

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/20/2021 SEQUENCE NAME 20Jul21

**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 0.99995  
 Vial 3 0.20 calibrator Lot FN05101903  
 Vial 4 0.40 calibrator Lot FN10051906

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

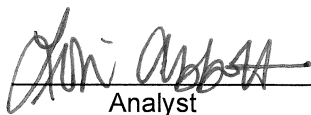
Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071521AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
42	Blood control	0.200 g/dL	0.201 g/dL	ACQ 4101018274/9
53	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.200 g/dL	0.204 g/dL	ACQ 4101018274/9
56	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid   
 Run invalid

  
 Analyst

Run valid   
 Run invalid

  
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

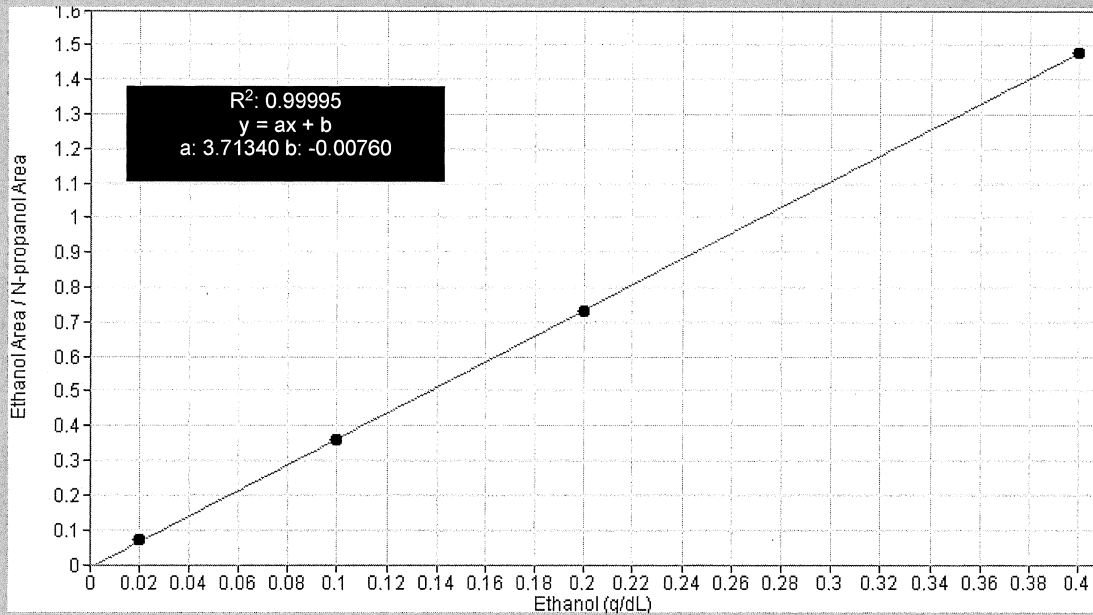
SEQUENCE NAME: 20Jul21

ANALYST: Abbott *JA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071521AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.203	0.200	1.50	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.200 4101018274/9	42	0.201	0.200	0.50	0.001
0.400 11092018-A	53	0.399	0.400	0.25	-0.001
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.200 4101018274/9	55	0.204	0.200	2.00	0.004
blank 111020VVB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.673	164.503	0.071
0.100	59.294	163.913	0.362
0.200	118.020	161.684	0.730
0.400	243.866	164.705	1.481

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	20Jul21
Method:	ethanol quant.M	Injection date:	7/20/2021 2:58:37 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott
Data file:	C:\Chem32\1\Data\20Jul21\1.D		

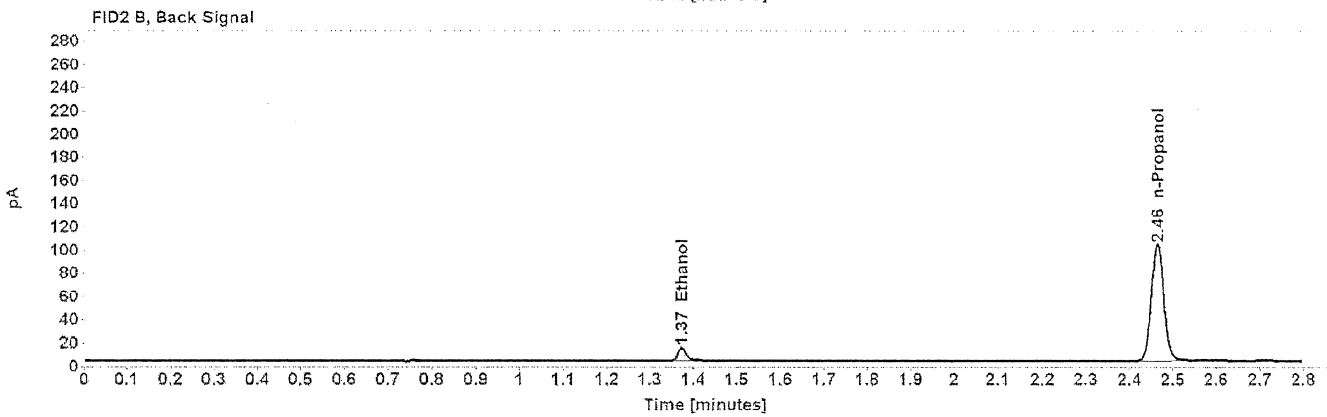


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.673
n-Propanol	2.014	164.503

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.393
n-Propanol	2.464	201.976

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	20Jul21
Method:	ethanol quant.M	Injection date:	7/20/2021 3:02:36 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott
Data file:	C:\Chem32\1\Data\20Jul21\2.D		

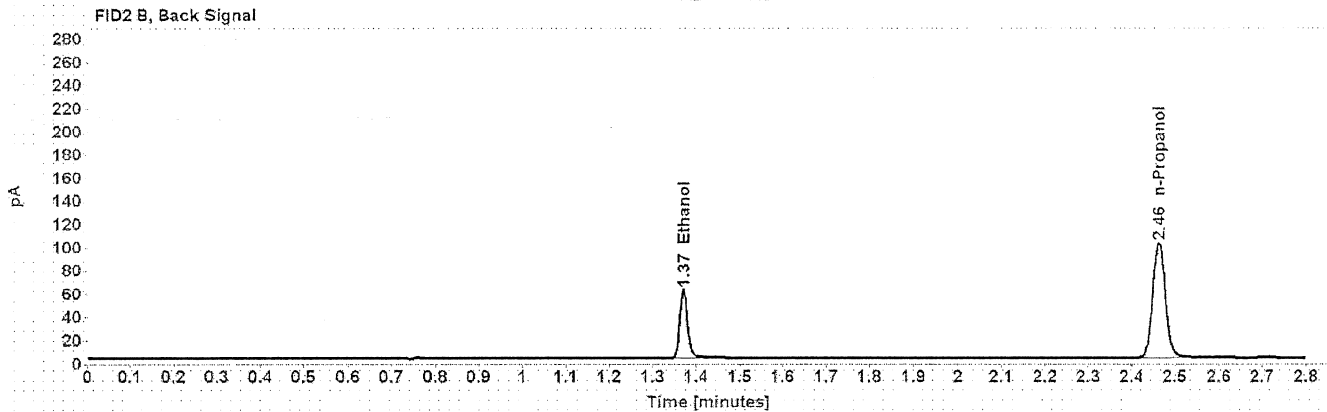
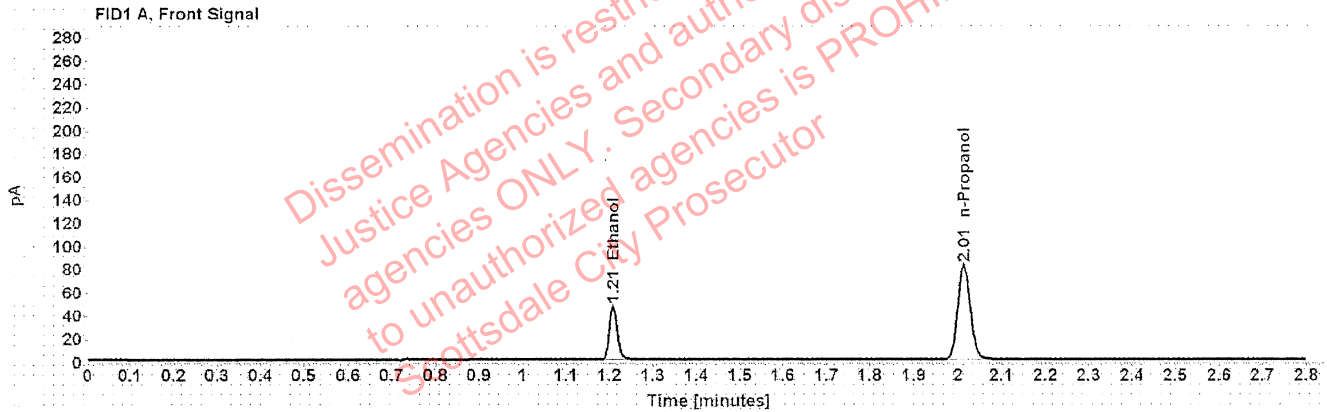


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	59.294
n-Propanol	2.013	163.913

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

Compound	Time (min)	Peak Area
Ethanol	1.371	73.557
n-Propanol	2.463	200.743

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 20Jul21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 7/20/2021 3:06:37 PM
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<b>Data file:</b> C:\Chem32\1\Data\20Jul21\3.D	

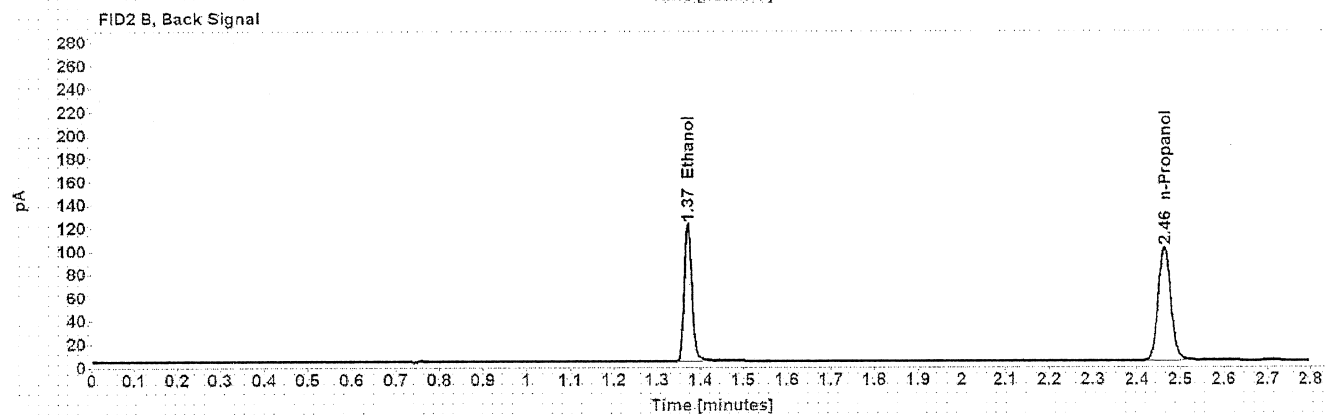
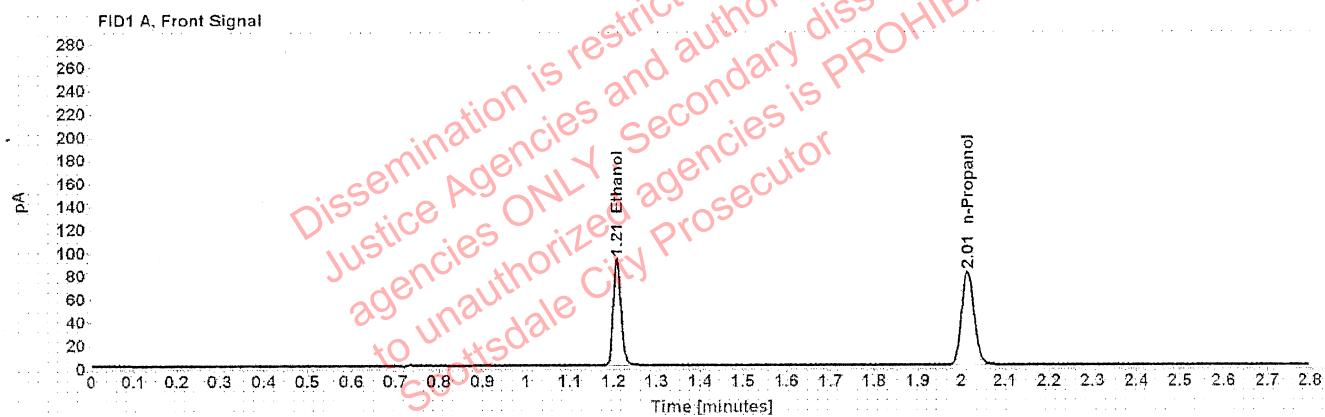


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.020
n-Propanol	2.014	161.684

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

Compound	Time (min)	Peak Area
Ethanol	1.371	146.160
n-Propanol	2.463	197.776

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 20Jul21
Method: ethanol quant.M	Injection date: 7/20/2021 3:10:37 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <span style="float: right;">JA</span>
Data file: C:\Chem32\1\Data\20Jul21\4.D	

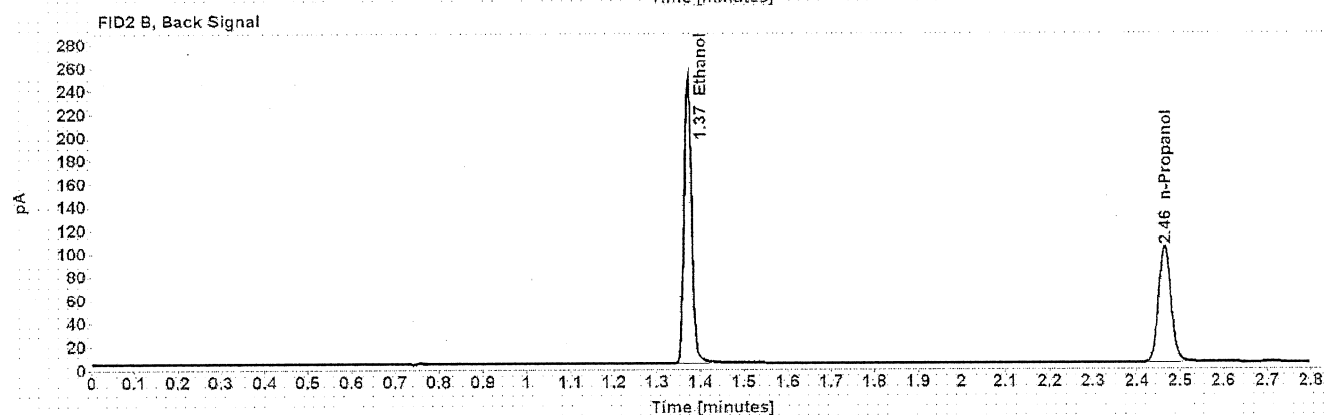
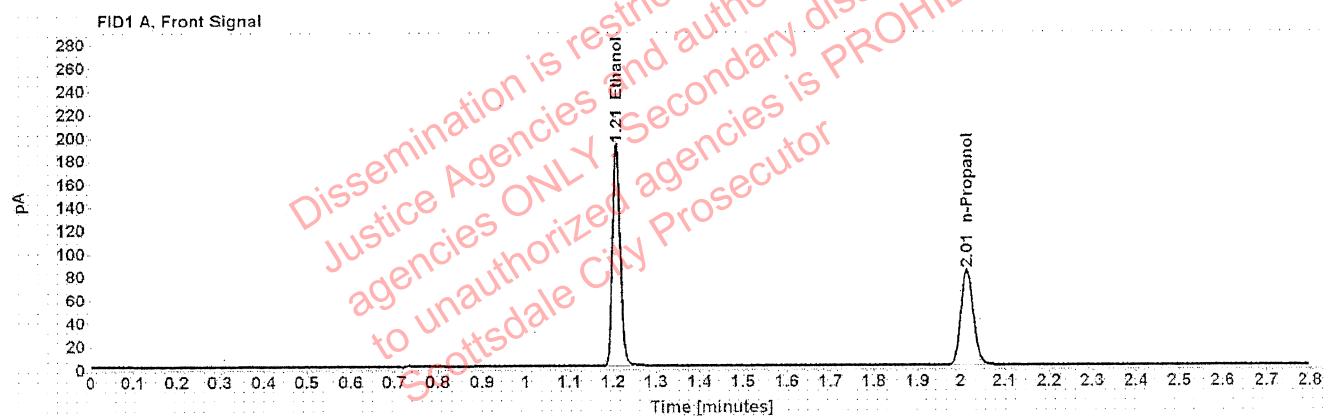


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	243.866
n-Propanol	2.014	164.705

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

Compound	Time (min)	Peak Area
Ethanol	1.371	302.904
n-Propanol	2.464	201.419

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071521AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:14:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\5.D	Analyst:	Abbott <span style="float: right;">[Signature]</span>

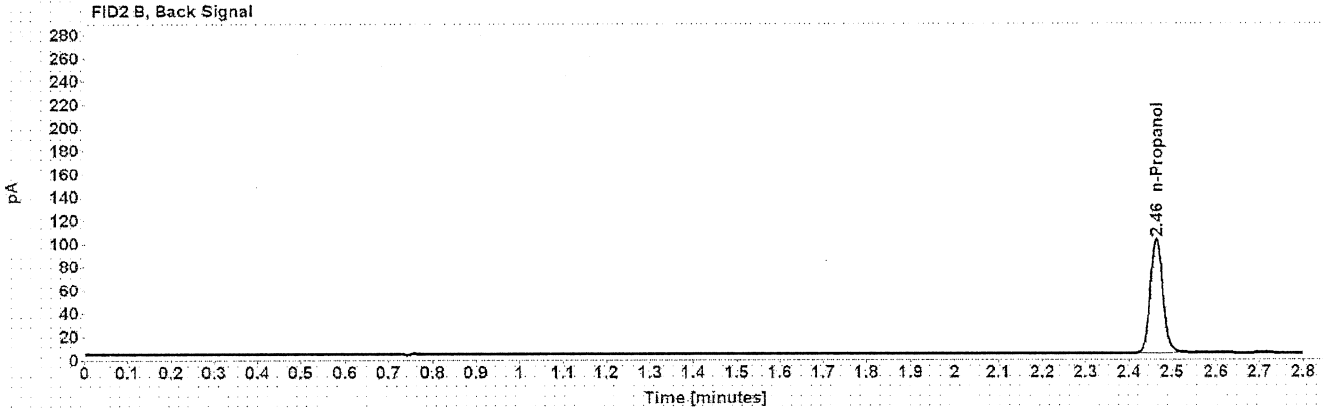
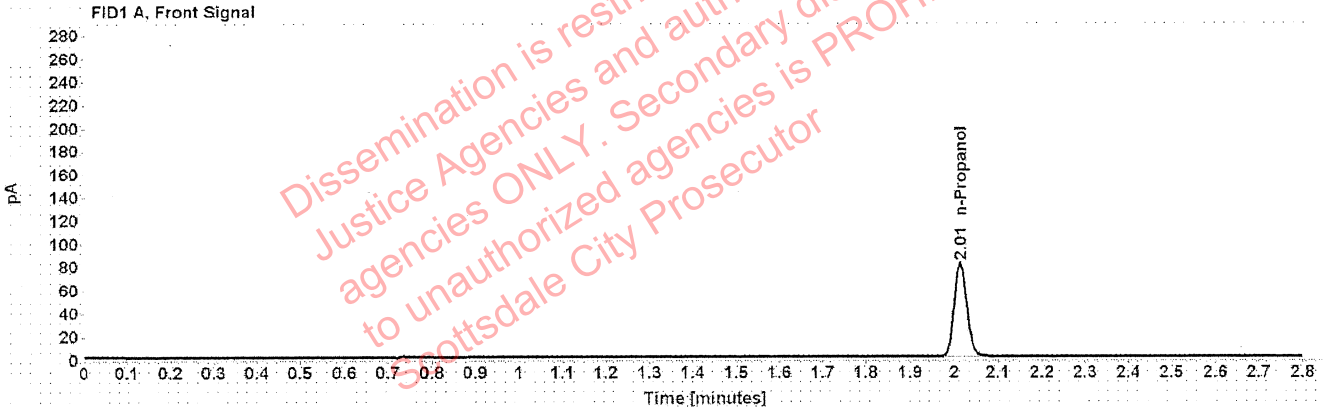


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	162.678

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

Compound	Time (min)	Peak Area
n-Propanol	2.464	198.635

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:18:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\6.D	Analyst:	Abbott

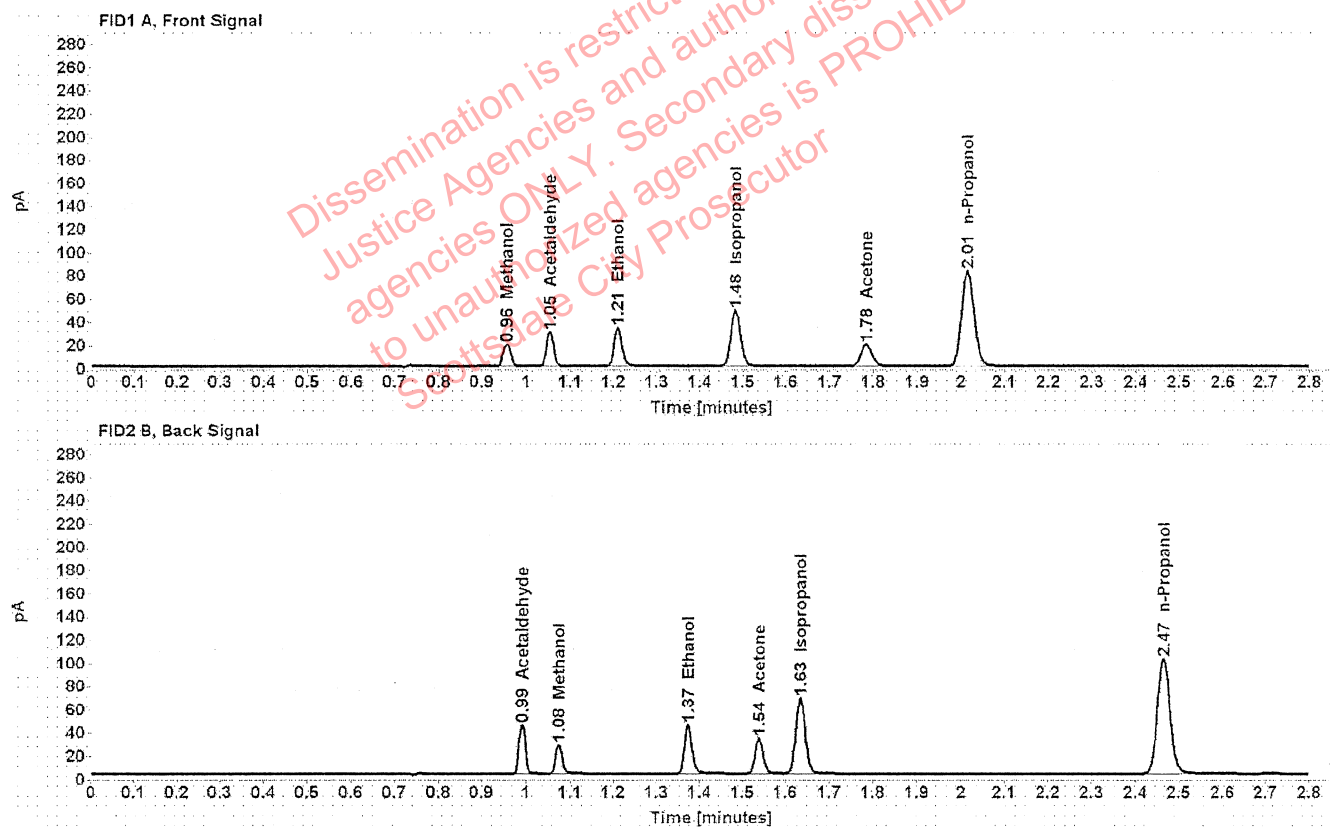


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	21.416
Acetaldehyde	-----	1.054	32.446
>Ethanol	0.0716	1.210	42.499
Isopropanol	-----	1.483	77.503
Acetone	-----	1.783	32.536
n-Propanol	-----	2.015	164.601

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	41.704
Methanol	1.075	27.304
Ethanol	1.374	52.386
Acetone	1.540	40.383
Isopropanol	1.635	98.191
n-Propanol	2.465	200.931



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 20Jul21
Instrument: US14173023 CN14160045	Injection date: 7/20/2021 3:22:53 PM
Data file: C:\Chem32\11Data\20Jul21\7.D	Analyst: Abbott <span style="float: right;">RA</span>

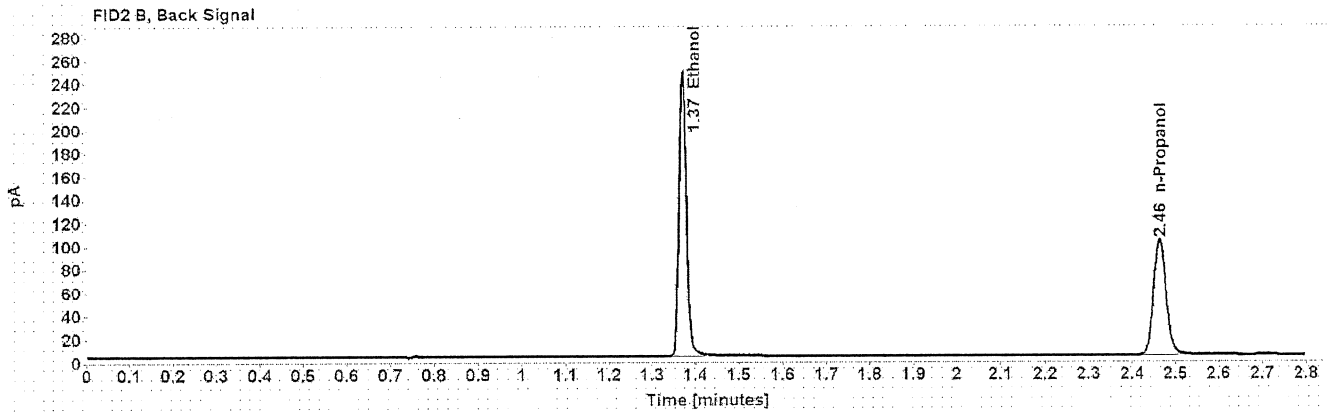
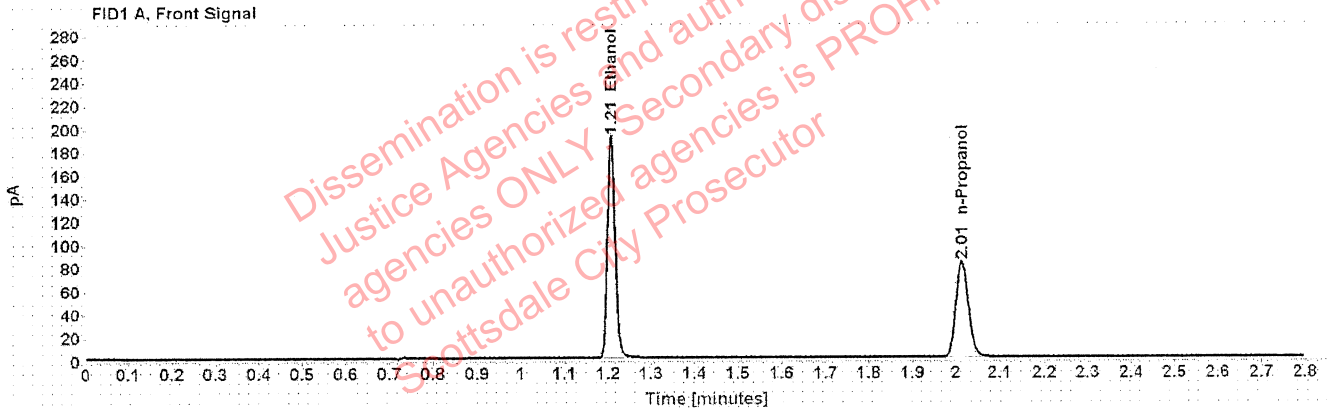


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4001	1.207	243.843
n-Propanol	-----	2.014	164.976

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

Compound	Time (min)	Peak Area
Ethanol	1.371	302.529
n-Propanol	2.464	201.522

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:26:51 PM
Data file:	C:\Chem32\1\Data\20Jul21\8.D	Analyst:	Abbott <i>JA</i>

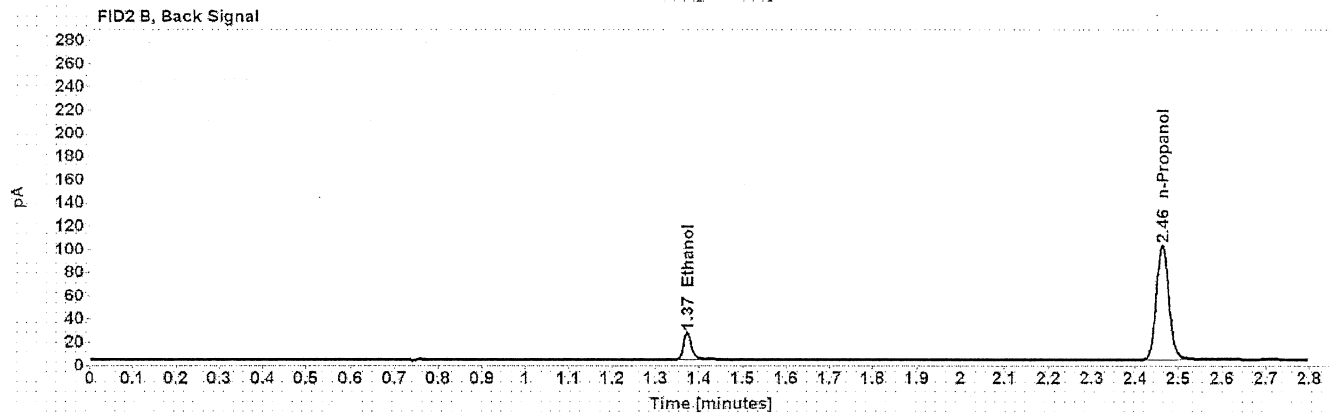


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.210	23.783
n-Propanol	-----	2.014	163.650

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

Compound	Time (min)	Peak Area
Ethanol	1.373	29.307
n-Propanol	2.464	199.650

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 20Jul21
Instrument: US14173023 CN14160045	Injection date: 7/20/2021 3:30:53 PM
Data file: C:\Chem32\1\Data\20Jul21\9.D	Analyst: Abbott <span style="float: right;">JA</span>

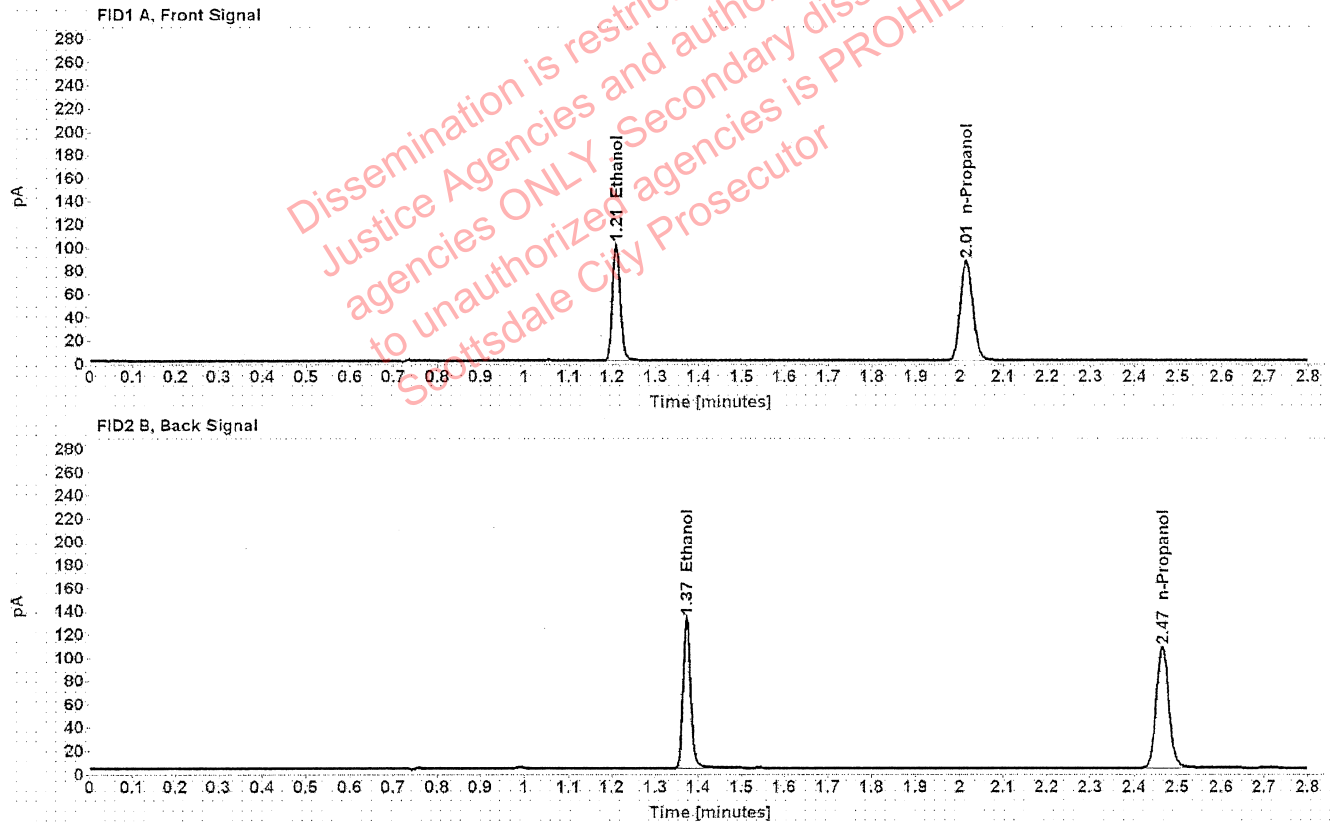


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.209	129.027
n-Propanol	-----	2.015	172.727

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

Compound	Time (min)	Peak Area
Ethanol	1.373	160.221
n-Propanol	2.465	211.482

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:15:24 PM
Data file:	C:\Chem32\1\Data\20Jul21\20.D	Analyst:	Abbott <i>ph</i>

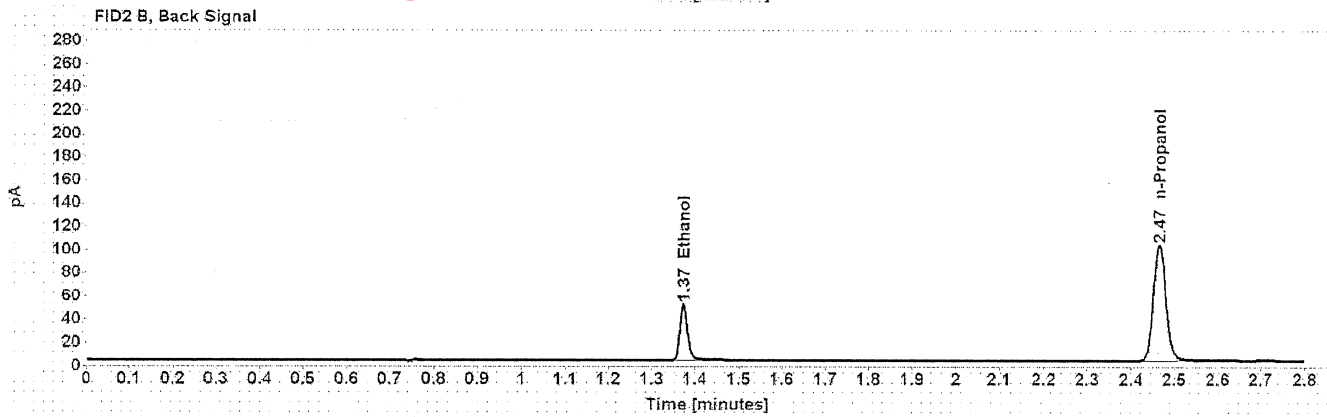
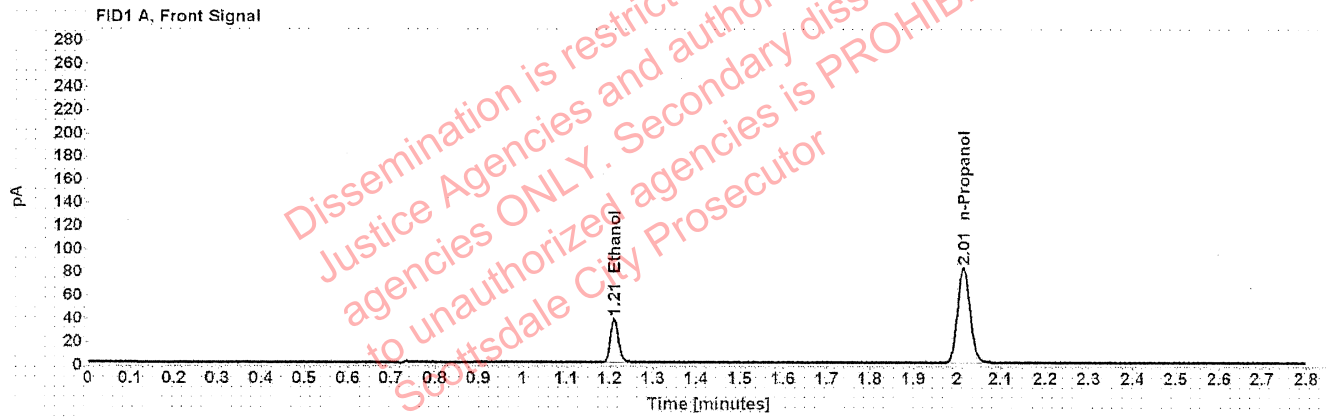


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.210	48.545
n-Propanol	-----	2.015	165.435

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.085
n-Propanol	2.465	202.654

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:59:52 PM
Data file:	C:\Chem32\1\Data\20Jul21\31.D	Analyst:	Abbott <span style="float: right;"><i>Abbott</i></span>

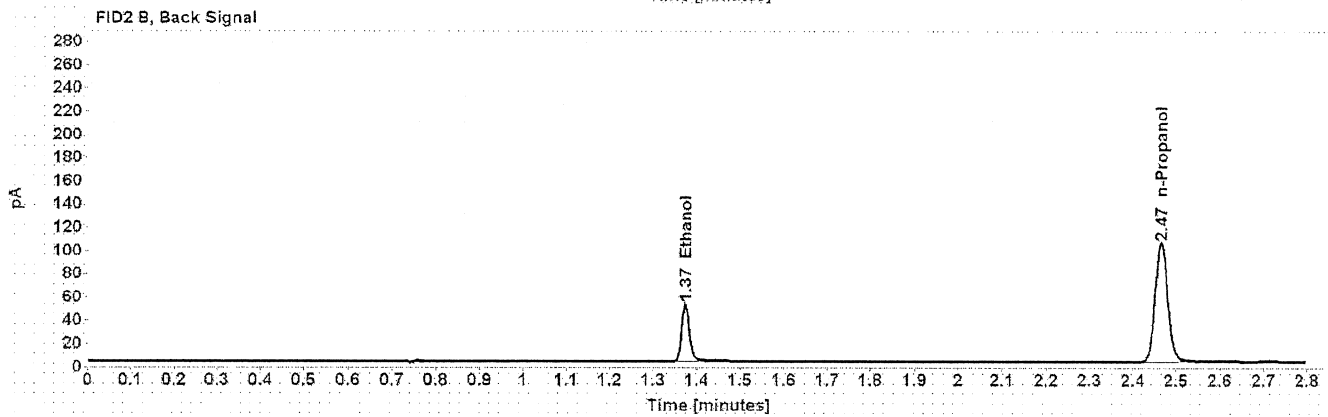
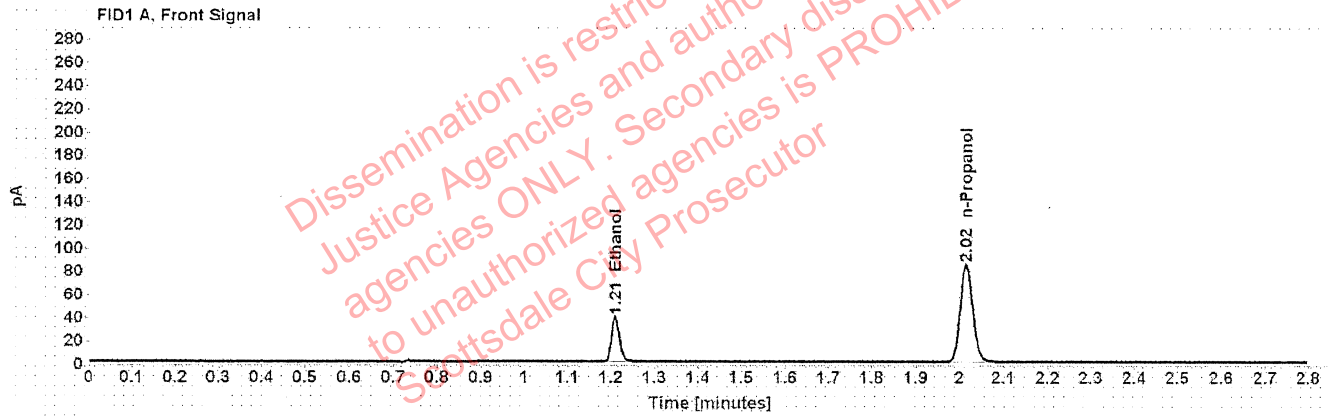


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0817	1.210	49.886
n-Propanol	-----	2.015	168.646

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.133
n-Propanol	2.466	208.768

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	4101018274/9	<b>Vial:</b>	42
<b>Description:</b>	0.200	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	20Jul21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	7/20/2021 5:44:06 PM
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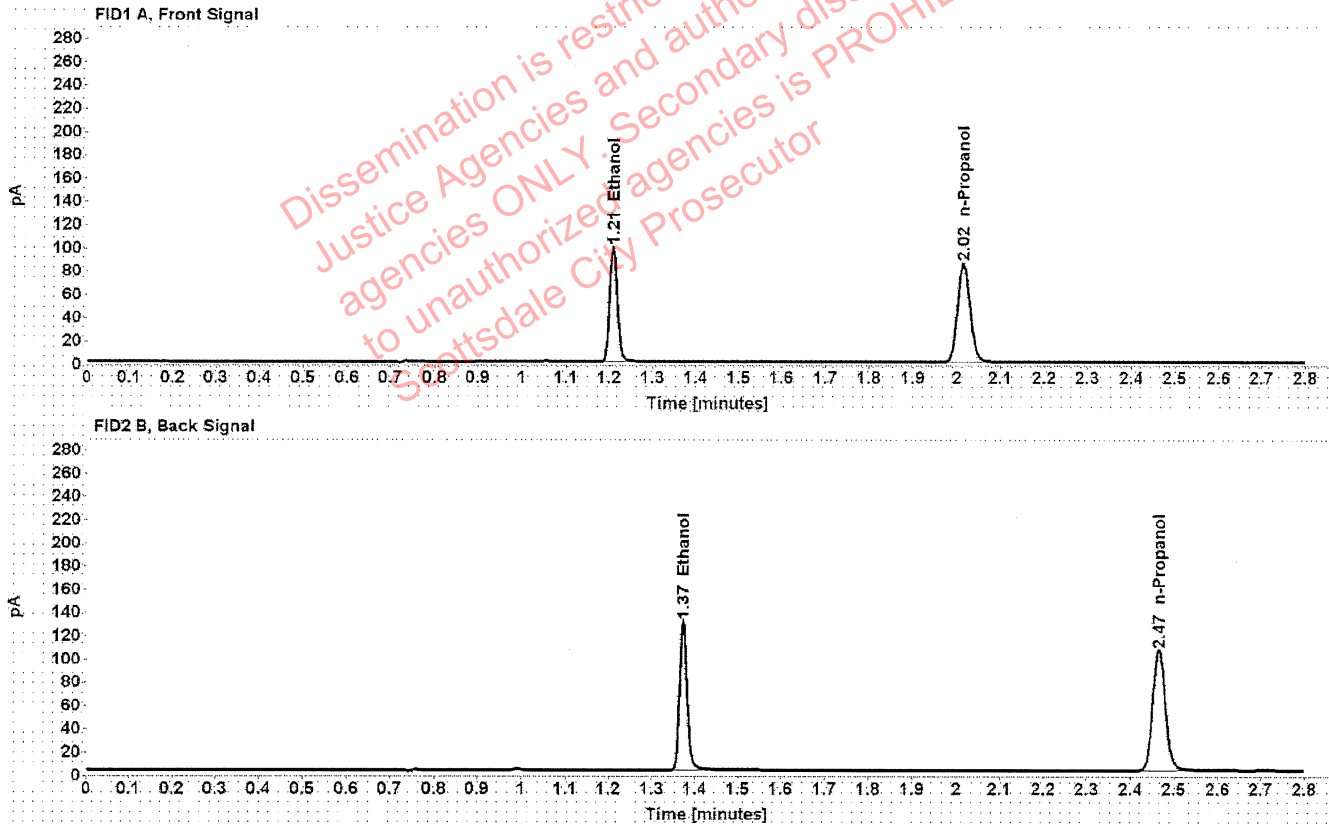


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.209	126.735
n-Propanol	-----	2.015	170.818

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.729
n-Propanol	2.466	211.701

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	53
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:28:36 PM
Data file:	C:\Chem32\1\Data\20Jul21\53.D	Analyst:	Abbott <span style="float: right;"><i>JA</i></span>

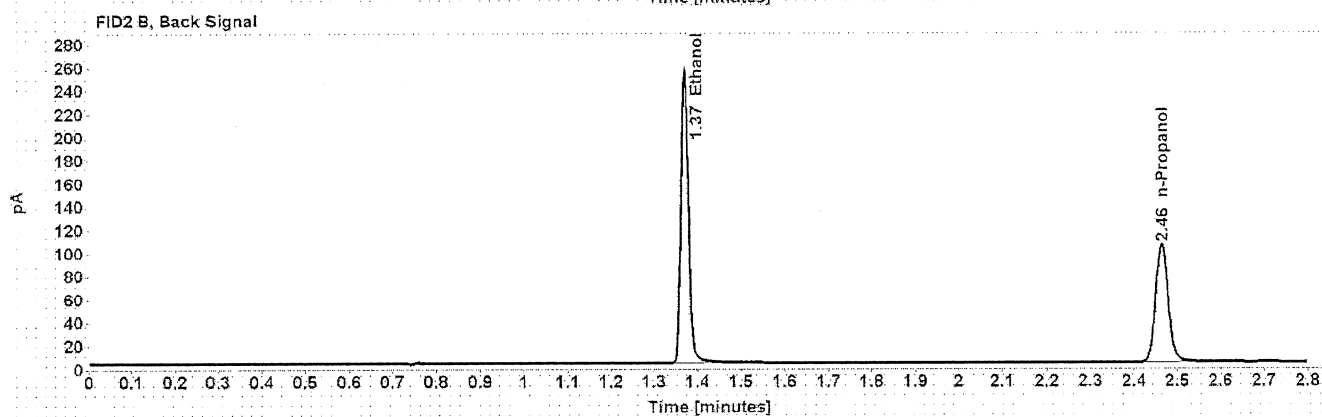
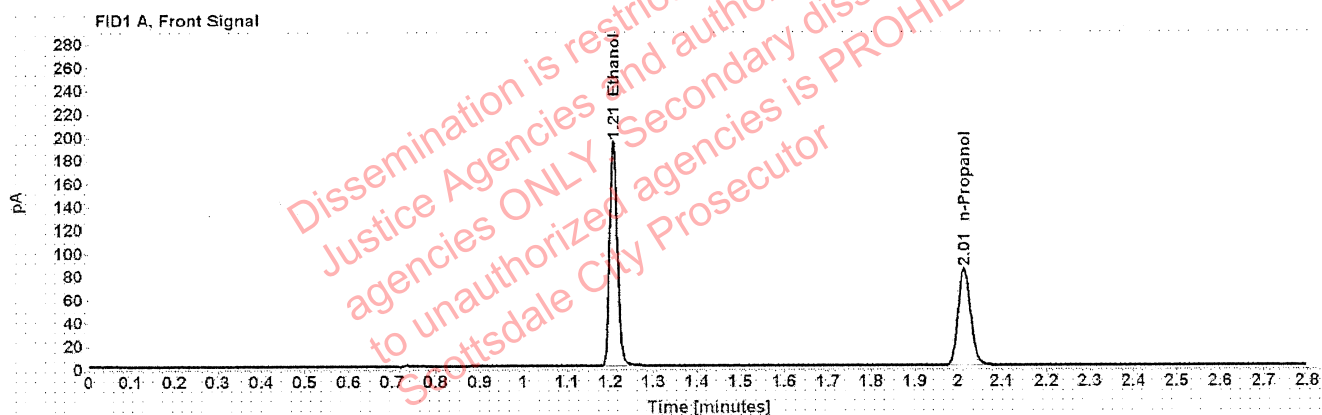


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3997	1.207	247.863
n-Propanol	-----	2.014	167.857

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

Compound	Time (min)	Peak Area
Ethanol	1.371	310.731
n-Propanol	2.464	207.994

# 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> 20Jul21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/20/2021 6:32:37 PM
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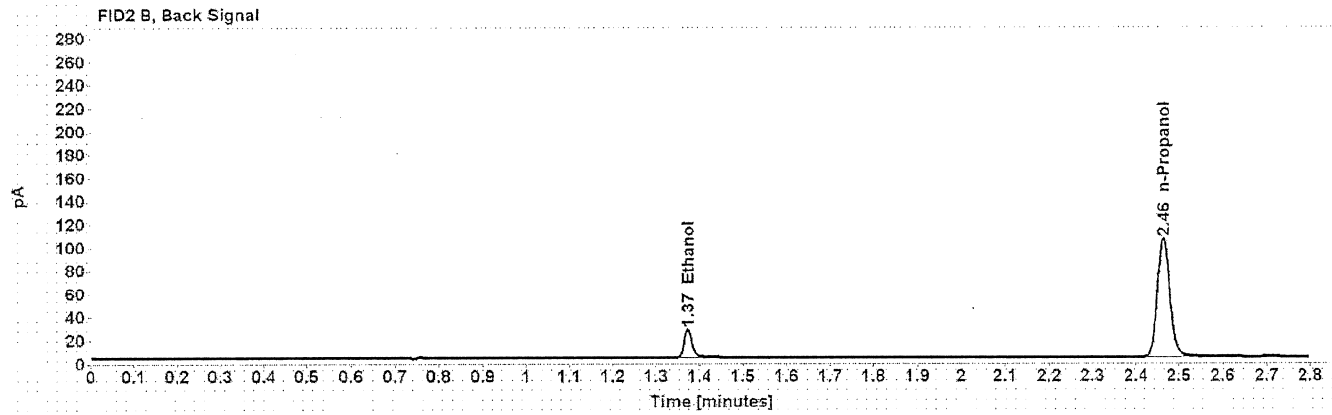
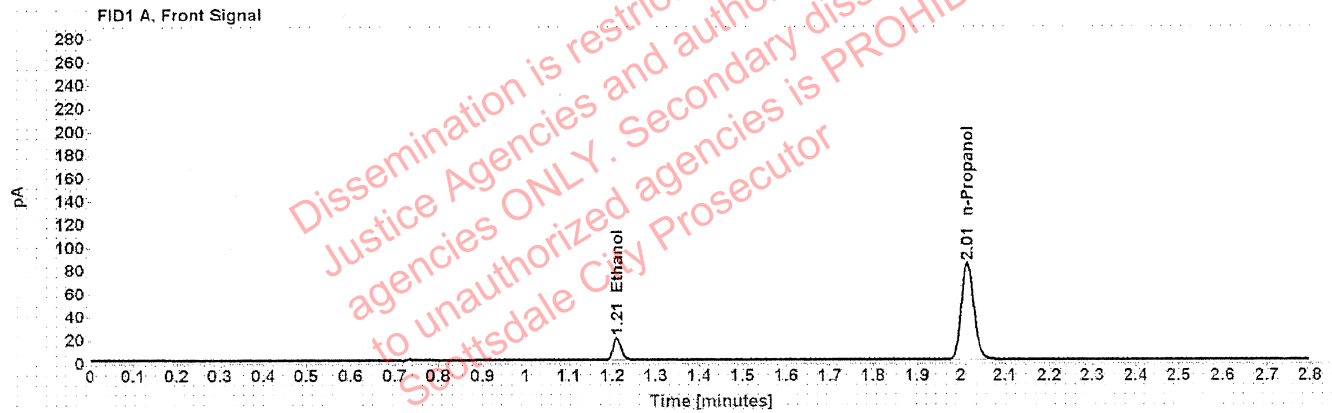


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.210	24.656
n-Propanol	-----	2.014	168.067

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.565
n-Propanol	2.464	208.023



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 20Jul21
Instrument: US14173023 CN14160045	Injection date: 7/20/2021 6:36:52 PM
Data file: C:\Chem32\1\Data\20Jul21\55.D	Analyst: Abbott <i>JA</i>

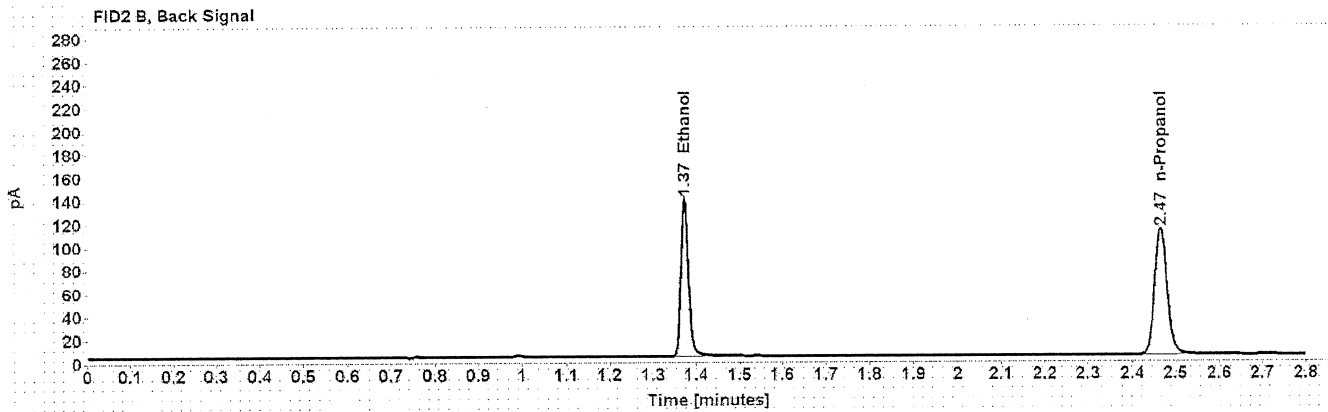
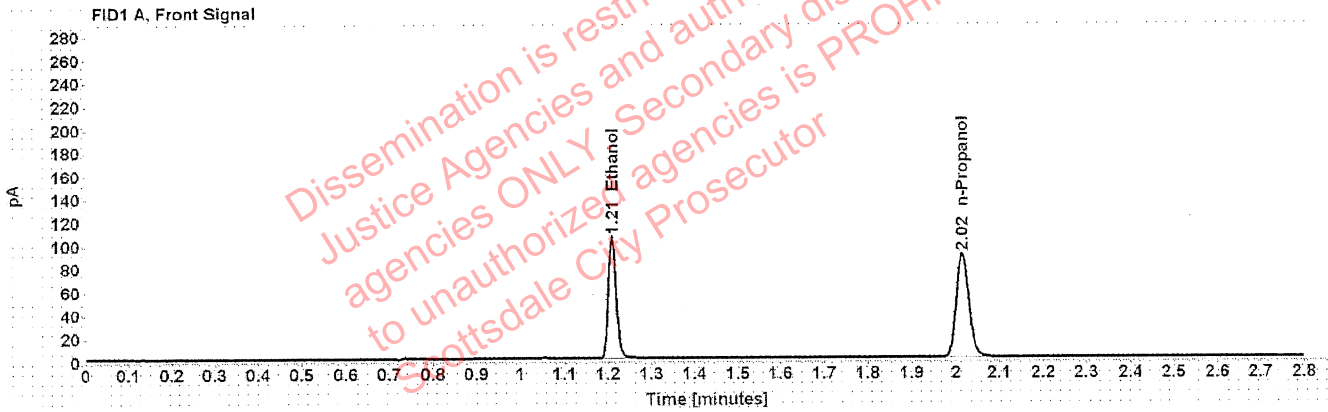


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.209	135.038
n-Propanol	-----	2.015	179.342

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

Compound	Time (min)	Peak Area
Ethanol	1.373	169.072
n-Propanol	2.466	221.826

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 111020WB	<b>Vial:</b> 56
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 20Jul21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 7/20/2021 6:40:53 PM
<b>Data file:</b> C:\Chem32\1\Data\20Jul21\56.D	<b>Analyst:</b> Abbott <i>JA</i>

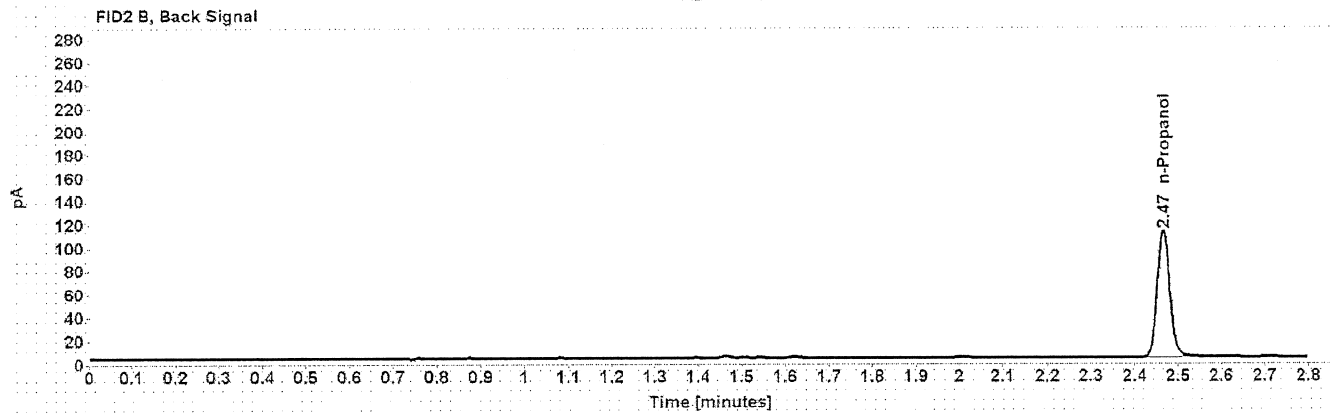


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	179.150

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	222.843

# Sequence Summary

Sequence name: 20Jul21      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	071521AQ	Negative	Control		ethanol quant.M
6	050721MIX	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	4101018274/9	0.200	Control		ethanol quant.M
10	1308251		Sample		ethanol quant.M
11	1308251		Sample		ethanol quant.M
12	1379150		Sample		ethanol quant.M
13	1379150		Sample		ethanol quant.M
14	1380414		Sample		ethanol quant.M
15	1380414		Sample		ethanol quant.M
16	1334838		Sample		ethanol quant.M
17	1334838		Sample		ethanol quant.M
18	1374036		Sample		ethanol quant.M
19	1374036		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1374013		Sample		ethanol quant.M
22	1374013		Sample		ethanol quant.M
23	1380268		Sample		ethanol quant.M
24	1380268		Sample		ethanol quant.M
25	1358740		Sample		ethanol quant.M
26	1358740		Sample		ethanol quant.M
27	1380566		Sample		ethanol quant.M
28	1380566		Sample		ethanol quant.M
29	1379147		Sample		ethanol quant.M
30	1379147		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1376195		Sample		ethanol quant.M
33	1376195		Sample		ethanol quant.M
34	32701SD		Sample		ethanol quant.M
35	32701SD		Sample		ethanol quant.M
36	33801JW		Sample		ethanol quant.M
37	33801JW		Sample		ethanol quant.M
38	34001RA		Sample		ethanol quant.M
39	34001RA		Sample		ethanol quant.M
40	33801GA		Sample		ethanol quant.M
41	33801GA		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	33801PS		Sample		ethanol quant.M
44	33801PS		Sample		ethanol quant.M
45	18601CM		Sample		ethanol quant.M
46	18601CM		Sample		ethanol quant.M
47	38701VS		Sample		ethanol quant.M

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

# Sequence Summary



48	38701VS		Sample		ethanol quant.M
49	32701DH		Sample		ethanol quant.M
50	32701DH		Sample		ethanol quant.M
51	1381265		Sample		ethanol quant.M
52	1381265		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4101018274/9	0.200	Control		ethanol quant.M
56	111020WB	Negative	Control		ethanol quant.M

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NON-C.J.  
Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 20Jul21

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1719	0.1715	0.17170	0.12	0.00020
12 13	0.2008	0.2012	0.20100	0.10	0.00020
14 15	0.2176	0.2177	0.21765	0.02	0.00005
16 17	0.1882	0.1886	0.18840	0.11	0.00020
18 19	0.1281	0.1294	0.12875	0.50	0.00065
21 22	0.0000	0.0000	0.00000	0.00	0.00000
23 24	0.1123	0.1132	0.11275	0.40	0.00045
25 26	0.2579	0.2582	0.25805	0.06	0.00015
27 28	0.1726	0.1726	0.17260	0.00	0.00000
29 30	0.1910	0.1917	0.19135	0.18	0.00035
32 33	0.0000	0.0000	0.00000	0.00	0.00000
34 35	0.1557	0.1556	0.15565	0.03	0.00005
36 37	0.1909	0.1904	0.19065	0.13	0.00025
38 39	0.1987	0.1996	0.19915	0.23	0.00045
40 41	0.2345	0.2355	0.23500	0.21	0.00050
43 44	0.1563	0.1567	0.15650	0.13	0.00020
45 46	0.1013	0.1010	0.10115	0.15	0.00015
47 48	0.0782	0.0779	0.07805	0.19	0.00015
49 50	0.1469	0.1460	0.14645	0.31	0.00045
51 52	0.1743	0.1747	0.17450	0.11	0.00020

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

# Scottsdale Forensic Lab Blood Alcohol Pipetting Log

**ANALYST:** Abbott

**SEQUENCE:** 20Jul21 *oh*

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1308251	1308251	1308251	Yes
Vials 12 and 13	1379150	1379150	1379150	Yes
Vials 14 and 15	1380414	1380414	1380414	Yes
Vials 16 and 17	1334838	1334838	1334838	Yes
Vials 18 and 19	1374036	1374036	1374036	Yes
Vials 21 and 22	1374013	1374013	1374013	Yes
Vials 23 and 24	1380268	1380268	1380268	Yes
Vials 25 and 26	1358740	1358740	1358740	Yes
Vials 27 and 28	1380566	1380566	1380566	Yes
Vials 29 and 30	1379147	1379147	1379147	Yes
Vials 32 and 33	1376195	1376195	1376195	Yes
Vials 34 and 35	32701SD	32701SD	32701SD	Yes
Vials 36 and 37	33801JW	33801JW	33801JW	Yes
Vials 38 and 39	34001RA	34001RA	34001RA	Yes
Vials 40 and 41	33801GA	33801GA	33801GA	Yes
Vials 43 and 44	33801PS	33801PS	33801PS	Yes
Vials 45 and 46	18601CM	18601CM	18601CM	Yes
Vials 47 and 48	38701VS	38701VS	38701VS	Yes
Vials 49 and 50	32701DH	32701DH	32701DH	Yes
Vials 51 and 52	1381265	1381265	1381265	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1308251	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:34:53 PM
Data file:	C:\Chem32\1\Data\20Jul21\10.D	Analyst:	Abbott

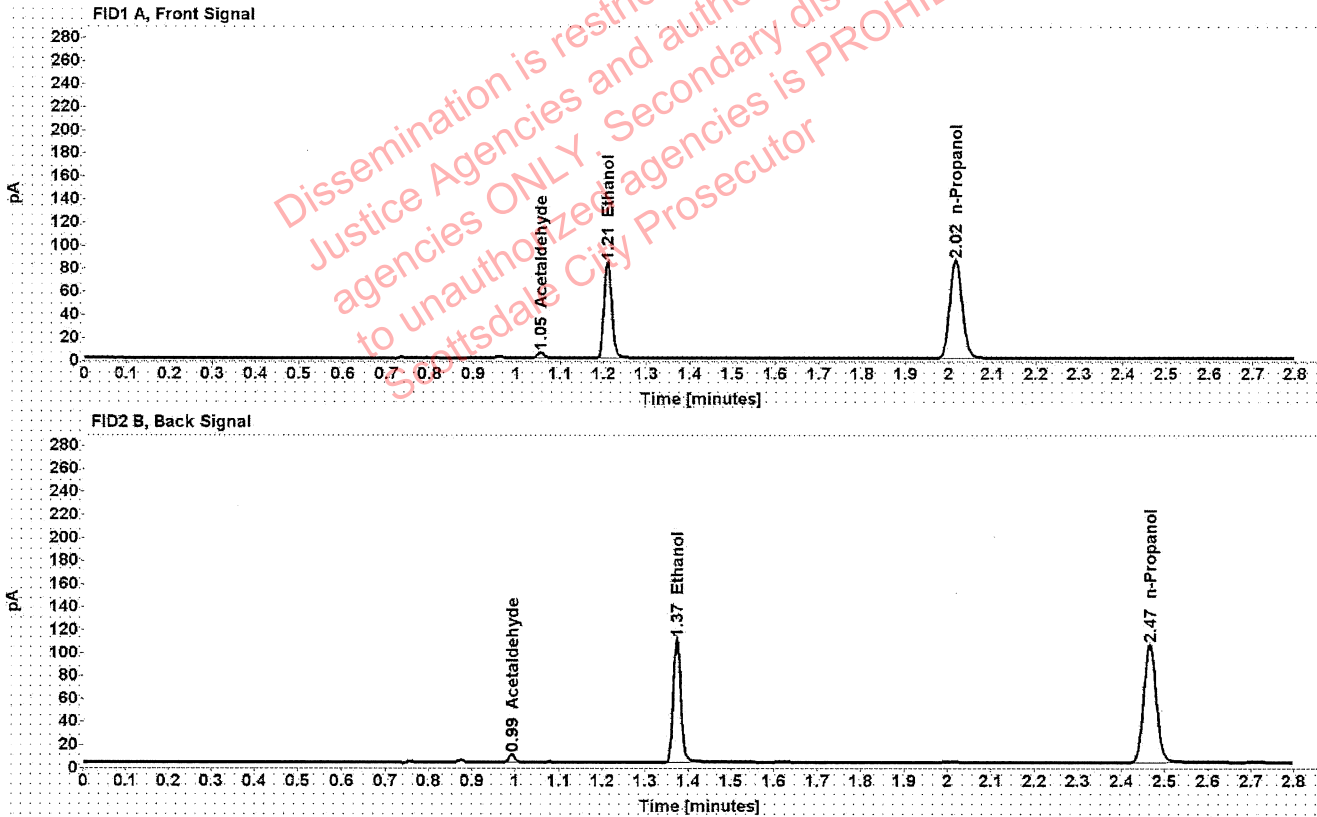


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.062
>Ethanol	0.1719	1.209	107.145
n-Propanol	-----	2.015	169.893

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	6.583
Ethanol	1.373	132.393
n-Propanol	2.466	208.462

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1308251	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:38:53 PM
Data file:	C:\Chem32\1\Data\20Jul21\11.D	Analyst:	Abbott

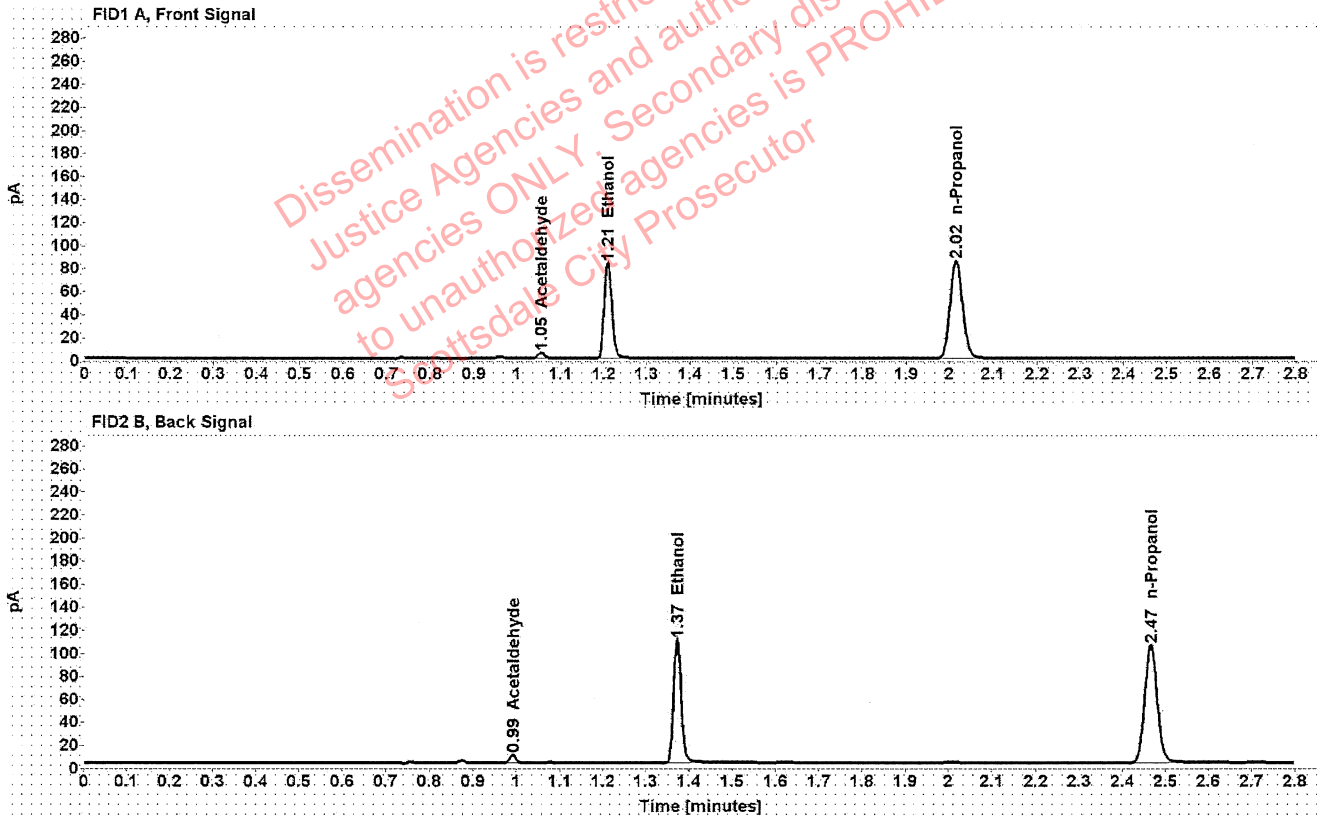


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.117
>Ethanol	0.1715	1.209	106.421
n-Propanol	-----	2.015	169.164

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	6.599
Ethanol	1.373	131.508
n-Propanol	2.466	207.587



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379150	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:42:53 PM
Data file:	C:\Chem32\1\Data\20Jul21\12.D	Analyst:	Abbott

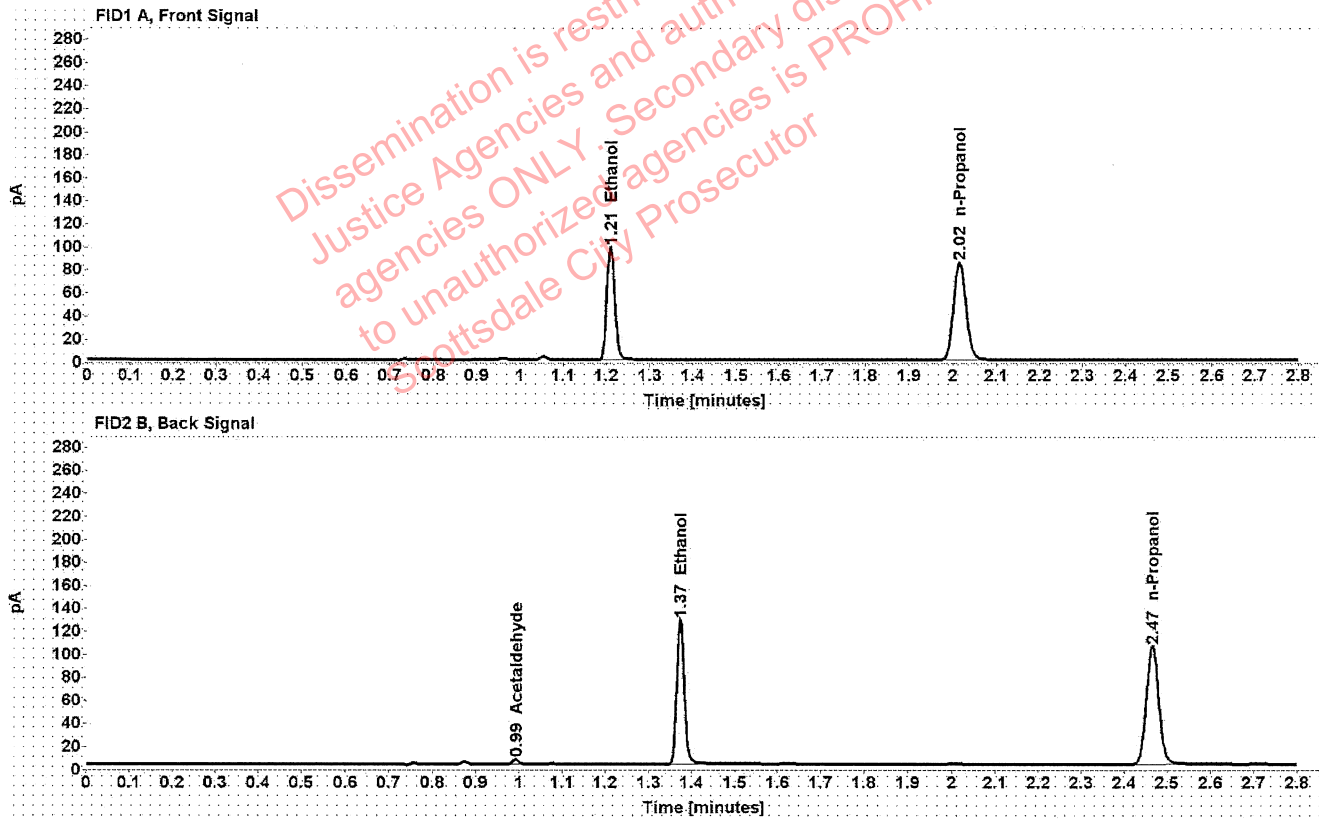


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.209	124.946
n-Propanol	-----	2.015	169.323

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.929
Ethanol	1.373	154.979
n-Propanol	2.466	207.069

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379150	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:47:08 PM
Data file:	C:\Chem32\1\Data\20Jul21\13.D	Analyst:	Abbott

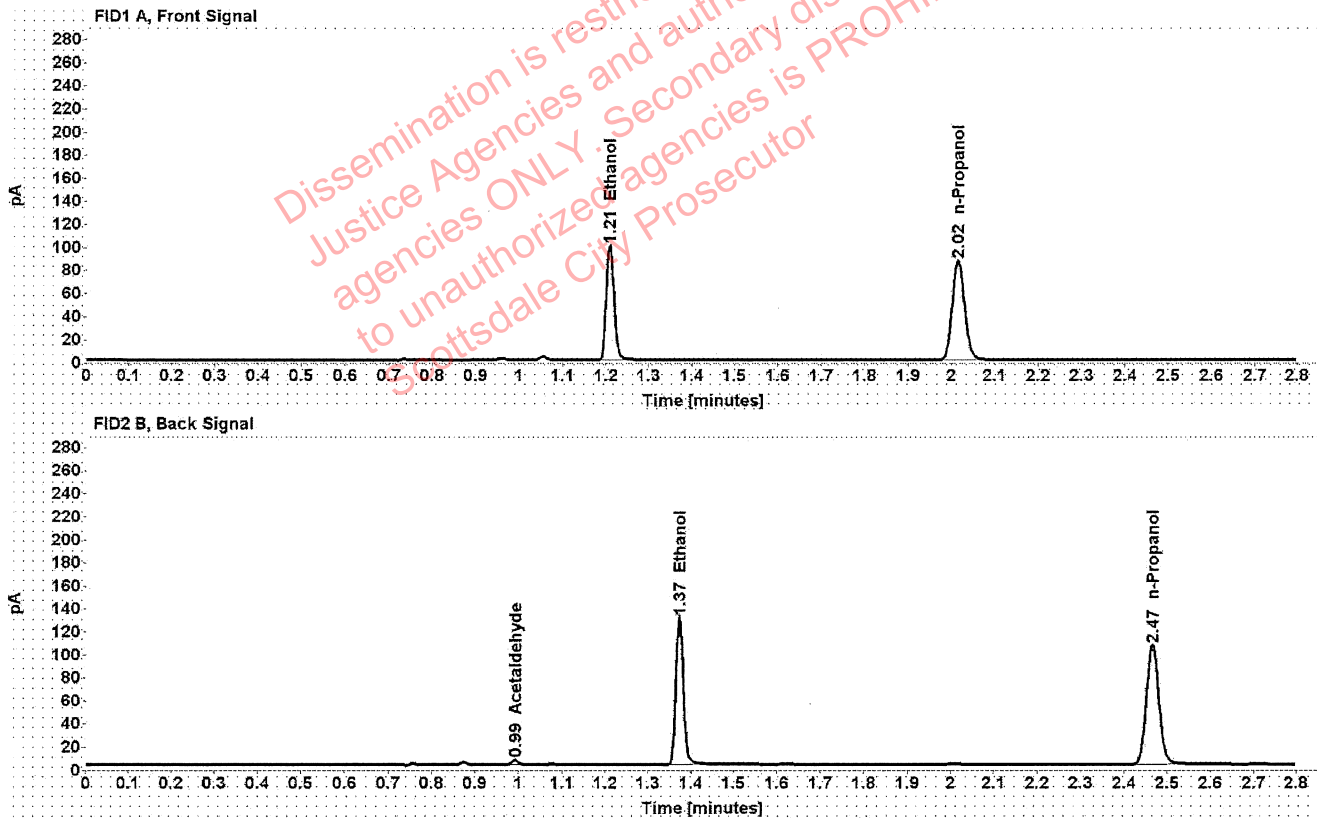


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2012	1.209	127.161
n-Propanol	-----	2.015	171.903

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.937
Ethanol	1.373	156.910
n-Propanol	2.466	210.163

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380414	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:51:08 PM
Data file:	C:\Chem32\1\Data\20Jul21\14.D	Analyst:	Abbott

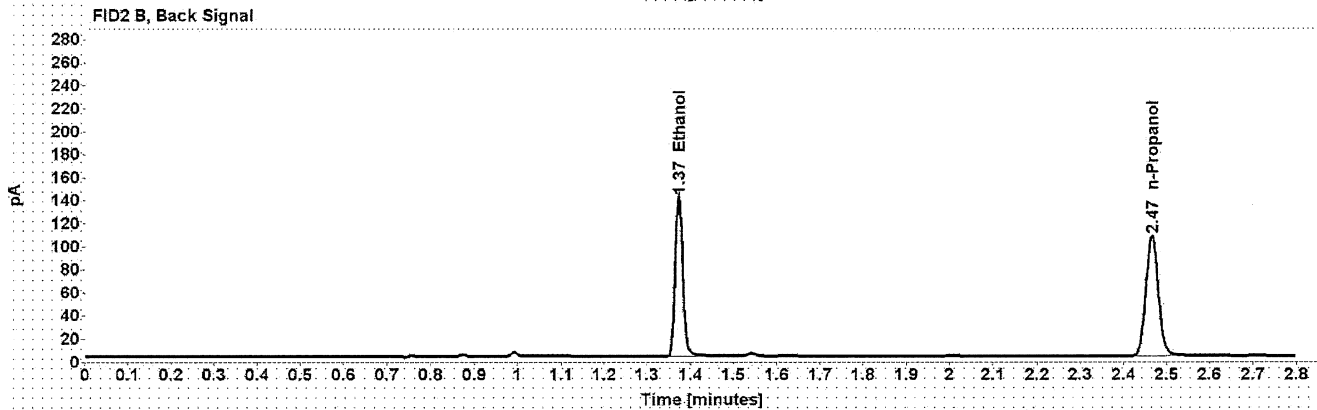
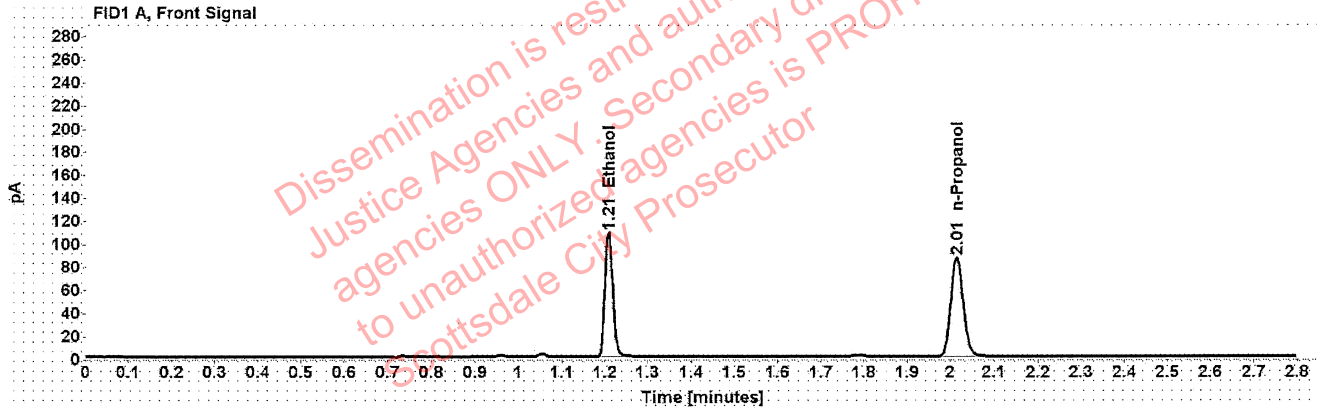


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2176	1.209	137.989
n-Propanol	-----	2.015	172.390

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

Compound	Time (min)	Peak Area
Ethanol	1.373	170.954
n-Propanol	2.465	210.775

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380414	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:55:07 PM
Data file:	C:\Chem32\1\Data\20Jul21\15.D	Analyst:	Abbott

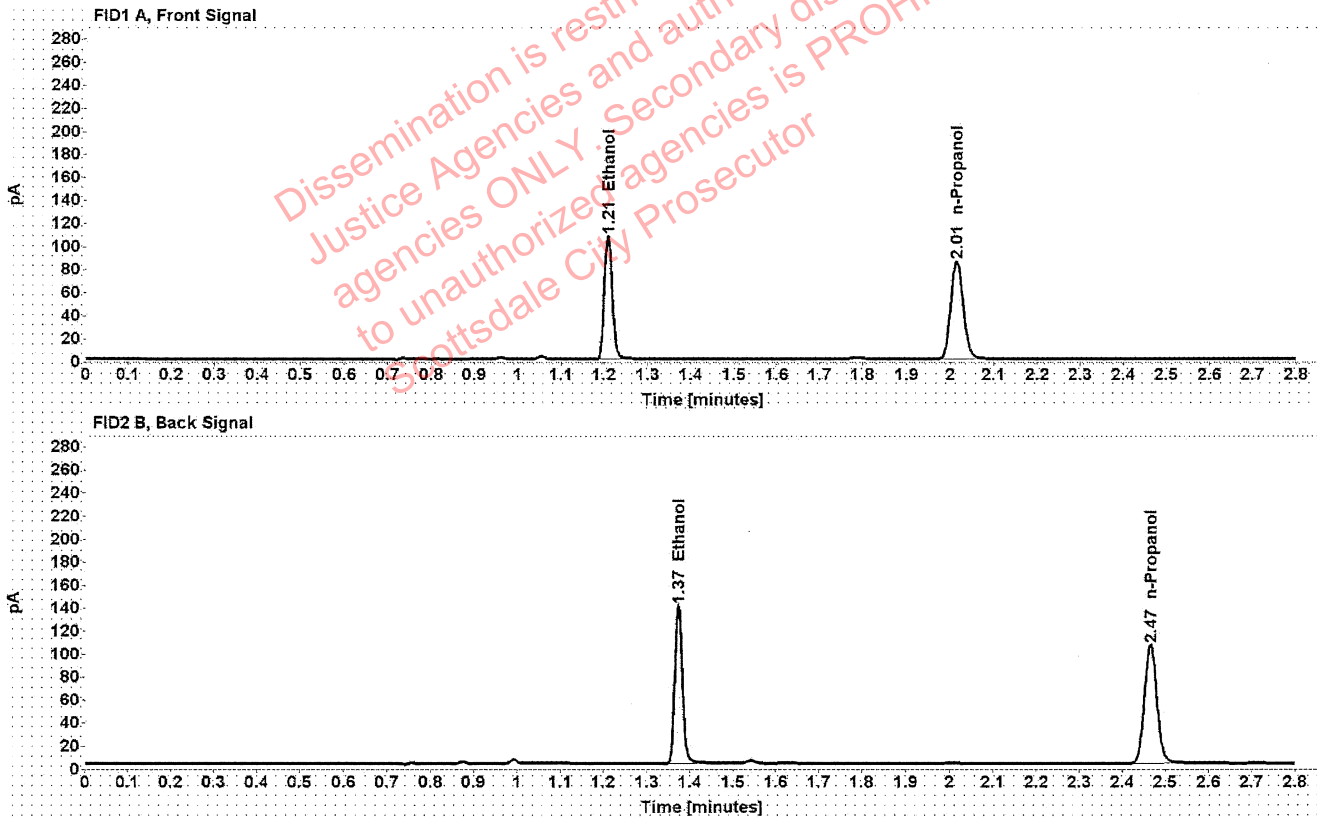


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2177	1.209	136.638
n-Propanol	-----	2.015	170.595

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

Compound	Time (min)	Peak Area
Ethanol	1.373	169.604
n-Propanol	2.465	208.562

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334838	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 3:59:08 PM
Data file:	C:\Chem32\1\Data\20Jul21\16.D	Analyst:	Abbott

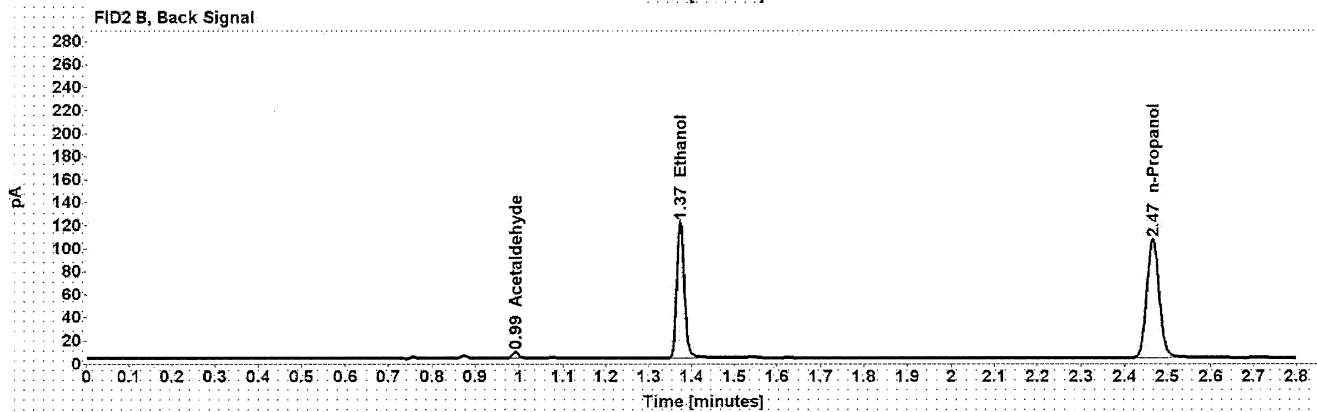
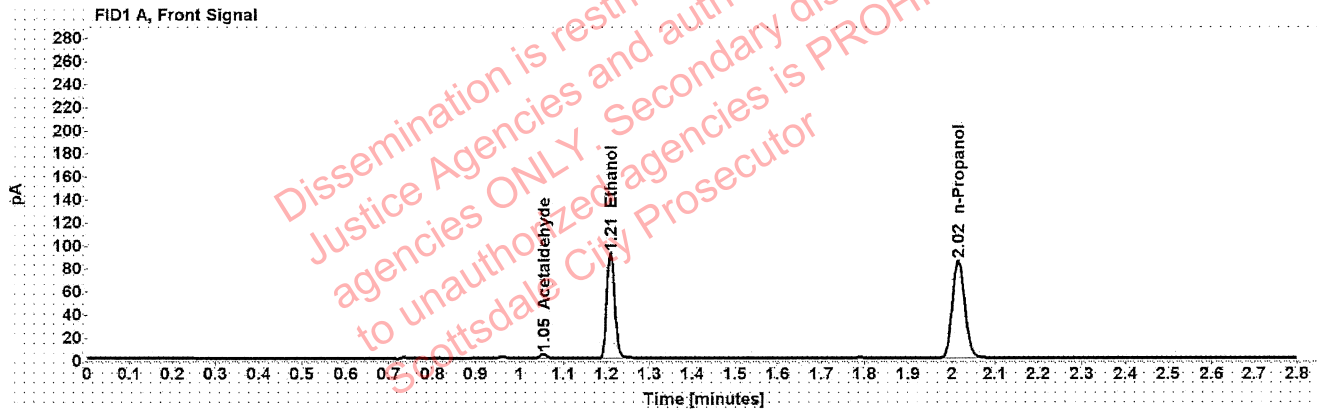


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.918
>Ethanol	0.1882	1.209	117.480
n-Propanol	-----	2.015	169.991

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.078
Ethanol	1.373	145.927
n-Propanol	2.465	208.139

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334838	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:03:07 PM
Data file:	C:\Chem32\1\Data\20Jul21\17.D	Analyst:	Abbott

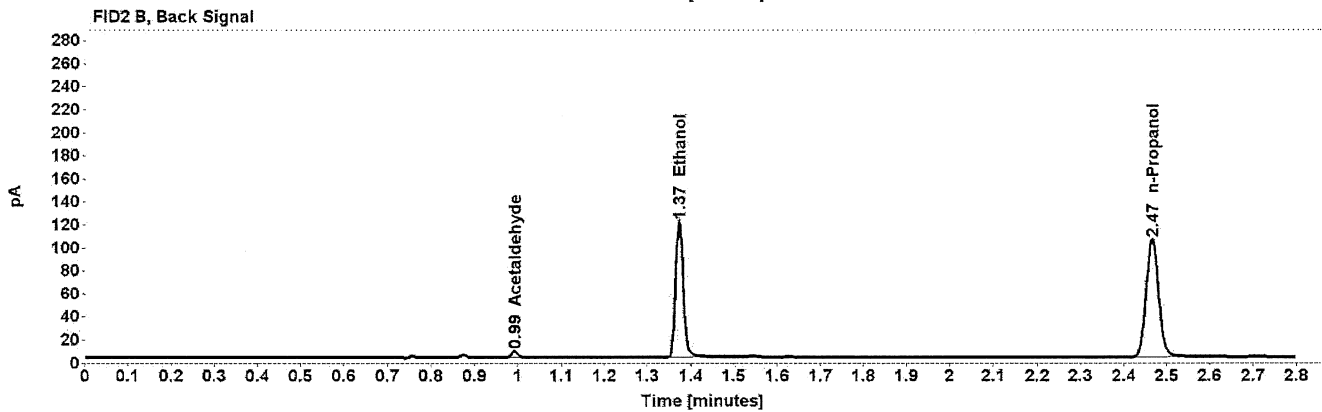
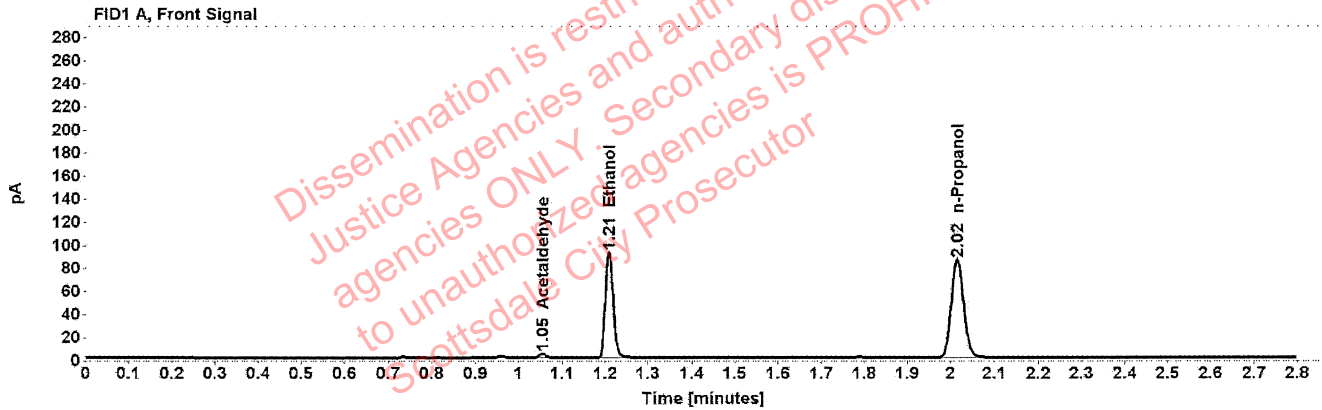


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.892
>Ethanol	0.1886	1.209	117.749
n-Propanol	-----	2.015	169.960

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.047
Ethanol	1.373	145.556
n-Propanol	2.466	208.099

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374036	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:07:07 PM
Data file:	C:\Chem32\1\Data\20Jul21\18.D	Analyst:	Abbott

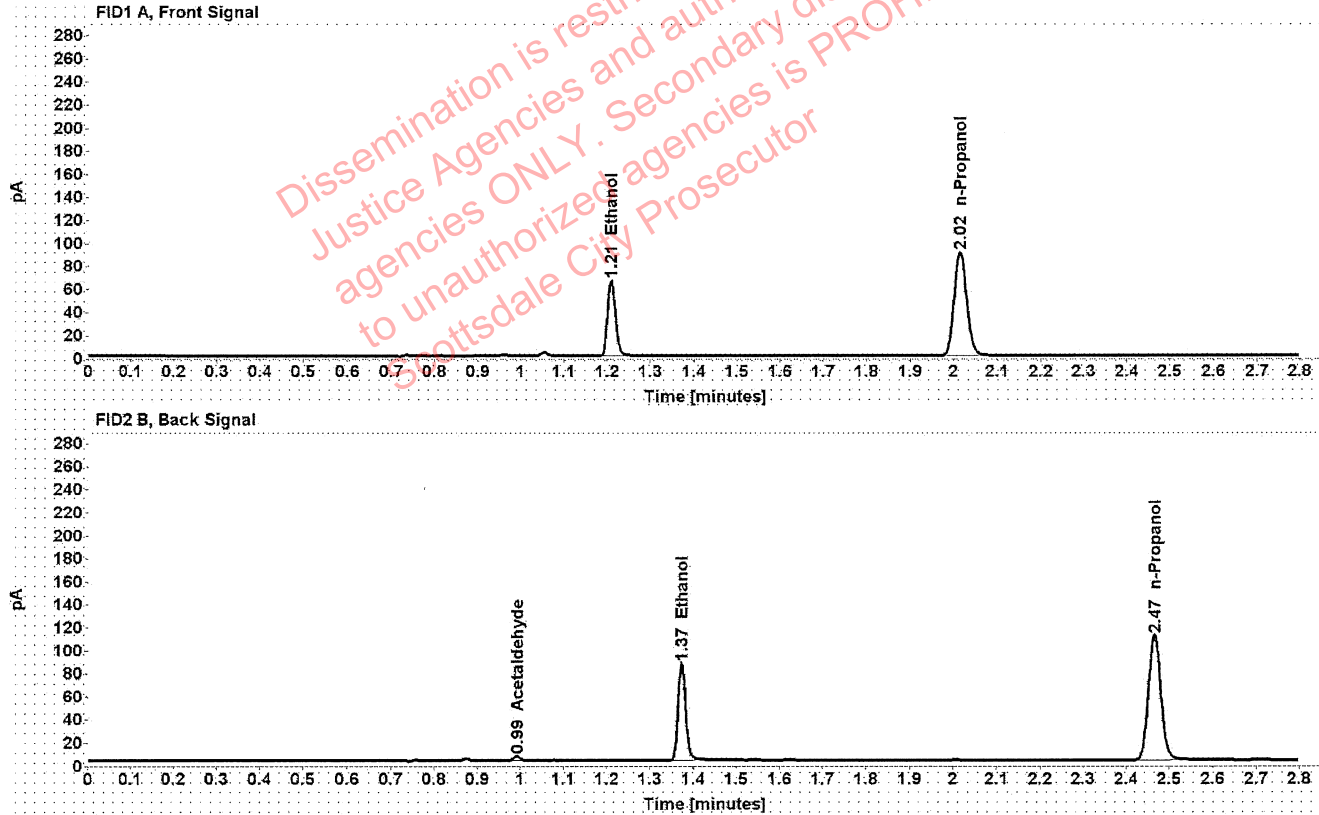


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1281	1.210	84.091
n-Propanol	-----	2.015	179.695

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.885
Ethanol	1.374	103.676
n-Propanol	2.465	220.281

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374036	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:11:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\19.D	Analyst:	Abbott

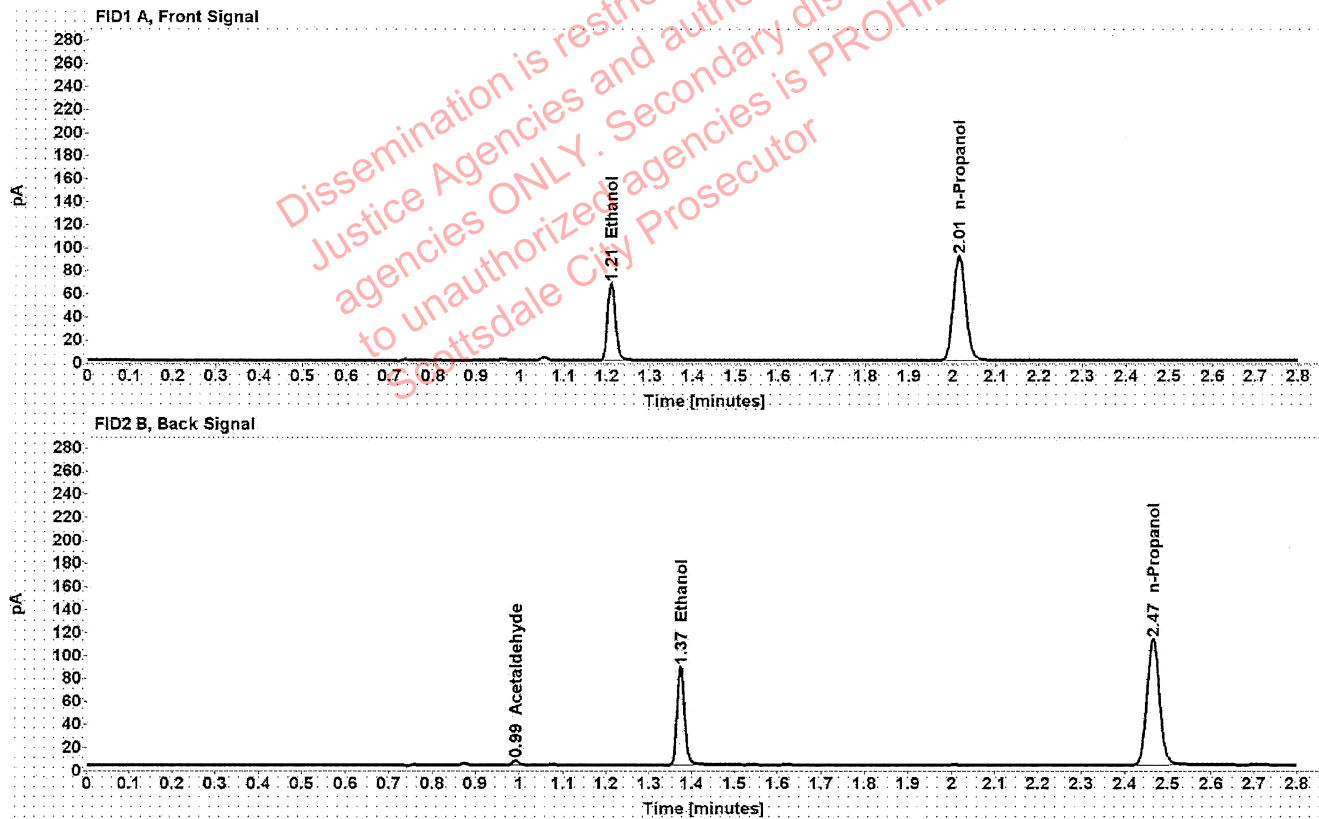


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1294	1.210	85.958
n-Propanol	-----	2.015	181.753

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.883
Ethanol	1.374	105.730
n-Propanol	2.466	222.704



Abbott, Lori - (21-Jul-2021)

Case: User: LAbbott 7/21/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374013	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:19:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\21.D	Analyst:	Abbott

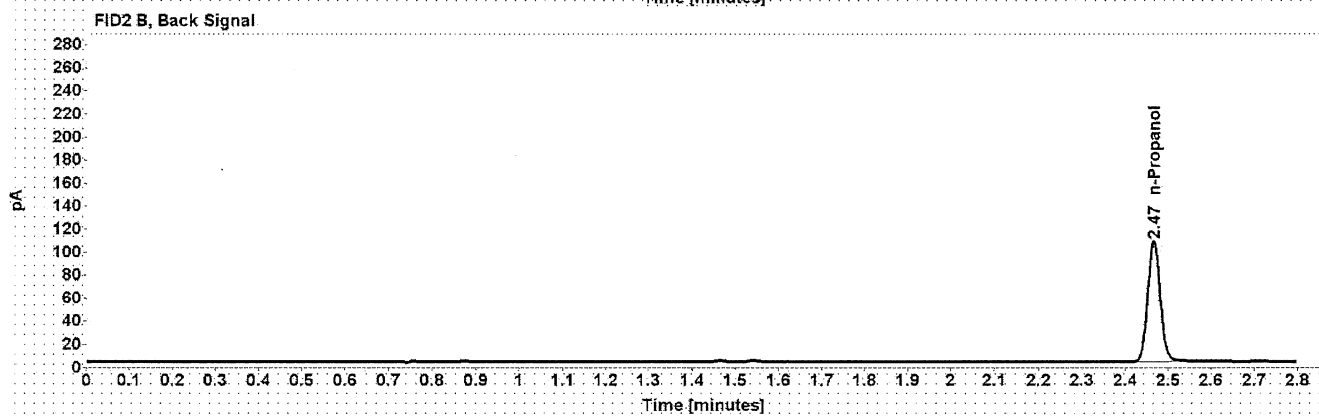
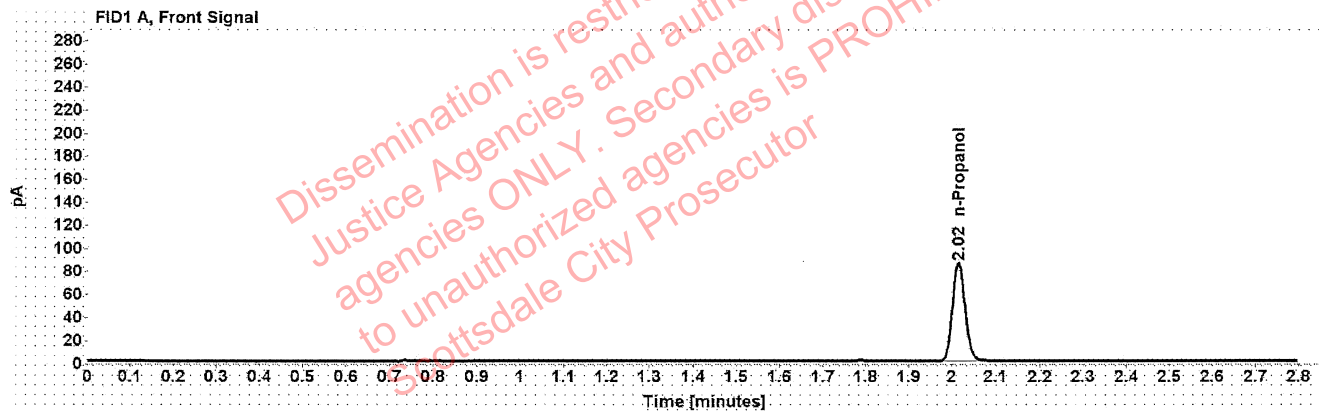


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	170.933

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	212.208

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374013	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:23:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\22.D	Analyst:	Abbott

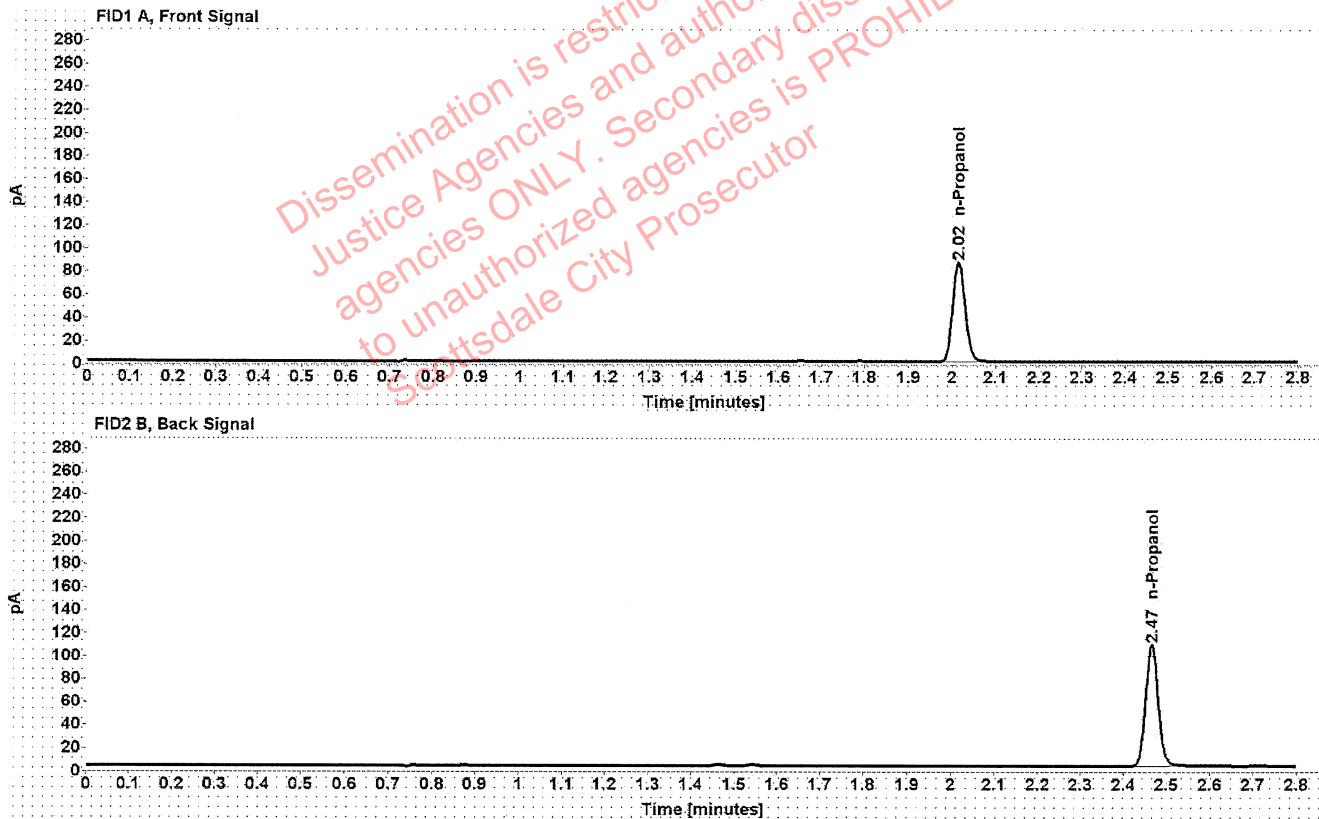


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	172.587

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	214.355

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380268	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:27:21 PM
Data file:	C:\Chem32\1\Data\20Jul21\23.D	Analyst:	Abbott

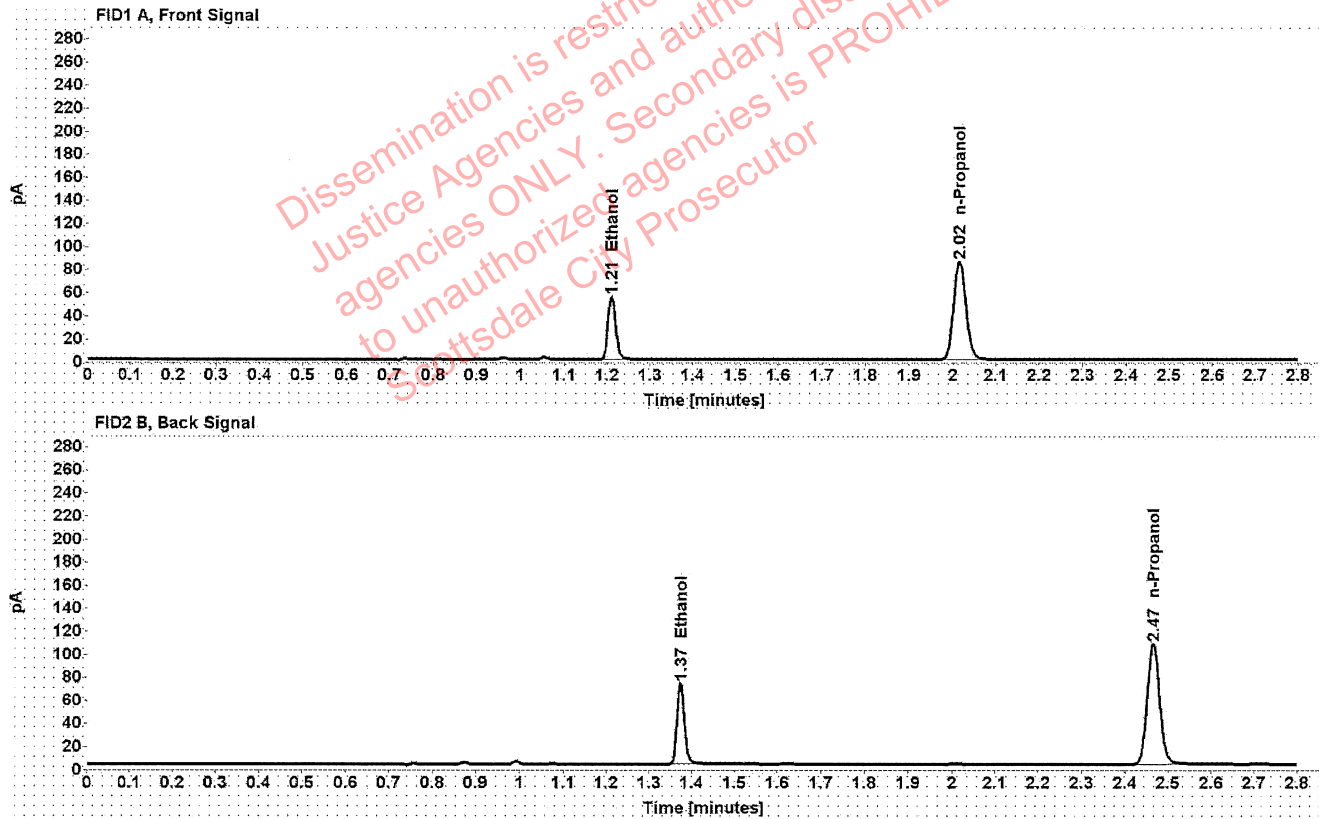


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1123	1.210	69.840
n-Propanol	-----	2.015	170.541

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

Compound	Time (min)	Peak Area
Ethanol	1.374	86.926
n-Propanol	2.466	211.613

Abbott, Lori - (21-Jul-2021)

Case: User: LAbbott 7/21/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380268	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:31:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\24.D	Analyst:	Abbott

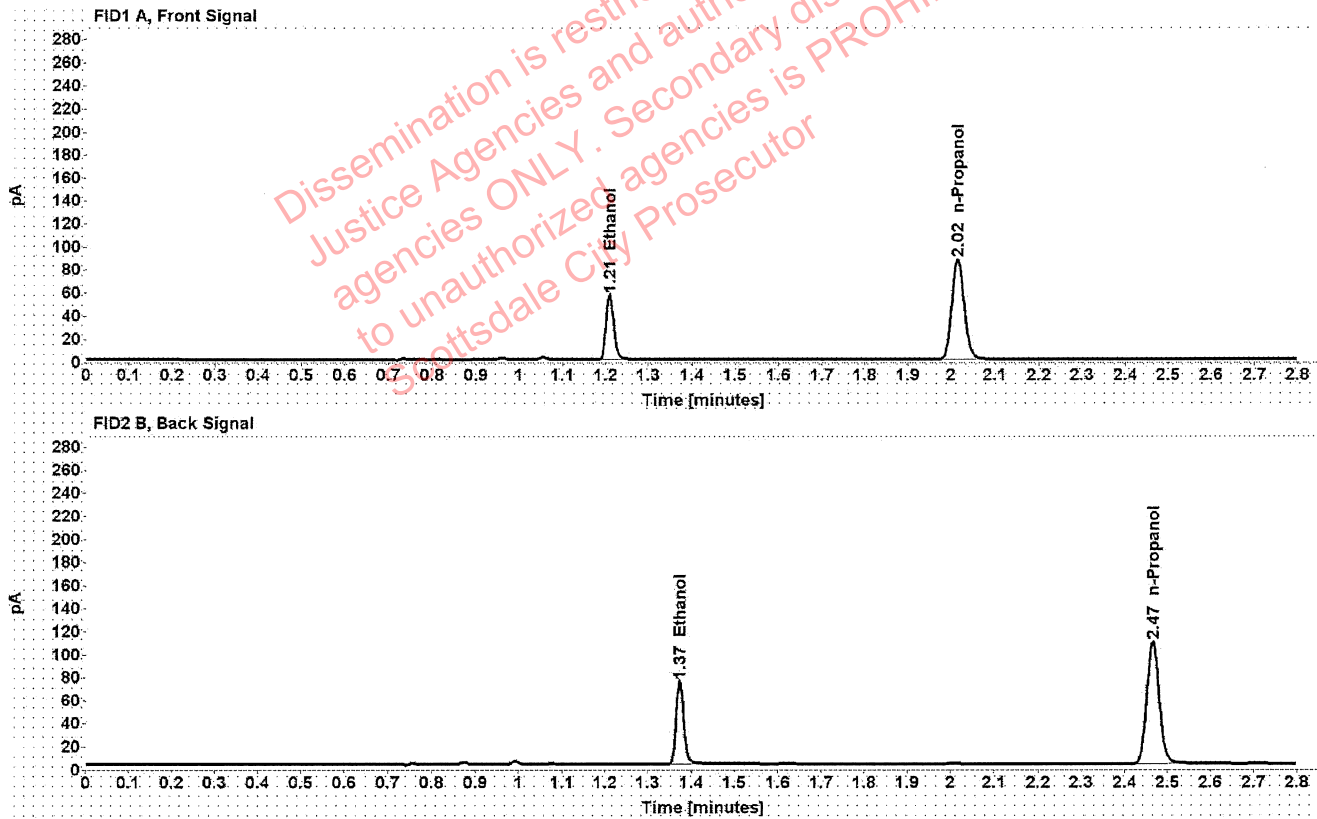


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1132	1.210	71.609
n-Propanol	-----	2.015	173.547

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

Compound	Time (min)	Peak Area
Ethanol	1.374	89.070
n-Propanol	2.466	215.324

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358740	Vial:	25
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:35:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\25.D	Analyst:	Abbott

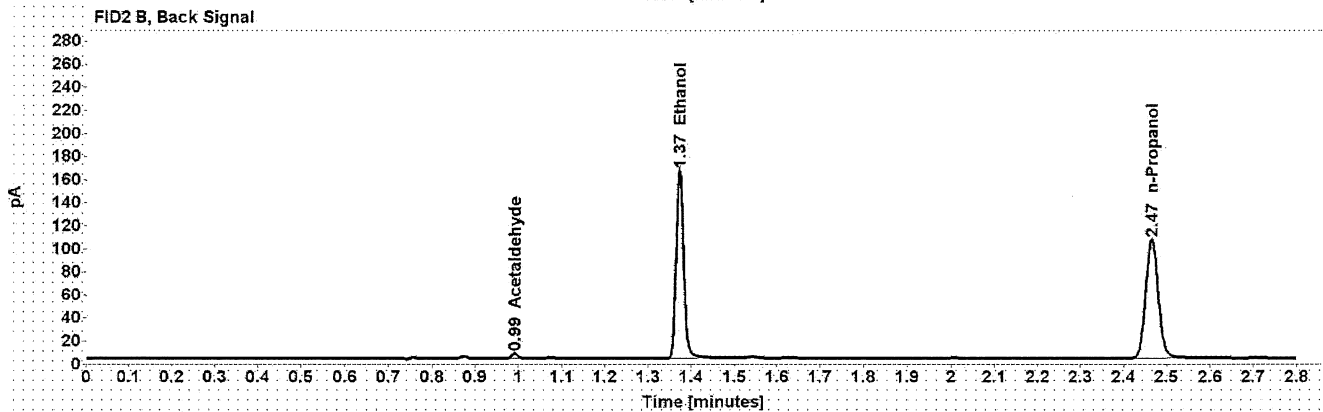
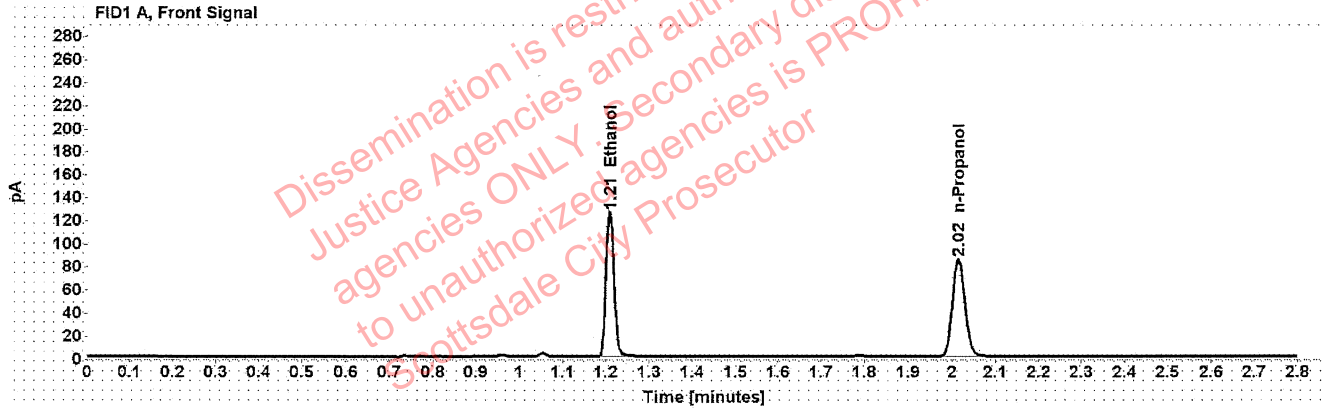


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2579	1.209	160.987
n-Propanol	-----	2.015	169.428

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.101
Ethanol	1.373	201.858
n-Propanol	2.465	209.919

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358740	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:39:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\26.D	Analyst:	Abbott

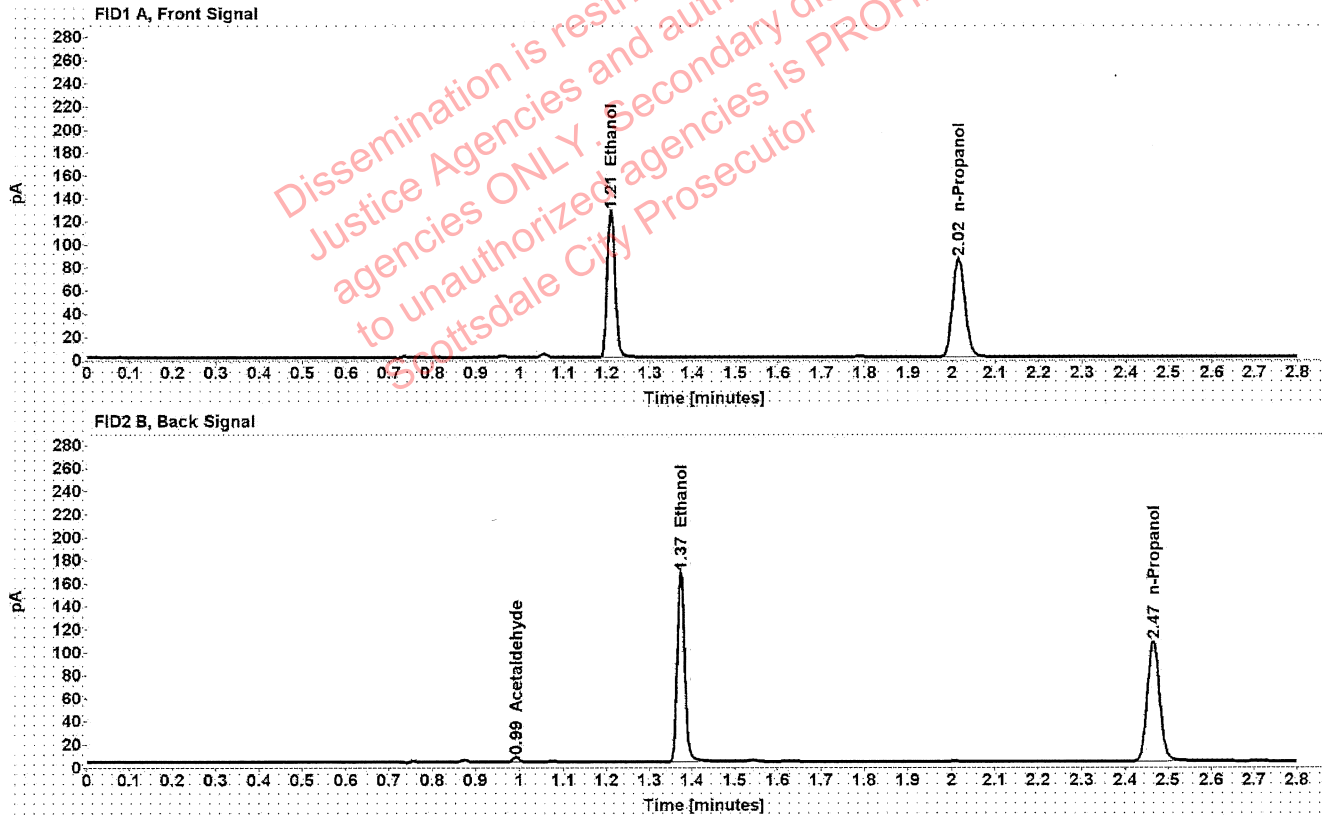


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2582	1.209	162.730
n-Propanol	-----	2.015	171.100

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.155
Ethanol	1.373	204.264
n-Propanol	2.466	212.102

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380566	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:43:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\27.D	Analyst:	Abbott

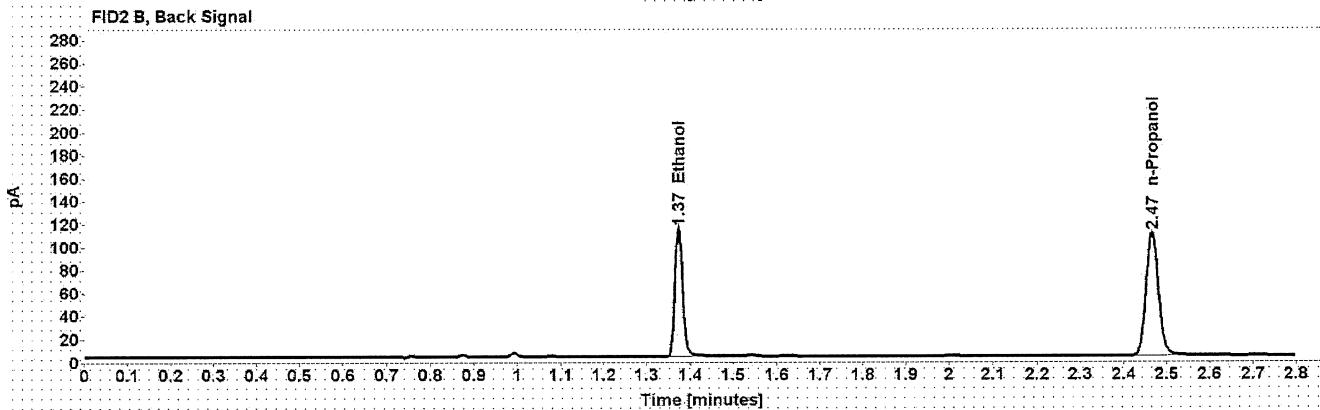
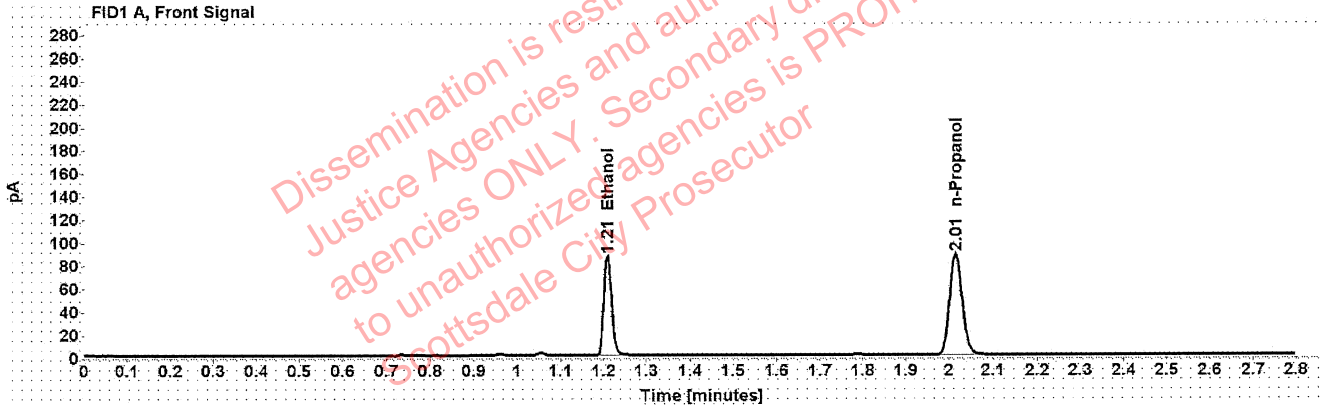


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.209	110.856
n-Propanol	-----	2.015	175.029

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

Compound	Time (min)	Peak Area
Ethanol	1.373	138.138
n-Propanol	2.465	217.049

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380566	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:47:36 PM
Data file:	C:\Chem32\1\Data\20Jul21\28.D	Analyst:	Abbott

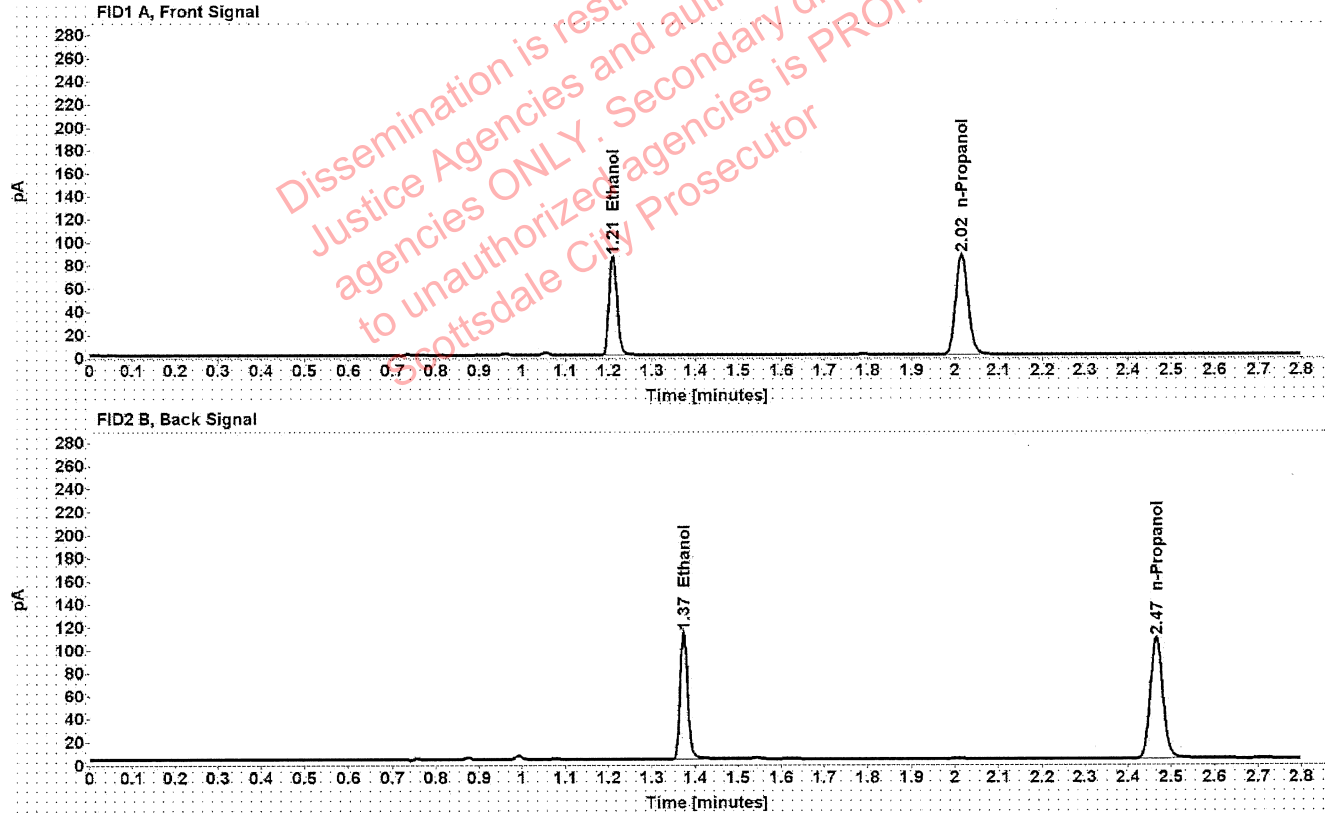


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.209	109.484
n-Propanol	-----	2.015	172.876

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

Compound	Time (min)	Peak Area
Ethanol	1.373	138.062
n-Propanol	2.466	214.398



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379147	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:51:39 PM
Data file:	C:\Chem32\1\Data\20Jul21\29.D	Analyst:	Abbott

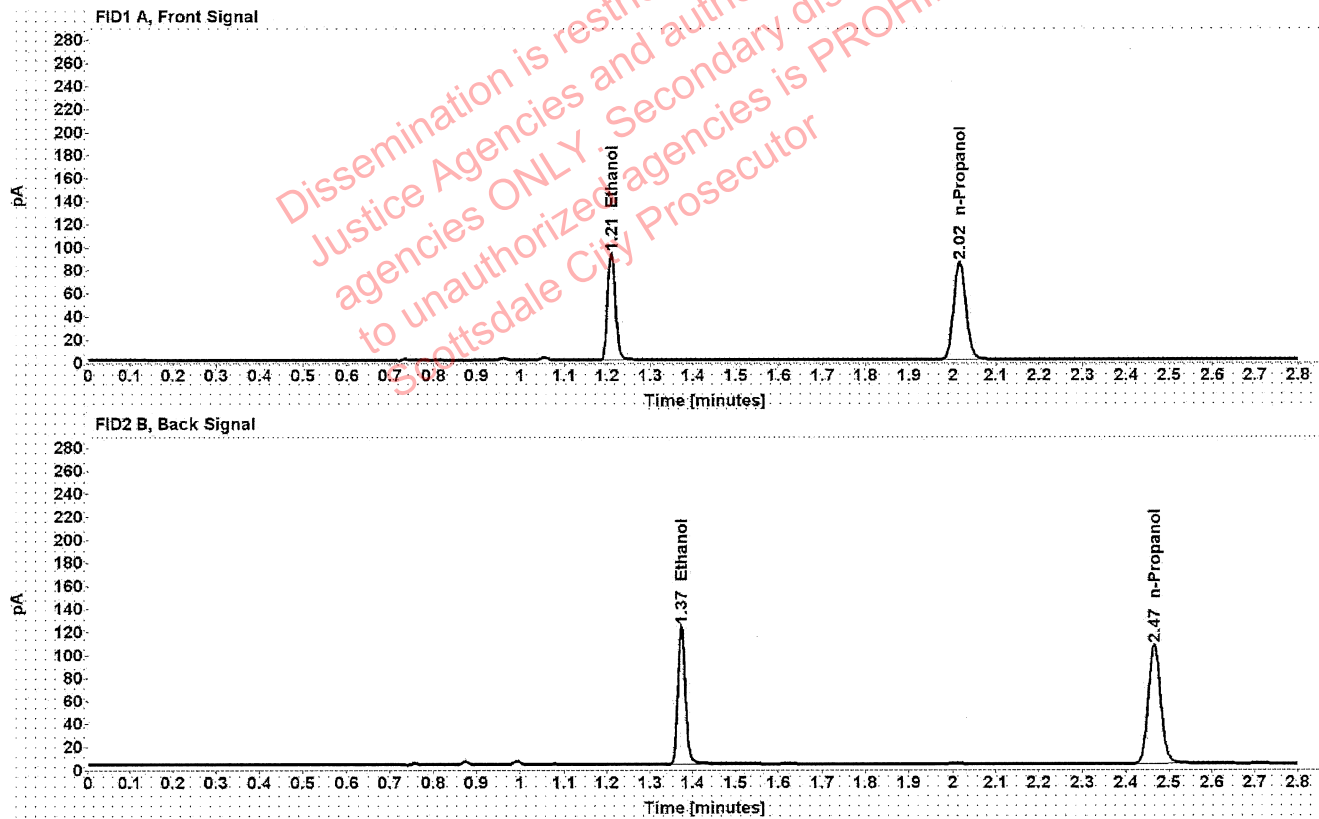


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1910	1.209	118.903
n-Propanol	-----	2.015	169.479

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

Compound	Time (min)	Peak Area
Ethanol	1.373	149.668
n-Propanol	2.466	210.023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379147	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 4:55:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\30.D	Analyst:	Abbott

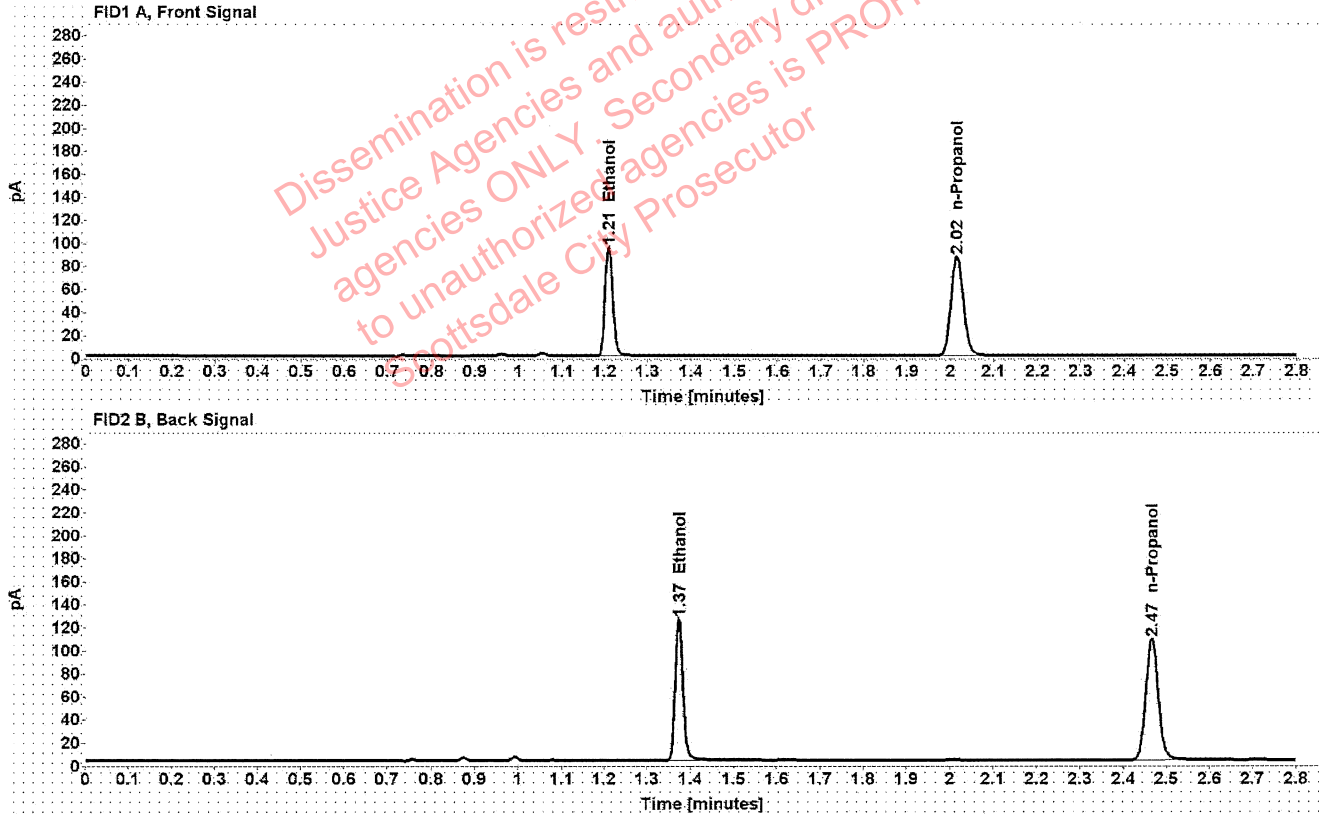


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1917	1.209	121.522
n-Propanol	-----	2.015	172.526

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

Compound	Time (min)	Peak Area
Ethanol	1.373	152.814
n-Propanol	2.466	213.676

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1376195	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:03:54 PM
Data file:	C:\Chem32\1\Data\20Jul21\32.D	Analyst:	Abbott

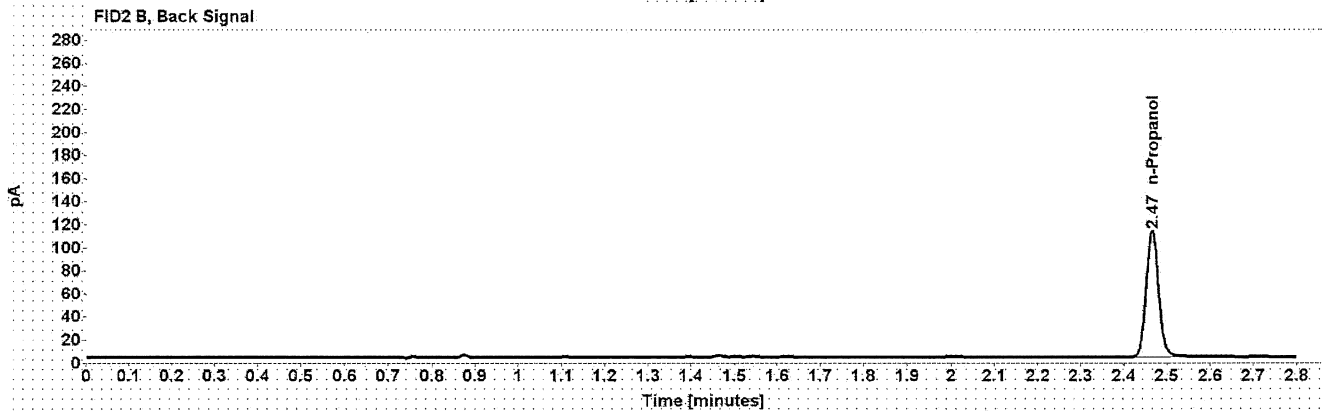
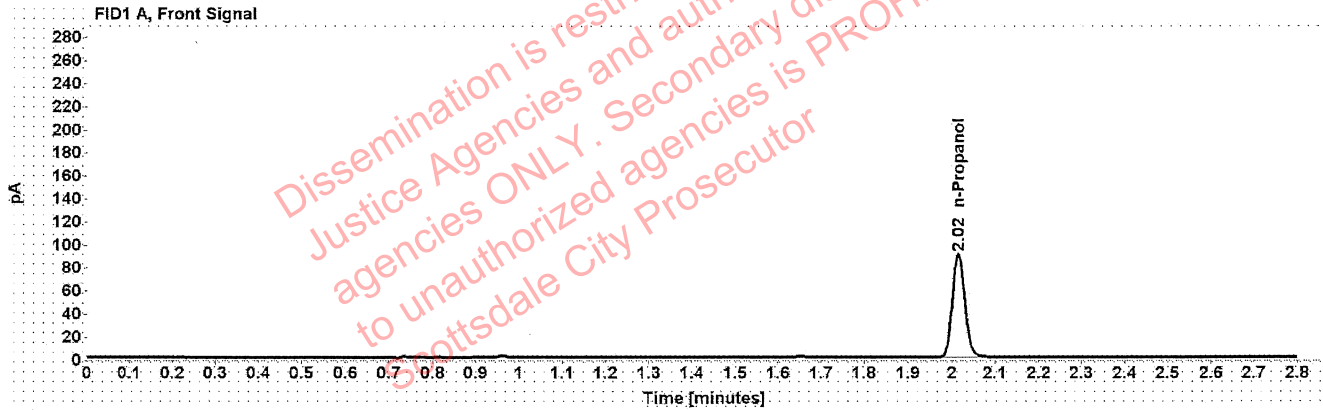


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	179.331

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	223.268

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1376195	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:07:52 PM
Data file:	C:\Chem32\1\Data\20Jul21\33.D	Analyst:	Abbott

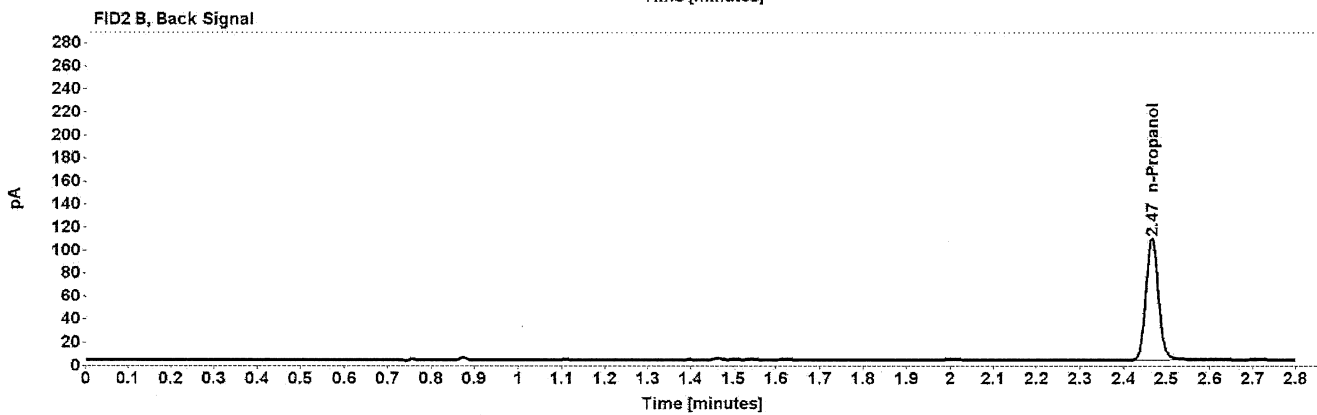
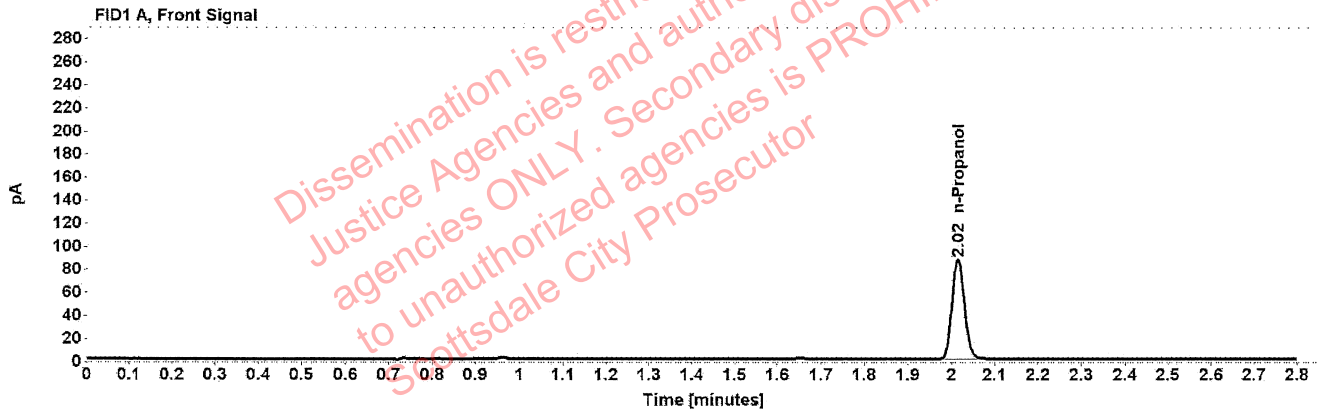


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	173.482

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	215.918

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SD	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:11:52 PM
Data file:	C:\Chem32\1\Data\20Jul21\34.D	Analyst:	Abbott

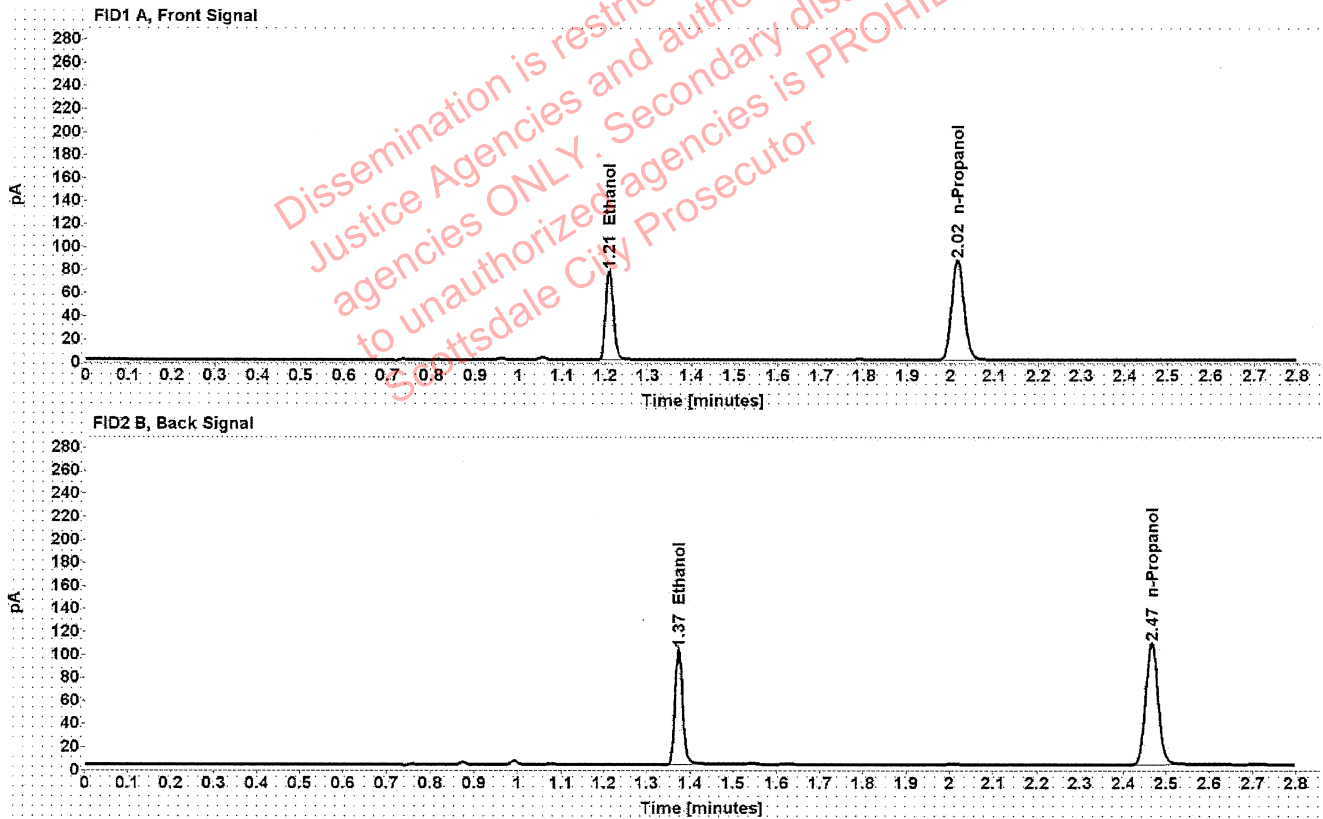


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1557	1.210	99.120
n-Propanol	-----	2.015	173.687

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

Compound	Time (min)	Peak Area
Ethanol	1.373	123.542
n-Propanol	2.466	214.824

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SD	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:15:53 PM
Data file:	C:\Chem32\1\Data\20Jul21\35.D	Analyst:	Abbott

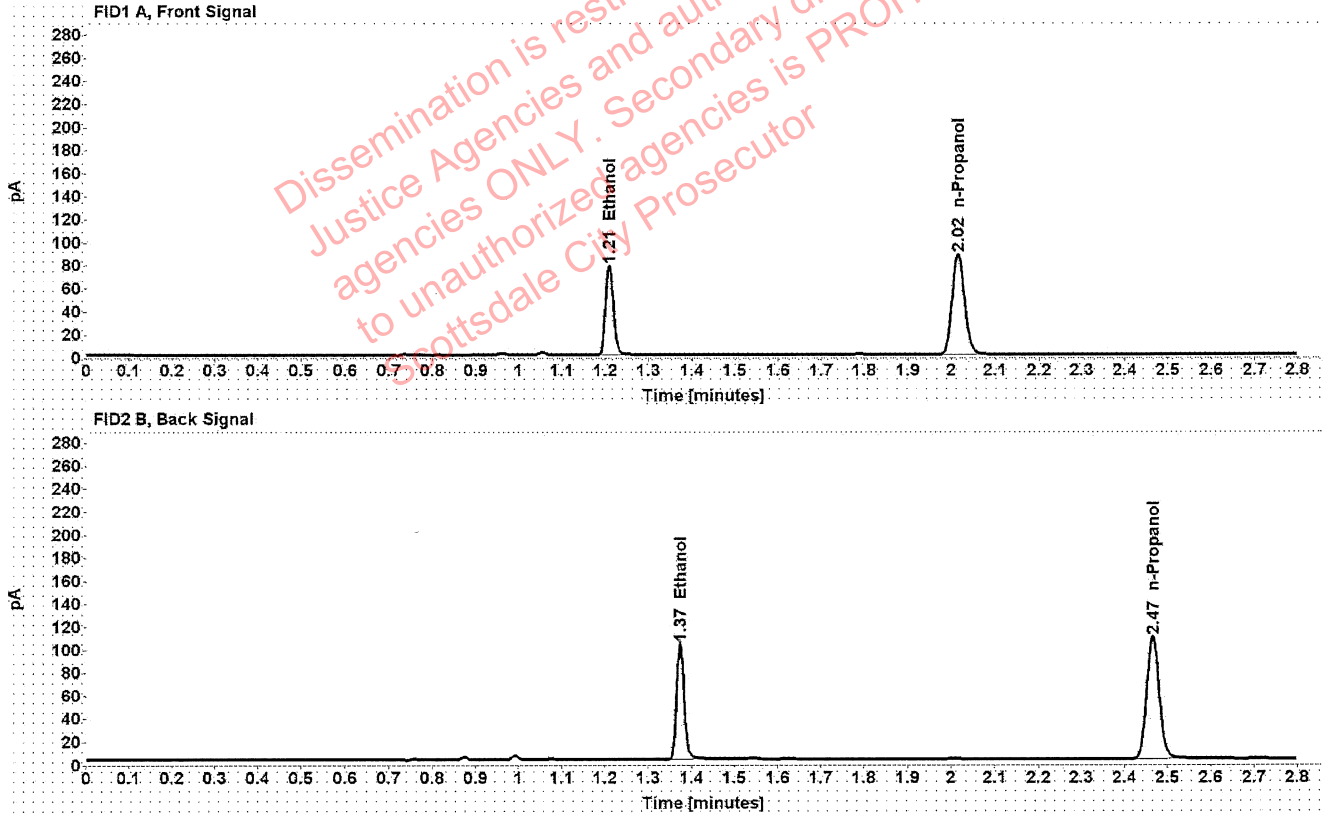


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1556	1.209	99.545
n-Propanol	-----	2.015	174.523

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

Compound	Time (min)	Peak Area
Ethanol	1.373	124.158
n-Propanol	2.466	215.982

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JW	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:19:52 PM
Data file:	C:\Chem32\1\Data\20Jul21\36.D	Analyst:	Abbott

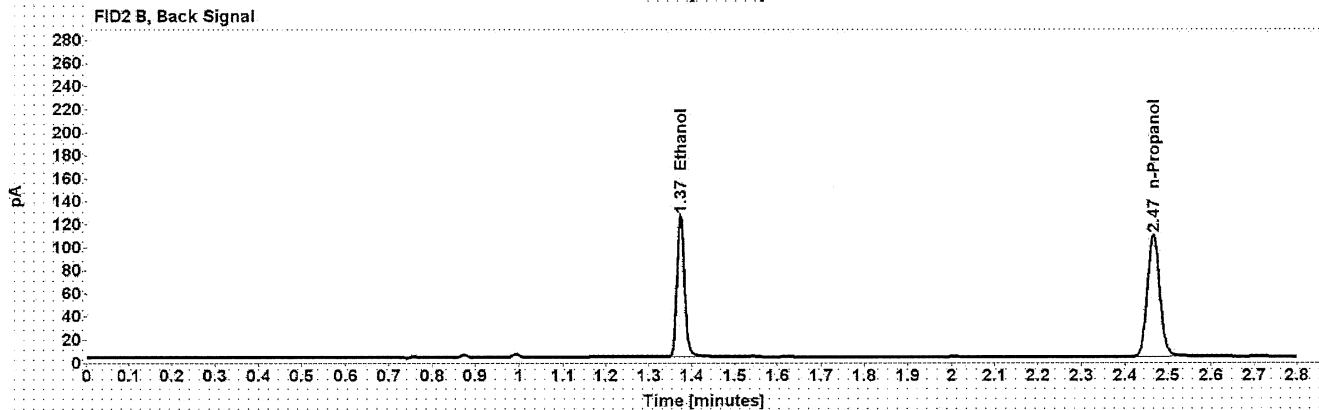
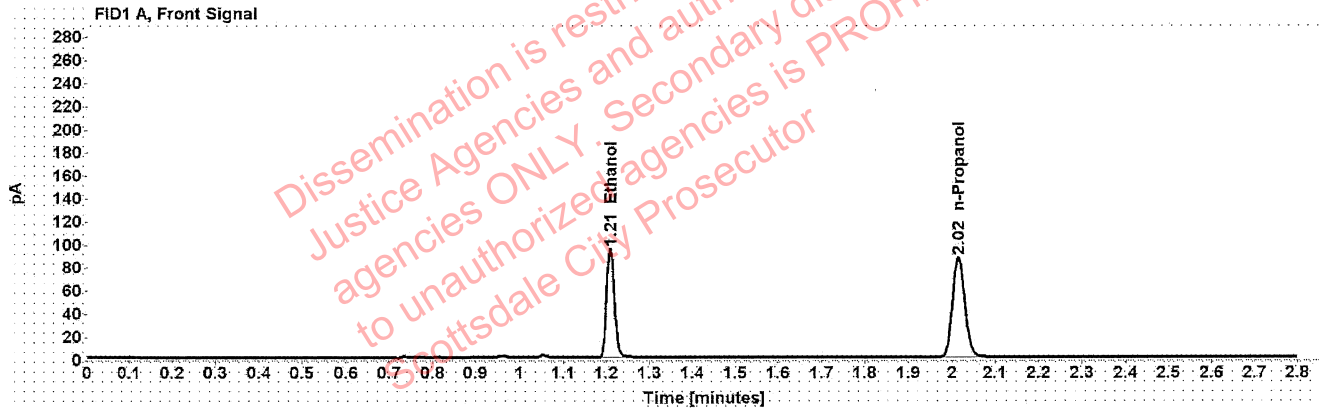


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1909	1.209	121.334
n-Propanol	-----	2.015	173.037

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

Compound	Time (min)	Peak Area
Ethanol	1.373	151.764
n-Propanol	2.466	214.365

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JW	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:24:07 PM
Data file:	C:\Chem32\1\Data\20Jul21\37.D	Analyst:	Abbott

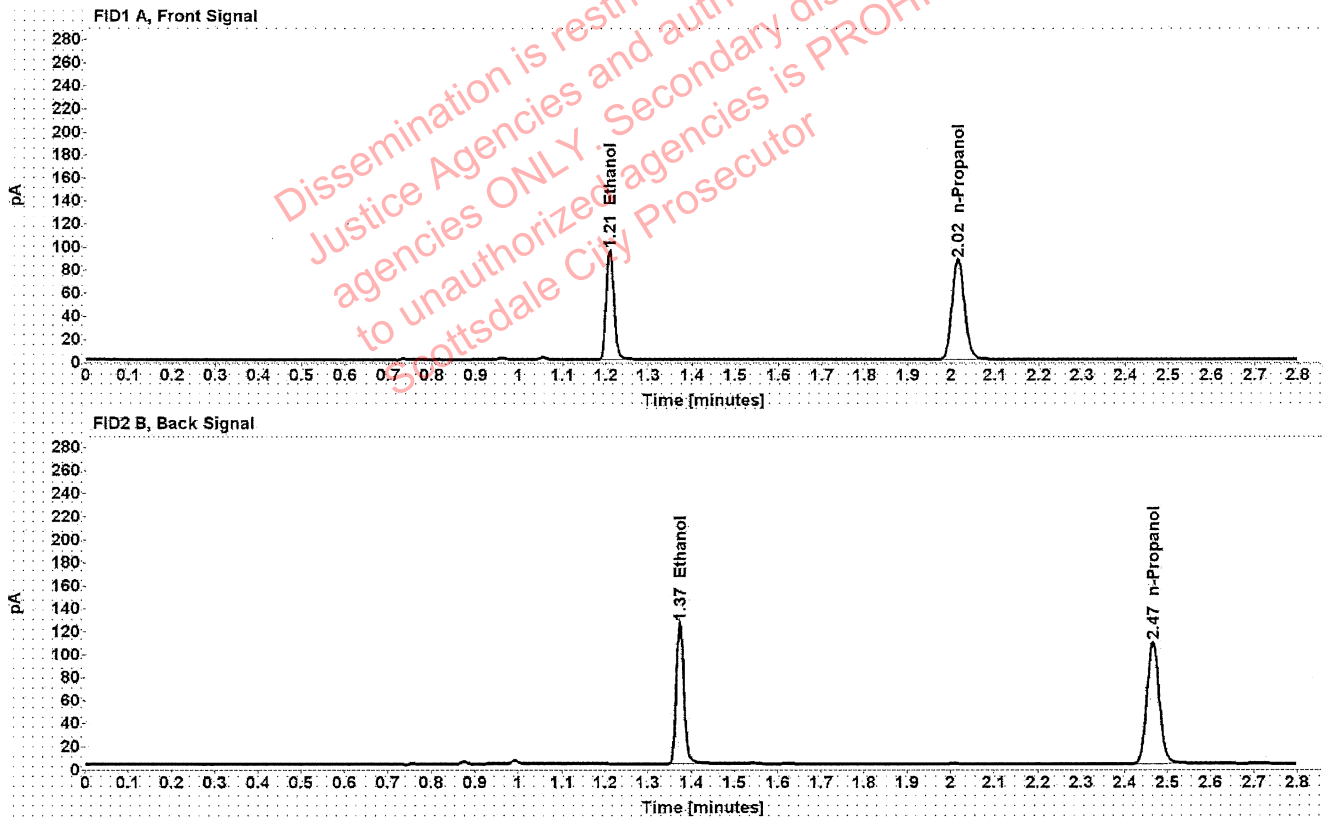


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1904	1.209	121.800
n-Propanol	-----	2.015	174.173

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

Compound	Time (min)	Peak Area
Ethanol	1.373	152.321
n-Propanol	2.466	215.151



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001RA	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:28:06 PM
Data file:	C:\Chem32\1\Data\20Jul21\38.D	Analyst:	Abbott

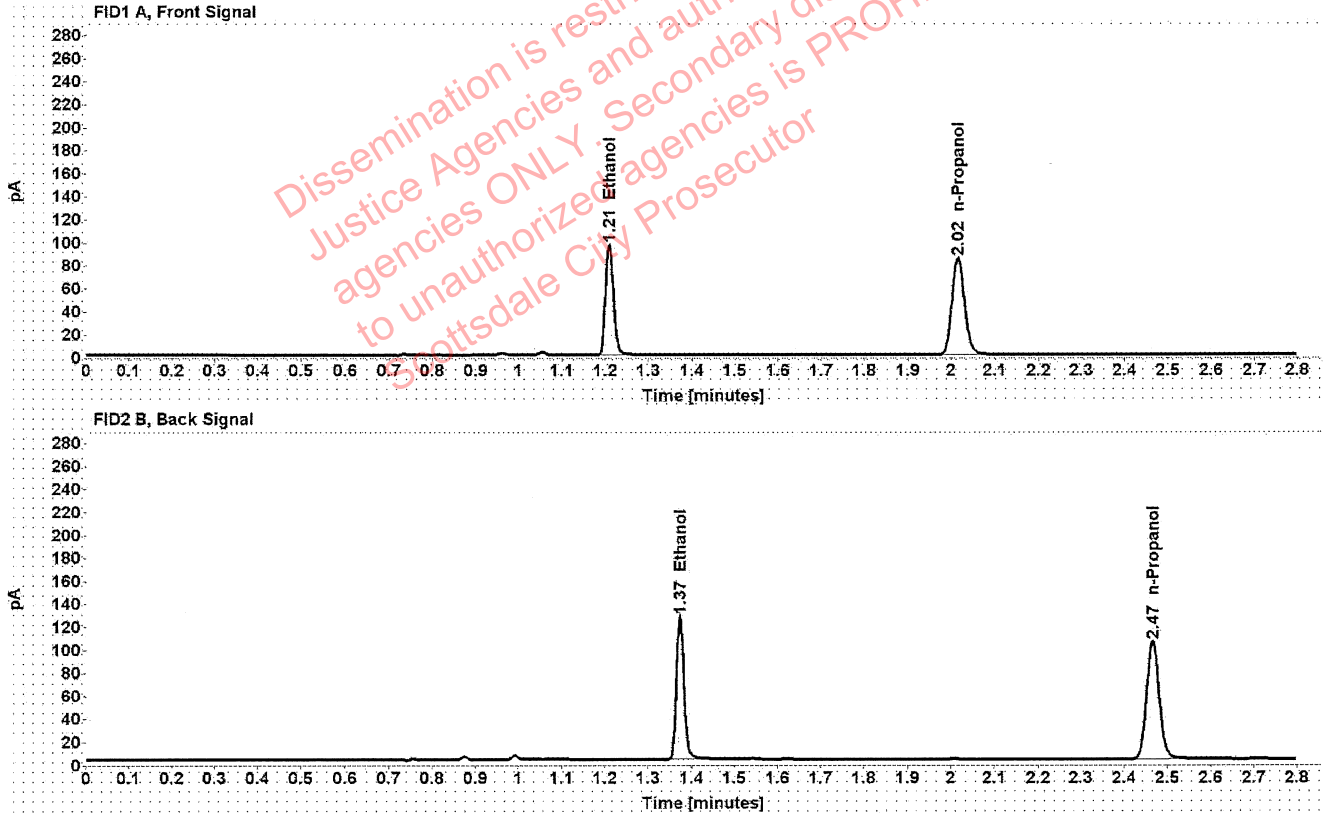


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1987	1.209	123.157
n-Propanol	-----	2.015	168.611

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

Compound	Time (min)	Peak Area
Ethanol	1.373	154.275
n-Propanol	2.466	208.756

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001RA	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:32:07 PM
Data file:	C:\Chem32\1\Data\20Jul21\39.D	Analyst:	Abbott

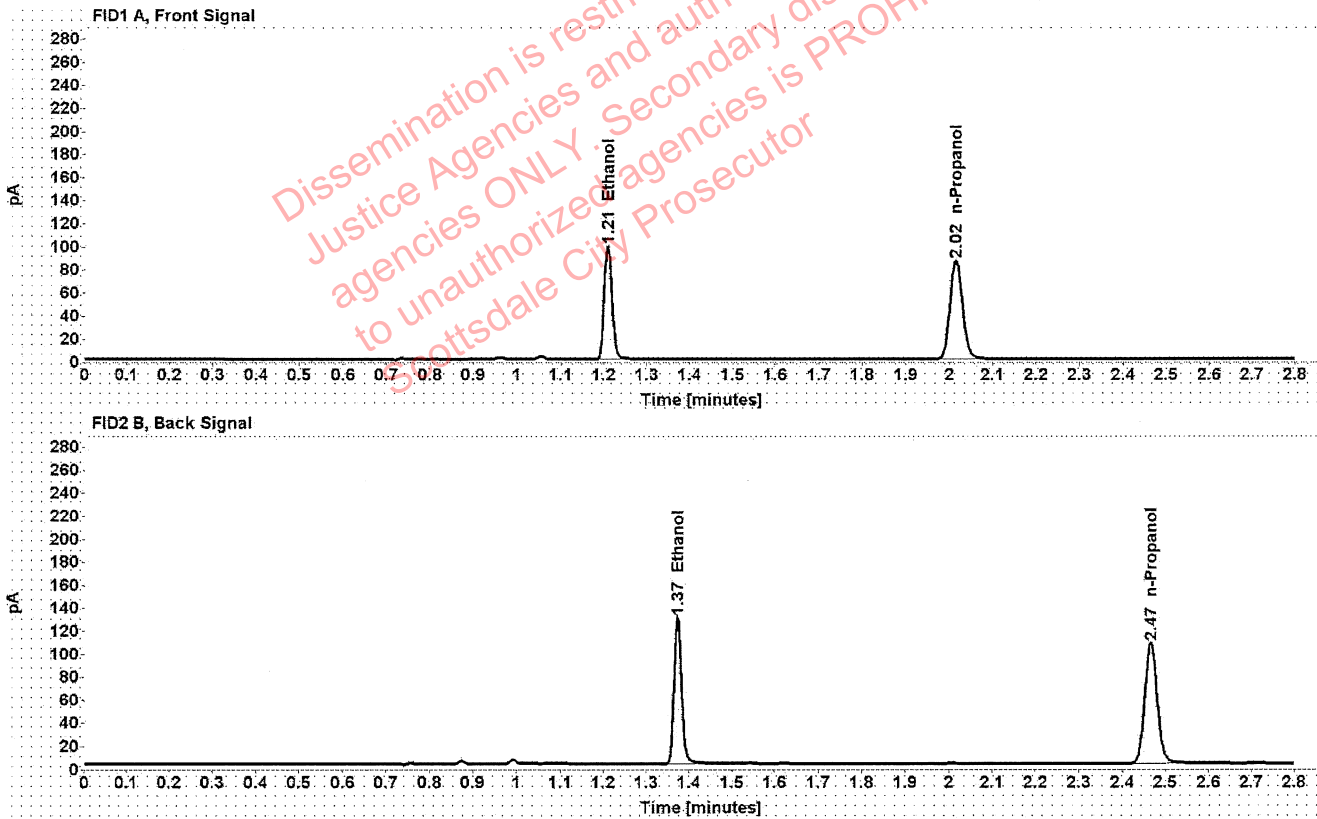


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1996	1.209	125.831
n-Propanol	-----	2.015	171.527

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

Compound	Time (min)	Peak Area
Ethanol	1.373	157.124
n-Propanol	2.466	212.047

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801GA	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:36:08 PM
Data file:	C:\Chem32\1\Data\20Jul21\40.D	Analyst:	Abbott

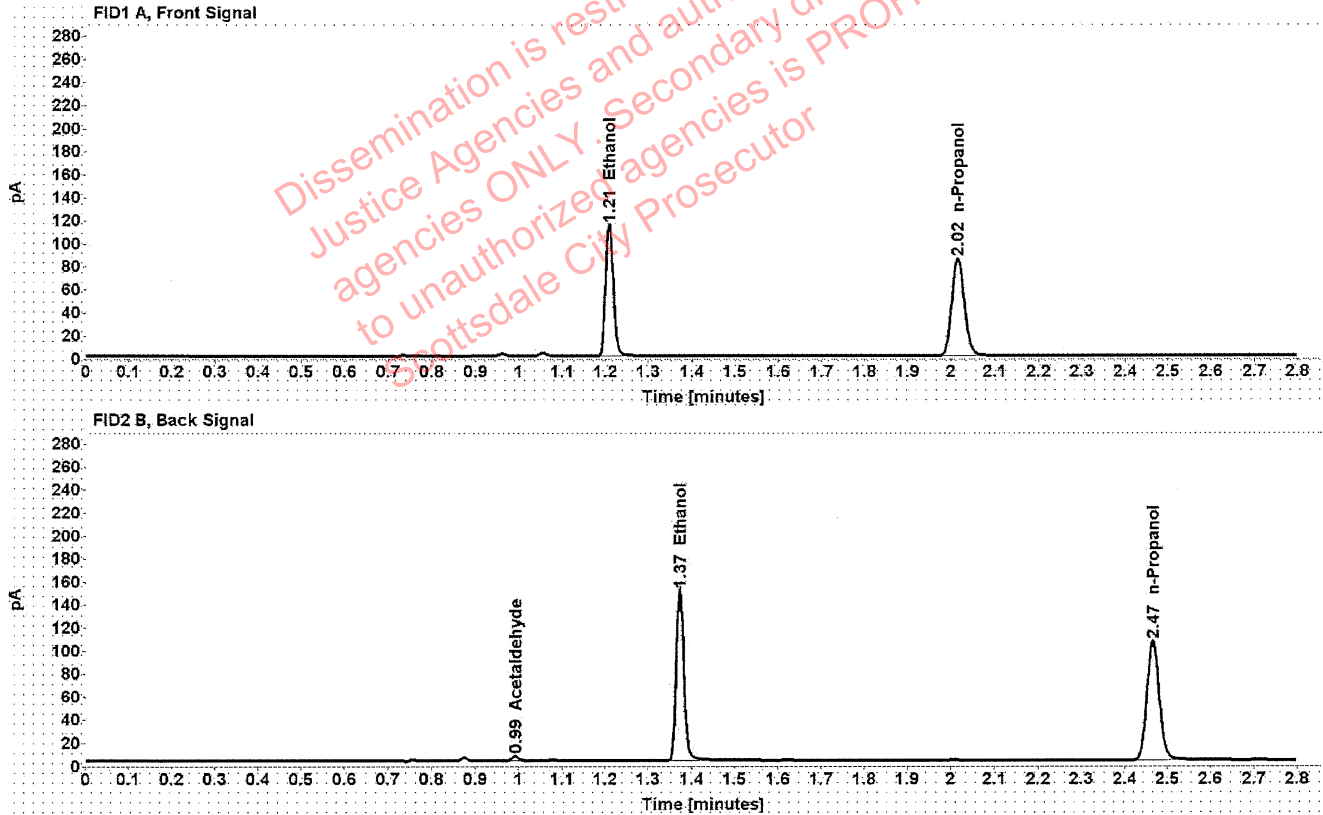


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2345	1.209	146.438
n-Propanol	-----	2.015	169.611

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.866
Ethanol	1.373	182.989
n-Propanol	2.466	209.700

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801GA	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:40:06 PM
Data file:	C:\Chem32\1\Data\20Jul21\41.D	Analyst:	Abbott

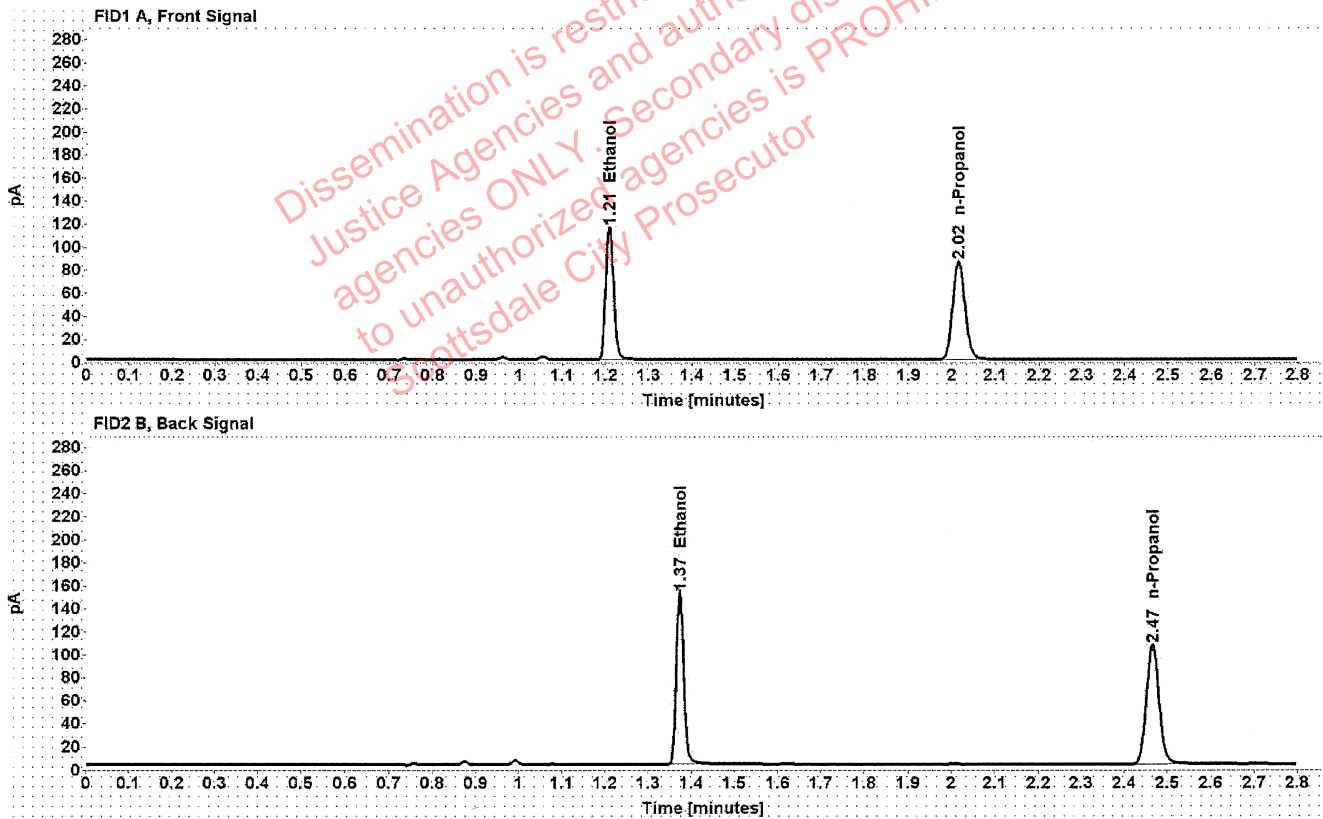


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2355	1.209	147.247
n-Propanol	-----	2.015	169.851

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

Compound	Time (min)	Peak Area
Ethanol	1.373	183.982
n-Propanol	2.466	210.229

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801PS	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:48:21 PM
Data file:	C:\Chem32\1\Data\20Jul21\43.D	Analyst:	Abbott

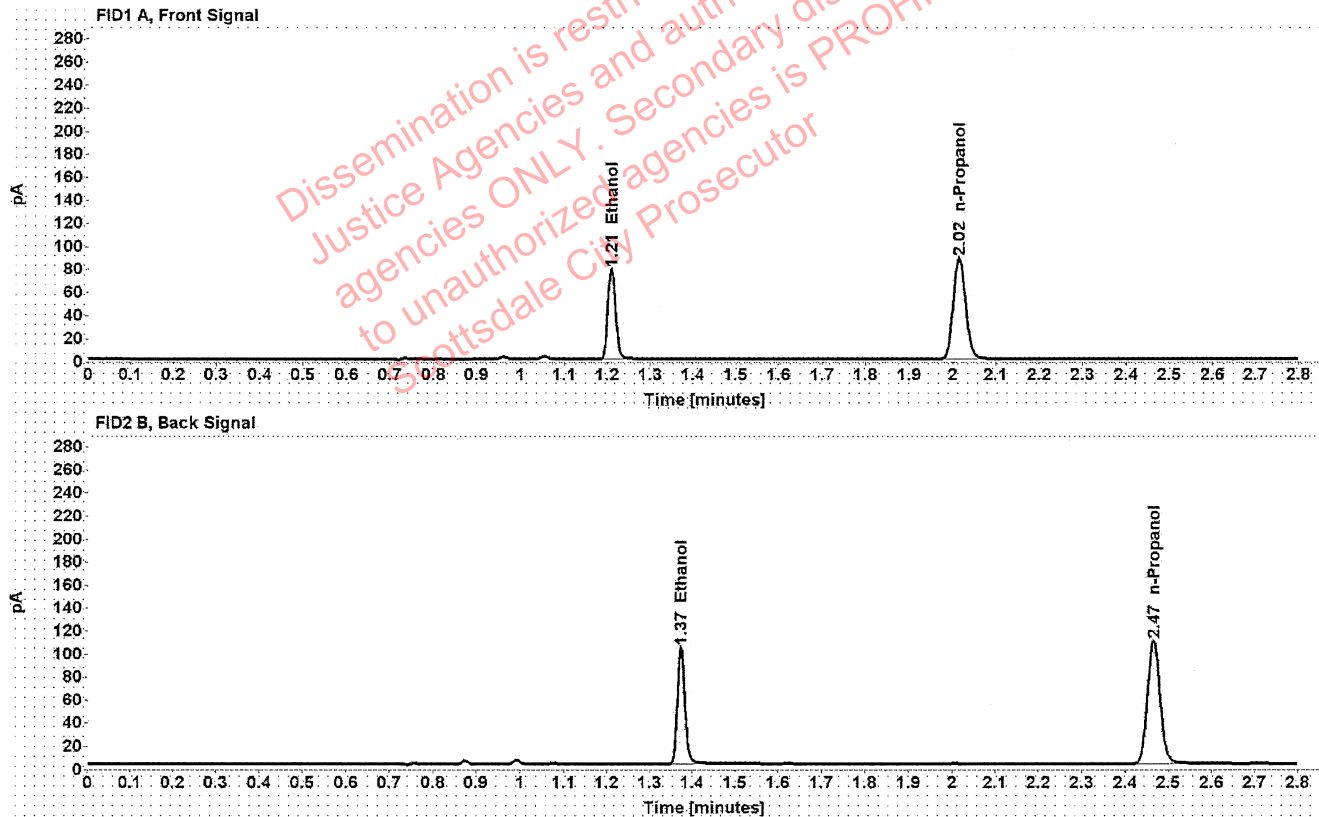


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1563	1.209	100.376
n-Propanol	-----	2.015	175.178

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

Compound	Time (min)	Peak Area
Ethanol	1.373	125.087
n-Propanol	2.466	216.805

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801PS	Vial:	44
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:52:24 PM
Data file:	C:\Chem32\1\Data\20Jul21\44.D	Analyst:	Abbott

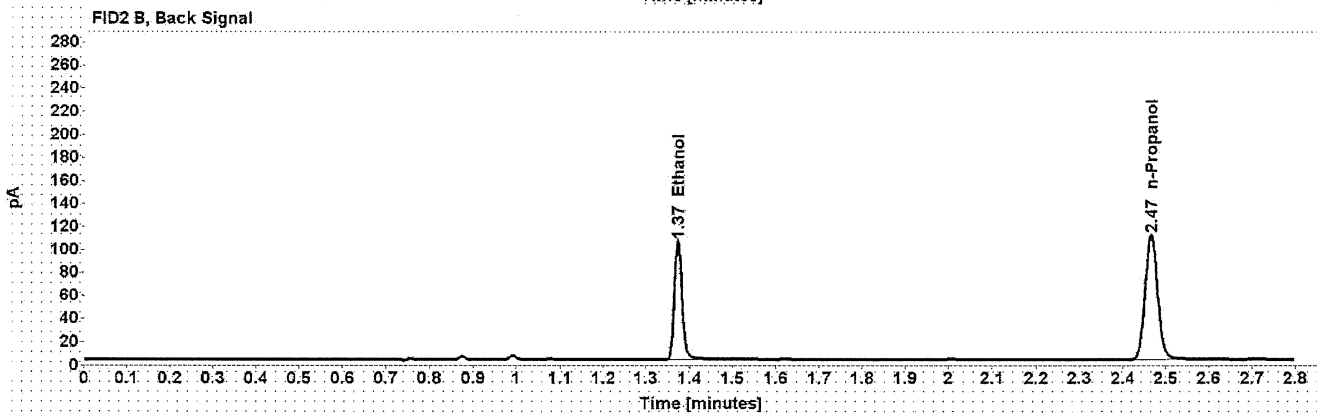
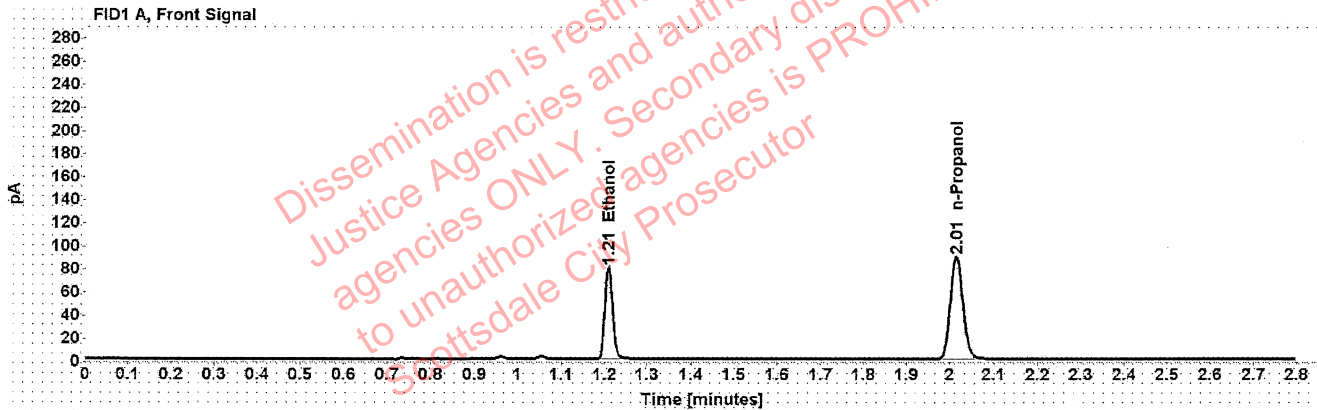


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1567	1.209	102.059
n-Propanol	-----	2.015	177.725

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

Compound	Time (min)	Peak Area
Ethanol	1.373	127.733
n-Propanol	2.466	220.096

[REDACTED]: Abbott, Lori - (21-Jul-2021)

Case: [REDACTED] User: LAbbott 7/21/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18601CM	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 5:56:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\45.D	Analyst:	Abbott

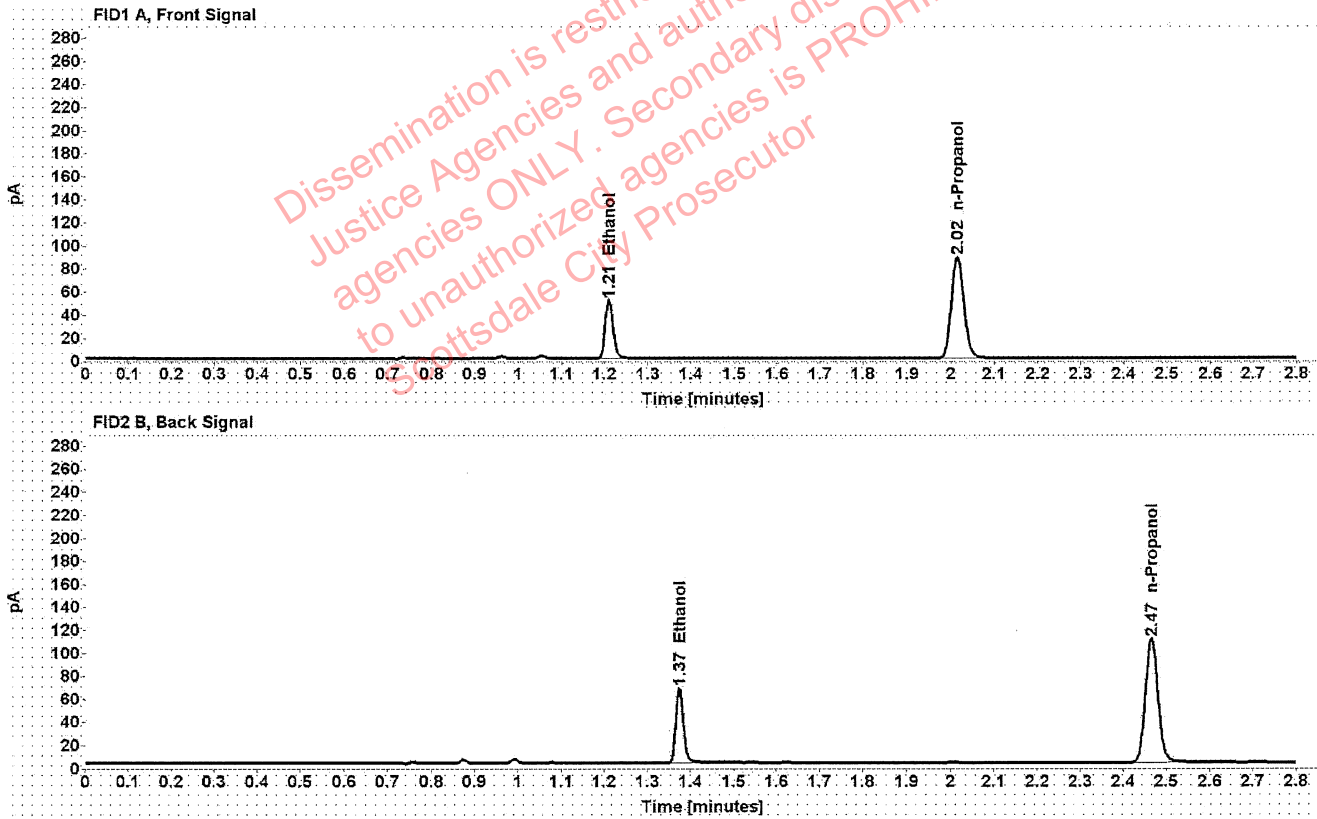


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.210	64.858
n-Propanol	-----	2.015	175.937

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

Compound	Time (min)	Peak Area
Ethanol	1.374	80.412
n-Propanol	2.466	217.972

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 18601CM	Vial: 46
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 20Jul21
Instrument: US14173023 CN14160045	Injection date: 7/20/2021 6:00:21 PM
Data file: C:\Chem32\1\Data\20Jul21\46.D	Analyst: Abbott

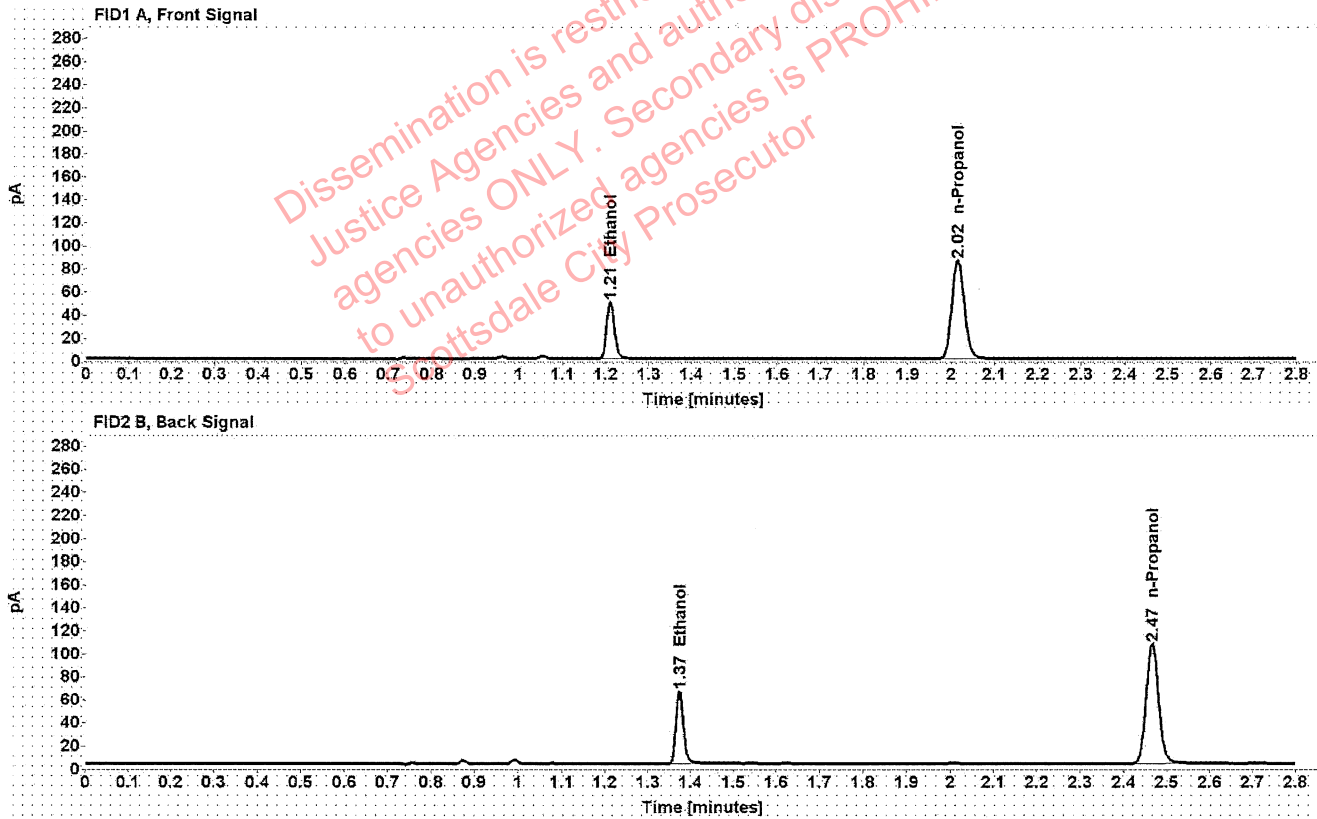


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.210	62.786
n-Propanol	-----	2.015	170.879

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.879
n-Propanol	2.466	211.514



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38701VS	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:04:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\47.D	Analyst:	Abbott

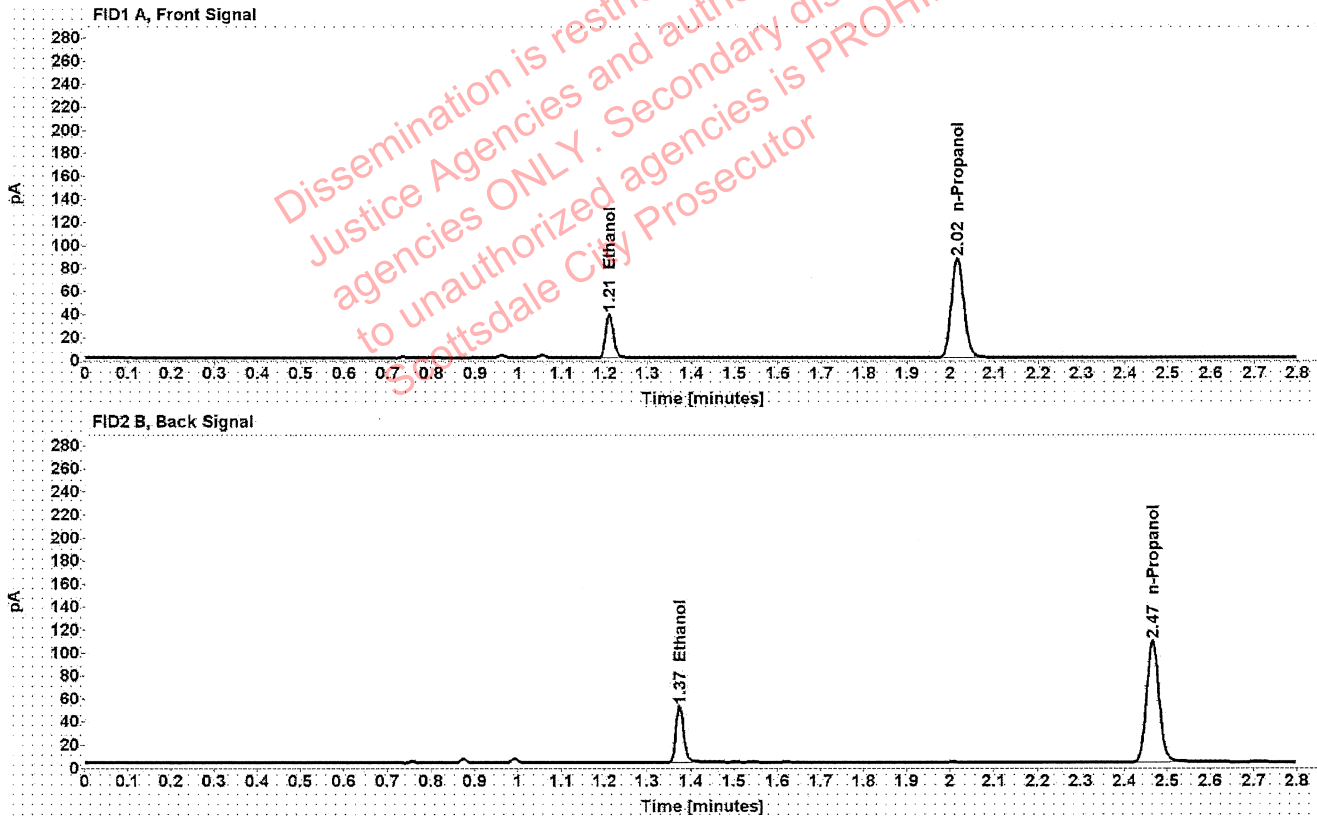


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0782	1.210	48.990
n-Propanol	-----	2.015	173.210

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.462
n-Propanol	2.466	214.678

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38701VS	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:08:22 PM
Data file:	C:\Chem32\1\Data\20Jul21\48.D	Analyst:	Abbott

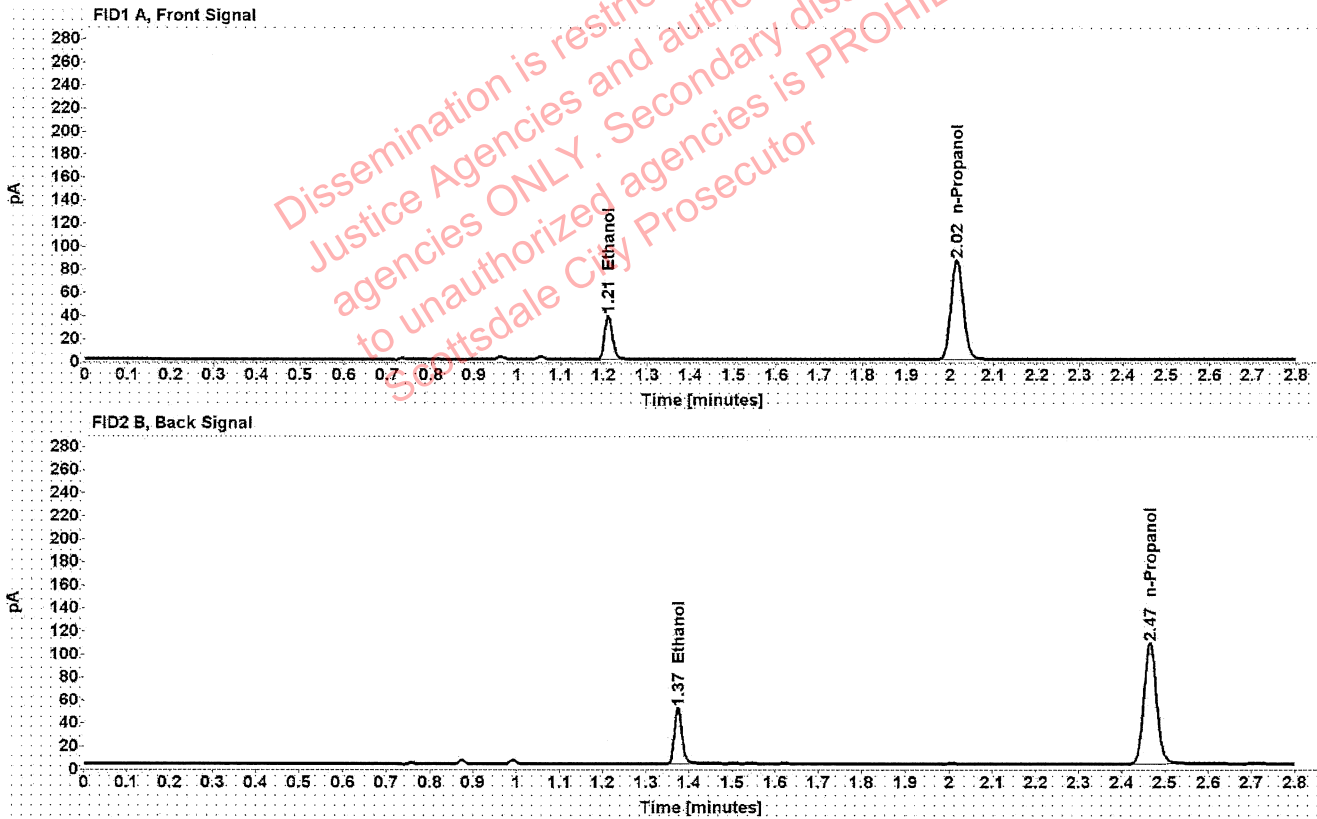


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0779	1.210	48.630
n-Propanol	-----	2.015	172.656

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.190
n-Propanol	2.466	213.948

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DH	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:12:38 PM
Data file:	C:\Chem32\1\Data\20Jul21\49.D	Analyst:	Abbott

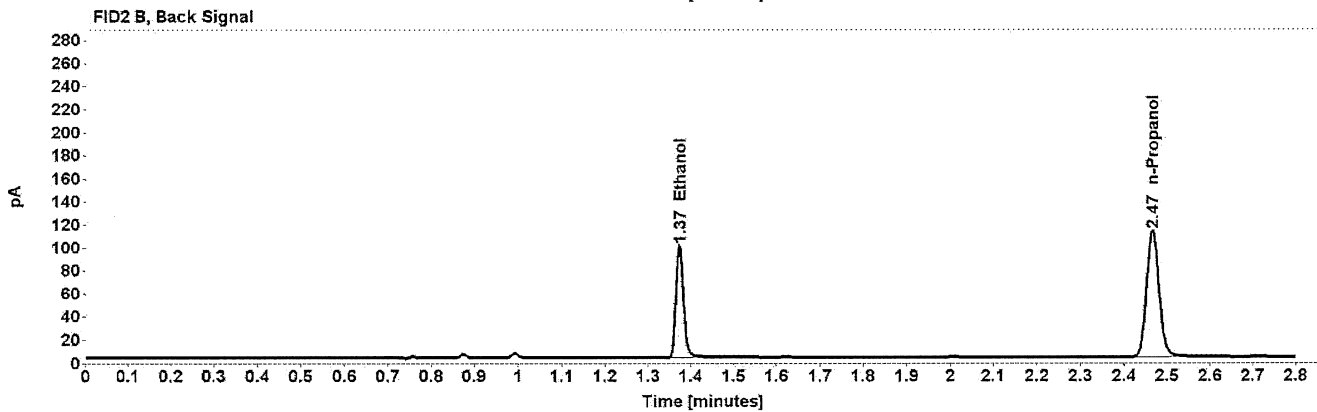
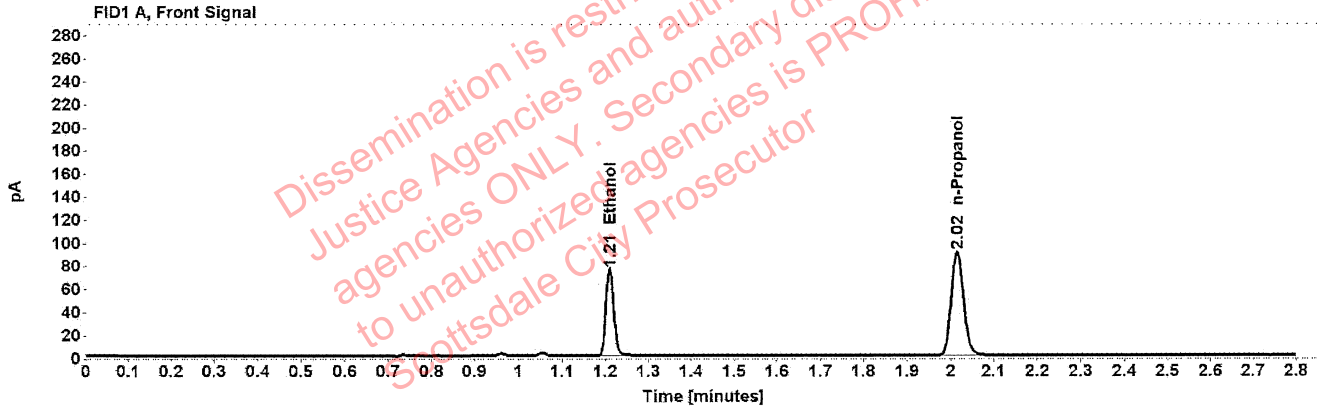


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1469	1.210	96.444
n-Propanol	-----	2.015	179.339

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.863
n-Propanol	2.466	222.399

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DH	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:16:36 PM
Data file:	C:\Chem32\1\Data\20Jul21\50.D	Analyst:	Abbott

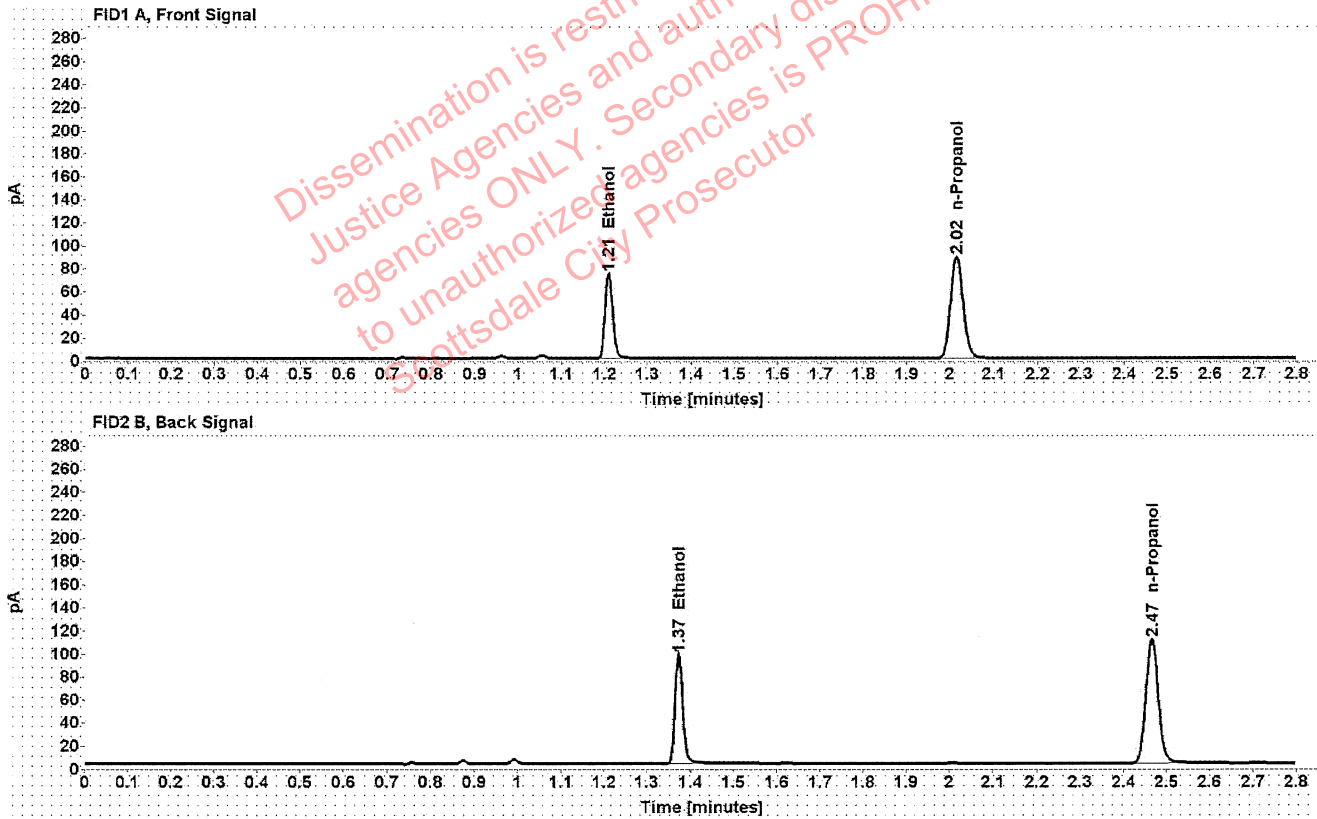


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1460	1.210	94.501
n-Propanol	-----	2.015	176.775

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.513
n-Propanol	2.466	219.084

: Abbott, Lori - (21-Jul-2021)

Case: [REDACTED] User: LAbbott 7/21/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381265	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:20:37 PM
Data file:	C:\Chem32\1\Data\20Jul21\51.D	Analyst:	Abbott

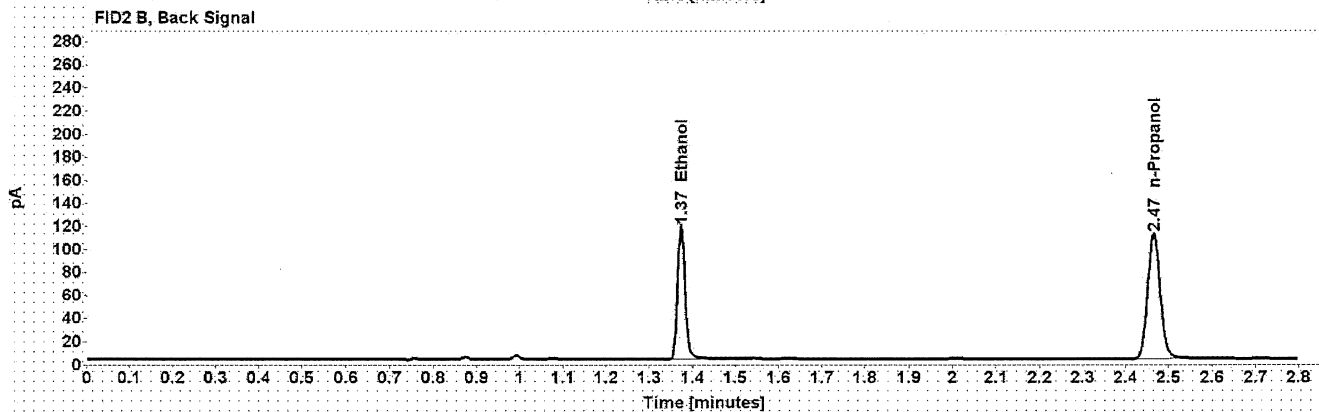
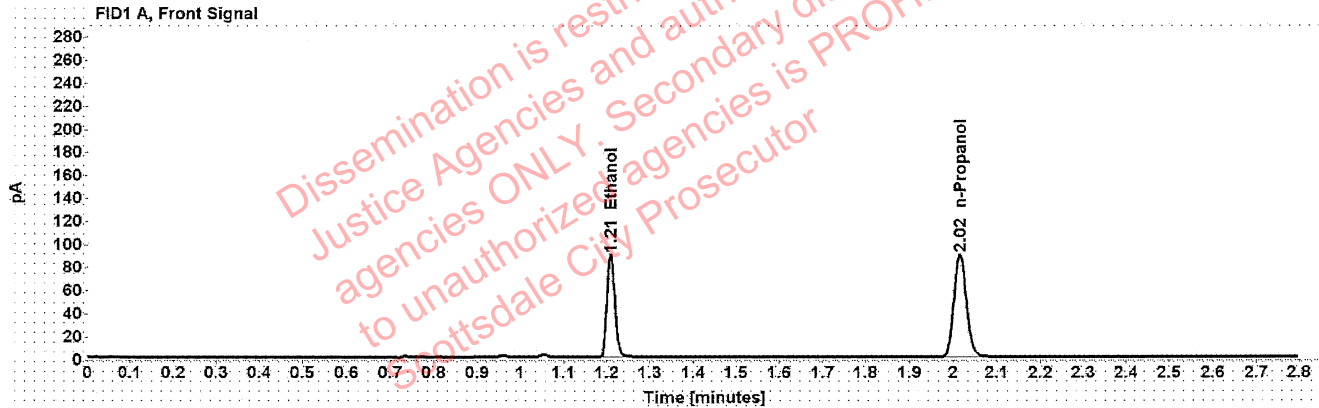


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1743	1.209	113.855
n-Propanol	-----	2.015	177.999

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

Compound	Time (min)	Peak Area
Ethanol	1.373	143.400
n-Propanol	2.466	220.534

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381265	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/20/2021 6:24:38 PM
Data file:	C:\Chem32\1\Data\20Jul21\52.D	Analyst:	Abbott

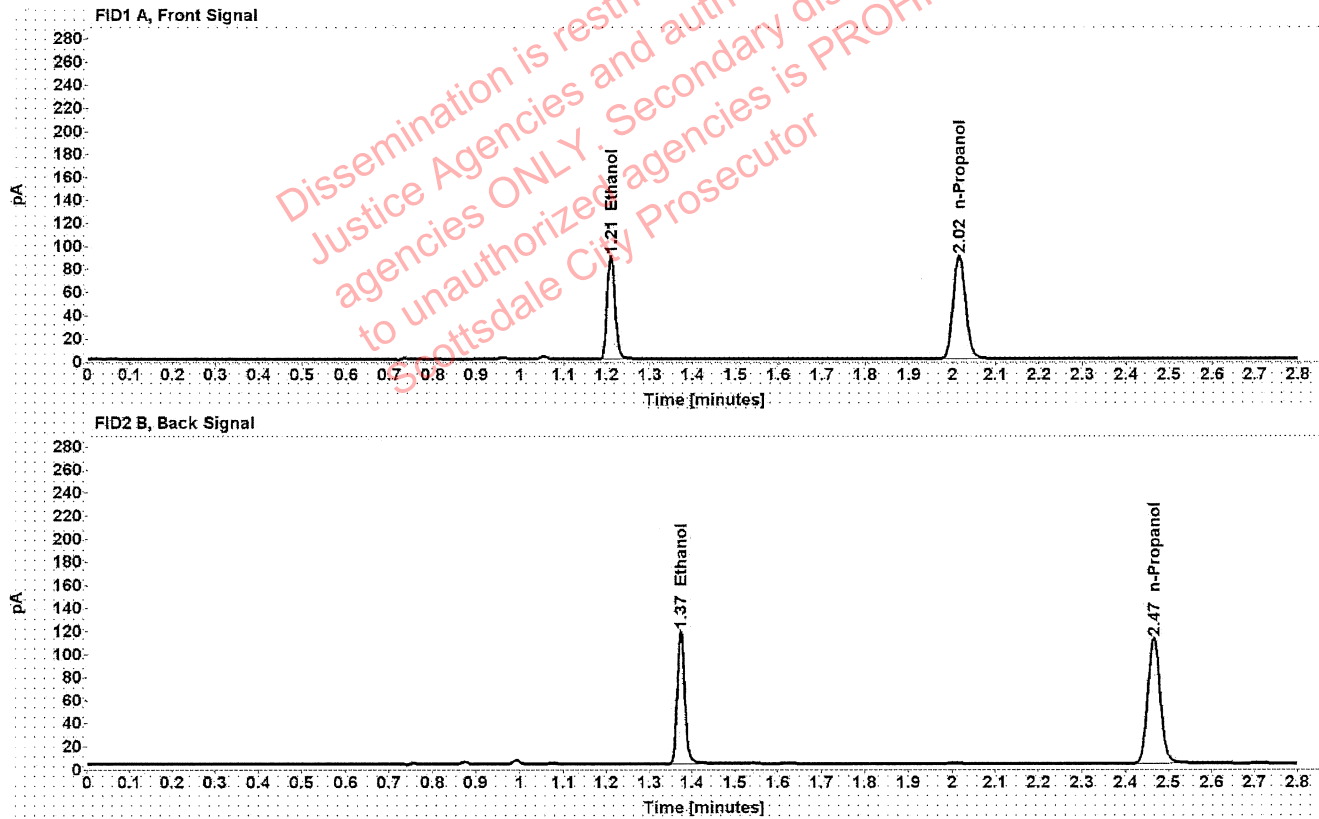


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1747	1.209	114.562
n-Propanol	-----	2.015	178.658

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

Compound	Time (min)	Peak Area
Ethanol	1.373	144.401
n-Propanol	2.466	221.373