

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/14/2021 SEQUENCE NAME 14Jul21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 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 062421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 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	0.080 g/dL	Lipomed 20012020-B
42	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
53	Aqueous control	0.400 g/dL	0.402 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 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This batch includes verification of a new whole blood control lot.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

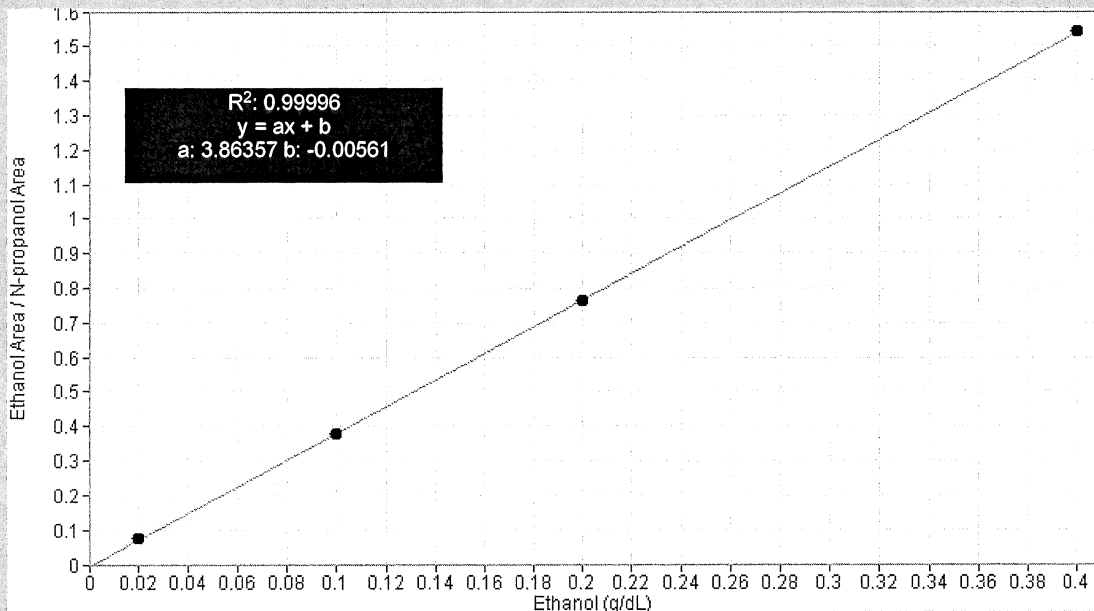
SEQUENCE NAME: 14Jul21

ANALYST: Abbott *Abbott*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 062421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.399	0.400	-0.25	-0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
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	0.080	0.080	0.00	0.000
0.200 4101018274/9	42	0.203	0.200	1.50	0.003
0.400 11092018-A	53	0.402	0.400	0.50	0.002
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 111020VWB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.340	162.463	0.076
0.100	60.859	160.873	0.378
0.200	116.238	152.420	0.763
0.400	236.138	153.092	1.543

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	14Jul21
Method:	ethanol quant.M	Injection date:	7/14/2021 2:54:33 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\14Jul21\1.D		

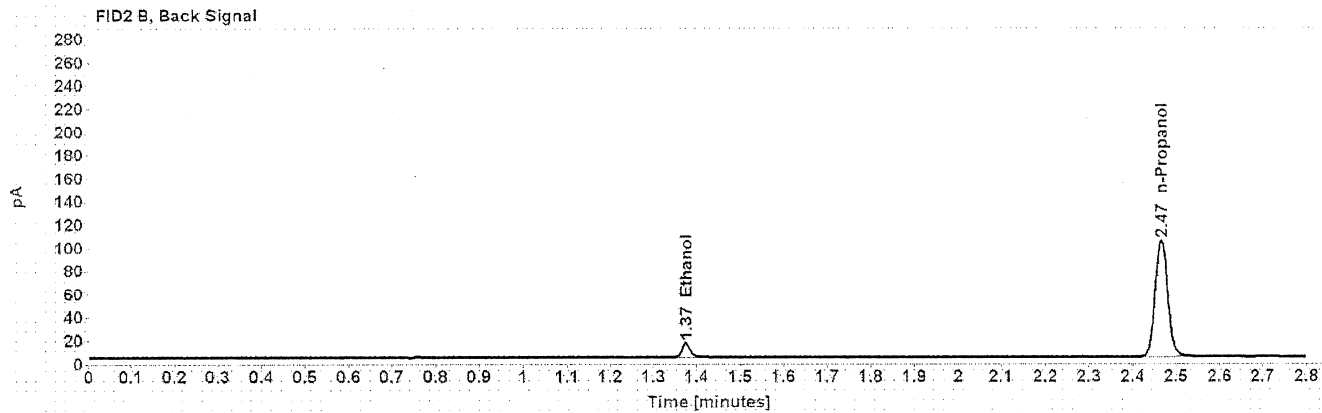
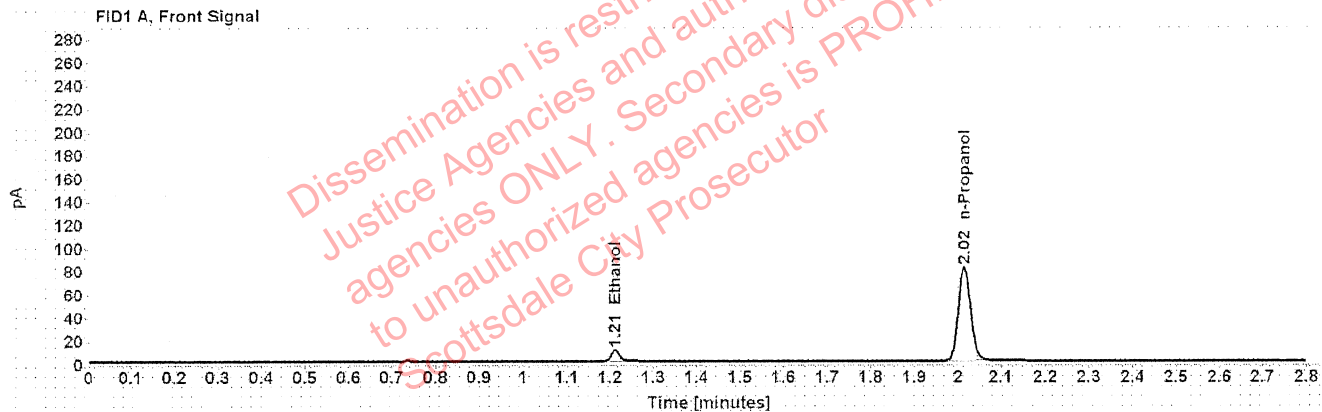


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.340
n-Propanol	2.015	162.463

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

Compound	Time (min)	Peak Area
Ethanol	1.375	15.433
n-Propanol	2.465	202.878

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 14Jul21
Method: ethanol quant.M	Injection date: 7/14/2021 2:58:33 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\14Jul21\2.D	

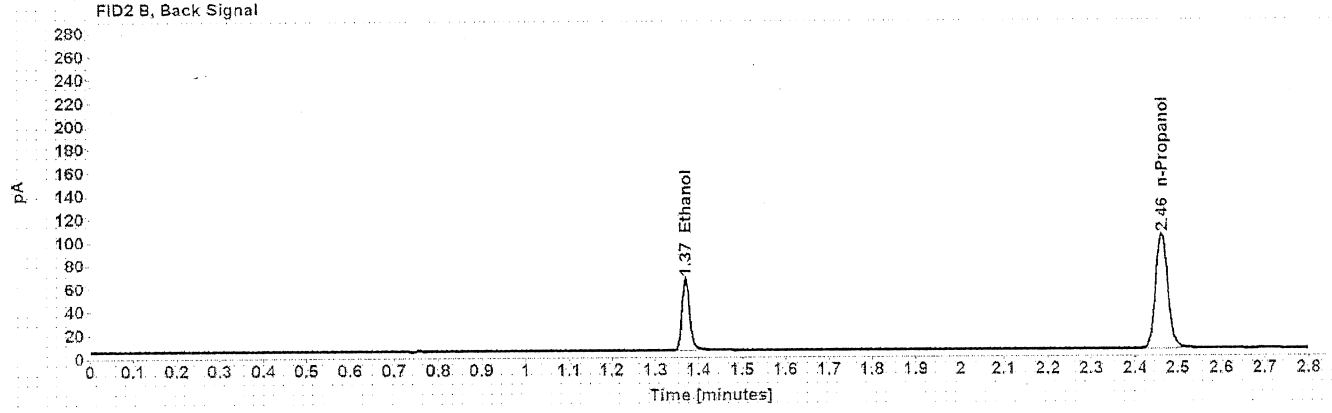
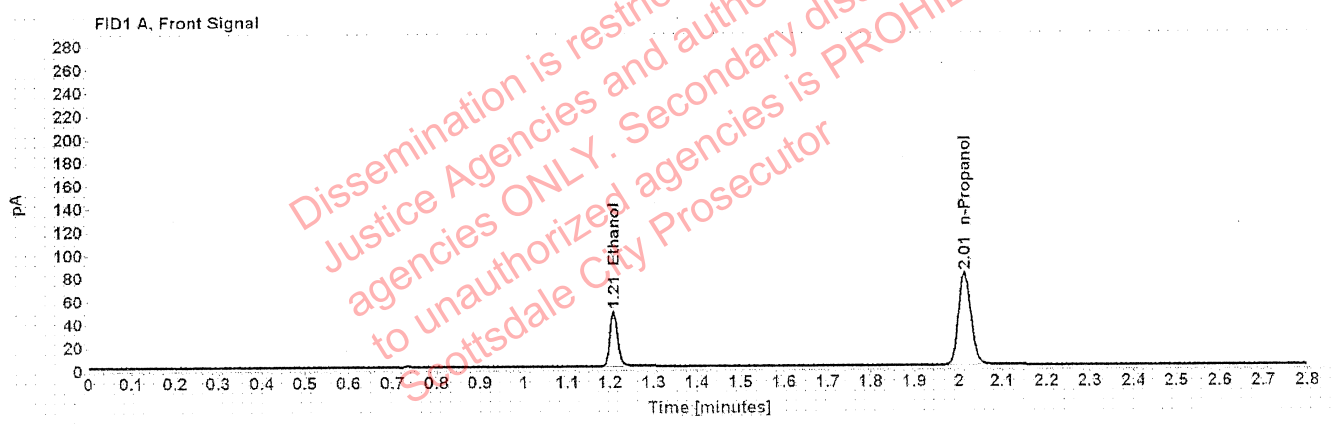


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	60.859
n-Propanol	2.013	160.873

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

Compound	Time (min)	Peak Area
Ethanol	1.370	76.258
n-Propanol	2.462	200.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 14Jul21
Method: ethanol quant.M	Injection date: 7/14/2021 3:02:32 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>gh</i>
Data file: C:\Chem32\1\Data\14Jul21\3.D	

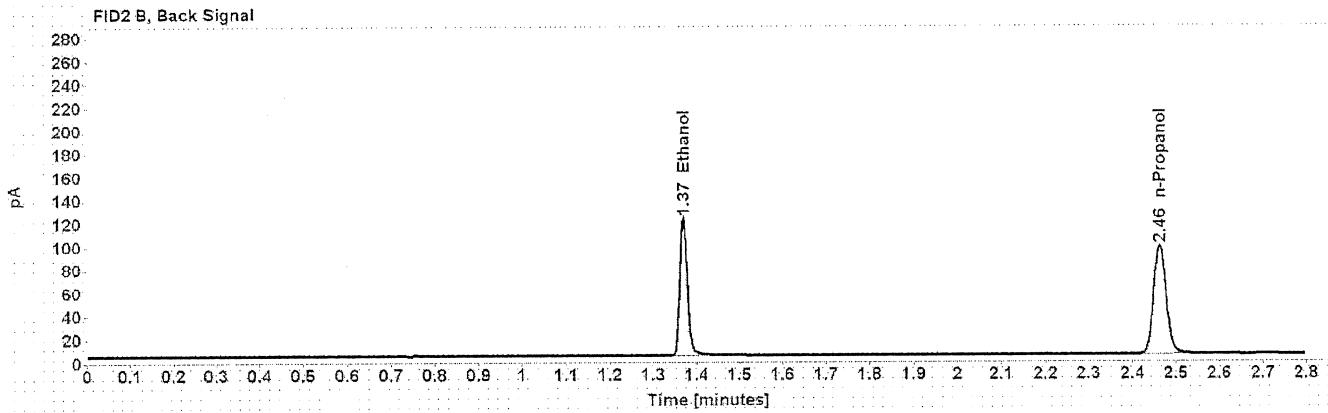
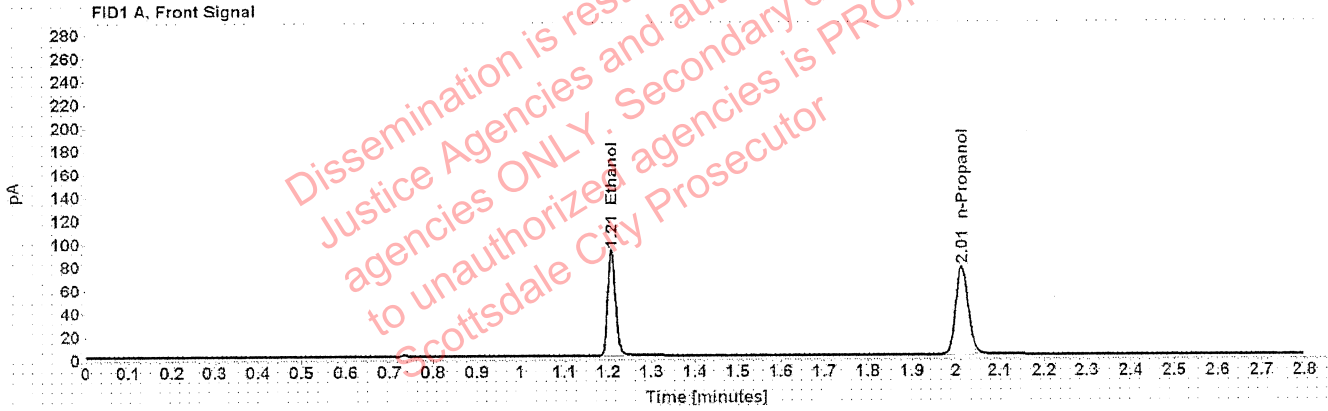


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	116.238
n-Propanol	2.013	152.420

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

Compound	Time (min)	Peak Area
Ethanol	1.370	145.869
n-Propanol	2.463	189.666

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 14Jul21
Method: ethanol quant.M	Injection date: 7/14/2021 3:06:33 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem321\Data\14Jul21\4.D	

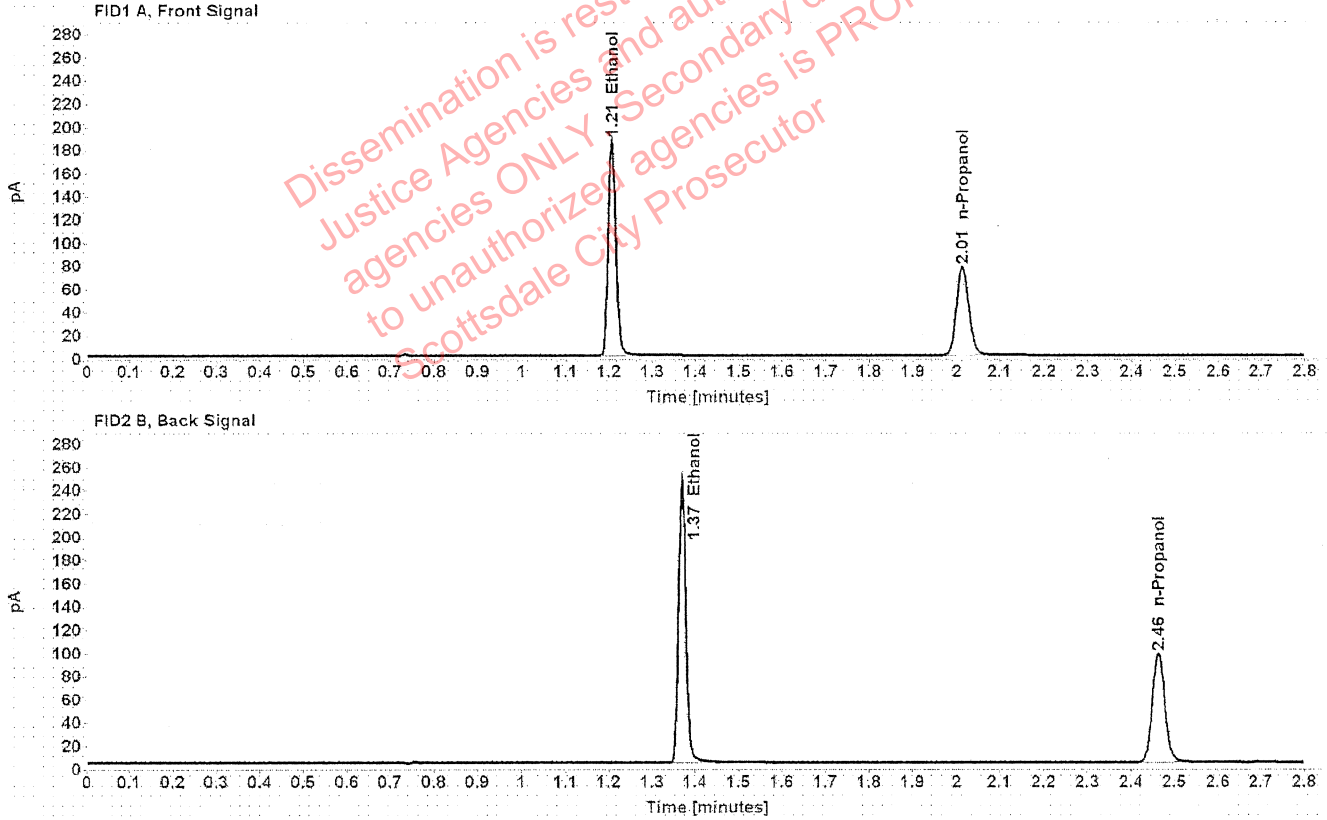


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	236.138
n-Propanol	2.014	153.092

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

Compound	Time (min)	Peak Area
Ethanol	1.370	296.749
n-Propanol	2.463	190.577

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 062421AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 3:10:33 PM
Data file: C:\Chem32\1\Data\14Jul21\5.D	Analyst: Abbott <i>JA</i>

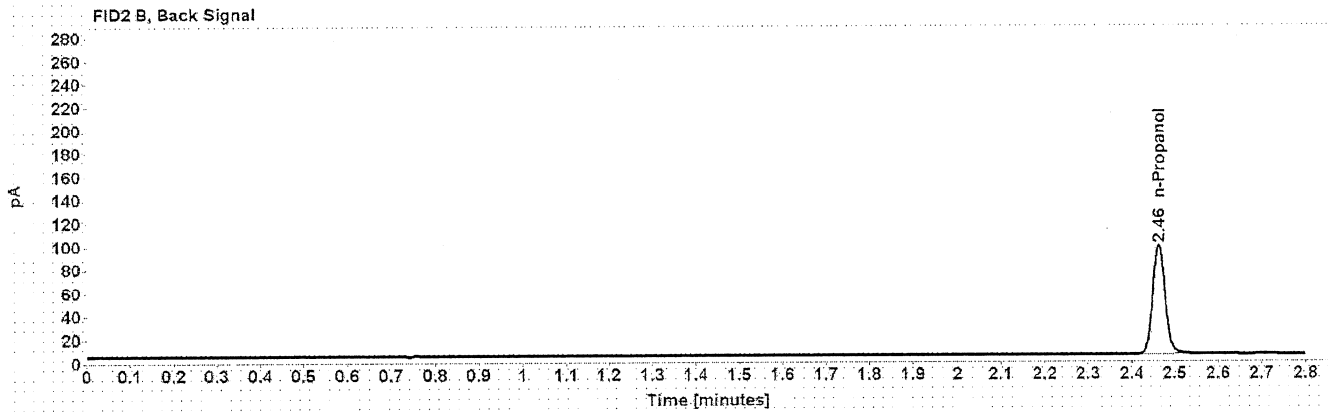
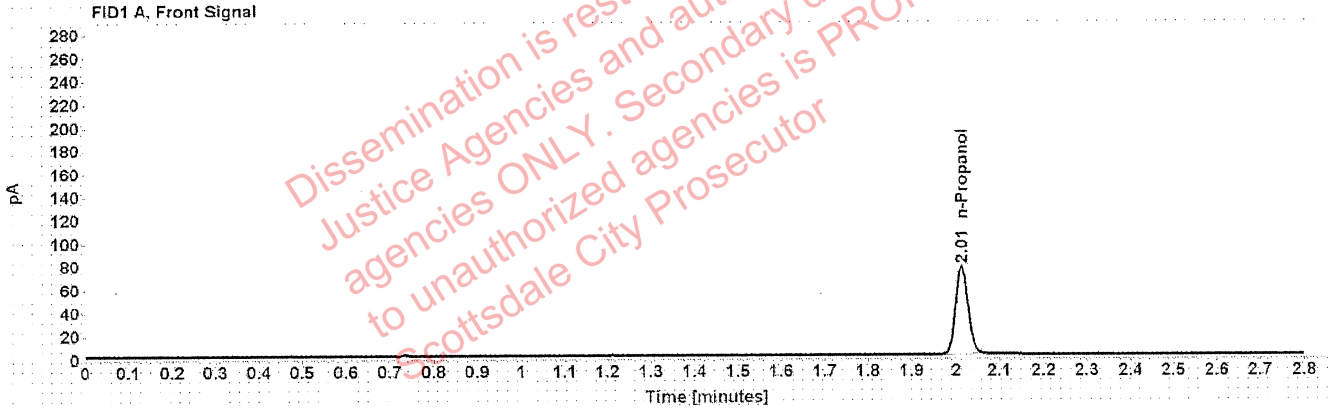


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	152.231

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

Compound	Time (min)	Peak Area
n-Propanol	2.463	189.316

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 3:14:33 PM
Data file: C:\Chem32\1\Data\14Jul21\6.D	Analyst: Abbott

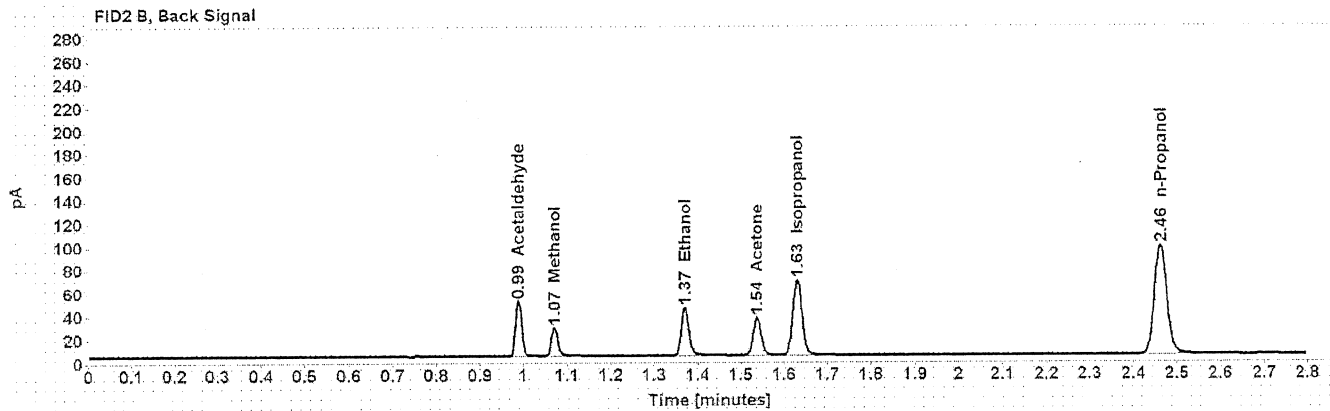
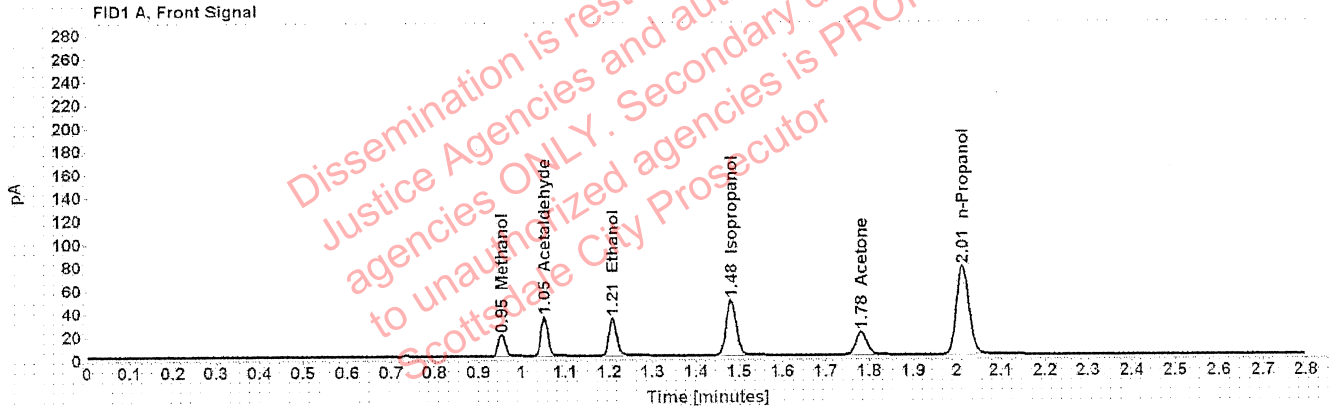


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.954	20.554
Acetaldehyde	-----	1.052	36.642
>Ethanol	0.0712	1.208	41.173
Isopropanol	-----	1.480	76.196
Acetone	-----	1.781	34.073
n-Propanol	-----	2.012	152.686

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	47.165
Methanol	1.072	26.231
Ethanol	1.370	51.520
Acetone	1.537	42.591
Isopropanol	1.632	97.658
n-Propanol	2.462	189.878

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:18:48 PM
Data file:	C:\Chem32\1\Data\14Jul21\7.D	Analyst:	Abbott <i>JA</i>

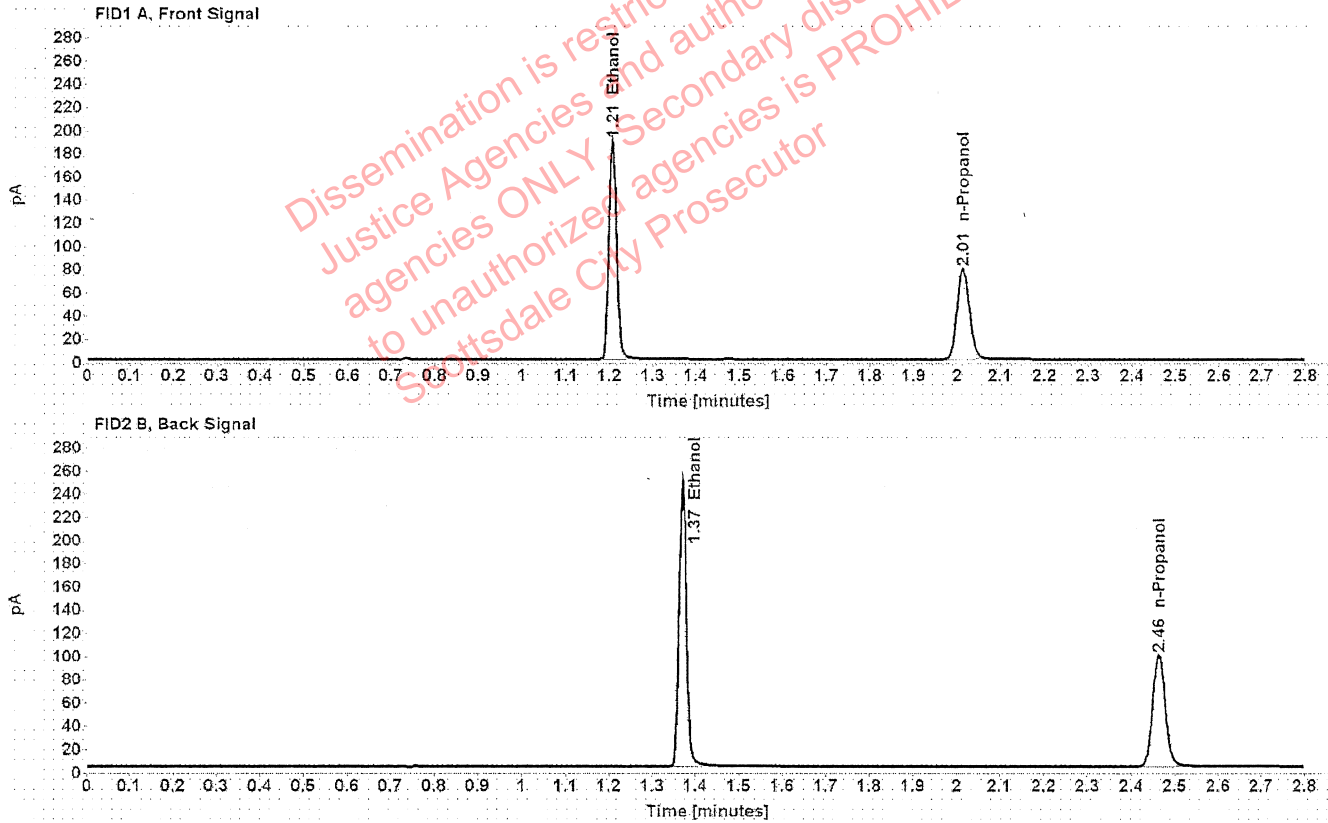


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3997	1.207	241.115
n-Propanol	-----	2.014	156.723

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

Compound	Time (min)	Peak Area
Ethanol	1.370	302.880
n-Propanol	2.463	195.019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 3:22:47 PM
Data file: C:\Chem32\1\Data\14Jul21\8.D	Analyst: Abbott gh

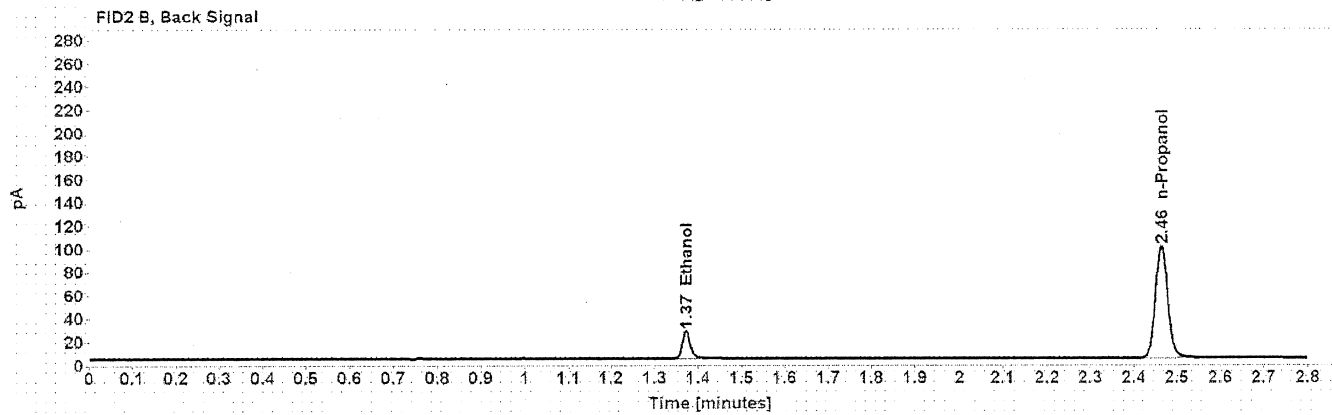
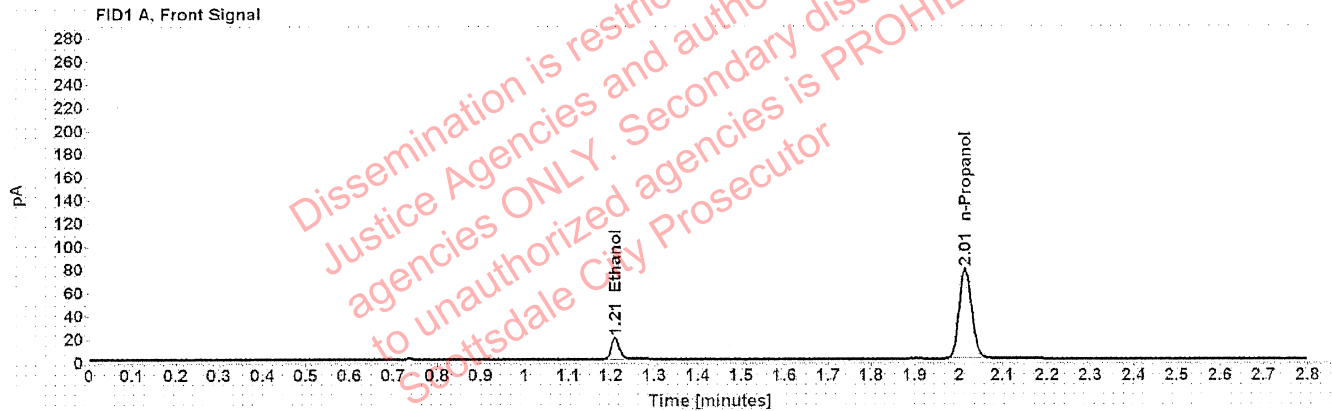


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.210	23.823
n-Propanol	-----	2.014	156.705

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

Compound	Time (min)	Peak Area
Ethanol	1.372	29.752
n-Propanol	2.464	194.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 3:26:48 PM
Data file: C:\Chem32\1\Data\14Jul21\9.D	Analyst: Abbott AK

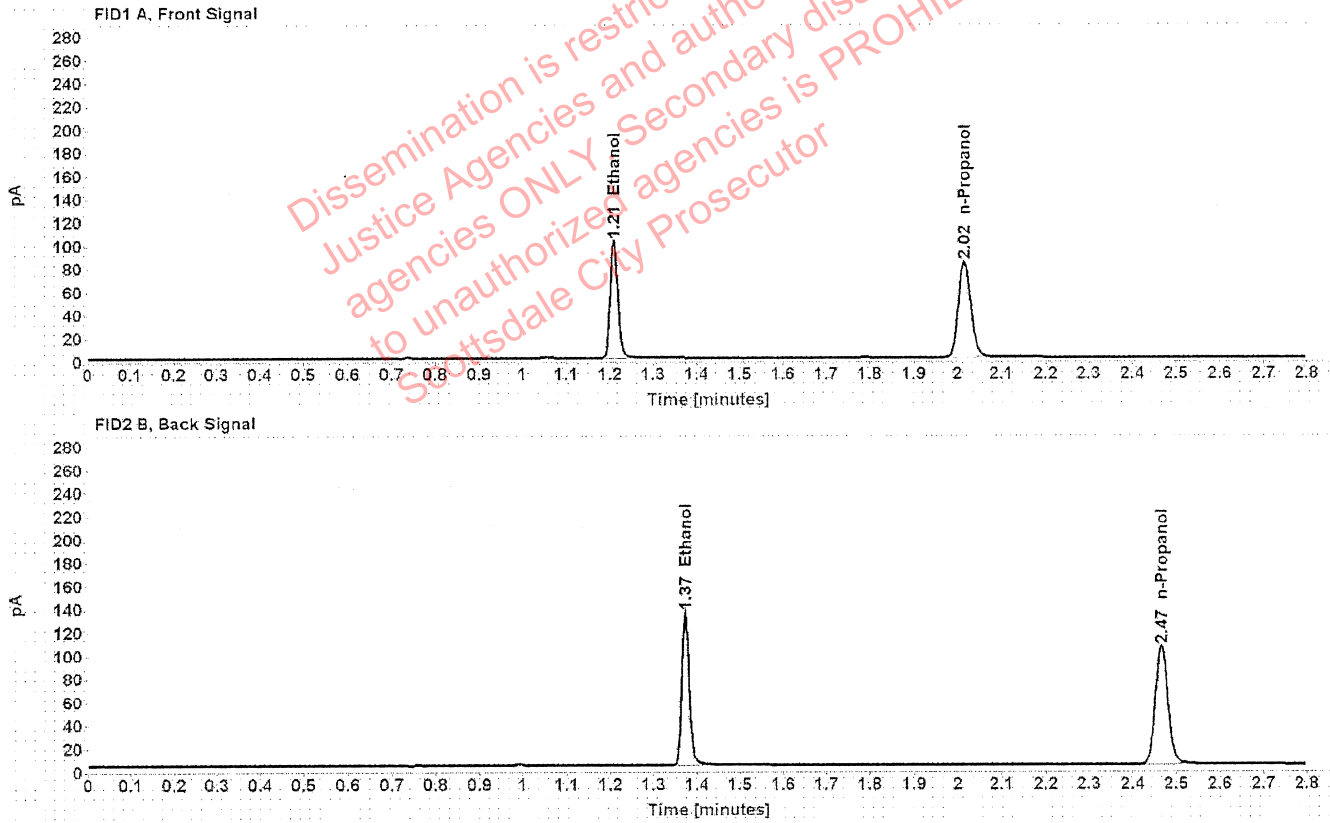


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.209	128.916
n-Propanol	-----	2.015	165.027

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

Compound	Time (min)	Peak Area
Ethanol	1.373	162.033
n-Propanol	2.466	205.704

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:11:18 PM
Data file:	C:\Chem32\1\Data\14Jul21\20.D	Analyst:	Abbott <i>JA</i>

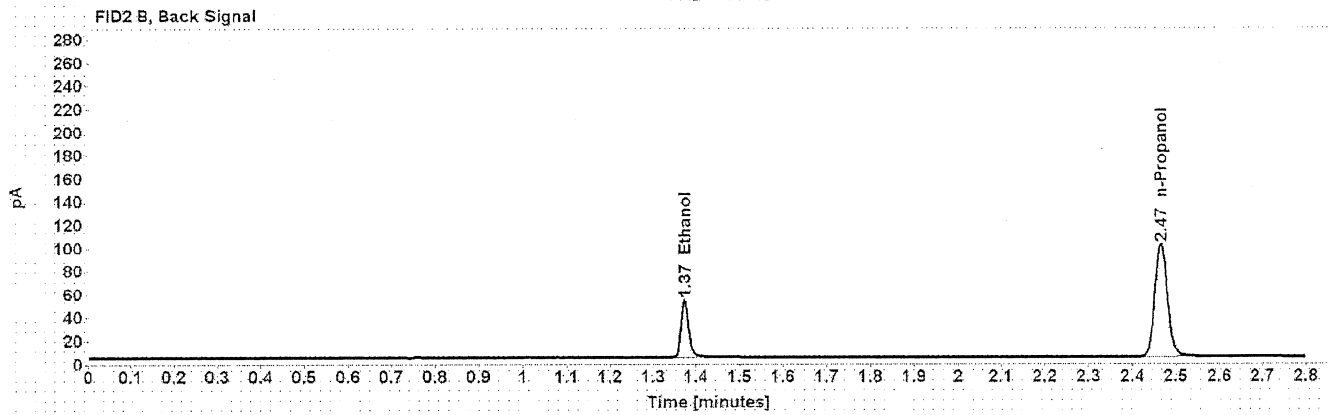
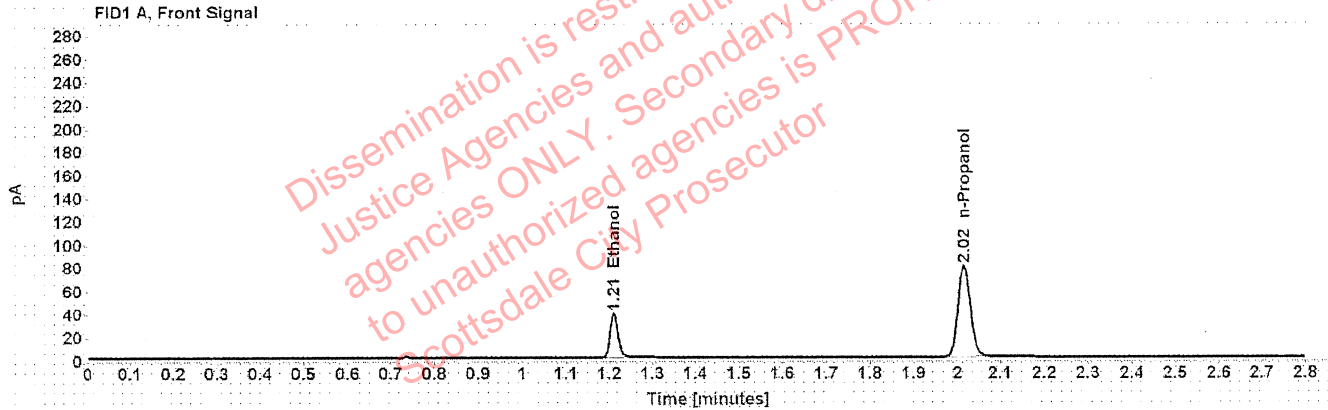


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0818	1.210	48.872
n-Propanol	-----	2.015	157.521

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.365
n-Propanol	2.466	197.078

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:55:48 PM
Data file:	C:\Chem32\1\Data\14Jul21\31.D	Analyst:	Abbott <i>JA</i>

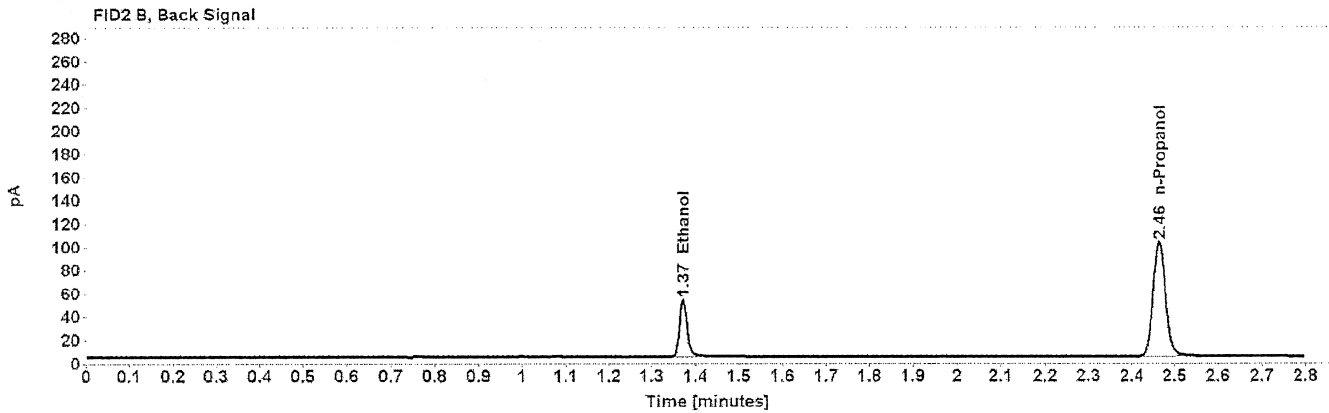
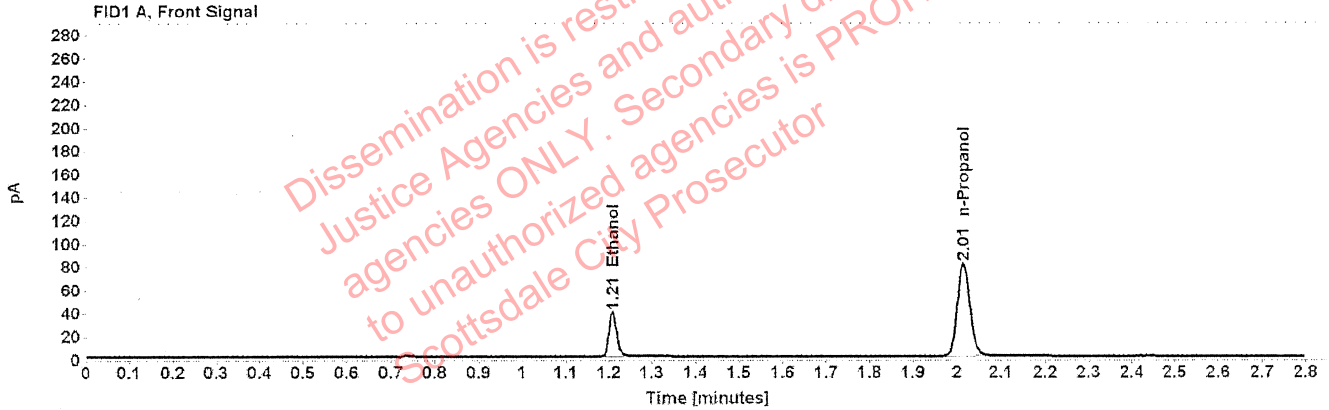


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.209	49.110
n-Propanol	-----	2.014	160.211

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

Compound	Time (min)	Peak Area
Ethanol	1.371	61.504
n-Propanol	2.464	200.503

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 42
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 5:40:02 PM
Data file: C:\Chem32\1\Data\14Jul21\42.D	Analyst: Abbott JA

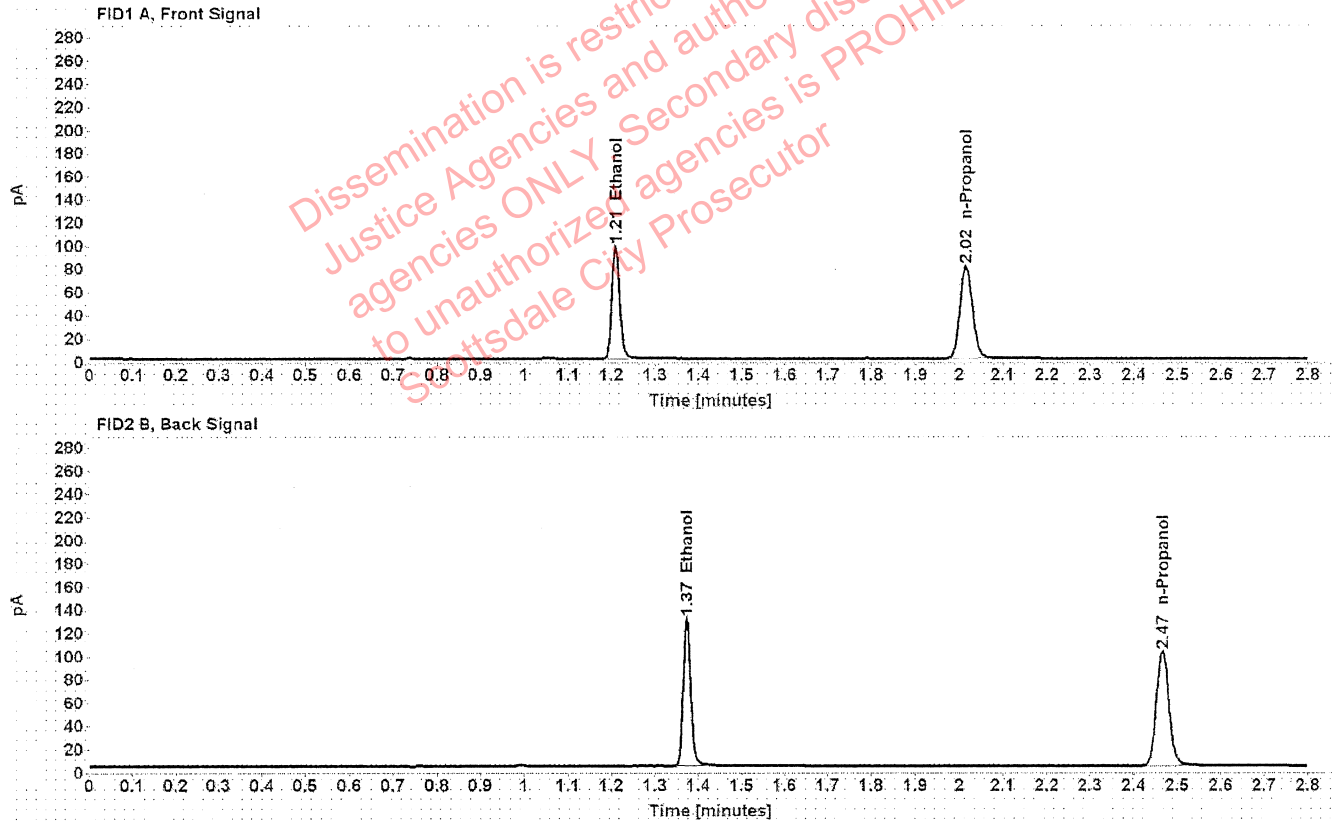


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.209	124.871
n-Propanol	-----	2.015	160.083

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

Compound	Time (min)	Peak Area
Ethanol	1.373	157.477
n-Propanol	2.466	200.288

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 6:24:33 PM
Data file: C:\Chem32\1\Data\14Jul21\53.D	Analyst: Abbott <i>la</i>

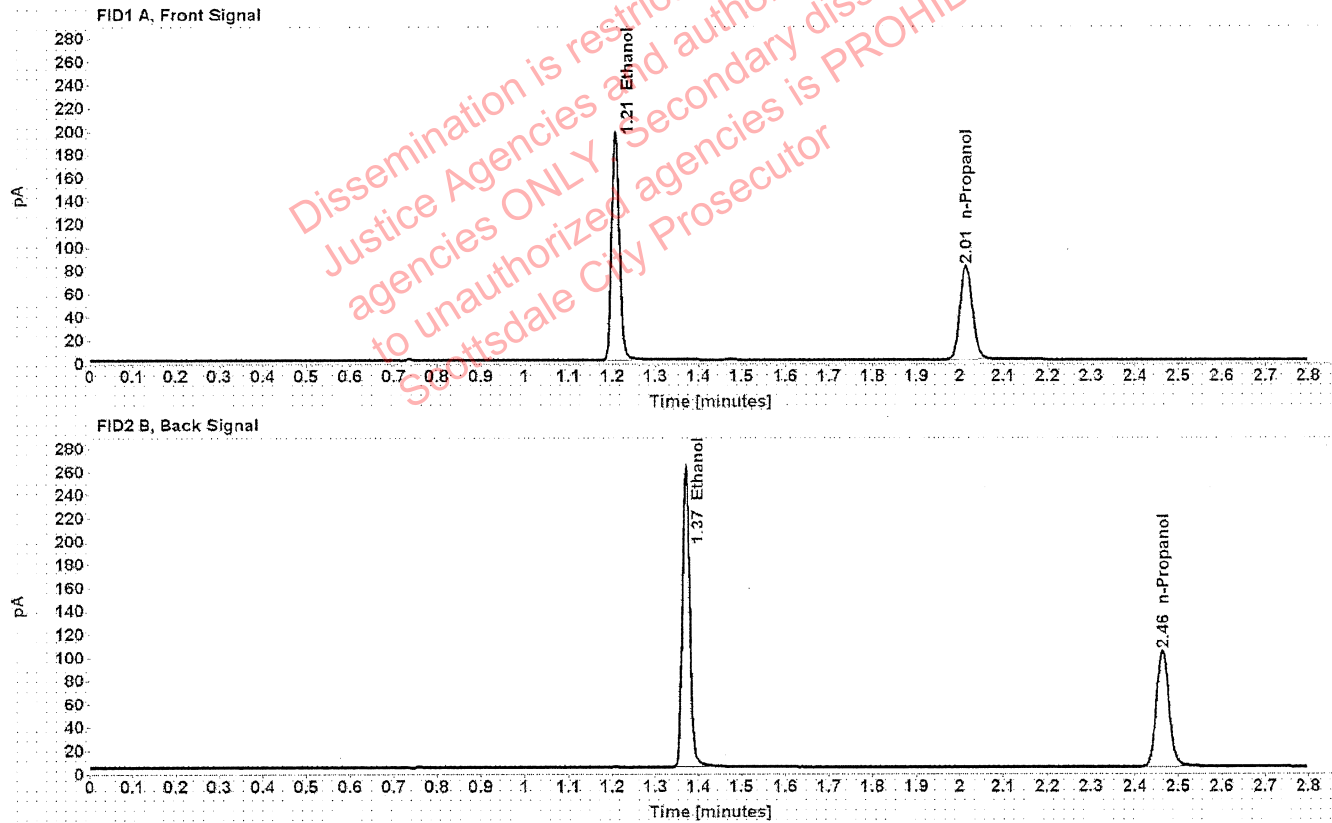


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4026	1.207	250.841
n-Propanol	-----	2.014	161.827

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

Compound	Time (min)	Peak Area
Ethanol	1.371	316.895
n-Propanol	2.464	202.818

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:28:33 PM
Data file:	C:\Chem32\1\Data\14Jul21\54.D	Analyst:	Abbott <i>JA</i>

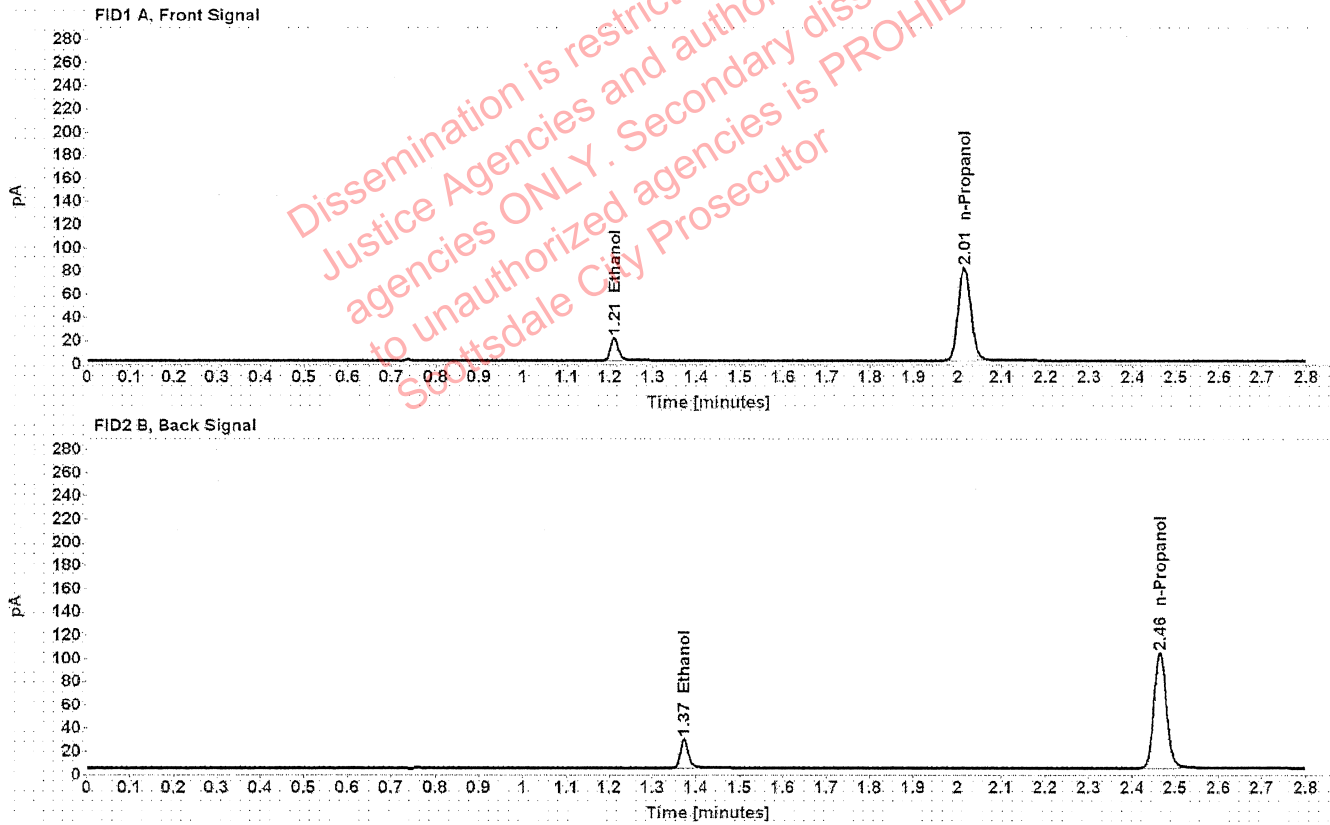


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.210	24.990
n-Propanol	-----	2.015	161.772

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.397
n-Propanol	2.465	202.732

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 6:32:47 PM
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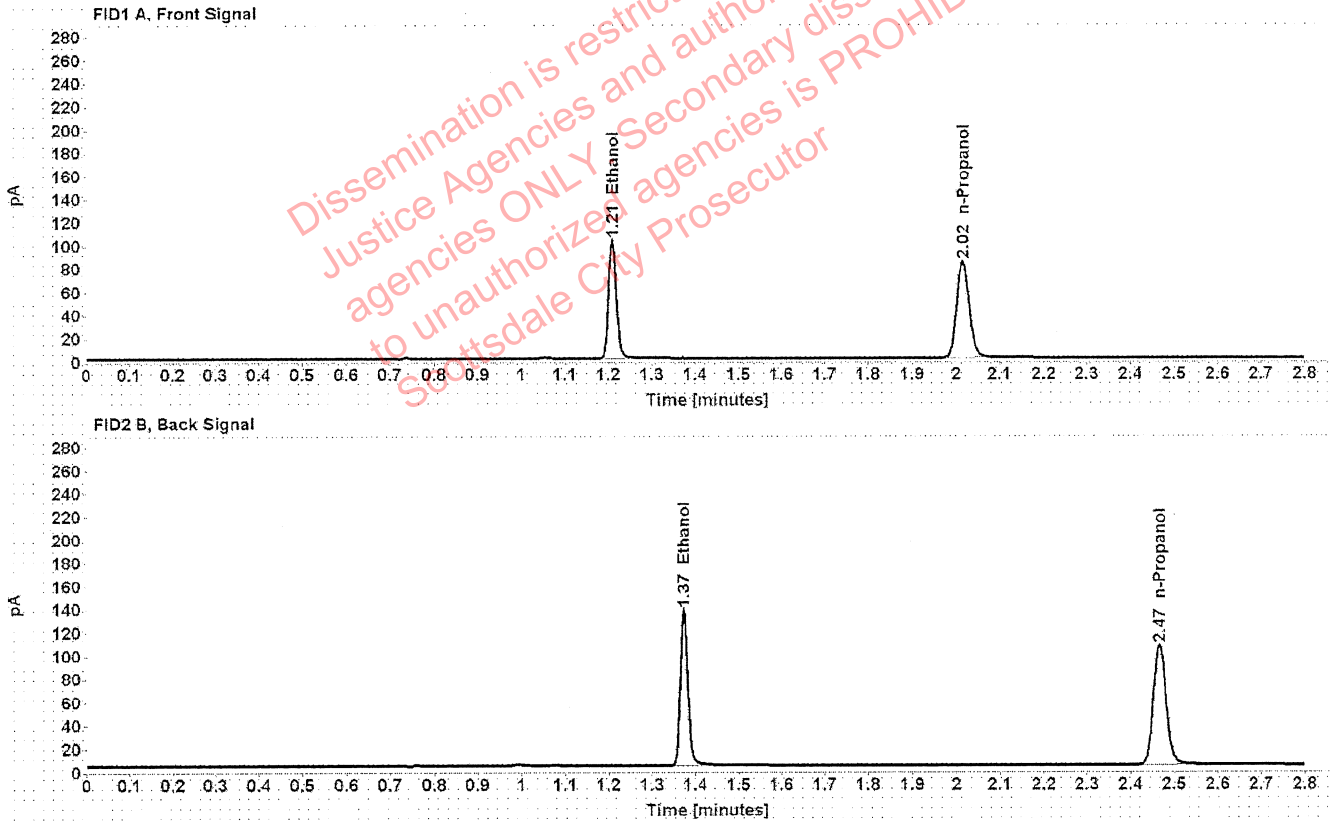


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2044	1.209	130.755
n-Propanol	-----	2.016	166.759

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

Compound	Time (min)	Peak Area
Ethanol	1.373	165.189
n-Propanol	2.466	208.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:36:47 PM
Data file:	C:\Chem32\1\Data\14Jul21\56.D	Analyst:	Abbott <i>JA</i>

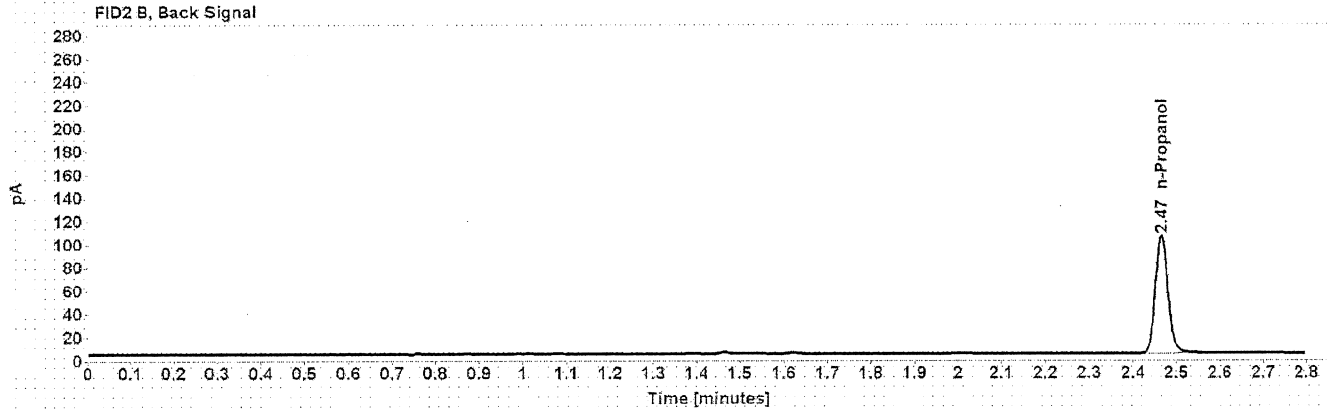
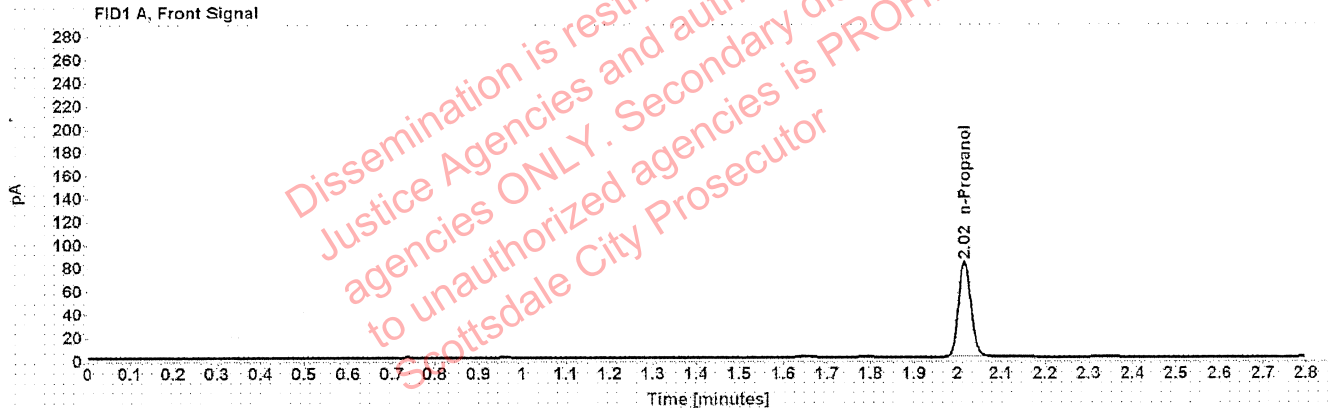


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	164.085

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	206.241

Sequence Summary

Sequence name: 14Jul21 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	062421AQ	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	36601AK		Sample		ethanol quant.M
11	36601AK		Sample		ethanol quant.M
12	34002SJ		Sample		ethanol quant.M
13	34002SJ		Sample		ethanol quant.M
14	32701JD		Sample		ethanol quant.M
15	32701JD		Sample		ethanol quant.M
16	33801SH		Sample		ethanol quant.M
17	33801SH		Sample		ethanol quant.M
18	38001GF		Sample		ethanol quant.M
19	38001GF		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	20001WC		Sample		ethanol quant.M
22	20001WC		Sample		ethanol quant.M
23	20001GT		Sample		ethanol quant.M
24	20001GT		Sample		ethanol quant.M
25	1379511		Sample		ethanol quant.M
26	1379511		Sample		ethanol quant.M
27	1354254		Sample		ethanol quant.M
28	1354254		Sample		ethanol quant.M
29	1354106		Sample		ethanol quant.M
30	1354106		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1380469		Sample		ethanol quant.M
33	1380469		Sample		ethanol quant.M
34	1379051		Sample		ethanol quant.M
35	1379051		Sample		ethanol quant.M
36	1380017		Sample		ethanol quant.M
37	1380017		Sample		ethanol quant.M
38	1379852		Sample		ethanol quant.M
39	1379852		Sample		ethanol quant.M
40	1380141		Sample		ethanol quant.M
41	1380141		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1380021		Sample		ethanol quant.M
44	1380021		Sample		ethanol quant.M
45	1380039		Sample		ethanol quant.M
46	1380039		Sample		ethanol quant.M
47	1380139		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	1380139		Sample		ethanol quant.M
49	1380055		Sample		ethanol quant.M
50	1380055		Sample		ethanol quant.M
51	4110320133/2	ACQ, 0.199	Sample	verification	ethanol quant.M
52	4110320133/2	ACQ, 0.199	Sample	verification	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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 to unauthorized agencies is PROHIBITED.
 Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 14Jul21

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2502	0.2504	0.25030	0.04	0.00010
12 13	0.1711	0.1690	0.17005	0.62	0.00105
14 15	0.0833	0.0839	0.08360	0.36	0.00030
16 17	0.1965	0.1958	0.19615	0.18	0.00035
18 19	0.0944	0.0946	0.09450	0.11	0.00010
21 22	0.1663	0.1661	0.16620	0.06	0.00010
23 24	0.1486	0.1484	0.14850	0.07	0.00010
25 26	0.0000	0.0000	0.00000	0.00	0.00000
27 28	0.1429	0.1421	0.14250	0.28	0.00040
29 30	0.2269	0.2263	0.22660	0.13	0.00030
32 33	0.1881	0.1869	0.18750	0.32	0.00060
34 35	0.1616	0.1616	0.16160	0.00	0.00000
36 37	0.2764	0.2733	0.27485	0.56	0.00155
38 39	0.3215	0.3202	0.32085	0.20	0.00065
40 41	0.2309	0.2308	0.23085	0.02	0.00005
43 44	0.1604	0.1603	0.16035	0.03	0.00005
45 46	0.1787	0.1795	0.17910	0.22	0.00040
47 48	0.3136	0.3177	0.31565	0.65	0.00205
49 50	0.2253	0.2251	0.22520	0.04	0.00010
51 52	0.2058	0.2037	0.20475	0.51	0.00105

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

Scottsdale Forensic Lab

Blood Alcohol Pipetting Log

ANALYST: Abbott



SEQUENCE: 14Jul21

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	36601AK	36601AK	36601AK	Yes
Vials 12 and 13	34002SJ	34002SJ	34002SJ	Yes
Vials 14 and 15	32701JD	32701JD	32701JD	Yes
Vials 16 and 17	33801SH	33801SH	33801SH	Yes
Vials 18 and 19	38001GF	38001GF	38001GF	Yes
Vials 21 and 22	20001WC	20001WC	20001WC	Yes
Vials 23 and 24	20001GT	20001GT	20001GT	Yes
Vials 25 and 26	1379511	1379511	1379511	Yes
Vials 27 and 28	1354254	1354254	1354254	Yes
Vials 29 and 30	1354106	1354106	1354106	Yes
Vials 32 and 33	1380469	1380469	1380469	Yes
Vials 34 and 35	1379051	1379051	1379051	Yes
Vials 36 and 37	1380017	1380017	1380017	Yes
Vials 38 and 39	1379852	1379852	1379852	Yes
Vials 40 and 41	1380141	1380141	1380141	Yes
Vials 43 and 44	1380021	1380021	1380021	Yes
Vials 45 and 46	1380039	1380039	1380039	Yes
Vials 47 and 48	1380139	1380139	1380139	Yes
Vials 49 and 50	1380055	1380055	1380055	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36601AK	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:30:48 PM
Data file:	C:\Chem32\1\Data\14Jul21\10.D	Analyst:	Abbott

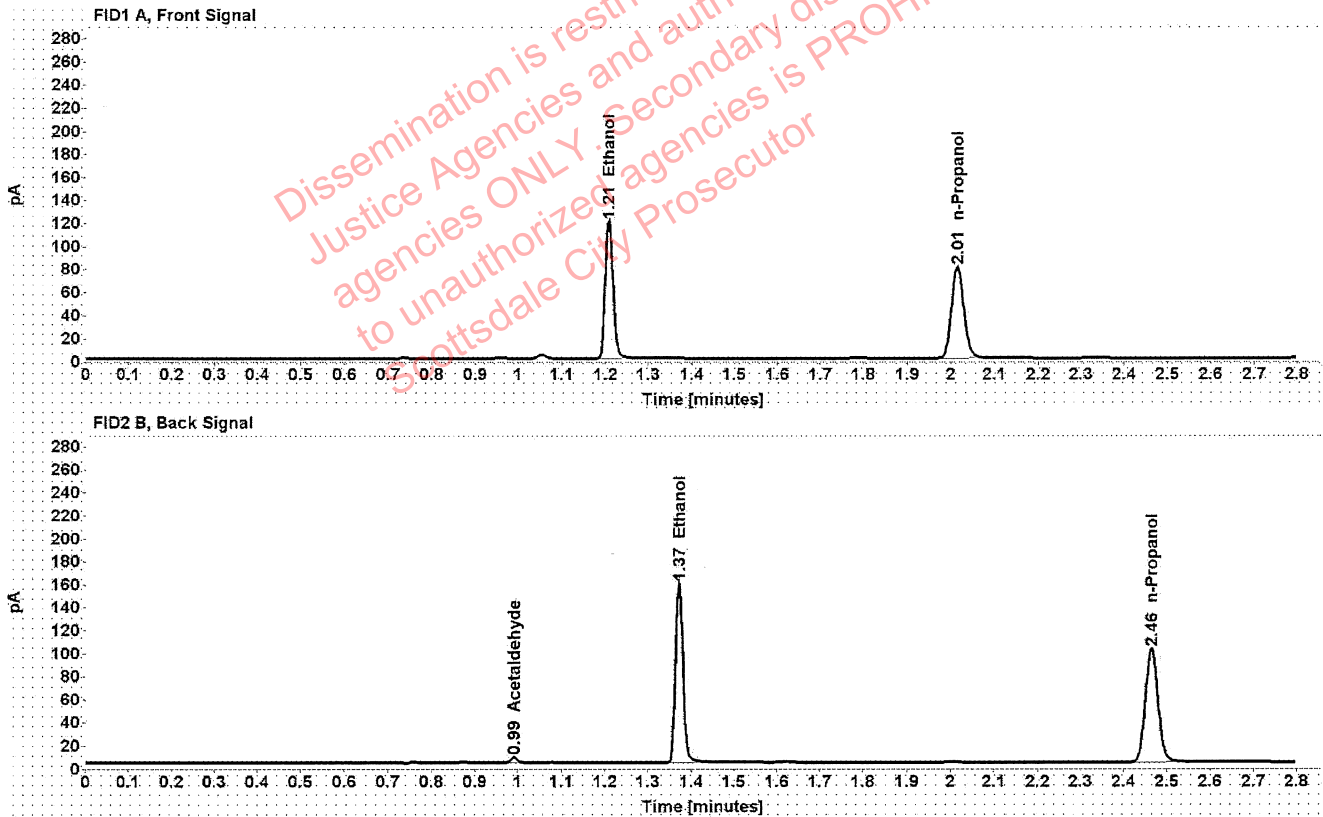


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2502	1.208	152.068
n-Propanol	-----	2.015	158.214

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	4.622
Ethanol	1.372	191.210
n-Propanol	2.464	198.521

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36601AK	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:34:48 PM
Data file:	C:\Chem32\1\Data\14Jul21\11.D	Analyst:	Abbott

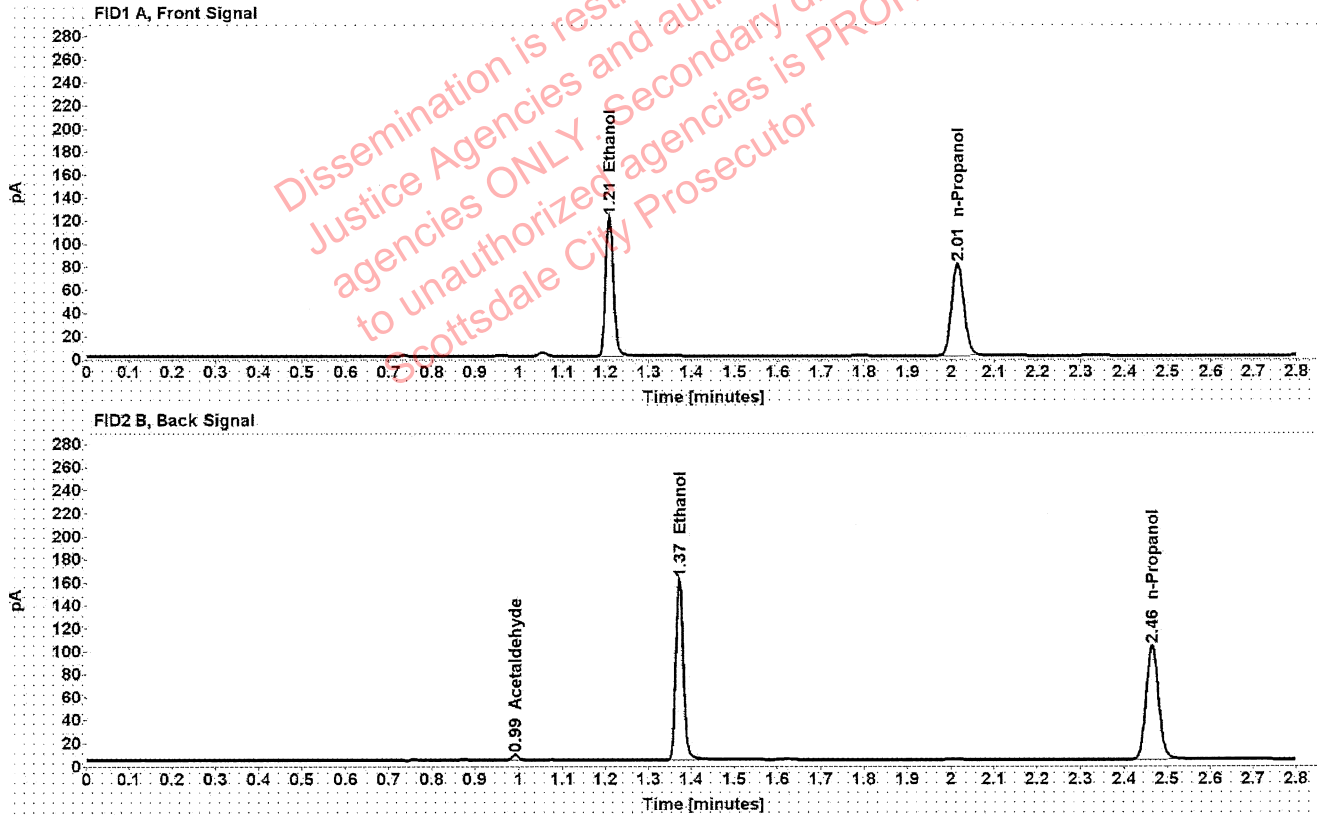


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2504	1.208	153.491
n-Propanol	-----	2.015	159.557

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.536
Ethanol	1.372	194.923
n-Propanol	2.465	200.452

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34002SJ	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:38:47 PM
Data file:	C:\Chem32\1\Data\14Jul21\12.D	Analyst:	Abbott

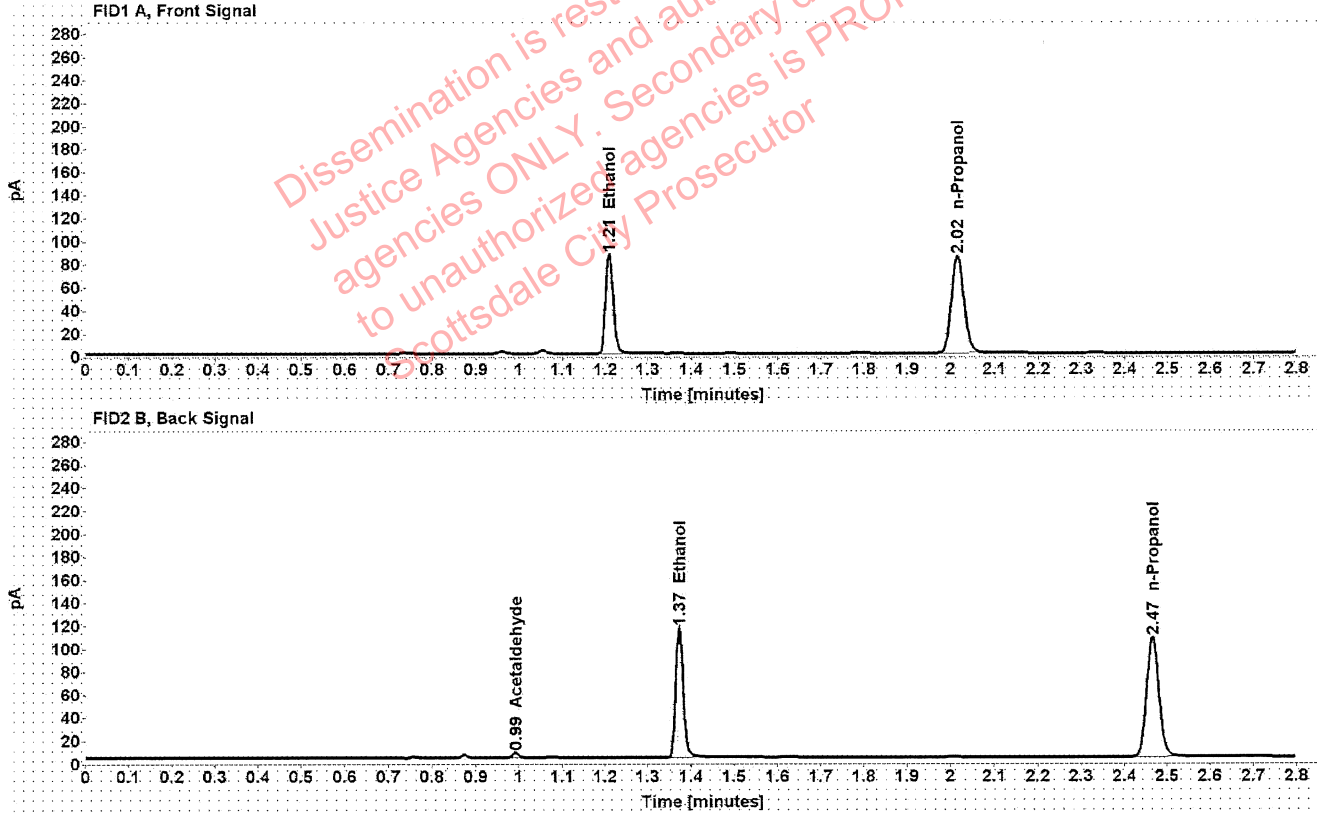


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1711	1.209	110.160
n-Propanol	-----	2.015	168.112

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.961
Ethanol	1.373	138.338
n-Propanol	2.466	210.996

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34002SJ	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:43:02 PM
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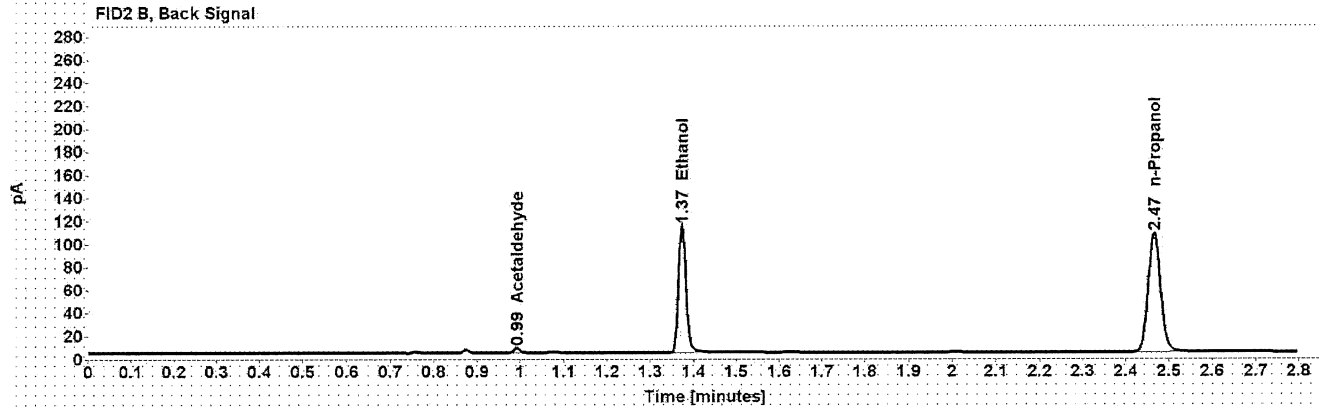
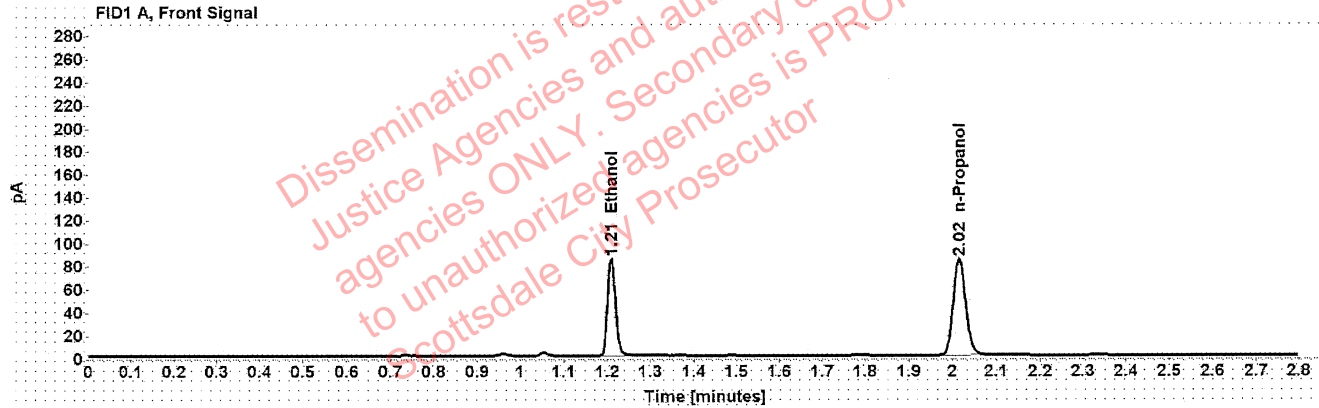


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.209	108.142
n-Propanol	-----	2.015	167.064

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.917
Ethanol	1.373	135.515
n-Propanol	2.466	209.551

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JD	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:47:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\14.D	Analyst:	Abbott

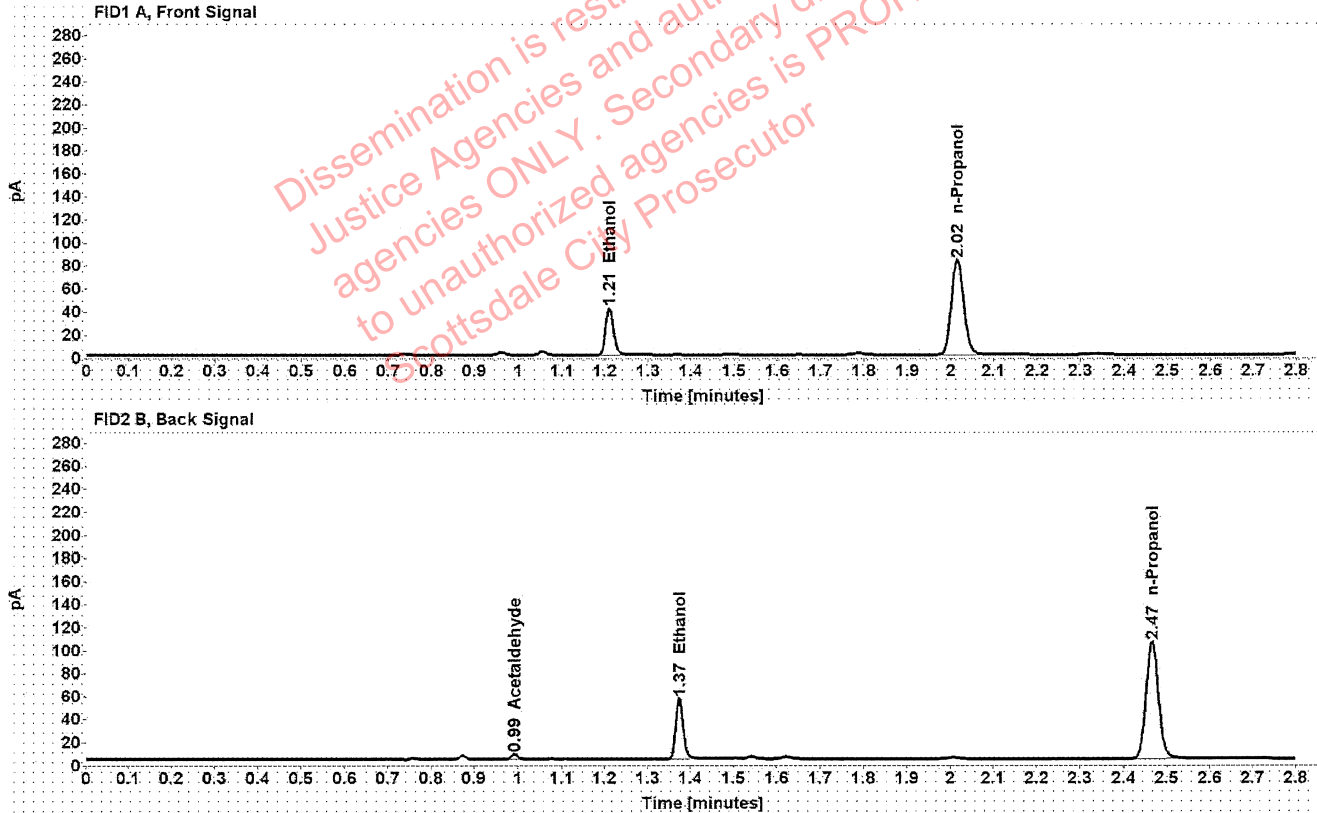


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0833	1.210	52.192
n-Propanol	-----	2.015	165.130

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.088
Ethanol	1.374	65.209
n-Propanol	2.466	206.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JD	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:51:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\15.D	Analyst:	Abbott

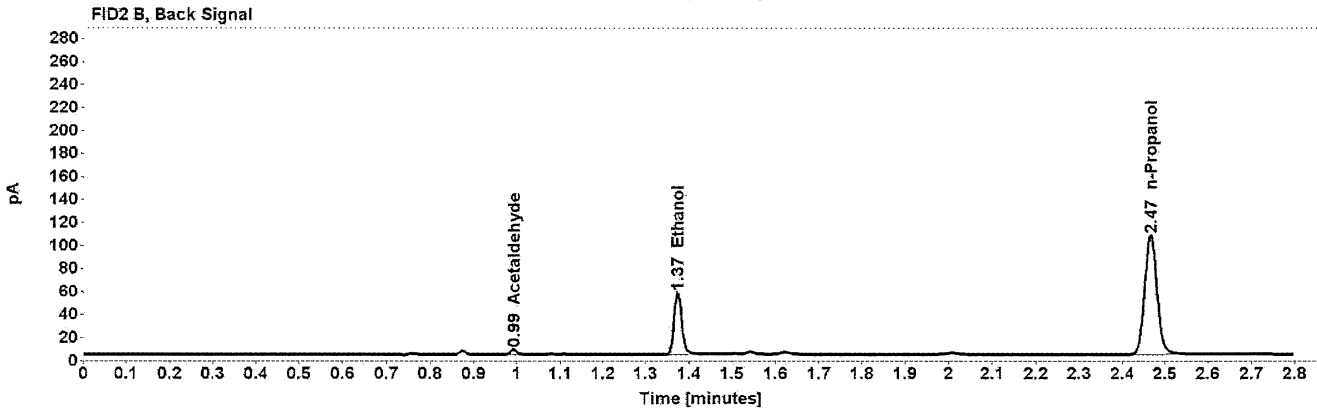
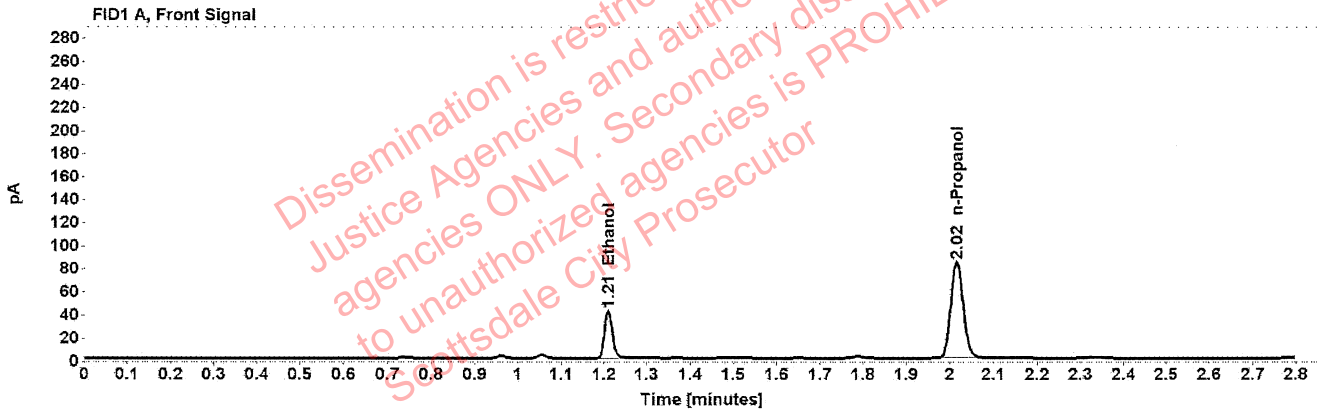


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0839	1.210	52.905
n-Propanol	-----	2.015	166.147

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.116
Ethanol	1.374	66.151
n-Propanol	2.466	208.987

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SH	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 3:55:03 PM
Data file:	C:\Chem32\1\Data\14Jul21\16.D	Analyst:	Abbott

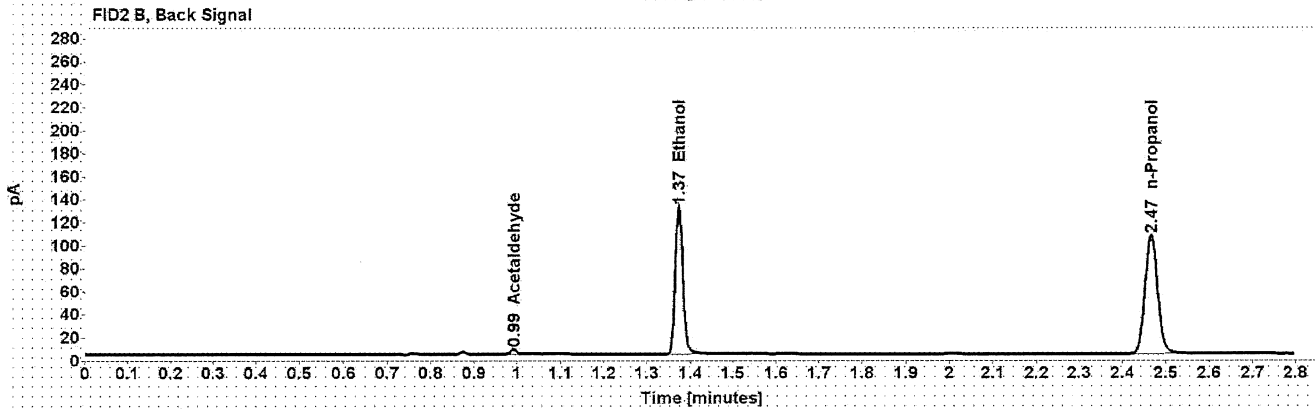
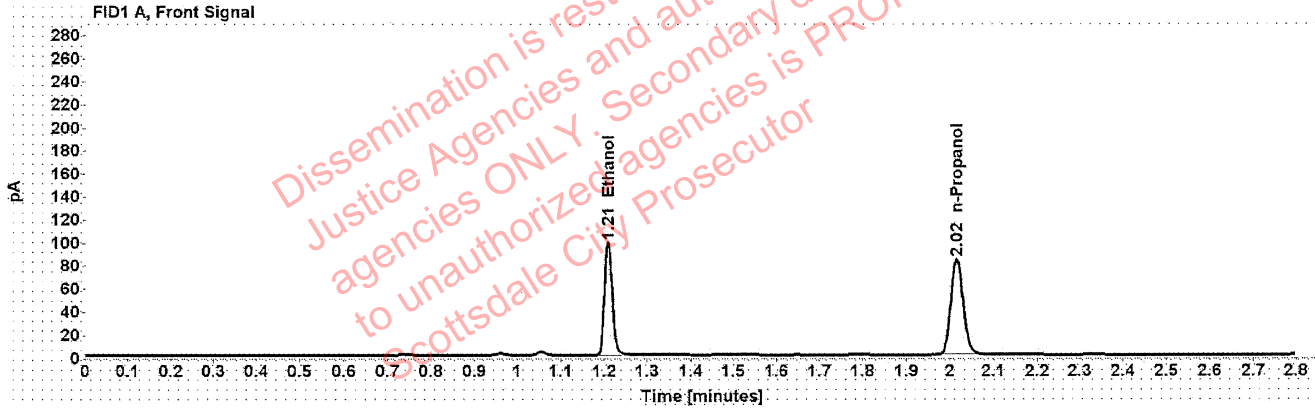


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1965	1.209	125.267
n-Propanol	-----	2.015	166.260

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.947
Ethanol	1.373	157.399
n-Propanol	2.466	207.973

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 33801SH	Vial: 17
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 3:59:04 PM
Data file: C:\Chem32\1\Data\14Jul21\17.D	Analyst: Abbott

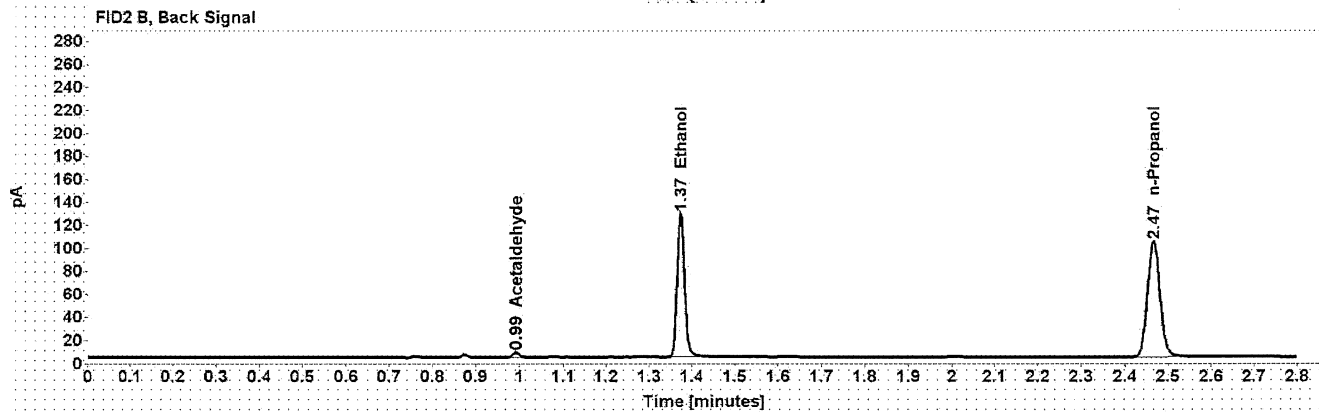
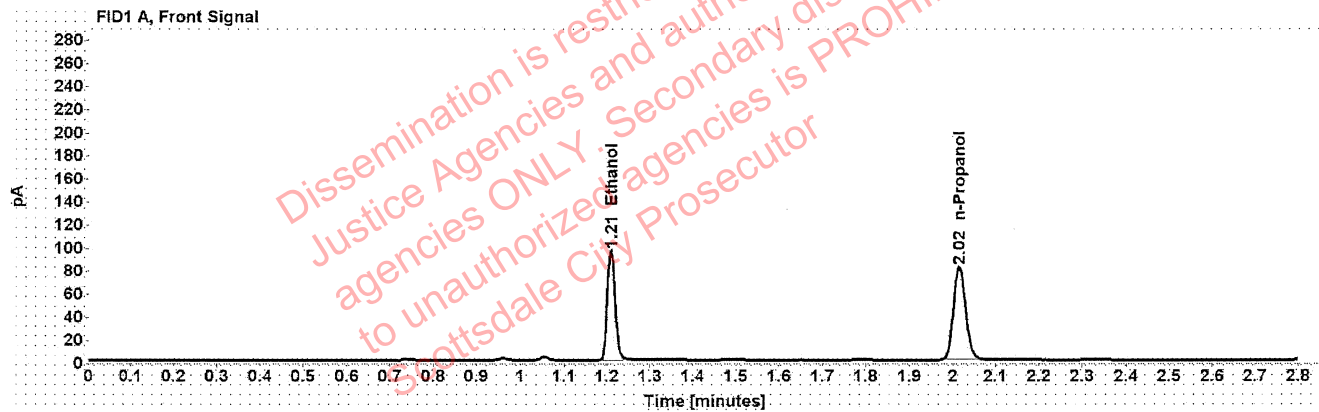


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1958	1.209	121.894
n-Propanol	-----	2.015	162.337

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.847
Ethanol	1.373	153.529
n-Propanol	2.466	203.267

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38001GF	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:03:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\18.D	Analyst:	Abbott

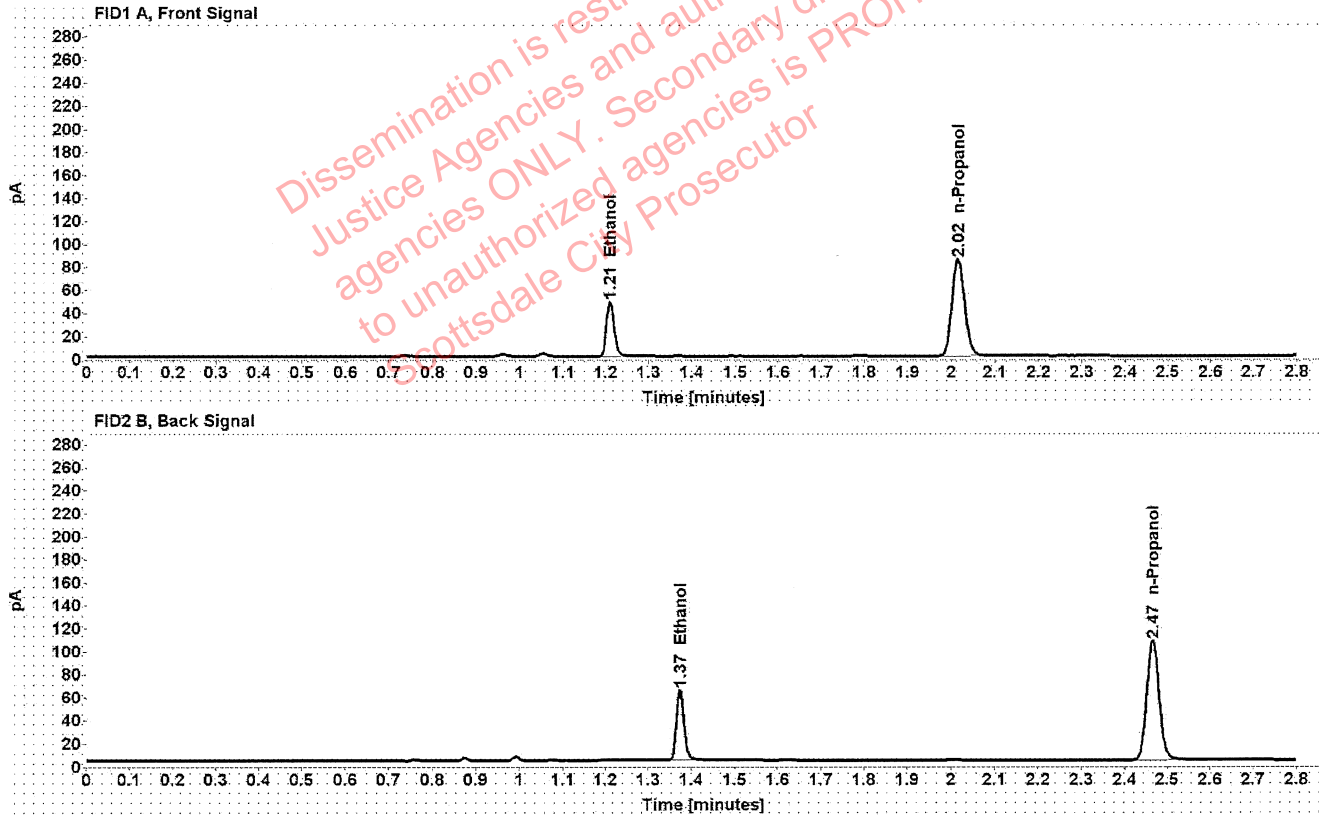


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0944	1.210	60.231
n-Propanol	-----	2.016	167.648

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

Compound	Time (min)	Peak Area
Ethanol	1.374	75.227
n-Propanol	2.466	210.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38001GF	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:07:17 PM
Data file:	C:\Chem32\1\Data\14Jul21\19.D	Analyst:	Abbott

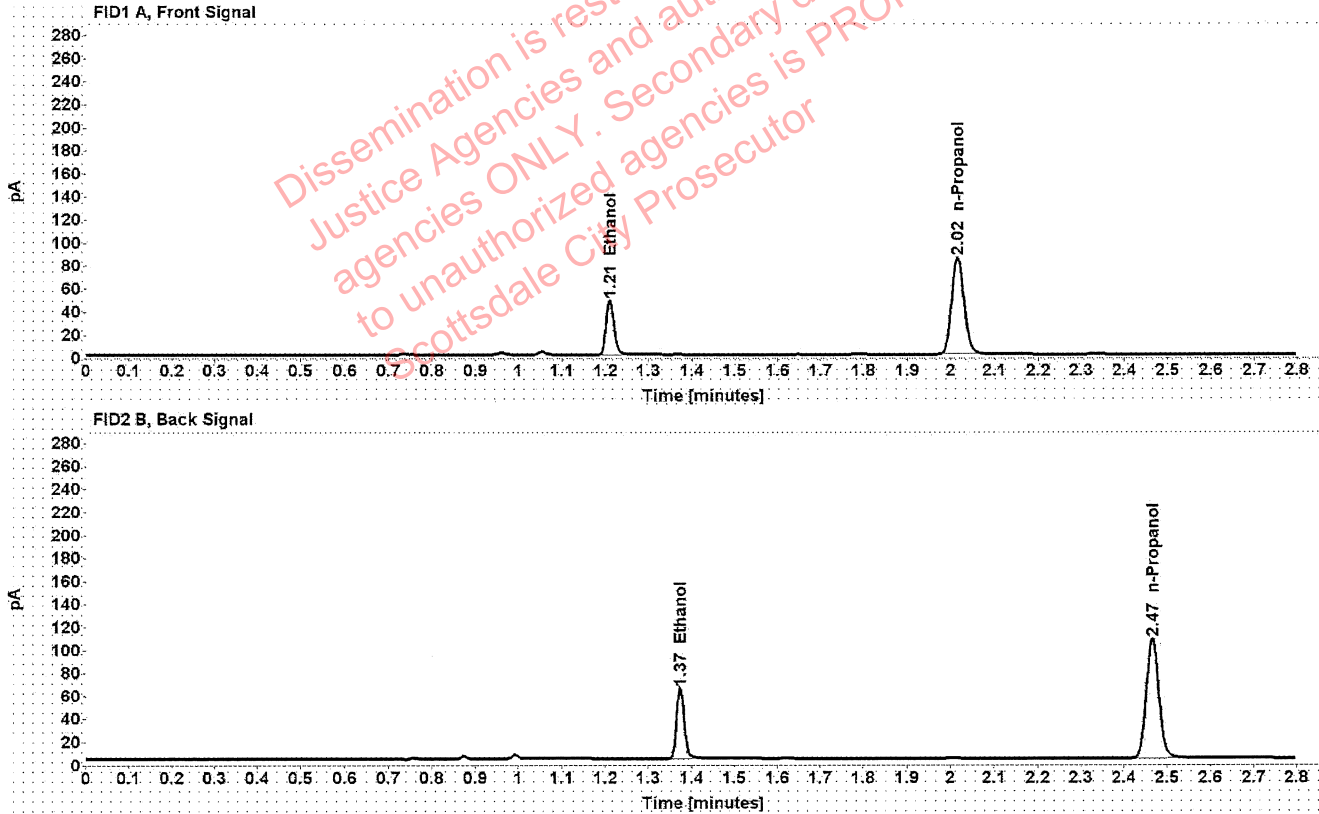


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0946	1.210	60.579
n-Propanol	-----	2.015	168.277

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

Compound	Time (min)	Peak Area
Ethanol	1.374	75.612
n-Propanol	2.466	210.634

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001WC	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:15:17 PM
Data file:	C:\Chem32\1\Data\14Jul21\21.D	Analyst:	Abbott

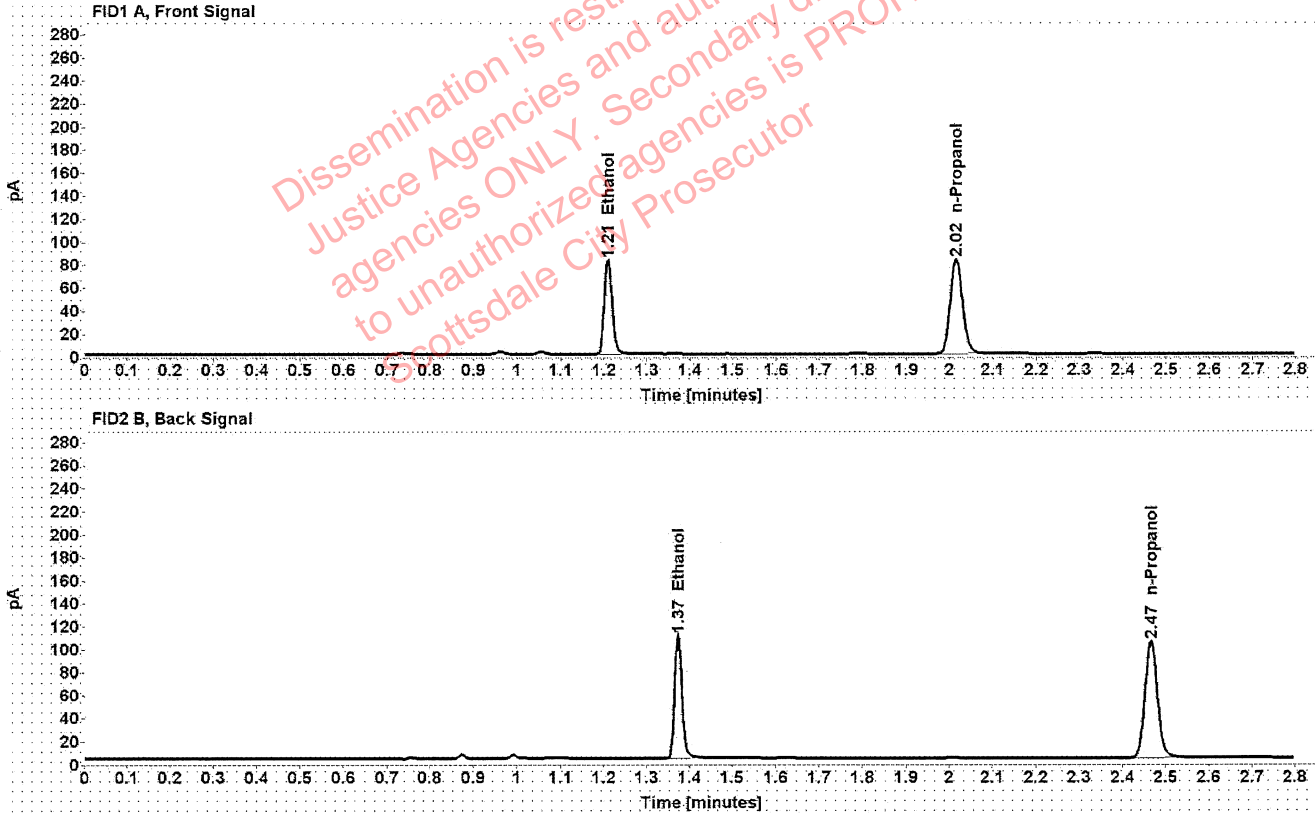


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1663	1.209	104.525
n-Propanol	-----	2.015	164.121

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

Compound	Time (min)	Peak Area
Ethanol	1.373	131.128
n-Propanol	2.466	205.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001WC	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:19:18 PM
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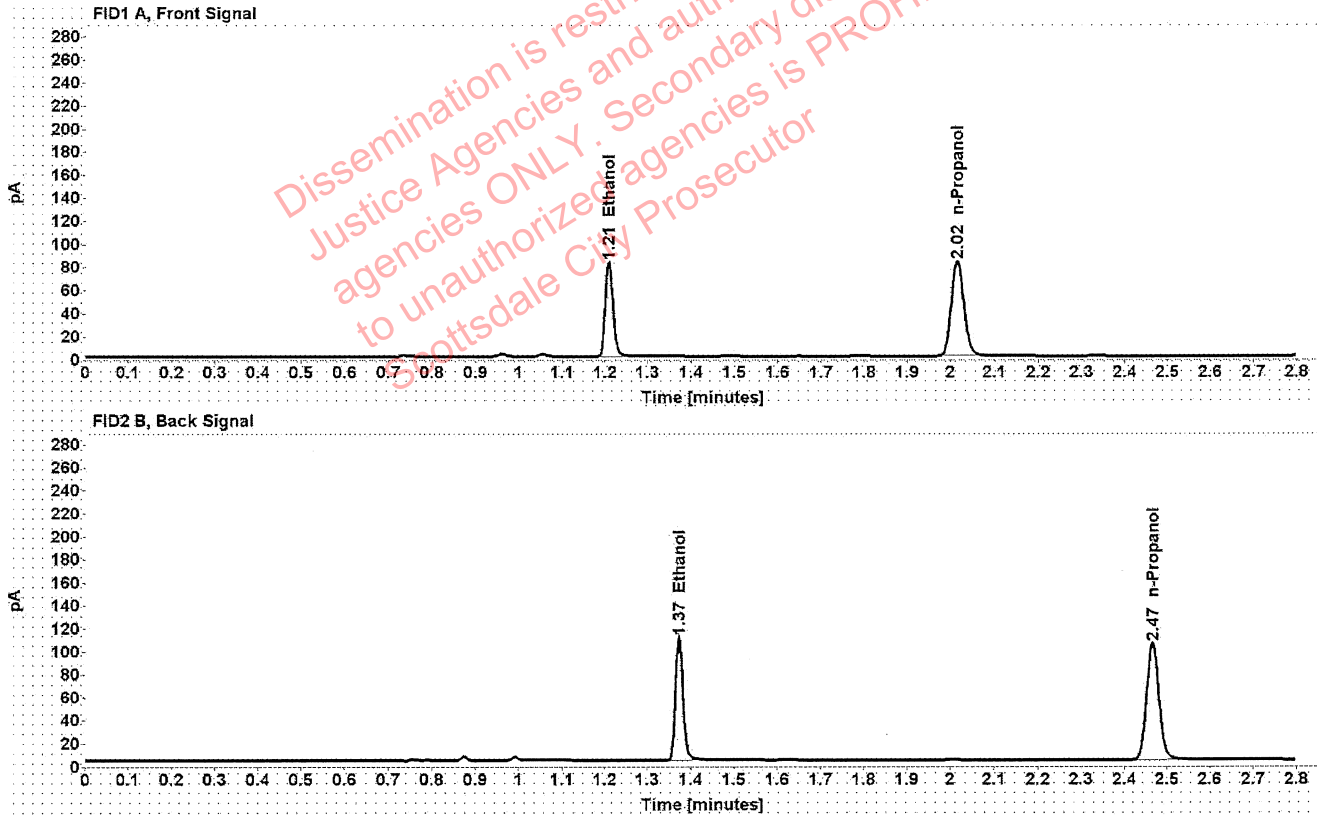


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1661	1.209	104.541
n-Propanol	-----	2.015	164.339

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

Compound	Time (min)	Peak Area
Ethanol	1.373	131.226
n-Propanol	2.466	205.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001GT	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:23:17 PM
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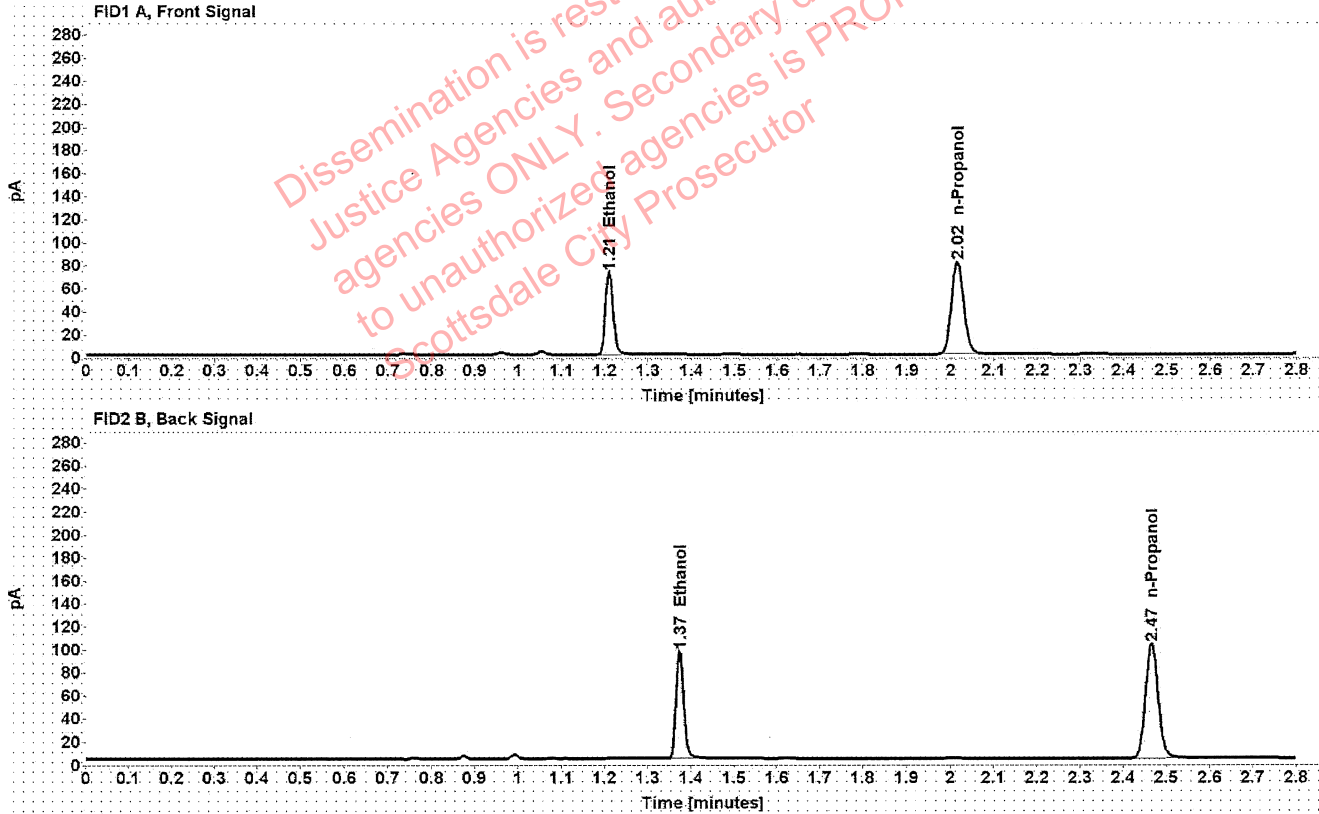


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1486	1.210	91.311
n-Propanol	-----	2.016	160.587

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

Compound	Time (min)	Peak Area
Ethanol	1.374	114.407
n-Propanol	2.466	200.963

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001GT	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:27:18 PM
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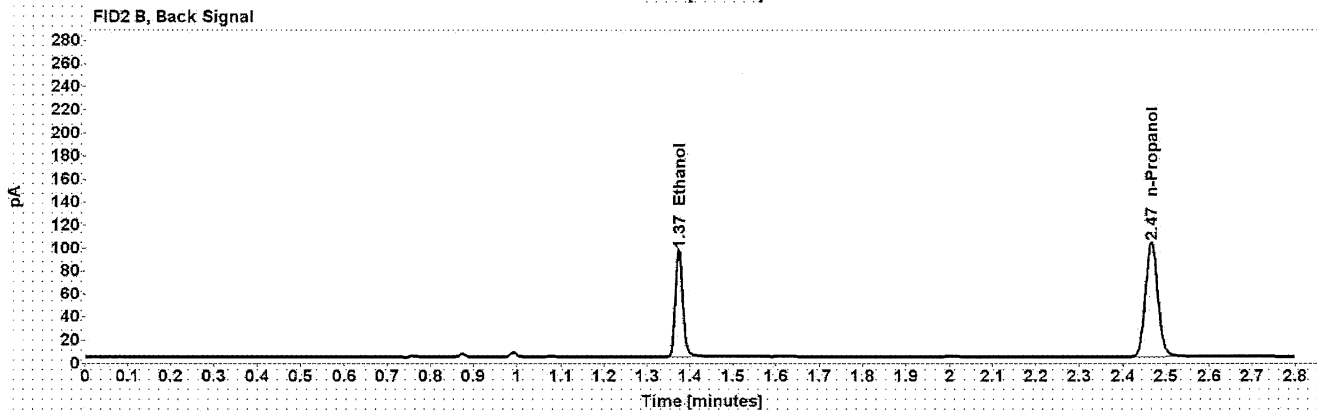
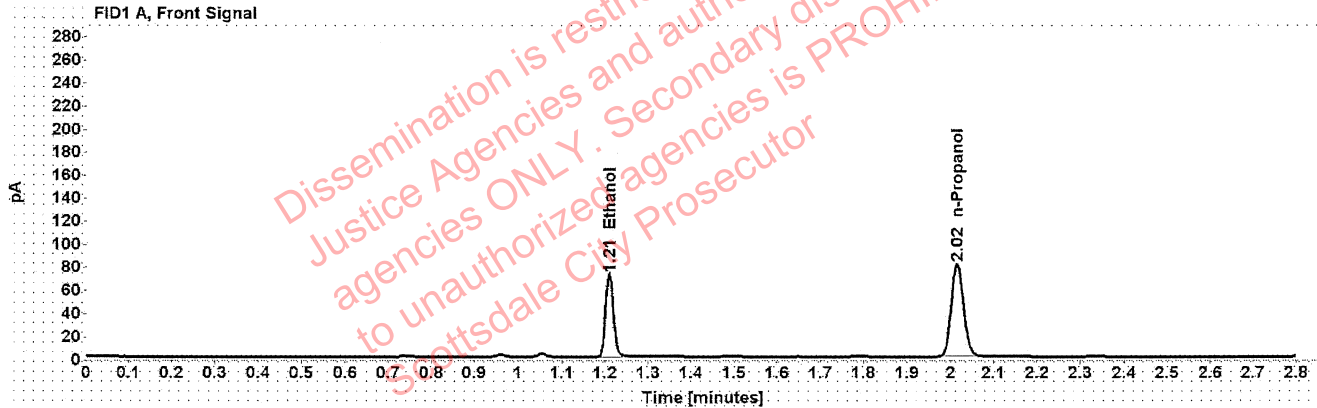


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1484	1.210	91.205
n-Propanol	-----	2.015	160.636

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

Compound	Time (min)	Peak Area
Ethanol	1.373	114.360
n-Propanol	2.466	201.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379511	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:31:32 PM
Data file:	C:\Chem32\1\Data\14Jul21\25.D	Analyst:	Abbott

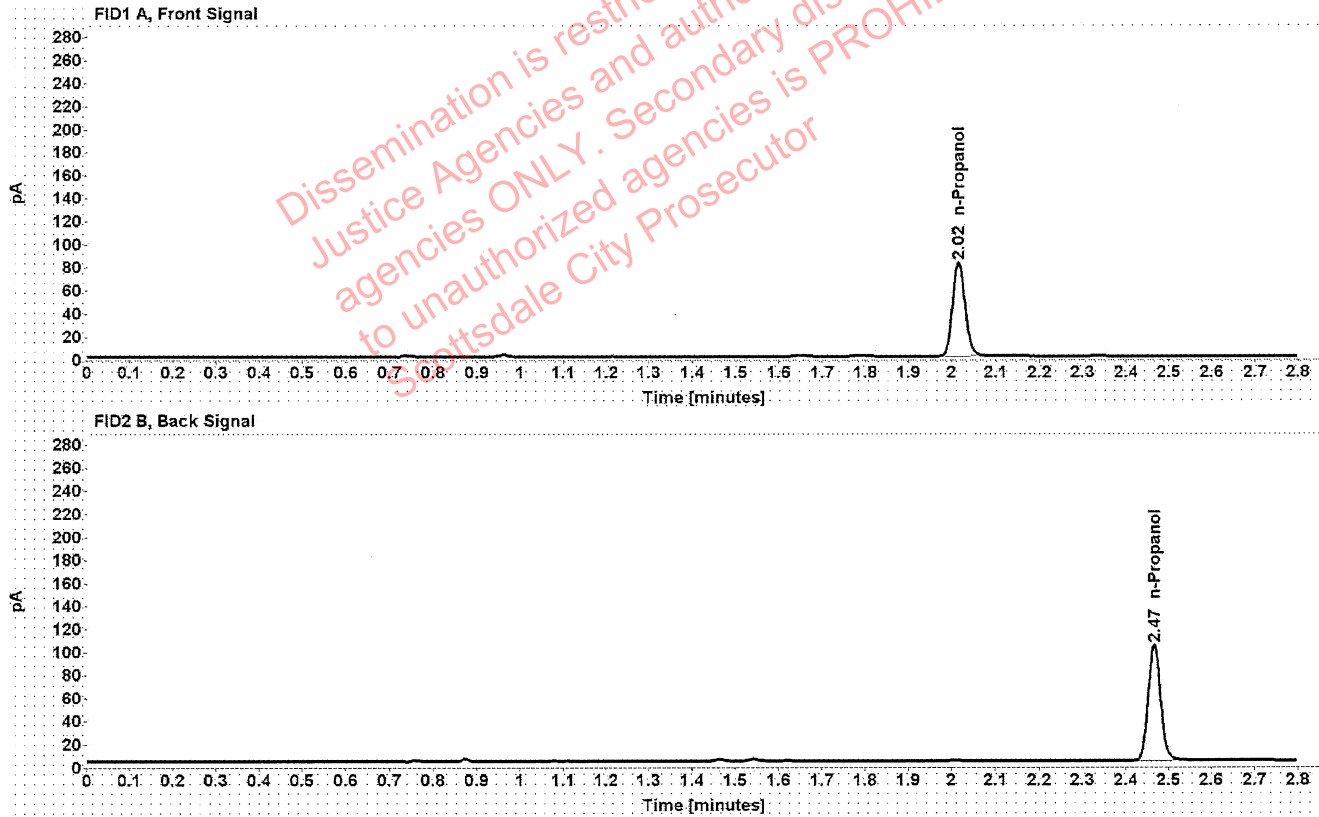


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	162.710

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	203.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379511	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:35:33 PM
Data file:	C:\Chem32\1\Data\14Jul21\26.D	Analyst:	Abbott

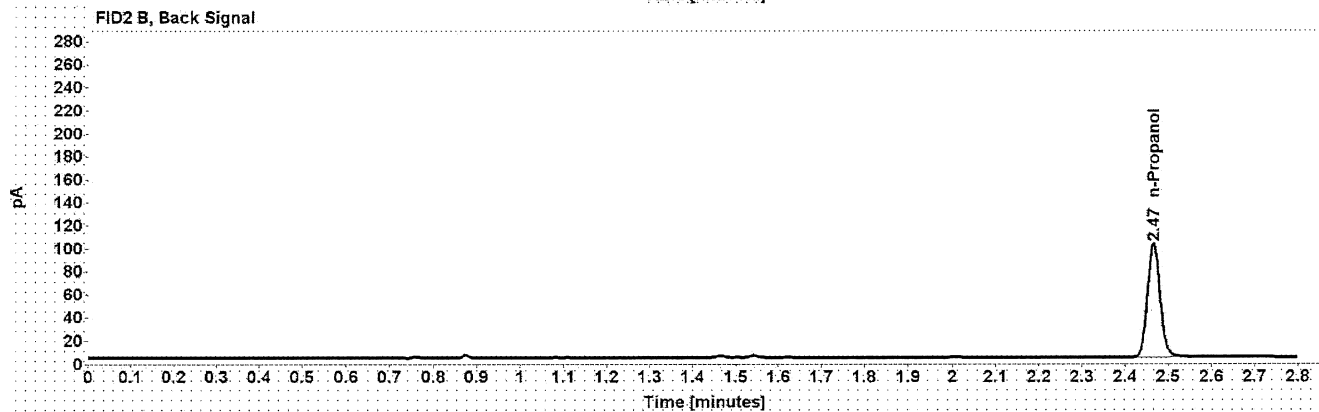
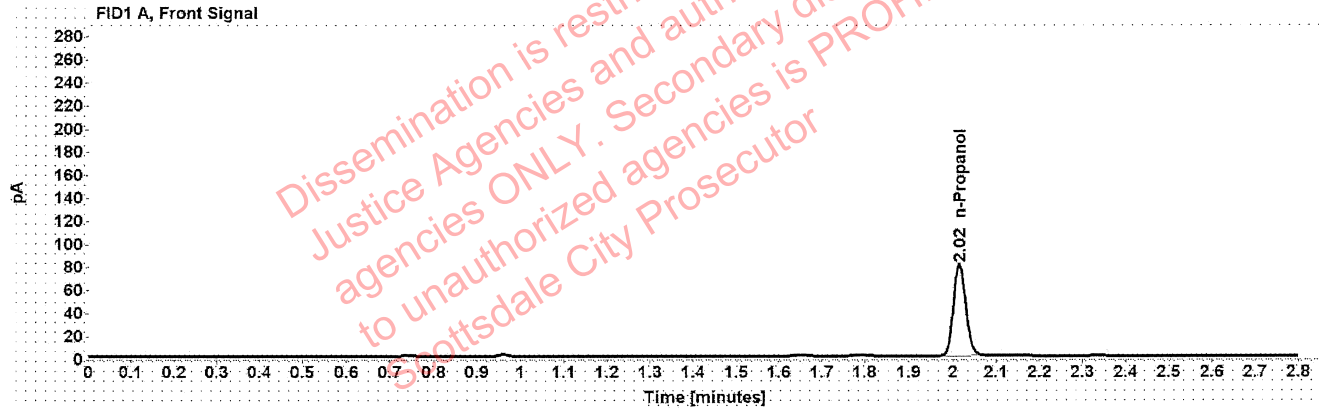


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	159.137

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	199.394

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1354254	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:39:33 PM
Data file:	C:\Chem32\1\Data\14Jul21\27.D	Analyst:	Abbott

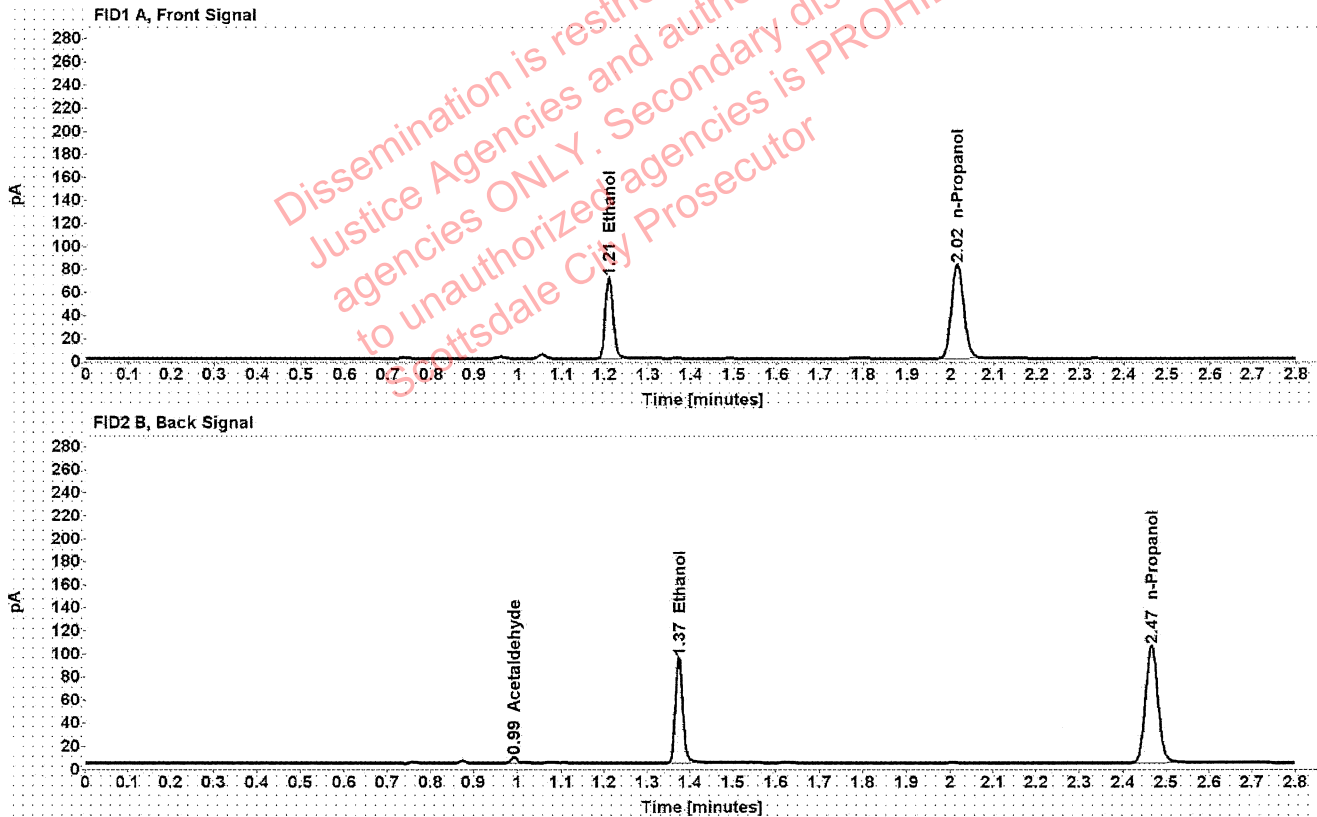


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1429	1.210	89.428
n-Propanol	-----	2.015	163.611

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.884
Ethanol	1.374	112.008
n-Propanol	2.466	204.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1354254	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:43:33 PM
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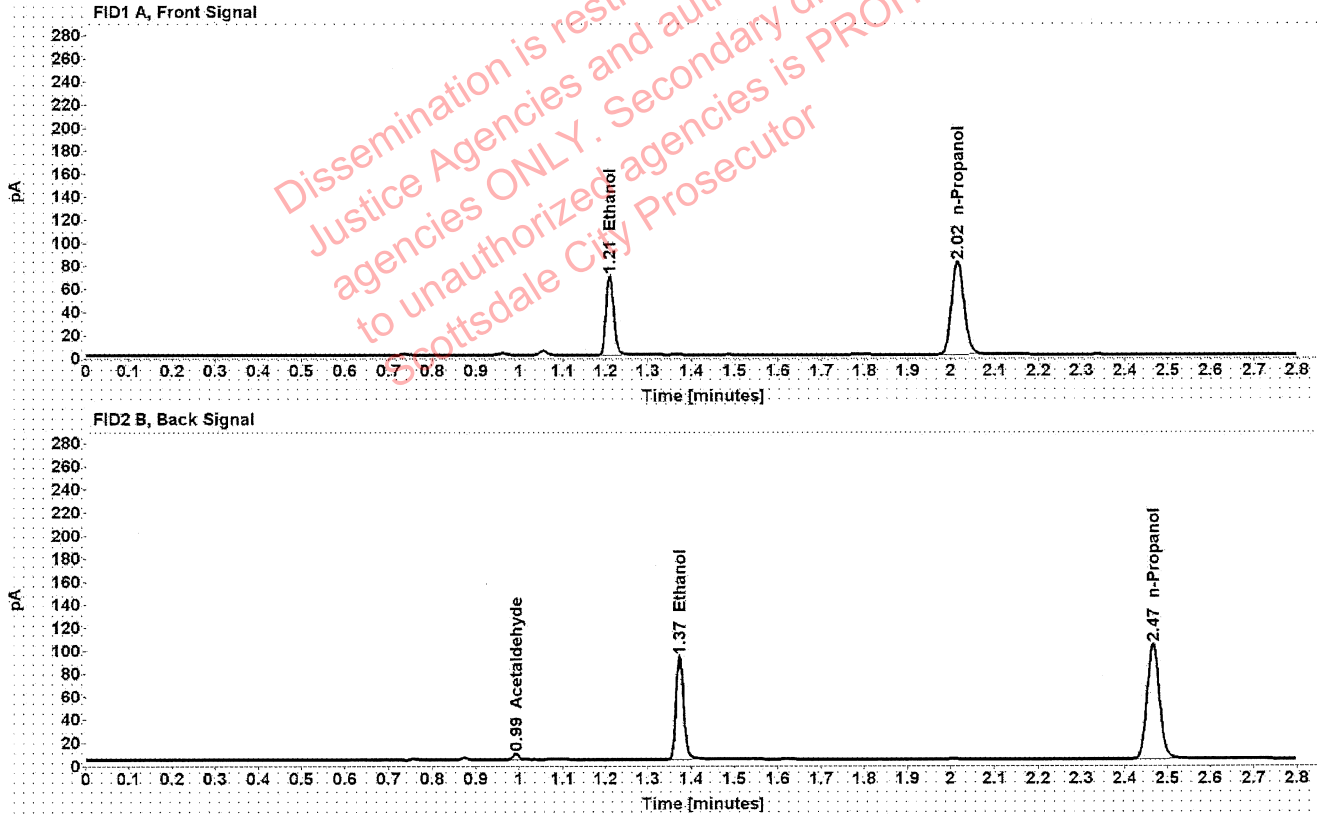


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1421	1.210	87.843
n-Propanol	-----	2.015	161.607

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.889
Ethanol	1.373	110.215
n-Propanol	2.466	202.537

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1354106	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:47:33 PM
Data file:	C:\Chem32\1\Data\14Jul21\29.D	Analyst:	Abbott

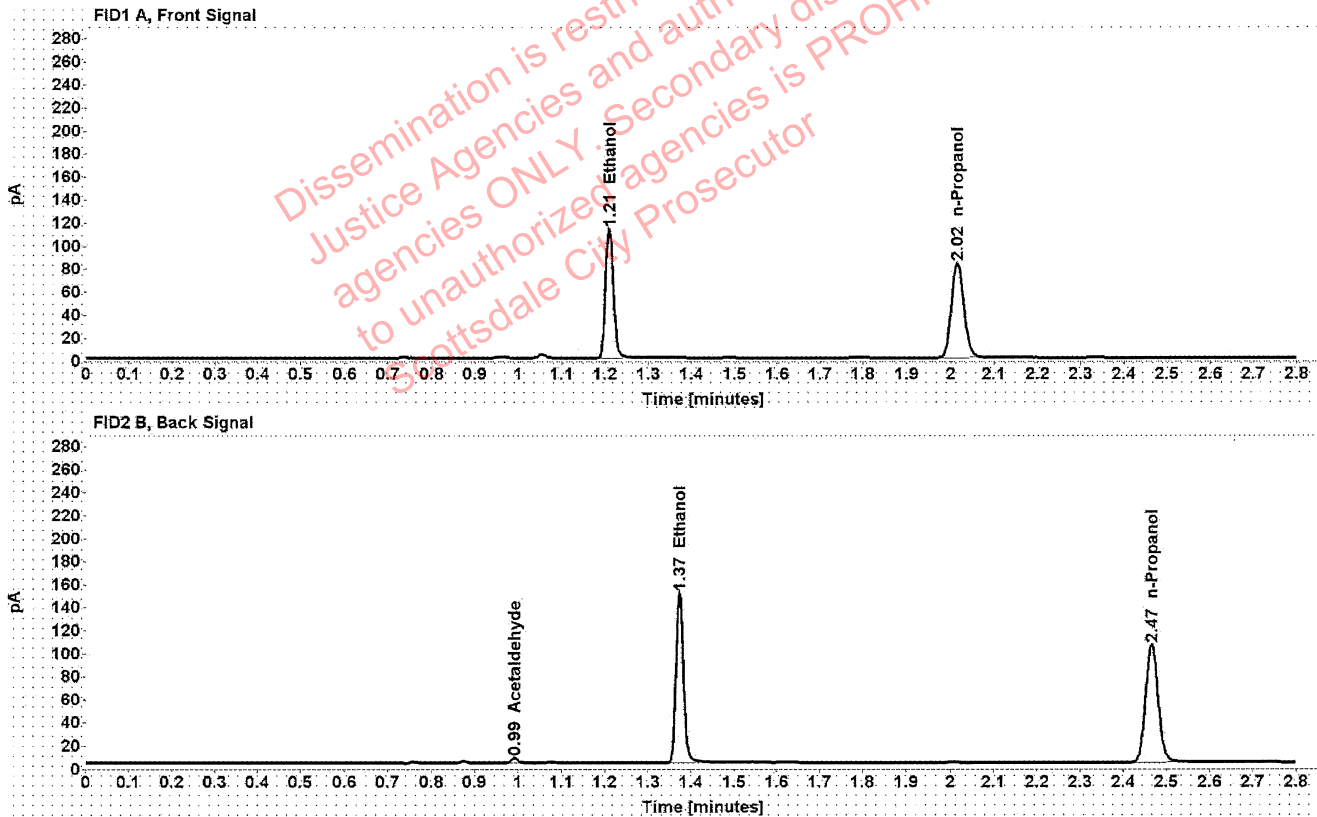


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2269	1.209	143.822
n-Propanol	-----	2.015	165.091

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.997
Ethanol	1.373	181.301
n-Propanol	2.466	206.575

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1354106	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:51:32 PM
Data file:	C:\Chem32\1\Data\14Jul21\30.D	Analyst:	Abbott

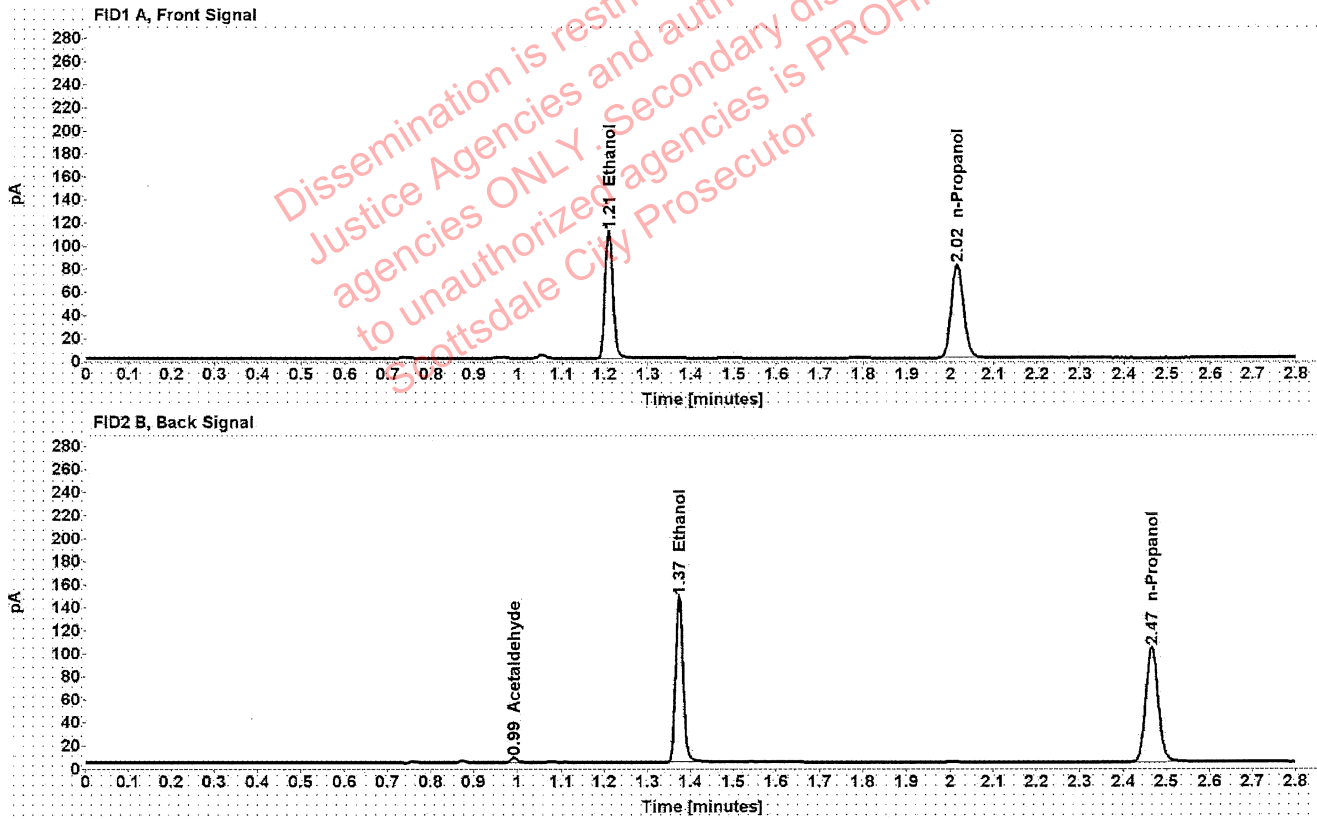


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2263	1.209	140.683
n-Propanol	-----	2.015	161.955

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.951
Ethanol	1.373	177.244
n-Propanol	2.466	202.677

[REDACTED]: Abbott, Lori - (15-Jul-2021)

Case: [REDACTED] User: LAbbott 7/15/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380469	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 4:59:48 PM
Data file:	C:\Chem32\1\Data\14Jul21\32.D	Analyst:	Abbott

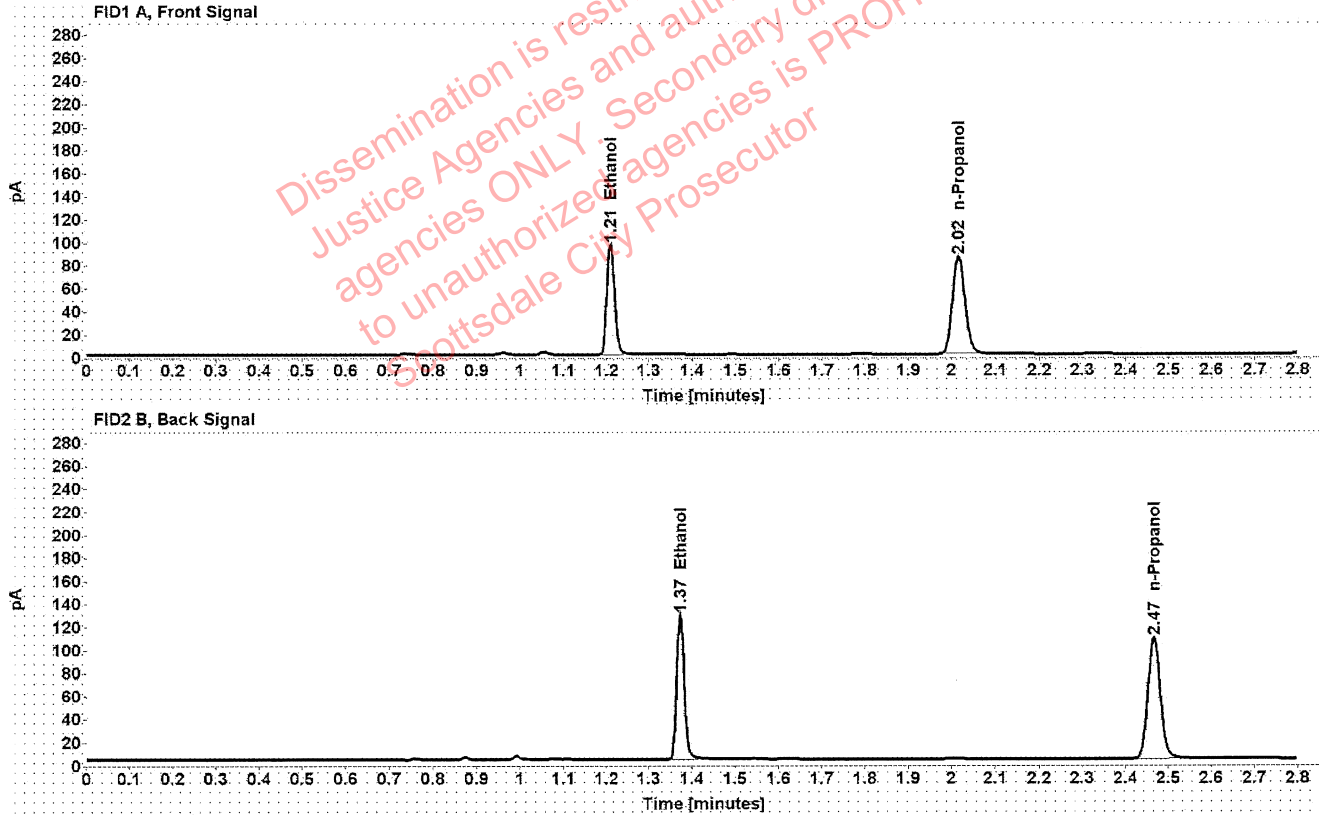


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1881	1.209	122.539
n-Propanol	-----	2.015	169.931

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

Compound	Time (min)	Peak Area
Ethanol	1.373	154.136
n-Propanol	2.466	212.825

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380469	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:03:47 PM
Data file:	C:\Chem32\1\Data\14Jul21\33.D	Analyst:	Abbott

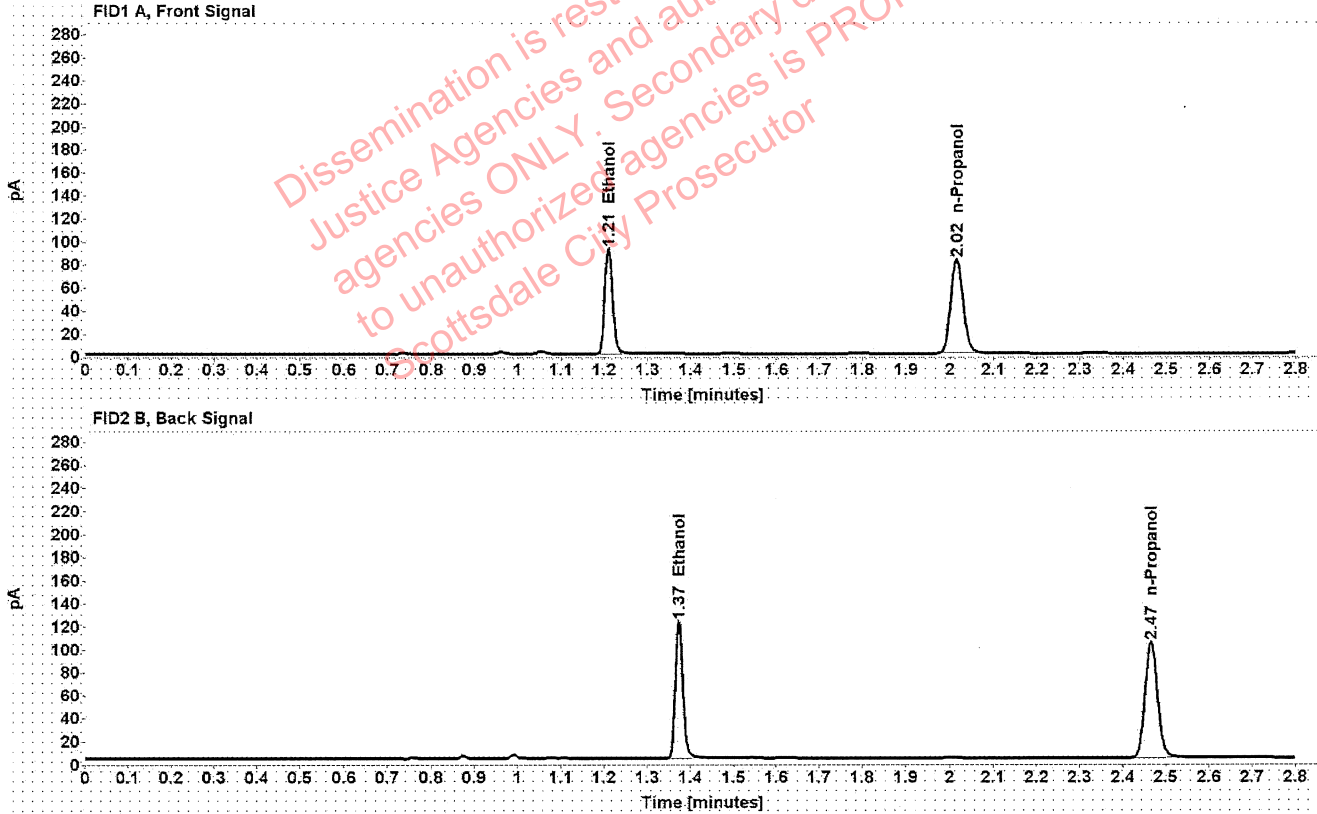


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1869	1.209	116.824
n-Propanol	-----	2.016	163.037

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

Compound	Time (min)	Peak Area
Ethanol	1.373	146.501
n-Propanol	2.466	204.042

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379051	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:07:48 PM
Data file:	C:\Chem32\1\Data\14Jul21\34.D	Analyst:	Abbott

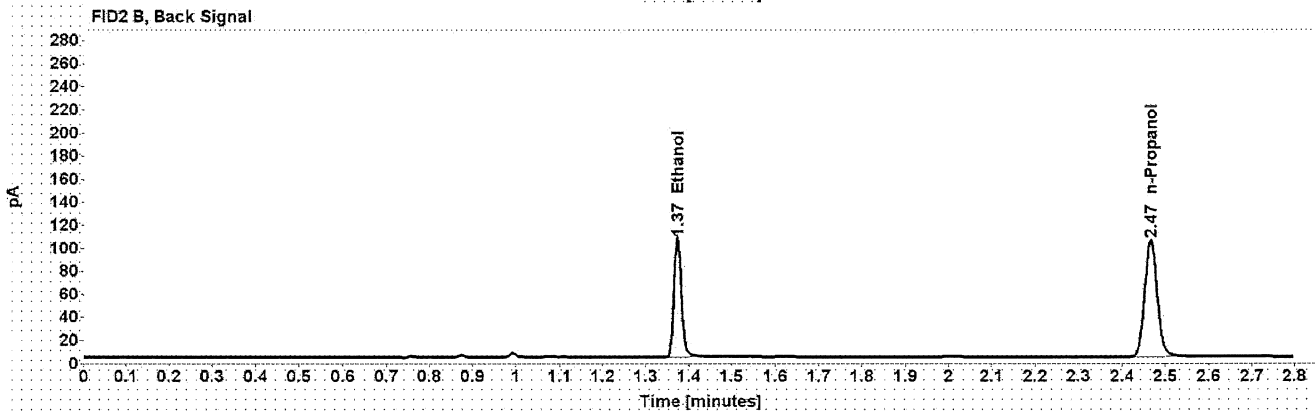
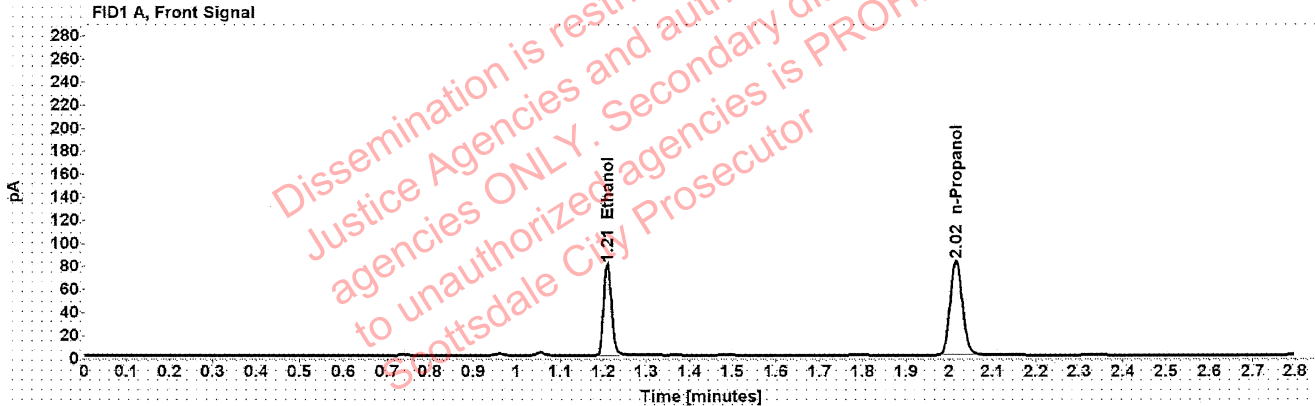


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1616	1.210	101.489
n-Propanol	-----	2.016	163.983

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

Compound	Time (min)	Peak Area
Ethanol	1.373	127.331
n-Propanol	2.466	205.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379051	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:11:47 PM
Data file:	C:\Chem32\1\Data\14Jul21\35.D	Analyst:	Abbott

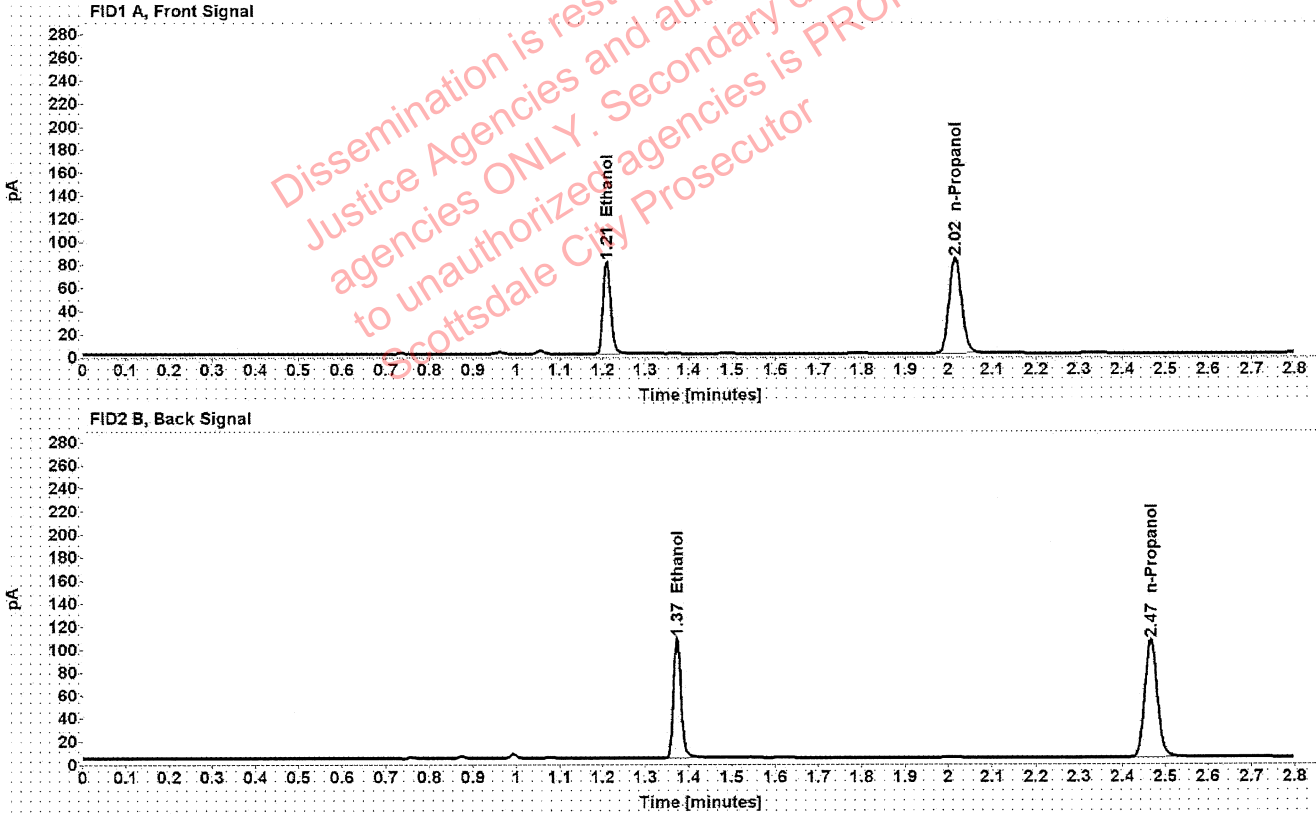


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1616	1.210	102.342
n-Propanol	-----	2.016	165.398

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

Compound	Time (min)	Peak Area
Ethanol	1.373	128.282
n-Propanol	2.466	207.152

[REDACTED]: Abbott, Lori - (15-Jul-2021)

Case: [REDACTED] User: LAbbott 7/15/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380017	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:15:47 PM
Data file:	C:\Chem32\1\Data\14Jul21\36.D	Analyst:	Abbott

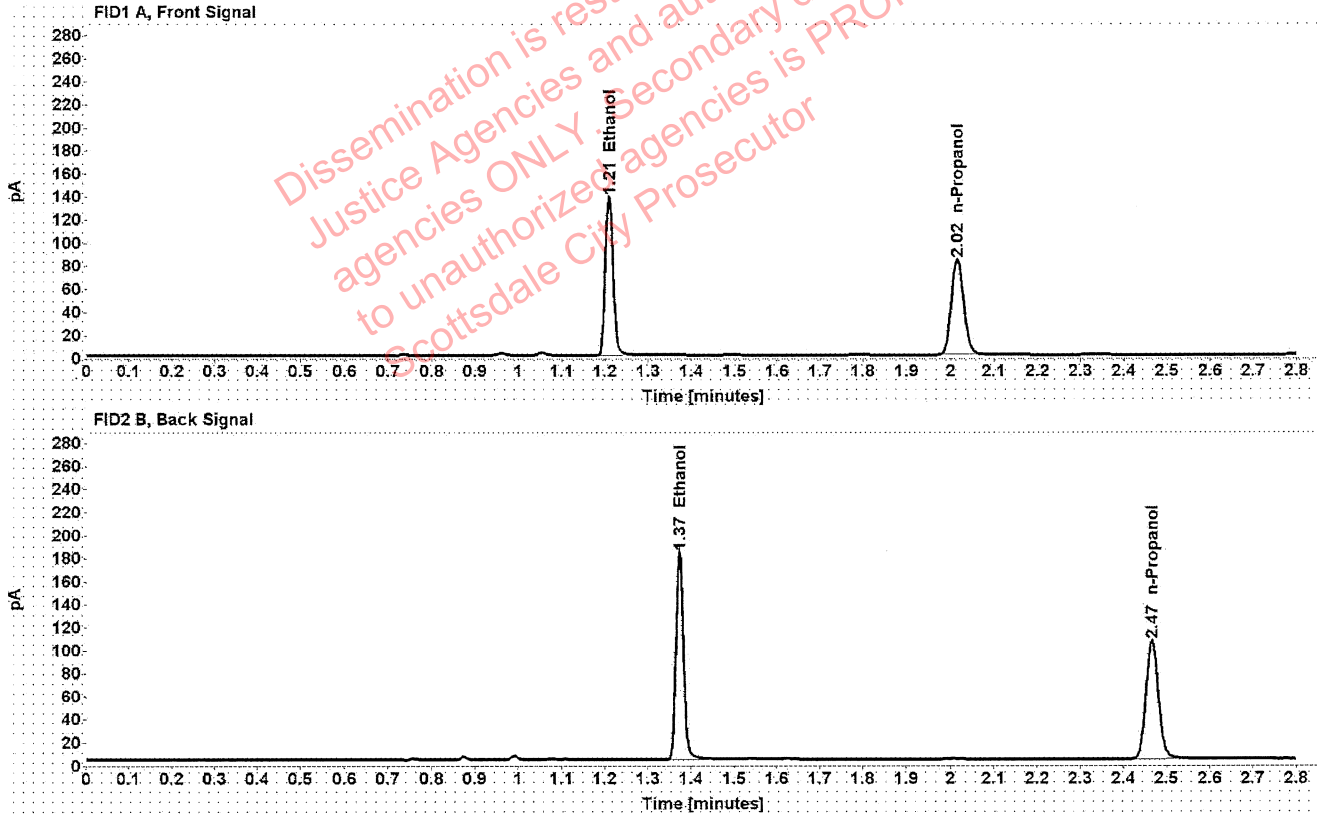


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2764	1.209	175.382
n-Propanol	-----	2.015	165.092

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

Compound	Time (min)	Peak Area
Ethanol	1.373	222.180
n-Propanol	2.466	207.123

[REDACTED]: Abbott, Lori - (15-Jul-2021)

Case: [REDACTED] User: LAbbott 7/15/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380017	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:20:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\37.D	Analyst:	Abbott

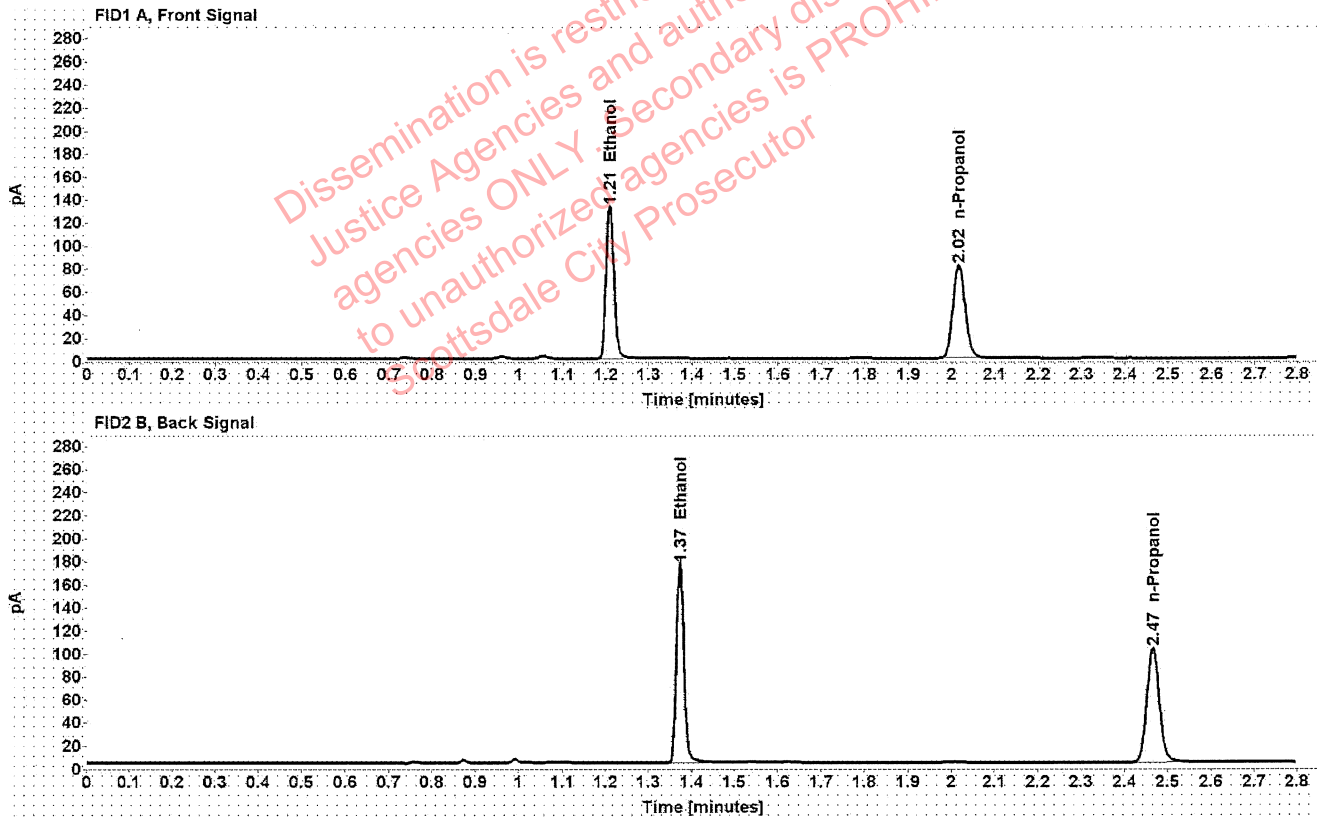


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2733	1.209	168.606
n-Propanol	-----	2.015	160.550

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

Compound	Time (min)	Peak Area
Ethanol	1.373	213.512
n-Propanol	2.466	201.422

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379852	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:24:03 PM
Data file:	C:\Chem32\1\Data\14Jul21\38.D	Analyst:	Abbott

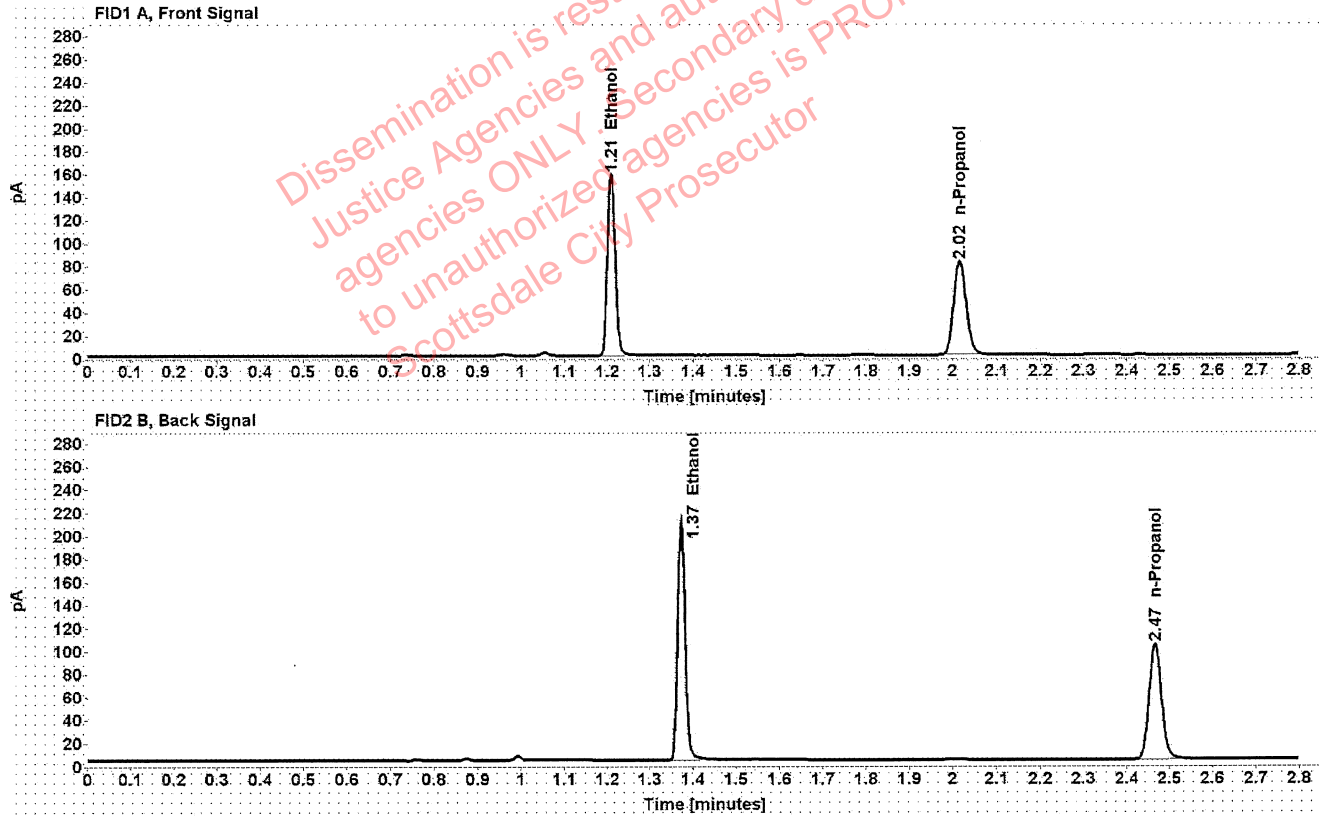


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3215	1.209	200.731
n-Propanol	-----	2.016	162.310

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

Compound	Time (min)	Peak Area
Ethanol	1.373	253.000
n-Propanol	2.466	203.000

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379852	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:28:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\39.D	Analyst:	Abbott

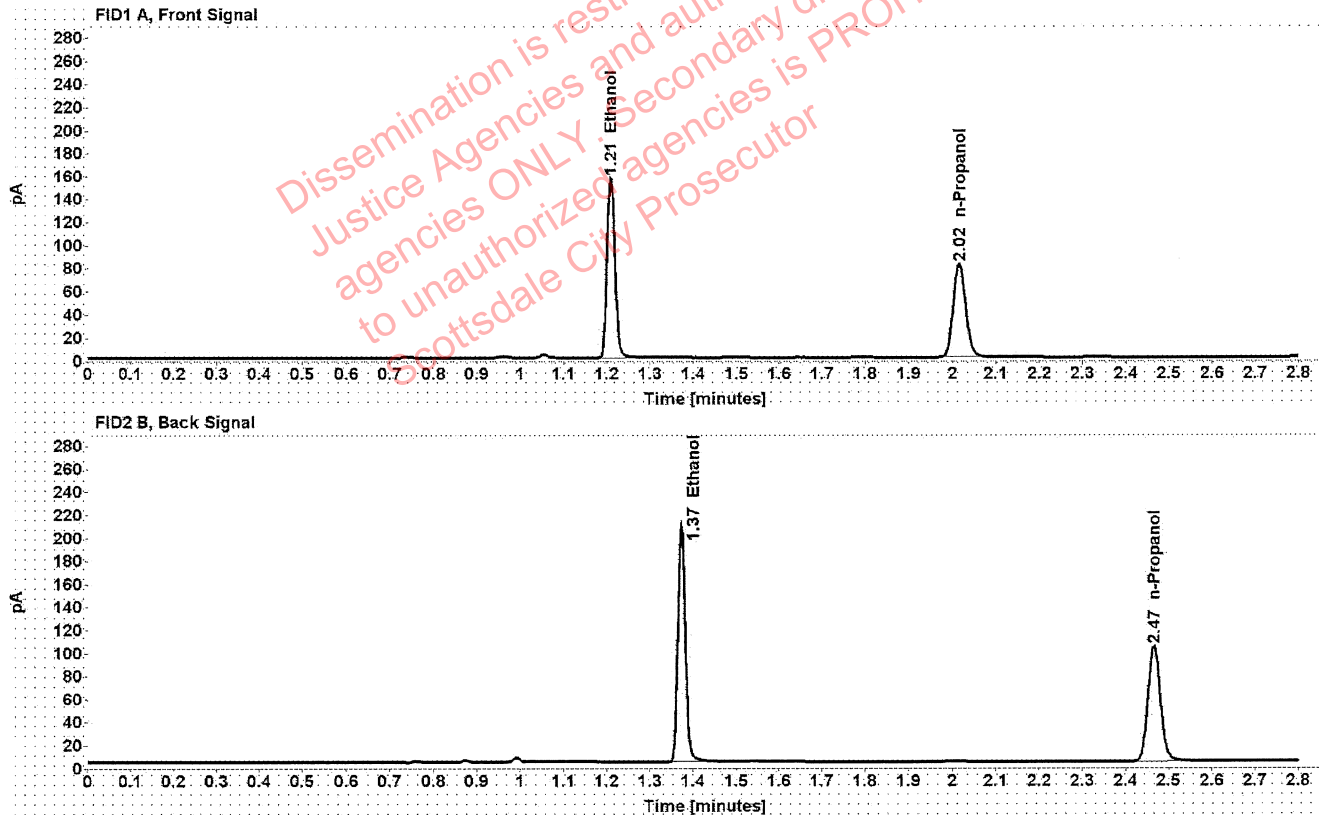


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3202	1.209	199.604
n-Propanol	-----	2.016	162.089

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

Compound	Time (min)	Peak Area
Ethanol	1.373	251.214
n-Propanol	2.466	202.674

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380141	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:32:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\40.D	Analyst:	Abbott

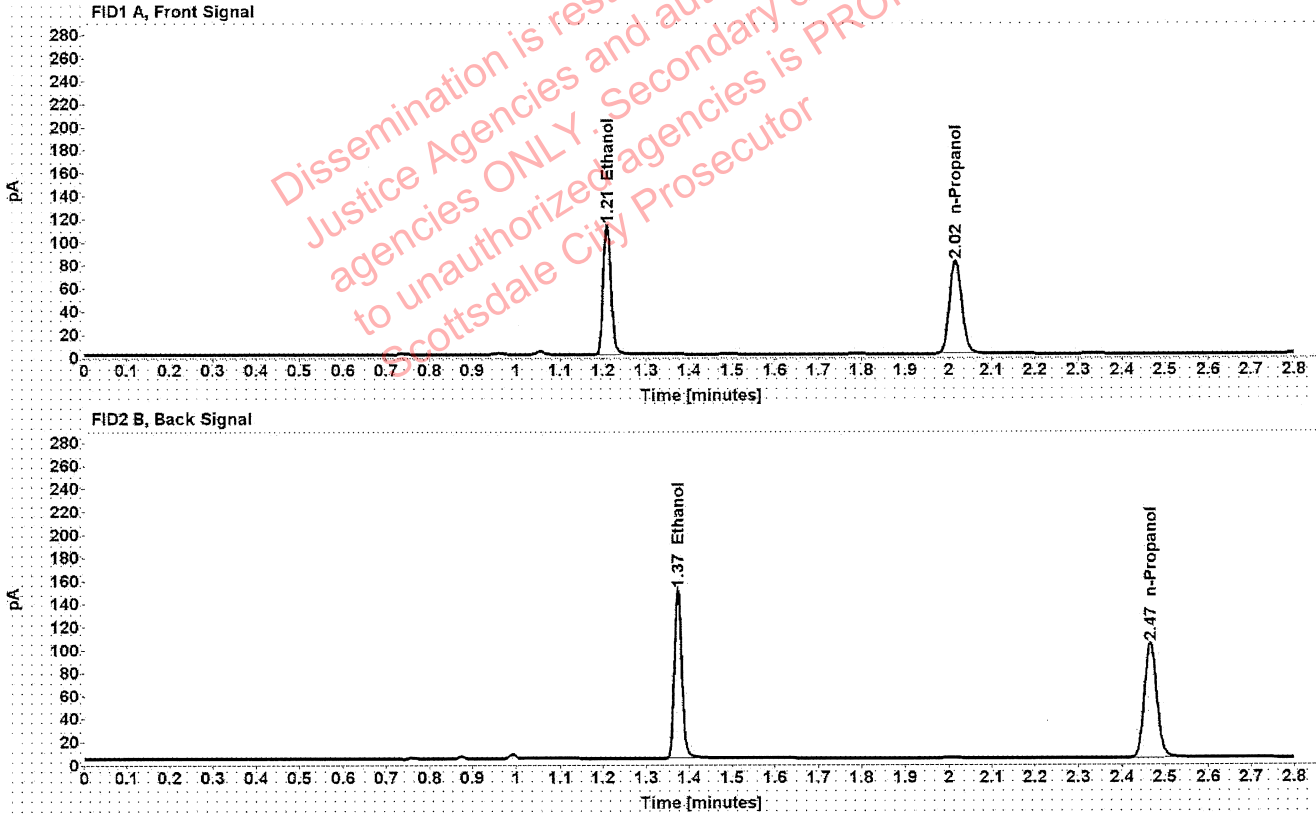


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2309	1.209	143.111
n-Propanol	-----	2.015	161.422

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

Compound	Time (min)	Peak Area
Ethanol	1.373	180.086
n-Propanol	2.466	201.853

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380141	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:36:02 PM
Data file:	C:\Chem32\1\Data\14Jul21\41.D	Analyst:	Abbott

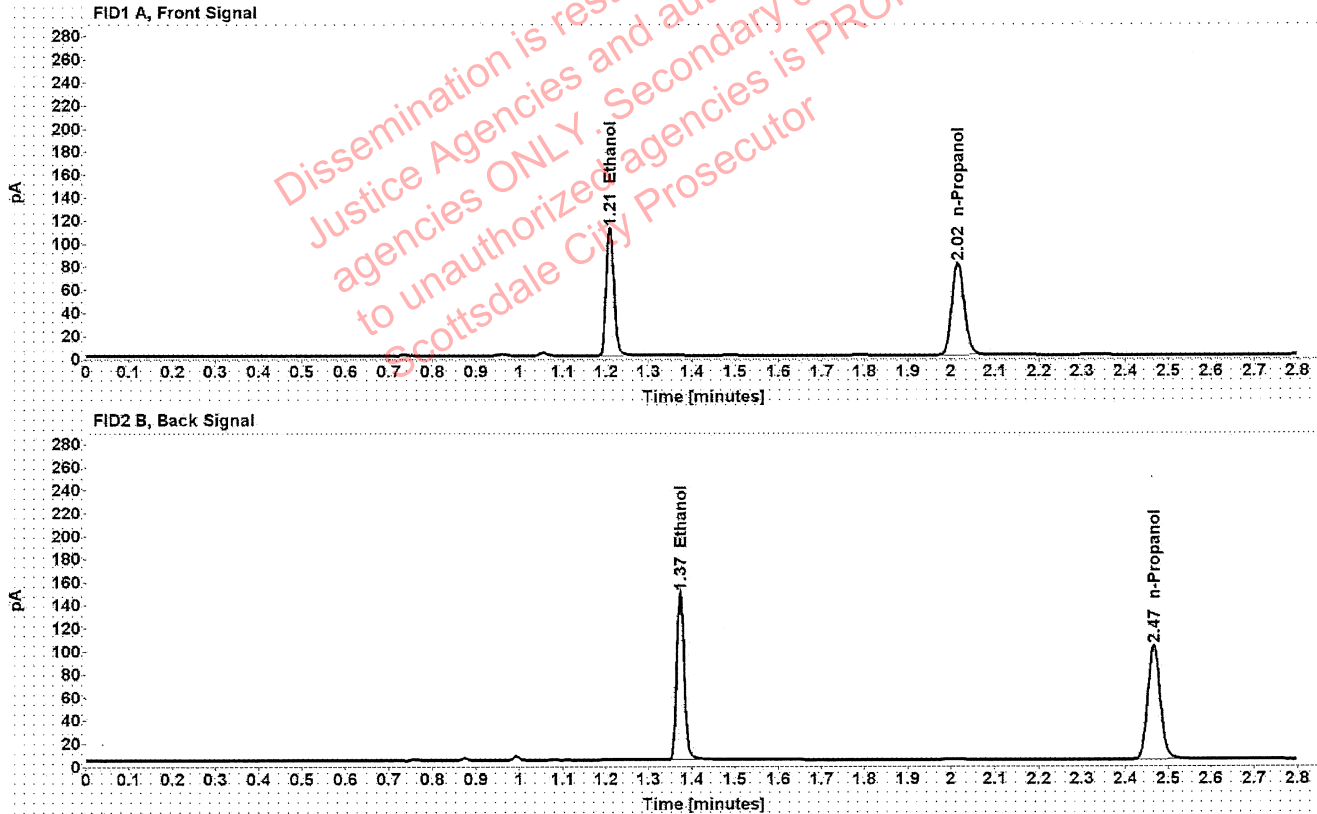


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2308	1.209	141.518
n-Propanol	-----	2.015	159.708

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

Compound	Time (min)	Peak Area
Ethanol	1.373	178.175
n-Propanol	2.466	199.864

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380021	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:44:18 PM
Data file:	C:\Chem32\1\Data\14Jul21\43.D	Analyst:	Abbott

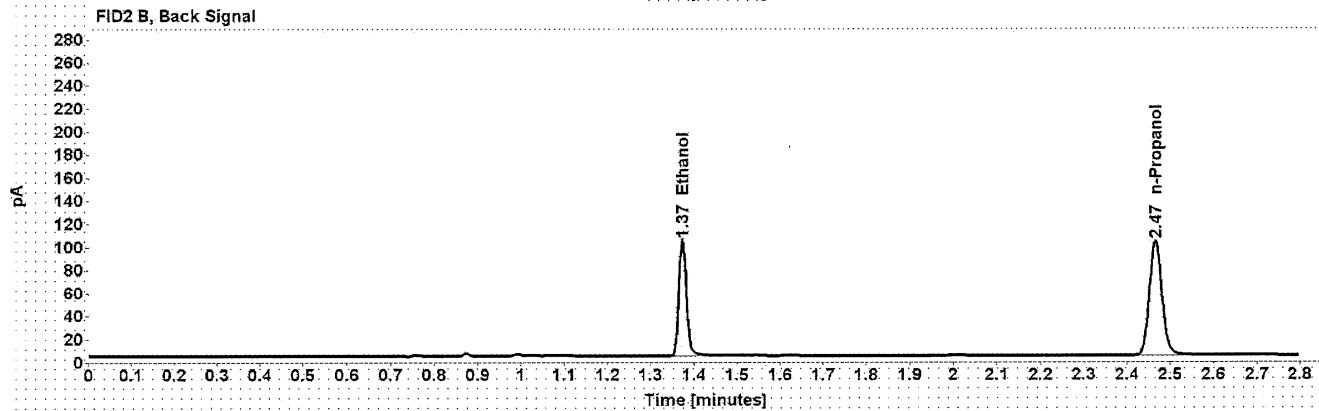
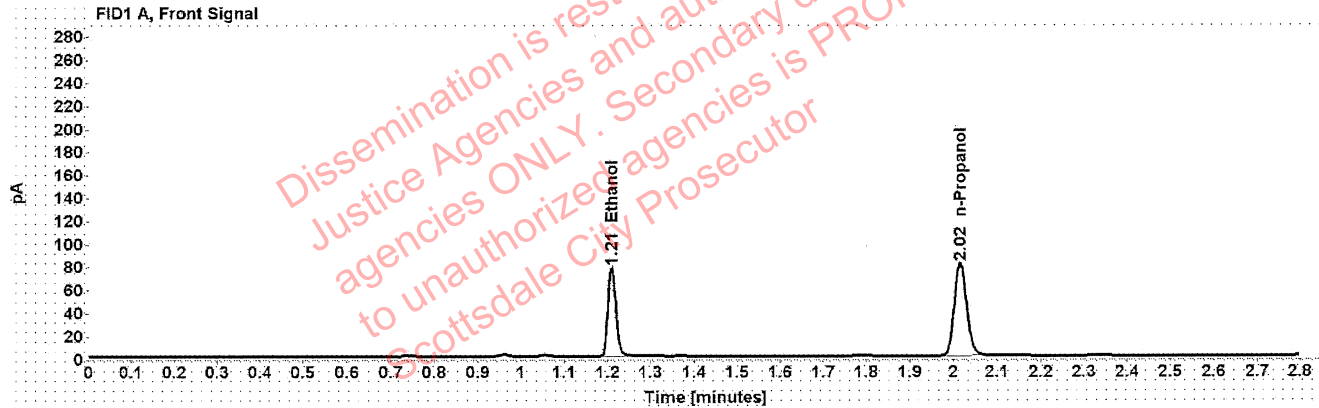


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1604	1.210	98.795
n-Propanol	-----	2.015	160.877

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

Compound	Time (min)	Peak Area
Ethanol	1.373	124.213
n-Propanol	2.466	202.594

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380021	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:48:17 PM
Data file:	C:\Chem32\1\Data\14Jul21\44.D	Analyst:	Abbott

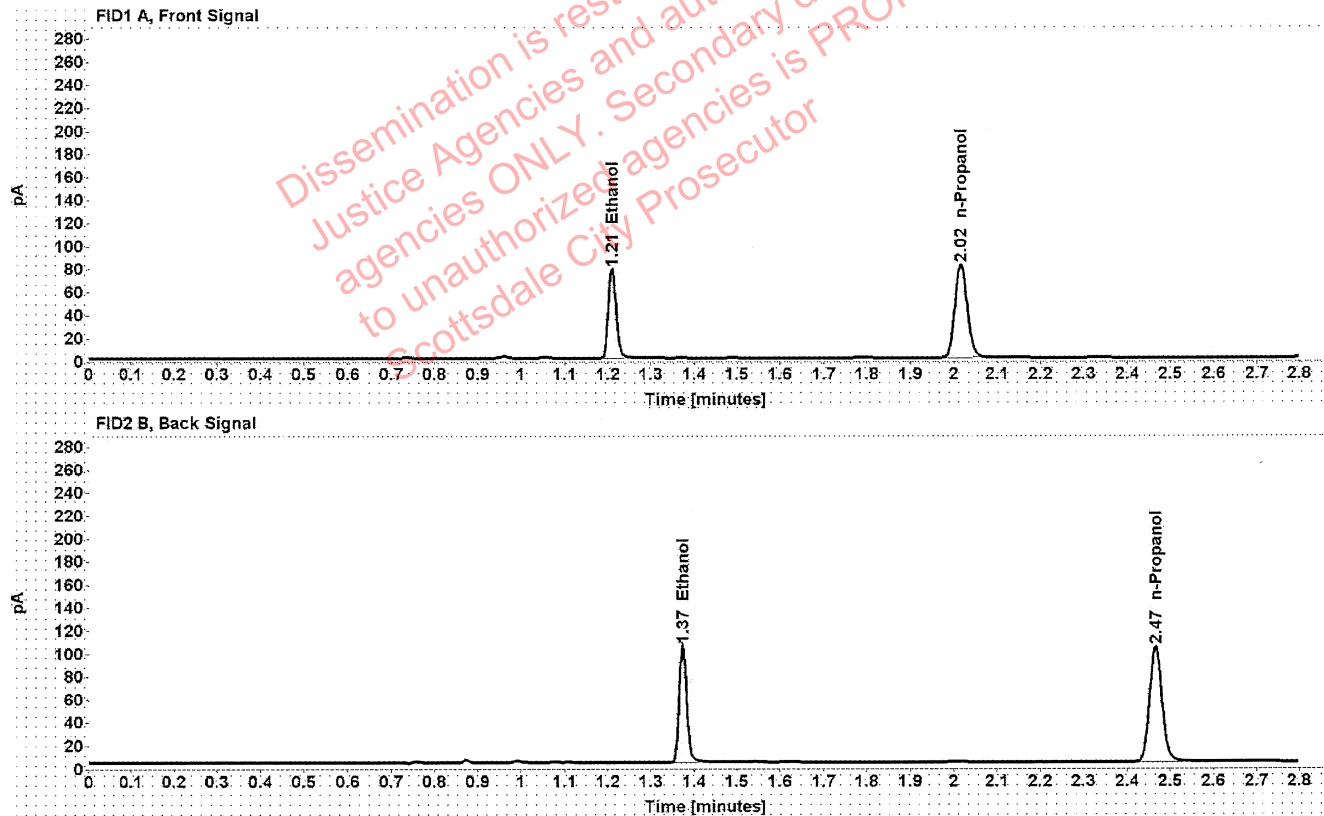


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1603	1.210	99.563
n-Propanol	-----	2.015	162.241

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

Compound	Time (min)	Peak Area
Ethanol	1.373	125.324
n-Propanol	2.466	204.158

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380039	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:52:18 PM
Data file:	C:\Chem32\1\Data\14Jul21\45.D	Analyst:	Abbott

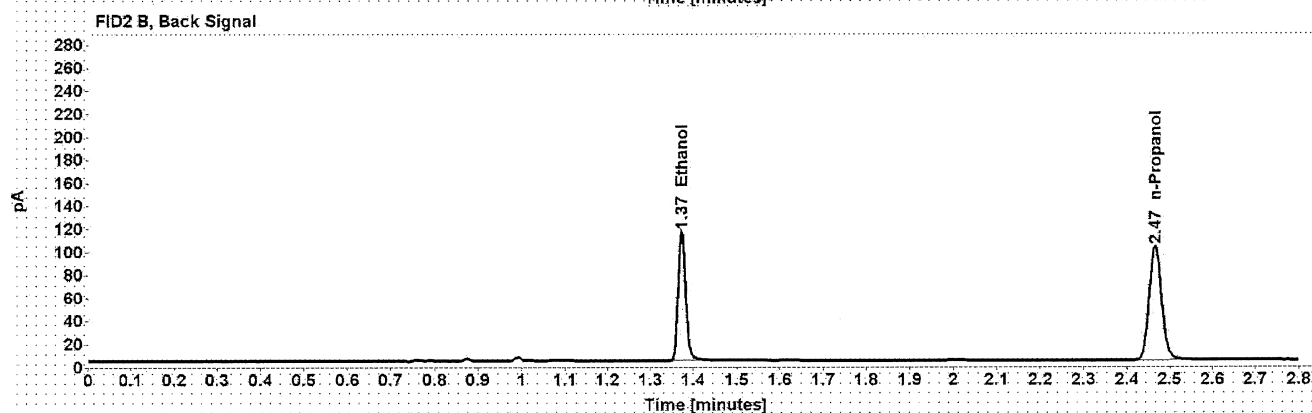
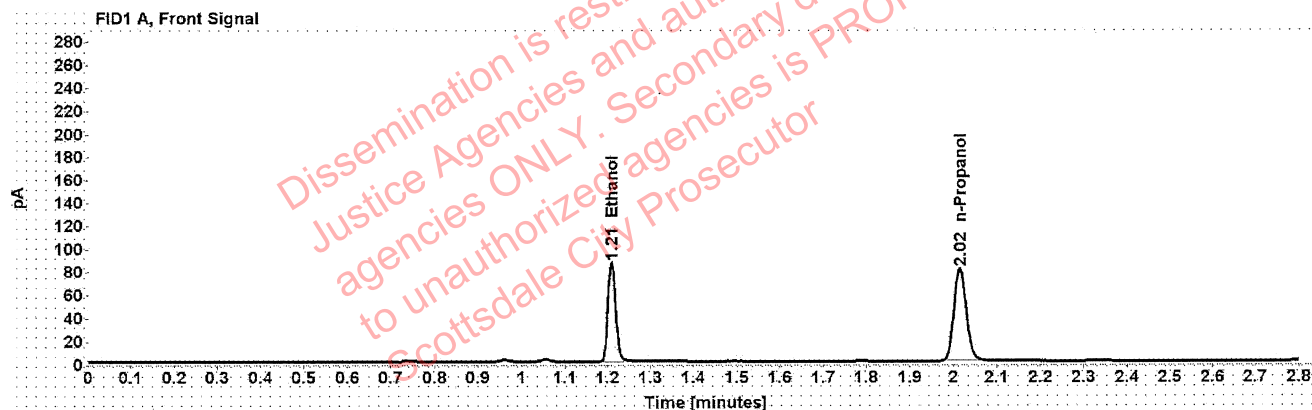


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1787	1.209	109.715
n-Propanol	-----	2.016	160.212

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

Compound	Time (min)	Peak Area
Ethanol	1.373	137.757
n-Propanol	2.466	200.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380039	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 5:56:18 PM
Data file:	C:\Chem32\1\Data\14Jul21\46.D	Analyst:	Abbott

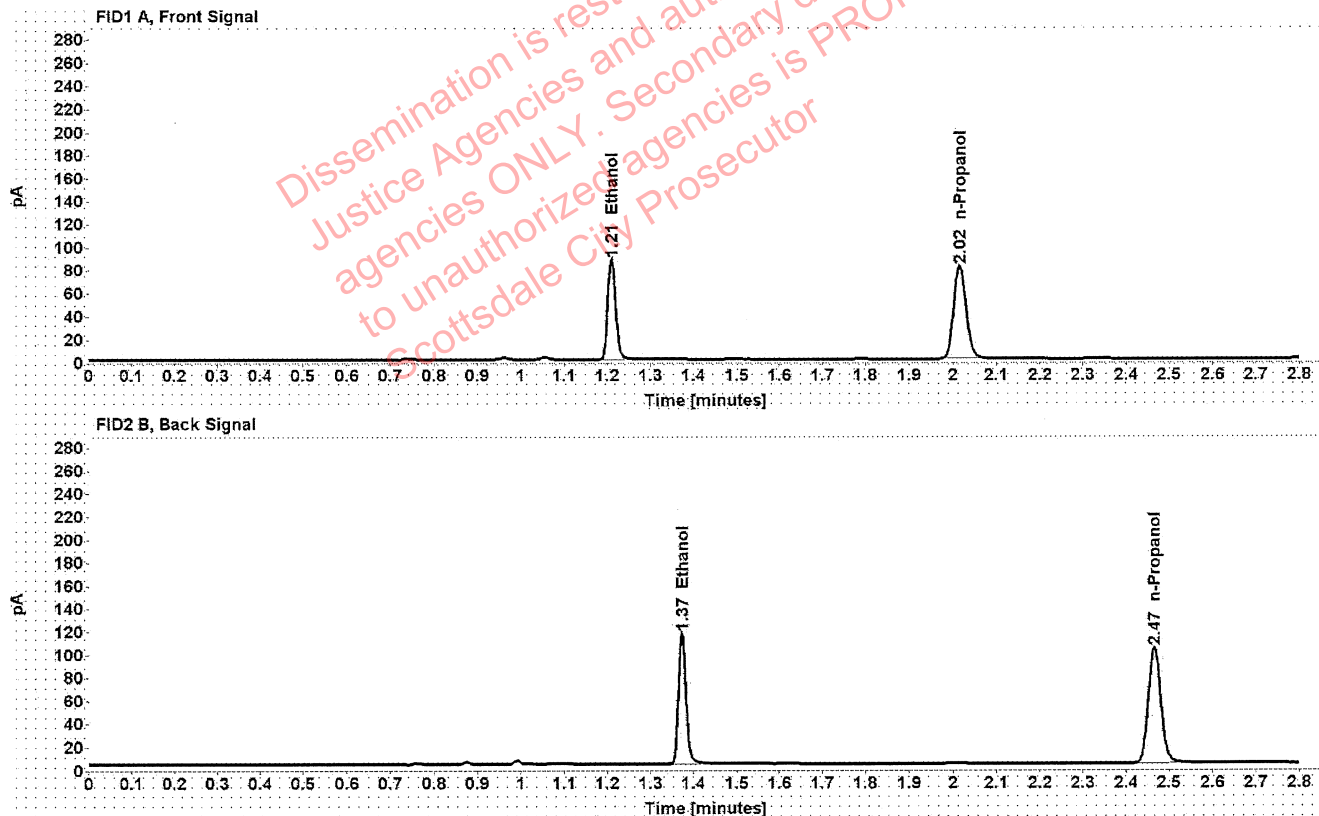


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1795	1.210	110.981
n-Propanol	-----	2.016	161.358

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

Compound	Time (min)	Peak Area
Ethanol	1.373	139.727
n-Propanol	2.466	202.186

Abbott, Lori - (15-Jul-2021)

Case: User: LAbbott 7/15/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380139	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:00:17 PM
Data file:	C:\Chem32\1\Data\14Jul21\47.D	Analyst:	Abbott

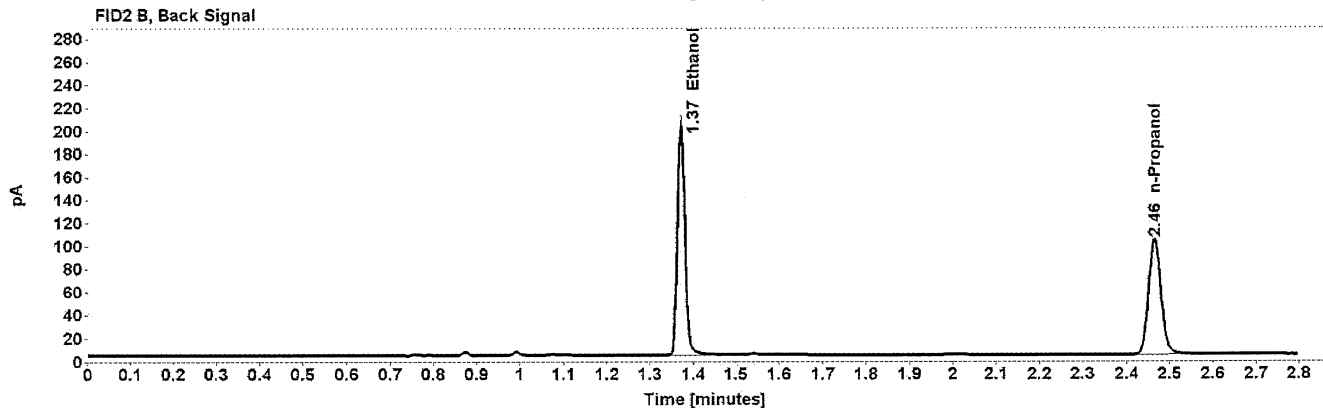
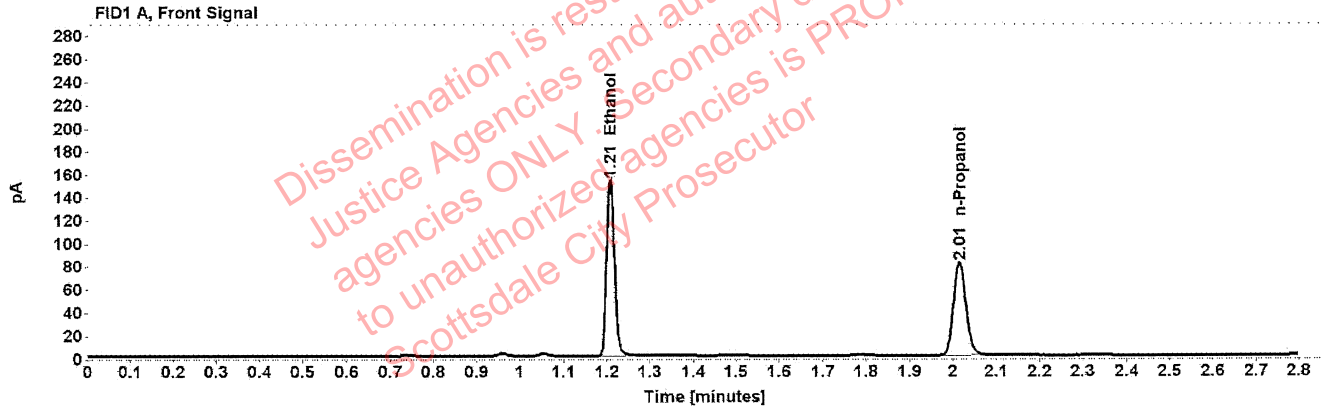


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3136	1.208	194.473
n-Propanol	-----	2.015	161.271

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

Compound	Time (min)	Peak Area
Ethanol	1.372	246.529
n-Propanol	2.465	201.907

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380139	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:04:17 PM
Data file:	C:\Chem32\1\Data\14Jul21\48.D	Analyst:	Abbott

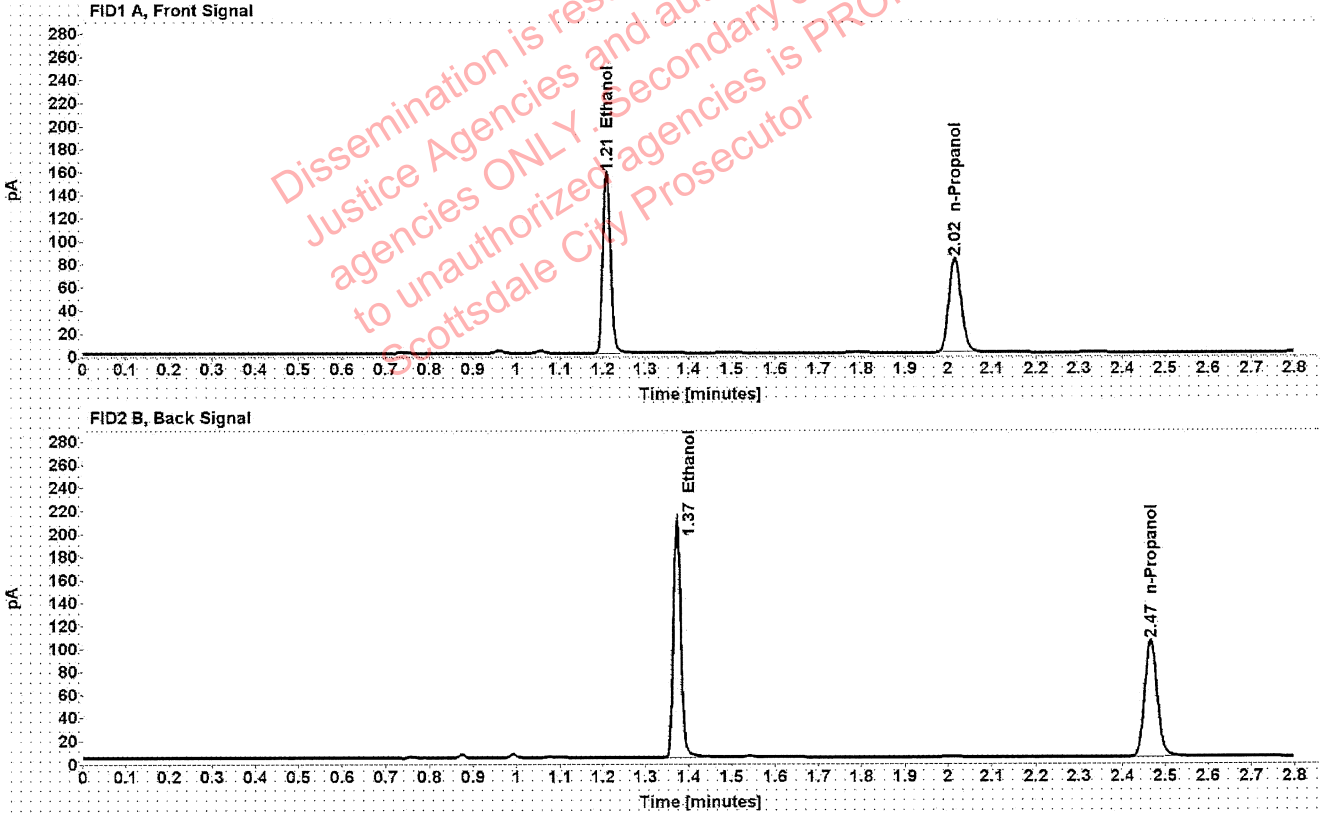


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3177	1.209	199.580
n-Propanol	-----	2.016	163.360

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

Compound	Time (min)	Peak Area
Ethanol	1.373	252.909
n-Propanol	2.466	204.535

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380055	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:08:33 PM
Data file:	C:\Chem32\1\Data\14Jul21\49.D	Analyst:	Abbott

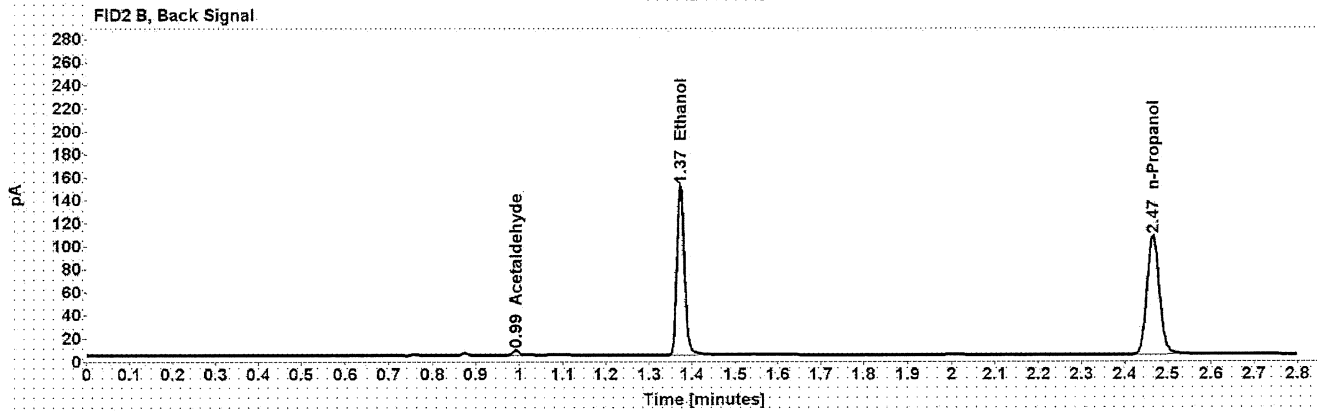
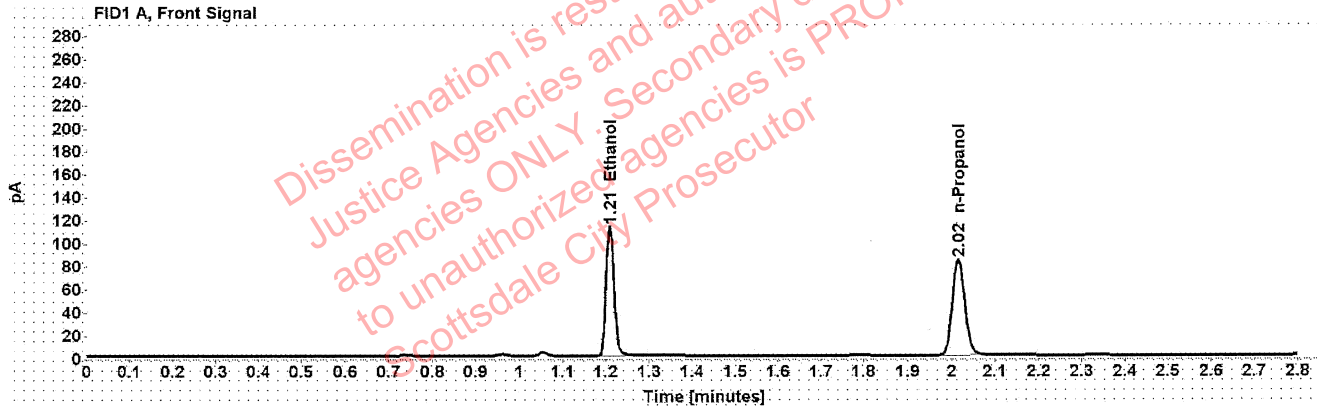


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2253	1.209	143.681
n-Propanol	-----	2.016	166.162

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.184
Ethanol	1.373	180.842
n-Propanol	2.466	207.964

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380055	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:12:33 PM
Data file:	C:\Chem32\1\Data\14Jul21\50.D	Analyst:	Abbott

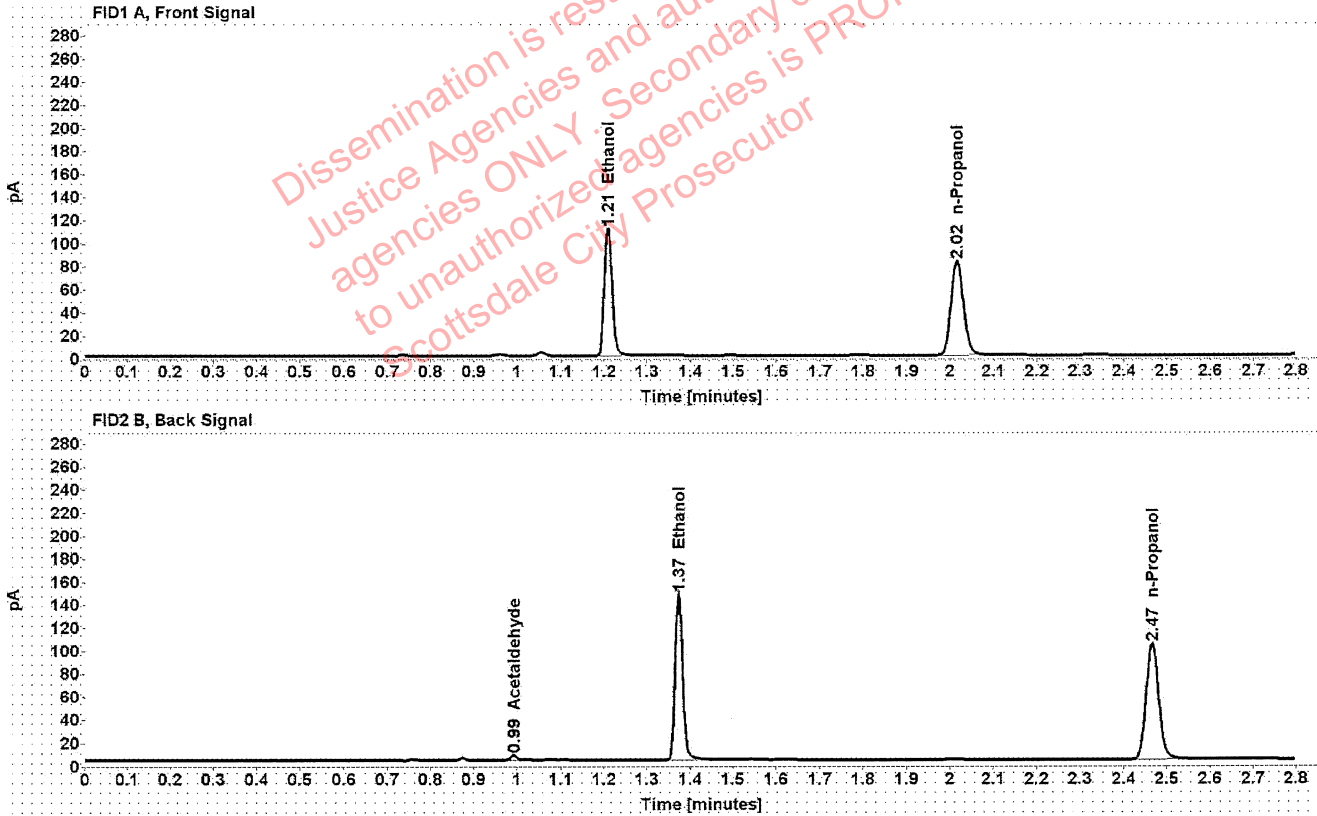


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2251	1.209	140.875
n-Propanol	-----	2.016	163.069

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.137
Ethanol	1.373	177.641
n-Propanol	2.466	204.288

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	51
Description:	ACQ, 0.199	LIMS ID:	verification
Method:	ethanol quant.M	Sequence:	14Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/14/2021 6:16:32 PM
Data file:	C:\Chem321\Data\14Jul21\51.D	Analyst:	Abbott <i>JA</i>

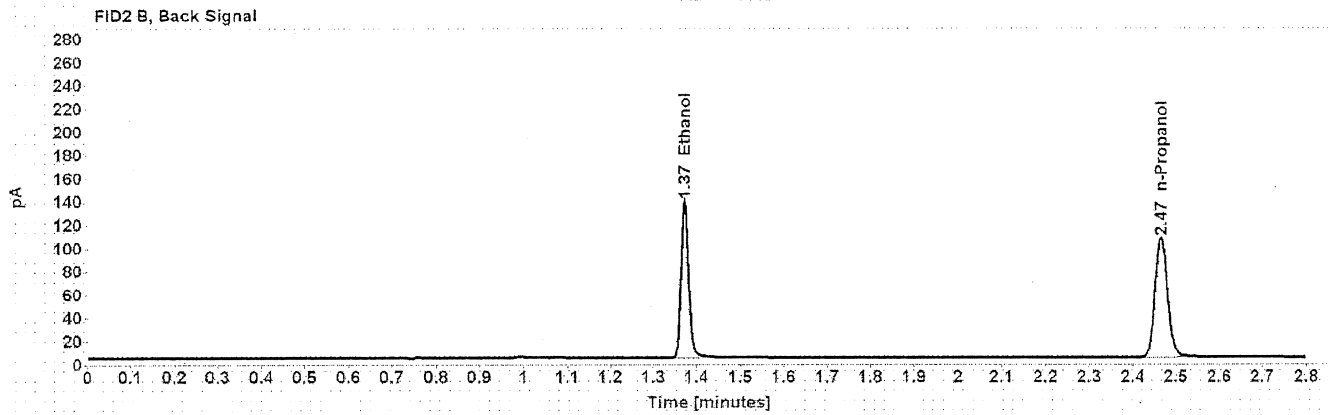
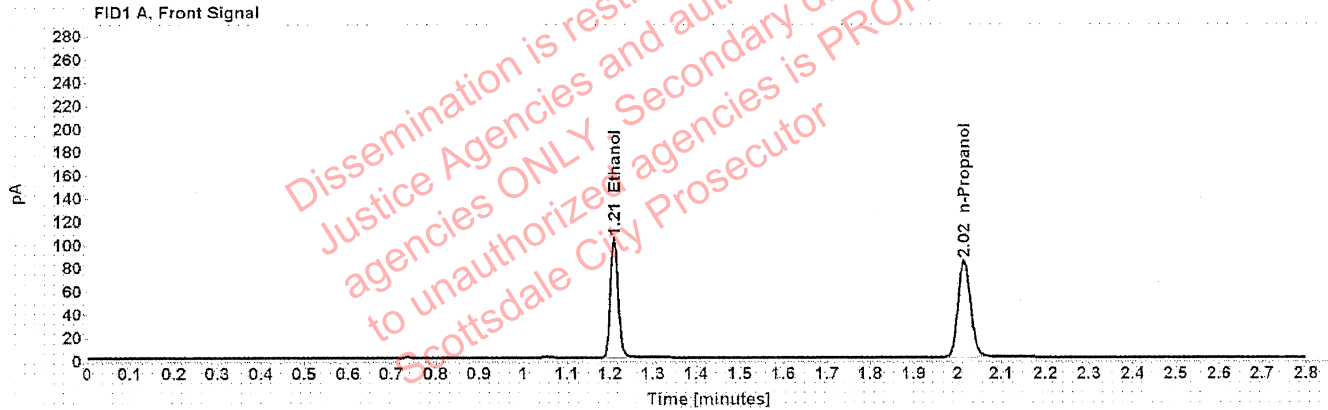


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2058	1.209	132.096
n-Propanol	-----	2.015	167.277

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

Compound	Time (min)	Peak Area
Ethanol	1.373	166.608
n-Propanol	2.466	209.305

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 52
Description: ACQ, 0.199	LIMS ID: verification
Method: ethanol quant.M	Sequence: 14Jul21
Instrument: US14173023 CN14160045	Injection date: 7/14/2021 6:20:32 PM
Data file: C:\Chem32\1\Data\14Jul21\52.D	Analyst: Abbott JA

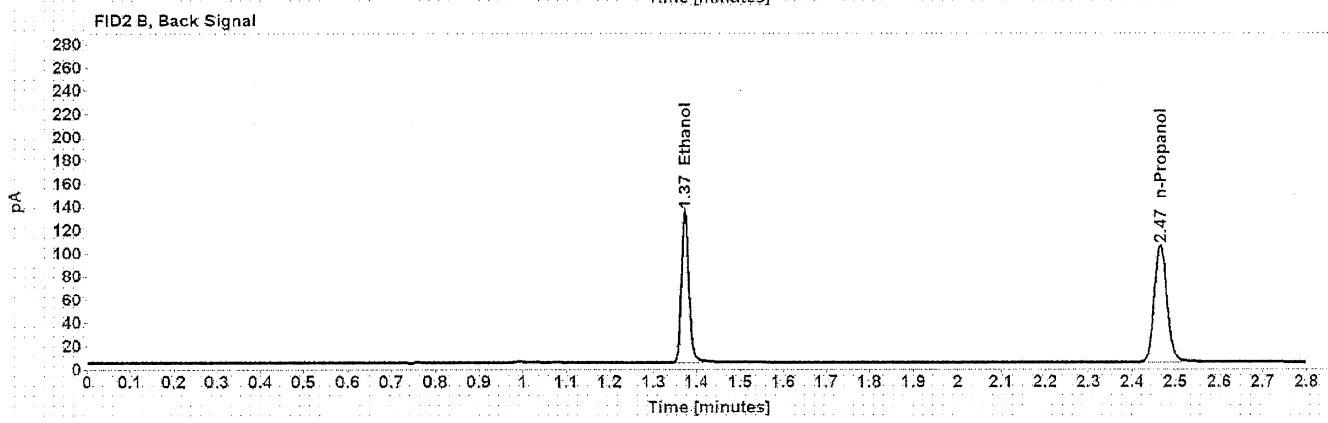
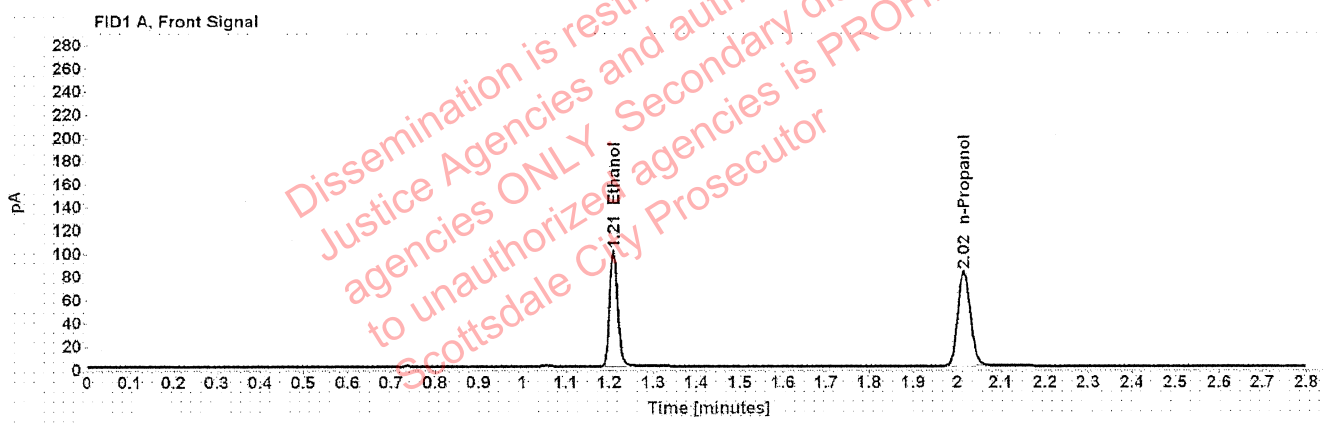


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.209	127.853
n-Propanol	-----	2.015	163.604

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

Compound	Time (min)	Peak Area
Ethanol	1.373	161.344
n-Propanol	2.466	205.033