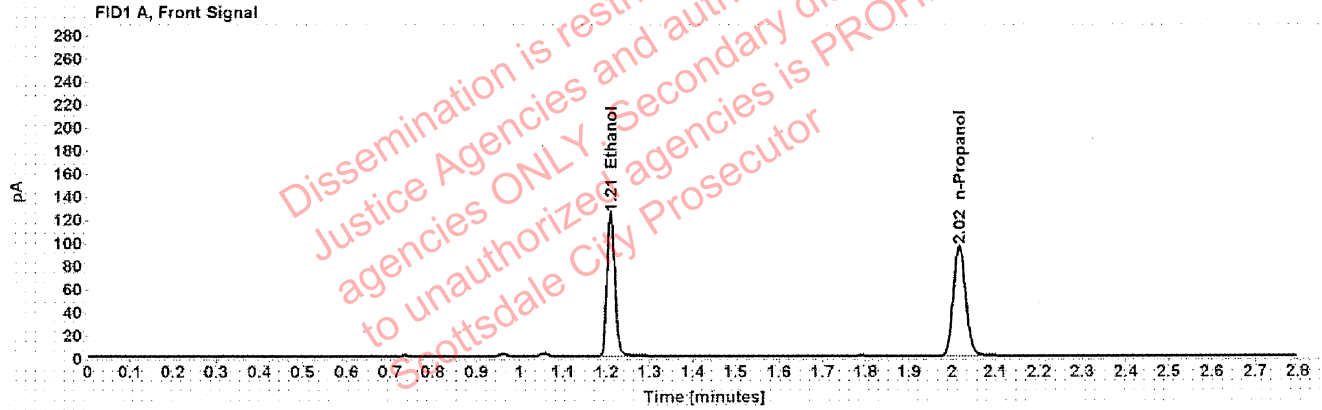


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2358	1.210	157.393
n-Propanol	-----	2.016	189.151

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

Compound	Time (min)	Peak Area
Ethanol	1.374	196.566
n-Propanol	2.467	232.187

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347480	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:09:59 PM
Data file:	C:\Chem32\1\Data\24Nov20\21.D	Analyst:	Abbott

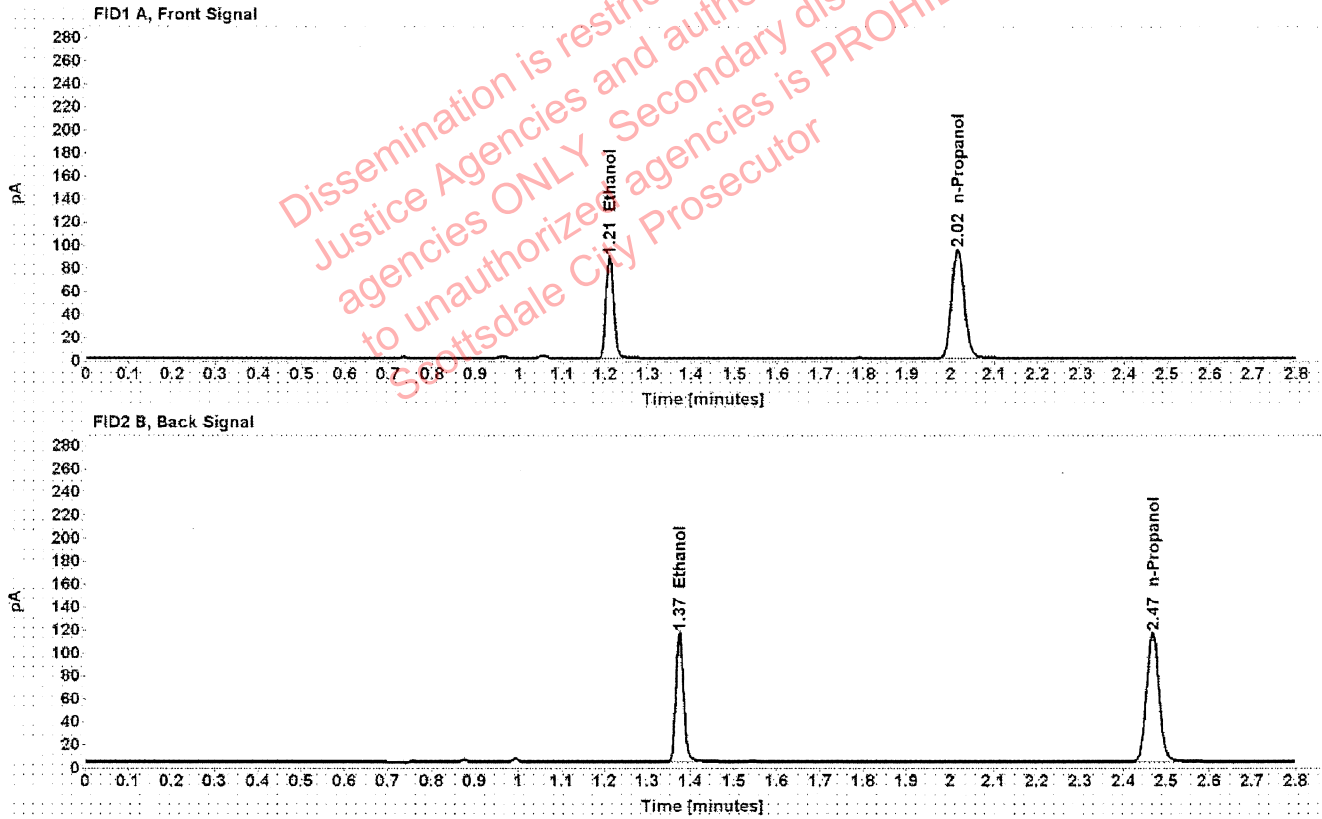


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1700	1.210	112.369
n-Propanol	-----	2.016	187.732

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

Compound	Time (min)	Peak Area
Ethanol	1.375	139.853
n-Propanol	2.468	230.511

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347480	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:14:01 PM
Data file:	C:\Chem32\1\Data\24Nov20\22.D	Analyst:	Abbott

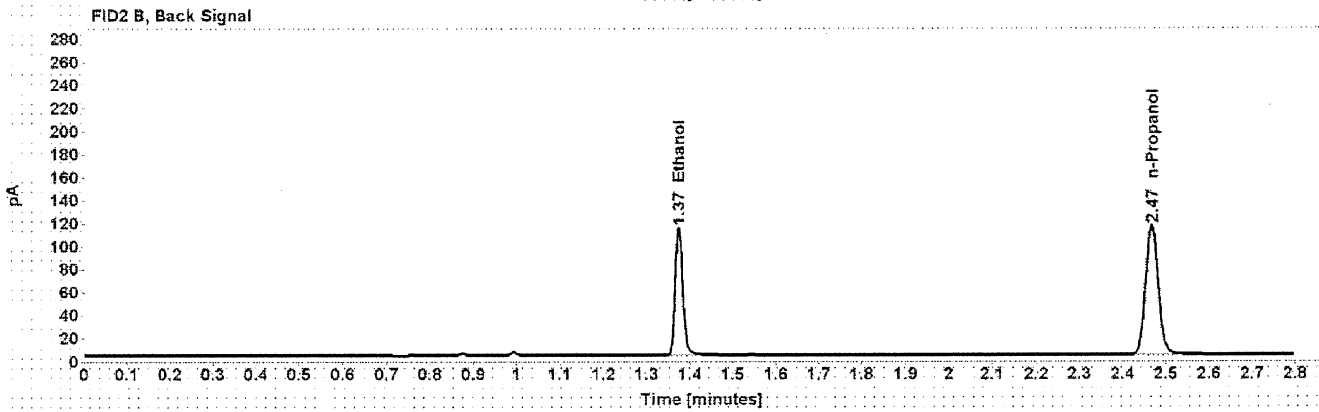
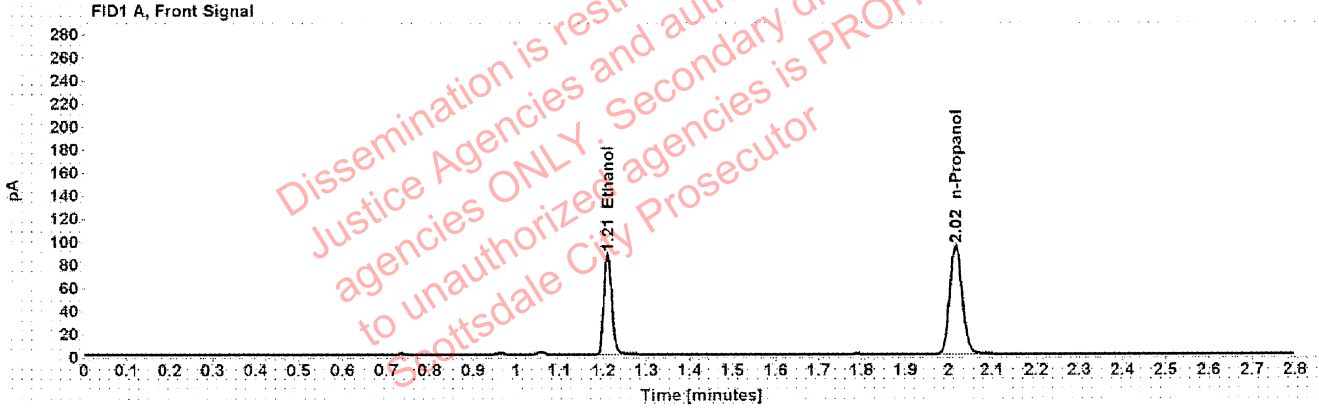


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1687	1.210	111.449
n-Propanol	-----	2.016	187.658

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

Compound	Time (min)	Peak Area
Ethanol	1.374	138.847
n-Propanol	2.468	230.336

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347589	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:18:00 PM
Data file:	C:\Chem32\1\Data\24Nov20\23.D	Analyst:	Abbott

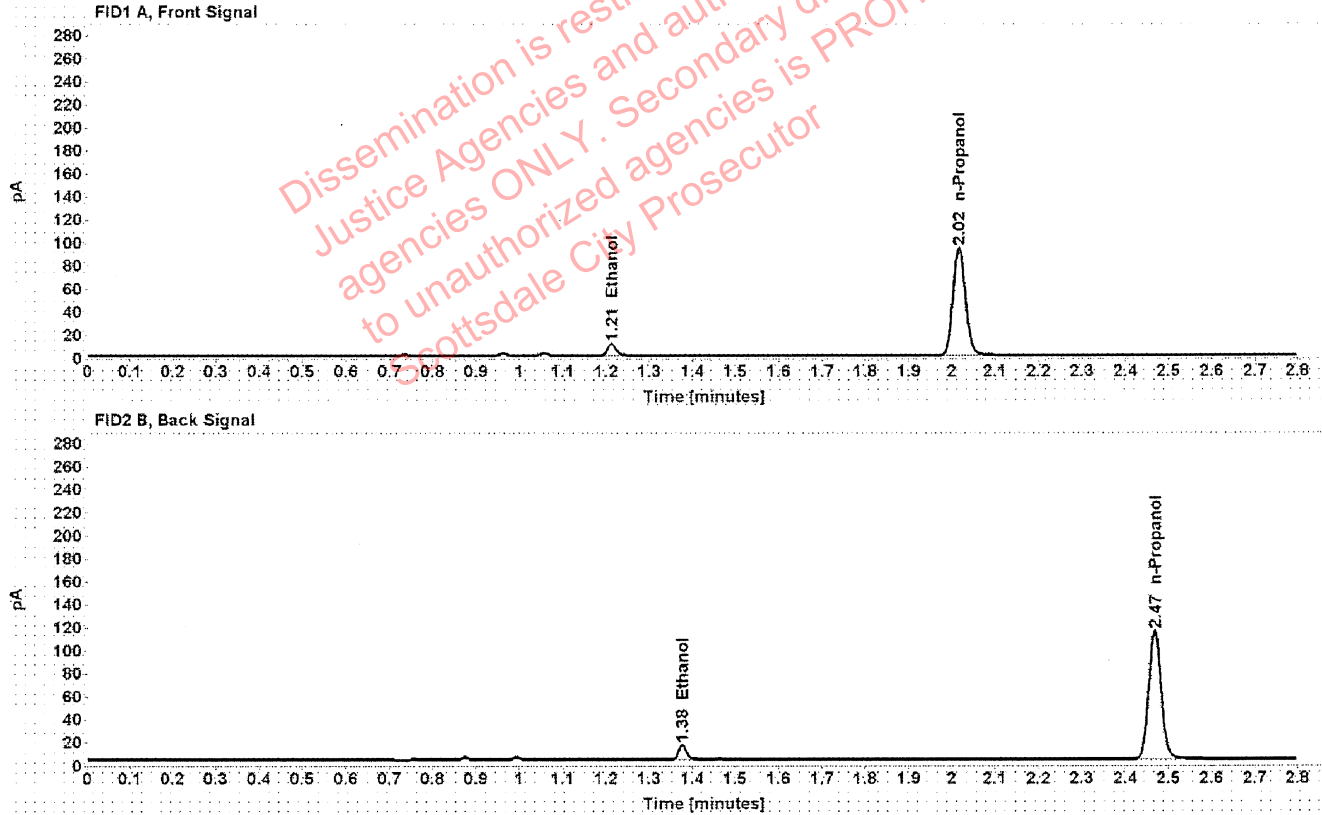


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0212	1.213	13.134
n-Propanol	-----	2.016	185.630

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

Compound	Time (min)	Peak Area
Ethanol	1.377	16.414
n-Propanol	2.468	227.729



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347589	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:22:00 PM
Data file:	C:\Chem32\1\Data\24Nov20\24.D	Analyst:	Abbott

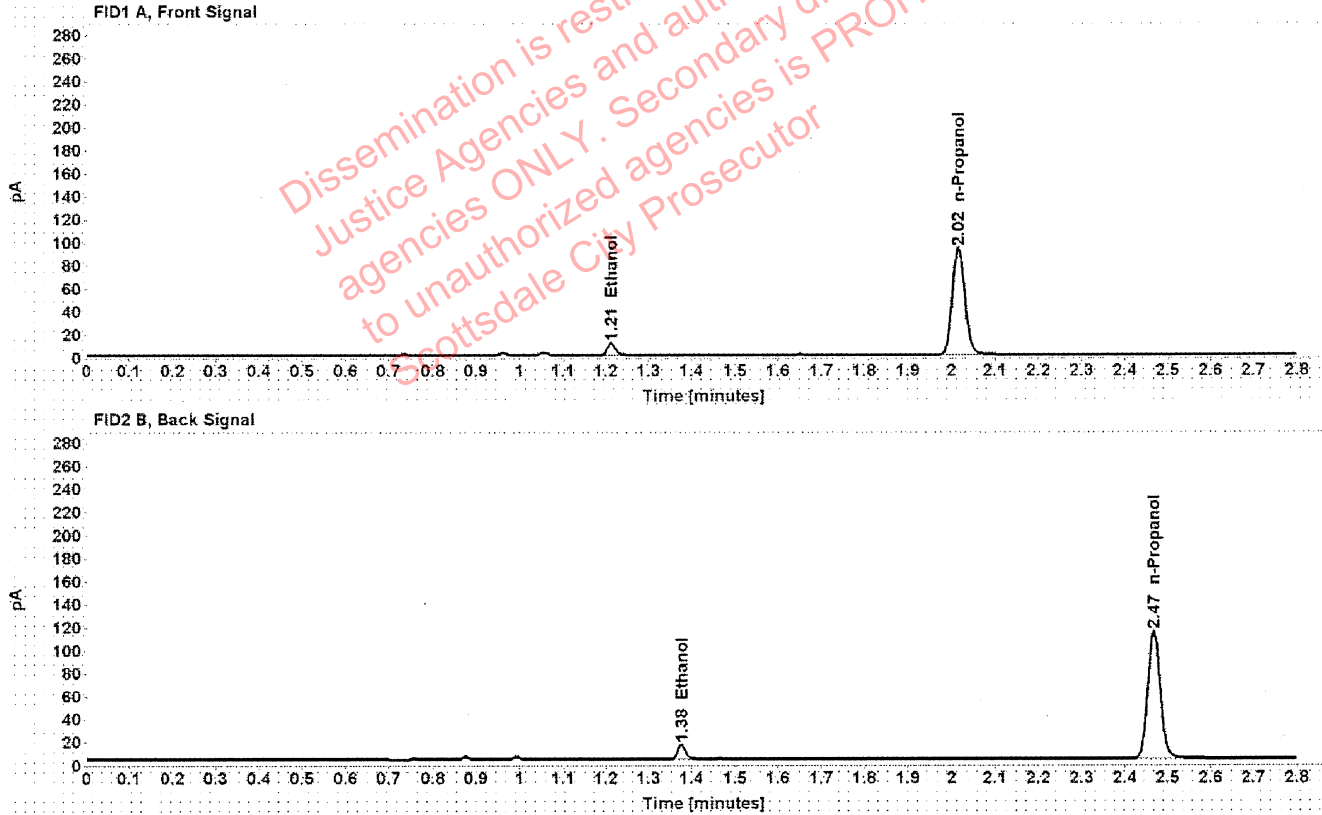


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0211	1.212	13.044
n-Propanol	-----	2.016	185.229

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

Compound	Time (min)	Peak Area
Ethanol	1.376	16.494
n-Propanol	2.468	226.793

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347776	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:26:15 PM
Data file:	C:\Chem32\1\Data\24Nov20\25.D	Analyst:	Abbott

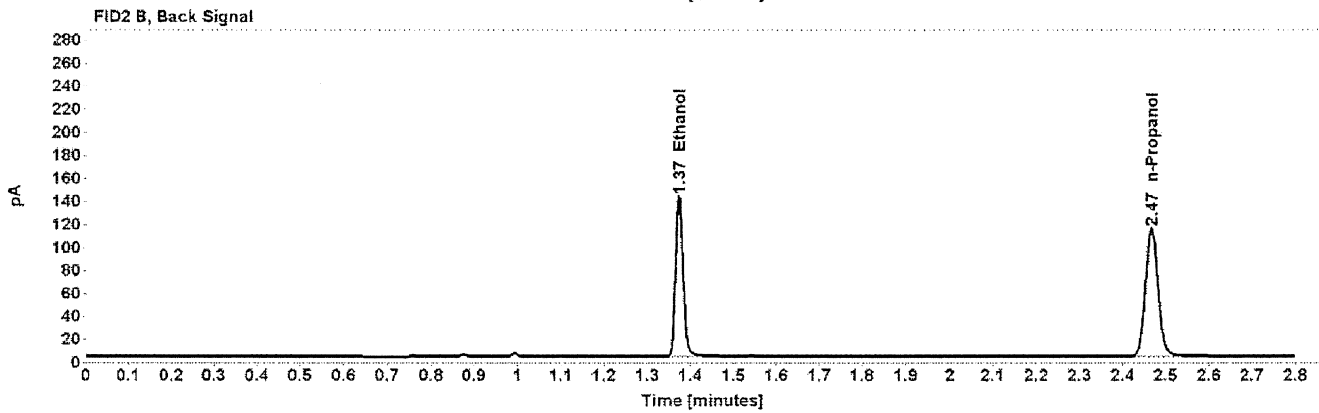
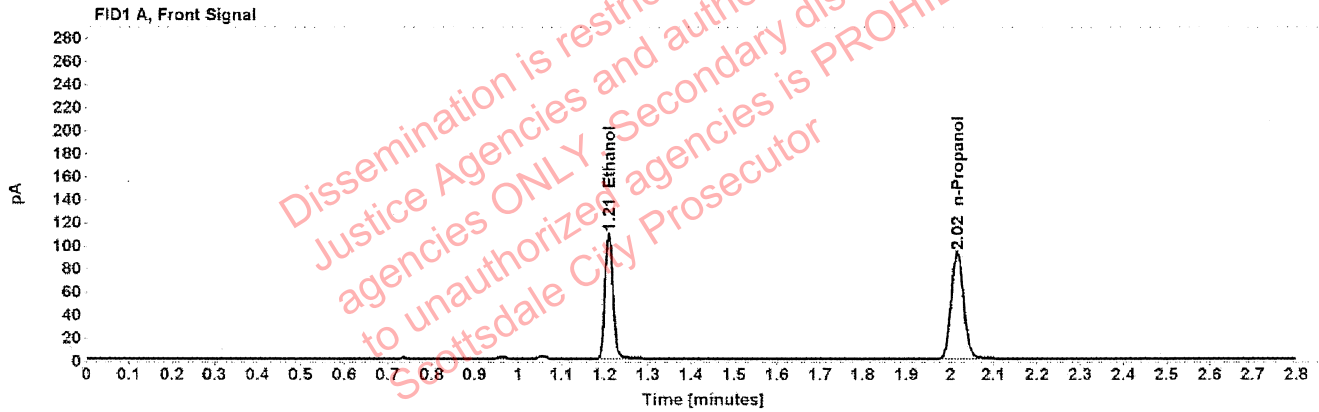


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2127	1.209	138.980
n-Propanol	-----	2.016	185.241

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

Compound	Time (min)	Peak Area
Ethanol	1.374	173.256
n-Propanol	2.467	227.047

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347776	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:30:14 PM
Data file:	C:\Chem32\1\Data\24Nov20\26.D	Analyst:	Abbott

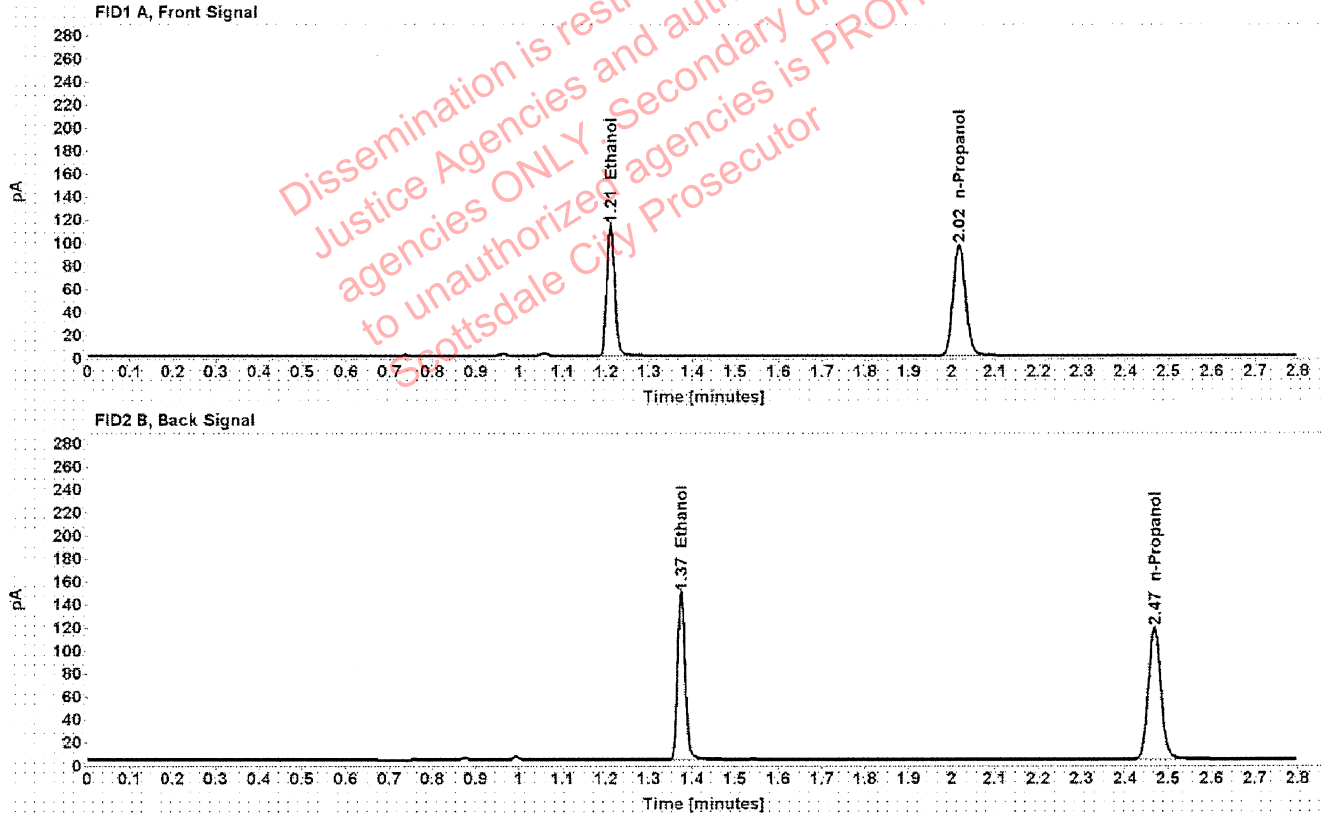


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2146	1.210	144.620
n-Propanol	-----	2.016	191.071

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

Compound	Time (min)	Peak Area
Ethanol	1.375	180.138
n-Propanol	2.468	234.218

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347778	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:34:14 PM
Data file:	C:\Chem32\1\Data\24Nov20\27.D	Analyst:	Abbott

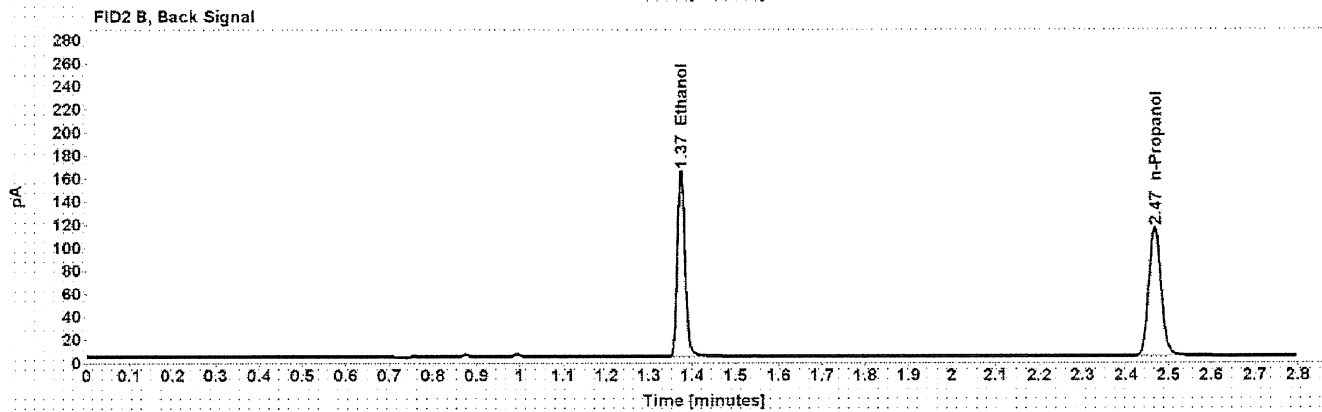
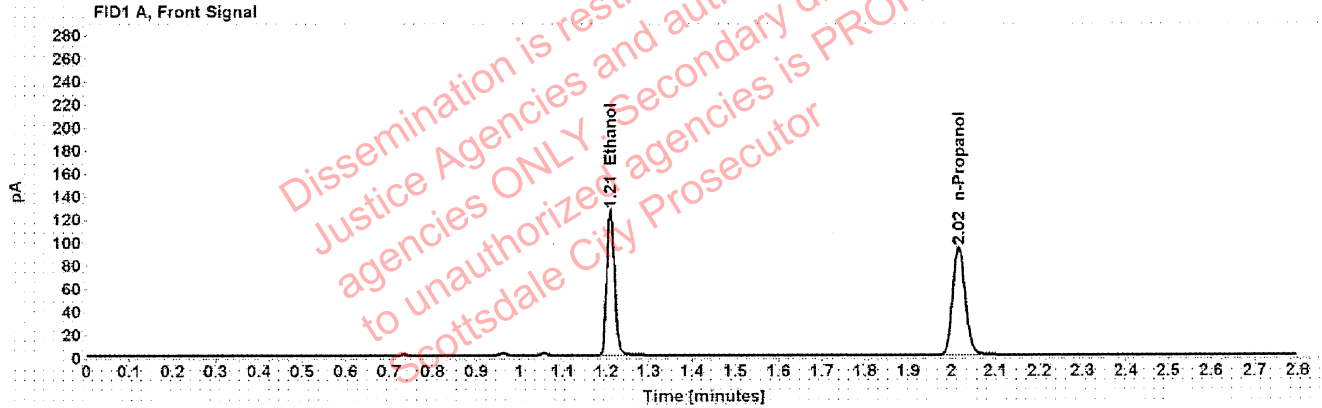


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2447	1.210	160.610
n-Propanol	-----	2.016	185.941

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.474
n-Propanol	2.468	227.497

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347778	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:38:17 PM
Data file:	C:\Chem32\1\Data\24Nov20\28.D	Analyst:	Abbott

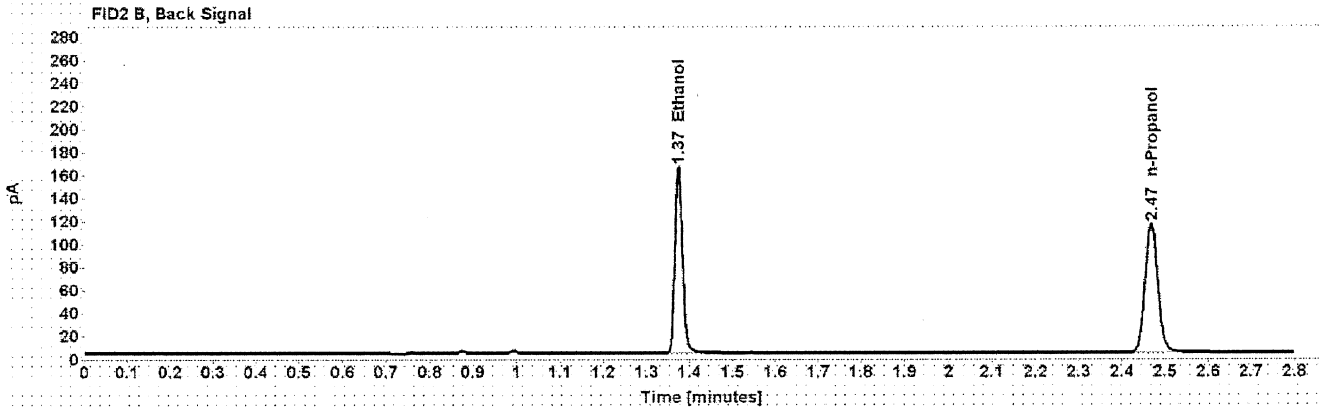
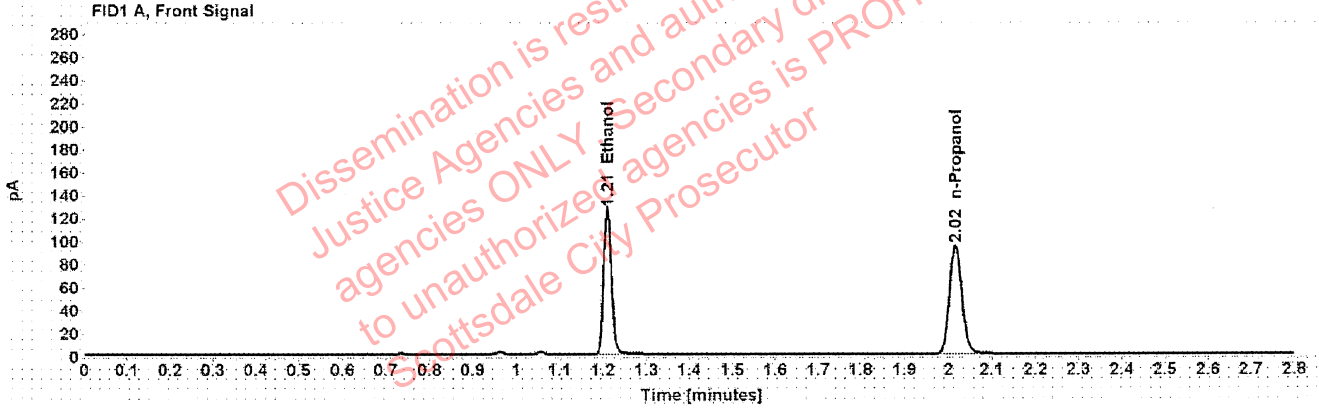


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2436	1.210	161.234
n-Propanol	-----	2.016	187.485

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

Compound	Time (min)	Peak Area
Ethanol	1.375	201.276
n-Propanol	2.468	229.538

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305132	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:42:15 PM
Data file:	C:\Chem32\1\Data\24Nov20\29.D	Analyst:	Abbott

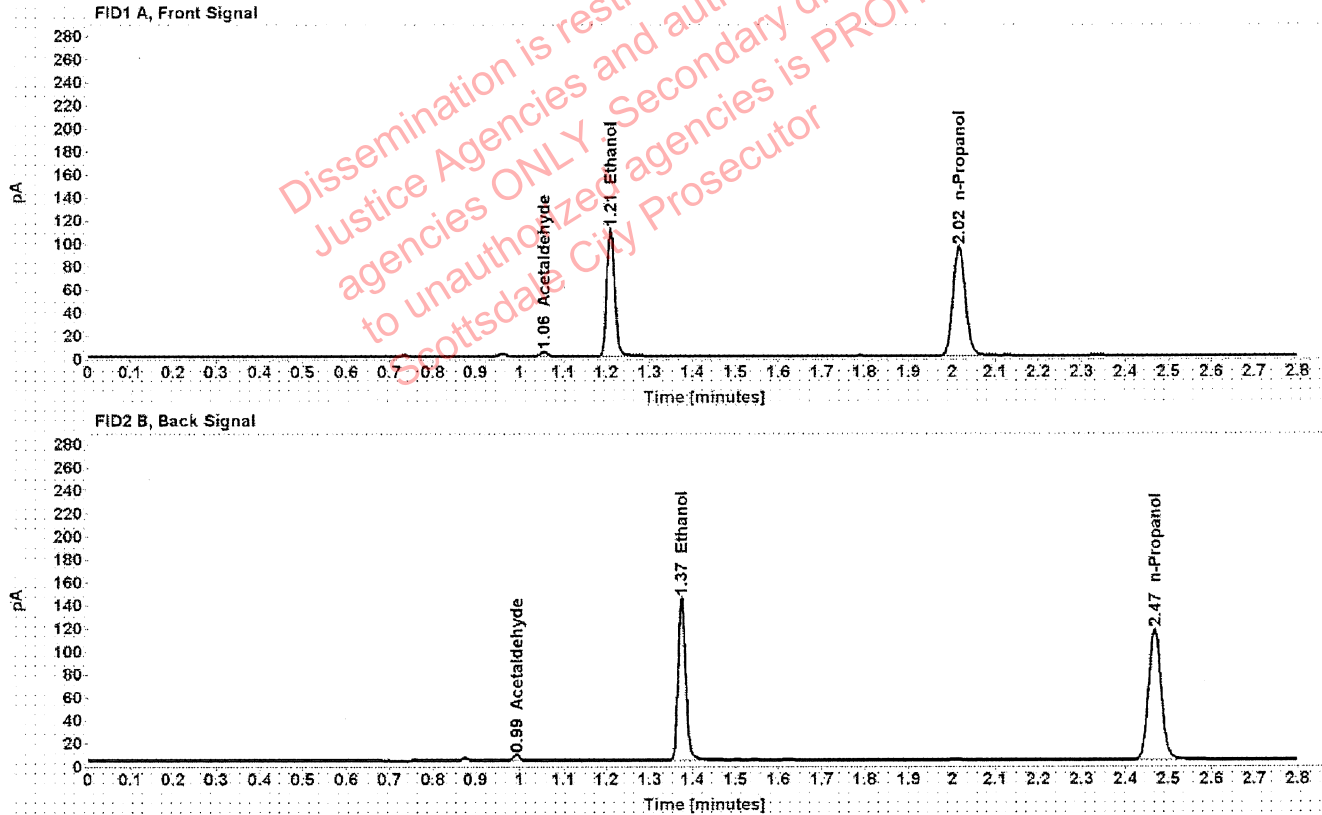


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.906
>Ethanol	0.2113	1.210	140.672
n-Propanol	-----	2.016	188.812

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.103
Ethanol	1.375	175.229
n-Propanol	2.468	232.534

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305132	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:46:15 PM
Data file:	C:\Chem32\1\Data\24Nov20\30.D	Analyst:	Abbott

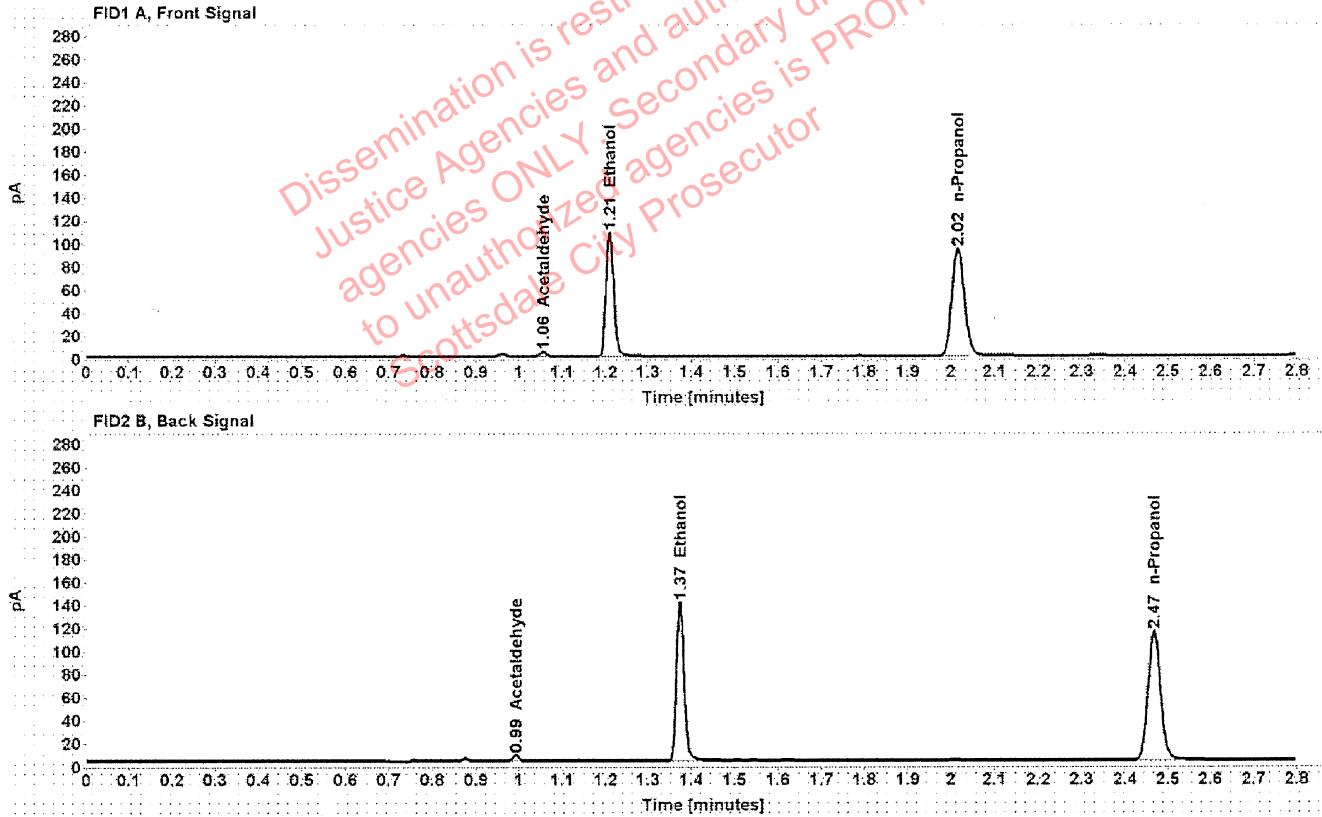


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.860
>Ethanol	0.2097	1.210	137.035
n-Propanol	-----	2.016	185.286

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.120
Ethanol	1.374	170.584
n-Propanol	2.467	227.924



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345721	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:54:30 PM
Data file:	C:\Chem32\1\Data\24Nov20\32.D	Analyst:	Abbott

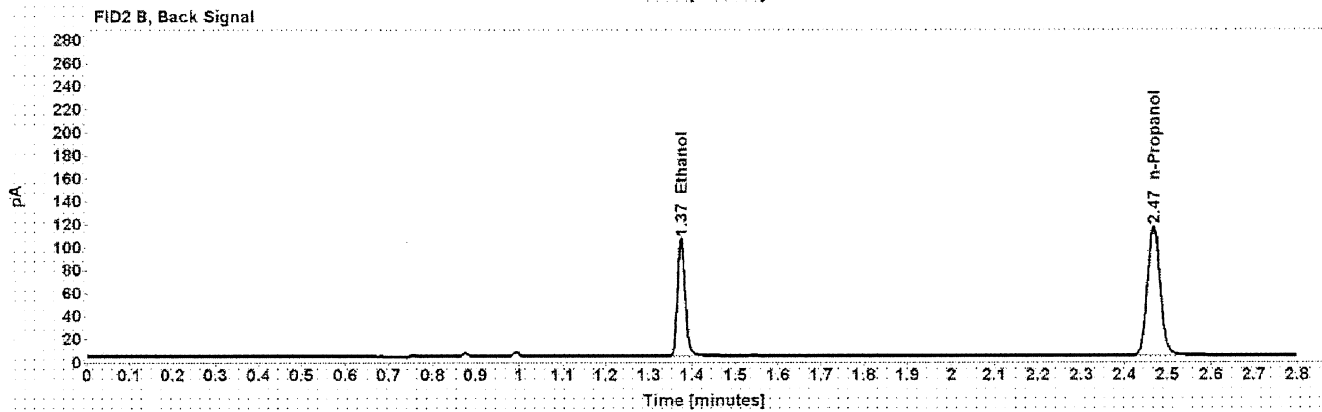
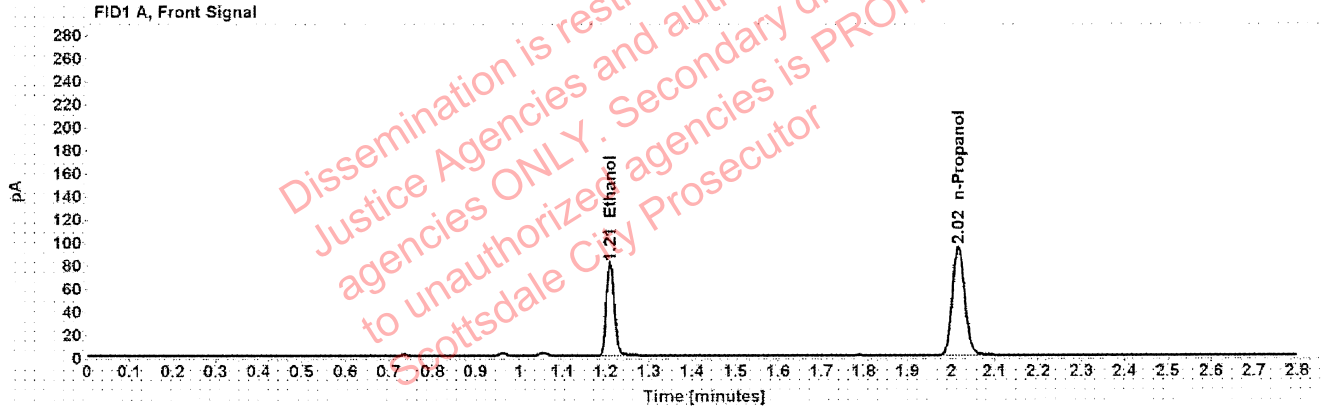


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1551	1.210	102.450
n-Propanol	-----	2.016	187.752

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

Compound	Time (min)	Peak Area
Ethanol	1.375	126.983
n-Propanol	2.468	230.145

[REDACTED] : Abbott, Lori - (24-Nov-2020)

Case: [REDACTED] User: labott 11/24/2020

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345721	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 1:58:31 PM
Data file:	C:\Chem32\1\Data\24Nov20\33.D	Analyst:	Abbott

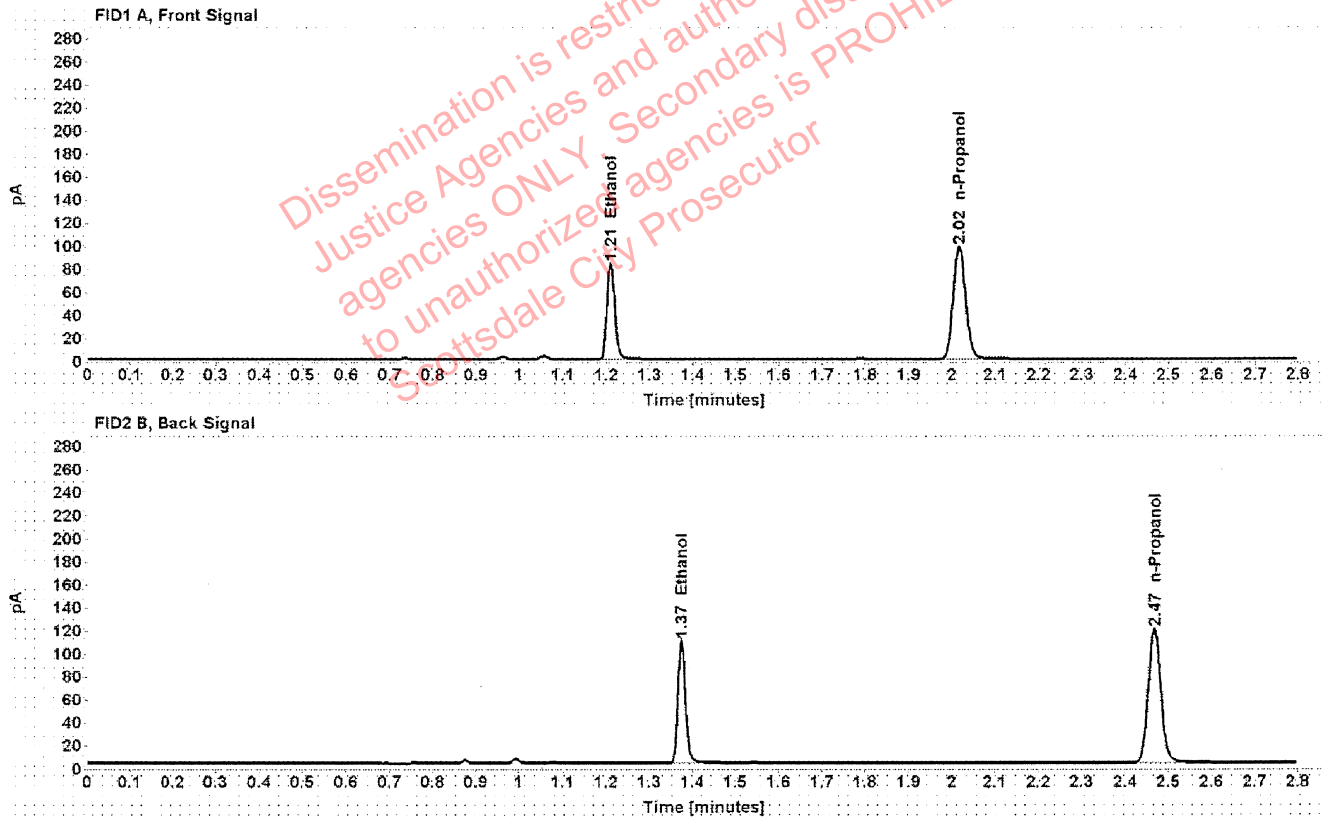


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1556	1.210	106.327
n-Propanol	-----	2.016	194.237

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

Compound	Time (min)	Peak Area
Ethanol	1.375	132.083
n-Propanol	2.468	238.015

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345701	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:02:30 PM
Data file:	C:\Chem32\1\Data\24Nov20\34.D	Analyst:	Abbott

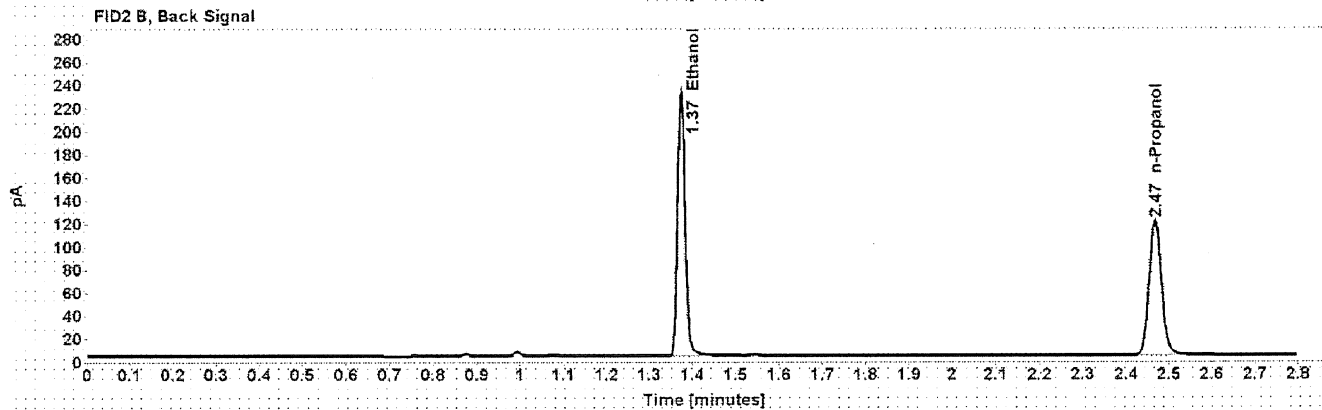
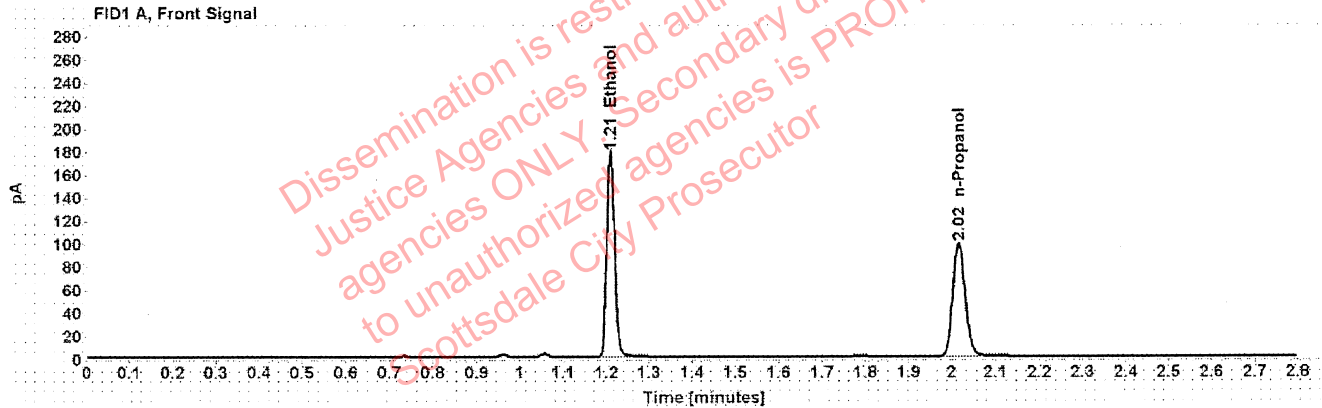


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3283	1.210	226.108
n-Propanol	-----	2.016	194.868

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

Compound	Time (min)	Peak Area
Ethanol	1.375	282.711
n-Propanol	2.468	238.639

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345701	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:06:31 PM
Data file:	C:\Chem32\1\Data\24Nov20\35.D	Analyst:	Abbott

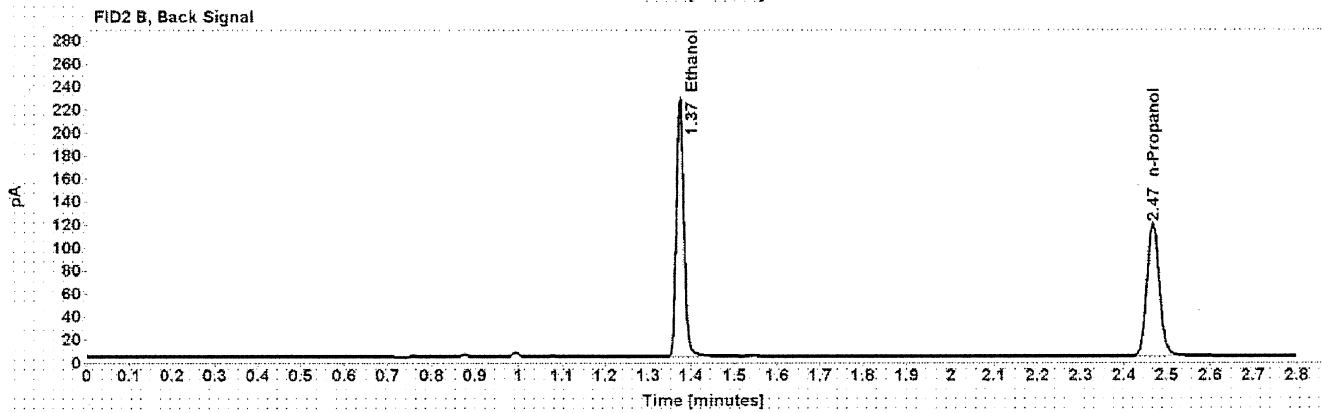
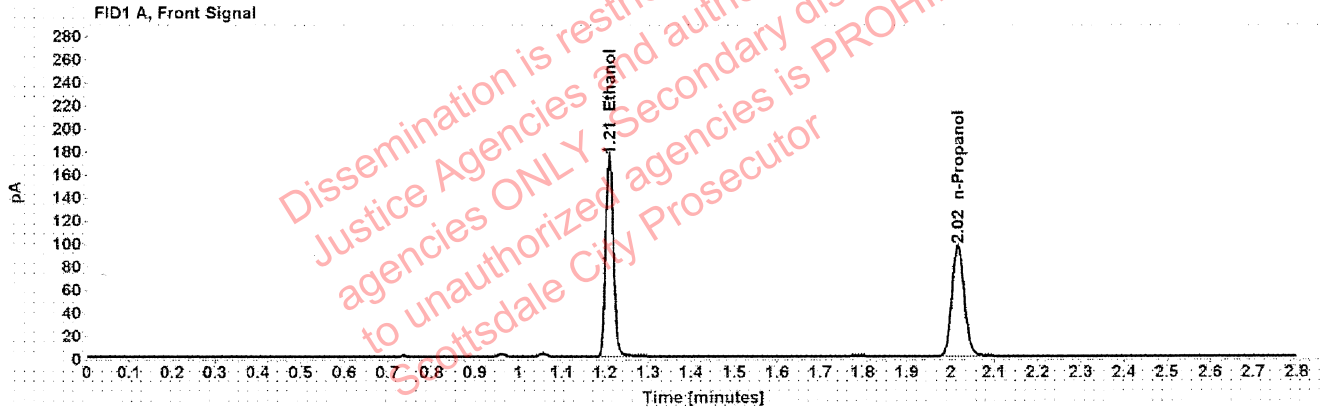


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3268	1.210	221.200
n-Propanol	-----	2.016	191.499

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

Compound	Time (min)	Peak Area
Ethanol	1.375	276.642
n-Propanol	2.468	234.562

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347916	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:10:31 PM
Data file:	C:\Chem32\1\Data\24Nov20\36.D	Analyst:	Abbott

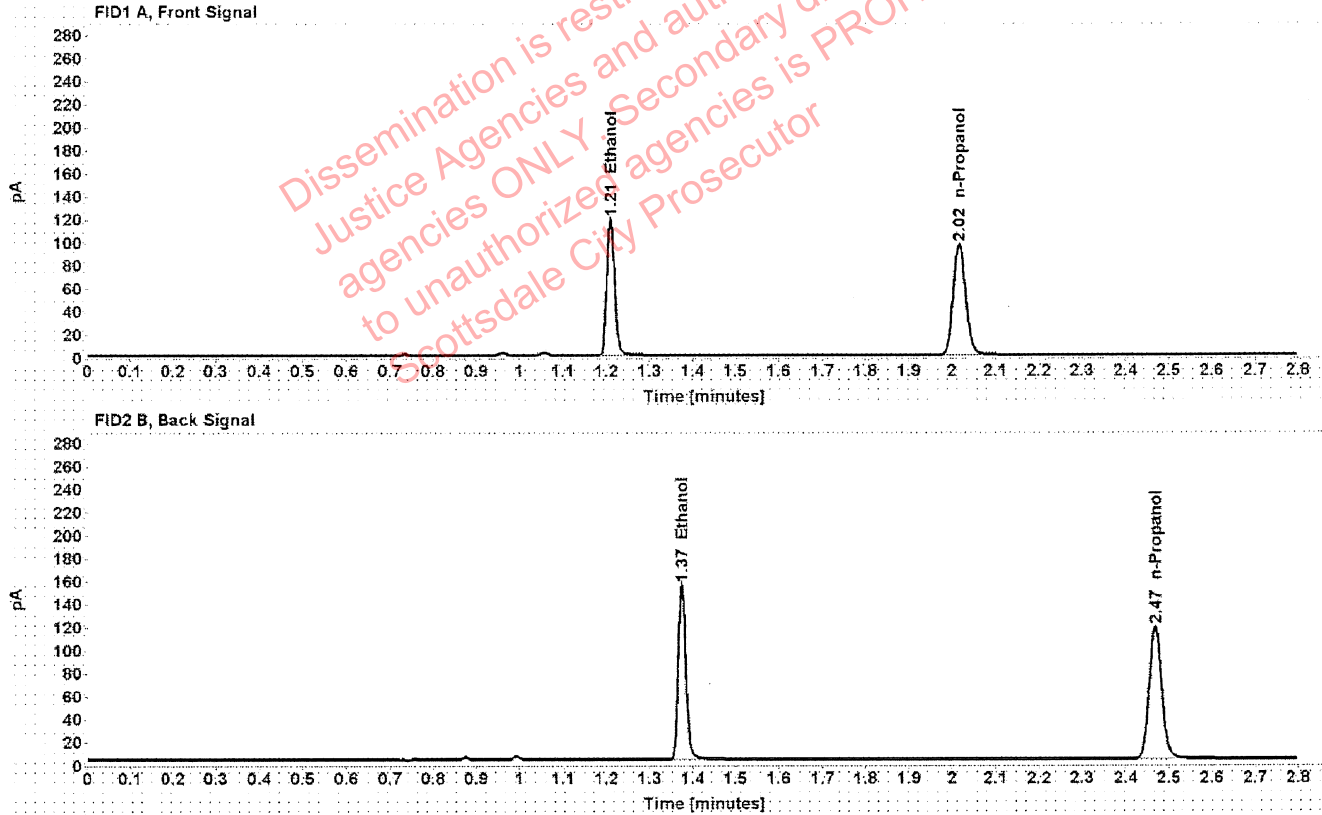


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2238	1.210	151.431
n-Propanol	-----	2.016	191.788

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

Compound	Time (min)	Peak Area
Ethanol	1.375	188.994
n-Propanol	2.468	234.776

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347916	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:14:45 PM
Data file:	C:\Chem32\1\Data\24Nov20\37.D	Analyst:	Abbott

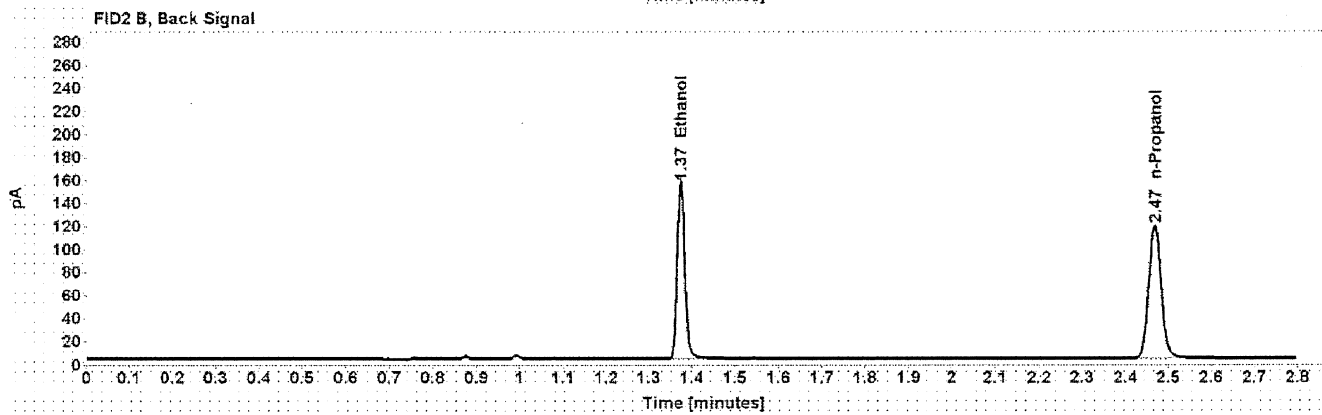
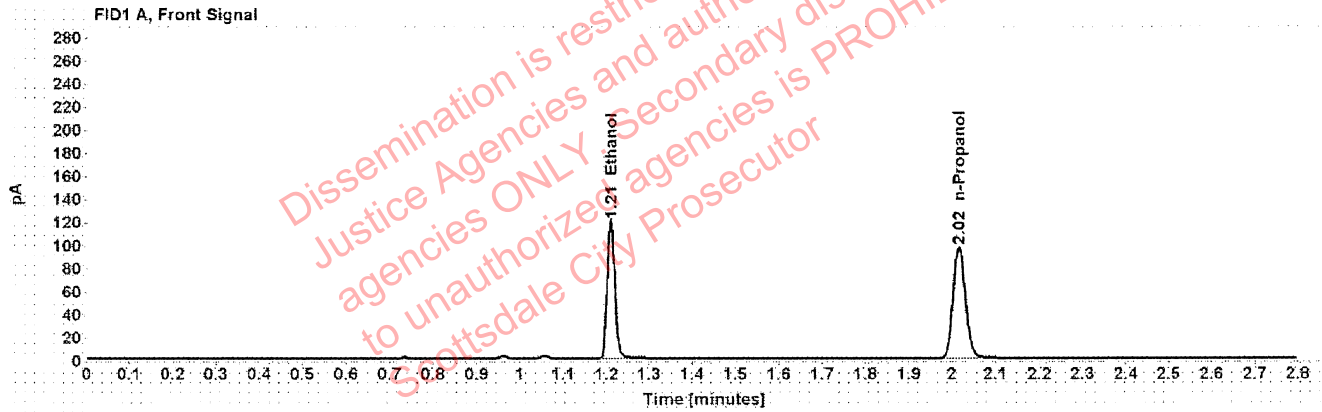


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2244	1.210	152.162
n-Propanol	-----	2.016	192.192

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

Compound	Time (min)	Peak Area
Ethanol	1.375	189.875
n-Propanol	2.468	235.136

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346649	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:18:45 PM
Data file:	C:\Chem32\1\Data\24Nov20\38.D	Analyst:	Abbott

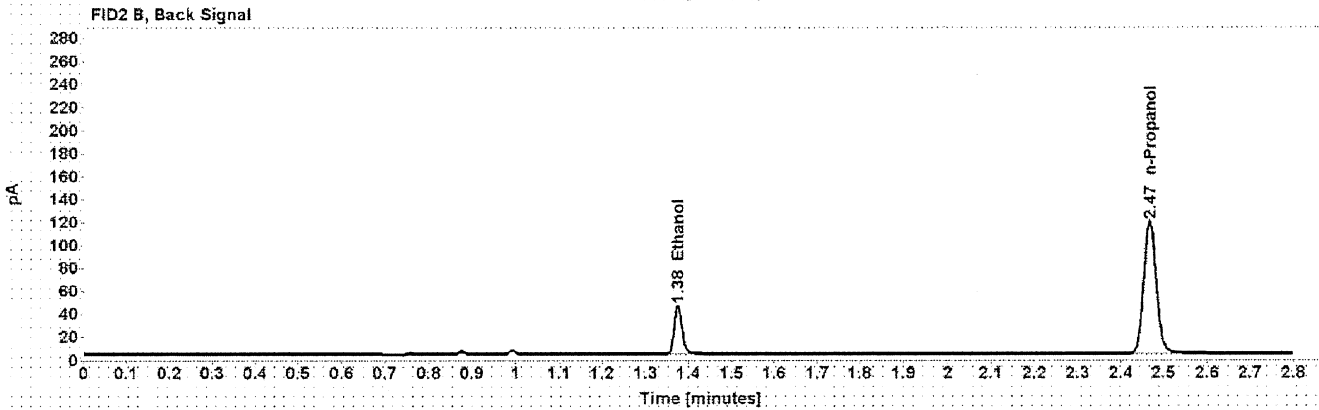
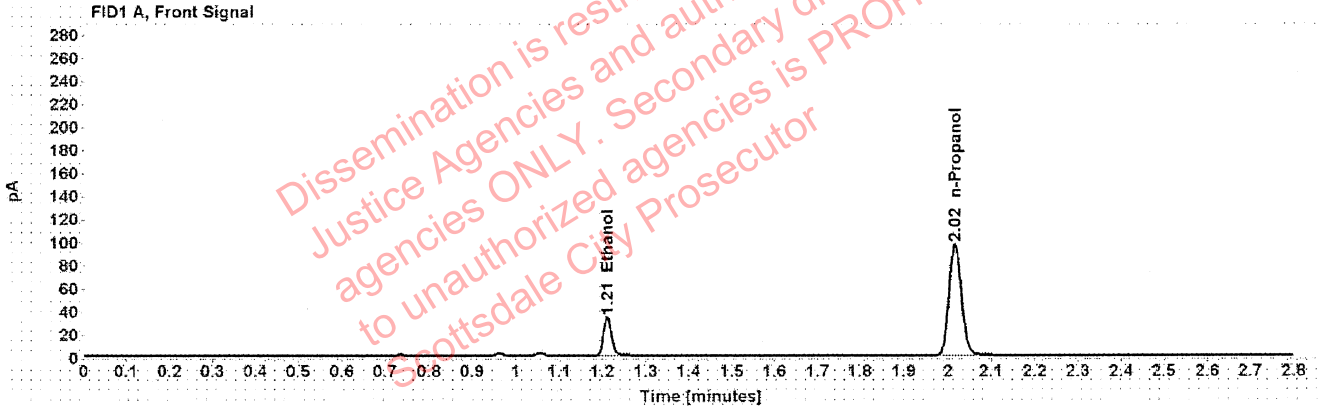


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0637	1.211	42.540
n-Propanol	-----	2.016	192.172

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

Compound	Time (min)	Peak Area
Ethanol	1.376	53.178
n-Propanol	2.468	235.393



: Abbott, Lori - (24-Nov-2020)

Case: [REDACTED] User: labott 11/24/2020

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346649	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:22:45 PM
Data file:	C:\Chem32\1\Data\24Nov20\39.D	Analyst:	Abbott

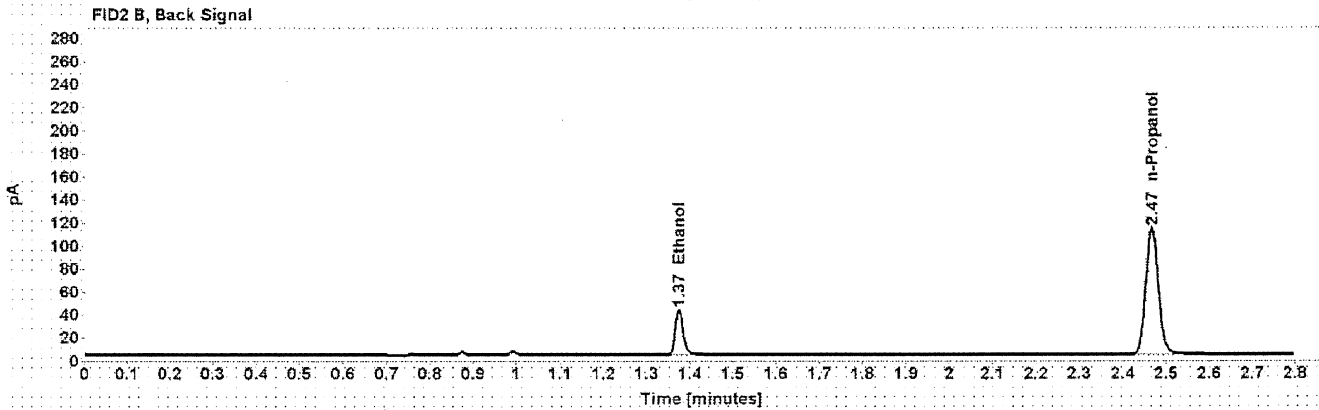
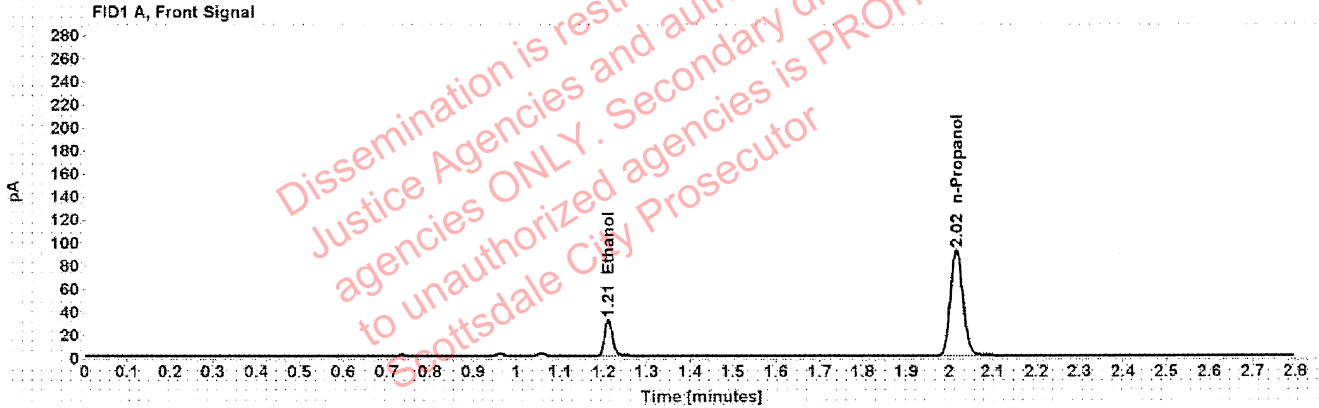


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0630	1.211	40.160
n-Propanol	-----	2.016	183.505

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

Compound	Time (min)	Peak Area
Ethanol	1.375	50.114
n-Propanol	2.467	224.319

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347358	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:26:45 PM
Data file:	C:\Chem32\1\Data\24Nov20\40.D	Analyst:	Abbott

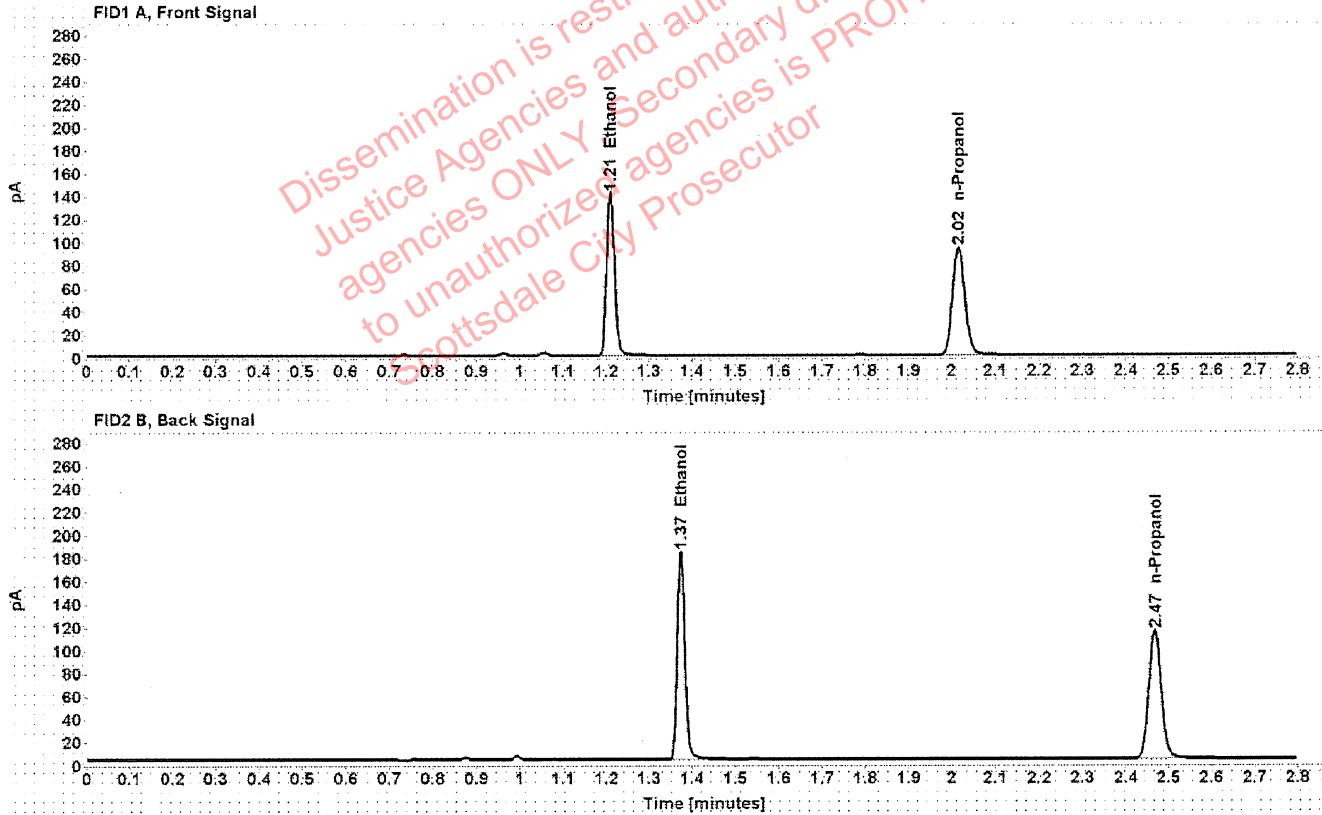


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2737	1.210	179.592
n-Propanol	-----	2.016	185.817

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

Compound	Time (min)	Peak Area
Ethanol	1.374	223.923
n-Propanol	2.468	227.133

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347358	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:30:44 PM
Data file:	C:\Chem32\11\Data\24Nov20\41.D	Analyst:	Abbott

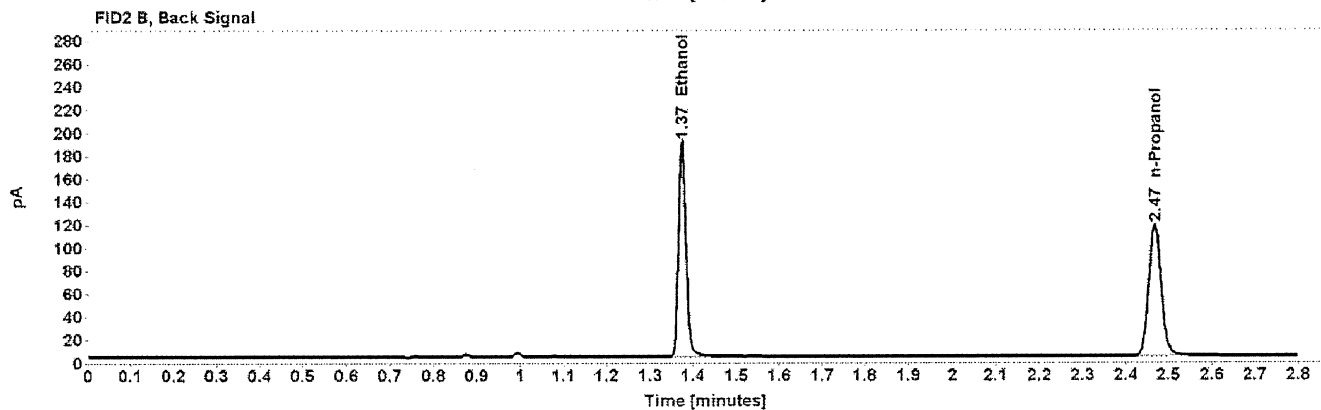
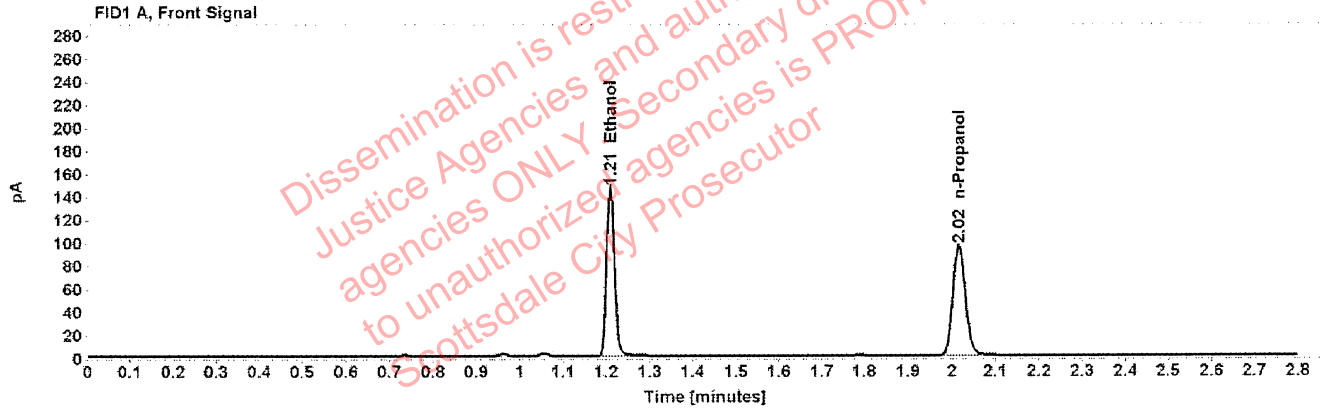


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2766	1.210	185.844
n-Propanol	-----	2.016	190.260

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

Compound	Time (min)	Peak Area
Ethanol	1.375	232.057
n-Propanol	2.468	232.848

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345734	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:39:00 PM
Data file:	C:\Chem32\1\Data\24Nov20\43.D	Analyst:	Abbott

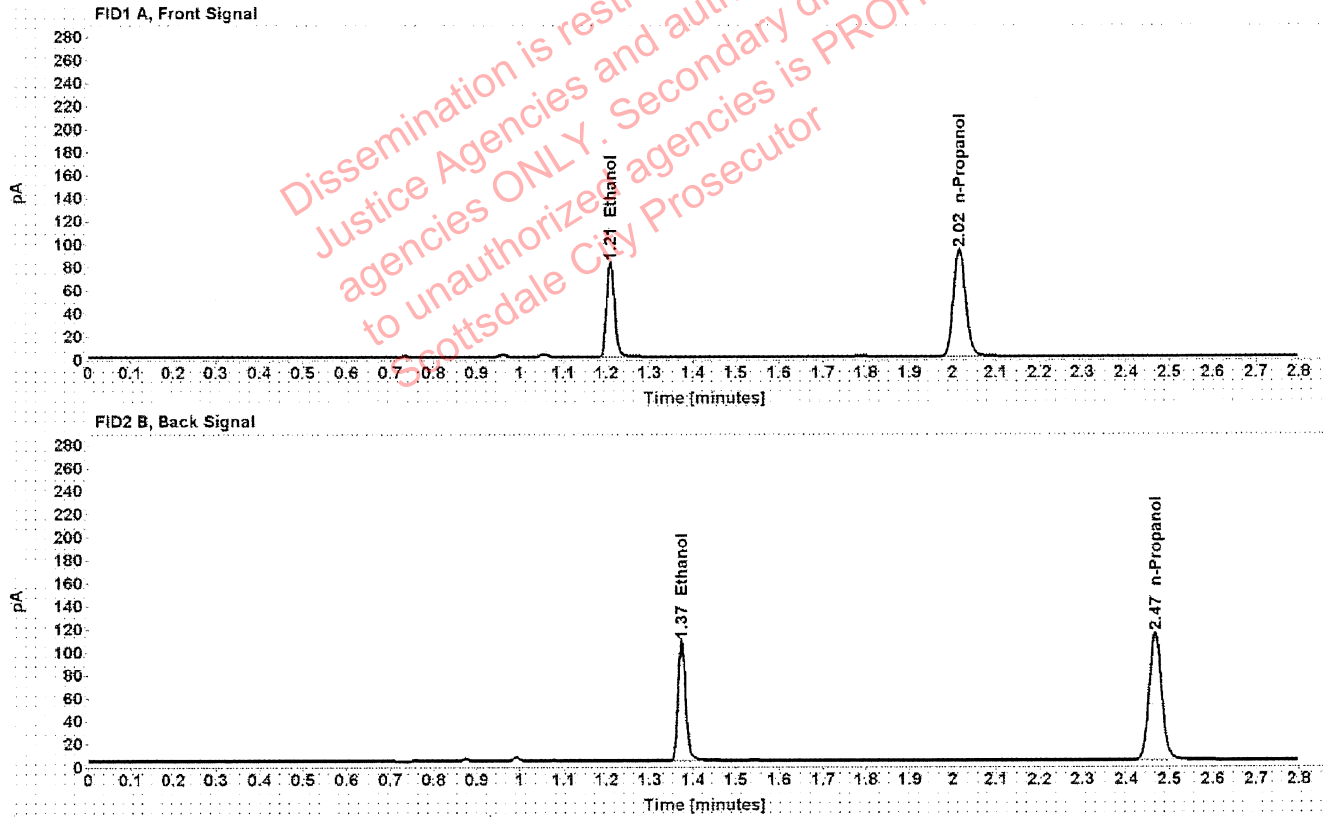


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1605	1.209	104.667
n-Propanol	-----	2.016	185.231

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

Compound	Time (min)	Peak Area
Ethanol	1.374	130.466
n-Propanol	2.467	226.476

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345734	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:43:02 PM
Data file:	C:\Chem3211\Data\24Nov20\44.D	Analyst:	Abbott

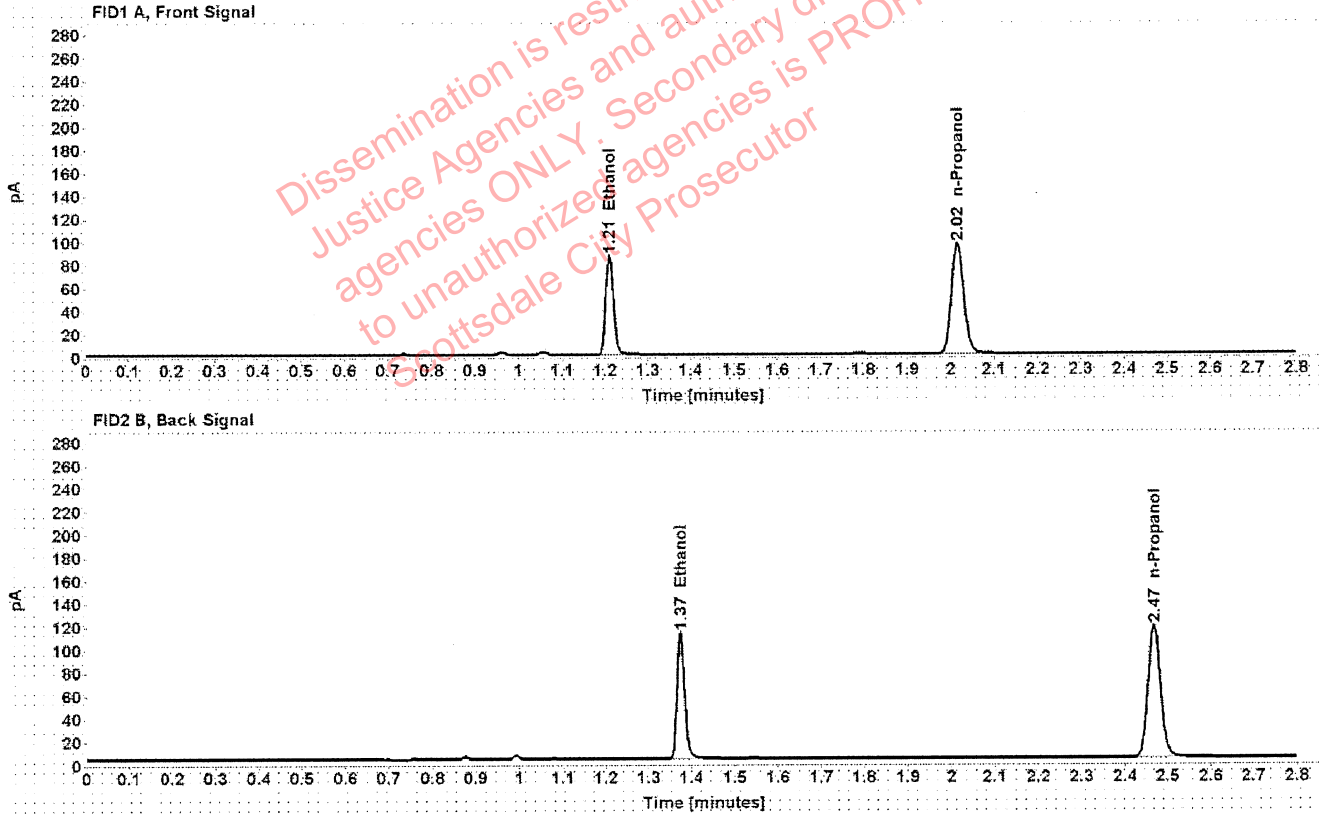


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1625	1.210	109.428
n-Propanol	-----	2.016	191.346

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

Compound	Time (min)	Peak Area
Ethanol	1.375	135.861
n-Propanol	2.468	234.227

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347445	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:47:00 PM
Data file:	C:\Chem32\11\Data\24Nov20\45.D	Analyst:	Abbott

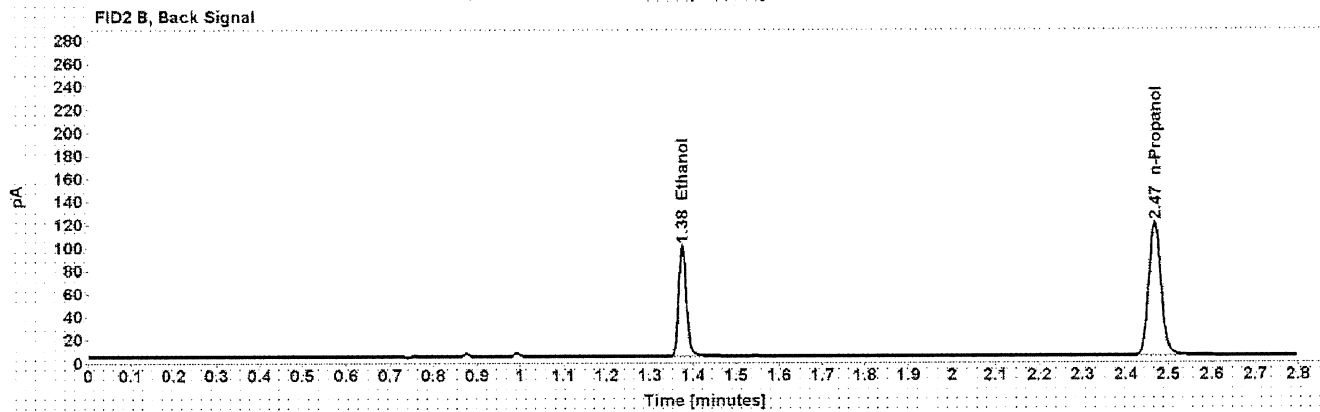
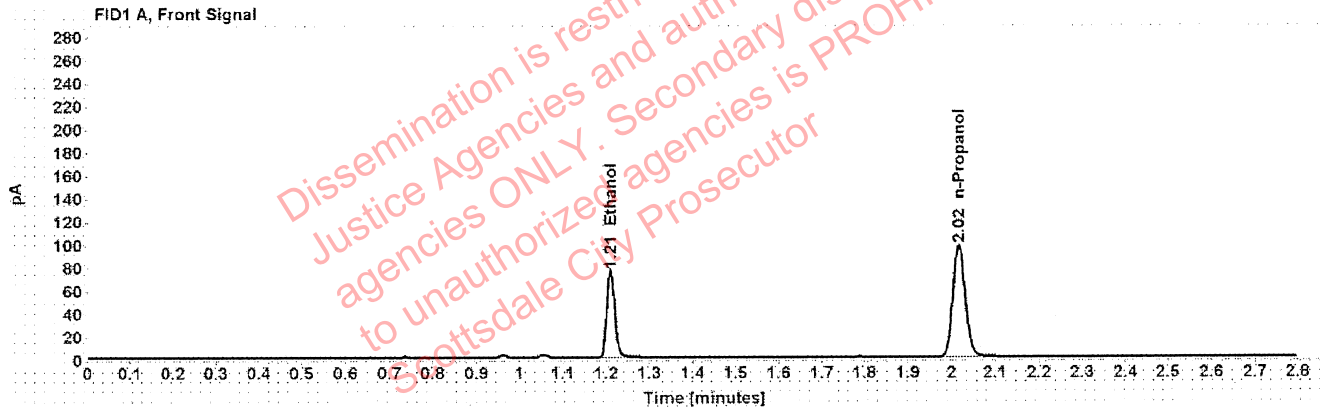


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1421	1.210	96.383
n-Propanol	-----	2.016	192.952

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

Compound	Time (min)	Peak Area
Ethanol	1.375	119.541
n-Propanol	2.468	236.408

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347445	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:51:00 PM
Data file:	C:\Chem32\1\Data\24Nov20\46.D	Analyst:	Abbott

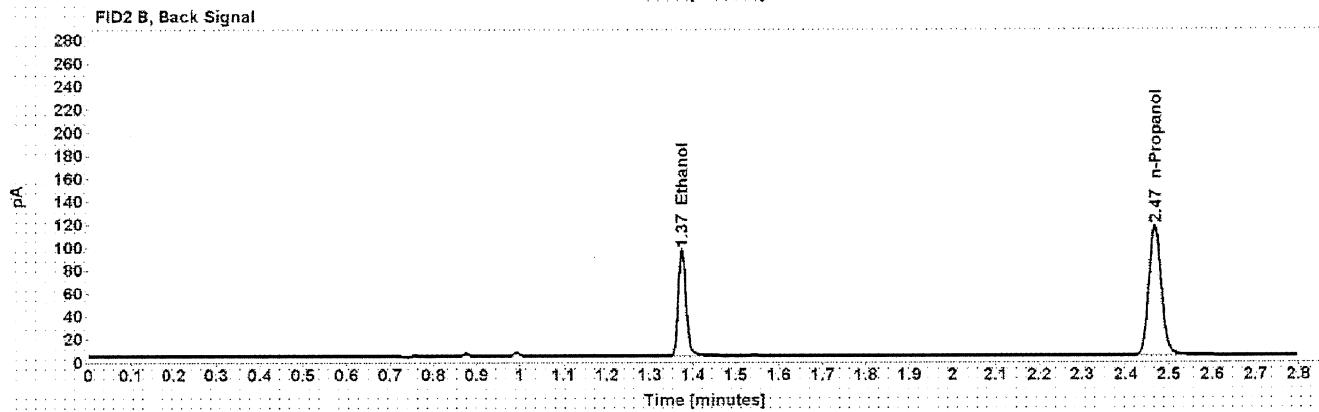
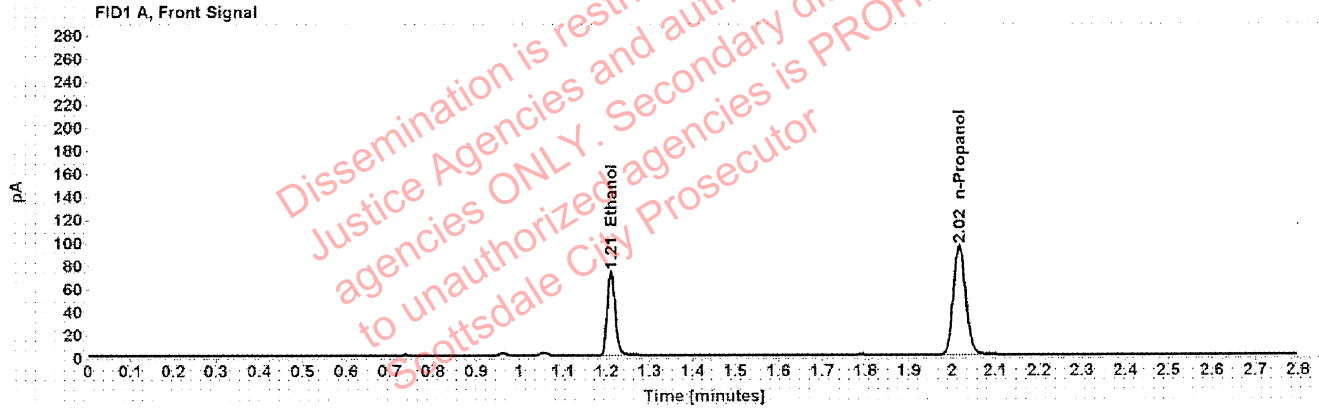


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1402	1.210	92.997
n-Propanol	-----	2.016	188.655

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

Compound	Time (min)	Peak Area
Ethanol	1.375	115.333
n-Propanol	2.468	231.006



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347435	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 2:55:00 PM
Data file:	C:\Chem32\1\Data\24Nov20\47.D	Analyst:	Abbott

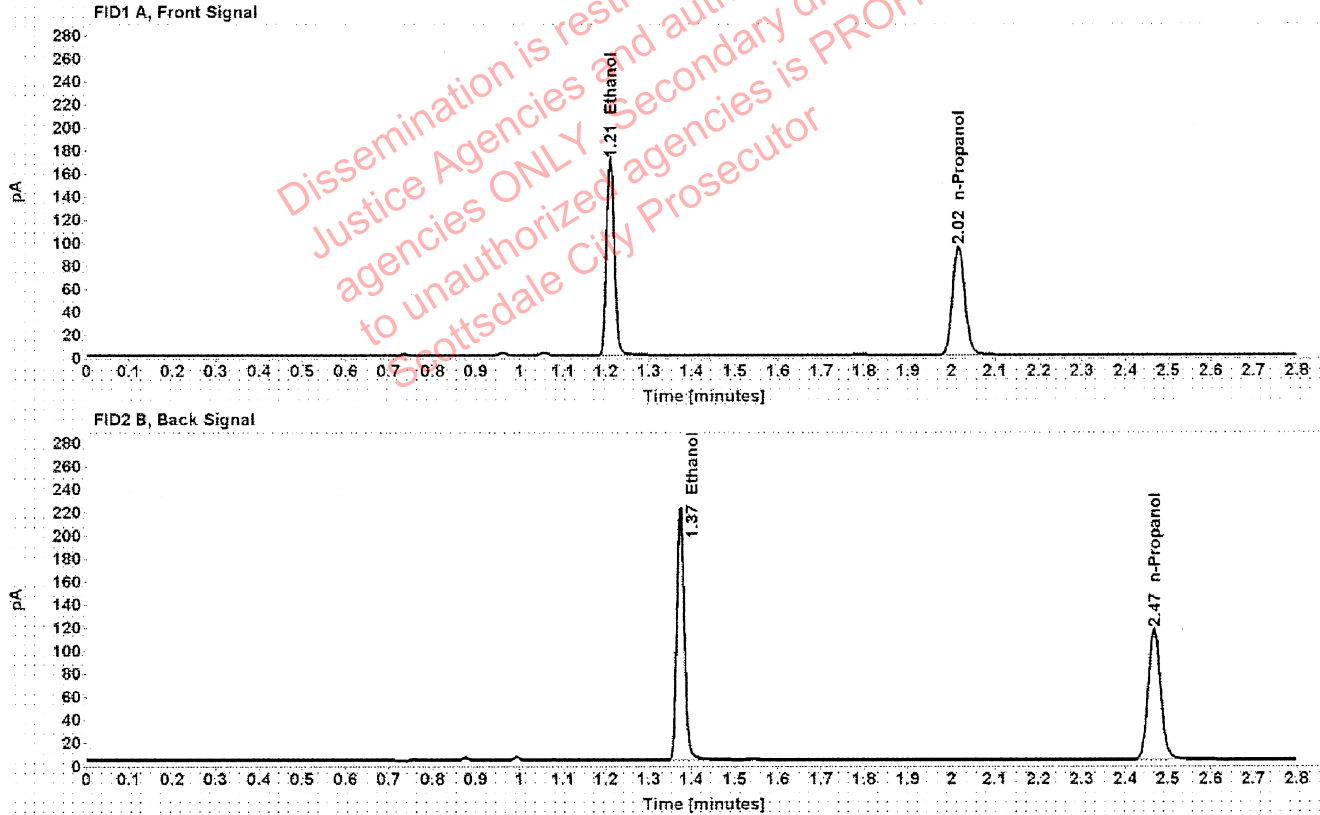


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3262	1.210	216.747
n-Propanol	-----	2.016	188.021

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

Compound	Time (min)	Peak Area
Ethanol	1.374	270.697
n-Propanol	2.468	229.981

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1347435	Vial: 48
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 24Nov20
Instrument: US14173023 CN14160045	Injection date: 11/24/2020 2:59:00 PM
Data file: C:\Chem32\1\Data\24Nov20\48.D	Analyst: Abbott

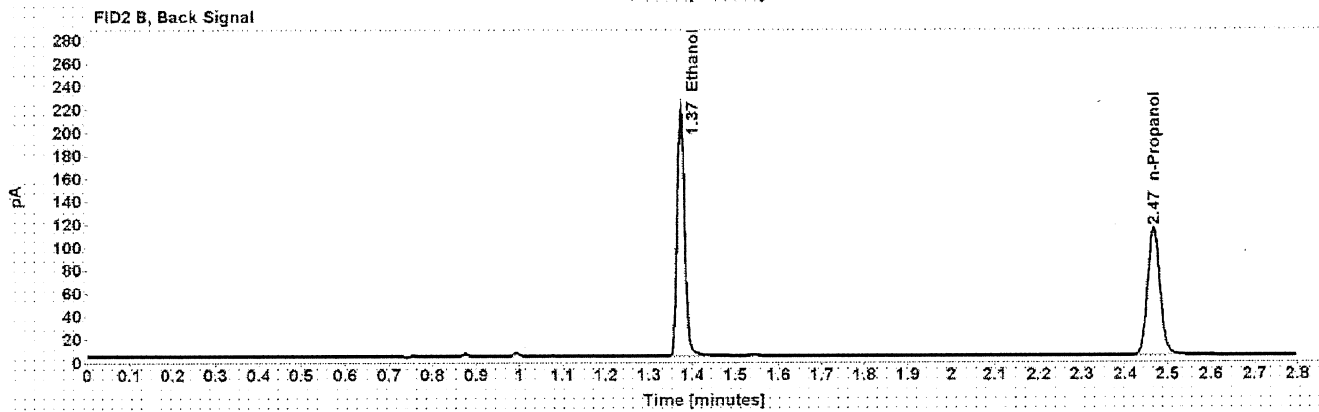
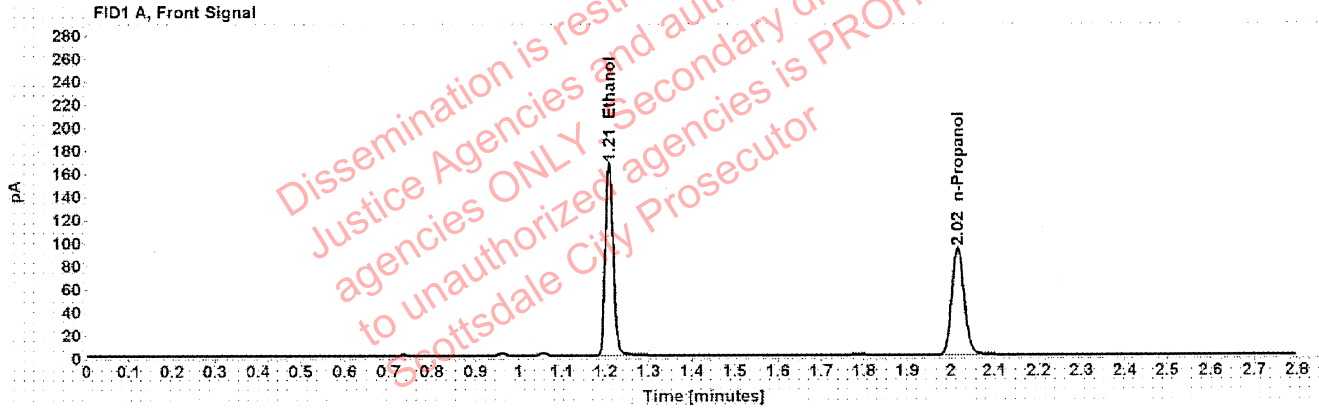


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3248	1.209	212.322
n-Propanol	-----	2.016	184.973

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

Compound	Time (min)	Peak Area
Ethanol	1.373	265.188
n-Propanol	2.467	226.290

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344515	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 3:03:14 PM
Data file:	C:\Chem32\1\Data\24Nov20\49.D	Analyst:	Abbott

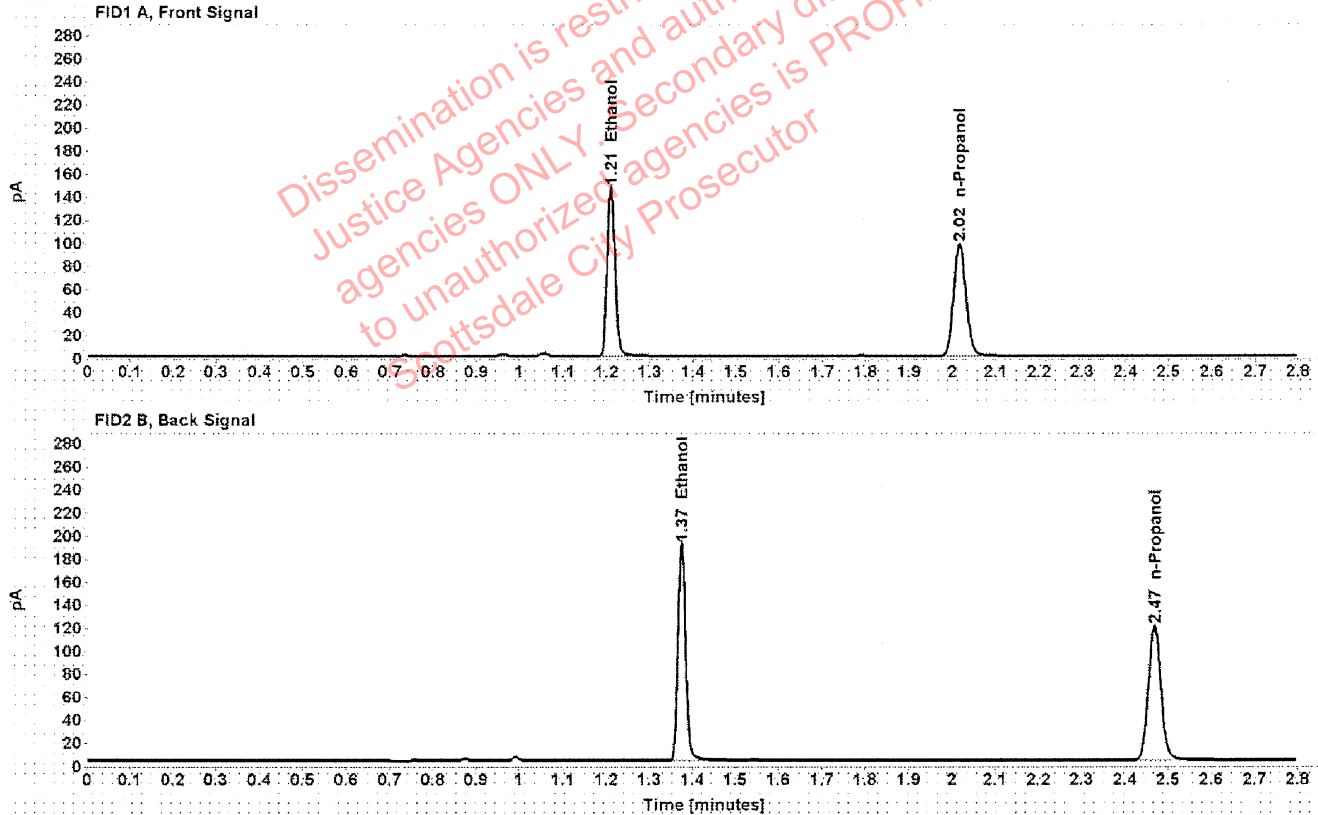


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2729	1.210	187.125
n-Propanol	-----	2.016	194.137

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

Compound	Time (min)	Peak Area
Ethanol	1.375	233.343
n-Propanol	2.468	238.028

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344515	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 3:07:14 PM
Data file:	C:\Chem32\1\Data\24Nov20\50.D	Analyst:	Abbott

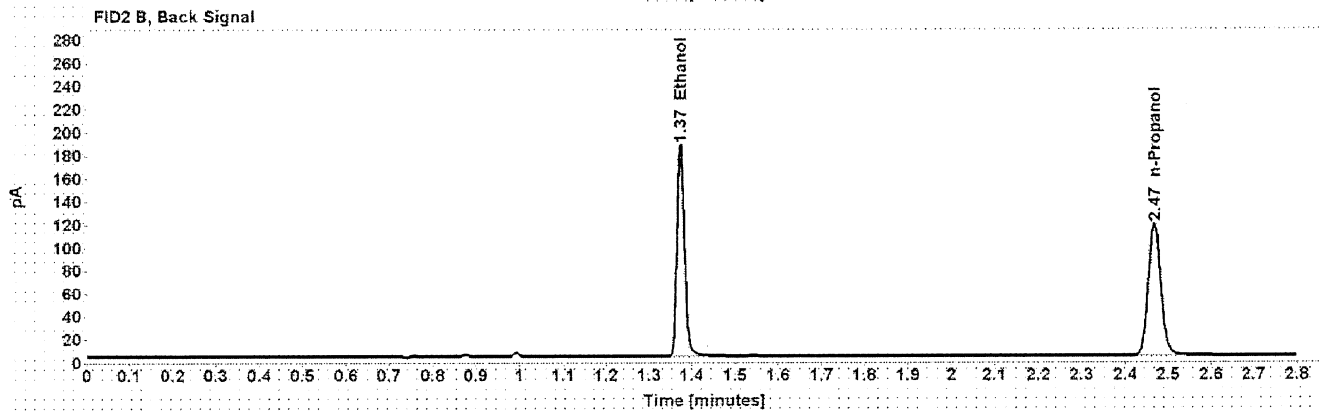
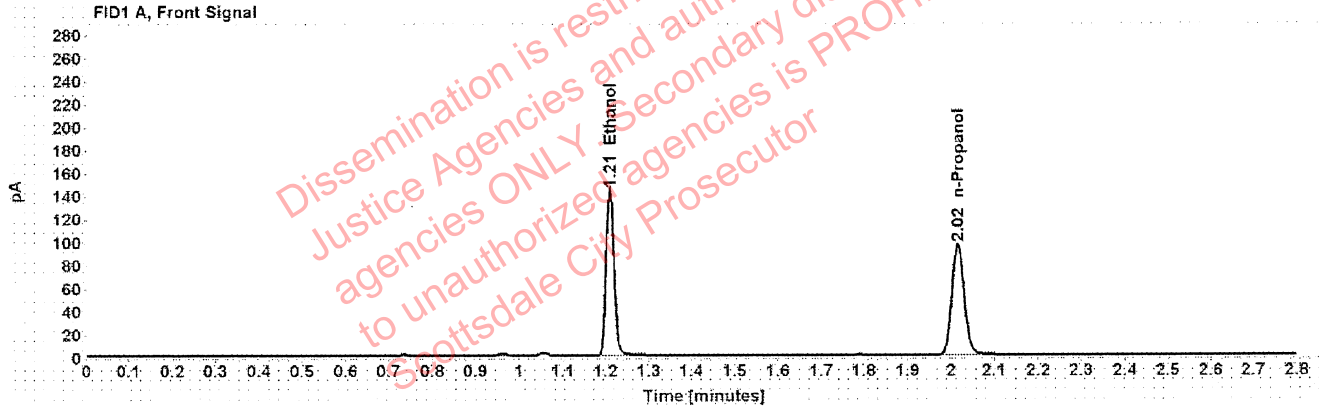


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2710	1.210	182.938
n-Propanol	-----	2.016	191.136

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

Compound	Time (min)	Peak Area
Ethanol	1.374	228.445
n-Propanol	2.468	234.403

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347201	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 3:11:15 PM
Data file:	C:\Chem32\1\Data\24Nov20\51.D	Analyst:	Abbott

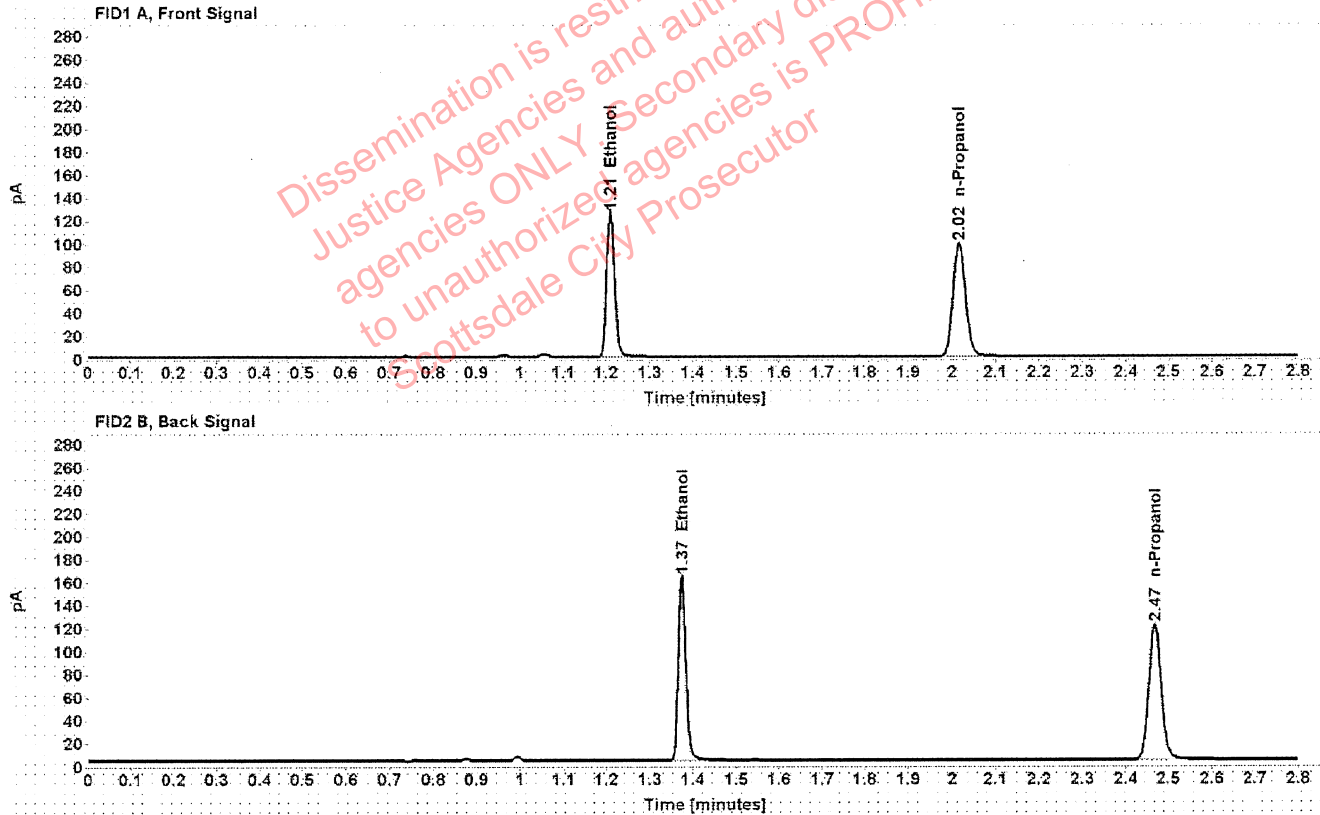


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2312	1.210	160.037
n-Propanol	-----	2.017	196.171

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

Compound	Time (min)	Peak Area
Ethanol	1.375	199.548
n-Propanol	2.468	240.427

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347201	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	24Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/24/2020 3:15:15 PM
Data file:	C:\Chem32\1\Data\24Nov20\52.D	Analyst:	Abbott

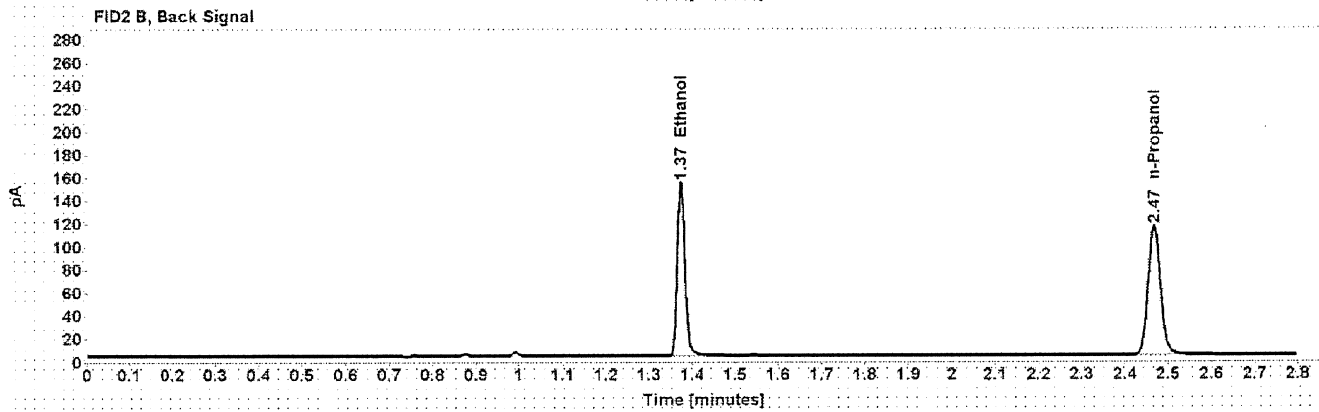
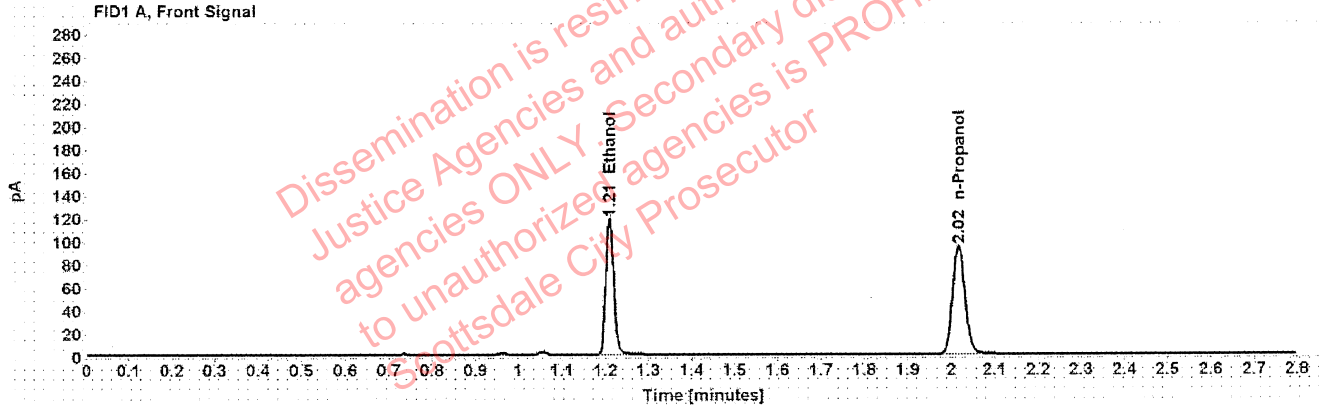


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2282	1.210	150.526
n-Propanol	-----	2.016	186.942

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

Compound	Time (min)	Peak Area
Ethanol	1.374	187.783
n-Propanol	2.467	228.933