

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/30/2021 SEQUENCE NAME 30Mar21

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 0.99997
 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 112420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.404 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	0.205 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
42	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.200 g/dL	0.206 g/dL	ACQ 4101018274/9
45	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Shon Abbott Analyst
 Run valid Run invalid Erika Canonico Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

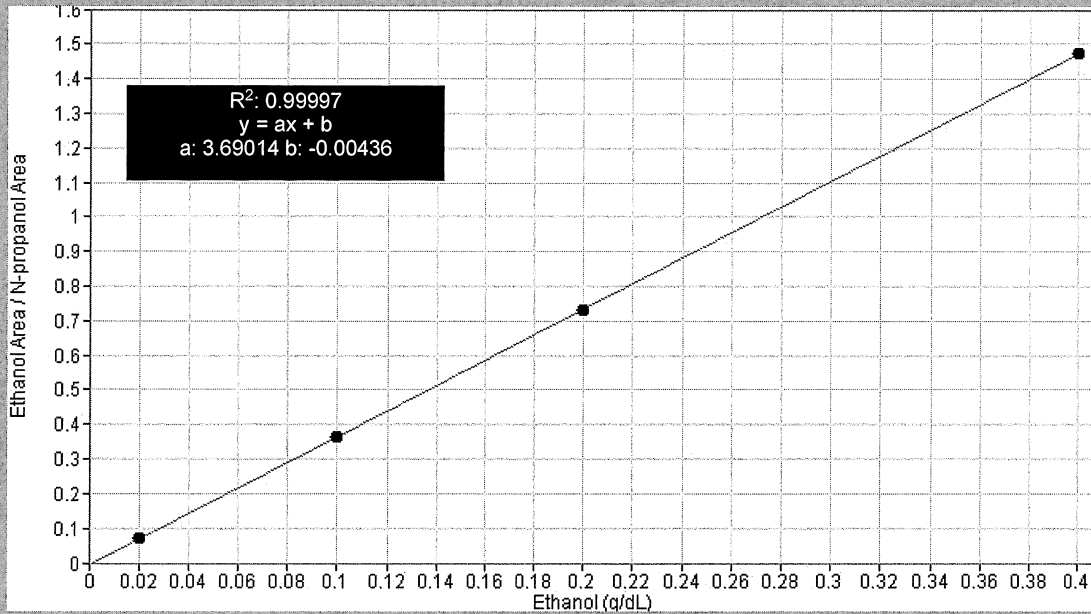
SEQUENCE NAME: 30Mar21

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 112420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.404	0.400	1.00	0.004
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.205	0.200	2.50	0.005
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.400 11092018-A	42	0.402	0.400	0.50	0.002
0.0400 14082019-B	43	0.040	0.040	0.00	0.000
0.200 4101018274/9	44	0.206	0.200	3.00	0.006
blank 111020WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.733	163.953	0.072
0.100	60.014	164.472	0.365
0.200	119.816	164.290	0.729
0.400	239.722	162.665	1.474

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 30Mar21
Method: ethanol quant.M	Injection date: 3/30/2021 11:16:48 AM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem32\1\Data\30Mar21\1.D	

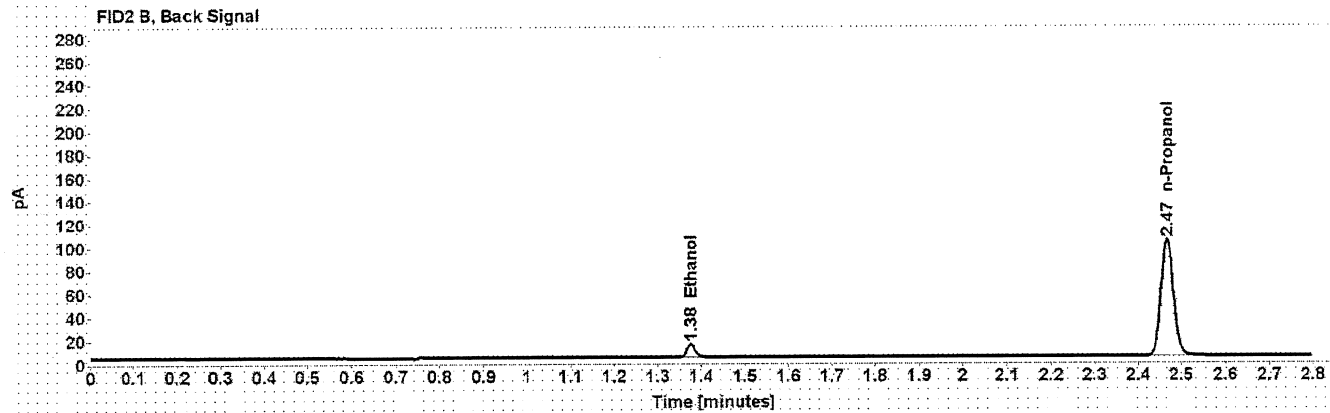
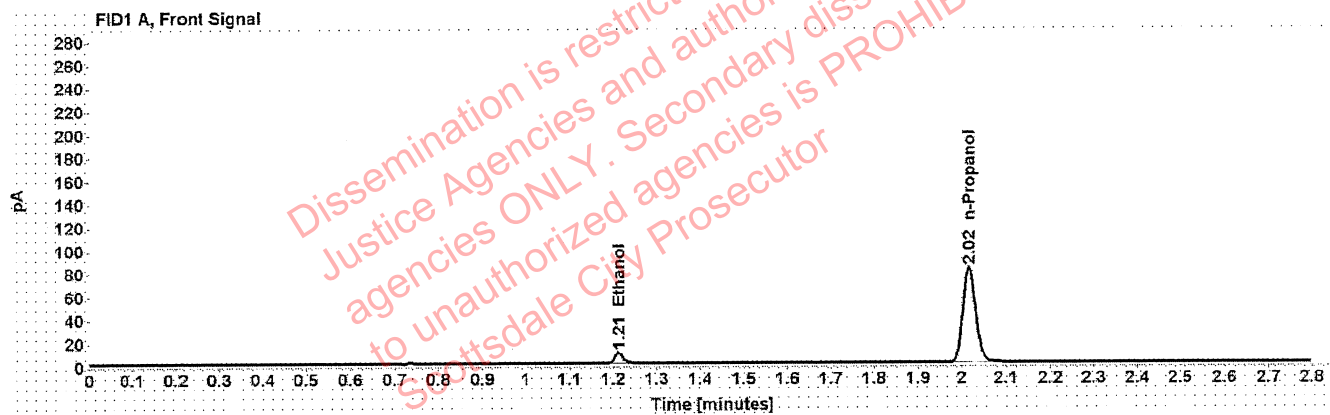


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.733
n-Propanol	2.016	163.953

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.542
n-Propanol	2.467	202.811

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 30Mar21
Method: ethanol quant.M	Injection date: 3/30/2021 11:20:48 AM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\30Mar21\2.D	

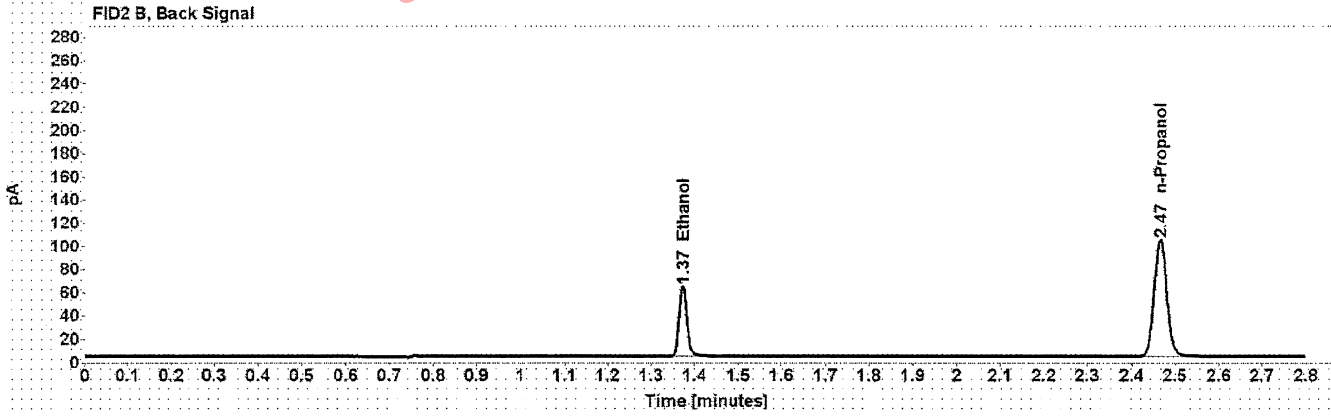
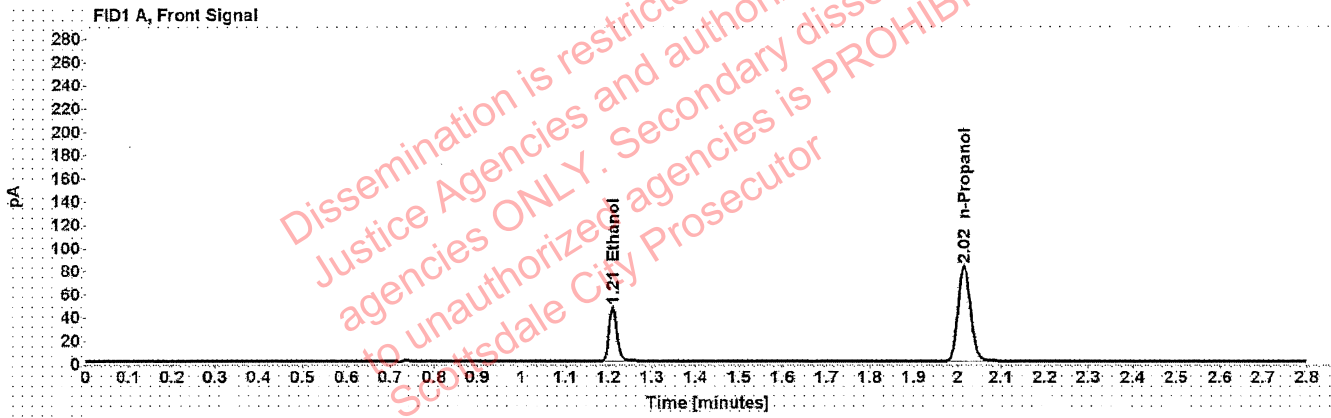


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.014
n-Propanol	2.015	164.472

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

Compound	Time (min)	Peak Area
Ethanol	1.373	74.852
n-Propanol	2.465	203.599

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 30Mar21
Method: ethanol quant.M	Injection date: 3/30/2021 11:24:49 AM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>dh</i>
Data file: C:\Chem32\1\Data\30Mar21\3.D	

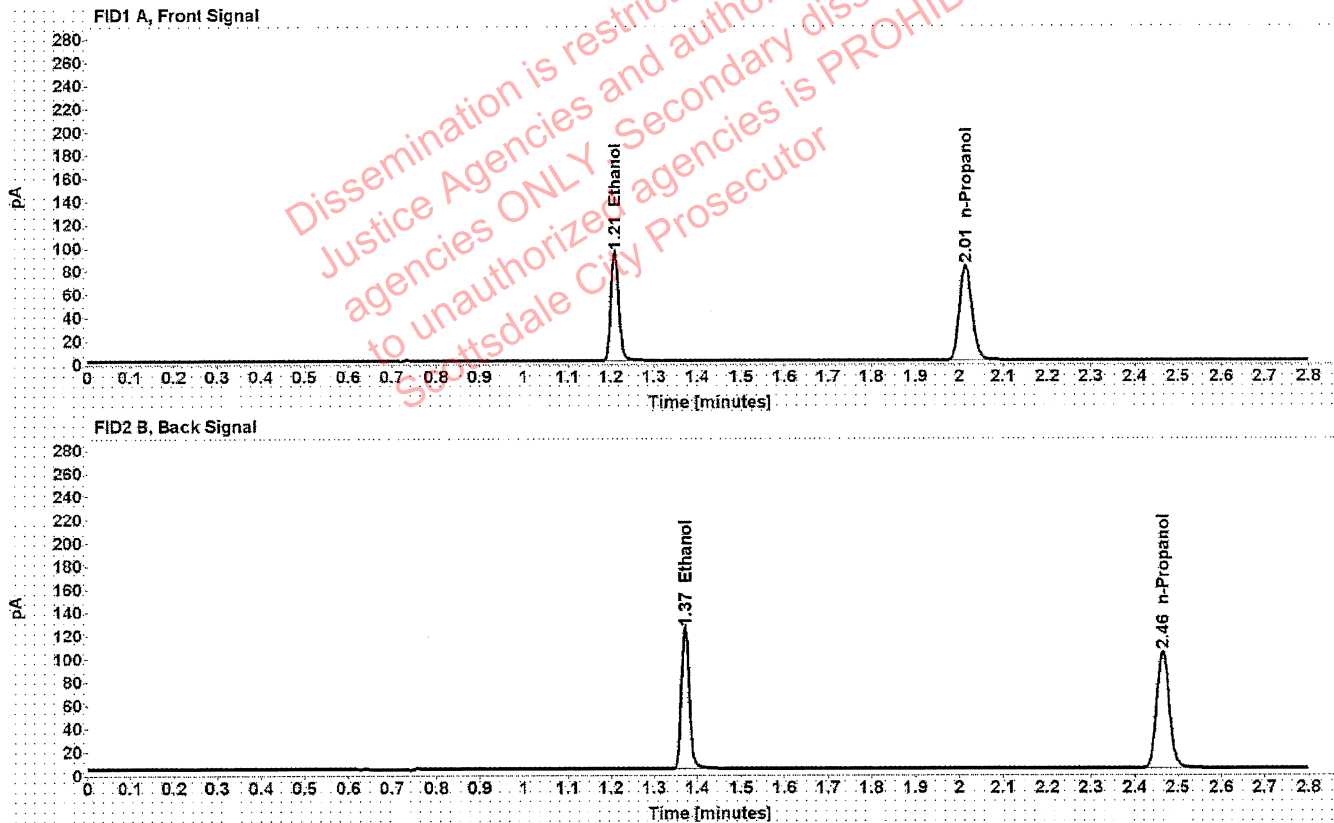


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.816
n-Propanol	2.015	164.290

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

Compound	Time (min)	Peak Area
Ethanol	1.371	149.810
n-Propanol	2.465	203.840

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 30Mar21
Method: ethanol quant.M	Injection date: 3/30/2021 11:28:49 AM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>PA</i>
Data file: C:\Chem321\Data\30Mar21\4.D	

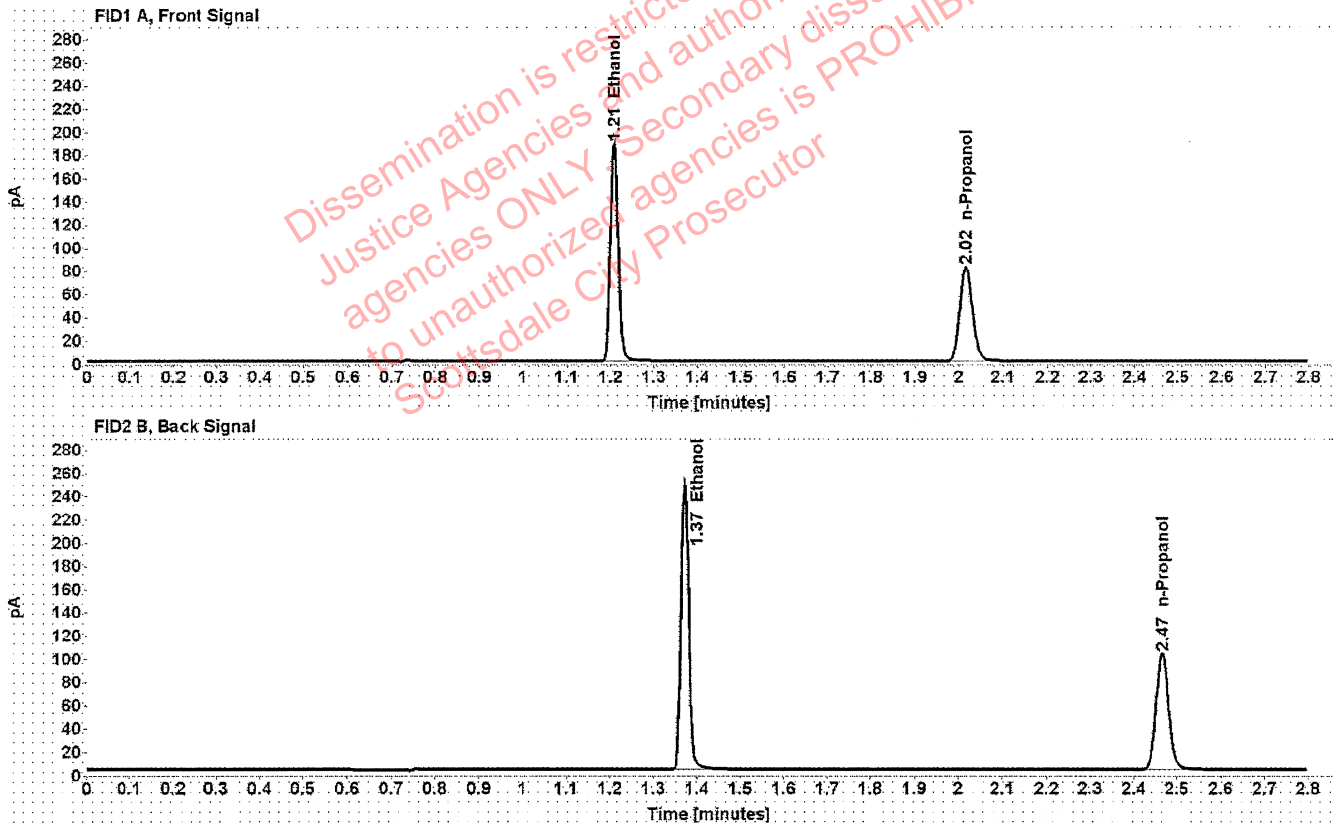


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	239.722
n-Propanol	2.015	162.665

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

Compound	Time (min)	Peak Area
Ethanol	1.372	300.191
n-Propanol	2.466	201.900

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 112420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 11:32:49 AM
Data file: C:\Chem32\1\Data\30Mar21\5.D	Analyst: Abbott <i>JA</i>

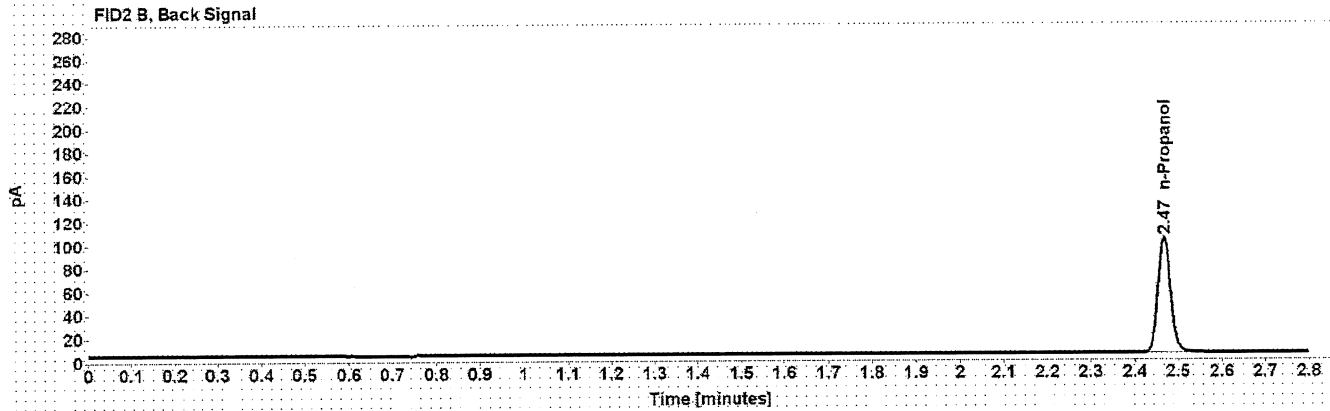
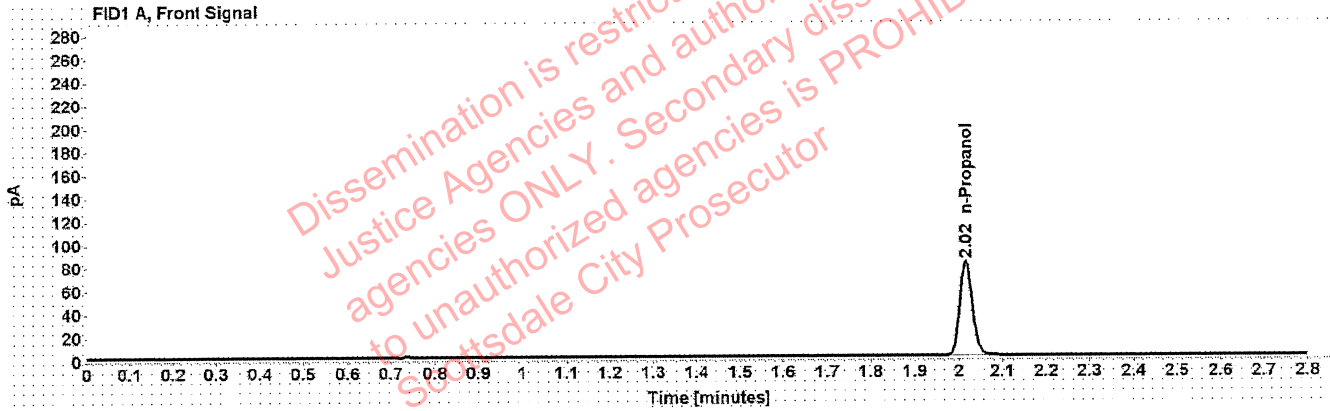


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	162.444

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	200.910

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 11:36:50 AM
Data file: C:\Chem32\1\Data\30Mar21\6.D	Analyst: Abbott <i>pa</i>

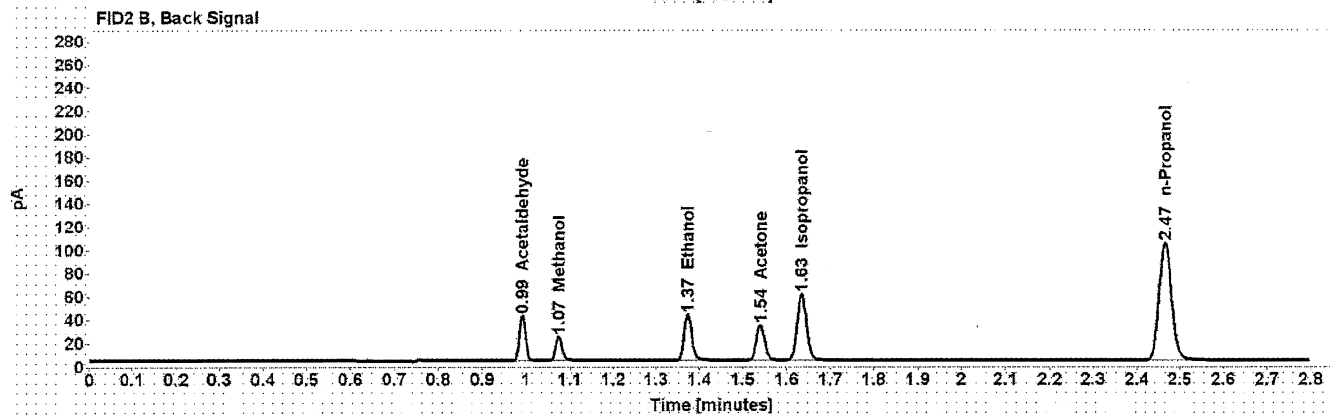
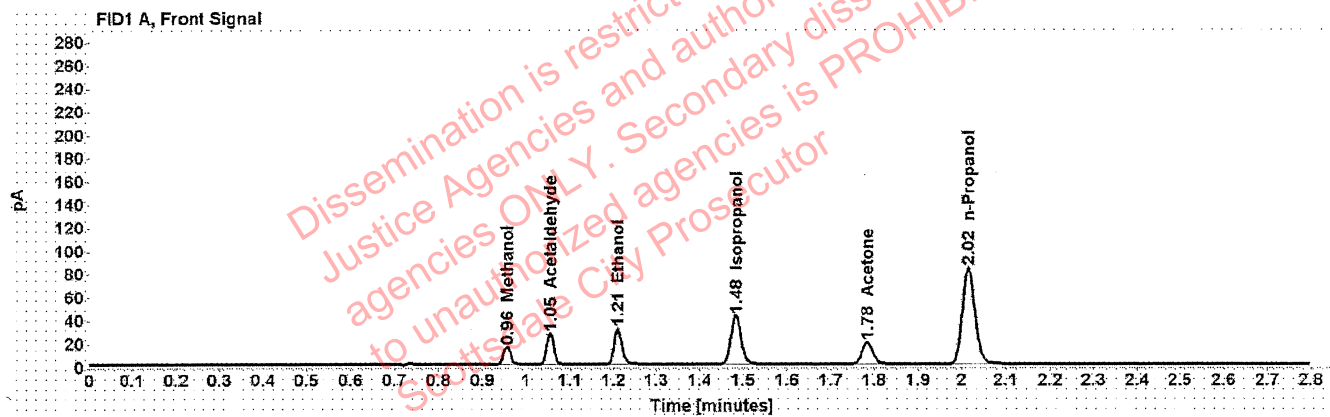


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	17.019
Acetaldehyde	-----	1.054	29.382
>Ethanol	0.0656	1.210	39.292
Isopropanol	-----	1.483	67.108
Acetone	-----	1.784	32.167
n-Propanol	-----	2.015	165.212

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	38.082
Methanol	1.075	21.858
Ethanol	1.373	48.912
Acetone	1.540	39.836
Isopropanol	1.635	86.042
n-Propanol	2.466	204.813

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 11:41:04 AM
Data file: C:\Chem32\1\Data\30Mar21\7.D	Analyst: Abbott <i>CA</i>

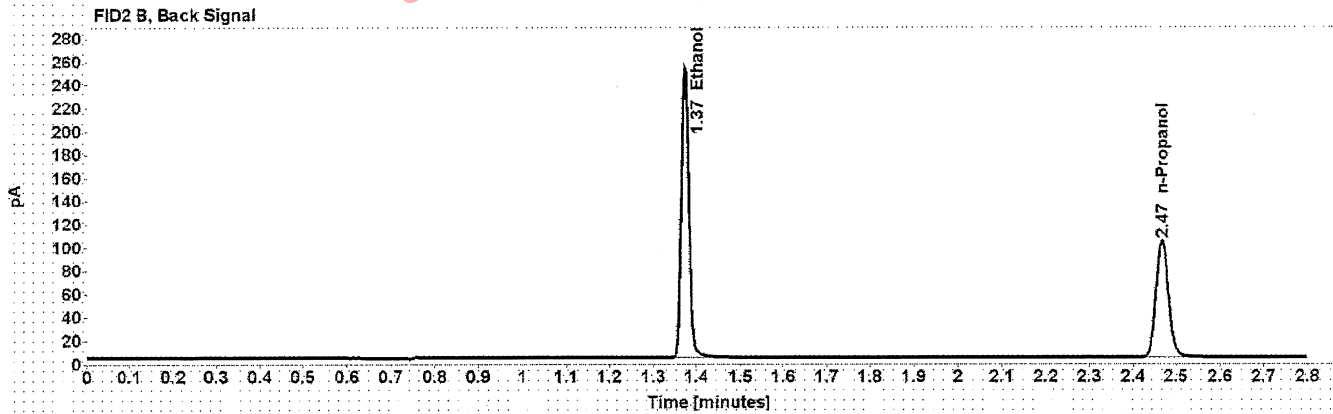
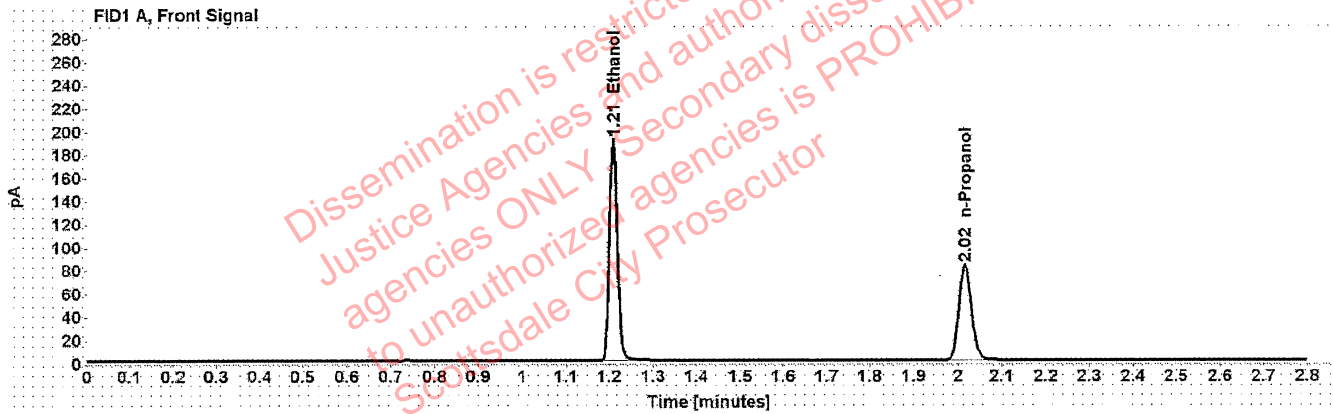


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4041	1.209	244.055
n-Propanol	-----	2.016	164.135

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

Compound	Time (min)	Peak Area
Ethanol	1.374	305.734
n-Propanol	2.467	203.452

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 11:45:04 AM
Data file: C:\Chem32\1\Data\30Mar21\8.D	Analyst: Abbott DA

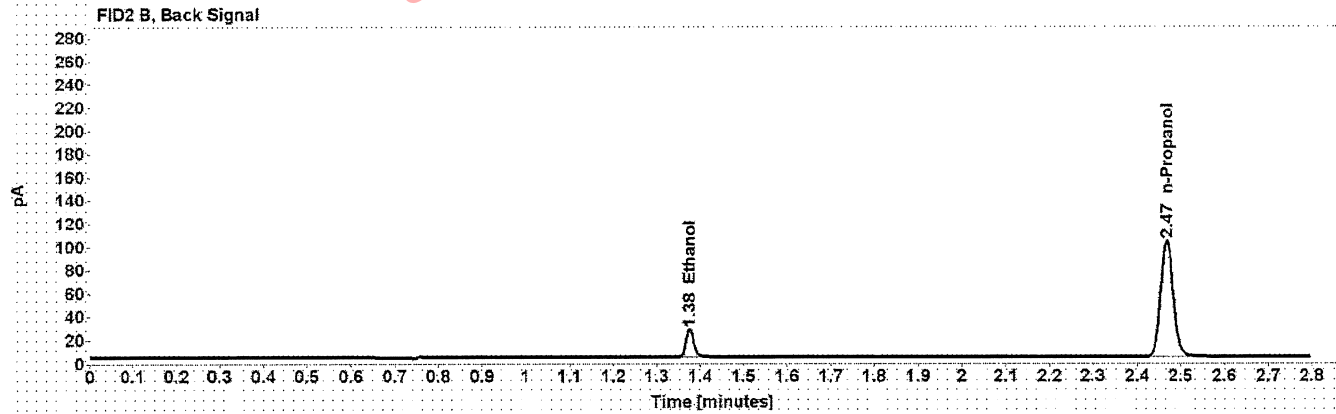
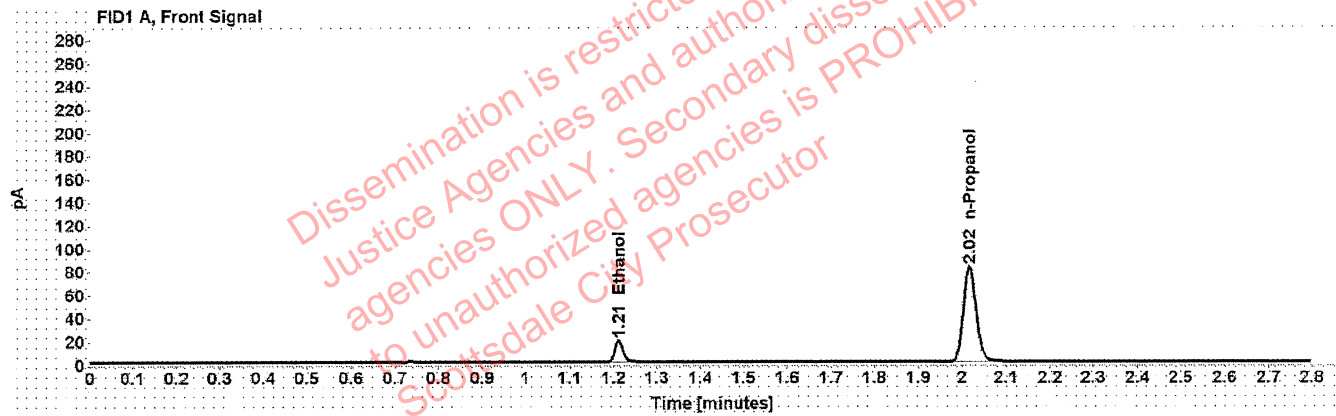


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.212	24.115
n-Propanol	-----	2.016	163.836

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.991
n-Propanol	2.467	202.572

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 11:49:05 AM
Data file: C:\Chem32\1\Data\30Mar21\9.D	Analyst: Abbott <i>Abbott</i>

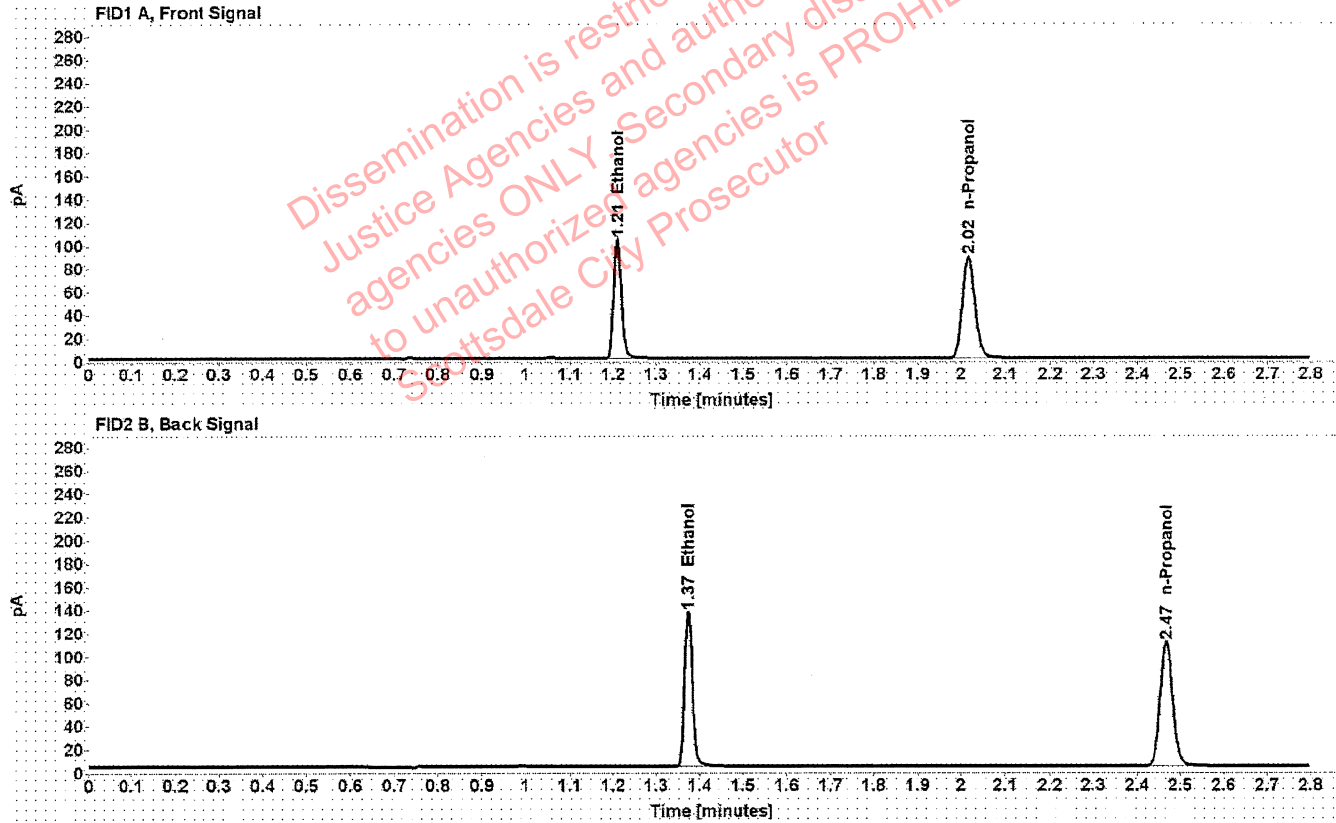


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2050	1.210	131.625
n-Propanol	-----	2.016	175.022

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.140
n-Propanol	2.467	216.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 12:33:34 PM
Data file: C:\Chem321\Data\30Mar21\20.D	Analyst: Abbott

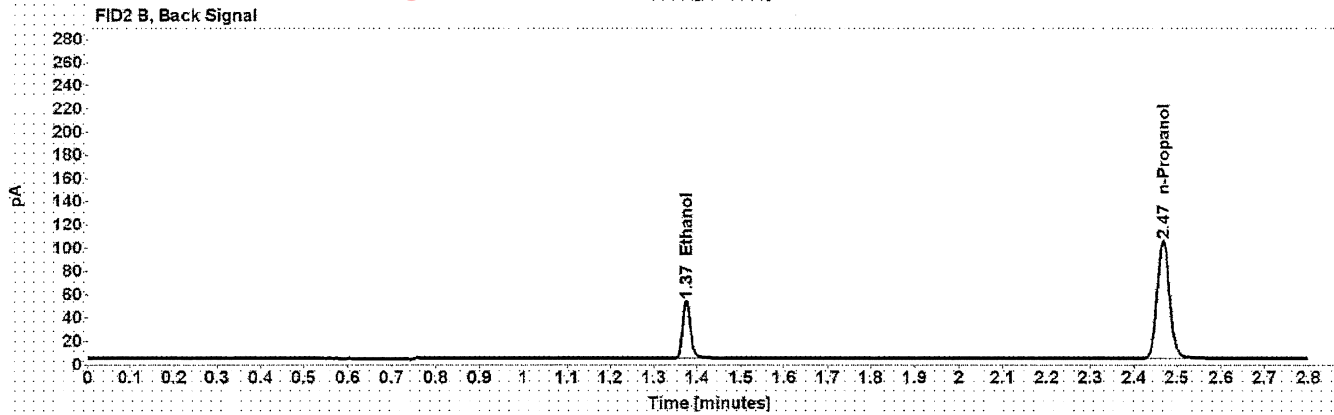
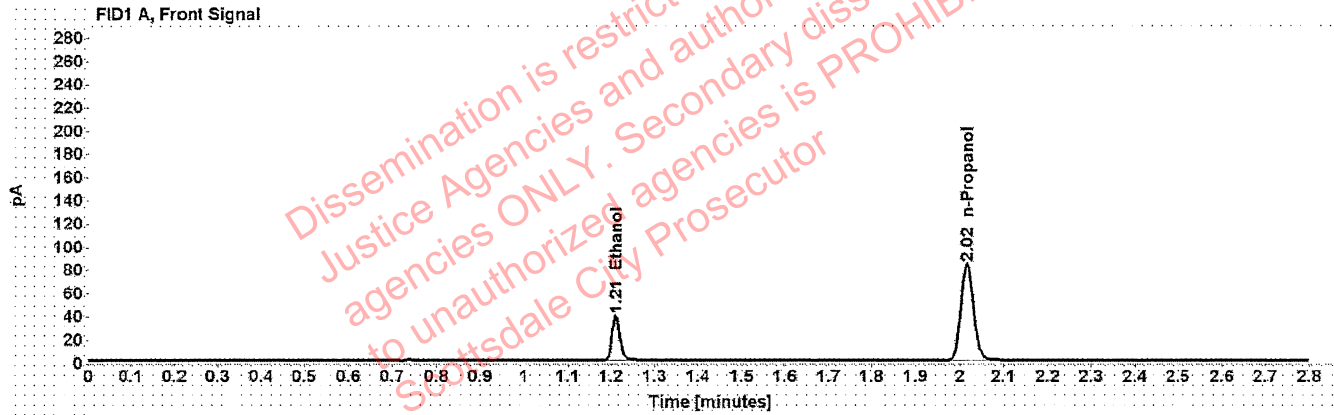


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.211	49.574
n-Propanol	-----	2.016	166.500

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.548
n-Propanol	2.467	205.420

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 1:18:05 PM
Data file: C:\Chem32\1\Data\30Mar21\31.D	Analyst: Abbott

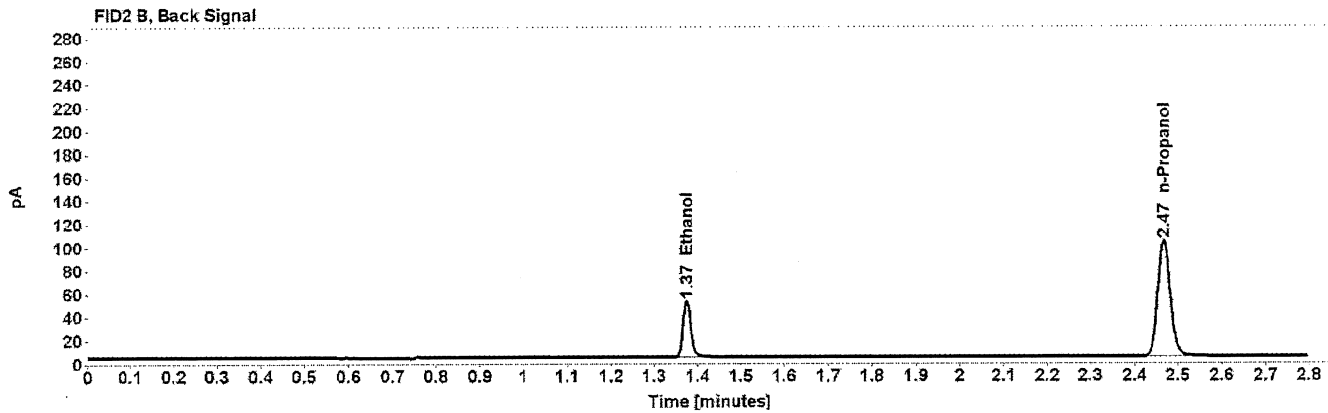
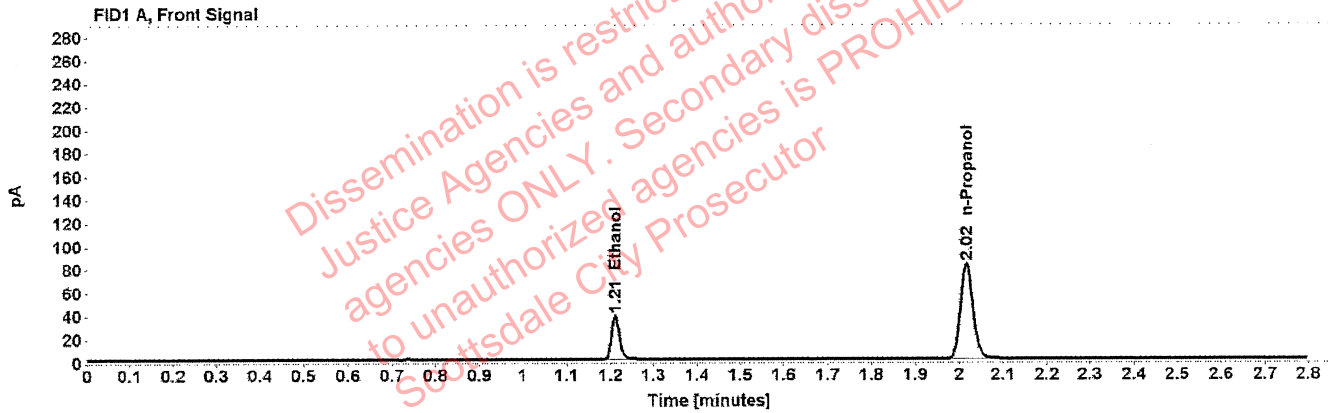


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0812	1.211	48.645
n-Propanol	-----	2.016	164.817

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

Compound	Time (min)	Peak Area
Ethanol	1.375	60.368
n-Propanol	2.467	203.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 2:02:20 PM
Data file:	C:\Chem32\1\Data\30Mar21\42.D	Analyst:	Abbott

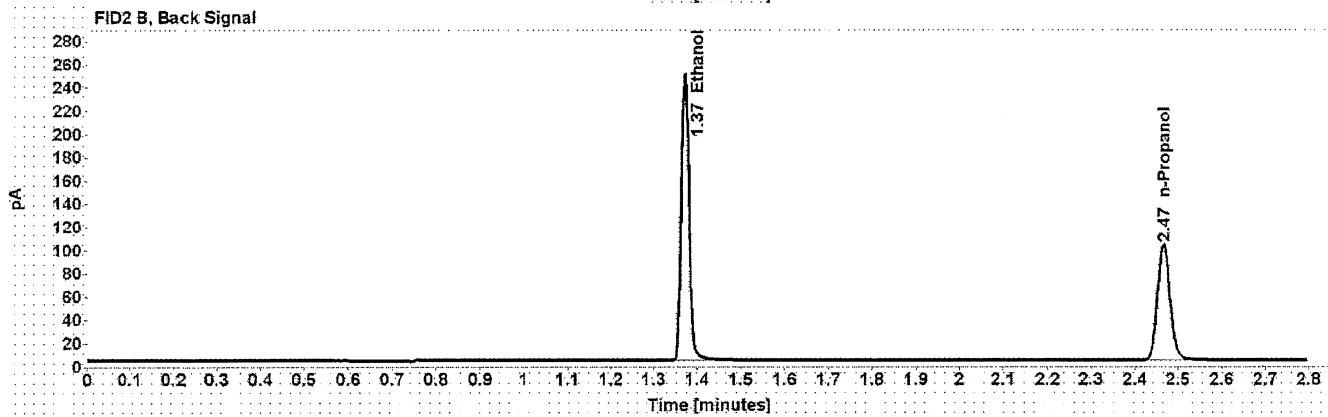
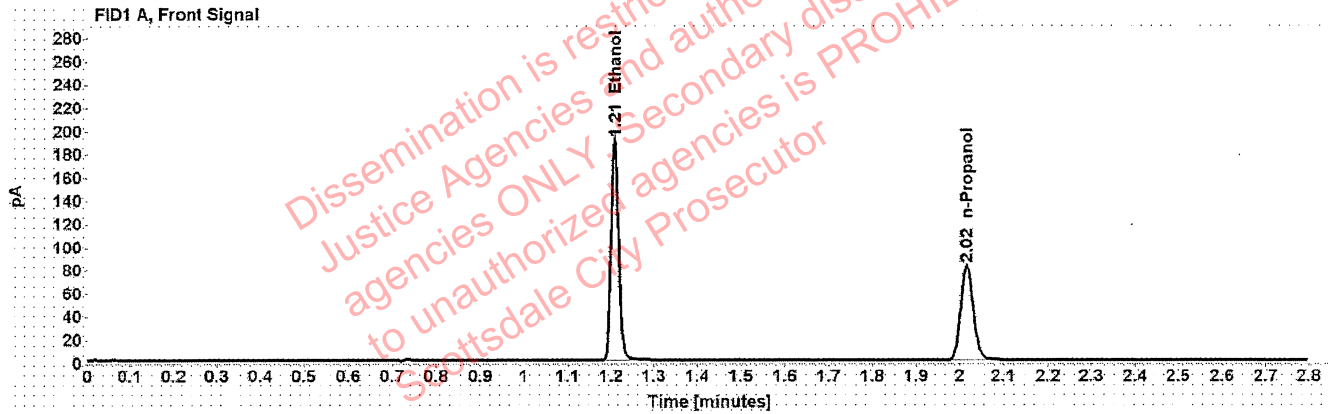


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4026	1.209	243.067
n-Propanol	-----	2.016	164.077

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

Compound	Time (min)	Peak Area
Ethanol	1.373	304.080
n-Propanol	2.466	202.682

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 30Mar21
Instrument: US14173023 CN14160045	Injection date: 3/30/2021 2:06:35 PM
Data file: C:\Chem32\1\Data\30Mar21\43.D	Analyst: Abbott <i>DA</i>

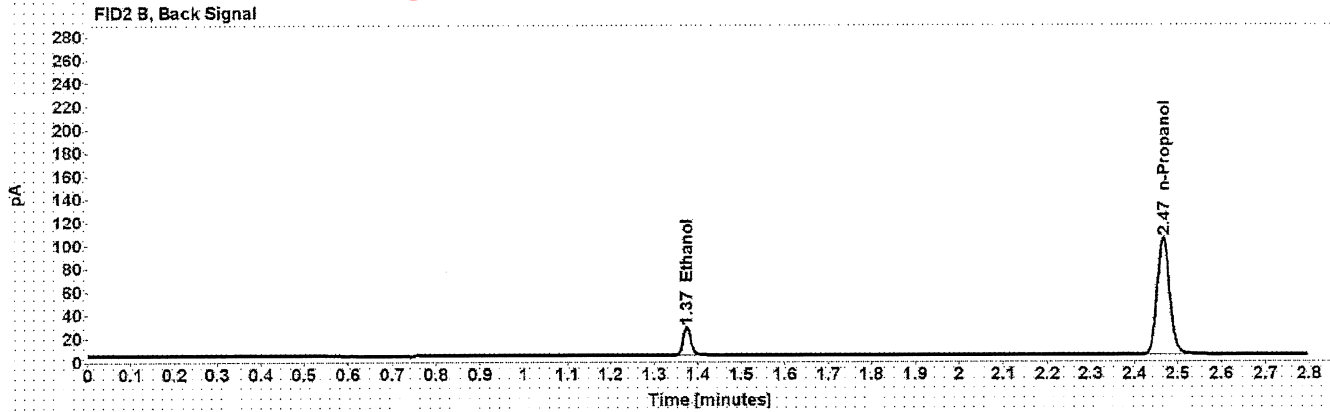
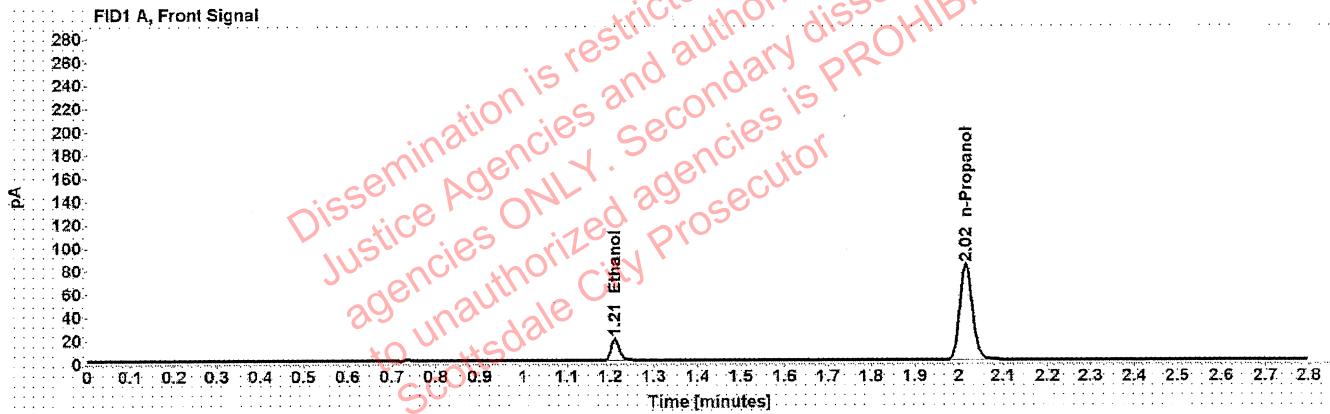


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	24.250
n-Propanol	-----	2.016	165.862

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.121
n-Propanol	2.466	204.264

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	44
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 2:10:34 PM
Data file:	C:\Chem32\1\Data\30Mar21\44.D	Analyst:	Abbott [Signature]

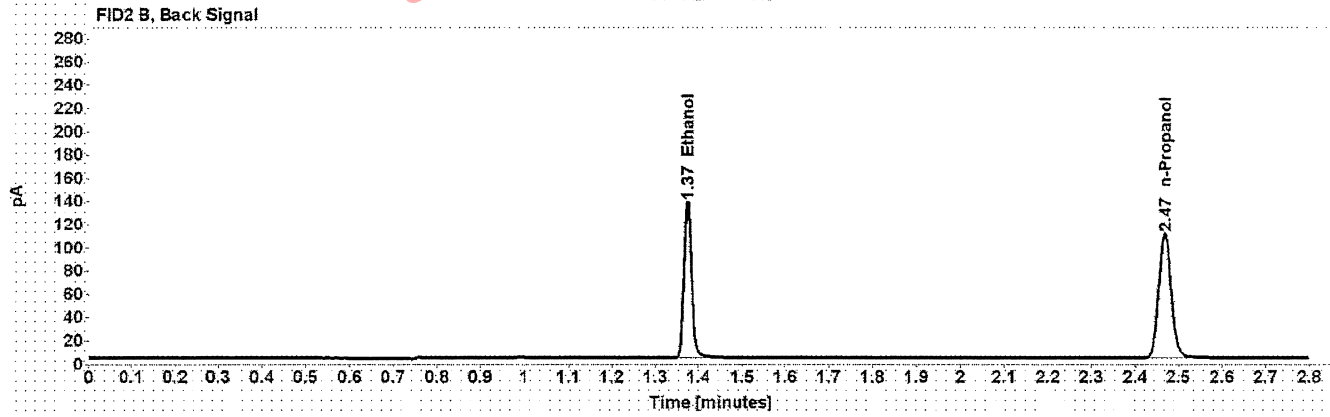
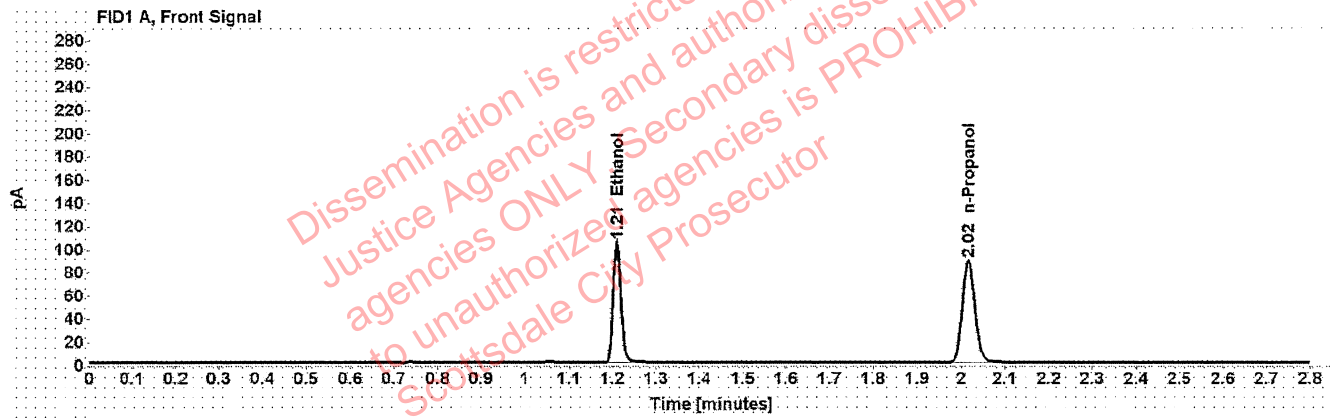


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2063	1.210	133.602
n-Propanol	-----	2.017	176.492

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.516
n-Propanol	2.468	217.768

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 2:14:34 PM
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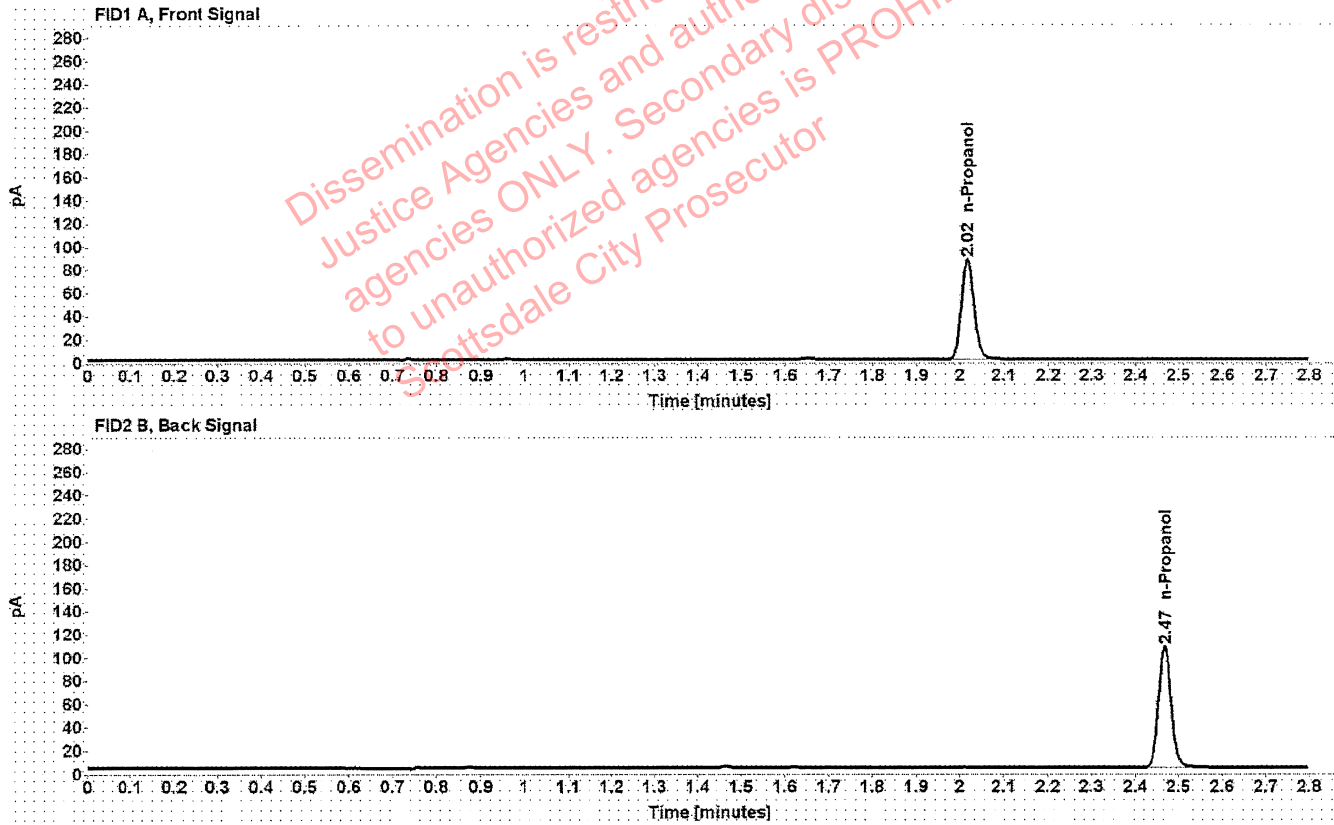


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	172.158

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	212.693

Sequence Summary

Sequence name: 30Mar21 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	112420AQ	Negative	Control		ethanol quant.M
6	070819MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4101018274/9	0.200	Control		ethanol quant.M
10	1363089		Sample		ethanol quant.M
11	1363089		Sample		ethanol quant.M
12	1365390		Sample		ethanol quant.M
13	1365390		Sample		ethanol quant.M
14	1365508		Sample		ethanol quant.M
15	1365508		Sample		ethanol quant.M
16	36001GJ		Sample		ethanol quant.M
17	36001GJ		Sample		ethanol quant.M
18	33801JB		Sample		ethanol quant.M
19	33801JB		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	34001MS		Sample		ethanol quant.M
22	34001MS		Sample		ethanol quant.M
23	34001RL		Sample		ethanol quant.M
24	34001RL		Sample		ethanol quant.M
25	1365396		Sample		ethanol quant.M
26	1365396		Sample		ethanol quant.M
27	1365304		Sample		ethanol quant.M
28	1365304		Sample		ethanol quant.M
29	1365384		Sample		ethanol quant.M
30	1365384		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1365525		Sample		ethanol quant.M
33	1365525		Sample		ethanol quant.M
34	1361960		Sample		ethanol quant.M
35	1361960		Sample		ethanol quant.M
36	1364259		Sample		ethanol quant.M
37	1364259		Sample		ethanol quant.M
38	1365829		Sample		ethanol quant.M
39	1365829		Sample		ethanol quant.M
40	1364105		Sample		ethanol quant.M
41	1364105		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4101018274/9	0.200	Control		ethanol quant.M
45	111020WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 30Mar21

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1979	0.1971	0.19750	0.20	0.00040
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.0754	0.0754	0.07540	0.00	0.00000
16 17	0.1674	0.1671	0.16725	0.09	0.00015
18 19	0.2416	0.2451	0.24335	0.72	0.00175
21 22	0.2343	0.2369	0.23560	0.55	0.00130
23 24	0.2167	0.2170	0.21685	0.07	0.00015
25 26	0.3879	0.3817	0.38480	0.81	0.00310
27 28	0.2099	0.2121	0.21100	0.52	0.00110
29 30	0.0458	0.0462	0.04600	0.43	0.00020
32 33	0.2127	0.2109	0.21180	0.42	0.00090
34 35	0.1371	0.1367	0.13690	0.15	0.00020
36 37	0.0851	0.0845	0.08480	0.35	0.00030
38 39	0.1254	0.1229	0.12415	1.01	0.00125
40 41	0.2570	0.2552	0.25610	0.35	0.00090

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Abbott 

SEQUENCE: 30Mar21

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1363089	1363089	1363089	Yes
Vials 12 and 13	1365390	1365390	1365390	Yes
Vials 14 and 15	1365508	1365508	1365508	Yes
Vials 16 and 17	36001GJ	36001GJ	36001GJ	Yes
Vials 18 and 19	33801JB	33801JB	33801JB	Yes
Vials 21 and 22	34001MS	34001MS	34001MS	Yes
Vials 23 and 24	34001RL	34001RL	34001RL	Yes
Vials 25 and 26	1365396	1365396	1365396	Yes
Vials 27 and 28	1365304	1365304	1365304	Yes
Vials 29 and 30	1365384	1365384	1365384	Yes
Vials 32 and 33	1365525	1365525	1365525	Yes
Vials 34 and 35	1361960	1361960	1361960	Yes
Vials 36 and 37	1364259	1364259	1364259	Yes
Vials 38 and 39	1365829	1365829	1365829	Yes
Vials 40 and 41	1364105	1364105	1364105	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1363089	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 11:53:04 AM
Data file:	C:\Chem32\1\Data\30Mar21\10.D	Analyst:	Abbott

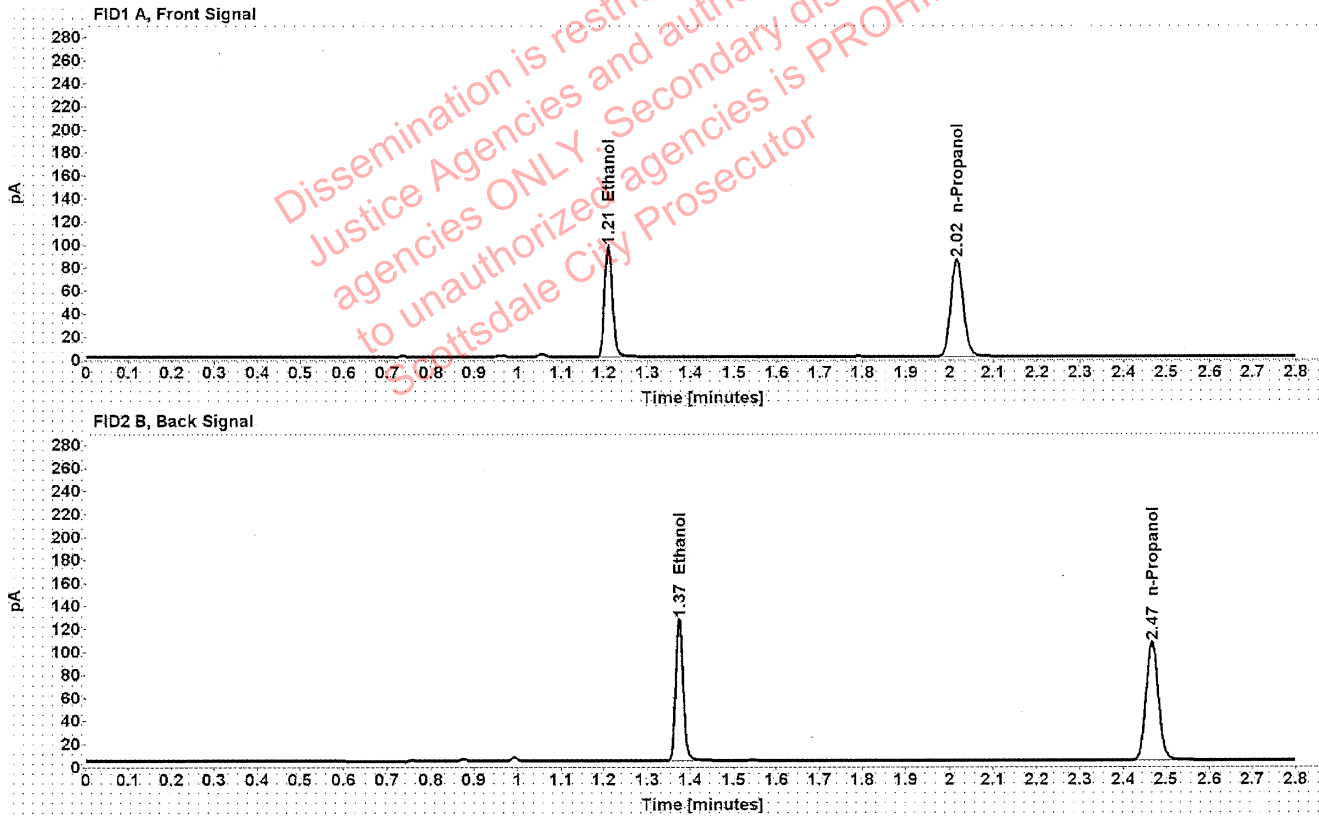


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.210	122.204
n-Propanol	-----	2.016	168.324

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.729
n-Propanol	2.467	208.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1363089	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 11:57:06 AM
Data file:	C:\Chem32\1\Data\30Mar21\11.D	Analyst:	Abbott

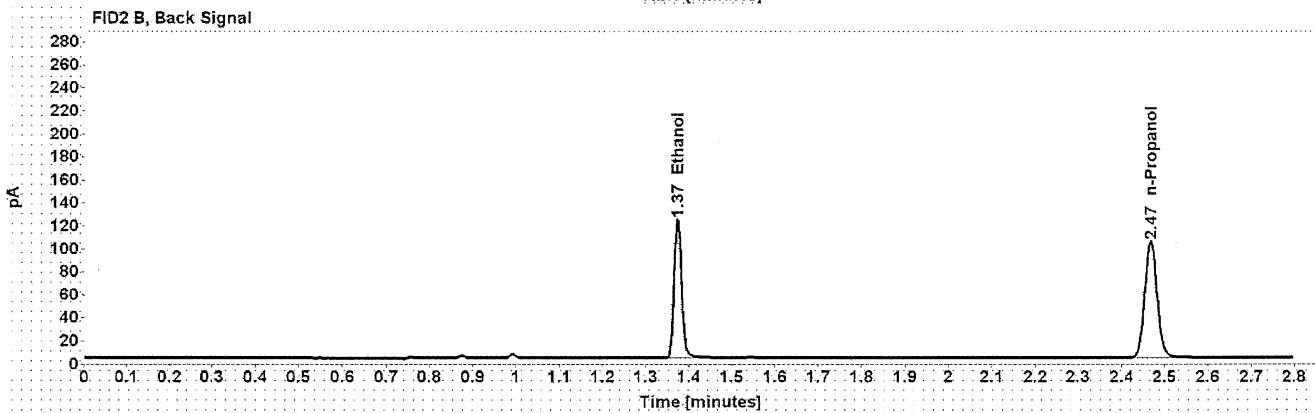
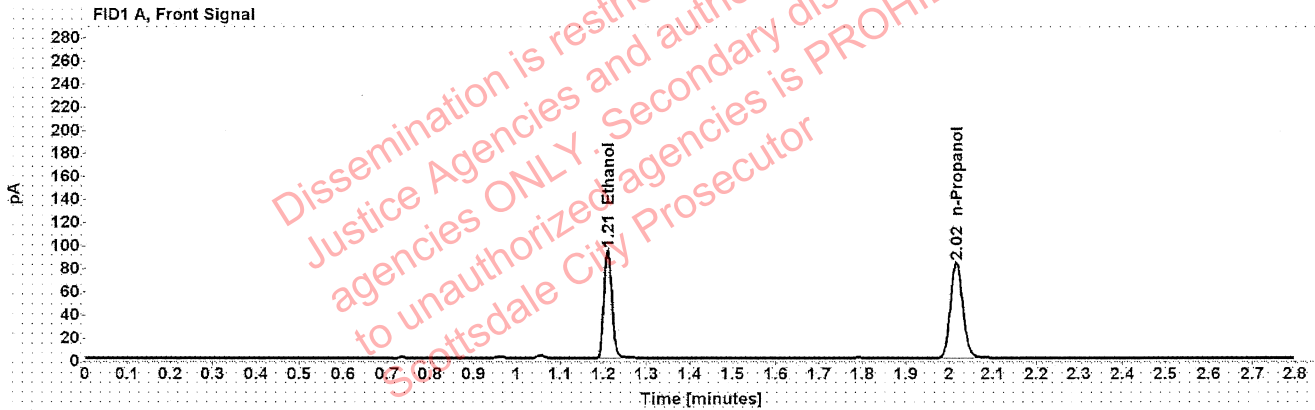


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1971	1.210	119.664
n-Propanol	-----	2.016	165.556

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

Compound	Time (min)	Peak Area
Ethanol	1.374	148.835
n-Propanol	2.467	204.718

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365390	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:01:03 PM
Data file:	C:\Chem32\1\Data\30Mar21\12.D	Analyst:	Abbott

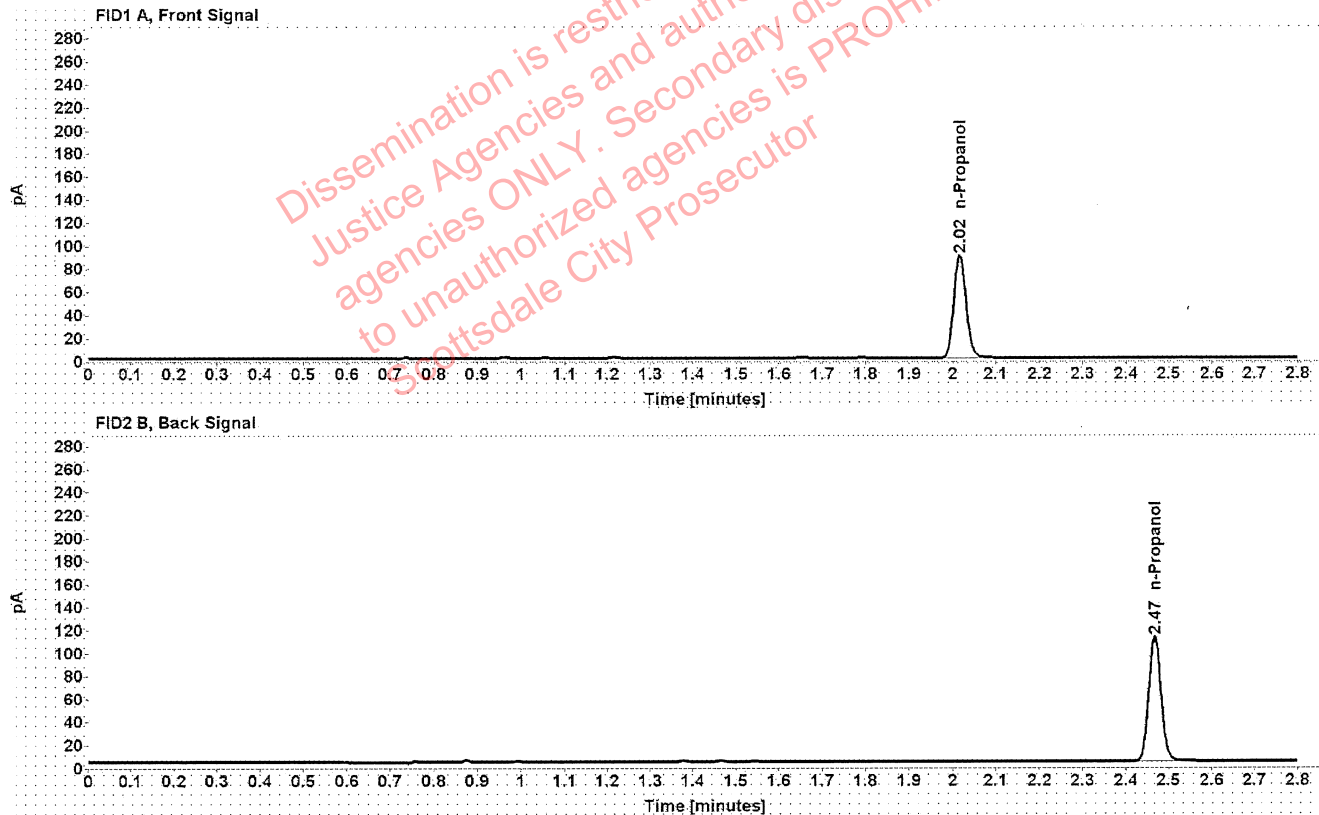


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.554

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	219.533

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365390	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:05:19 PM
Data file:	C:\Chem32\1\Data\30Mar21\13.D	Analyst:	Abbott

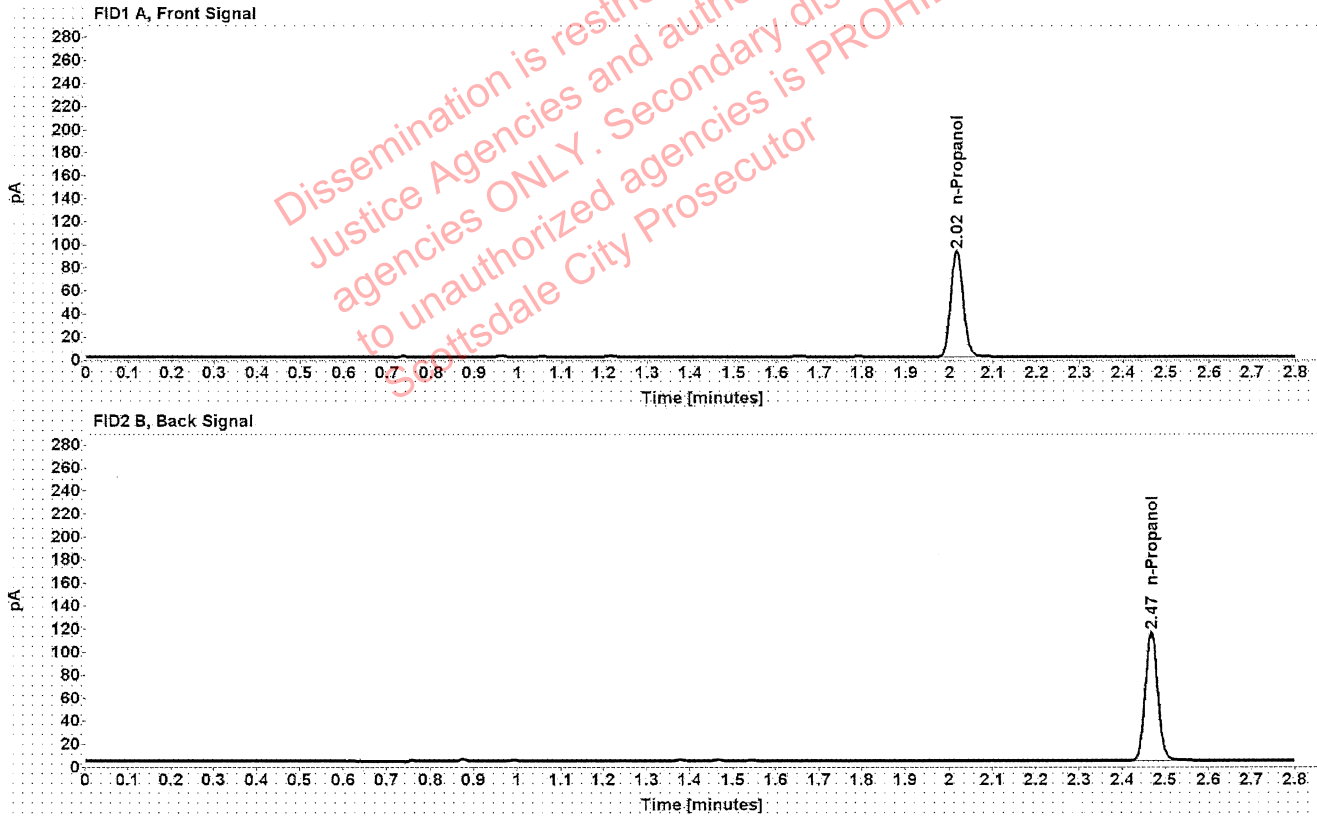


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	184.064

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	227.566

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365508	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:09:21 PM
Data file:	C:\Chem32\1\Data\30Mar21\14.D	Analyst:	Abbott

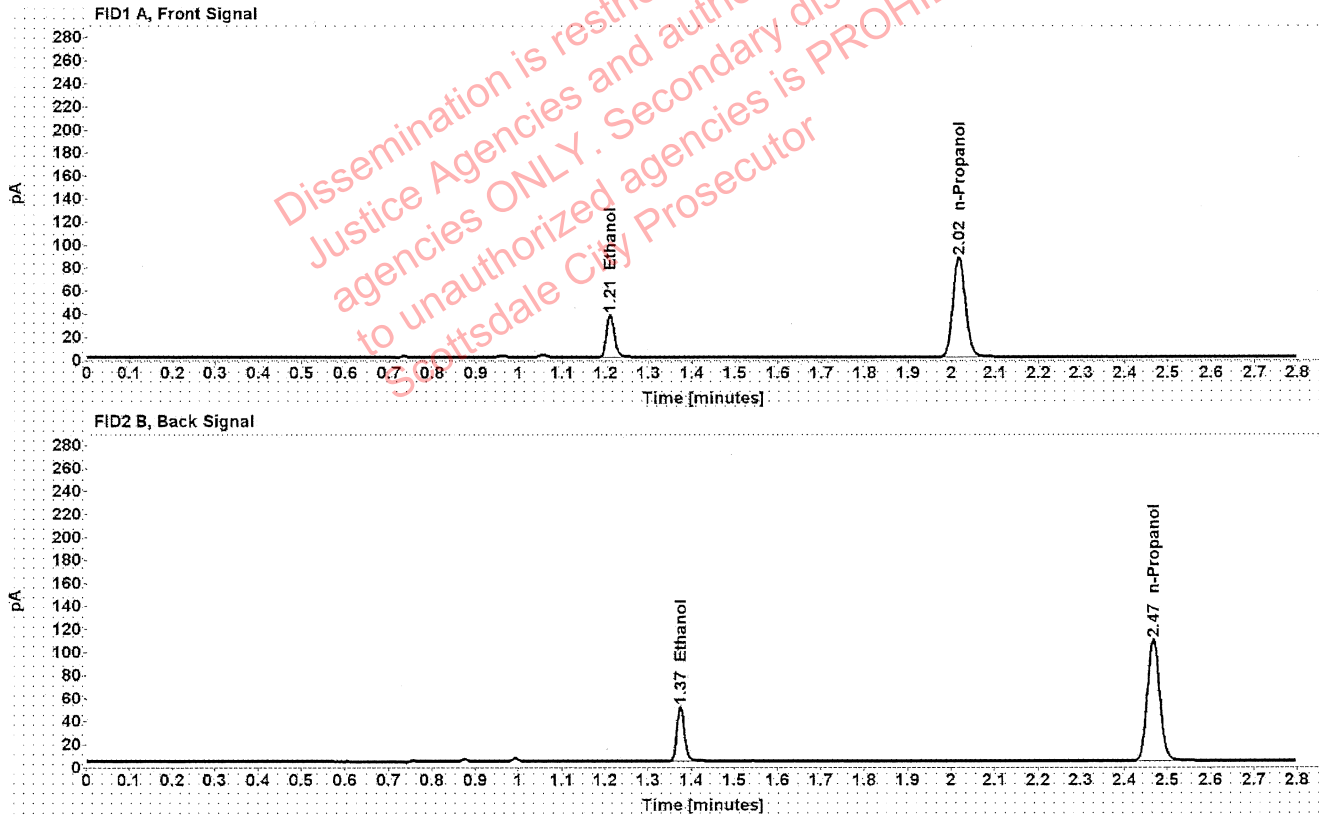


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0754	1.211	47.438
n-Propanol	-----	2.016	173.220

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

Compound	Time (min)	Peak Area
Ethanol	1.375	58.879
n-Propanol	2.468	214.029

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365508	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:13:20 PM
Data file:	C:\Chem32\1\Data\30Mar21\15.D	Analyst:	Abbott

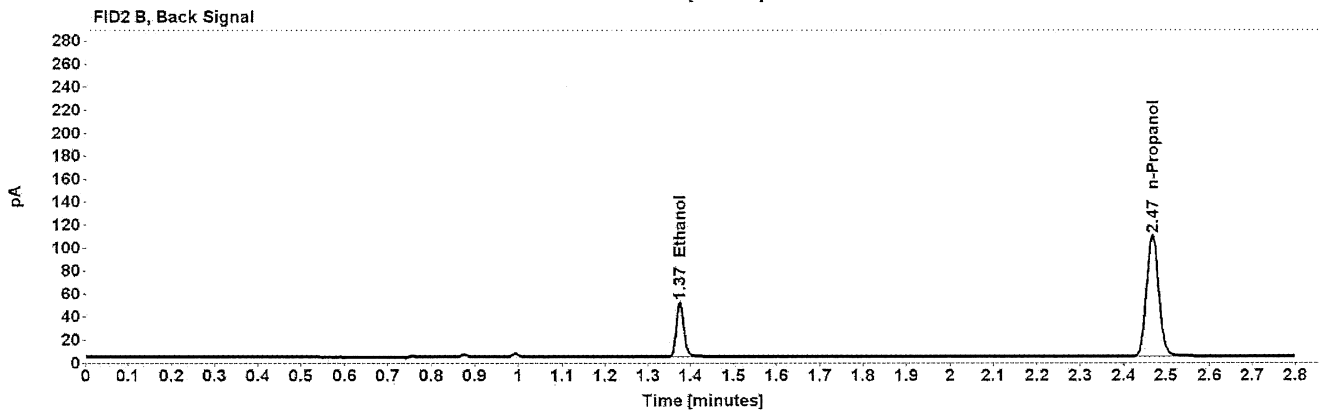
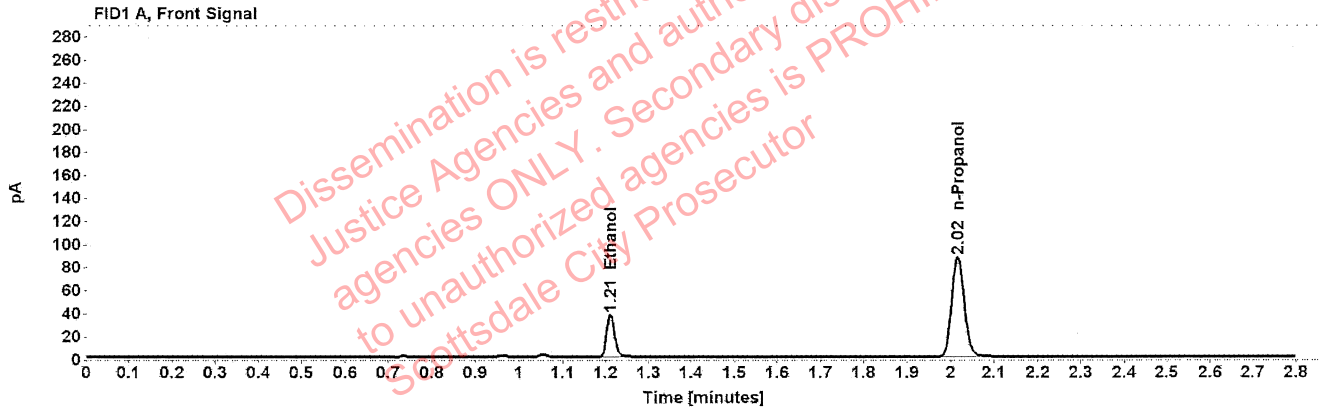


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0754	1.211	47.424
n-Propanol	-----	2.016	173.059

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

Compound	Time (min)	Peak Area
Ethanol	1.375	58.678
n-Propanol	2.468	213.646

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36001GJ	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:17:20 PM
Data file:	C:\Chem32\1\Data\30Mar21\16.D	Analyst:	Abbott

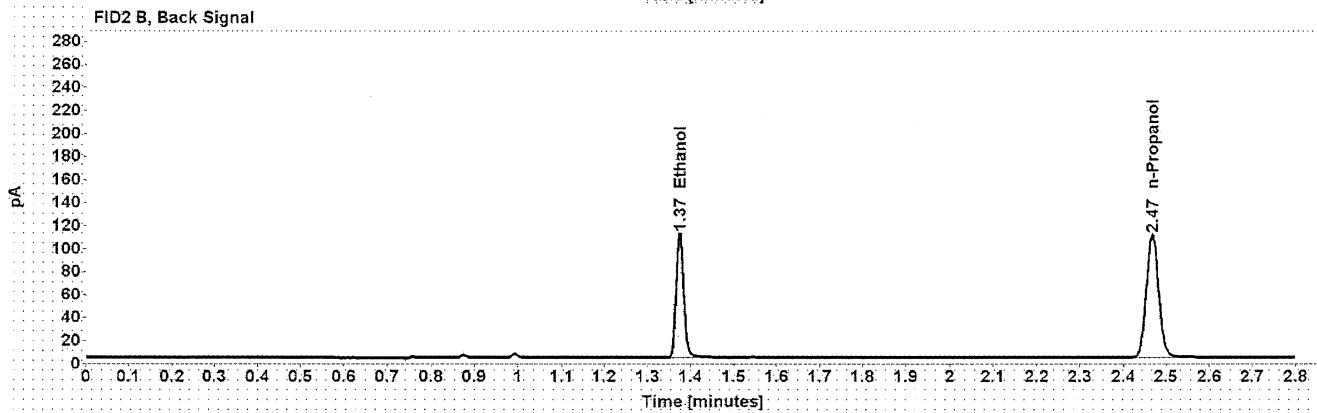
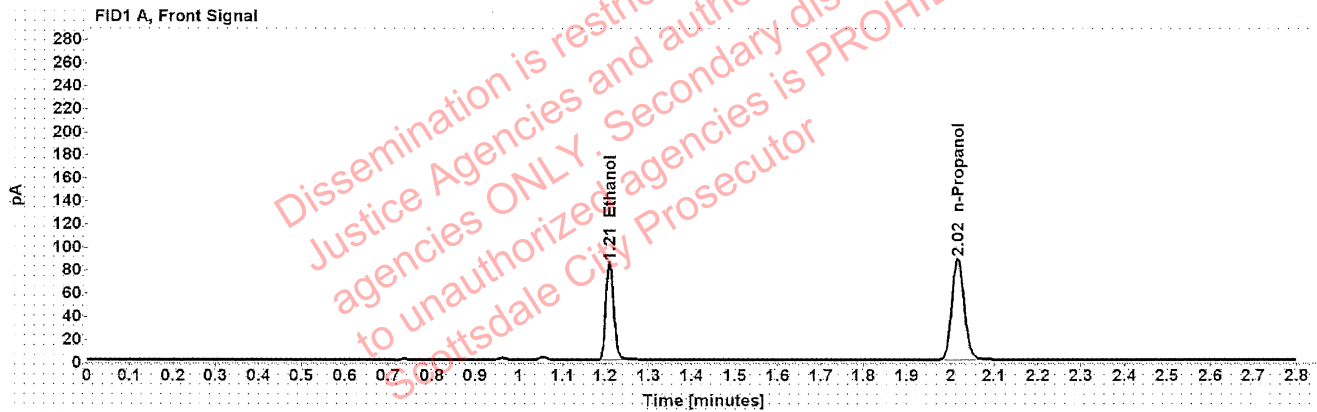


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1674	1.210	107.602
n-Propanol	-----	2.016	175.468

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

Compound	Time (min)	Peak Area
Ethanol	1.374	133.741
n-Propanol	2.468	216.808

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36001GJ	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:21:20 PM
Data file:	C:\Chem32\1\Data\30Mar21\17.D	Analyst:	Abbott

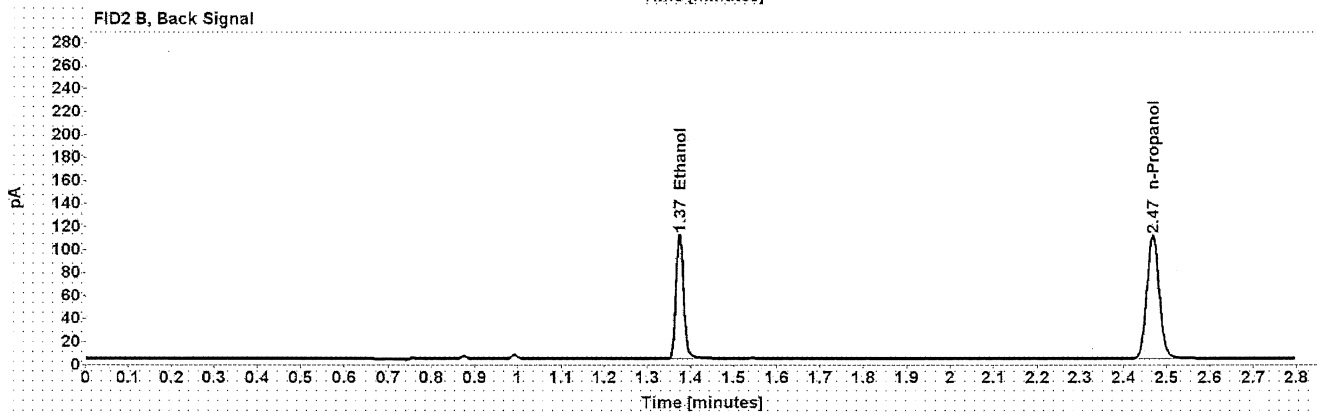
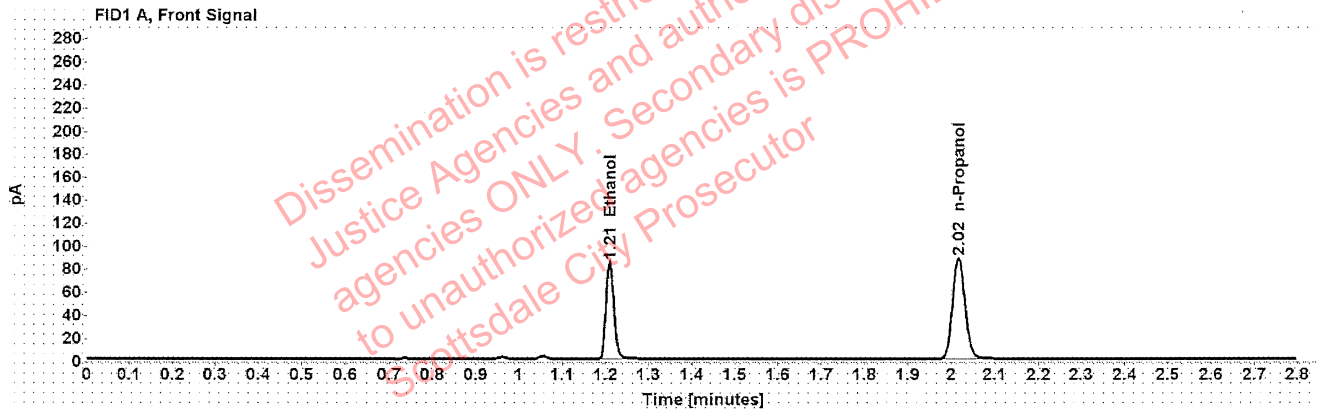


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1671	1.210	107.203
n-Propanol	-----	2.016	175.129

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

Compound	Time (min)	Peak Area
Ethanol	1.374	133.066
n-Propanol	2.467	216.399

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JB	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:25:21 PM
Data file:	C:\Chem32\1\Data\30Mar21\18.D	Analyst:	Abbott

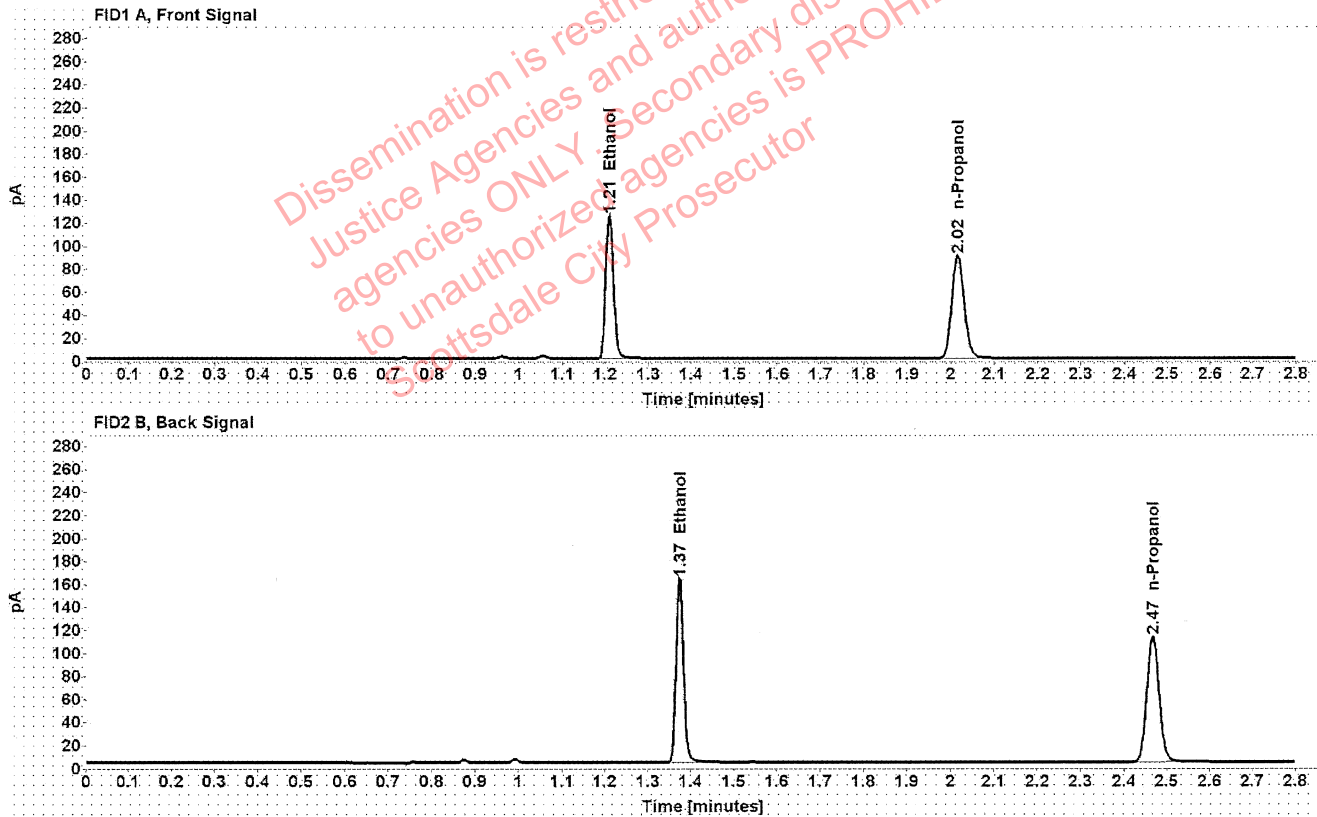


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2416	1.210	158.355
n-Propanol	-----	2.016	178.478

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

Compound	Time (min)	Peak Area
Ethanol	1.374	197.647
n-Propanol	2.467	220.208

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JB	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:29:34 PM
Data file:	C:\Chem32\1\Data\30Mar21\19.D	Analyst:	Abbott

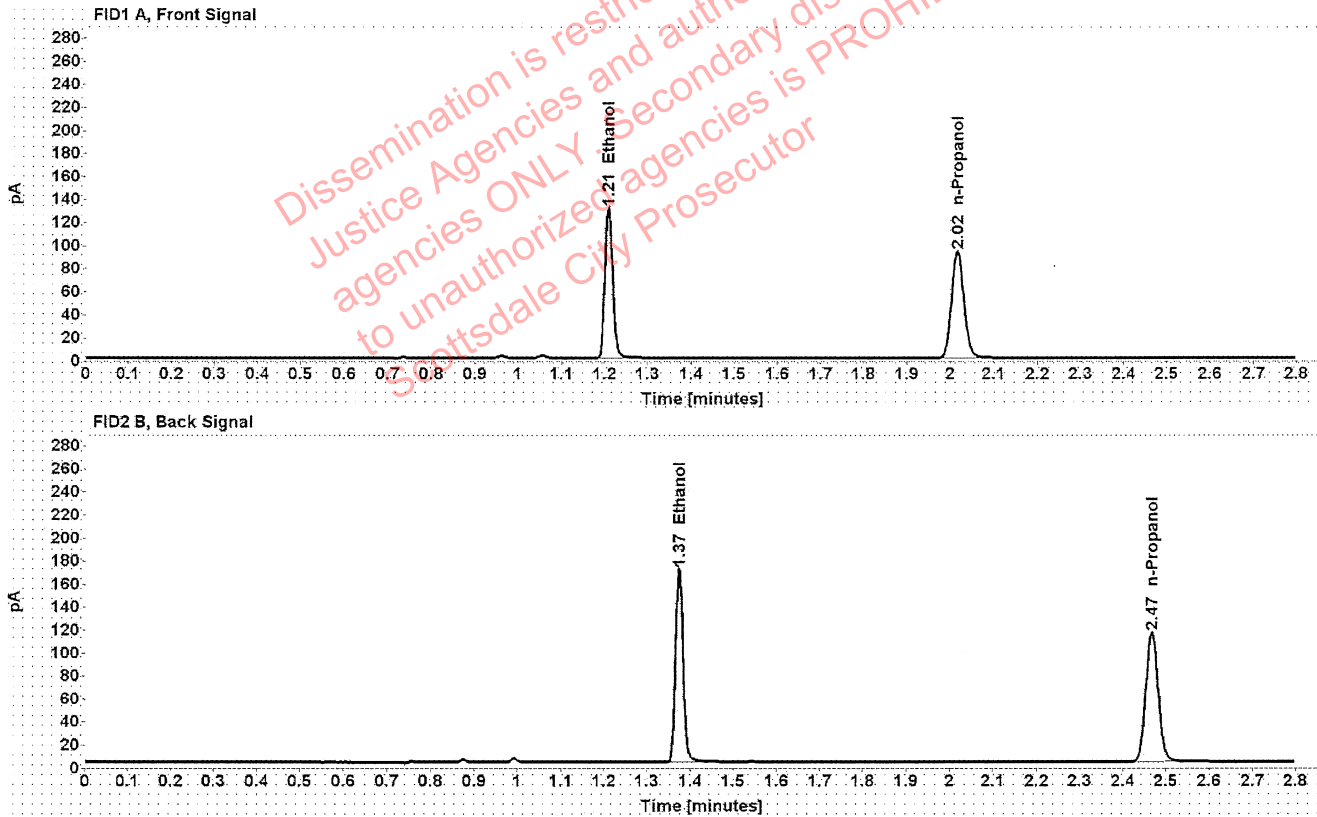


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2451	1.210	166.108
n-Propanol	-----	2.016	184.567

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

Compound	Time (min)	Peak Area
Ethanol	1.374	207.385
n-Propanol	2.467	227.729

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001MS	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:37:35 PM
Data file:	C:\Chem32\1\Data\30Mar21\21.D	Analyst:	Abbott

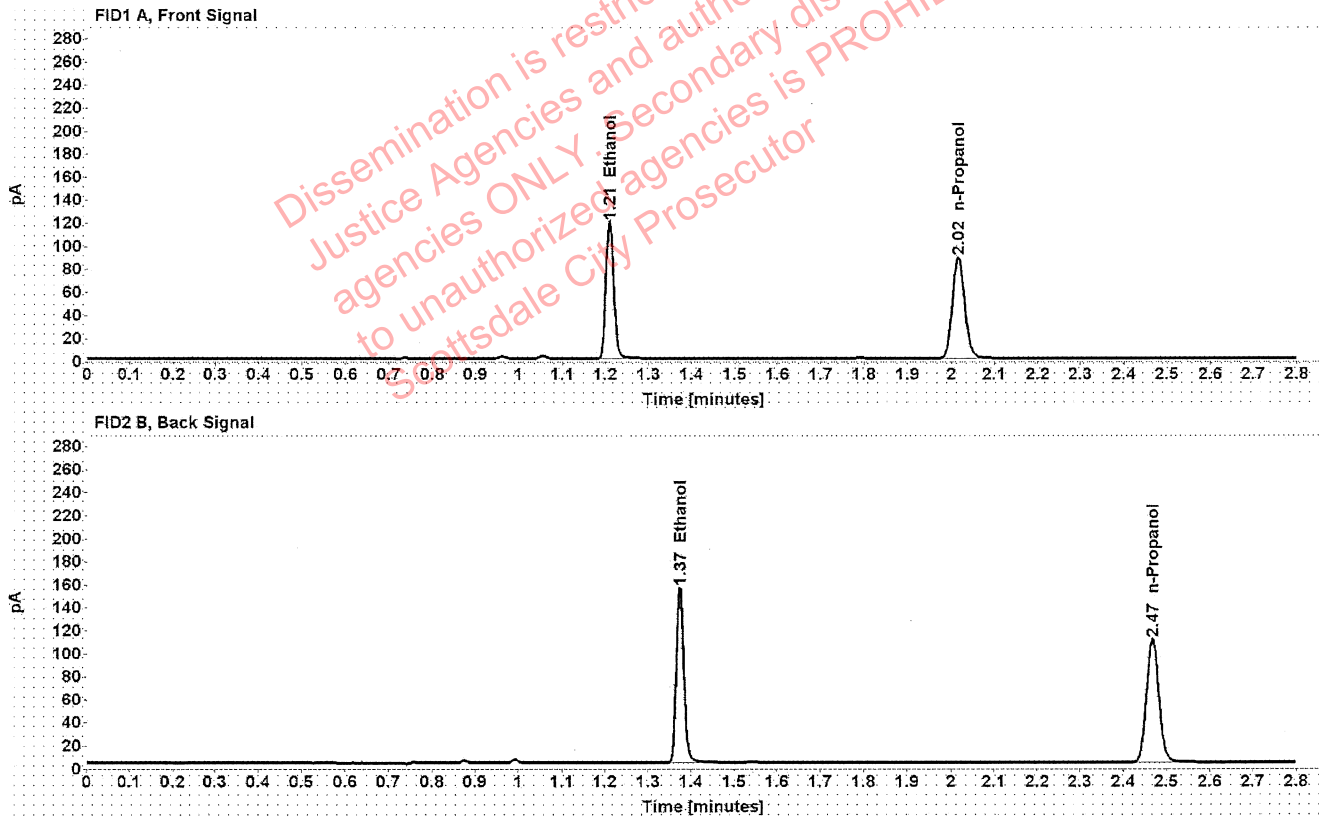


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2343	1.210	150.949
n-Propanol	-----	2.016	175.467

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

Compound	Time (min)	Peak Area
Ethanol	1.374	188.357
n-Propanol	2.467	216.733

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001MS	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:41:34 PM
Data file:	C:\Chem32\1\Data\30Mar21\22.D	Analyst:	Abbott

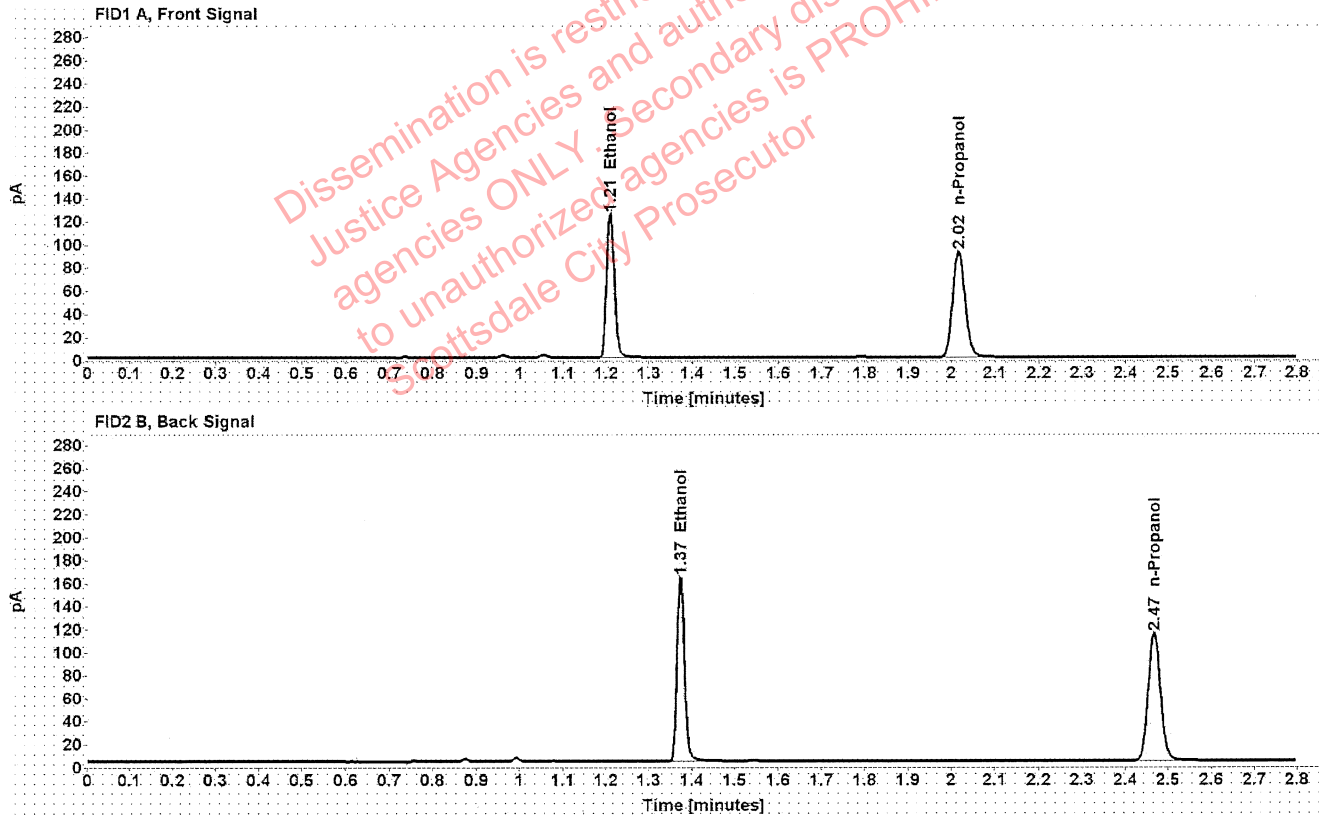


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2369	1.210	158.682
n-Propanol	-----	2.016	182.461

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

Compound	Time (min)	Peak Area
Ethanol	1.374	198.133
n-Propanol	2.467	225.528

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001RL	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:45:34 PM
Data file:	C:\Chem32\1\Data\30Mar21\23.D	Analyst:	Abbott

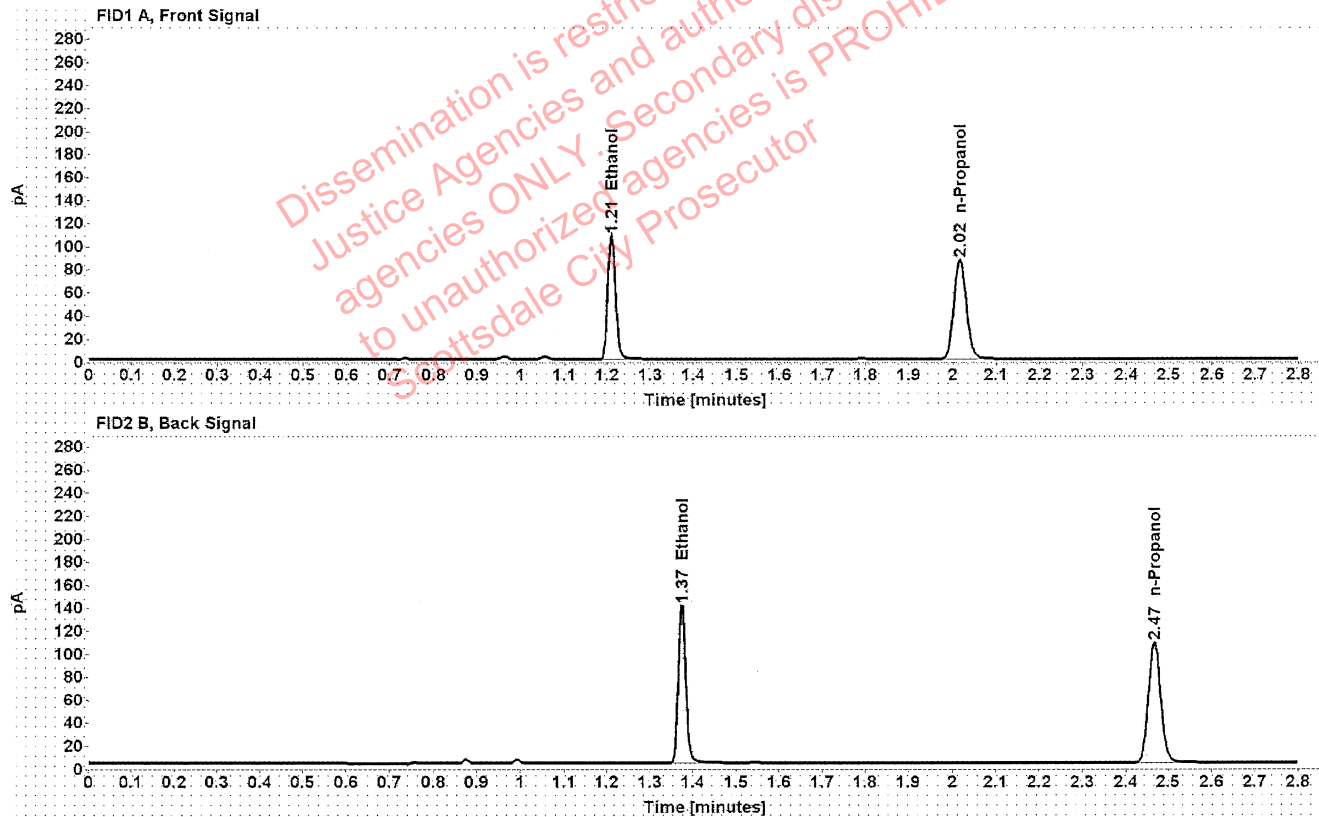


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2167	1.210	136.503
n-Propanol	-----	2.016	171.645

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.015
n-Propanol	2.467	212.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001RL	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:49:34 PM
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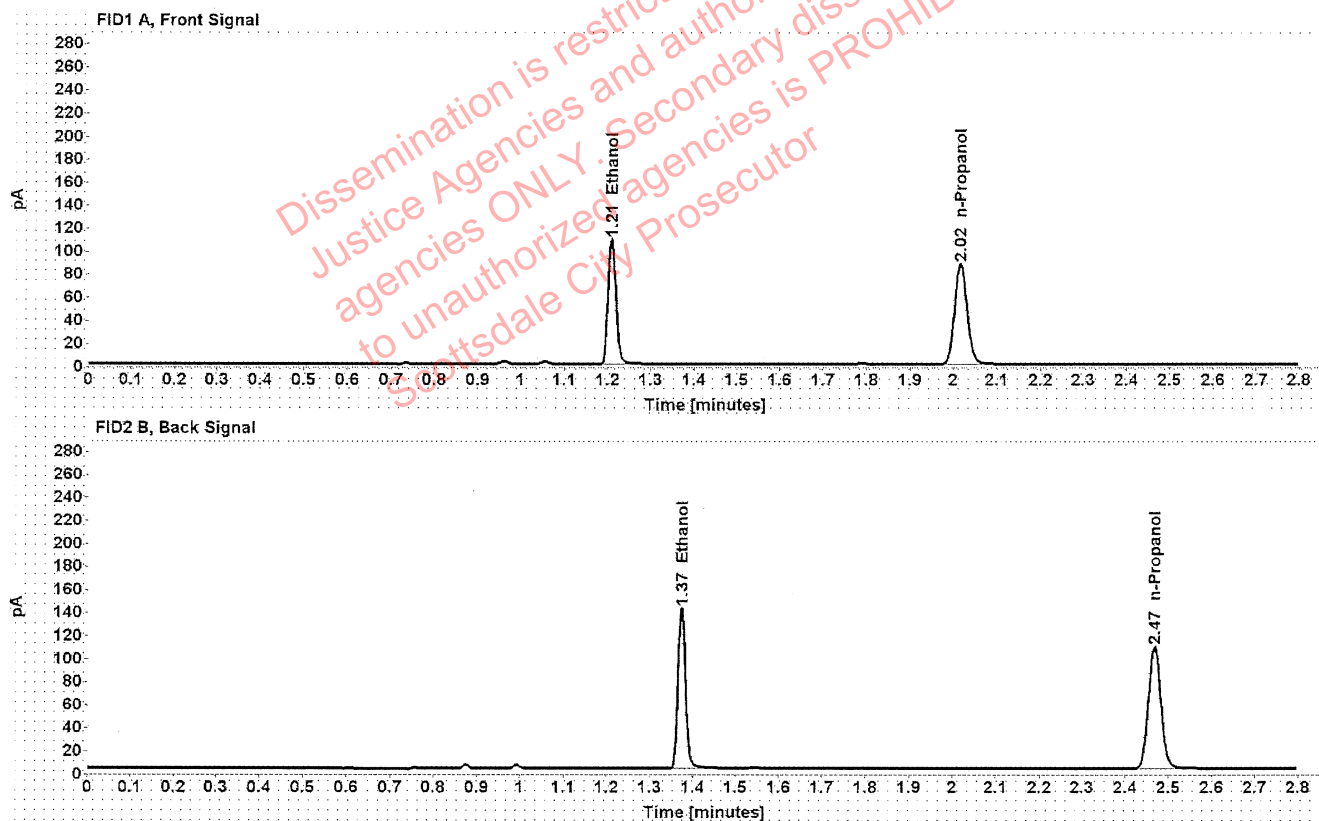


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2170	1.210	138.235
n-Propanol	-----	2.016	173.554

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

Compound	Time (min)	Peak Area
Ethanol	1.374	172.121
n-Propanol	2.468	214.500

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365396	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:53:48 PM
Data file:	C:\Chem32\1\Data\30Mar21\25.D	Analyst:	Abbott

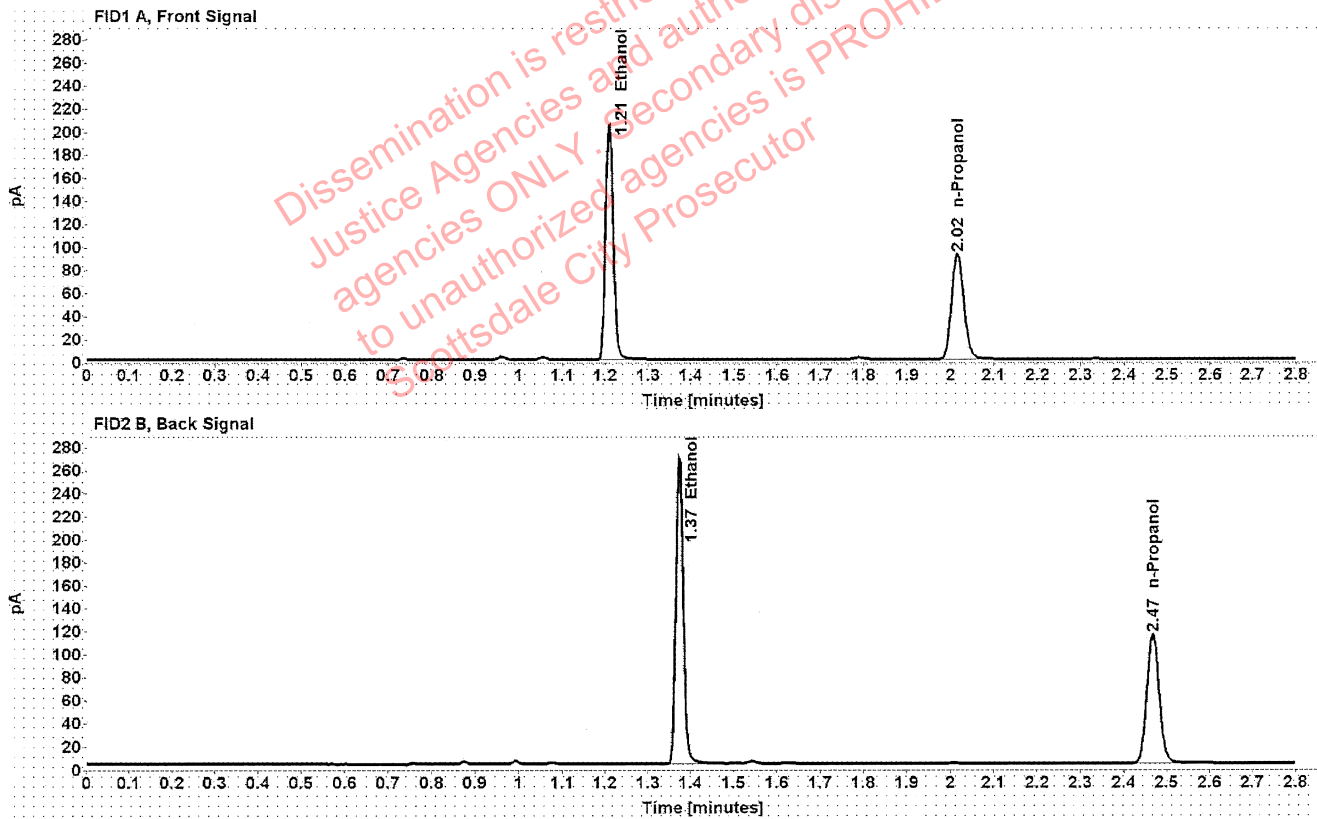


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3879	1.209	260.690
n-Propanol	-----	2.016	182.664

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

Compound	Time (min)	Peak Area
Ethanol	1.374	326.957
n-Propanol	2.467	227.561

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365396	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 12:57:50 PM
Data file:	C:\Chem32\1\Data\30Mar21\26.D	Analyst:	Abbott

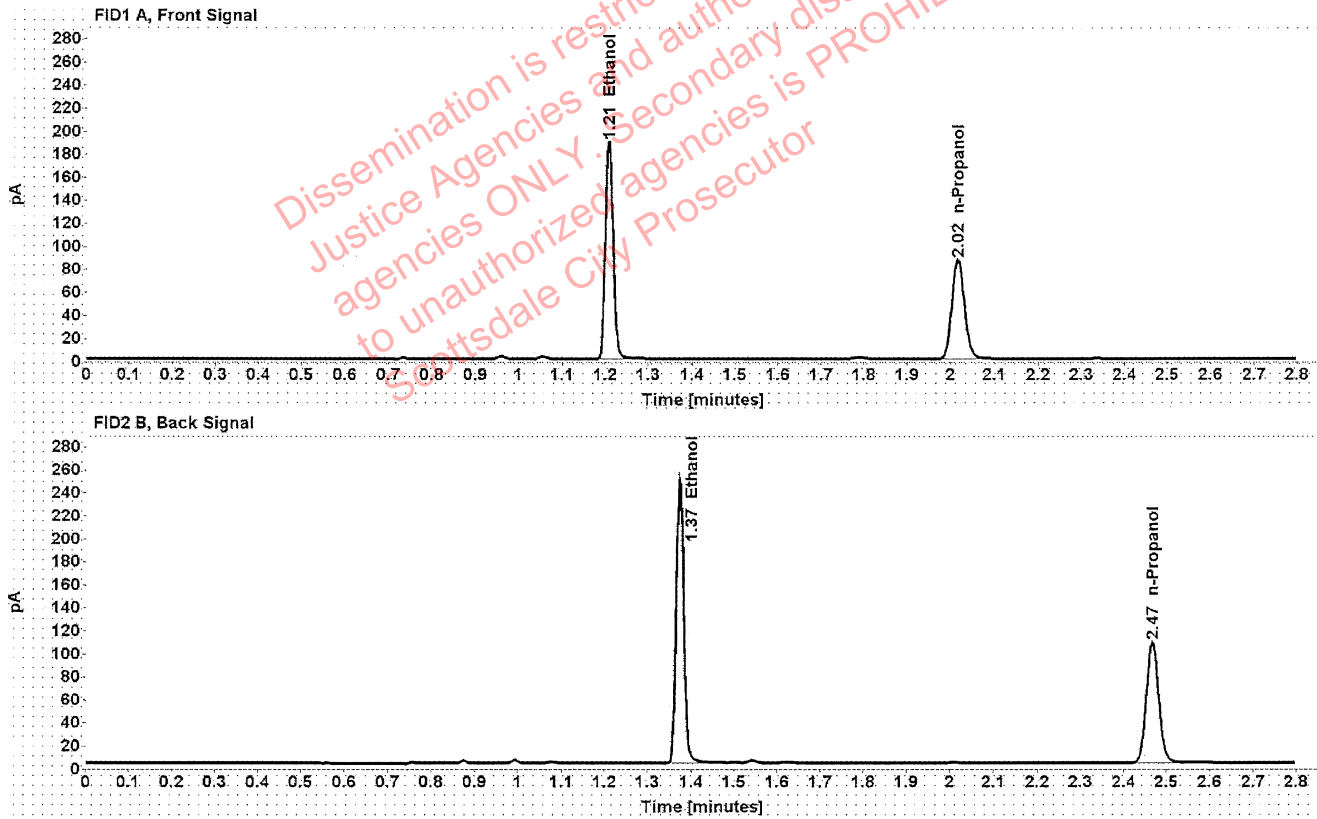


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3817	1.209	241.431
n-Propanol	-----	2.016	171.936

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

Compound	Time (min)	Peak Area
Ethanol	1.374	303.181
n-Propanol	2.467	214.270

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365304	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:01:49 PM
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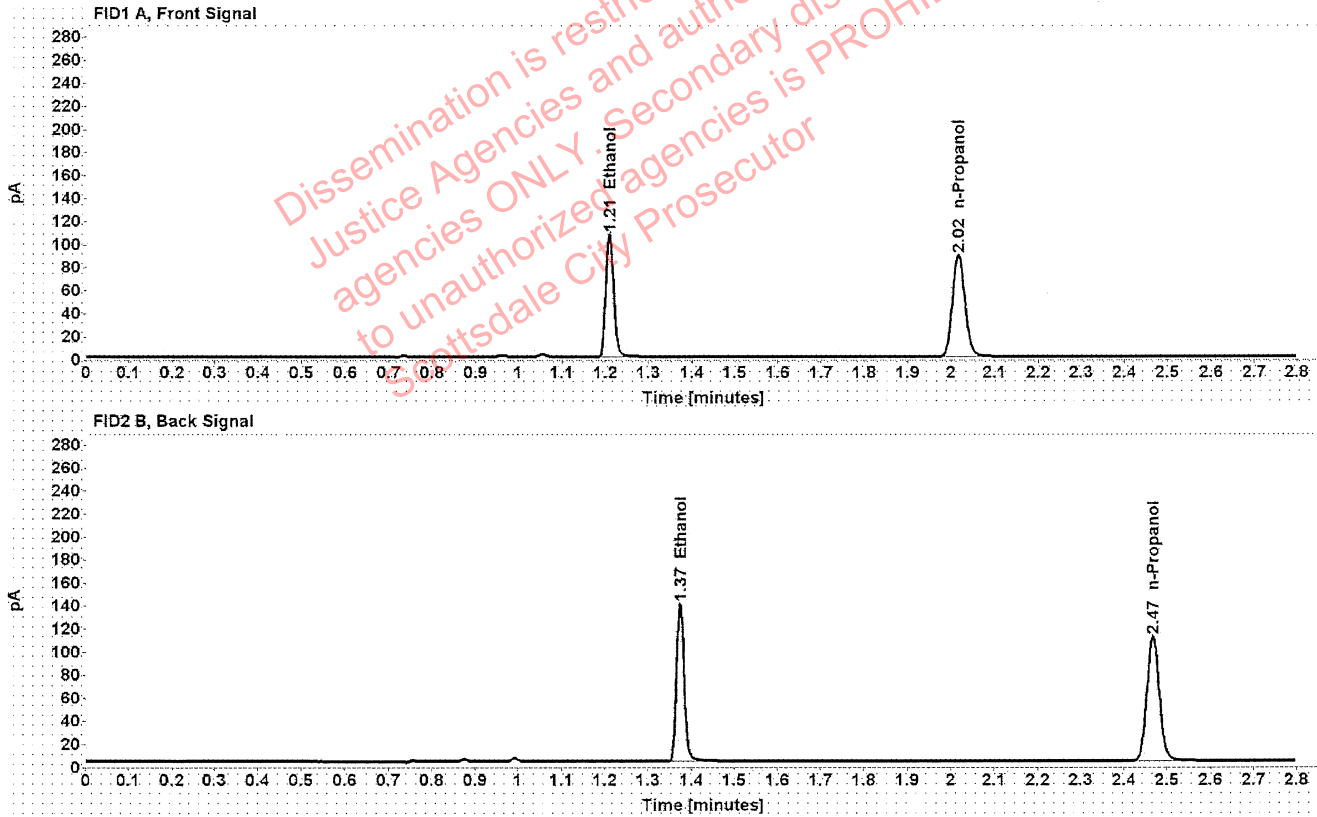


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2099	1.210	136.203
n-Propanol	-----	2.016	176.872

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

Compound	Time (min)	Peak Area
Ethanol	1.374	169.939
n-Propanol	2.467	218.257

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365304	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:05:49 PM
Data file:	C:\Chem32\1\Data\30Mar21\28.D	Analyst:	Abbott

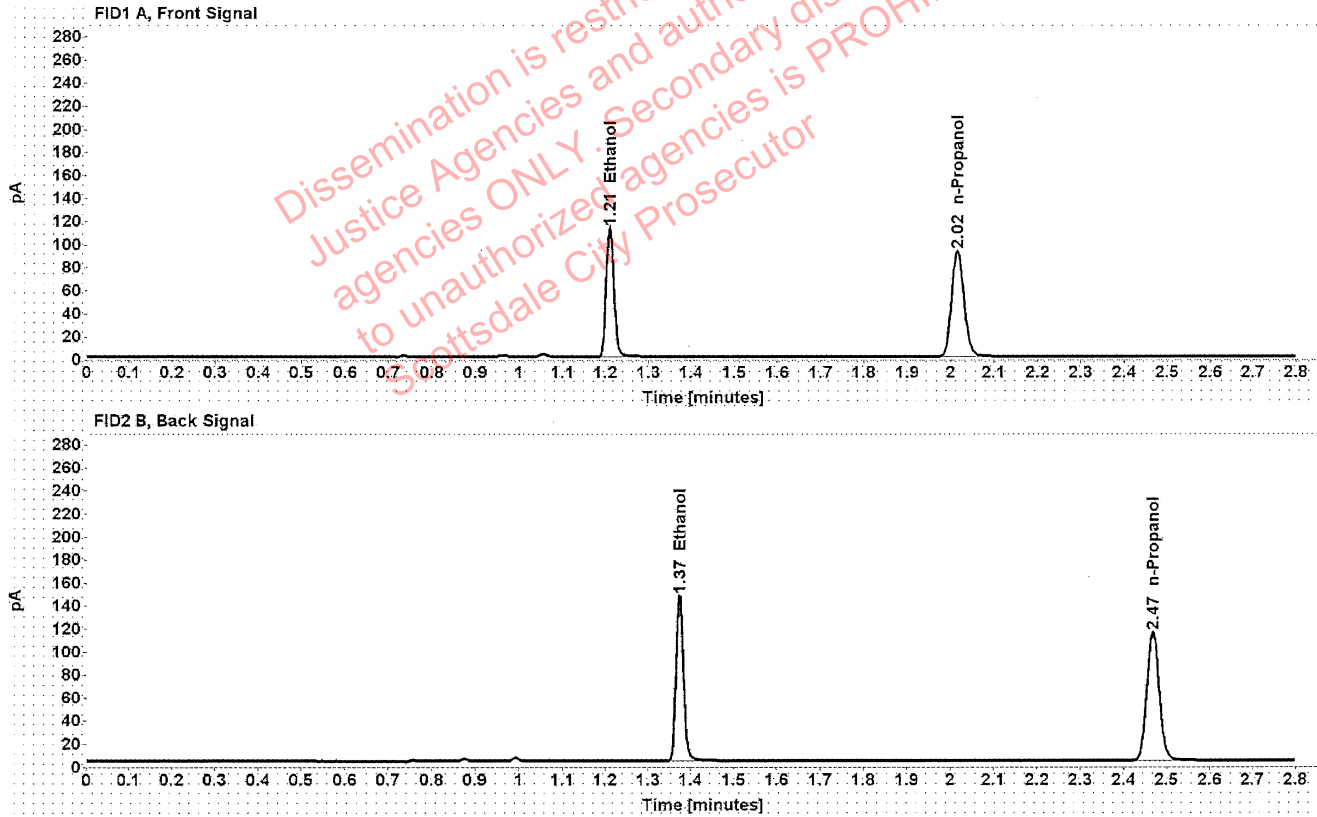


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2121	1.210	142.774
n-Propanol	-----	2.016	183.476

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

Compound	Time (min)	Peak Area
Ethanol	1.374	178.190
n-Propanol	2.467	226.362

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365384	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:09:50 PM
Data file:	C:\Chem32\1\Data\30Mar21\29.D	Analyst:	Abbott

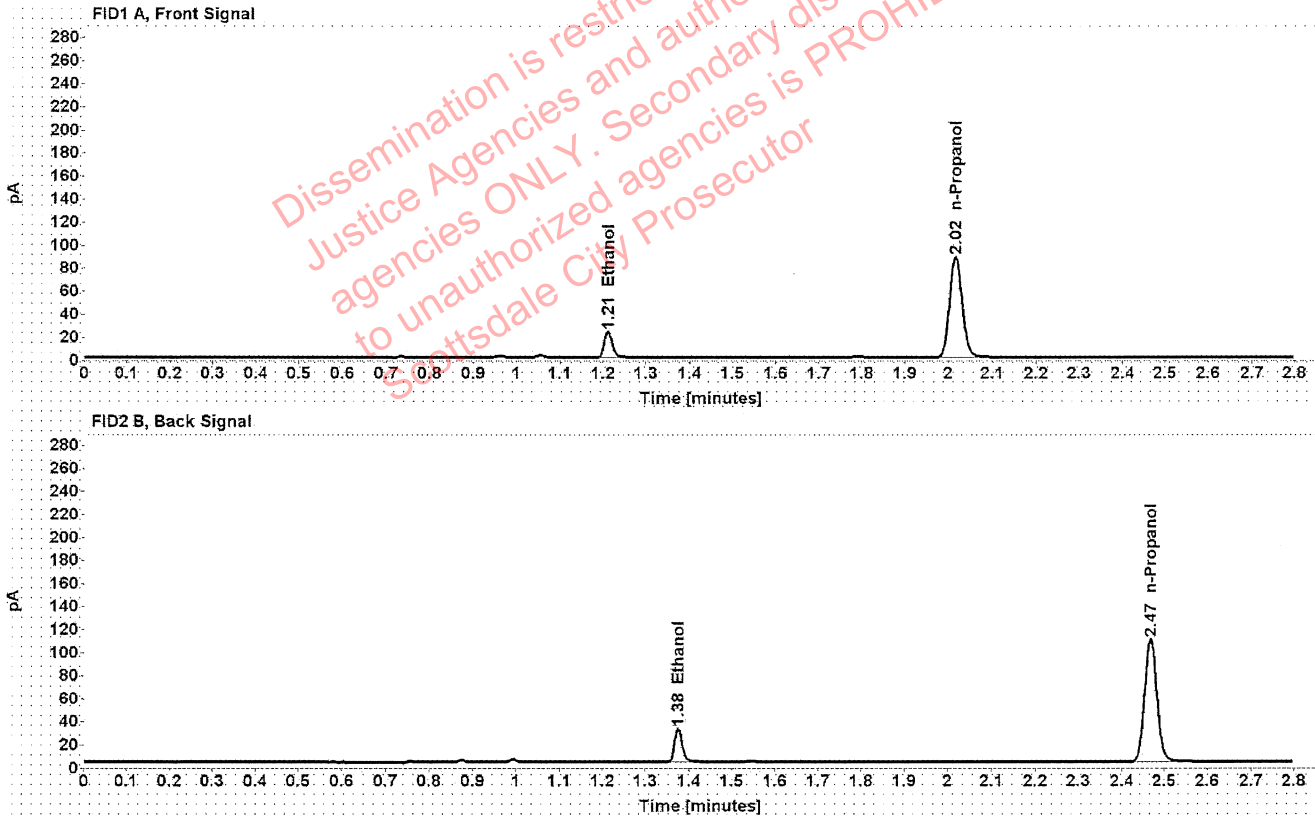


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0458	1.212	28.857
n-Propanol	-----	2.016	175.137

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

Compound	Time (min)	Peak Area
Ethanol	1.375	36.346
n-Propanol	2.468	216.128

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365384	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:13:50 PM
Data file:	C:\Chem32\1\Data\30Mar21\30.D	Analyst:	Abbott

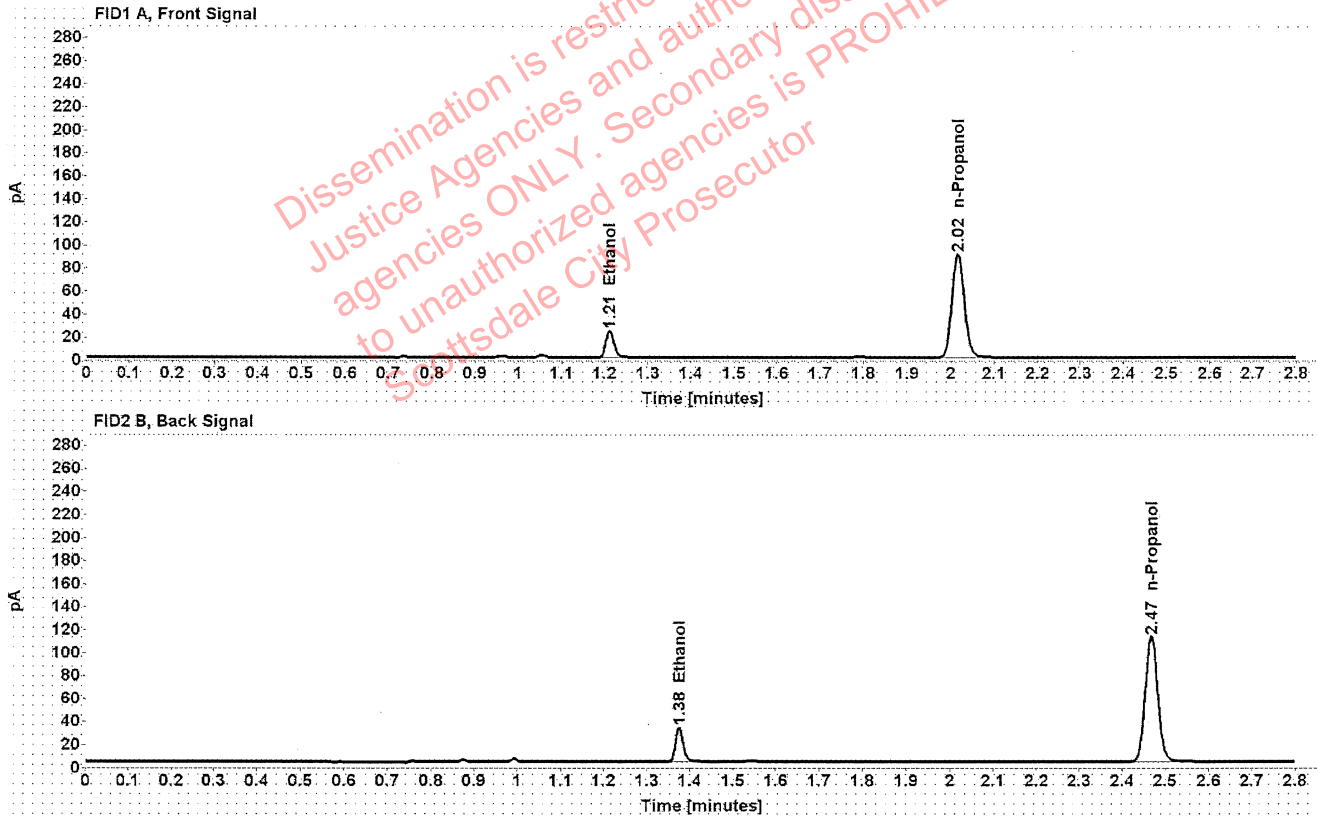


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0462	1.212	29.889
n-Propanol	-----	2.016	179.860

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

Compound	Time (min)	Peak Area
Ethanol	1.375	37.395
n-Propanol	2.467	221.991

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365525	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:22:04 PM
Data file:	C:\Chem32\1\Data\30Mar21\32.D	Analyst:	Abbott

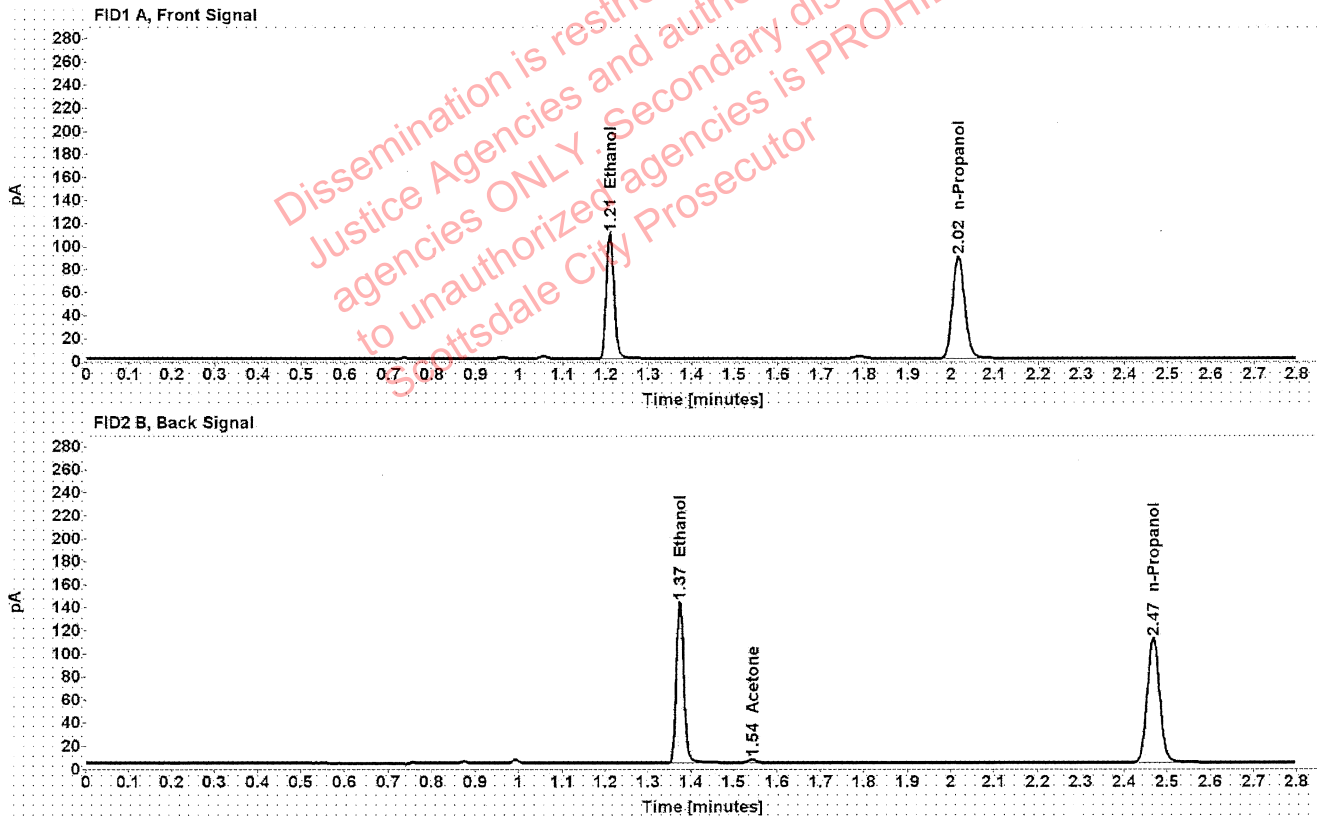


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2127	1.210	138.595
n-Propanol	-----	2.016	177.580

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

Compound	Time (min)	Peak Area
Ethanol	1.374	172.881
Acetone	1.543	3.887
n-Propanol	2.467	218.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365525	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:26:04 PM
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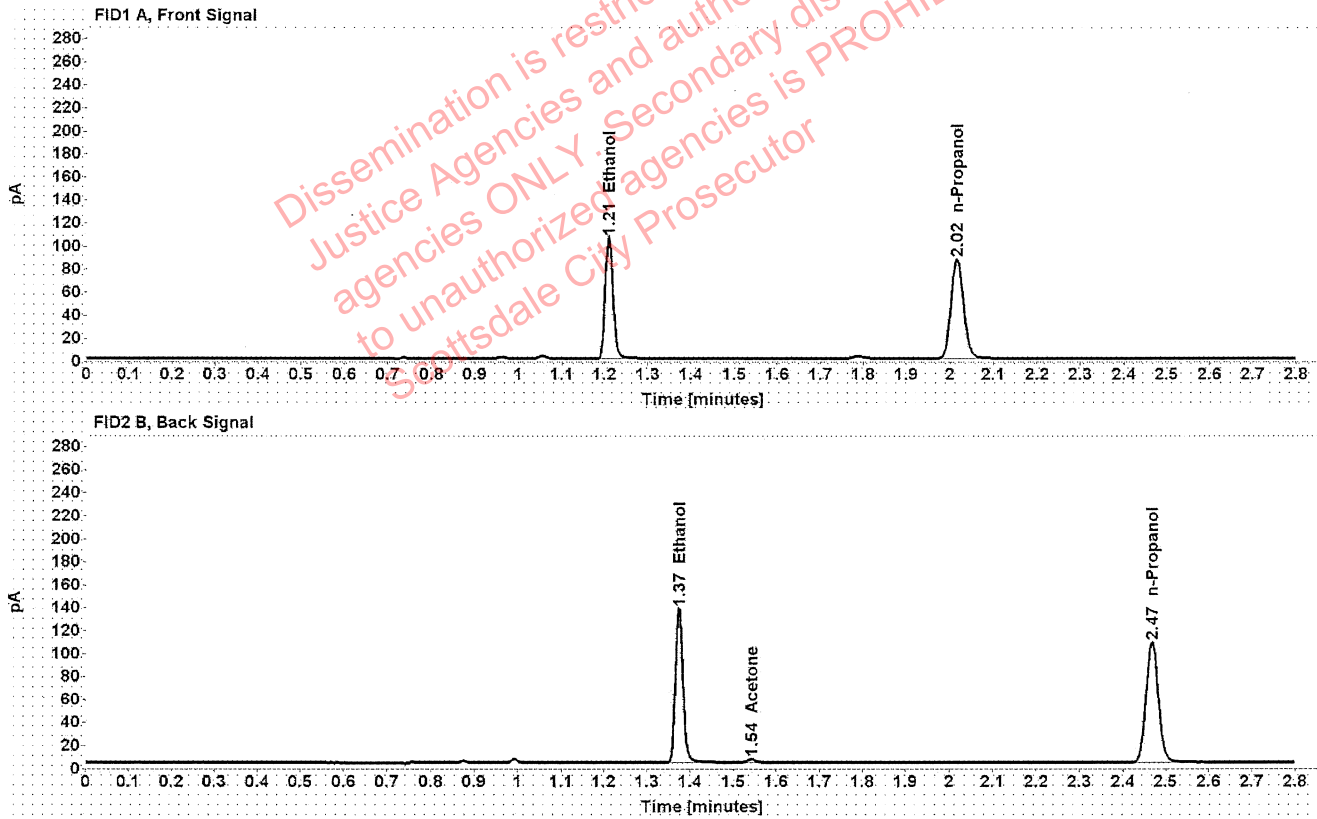


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2109	1.210	133.692
n-Propanol	-----	2.016	172.776

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.316
Acetone	1.543	3.849
n-Propanol	2.467	212.994

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361960	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:30:04 PM
Data file:	C:\Chem32\1\Data\30Mar21\34.D	Analyst:	Abbott

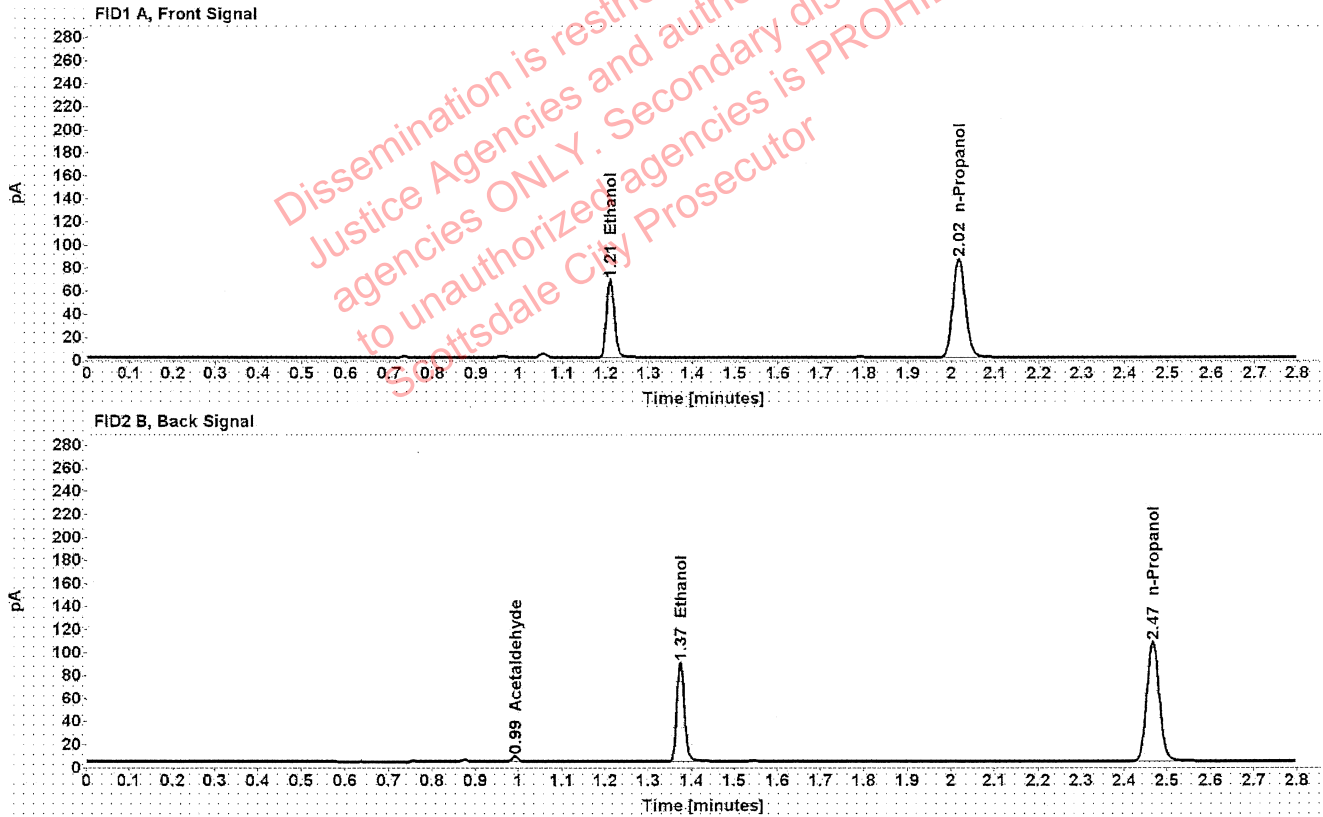


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1371	1.210	85.824
n-Propanol	-----	2.016	171.094

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.681
Ethanol	1.374	106.400
n-Propanol	2.467	210.924

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361960	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:34:05 PM
Data file:	C:\Chem32\1\Data\30Mar21\35.D	Analyst:	Abbott

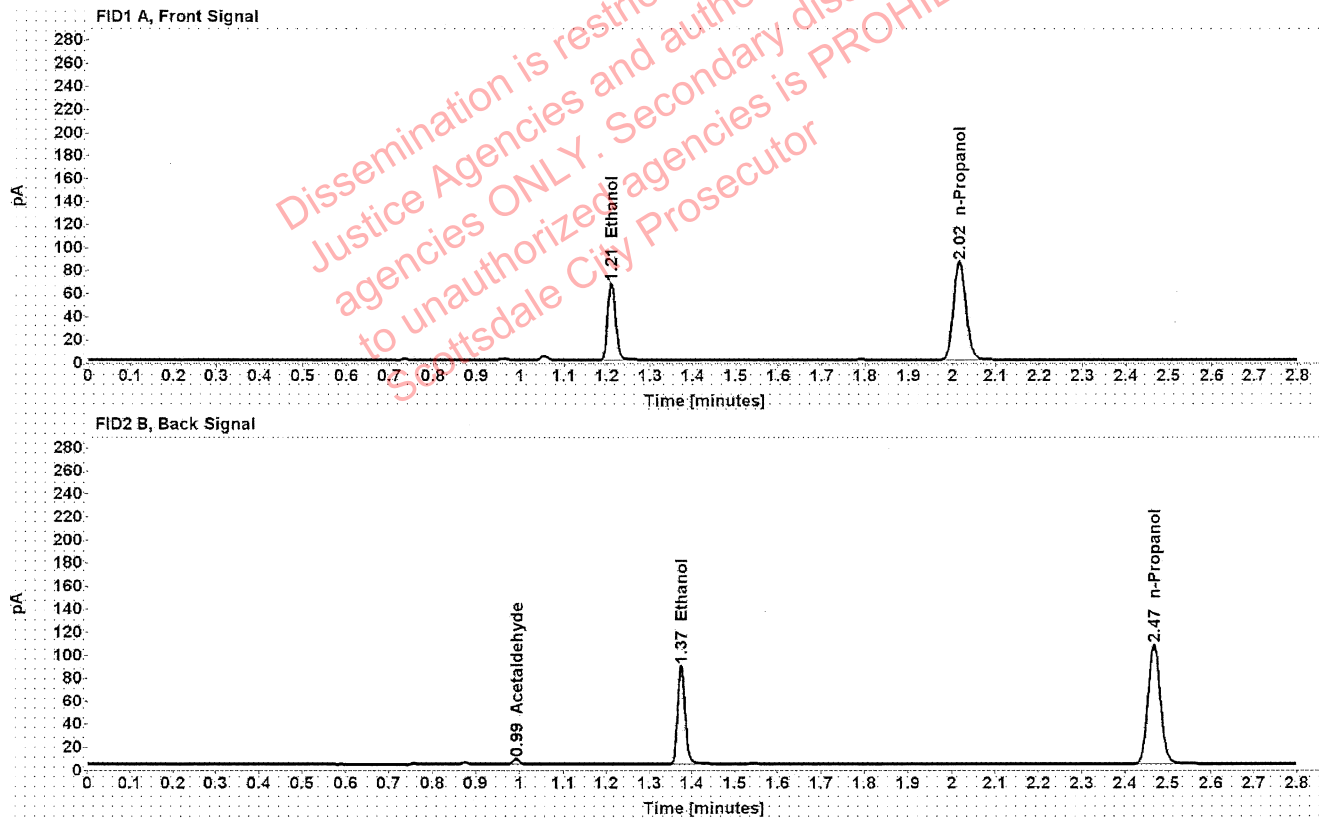


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1367	1.210	85.251
n-Propanol	-----	2.016	170.465

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.602
Ethanol	1.374	105.618
n-Propanol	2.467	210.098

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364259	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:38:06 PM
Data file:	C:\Chem32\1\Data\30Mar21\36.D	Analyst:	Abbott

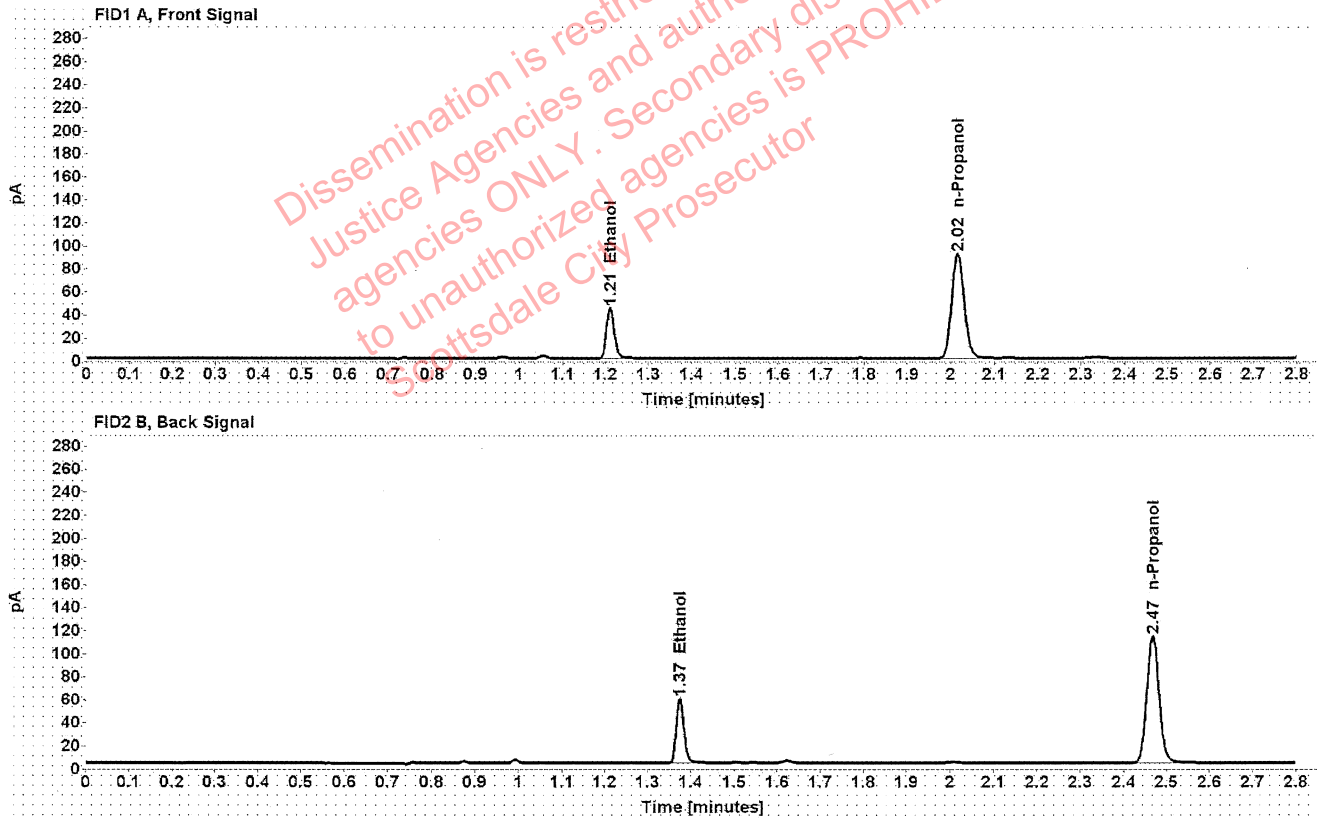


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0851	1.211	56.033
n-Propanol	-----	2.016	180.905

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

Compound	Time (min)	Peak Area
Ethanol	1.375	69.382
n-Propanol	2.468	224.142

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364259	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:42:20 PM
Data file:	C:\Chem32\1\Data\30Mar21\37.D	Analyst:	Abbott

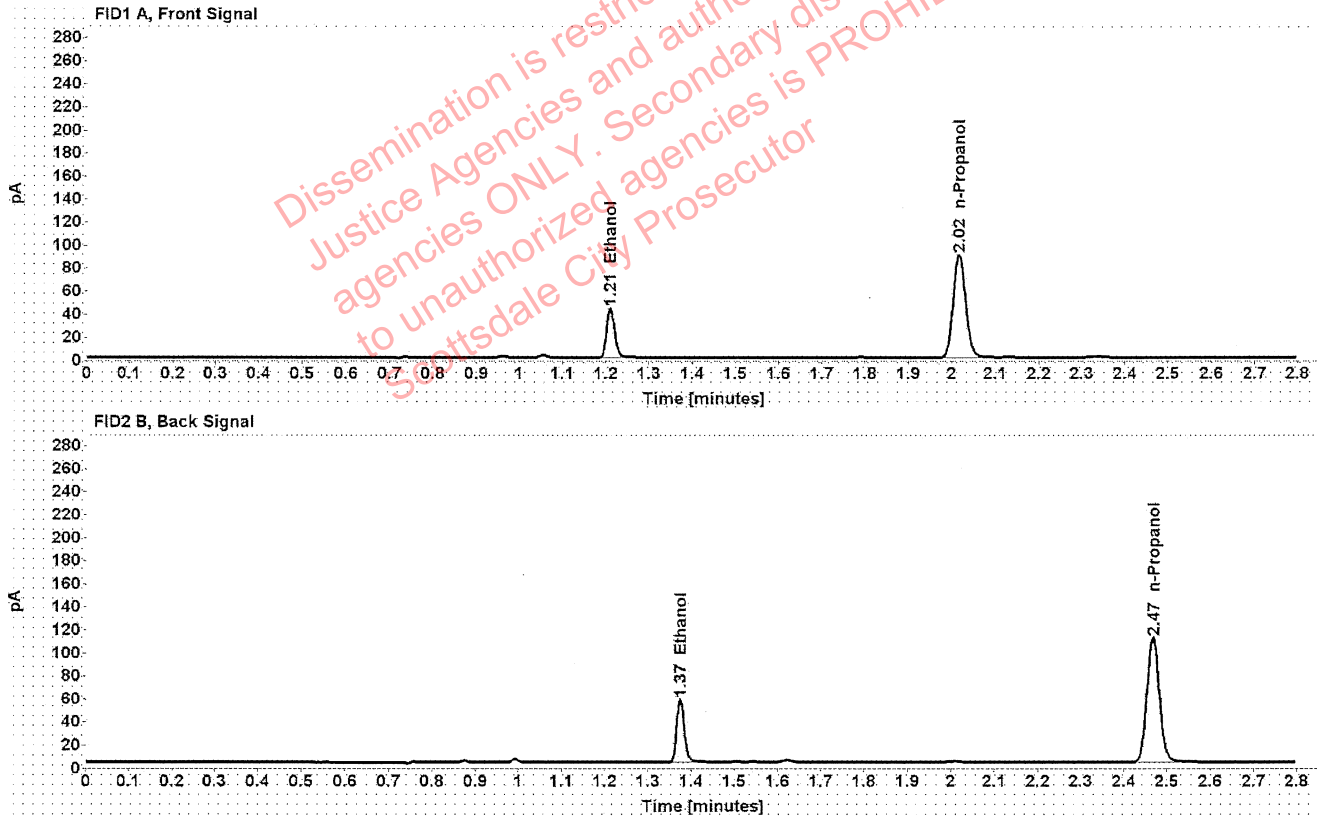


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0845	1.211	54.703
n-Propanol	-----	2.016	177.855

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

Compound	Time (min)	Peak Area
Ethanol	1.375	67.544
n-Propanol	2.468	220.431

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365829	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:46:19 PM
Data file:	C:\Chem32\1\Data\30Mar21\38.D	Analyst:	Abbott

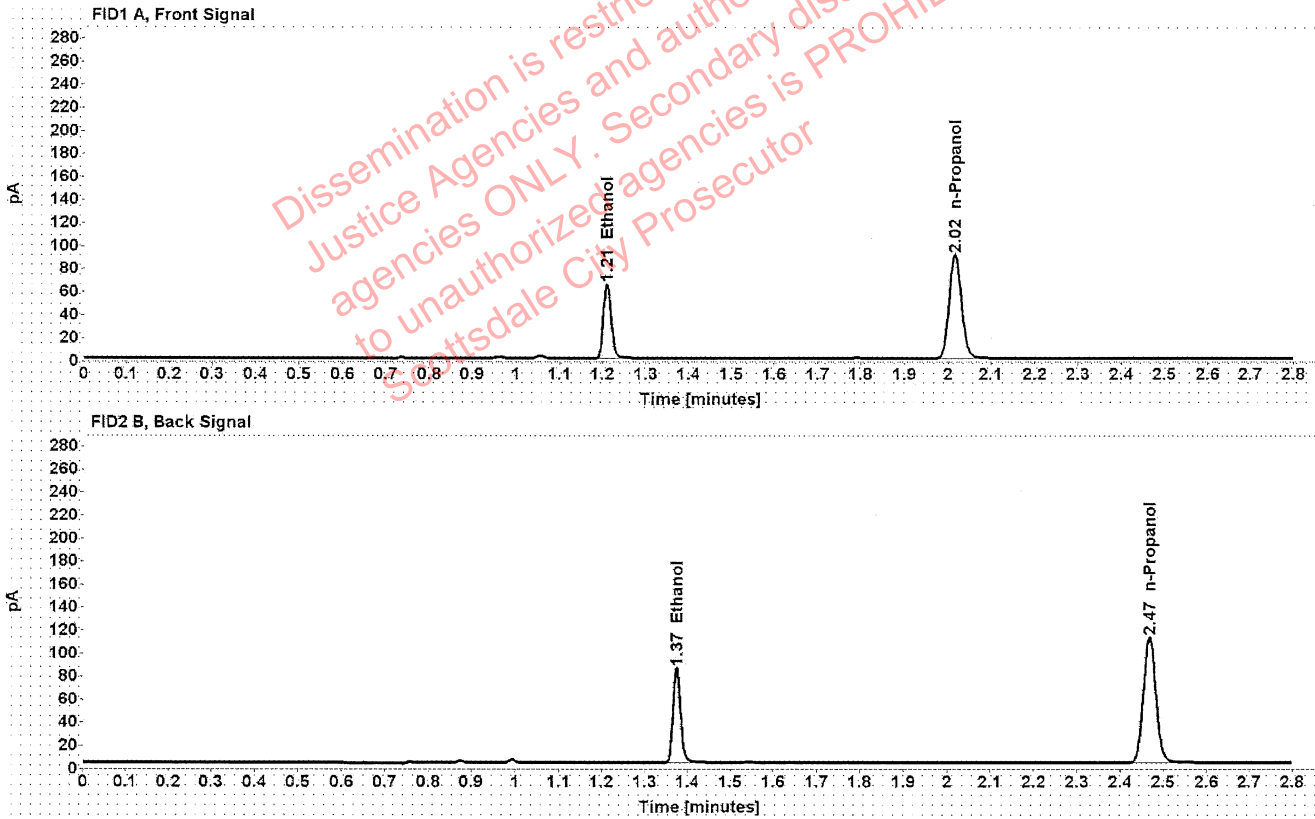


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1254	1.210	82.369
n-Propanol	-----	2.016	179.654

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

Compound	Time (min)	Peak Area
Ethanol	1.374	101.943
n-Propanol	2.468	221.624

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365829	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:50:20 PM
Data file:	C:\Chem32\1\Data\30Mar21\39.D	Analyst:	Abbott

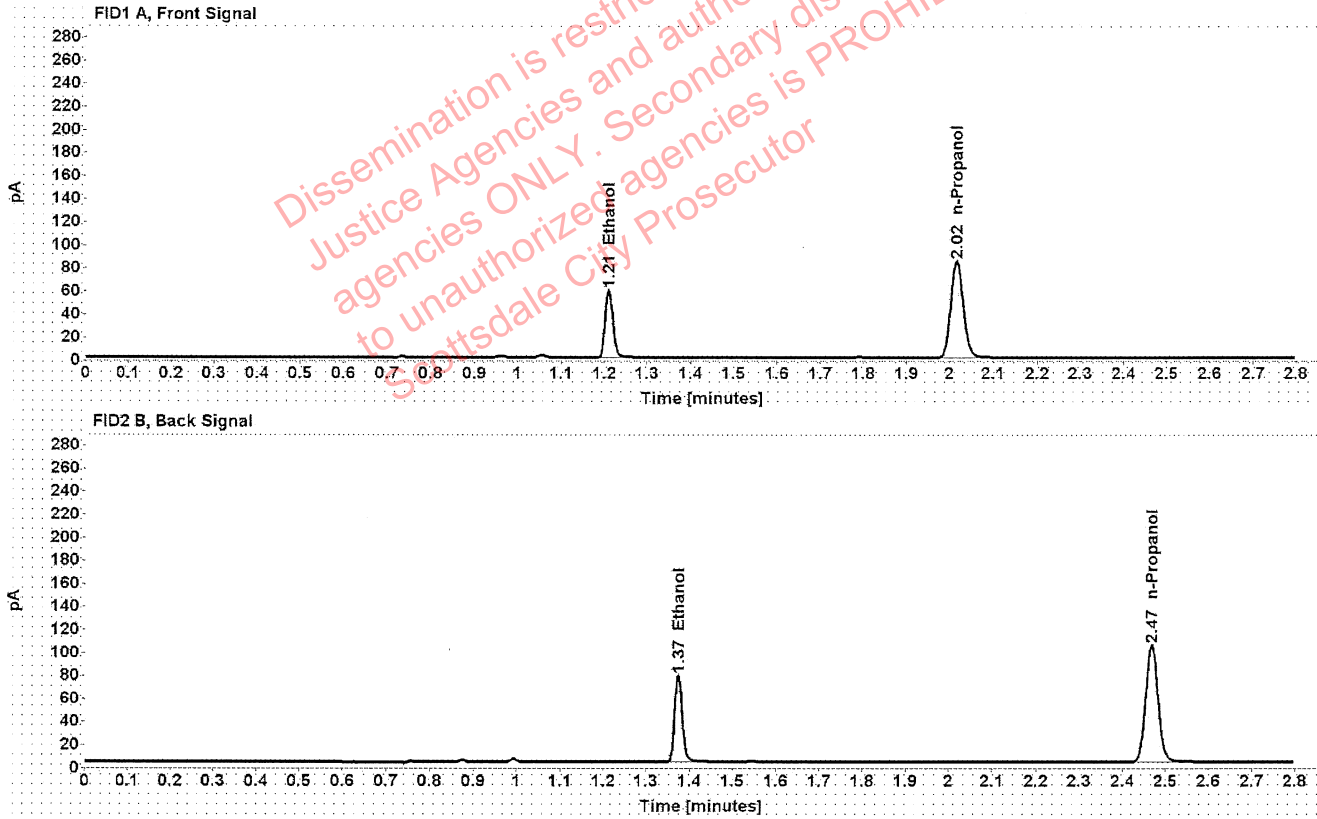


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1229	1.210	75.116
n-Propanol	-----	2.016	167.239

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

Compound	Time (min)	Peak Area
Ethanol	1.374	93.157
n-Propanol	2.467	206.148

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364105	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:54:19 PM
Data file:	C:\Chem32\1\Data\30Mar21\40.D	Analyst:	Abbott

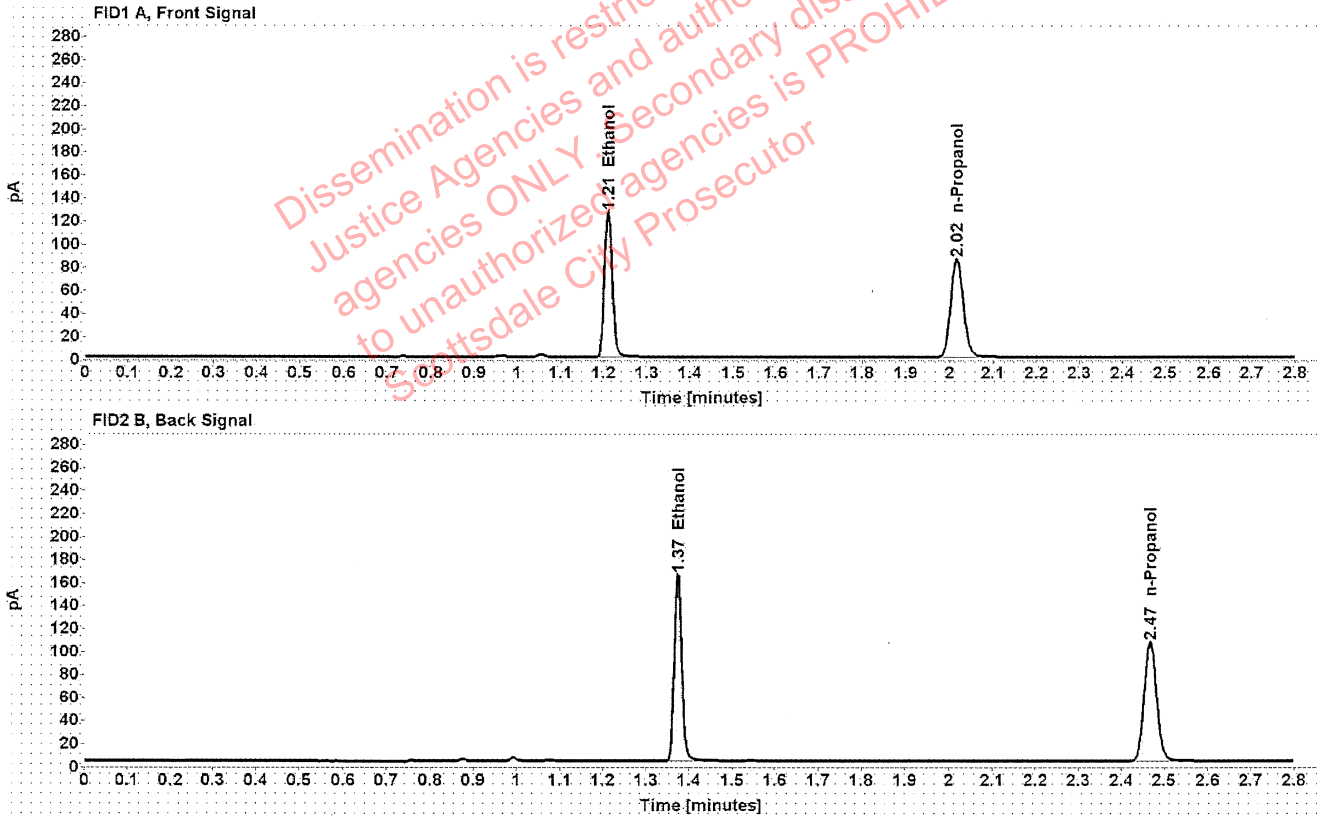


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2570	1.210	160.478
n-Propanol	-----	2.016	170.007

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.068
n-Propanol	2.467	209.173

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364105	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/30/2021 1:58:21 PM
Data file:	C:\Chem32\1\Data\30Mar21\41.D	Analyst:	Abbott

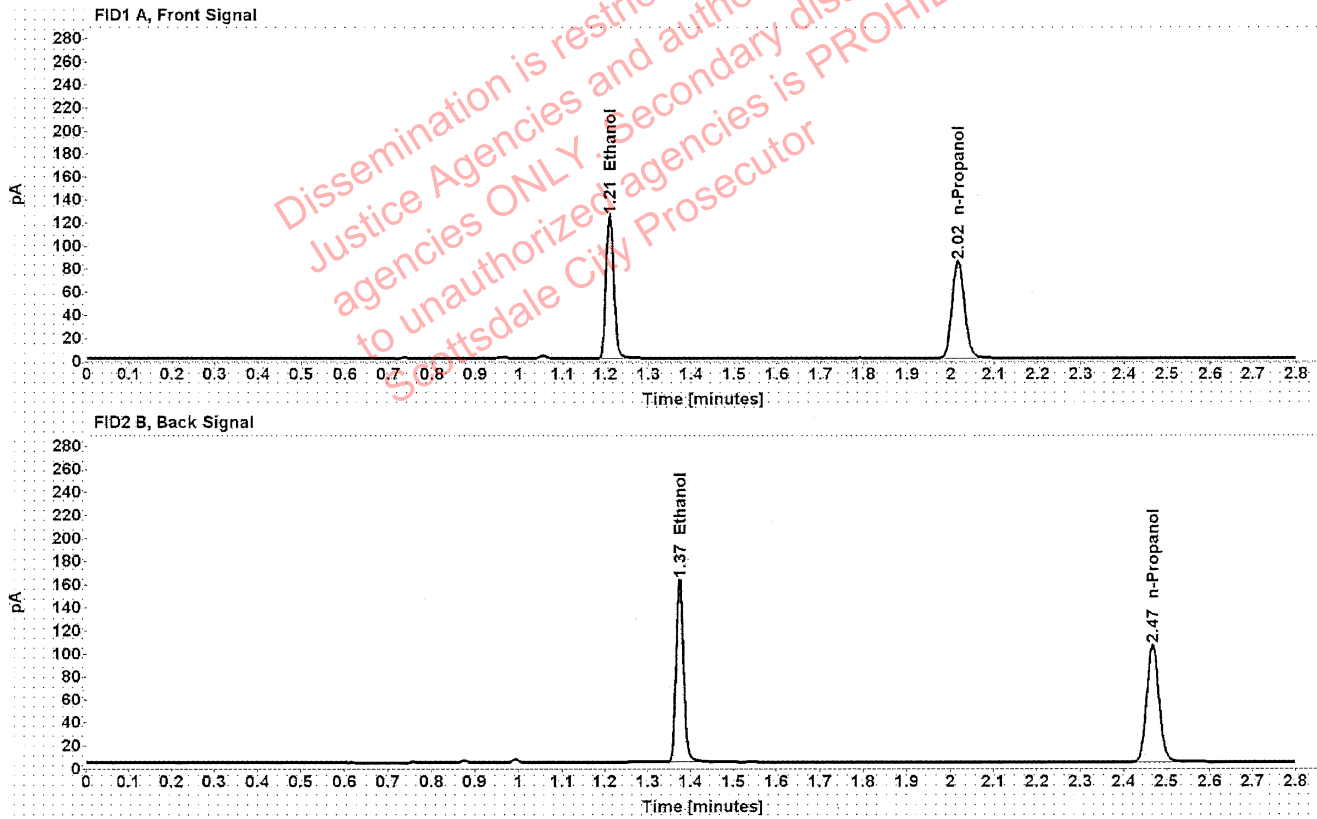


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2552	1.210	157.619
n-Propanol	-----	2.016	168.168

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

Compound	Time (min)	Peak Area
Ethanol	1.374	197.052
n-Propanol	2.468	207.285