

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/27/2021 SEQUENCE NAME 27Oct21

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

<u>Vial</u>	<u>Sample</u>	<u>Expected result</u>	<u>Measured result</u>	<u>Manufacturer/lot</u>
5	Blank	Not detected	Not detected	SPD lab 100421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.397 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.200 g/dL	ACQ 4110320133/2
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
40	Aqueous control	0.400 g/dL	0.395 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.200 g/dL	ACQ 4110320133/2
43	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

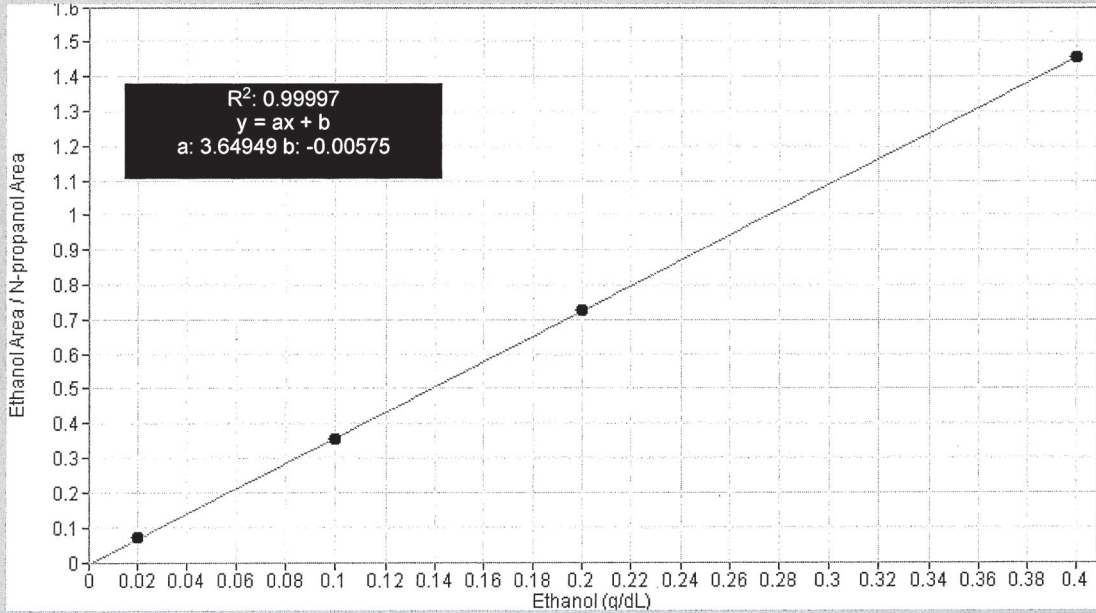
SEQUENCE NAME: 27Oct21

ANALYST: Canonico ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.397	0.400	0.75	-0.003
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/2	9	0.200	0.199	0.50	0.001
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
0.400 11092018-A	40	0.395	0.400	1.25	-0.005
0.040 14082019-B	41	0.040	0.040	0.00	0.000
0.199 4110320133/2	42	0.200	0.199	0.50	0.001
blank 111020WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.832	169.306	0.070
0.100	59.432	167.583	0.355
0.200	126.010	173.580	0.726
0.400	245.870	169.082	1.454

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 27Oct21
Method: ethanol quant.M	Injection date: 10/27/2021 10:59:25 AM
Instrument: US14173023 CN14160045	Analyst: Canonico Ee
Data file: C:\Chem32\1\Data\27Oct21\1.D	

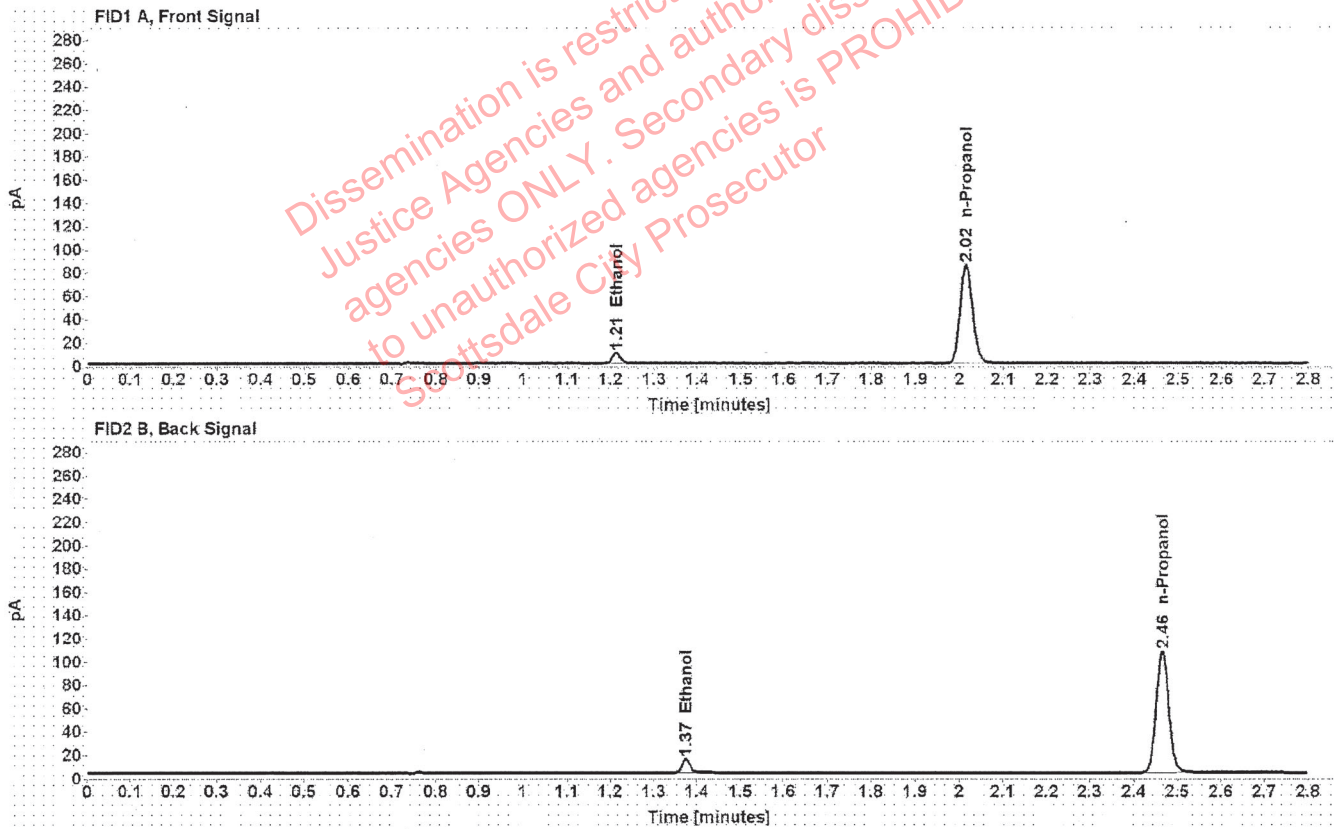


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.832
n-Propanol	2.015	169.306

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.655
n-Propanol	2.465	209.587

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	27Oct21
Method:	ethanol quant.M	Injection date:	10/27/2021 11:03:24 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ee</i>
Data file:	C:\Chem32\1\Data\27Oct21\2.D		

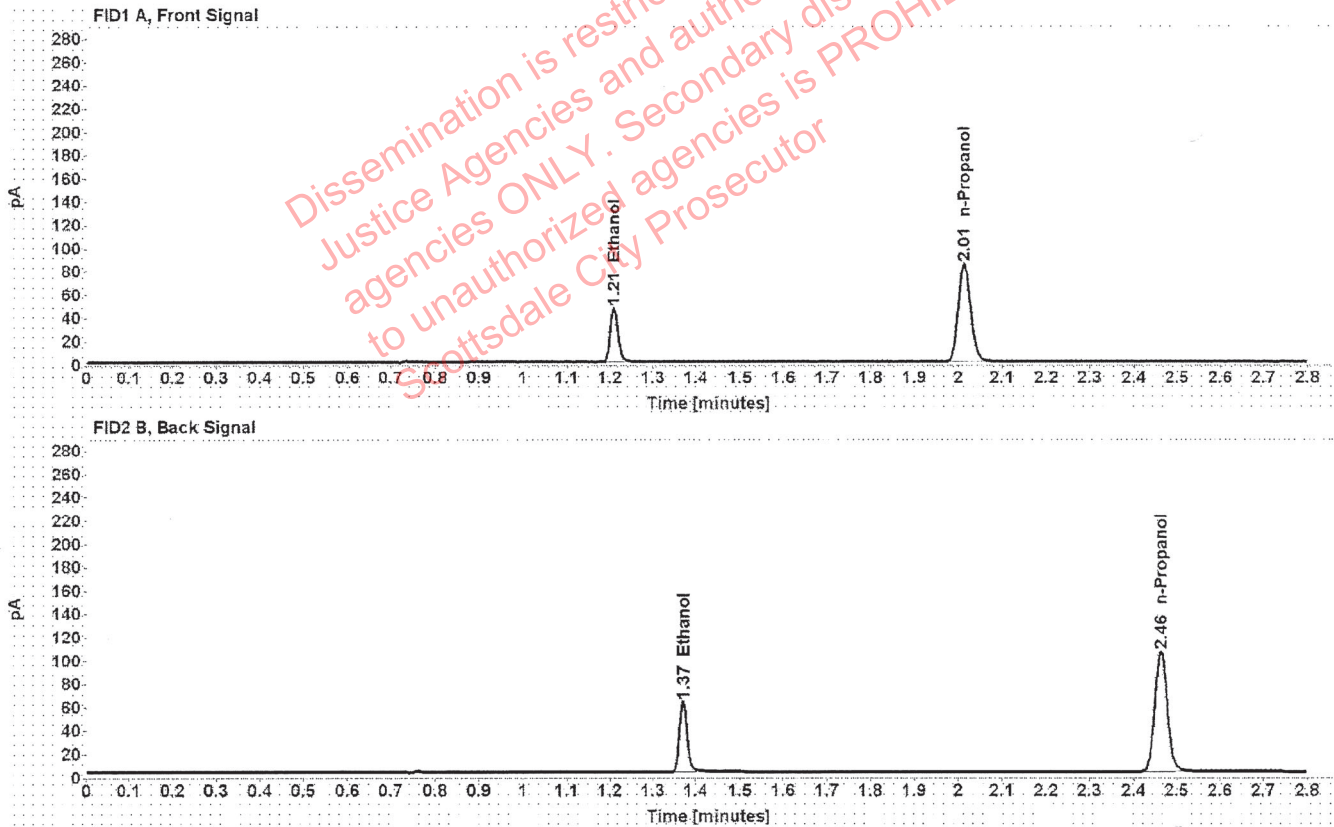


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.432
n-Propanol	2.014	167.583

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

Compound	Time (min)	Peak Area
Ethanol	1.371	74.007
n-Propanol	2.463	207.354

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	27Oct21
Method:	ethanol quant.M	Injection date:	10/27/2021 11:07:24 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ee</i>
Data file:	C:\Chem32\1\Data\27Oct21\3.D		

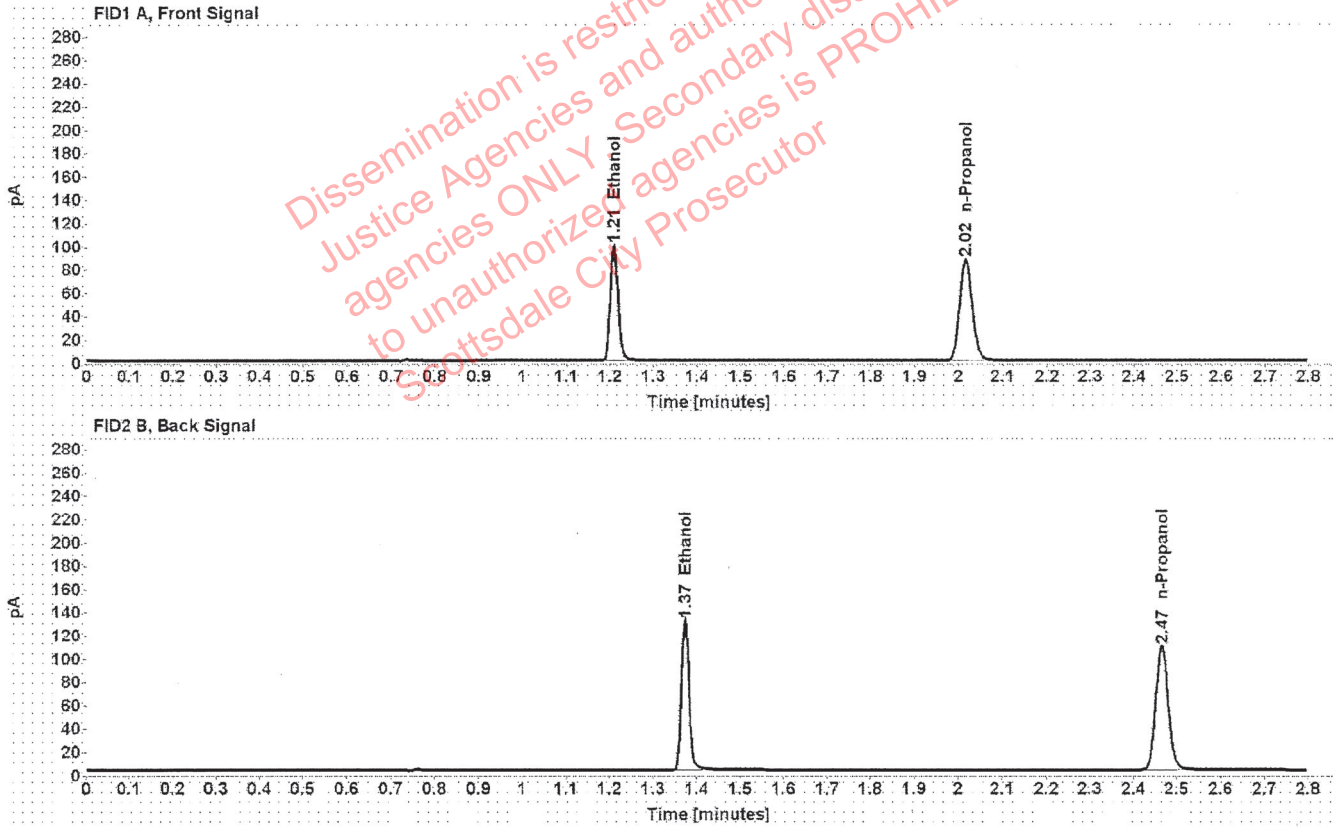


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	126.010
n-Propanol	2.016	173.580

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

Compound	Time (min)	Peak Area
Ethanol	1.373	157.517
n-Propanol	2.466	214.749

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 27Oct21
Method: ethanol quant.M	Injection date: 10/27/2021 11:11:24 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\27Oct21\4.D	

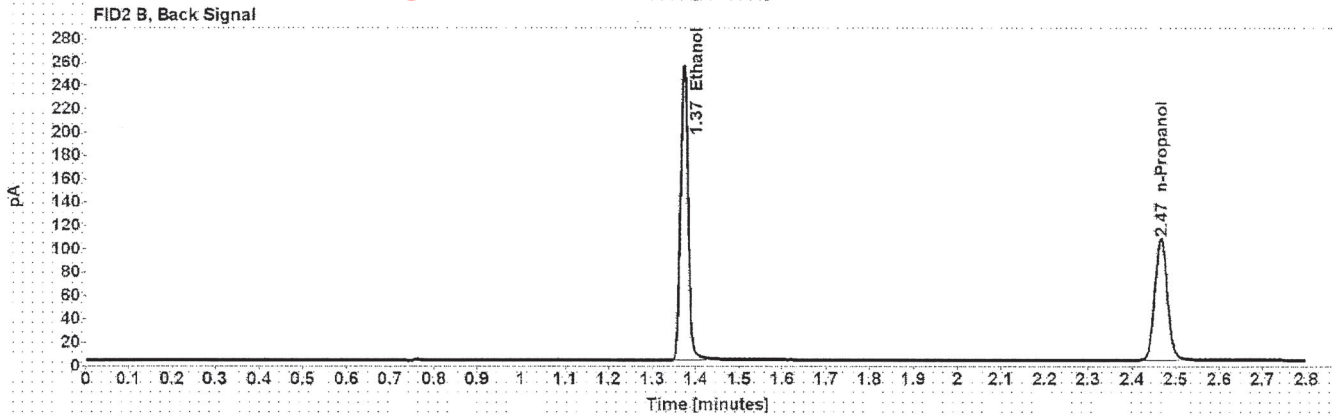
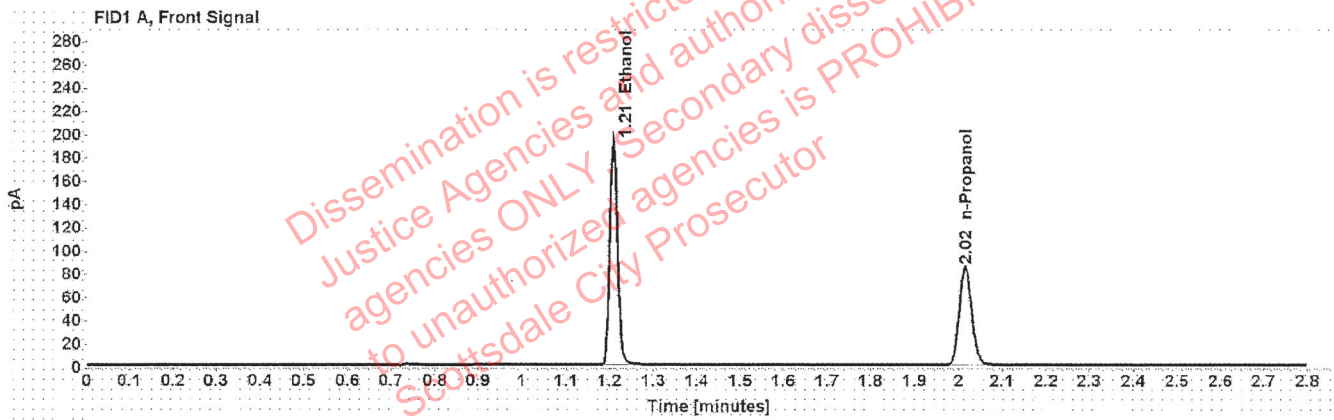


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	245.870
n-Propanol	2.015	169.082

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

Compound	Time (min)	Peak Area
Ethanol	1.373	308.401
n-Propanol	2.466	209.248

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:15:24 AM
Data file:	C:\Chem32\1\Data\27Oct21\5.D	Analyst:	Canonico <i>EC</i>

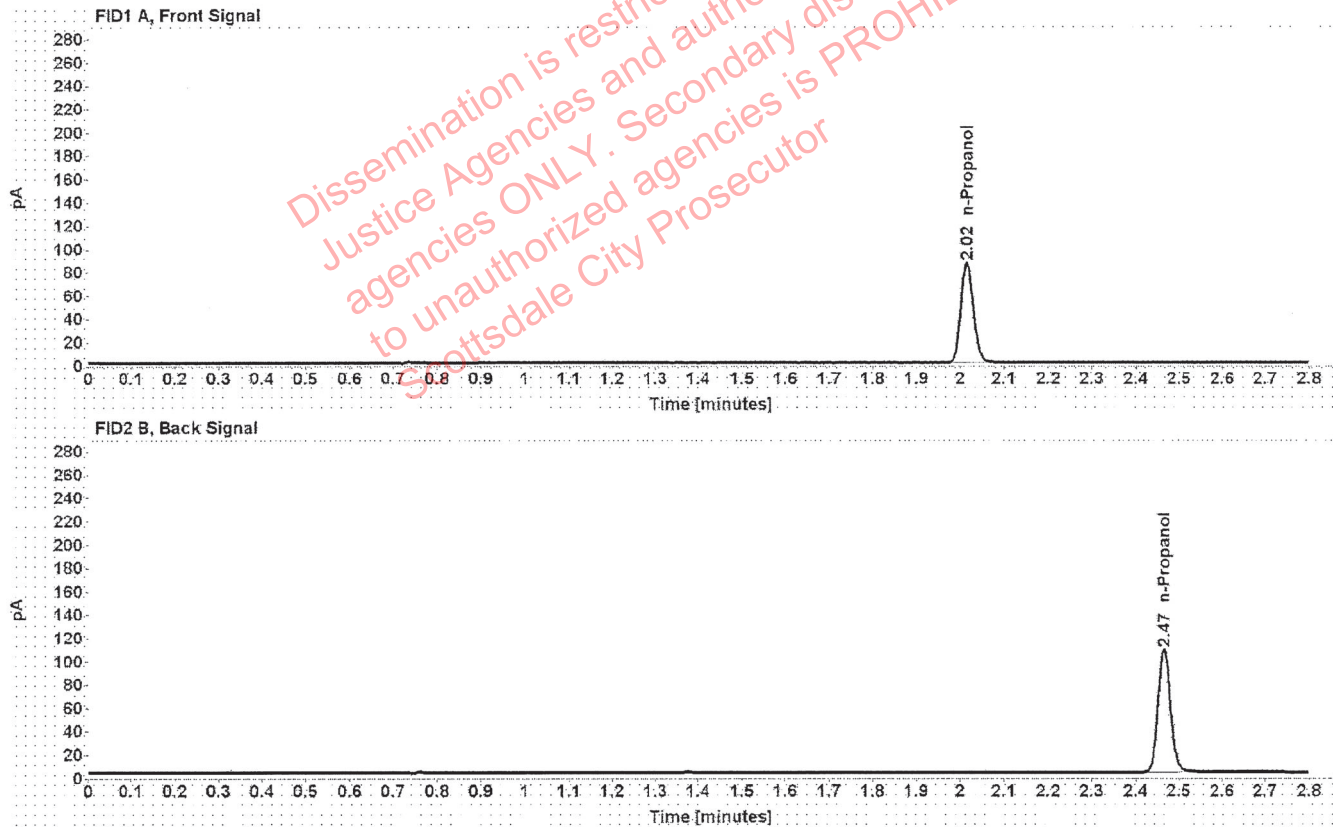


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	171.381

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	211.769

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:19:24 AM
Data file:	C:\Chem32\1\Data\27Oct21\6.D	Analyst:	Canonico <i>EC</i>

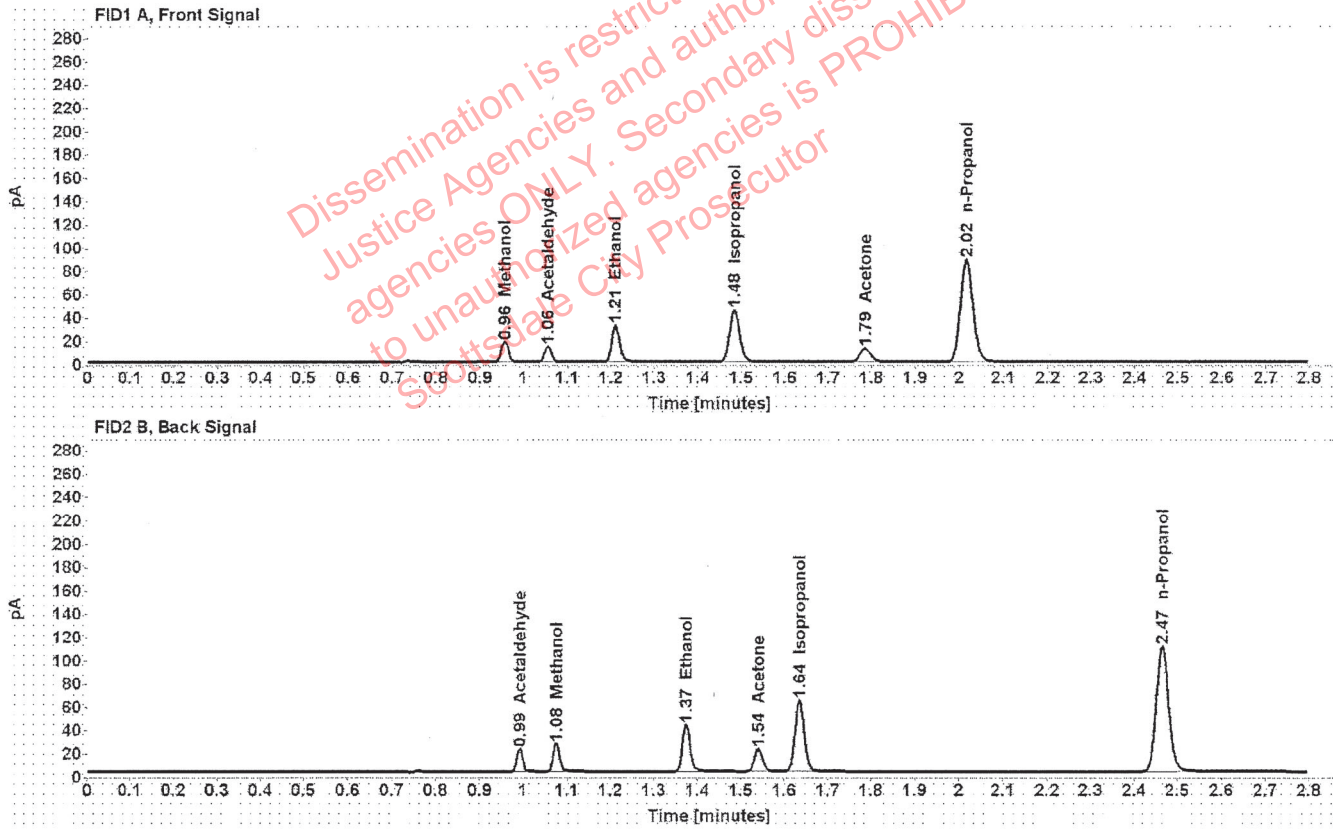


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	19.746
Acetaldehyde	-----	1.055	14.380
>Ethanol	0.0647	1.211	40.315
Isopropanol	-----	1.484	71.722
Acetone	-----	1.785	19.916
n-Propanol	-----	2.016	175.058

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	18.722
Methanol	1.076	25.423
Ethanol	1.374	50.129
Acetone	1.541	25.094
Isopropanol	1.636	91.733
n-Propanol	2.466	216.742

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:23:39 AM
Data file:	C:\Chem32\1\Data\27Oct21\7.D	Analyst:	Canonico <i>ec</i>

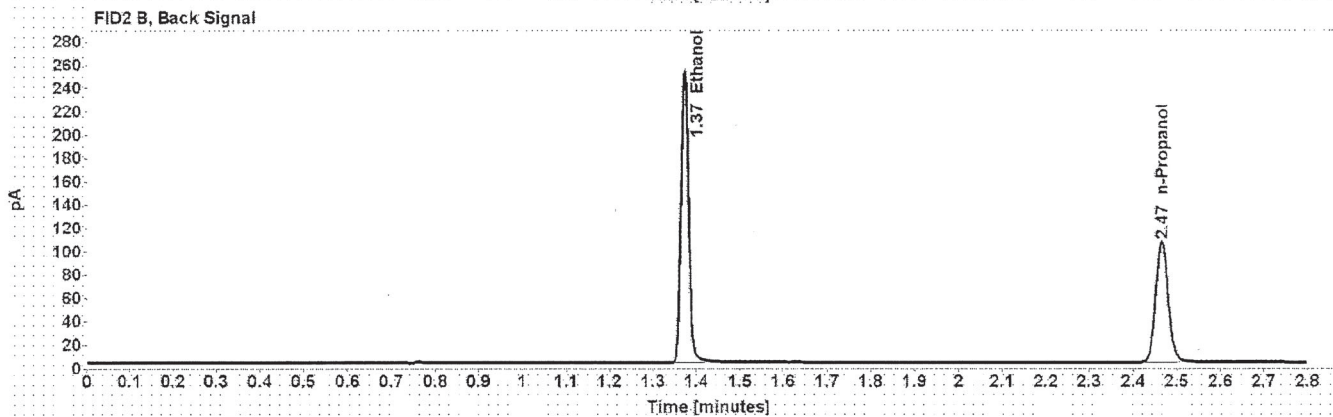
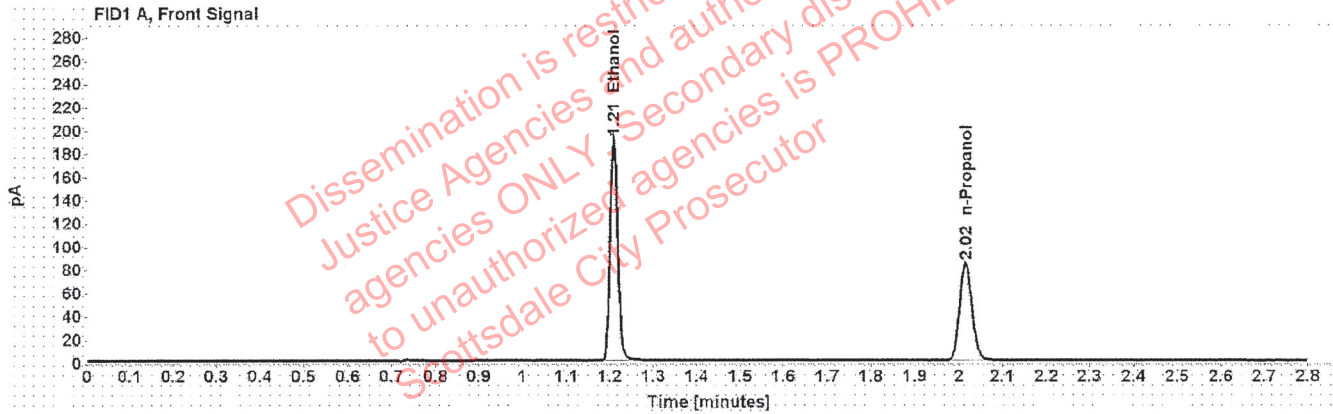


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3976	1.209	242.449
n-Propanol	-----	2.016	167.752

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

Compound	Time (min)	Peak Area
Ethanol	1.373	304.338
n-Propanol	2.466	207.764

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 27Oct21
Instrument: US14173023 CN14160045	Injection date: 10/27/2021 11:27:40 AM
Data file: C:\Chem32\1\Data\27Oct21\8.D	Analyst: Canonico <i>ee</i>

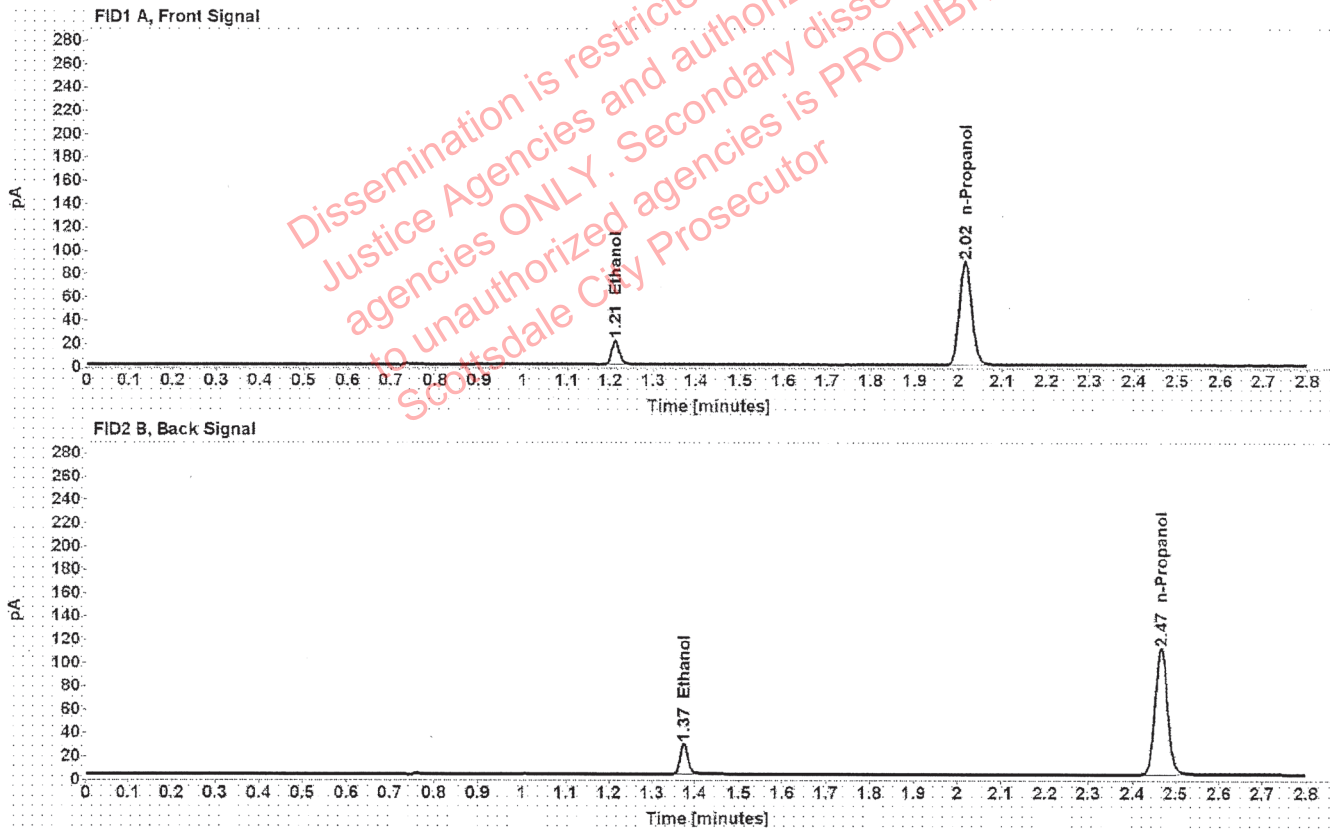


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.212	25.751
n-Propanol	-----	2.016	176.284

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

Compound	Time (min)	Peak Area
Ethanol	1.375	32.027
n-Propanol	2.466	218.463

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:31:39 AM
Data file:	C:\Chem32\1\Data\27Oct21\9.D	Analyst:	Canonico EC

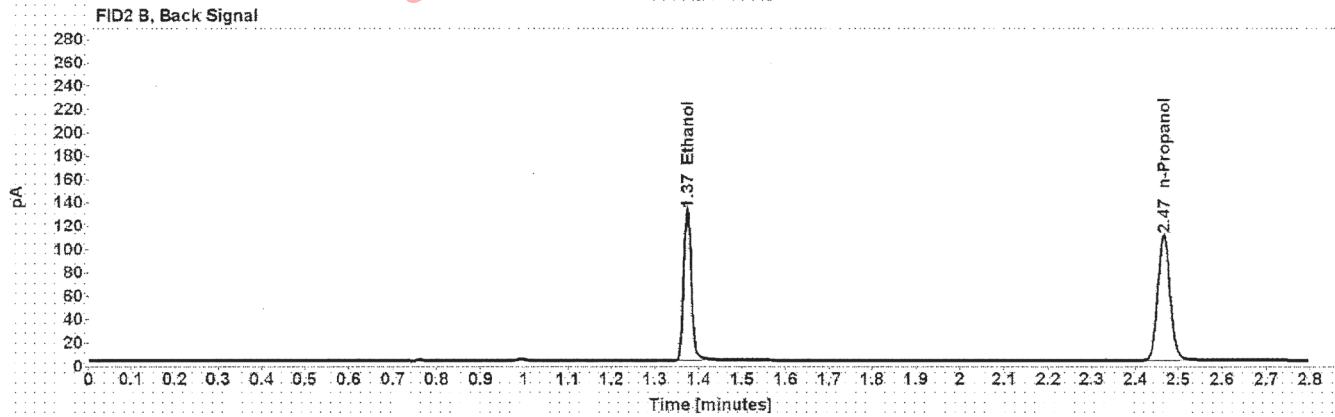
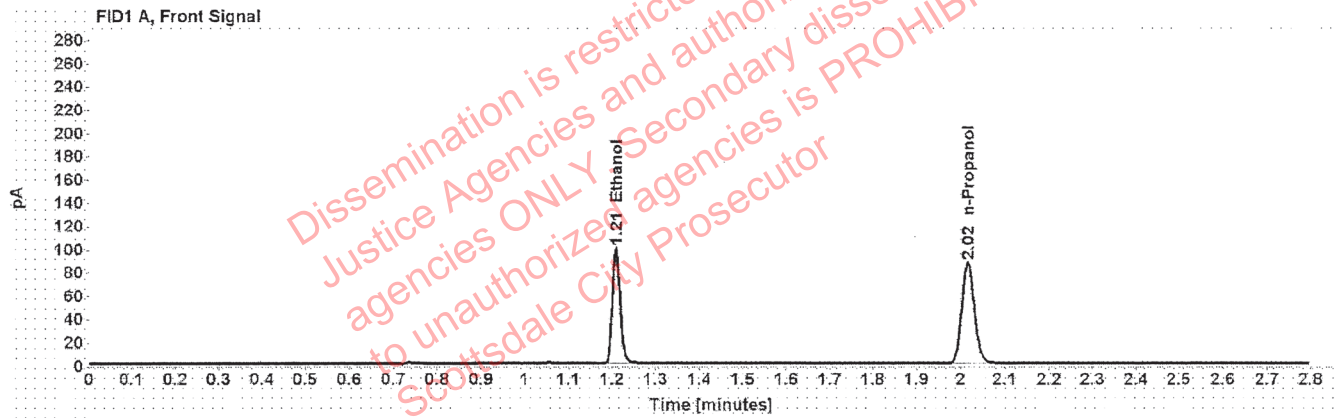


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2007	1.210	126.113
n-Propanol	-----	2.016	173.537

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.887
n-Propanol	2.466	215.624

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:16:08 PM
Data file:	C:\Chem32\1\Data\27Oct21\20.D	Analyst:	Canonico <i>EC</i>

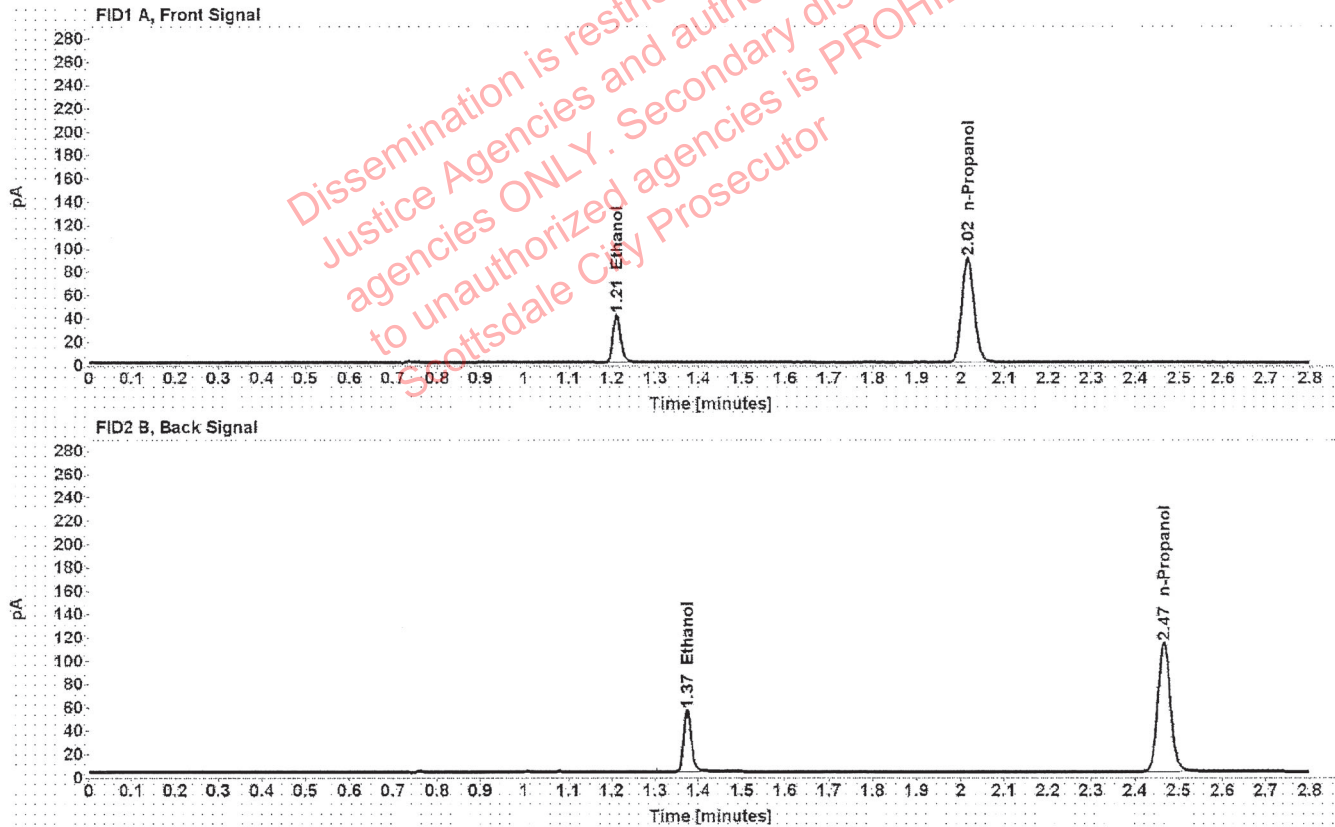


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.211	51.930
n-Propanol	-----	2.016	178.261

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

Compound	Time (min)	Peak Area
Ethanol	1.374	65.287
n-Propanol	2.466	222.626

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:00:39 PM
Data file:	C:\Chem32\1\Data\27Oct21\31.D	Analyst:	Canonico <i>ee</i>

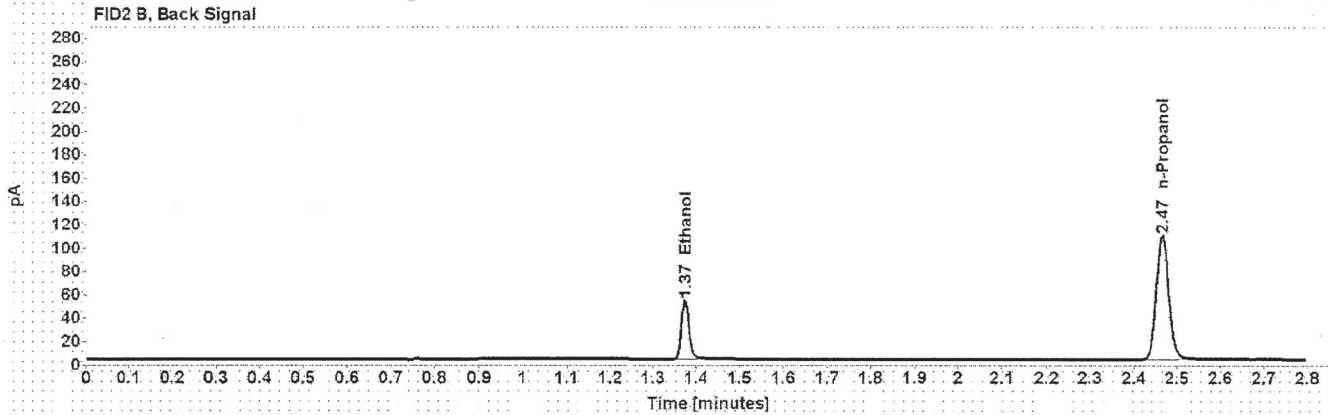
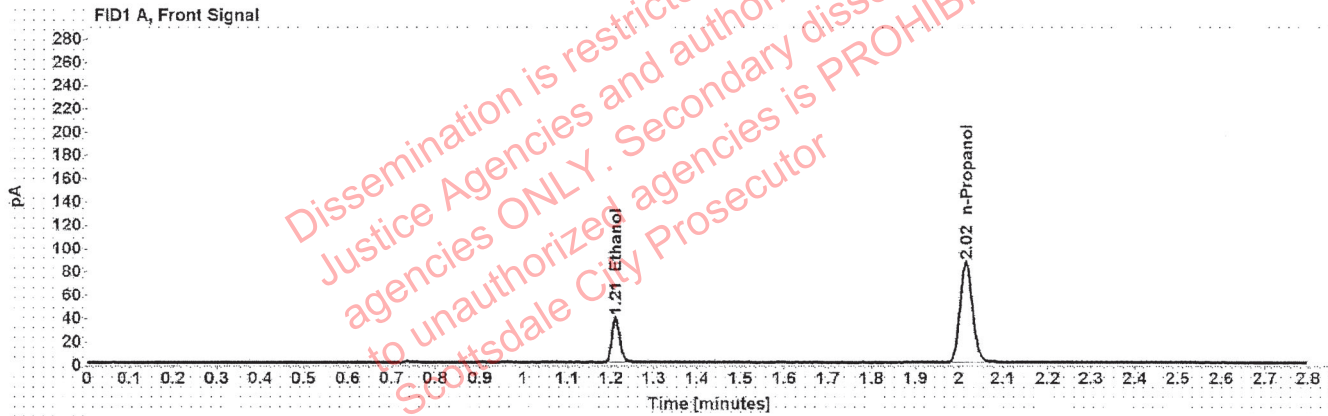


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.211	49.664
n-Propanol	-----	2.016	172.234

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.330
n-Propanol	2.466	214.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	40
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:36:54 PM
Data file:	C:\Chem32\1\Data\27Oct21\40.D	Analyst:	Canonico <i>EC</i>

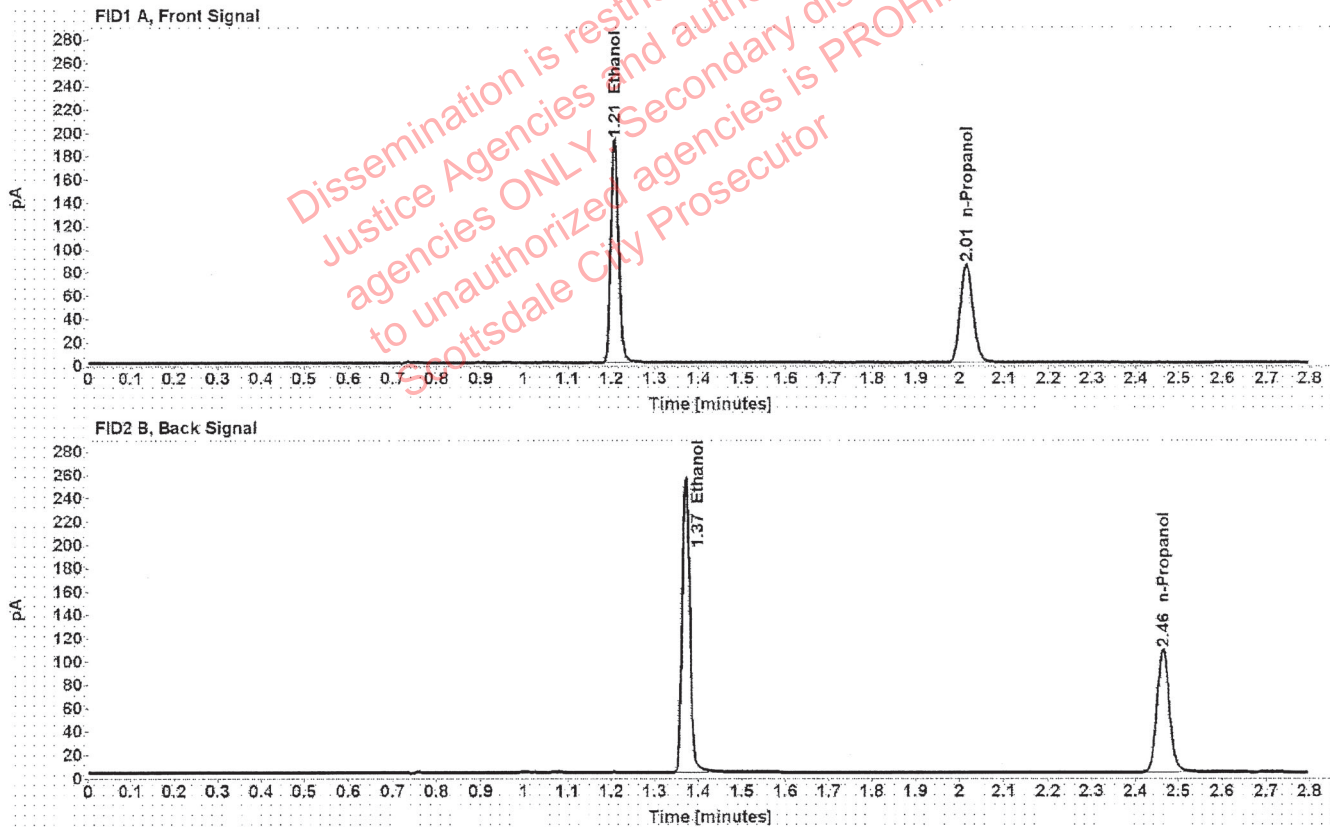


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3959	1.208	243.898
n-Propanol	-----	2.015	169.496

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

Compound	Time (min)	Peak Area
Ethanol	1.371	308.932
n-Propanol	2.464	212.380

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 41
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 27Oct21
Instrument: US14173023 CN14160045	Injection date: 10/27/2021 1:40:53 PM
Data file: C:\Chem32\1\Data\27Oct21\41.D	Analyst: Canonico <i>ec</i>

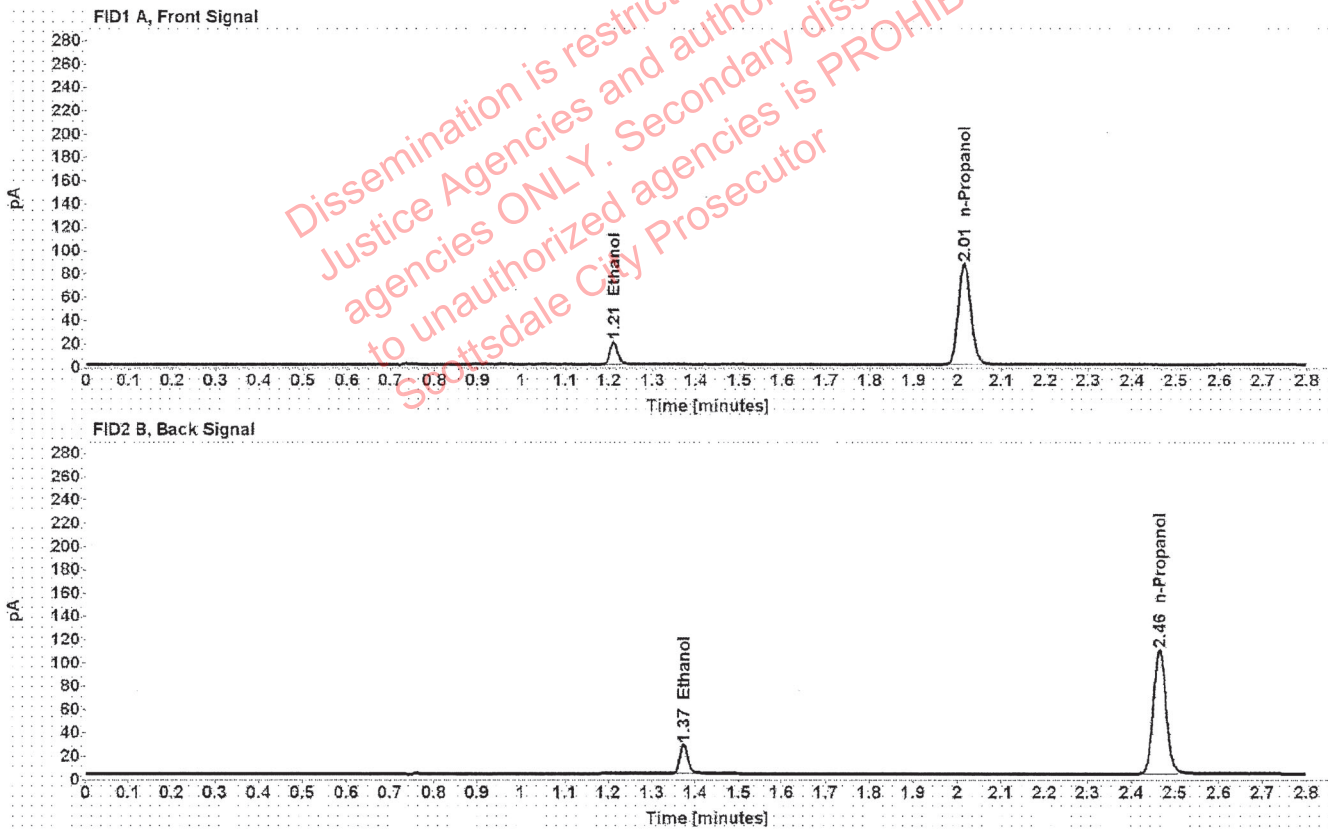


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.211	24.667
n-Propanol	-----	2.015	171.981

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.017
n-Propanol	2.464	215.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:44:54 PM
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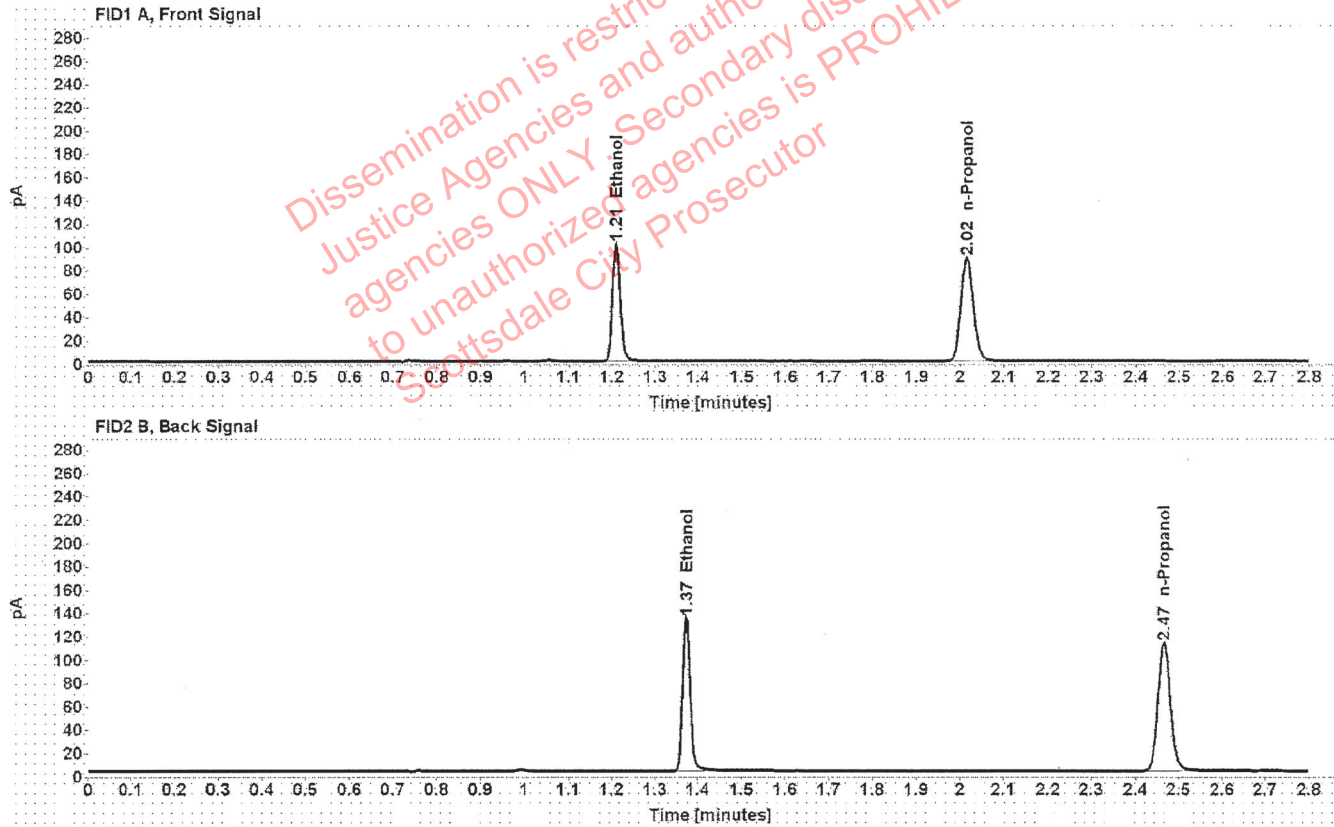


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2002	1.210	128.149
n-Propanol	-----	2.016	176.798

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

Compound	Time (min)	Peak Area
Ethanol	1.373	161.995
n-Propanol	2.466	221.559

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:49:08 PM
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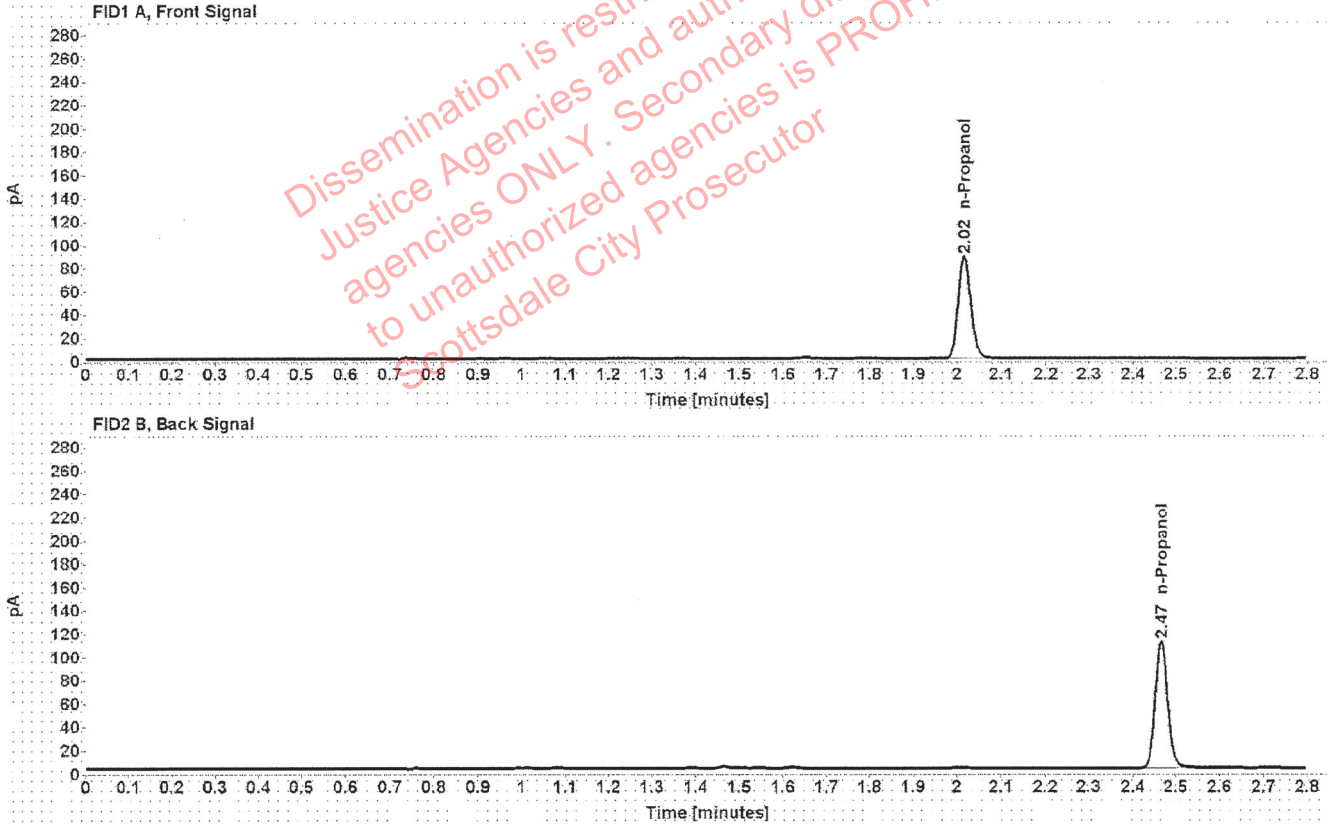


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	175.101

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	220.032

Sequence Summary

Sequence name: 27Oct21 Instrument: US14173023 CN14160045 Analyst: Canonico *EC*

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	100421AQ	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	4110320133/2	0.199	Control		ethanol quant.M
10	1368244		Sample		ethanol quant.M
11	1368244		Sample		ethanol quant.M
12	1394015		Sample		ethanol quant.M
13	1394015		Sample		ethanol quant.M
14	1392563		Sample		ethanol quant.M
15	1392563		Sample		ethanol quant.M
16	1393768		Sample		ethanol quant.M
17	1393768		Sample		ethanol quant.M
18	1381902		Sample		ethanol quant.M
19	1381902		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1393609		Sample		ethanol quant.M
22	1393609		Sample		ethanol quant.M
23	1364354		Sample		ethanol quant.M
24	1364354		Sample		ethanol quant.M
25	1394280		Sample		ethanol quant.M
26	1394280		Sample		ethanol quant.M
27	1254410		Sample		ethanol quant.M
28	1254410		Sample		ethanol quant.M
29	1393893		Sample		ethanol quant.M
30	1393893		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1393825		Sample		ethanol quant.M
33	1393825		Sample		ethanol quant.M
34	1393886		Sample		ethanol quant.M
35	1393886		Sample		ethanol quant.M
36	1393941		Sample		ethanol quant.M
37	1393941		Sample		ethanol quant.M
38	1394153		Sample		ethanol quant.M
39	1394153		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/2	0.199	Control		ethanol quant.M
43	111020WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 27Oct21

ANALYST: Canonico

ee

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1041	0.1036	0.10385	0.24	0.00025
12 13	0.1947	0.1953	0.19500	0.15	0.00030
14 15	0.1026	0.1029	0.10275	0.15	0.00015
16 17	0.2394	0.2397	0.23955	0.06	0.00015
18 19	0.2671	0.2689	0.26800	0.34	0.00090
21 22	0.2952	0.2982	0.29670	0.51	0.00150
23 24	0.2094	0.2076	0.20850	0.43	0.00090
25 26	0.1274	0.1266	0.12700	0.31	0.00040
27 28	0.1798	0.1788	0.17930	0.28	0.00050
29 30	0.2647	0.2654	0.26505	0.13	0.00035
32 33	0.2050	0.2041	0.20455	0.22	0.00045
34 35	0.1659	0.1669	0.16640	0.30	0.00050
36 37	0.2242	0.2256	0.22490	0.31	0.00070
38 39	0.2329	0.2315	0.23220	0.30	0.00070

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368244	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:35:41 AM
Data file:	C:\Chem32\1\Data\27Oct21\10.D	Analyst:	Canonico

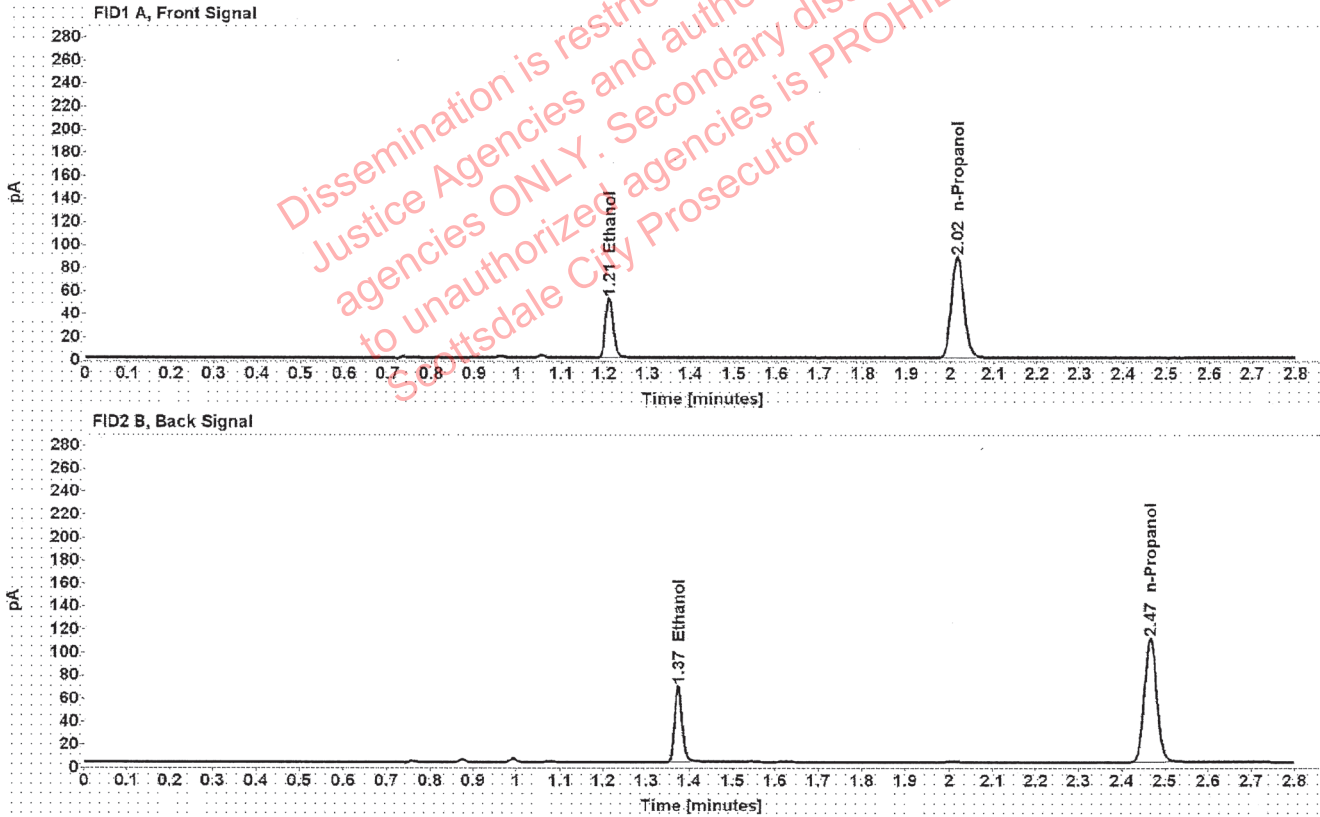


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1041	1.210	65.358
n-Propanol	-----	2.016	174.664

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.395
n-Propanol	2.466	216.921

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368244	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:39:39 AM
Data file:	C:\Chem32\11\Data\27Oct21\11.D	Analyst:	Canonico

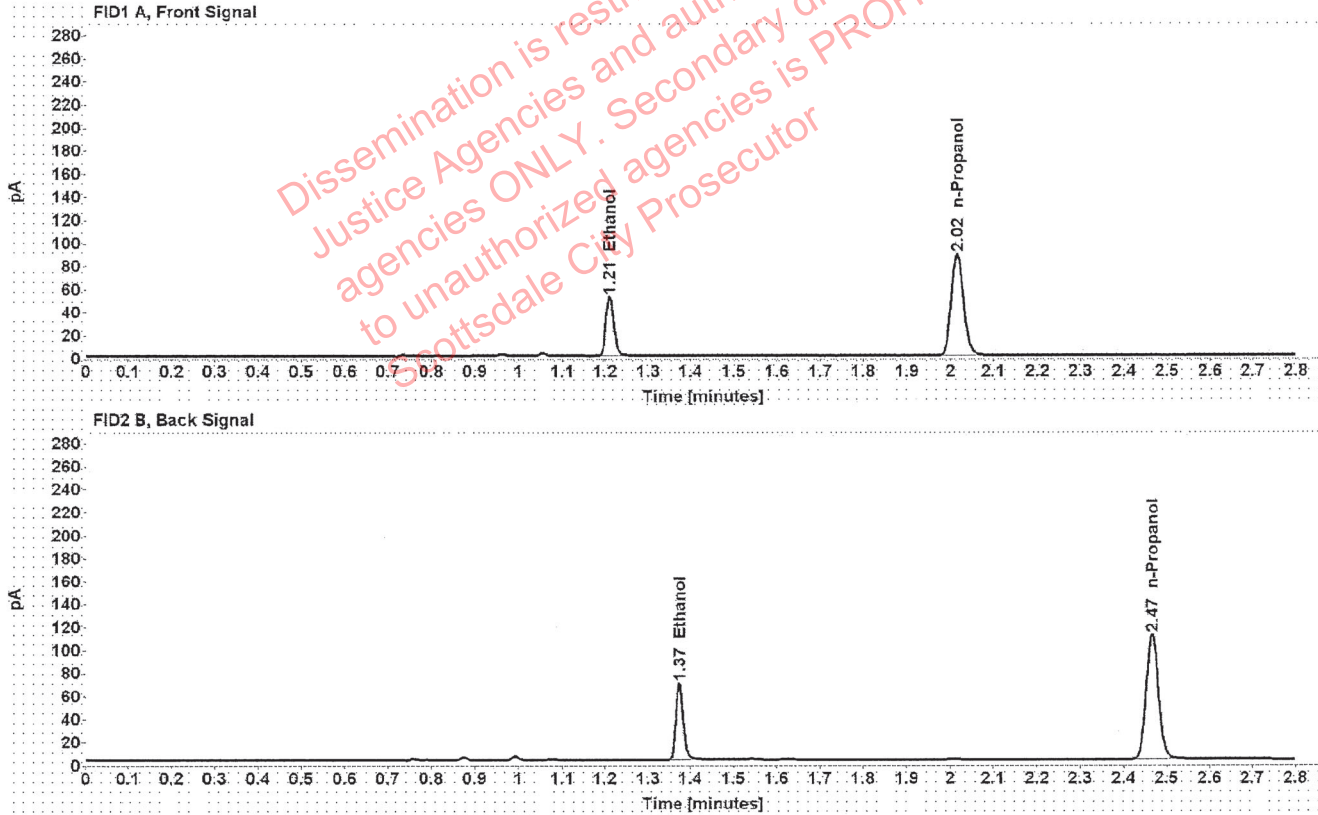


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1036	1.210	65.405
n-Propanol	-----	2.016	175.609

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.390
n-Propanol	2.466	218.392

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394015	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:43:38 AM
Data file:	C:\Chem32\1\Data\27Oct21\12.D	Analyst:	Canonico

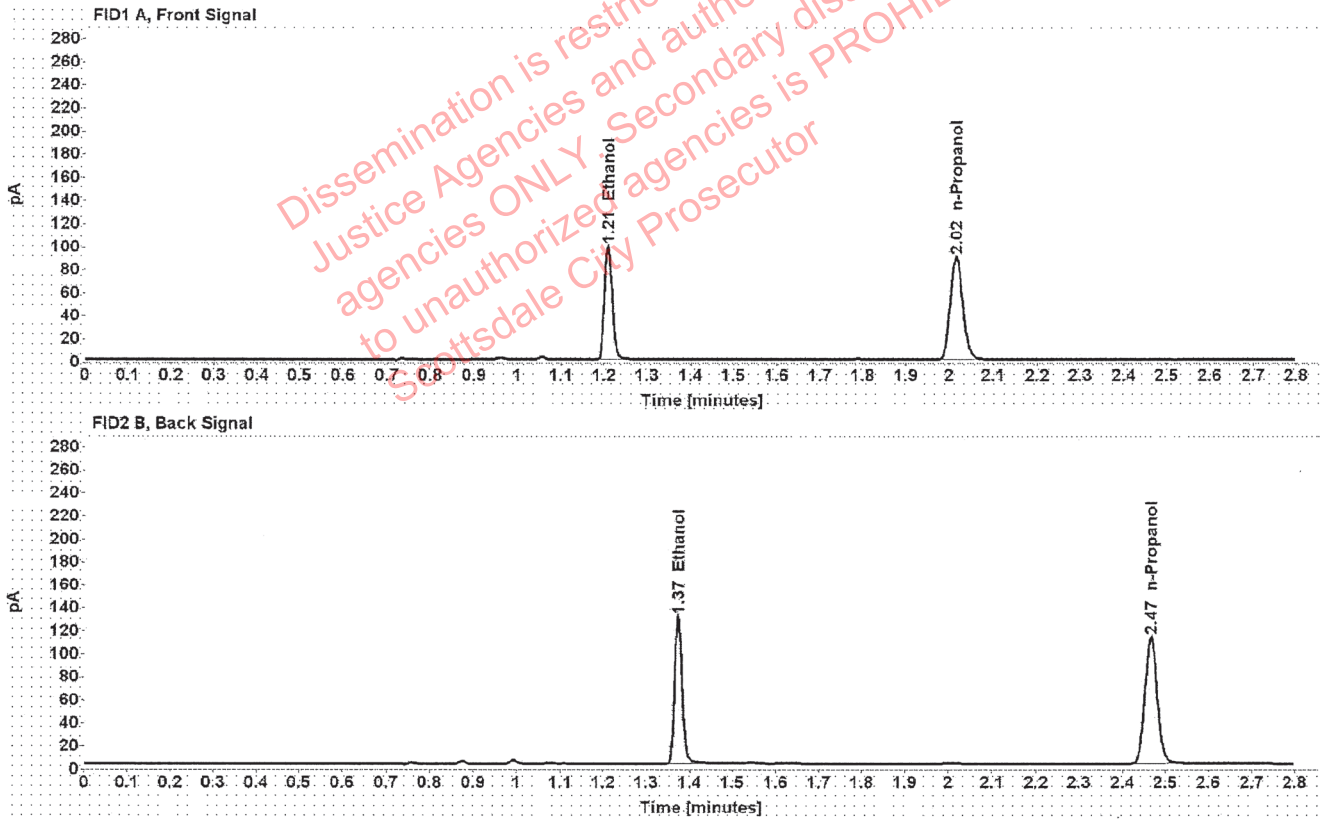


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1947	1.210	125.382
n-Propanol	-----	2.016	177.912

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.687
n-Propanol	2.466	221.528

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394015	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:47:53 AM
Data file:	C:\Chem32\1\Data\27Oct21\13.D	Analyst:	Canonico

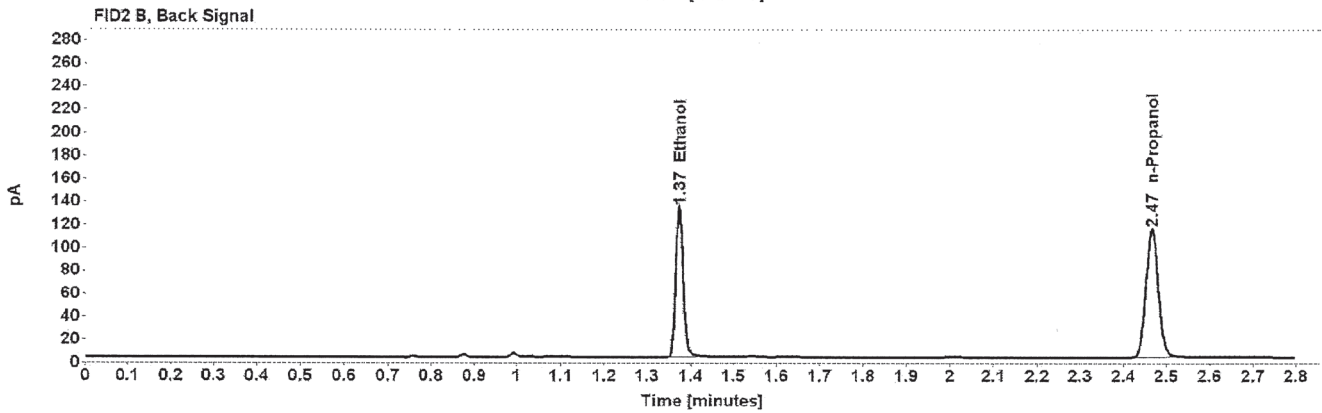
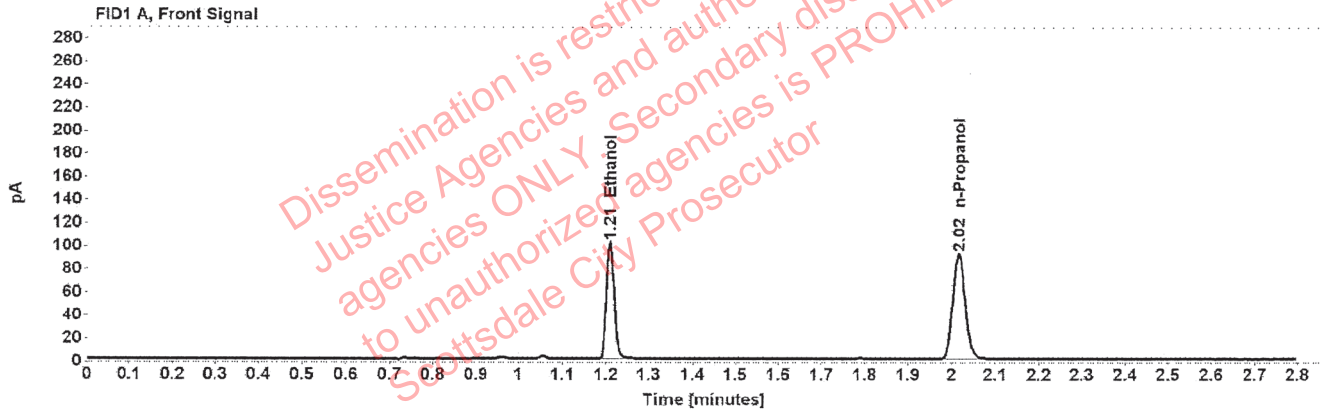


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1953	1.210	128.148
n-Propanol	-----	2.016	181.249

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

Compound	Time (min)	Peak Area
Ethanol	1.373	160.628
n-Propanol	2.466	225.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1392563	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:51:53 AM
Data file:	C:\Chem32\1\Data\27Oct21\14.D	Analyst:	Canonico

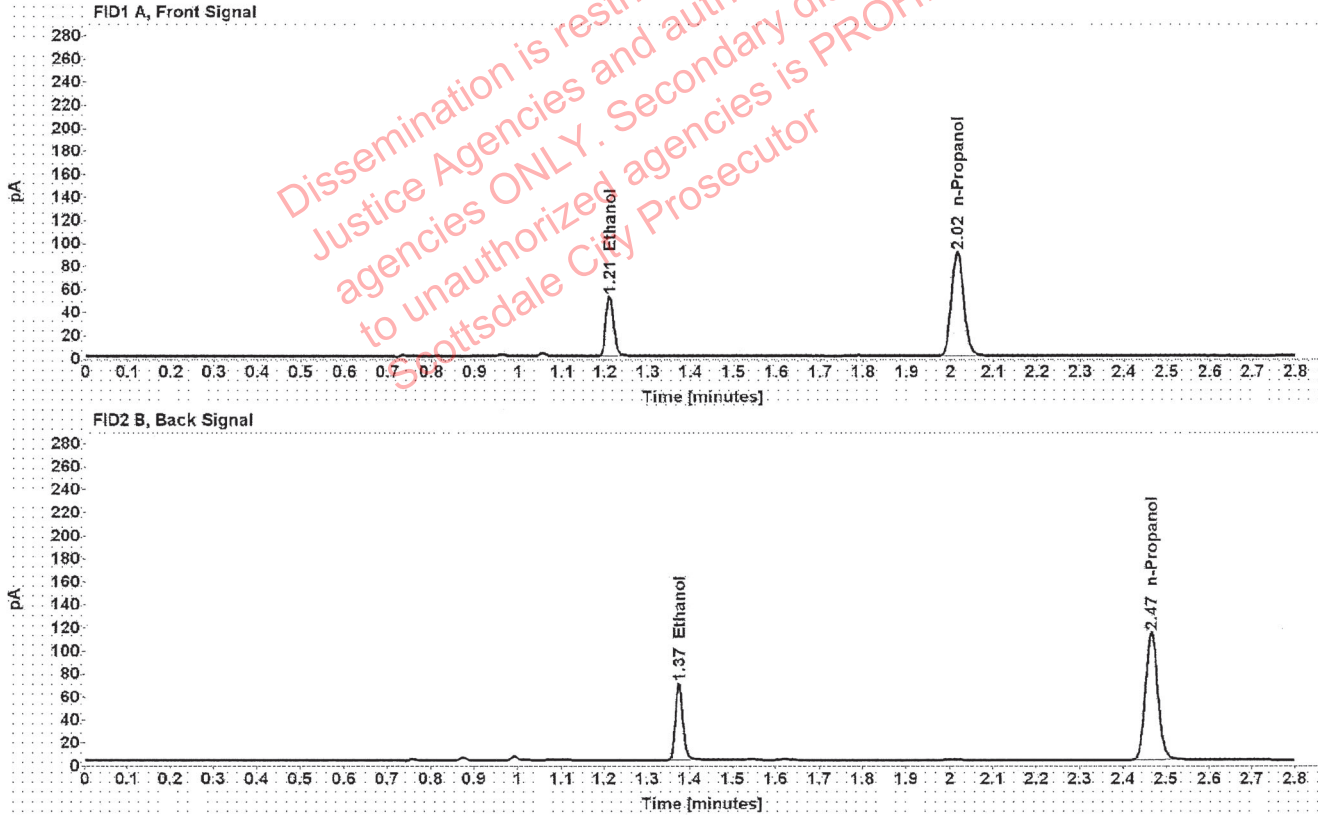


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1026	1.211	66.063
n-Propanol	-----	2.016	179.199

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

Compound	Time (min)	Peak Area
Ethanol	1.374	82.443
n-Propanol	2.466	223.706

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1392563	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:55:53 AM
Data file:	C:\Chem32\1\Data\27Oct21\15.D	Analyst:	Canonico

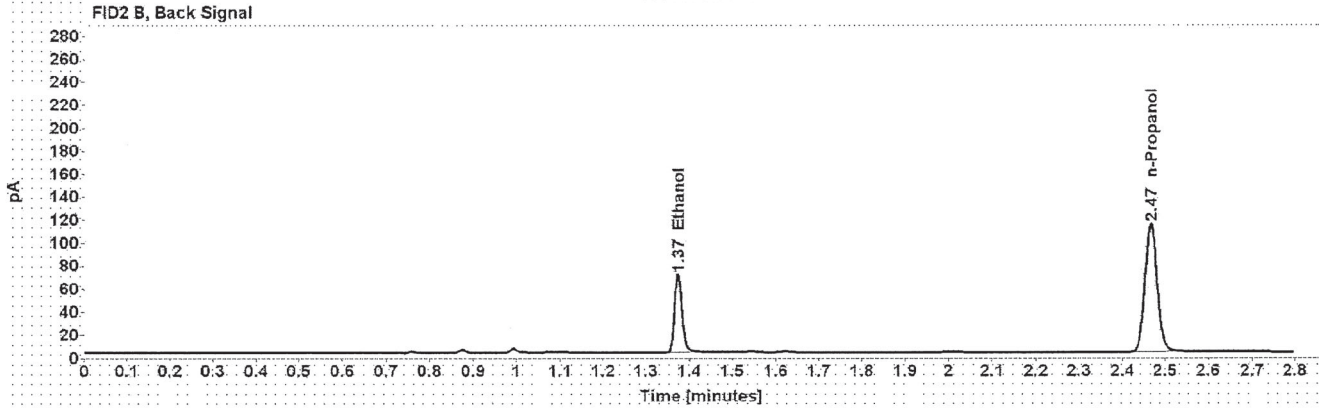
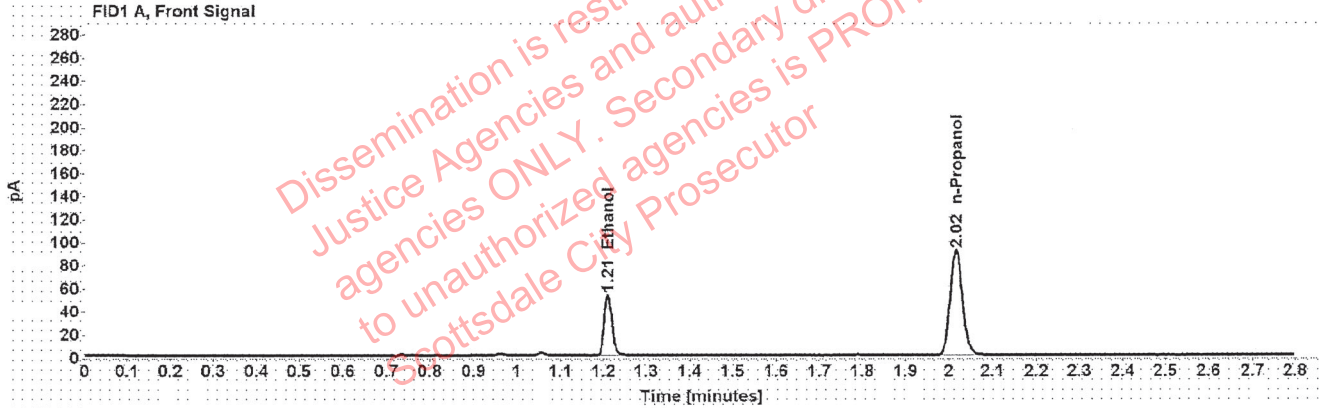


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1029	1.211	66.722
n-Propanol	-----	2.016	180.500

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

Compound	Time (min)	Peak Area
Ethanol	1.374	83.238
n-Propanol	2.466	225.208

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393768	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 11:59:53 AM
Data file:	C:\Chem32\1\Data\27Oct21\16.D	Analyst:	Canonico

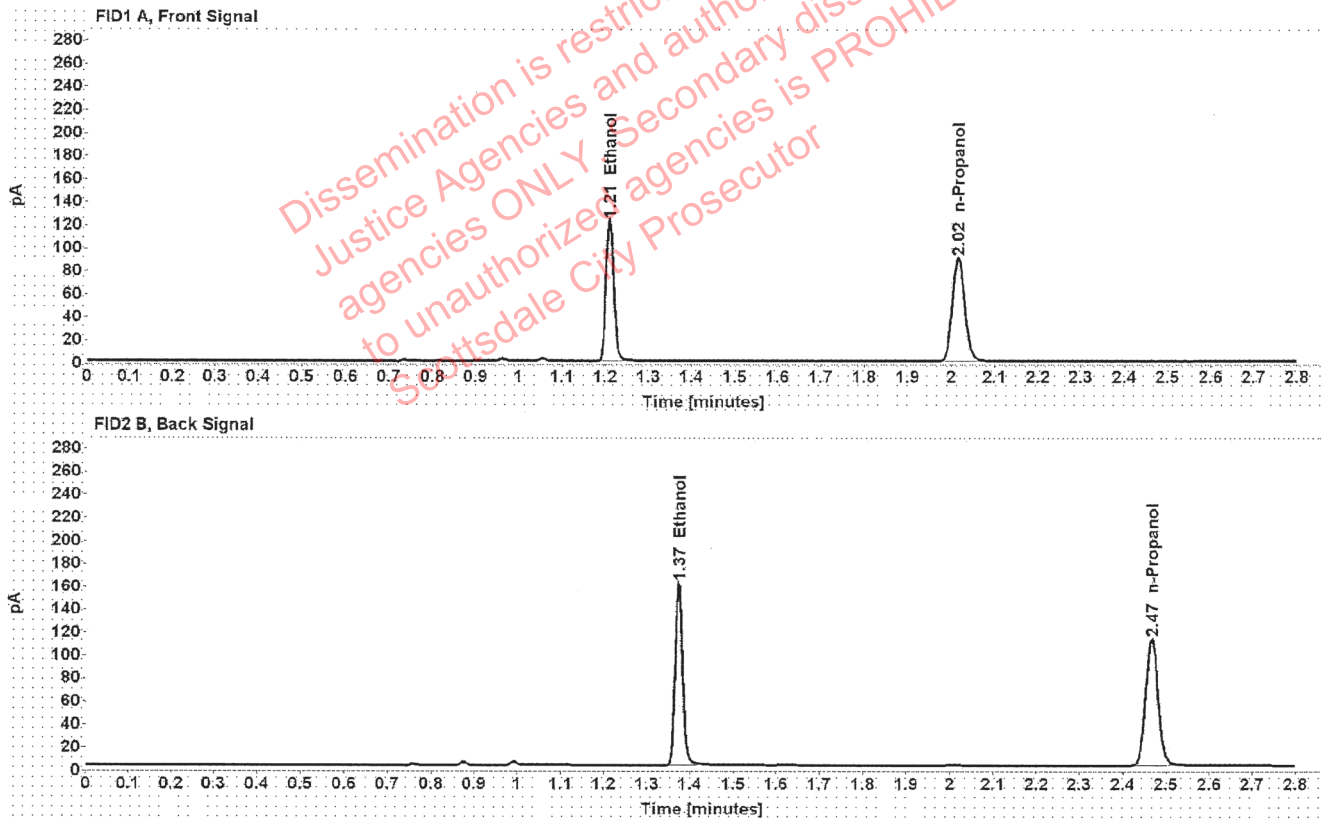


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2394	1.210	155.068
n-Propanol	-----	2.016	178.653

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

Compound	Time (min)	Peak Area
Ethanol	1.374	194.761
n-Propanol	2.466	222.562

Case: [REDACTED]: Canonico, Erika - (28-Oct-2021)

User: ecanonico 10/28/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393768	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:03:54 PM
Data file:	C:\Chem32\1\Data\27Oct21\17.D	Analyst:	Canonico

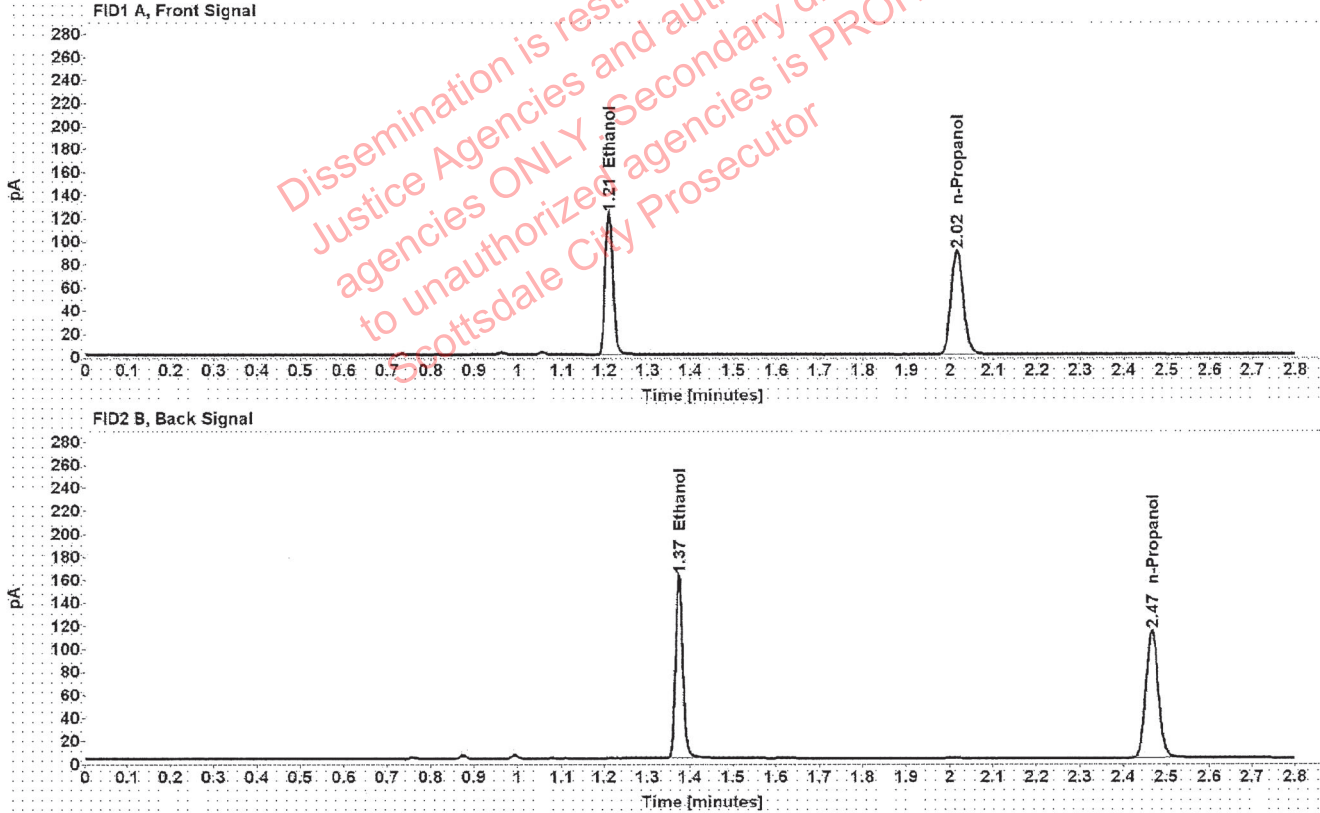


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2397	1.210	155.292
n-Propanol	-----	2.016	178.714

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

Compound	Time (min)	Peak Area
Ethanol	1.374	195.243
n-Propanol	2.466	222.871

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381902	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:07:53 PM
Data file:	C:\Chem32\1\Data\27Oct21\18.D	Analyst:	Canonico

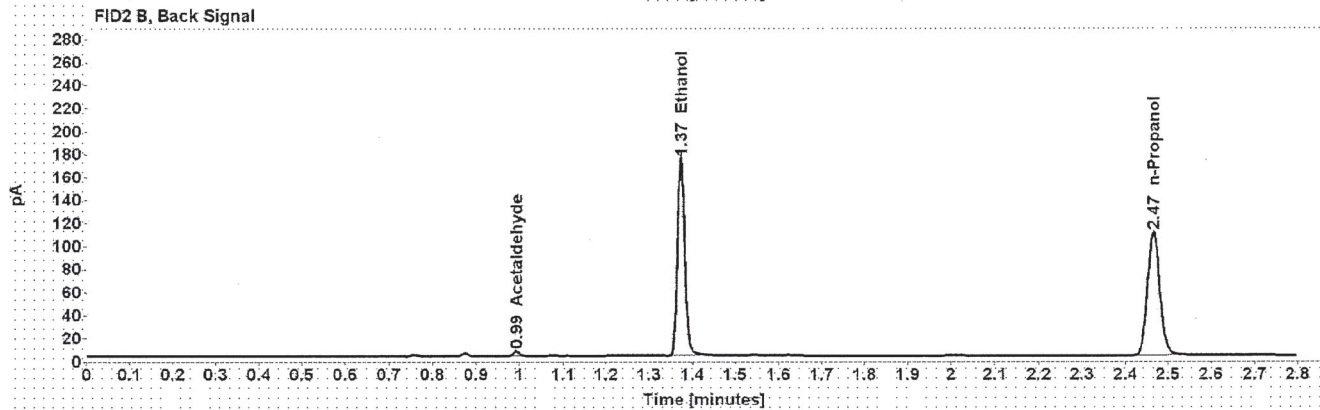
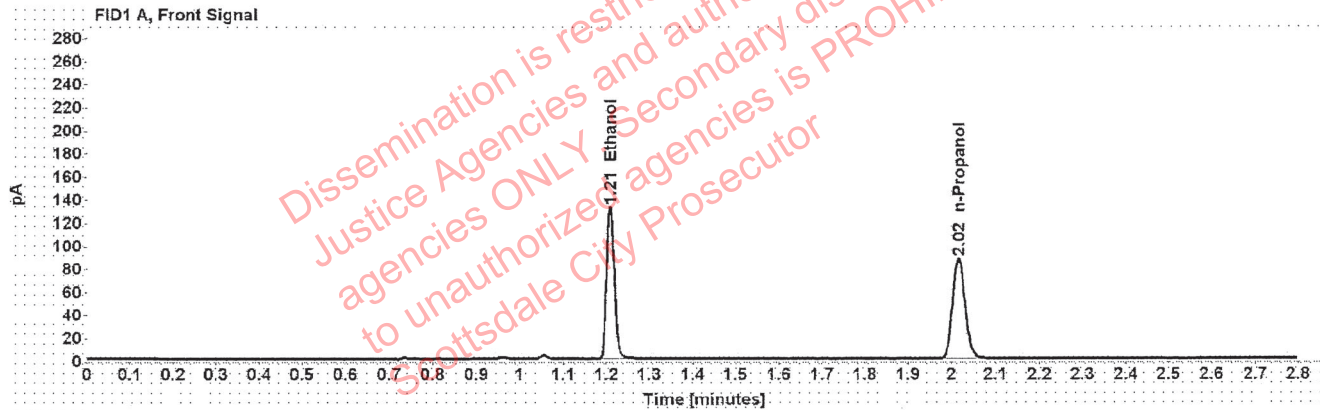


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2671	1.209	167.566
n-Propanol	-----	2.016	172.902

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.046
Ethanol	1.373	210.961
n-Propanol	2.466	215.993

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381902	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:12:10 PM
Data file:	C:\Chem32\1\Data\27Oct21\19.D	Analyst:	Canonico

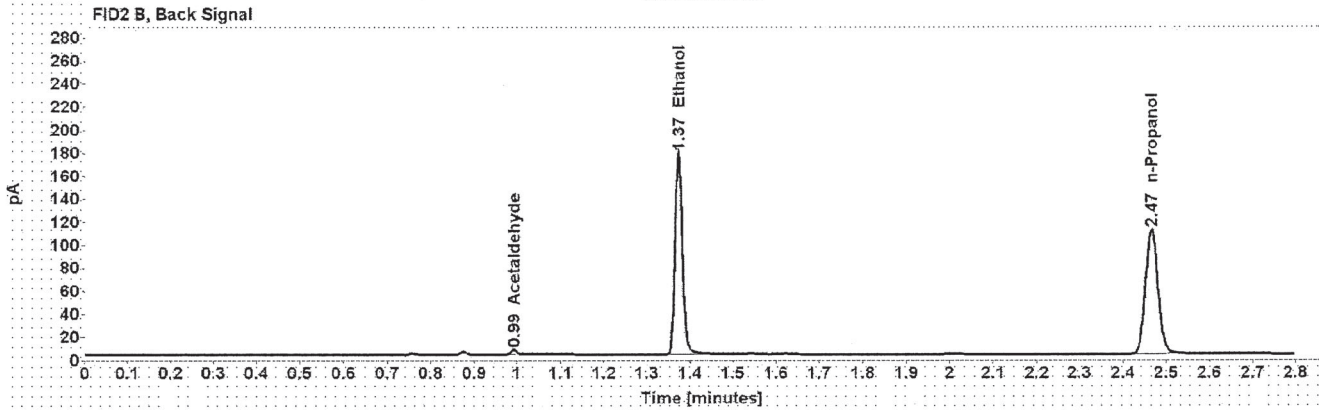
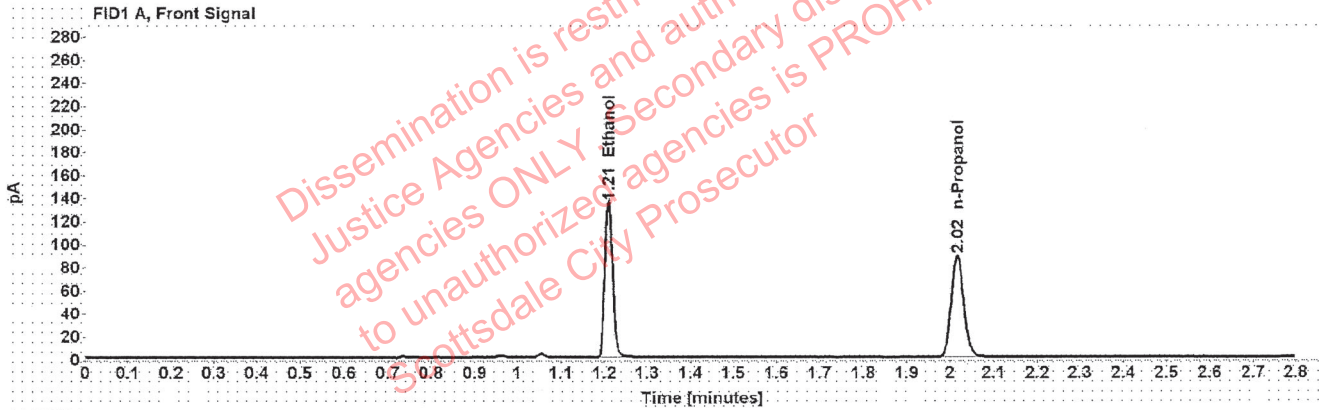


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2689	1.210	171.045
n-Propanol	-----	2.016	175.294

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.113
Ethanol	1.373	216.526
n-Propanol	2.466	218.905

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393609	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:20:08 PM
Data file:	C:\Chem32\1\Data\27Oct21\21.D	Analyst:	Canonico

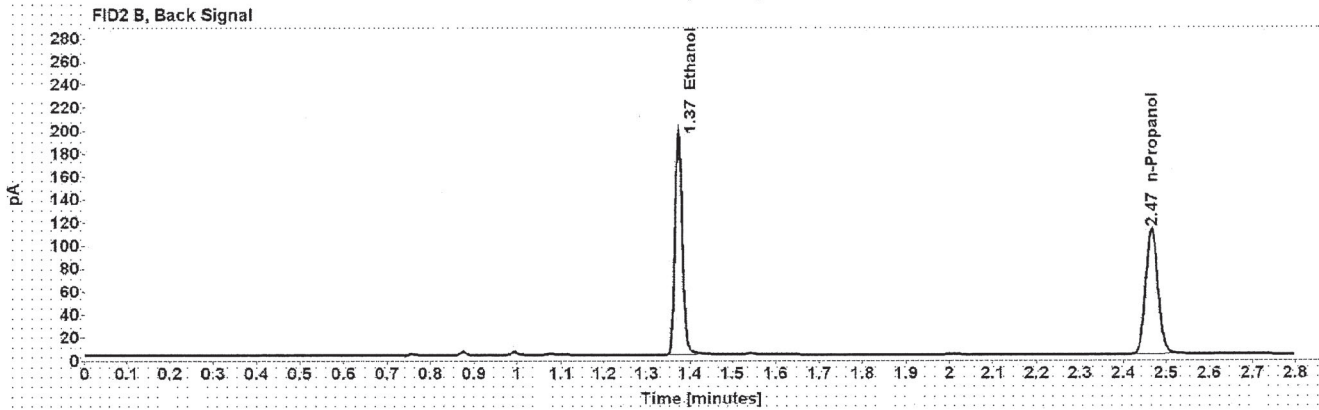
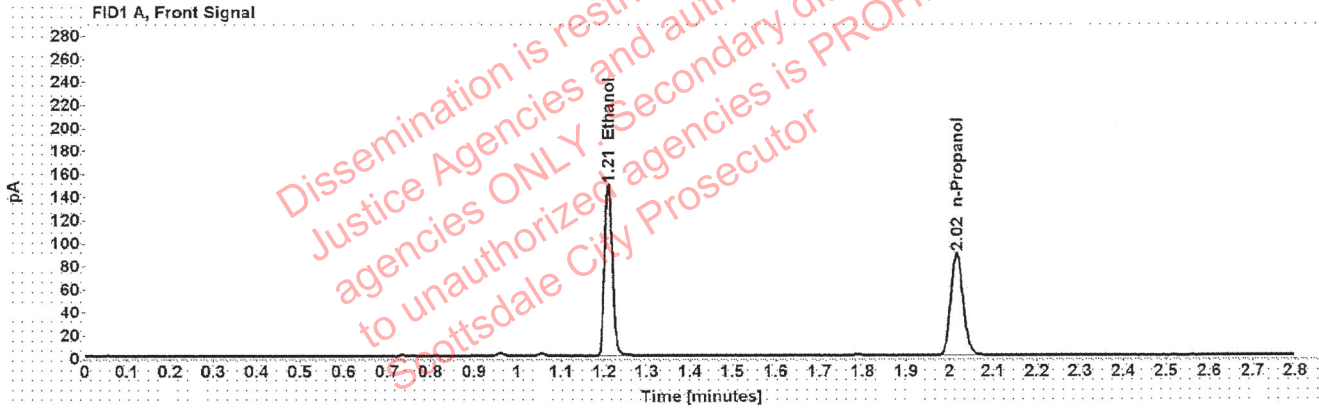


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2952	1.209	188.330
n-Propanol	-----	2.016	175.756

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

Compound	Time (min)	Peak Area
Ethanol	1.373	237.217
n-Propanol	2.466	218.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393609	Vial:	22
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:24:08 PM
Data file:	C:\Chem32\1\Data\27Oct21\22.D	Analyst:	Canonico

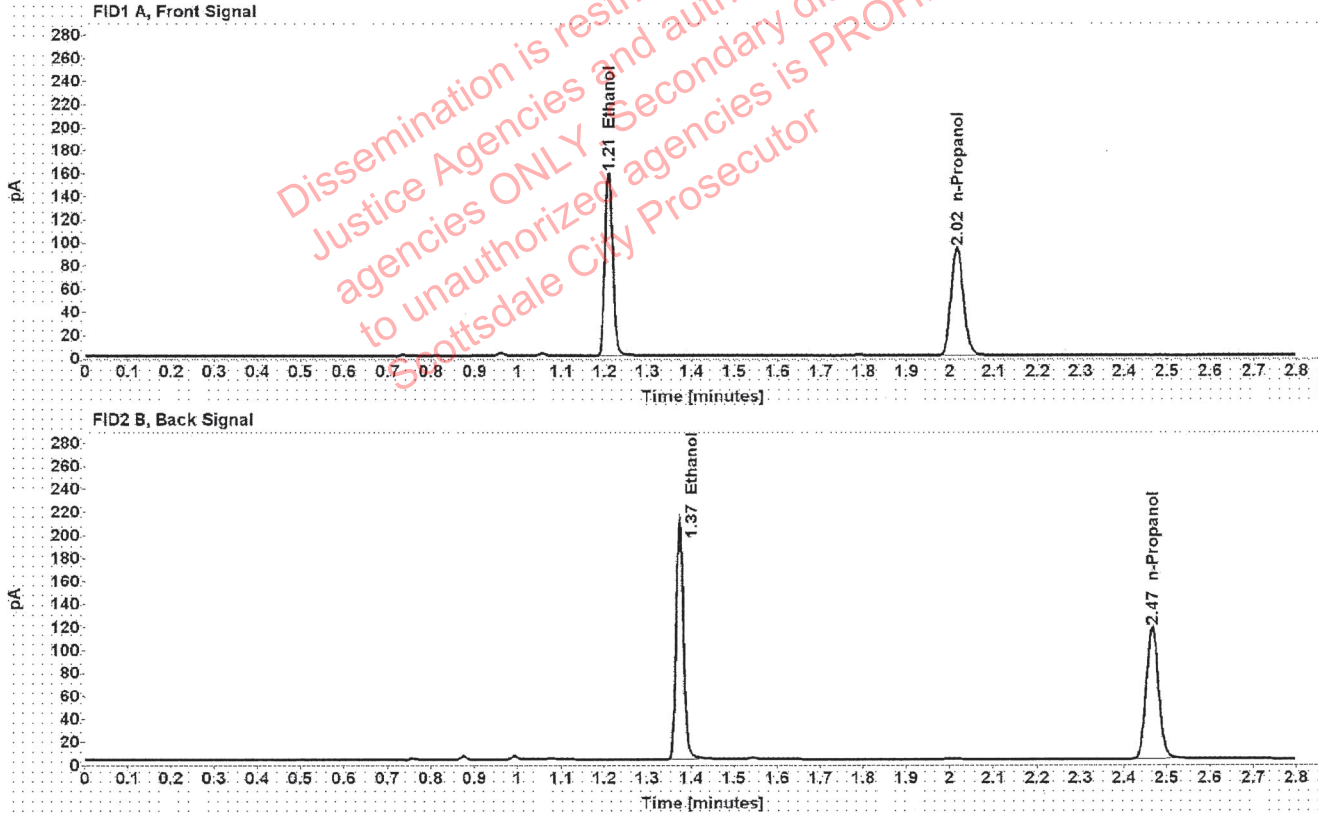


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2982	1.209	200.185
n-Propanol	-----	2.016	184.952

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

Compound	Time (min)	Peak Area
Ethanol	1.373	252.291
n-Propanol	2.466	230.551

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364354	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:28:10 PM
Data file:	C:\Chem32\1\Data\27Oct21\23.D	Analyst:	Canonico

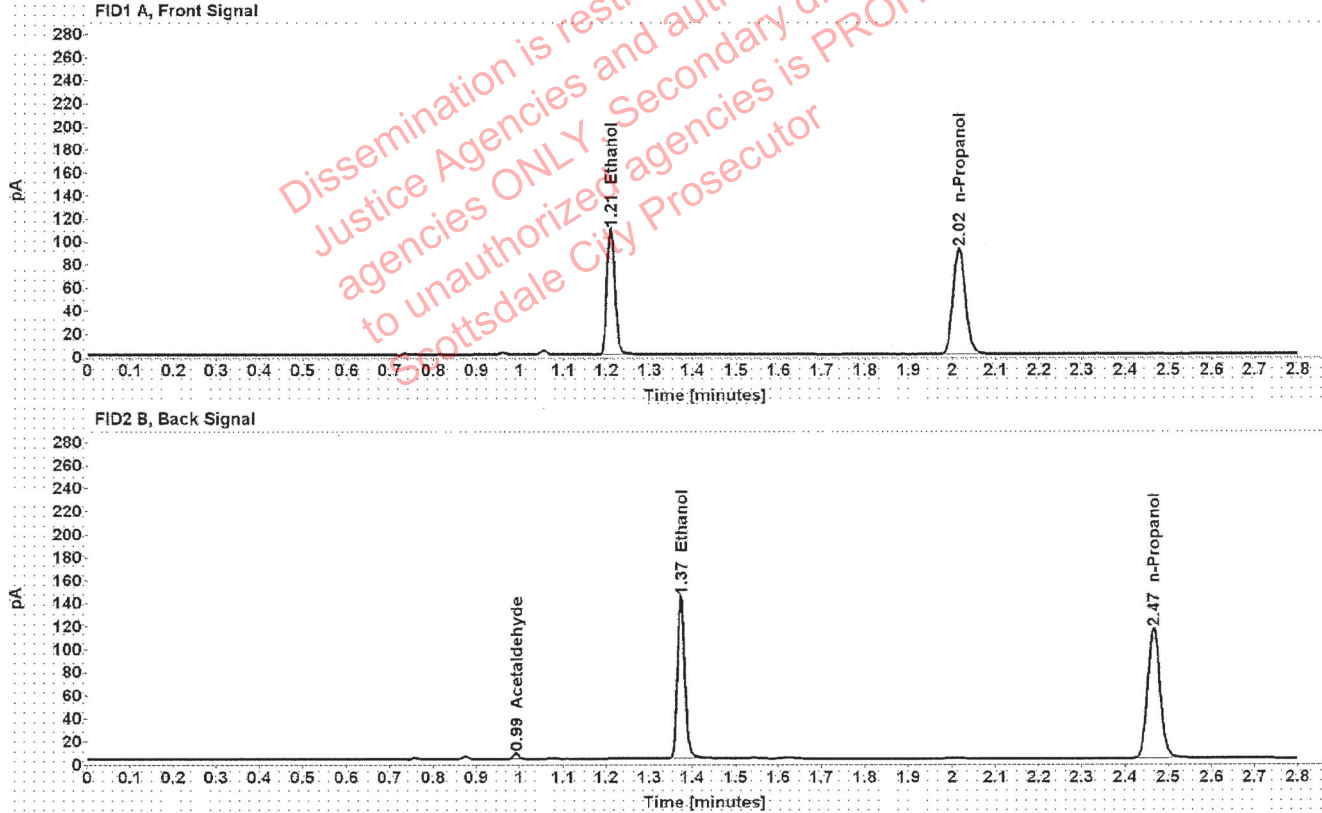


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2094	1.210	137.512
n-Propanol	-----	2.016	181.292

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.716
Ethanol	1.373	174.412
n-Propanol	2.466	227.322

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364354	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:32:08 PM
Data file:	C:\Chem32\1\Data\27Oct21\24.D	Analyst:	Canonico

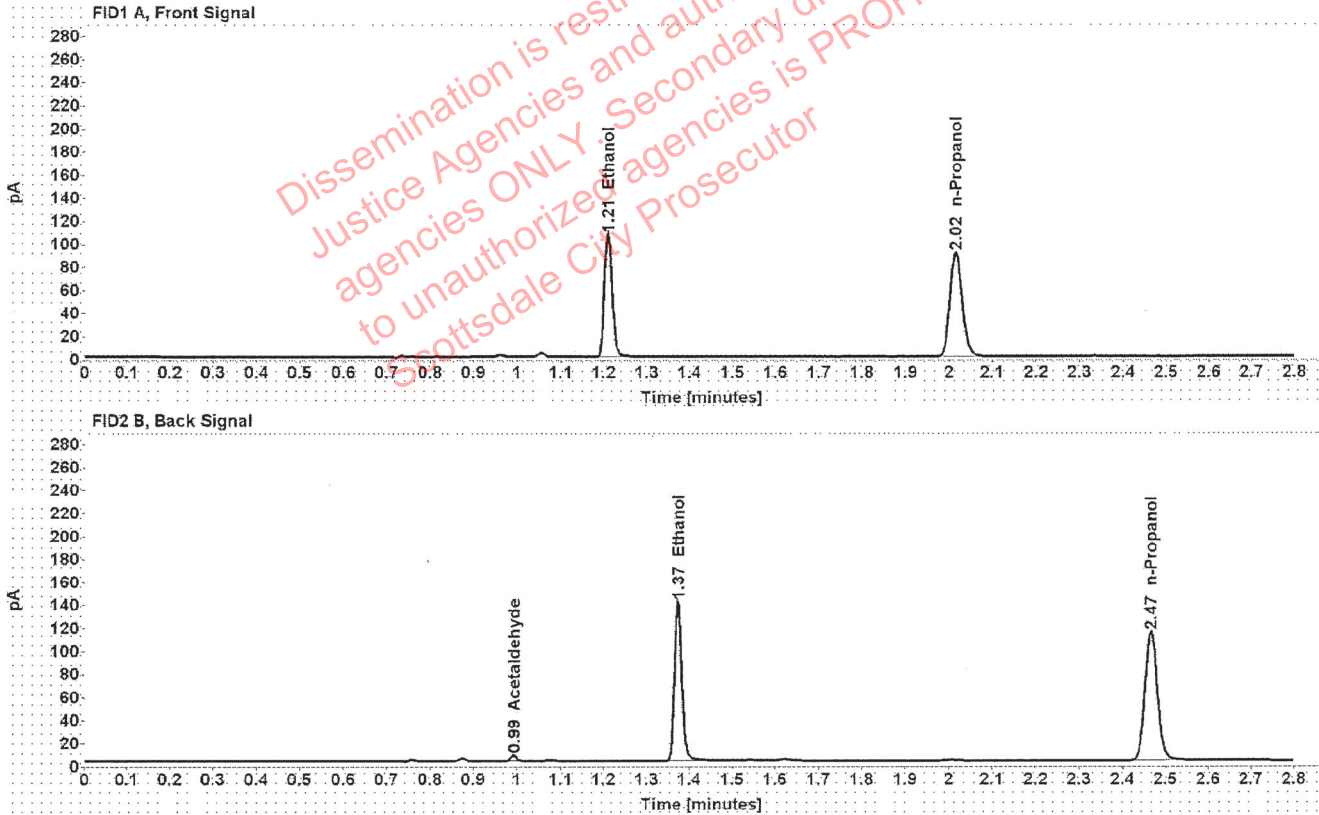


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2076	1.210	135.012
n-Propanol	-----	2.016	179.600

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.690
Ethanol	1.374	171.190
n-Propanol	2.466	224.979

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394280	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:36:24 PM
Data file:	C:\Chem32\1\Data\27Oct21\25.D	Analyst:	Canonico

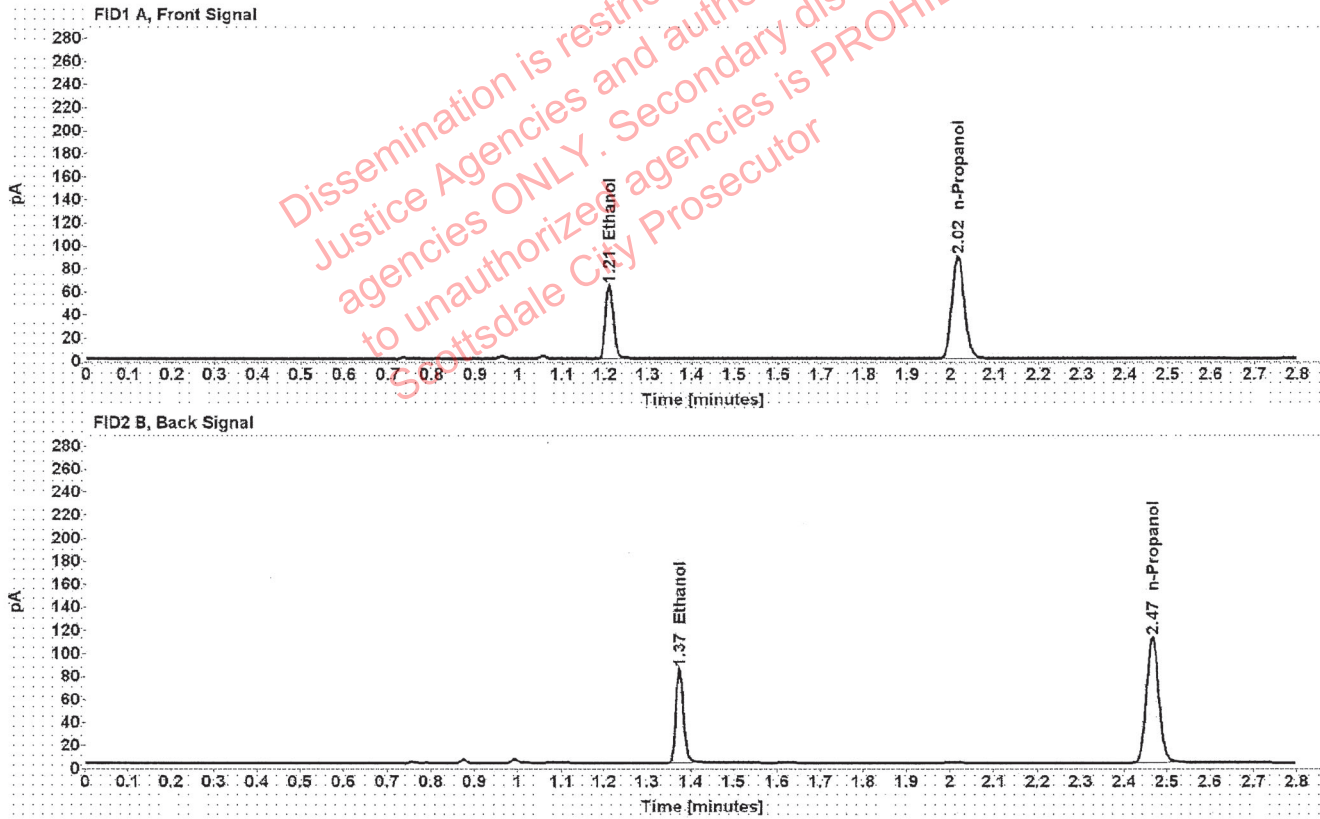


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1274	1.210	81.146
n-Propanol	-----	2.016	176.678

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

Compound	Time (min)	Peak Area
Ethanol	1.374	101.458
n-Propanol	2.466	221.262

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394280	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:40:23 PM
Data file:	C:\Chem32\1\Data\27Oct21\26.D	Analyst:	Canonico

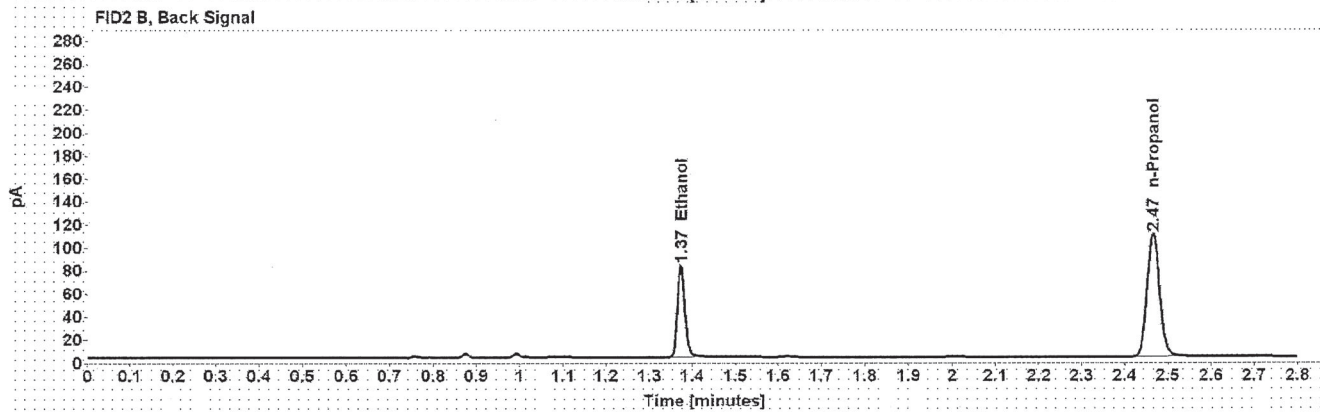
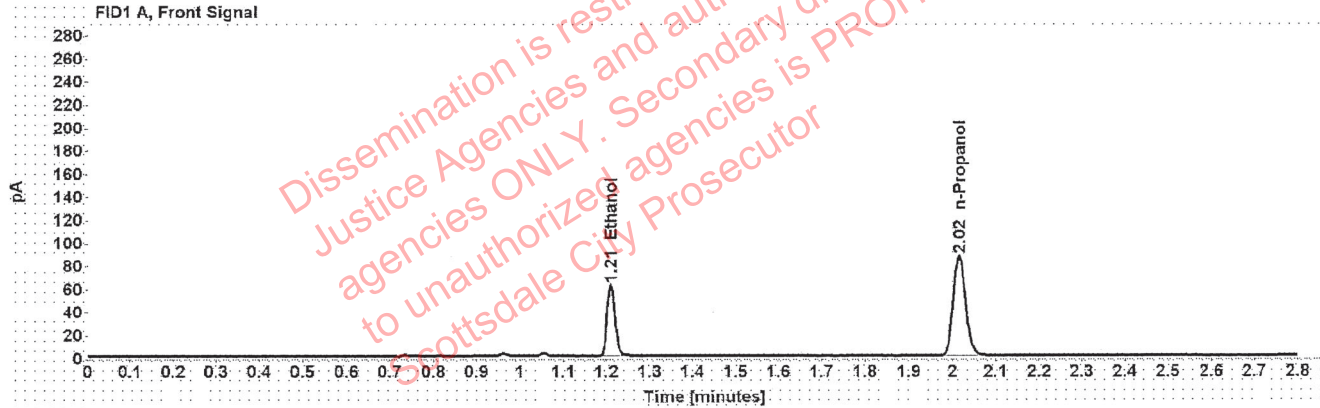


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1266	1.210	78.508
n-Propanol	-----	2.016	172.060

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

Compound	Time (min)	Peak Area
Ethanol	1.373	98.411
n-Propanol	2.466	215.624

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1254410	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:44:23 PM
Data file:	C:\Chem32\1\Data\27Oct21\27.D	Analyst:	Canonico

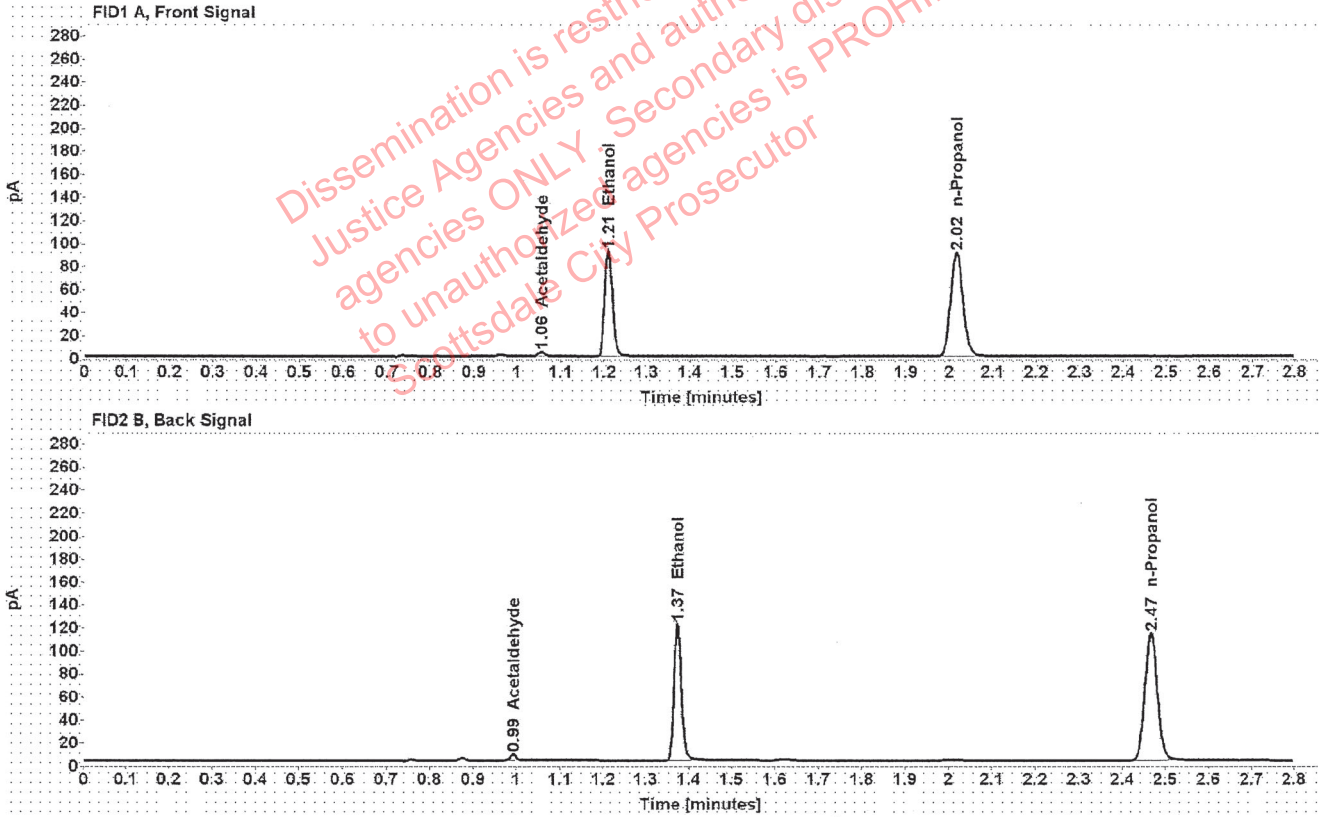


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.892
>Ethanol	0.1798	1.210	116.507
n-Propanol	-----	2.016	179.161

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.143
Ethanol	1.374	146.536
n-Propanol	2.466	224.731

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1254410	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:48:24 PM
Data file:	C:\Chem32\1\Data\27Oct21\28.D	Analyst:	Canonico

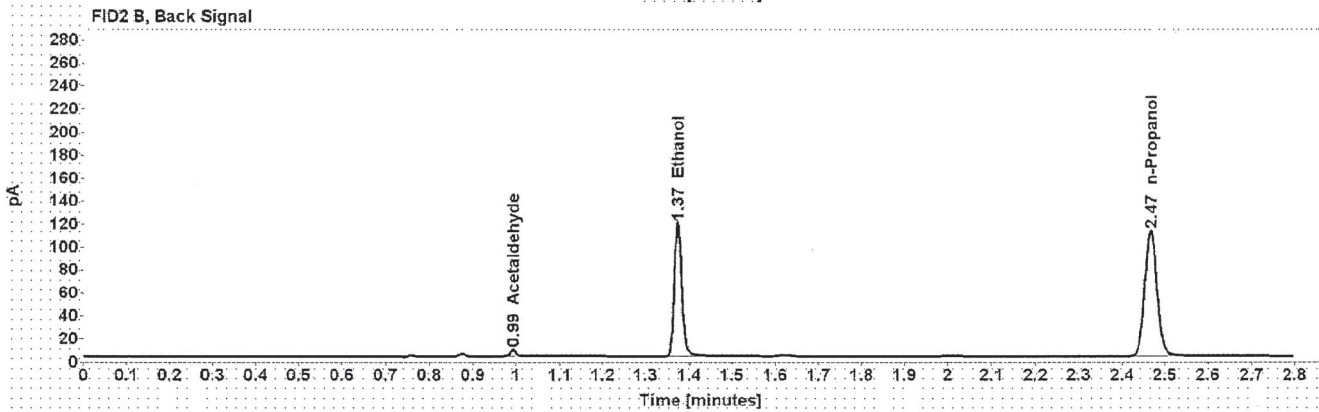
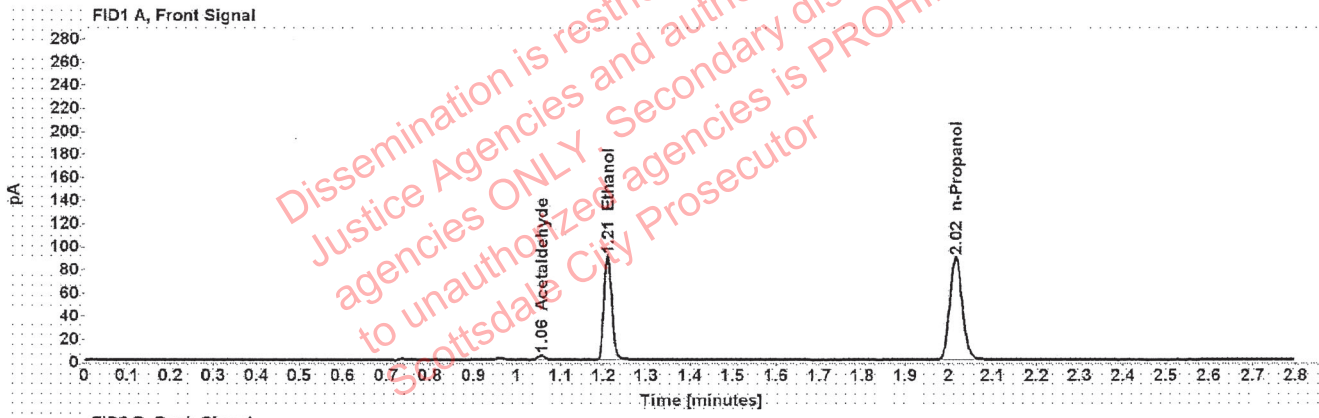


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.993
>Ethanol	0.1788	1.210	113.755
n-Propanol	-----	2.016	175.907

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.262
Ethanol	1.374	144.812
n-Propanol	2.466	220.757

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393893	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:52:23 PM
Data file:	C:\Chem32\1\Data\27Oct21\29.D	Analyst:	Canonico

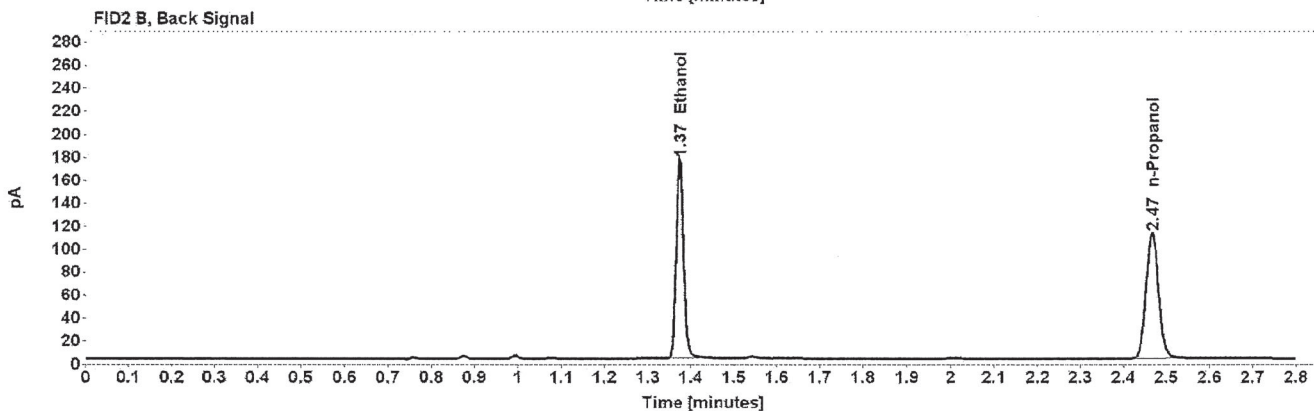
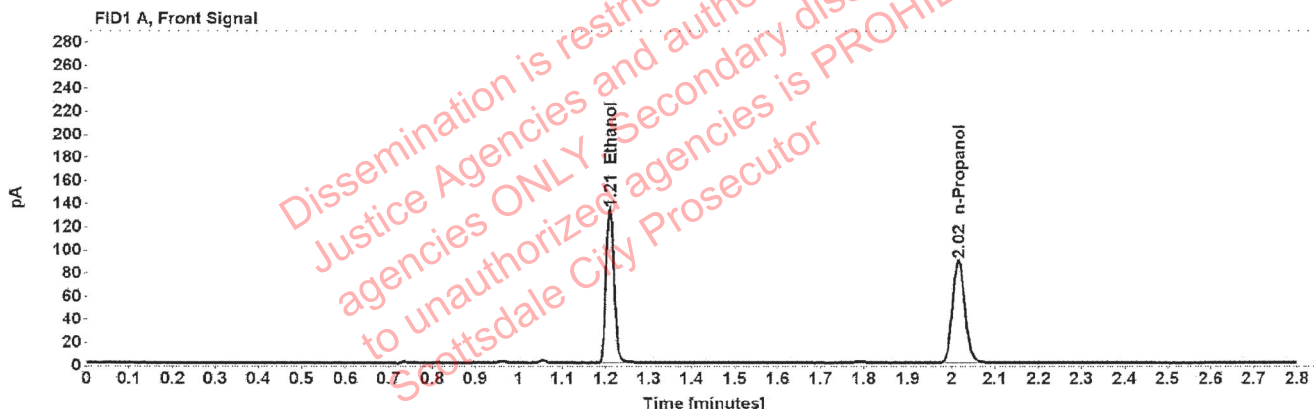


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2647	1.210	169.284
n-Propanol	-----	2.016	176.270

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

Compound	Time (min)	Peak Area
Ethanol	1.373	213.434
n-Propanol	2.466	220.623

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393893	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 12:56:23 PM
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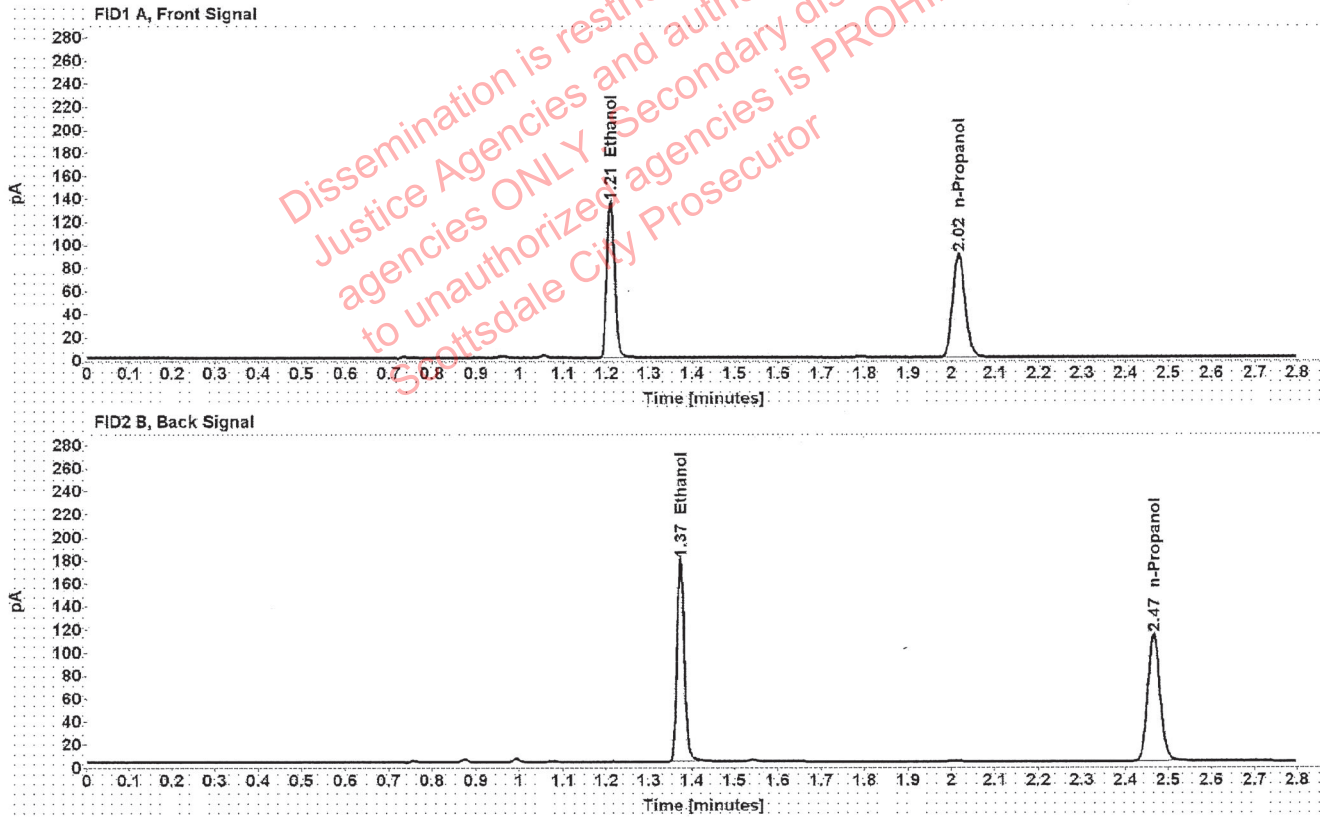


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2654	1.210	171.343
n-Propanol	-----	2.016	177.983

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

Compound	Time (min)	Peak Area
Ethanol	1.373	215.825
n-Propanol	2.466	222.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393825	Vial:	32
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:04:38 PM
Data file:	C:\Chem32\1\Data\27Oct21\32.D	Analyst:	Canonico

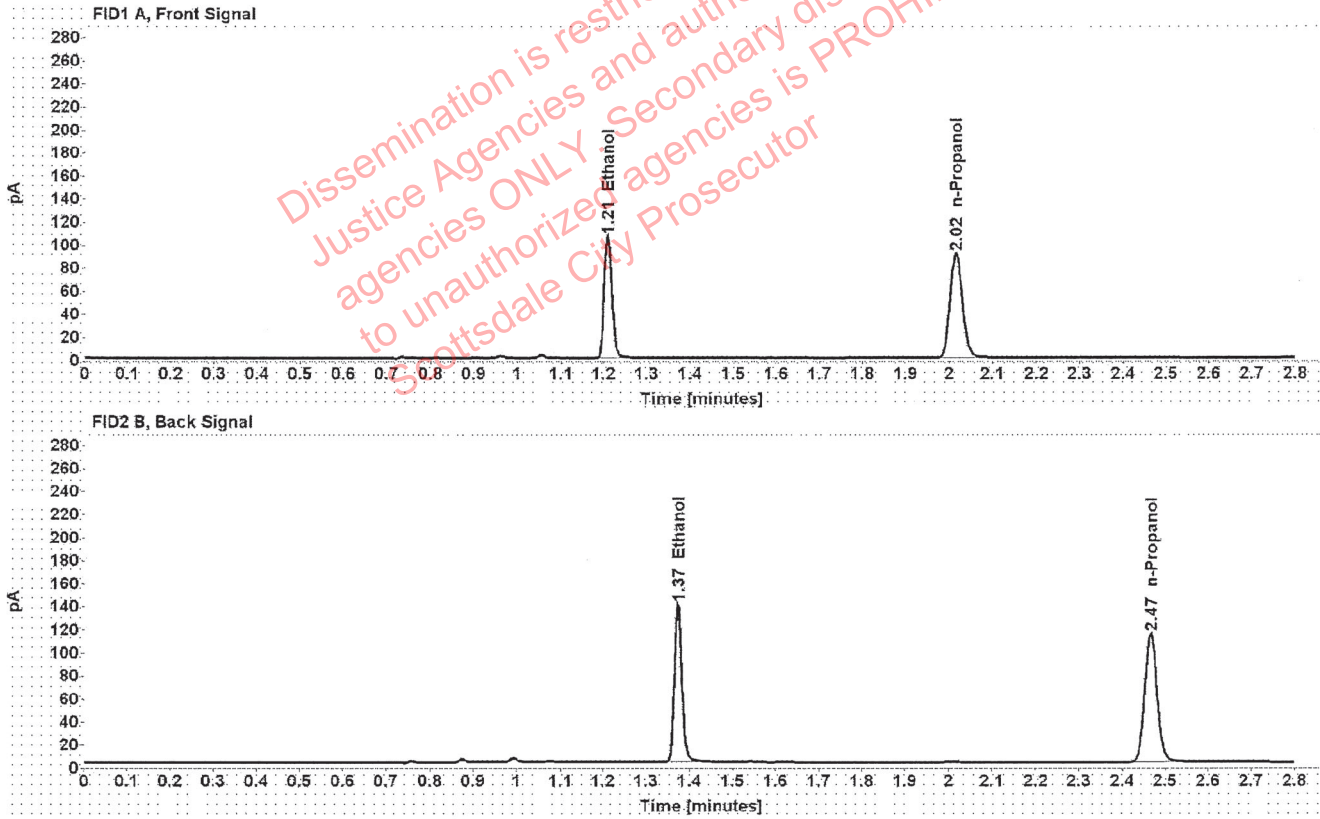


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2050	1.210	134.169
n-Propanol	-----	2.016	180.703

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

Compound	Time (min)	Peak Area
Ethanol	1.374	169.339
n-Propanol	2.466	225.120

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393825	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:08:38 PM
Data file:	C:\Chem32\1\Data\27Oct21\33.D	Analyst:	Canonico

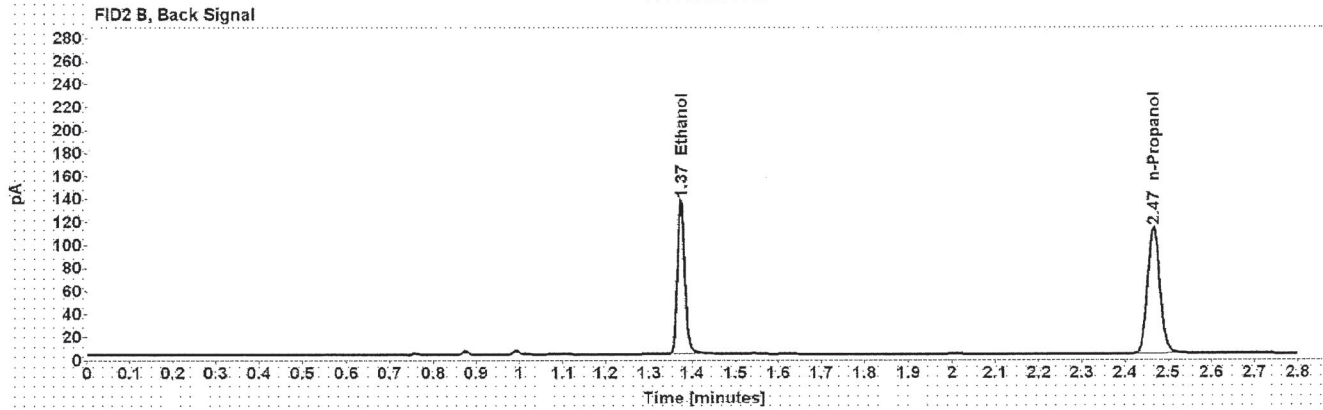
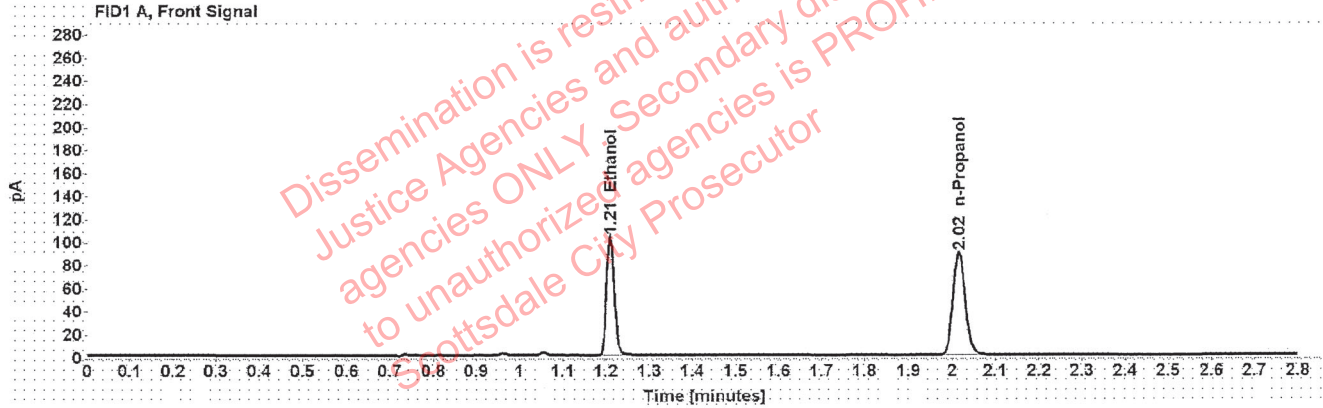


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2041	1.210	130.466
n-Propanol	-----	2.016	176.503

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.969
n-Propanol	2.466	220.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393886	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:12:39 PM
Data file:	C:\Chem32\1\Data\27Oct21\34.D	Analyst:	Canonico

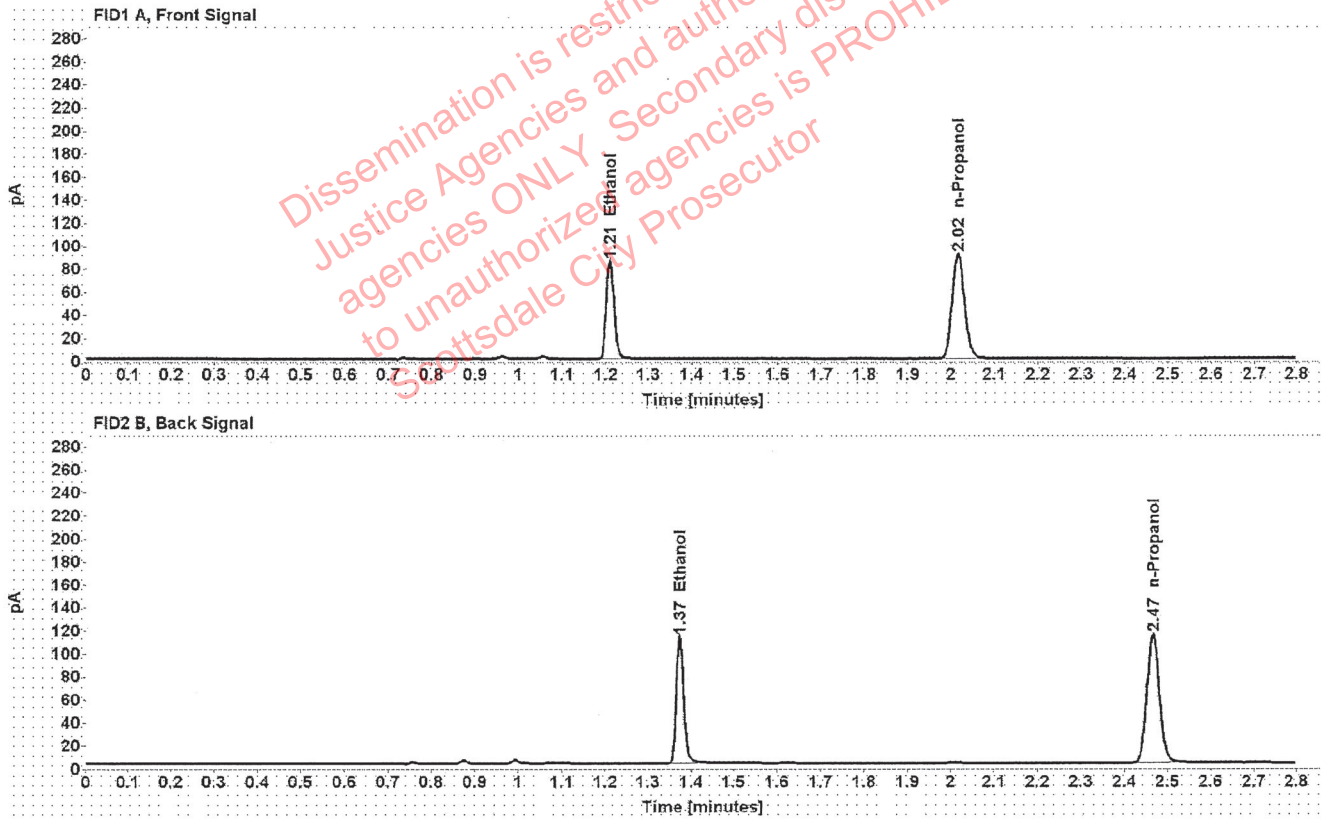


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1659	1.210	108.032
n-Propanol	-----	2.016	180.128

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.280
n-Propanol	2.466	225.653

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393886	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:16:38 PM
Data file:	C:\Chem32\1\Data\27Oct21\35.D	Analyst:	Canonico

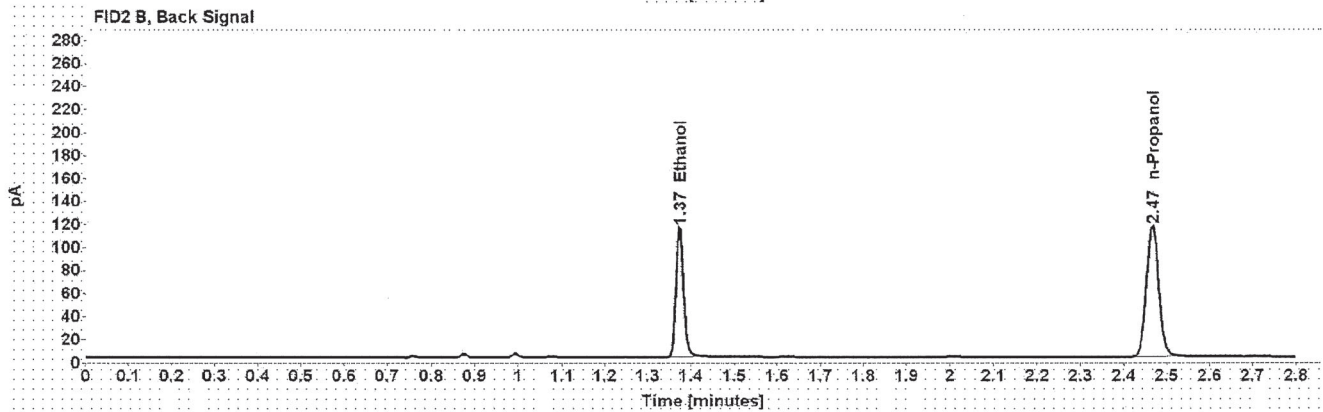
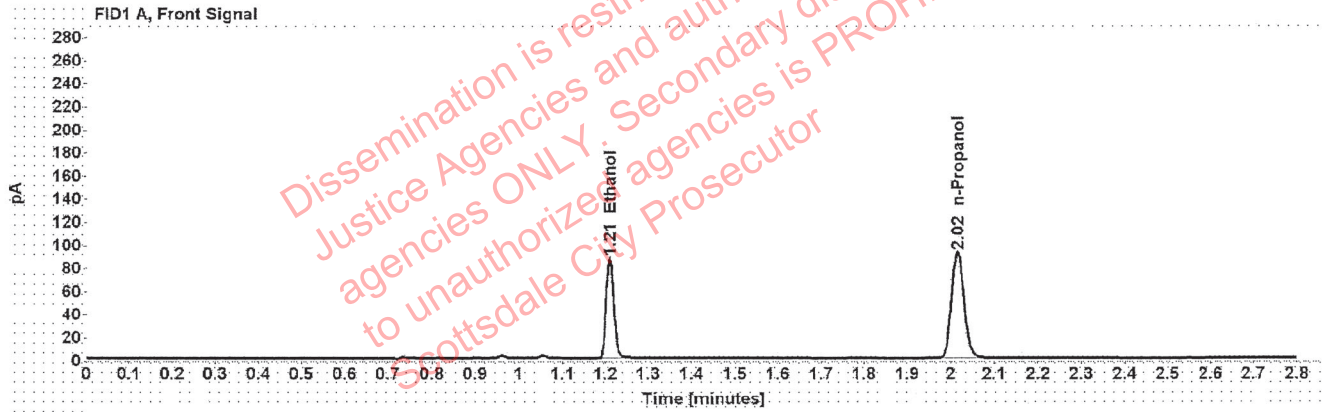


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1669	1.210	110.233
n-Propanol	-----	2.016	182.674

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

Compound	Time (min)	Peak Area
Ethanol	1.374	138.678
n-Propanol	2.466	228.996

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393941	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:20:38 PM
Data file:	C:\Chem321\Data\27Oct21\36.D	Analyst:	Canonico

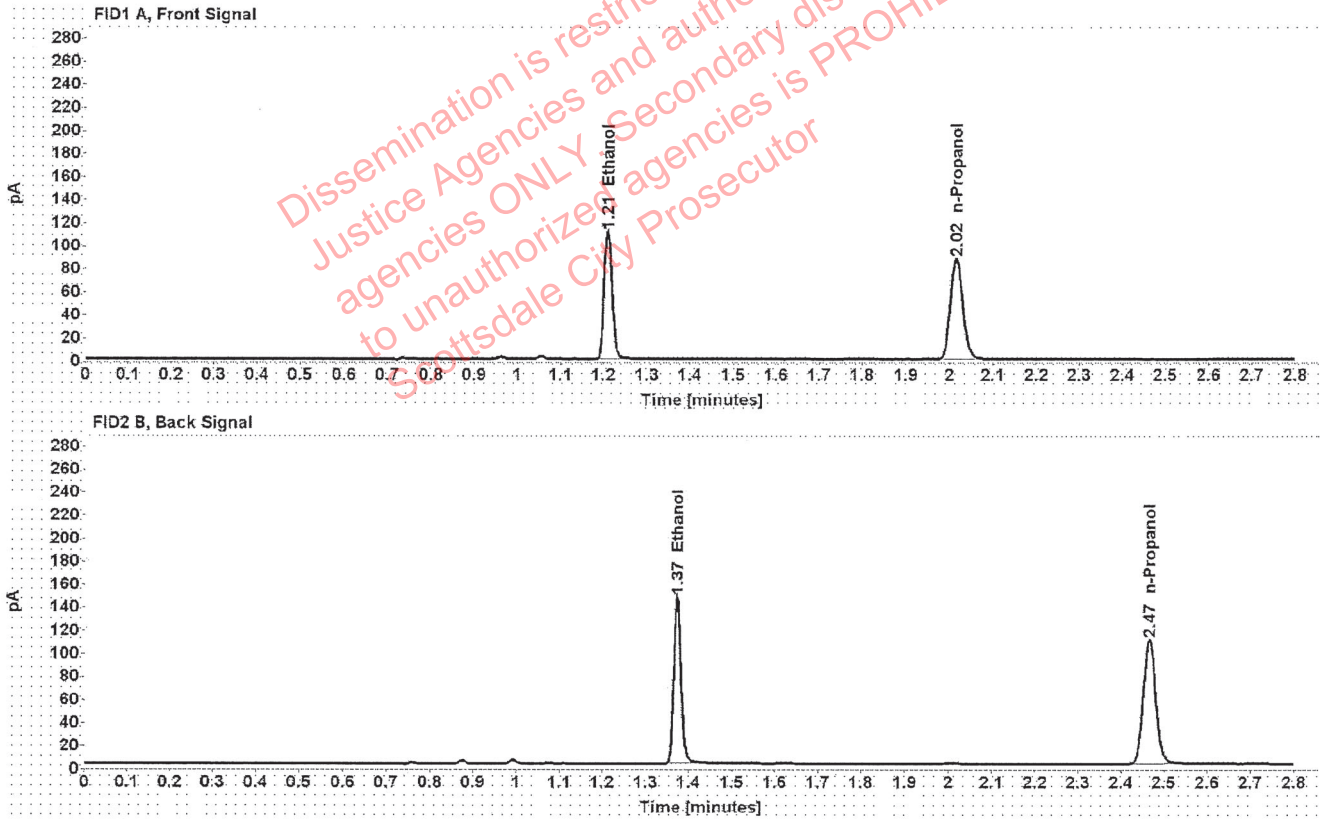


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2242	1.210	140.800
n-Propanol	-----	2.016	173.315

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

Compound	Time (min)	Peak Area
Ethanol	1.373	177.666
n-Propanol	2.466	216.972

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393941	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:24:53 PM
Data file:	C:\Chem32\1\Data\27Oct21\37.D	Analyst:	Canonico

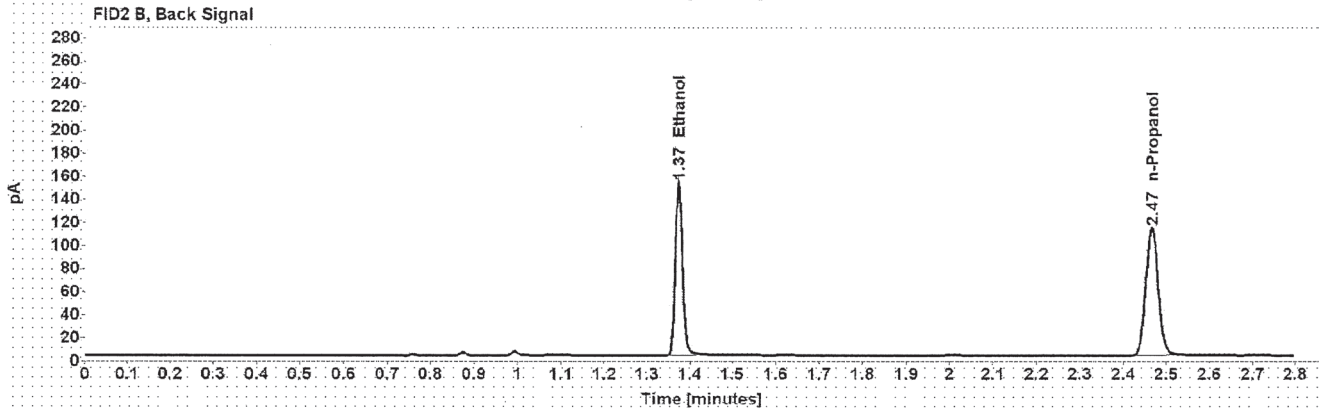
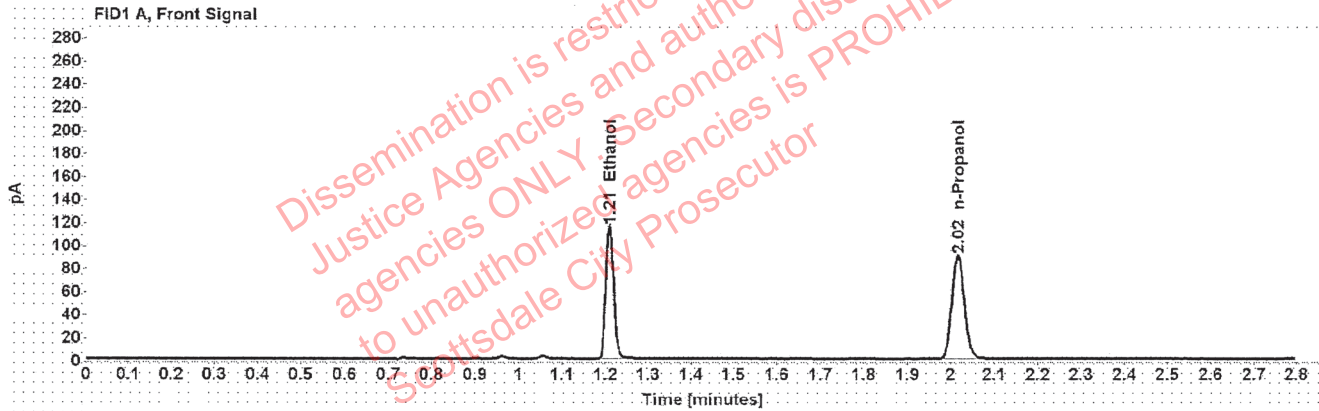


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2256	1.210	146.031
n-Propanol	-----	2.016	178.586

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

Compound	Time (min)	Peak Area
Ethanol	1.373	184.008
n-Propanol	2.466	223.405

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394153	Vial:	38
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:28:53 PM
Data file:	C:\Chem32\1\Data\27Oct21\38.D	Analyst:	Canonico

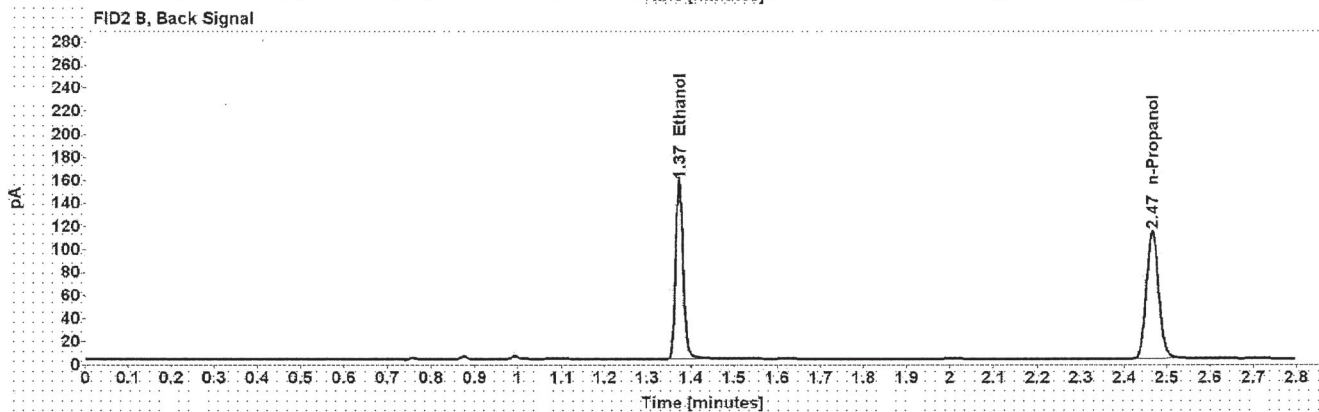
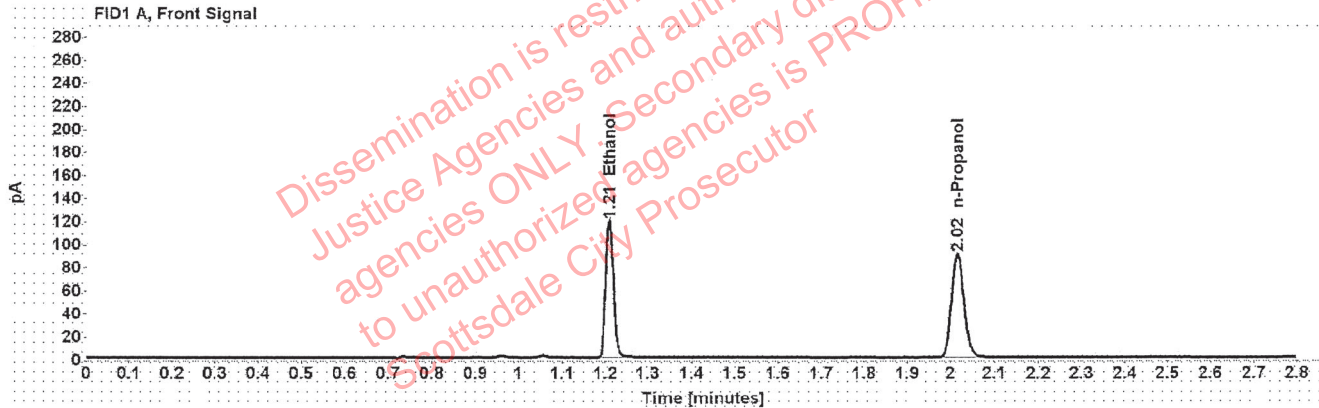


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2329	1.210	150.715
n-Propanol	-----	2.016	178.504

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

Compound	Time (min)	Peak Area
Ethanol	1.373	191.475
n-Propanol	2.466	223.923

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394153	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/27/2021 1:32:53 PM
Data file:	C:\Chem32\1\Data\27Oct21\39.D	Analyst:	Canonico

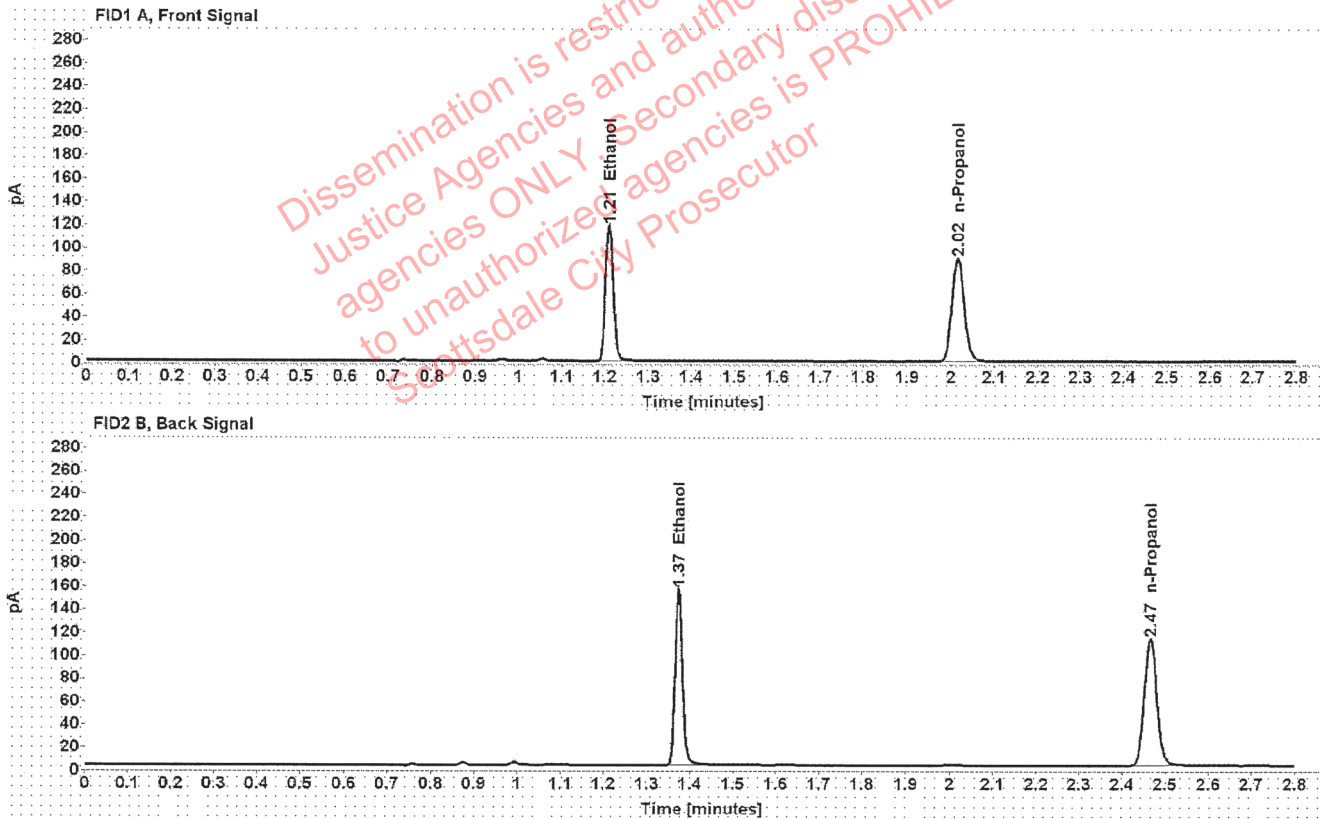


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2315	1.209	148.949
n-Propanol	-----	2.016	177.544

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

Compound	Time (min)	Peak Area
Ethanol	1.373	189.197
n-Propanol	2.466	222.652