

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 09/22/2020 SEQUENCE NAME 22Sep20

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 FN02271802 0.99993
 Vial 3 0.20 calibrator Lot FN06231704
 Vial 4 0.40 calibrator Lot FN05131606

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 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	0.401 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
45	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid [Signature]
 Analyst

Run valid
 Run invalid [Signature]
 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

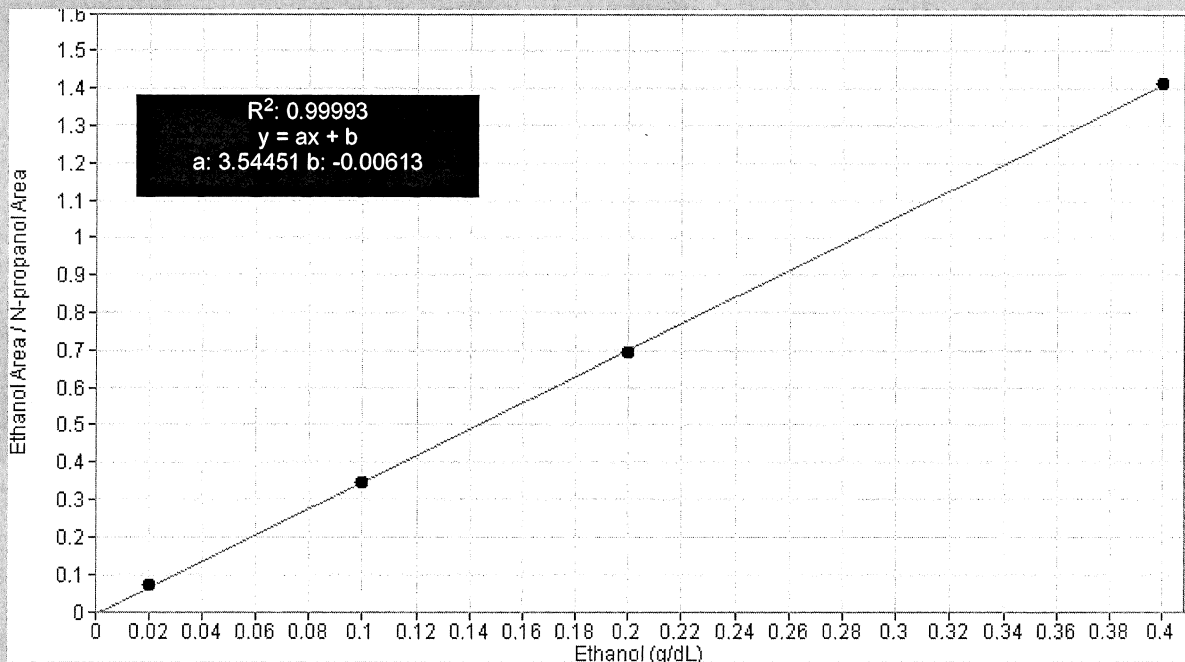
SEQUENCE NAME: 22Sep20

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.199	0.198	0.51	0.001
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.400 11092018-A	42	0.401	0.400	0.25	0.001
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.198 407041529/13	44	0.199	0.198	0.51	0.001
blank 040919WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.430	178.968	0.070
0.100	60.358	174.195	0.347
0.200	119.948	172.187	0.697
0.400	247.612	174.993	1.415

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 22Sep20
Method: ethanol quant.M	Injection date: 9/22/2020 12:05:49 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\22Sep20\1.D	

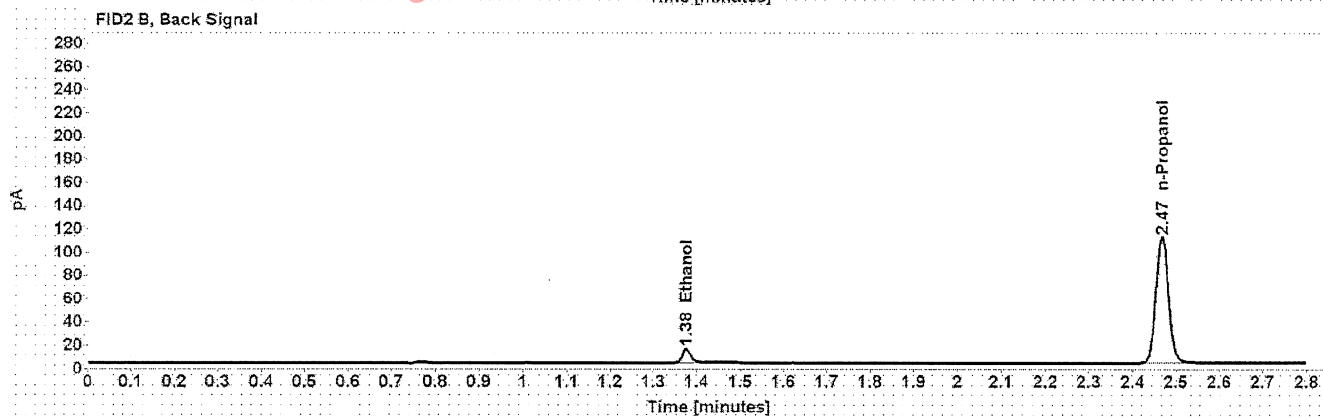
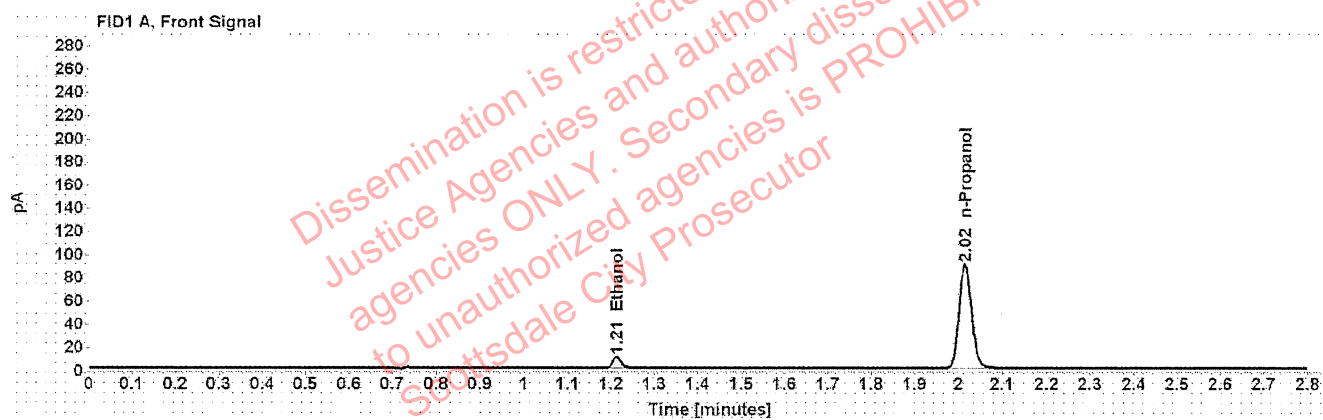


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.430
n-Propanol	2.016	178.968

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.546
n-Propanol	2.467	220.193

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 22Sep20
Method: ethanol quant.M	Injection date: 9/22/2020 12:09:49 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\22Sep20\2.D	

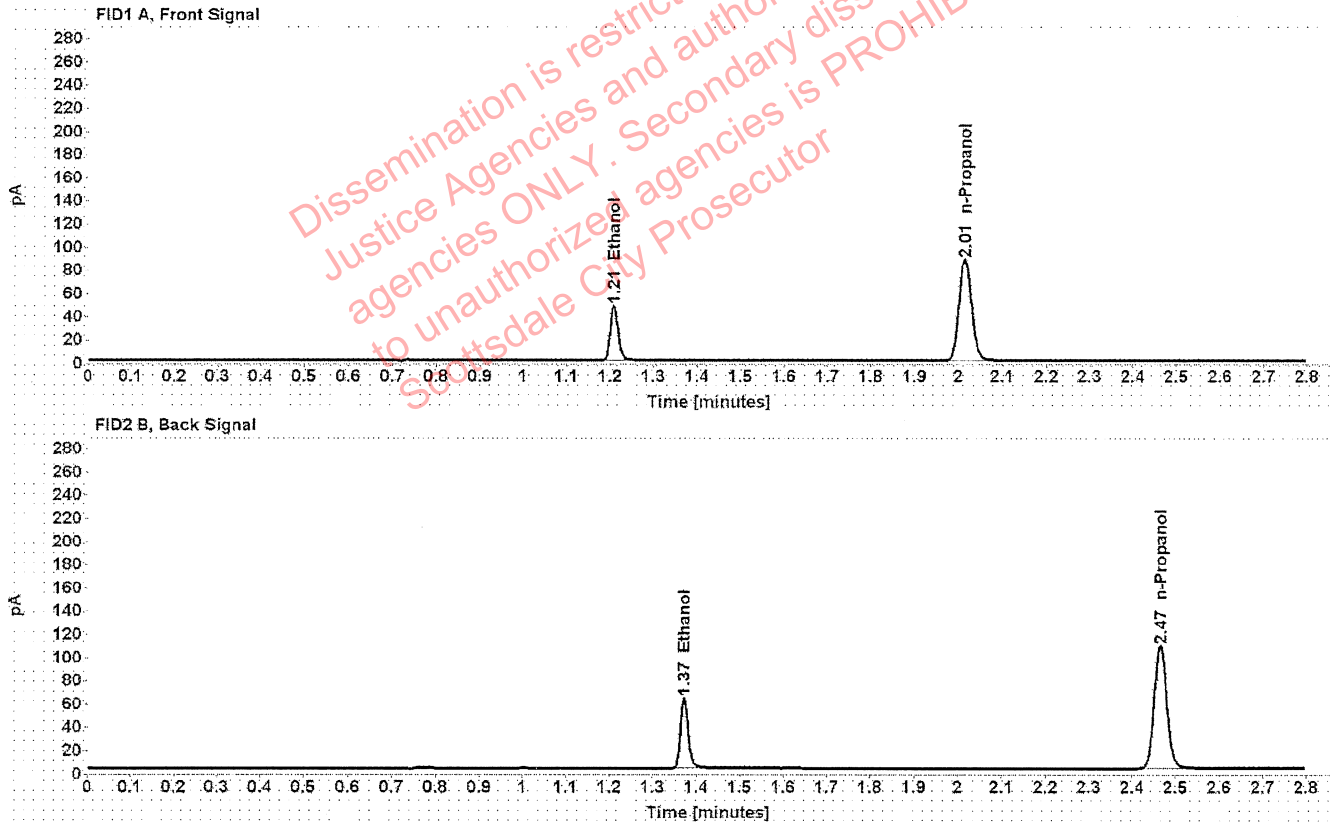


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.358
n-Propanol	2.015	174.195

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

Compound	Time (min)	Peak Area
Ethanol	1.373	75.431
n-Propanol	2.465	214.696

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 22Sep20
Method: ethanol quant.M	Injection date: 9/22/2020 12:13:49 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\22Sep20\3.D	

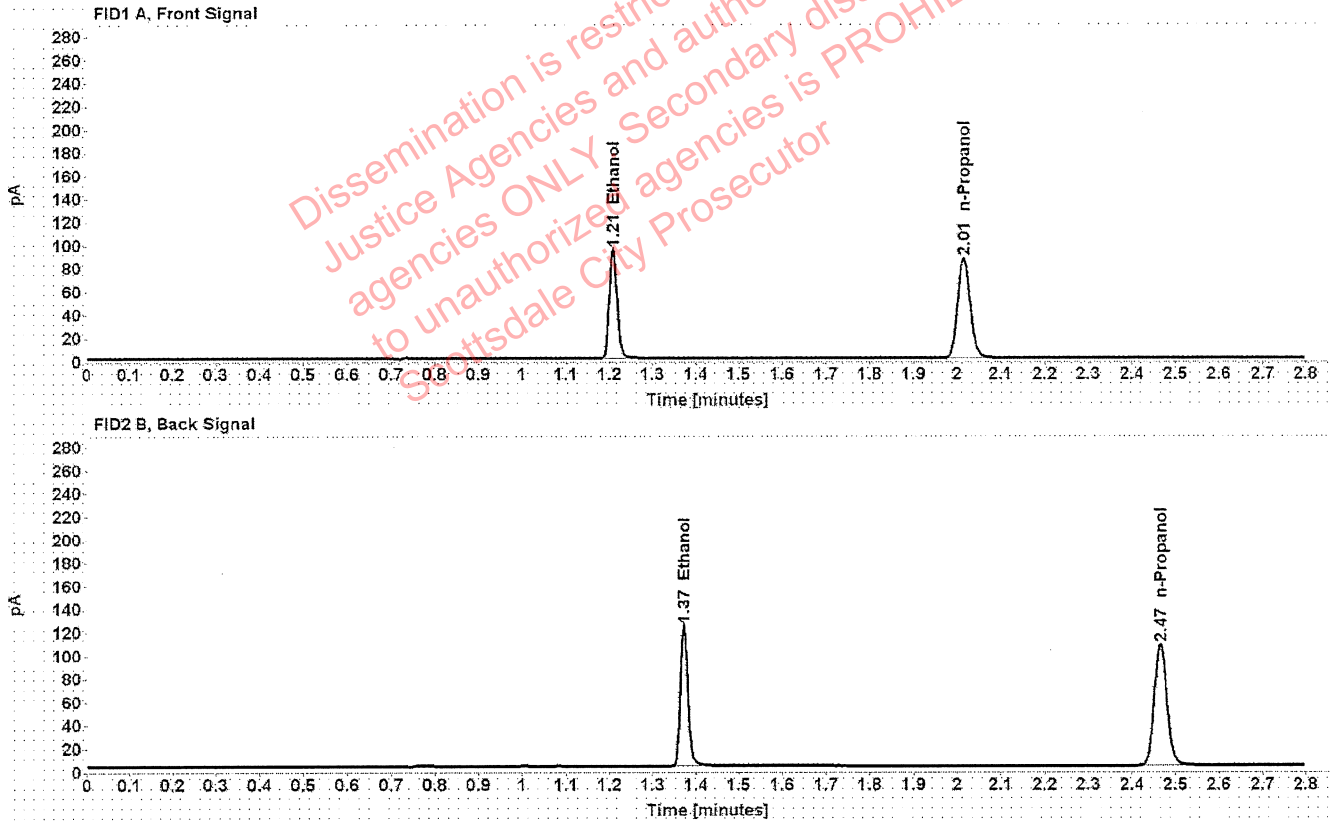


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	119.948
n-Propanol	2.015	172.187

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

Compound	Time (min)	Peak Area
Ethanol	1.372	150.652
n-Propanol	2.465	212.255

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 22Sep20
Method: ethanol quant.M	Injection date: 9/22/2020 12:17:49 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\22Sep20\4.D	

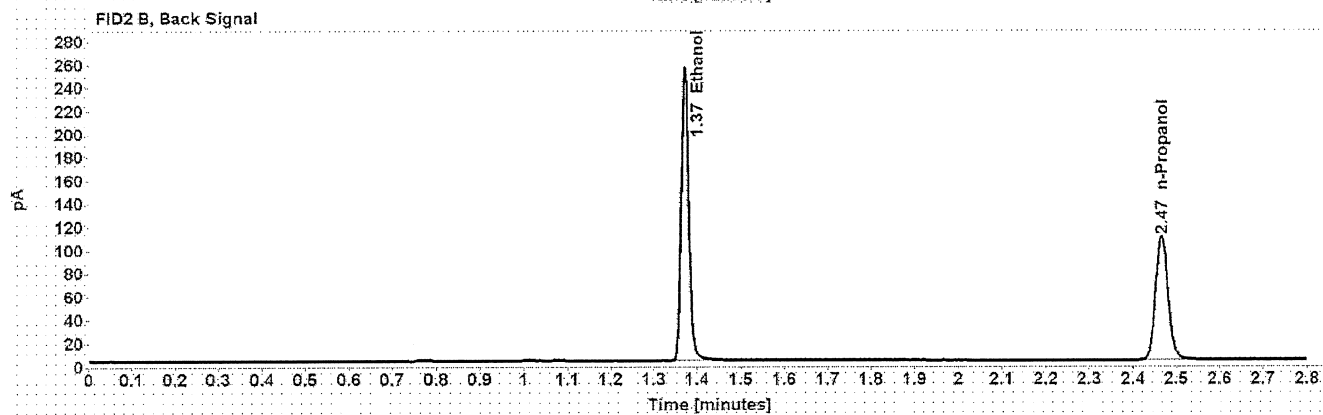
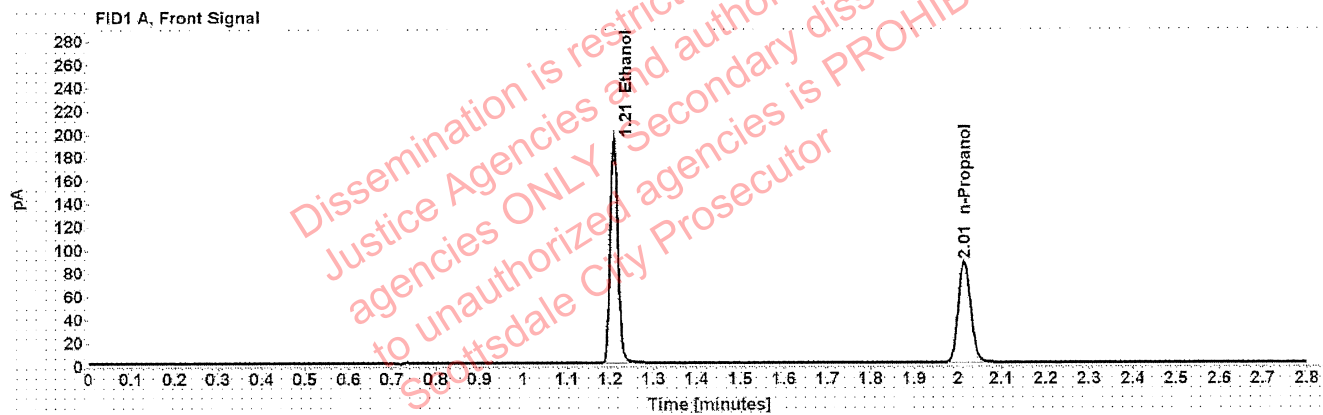


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	247.612
n-Propanol	2.015	174.993

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

Compound	Time (min)	Peak Area
Ethanol	1.372	311.478
n-Propanol	2.466	215.840

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 12:21:49 PM
Data file: C:\Chem32\1\Data\22Sep20\5.D	Analyst: Abbott <i>JA</i>

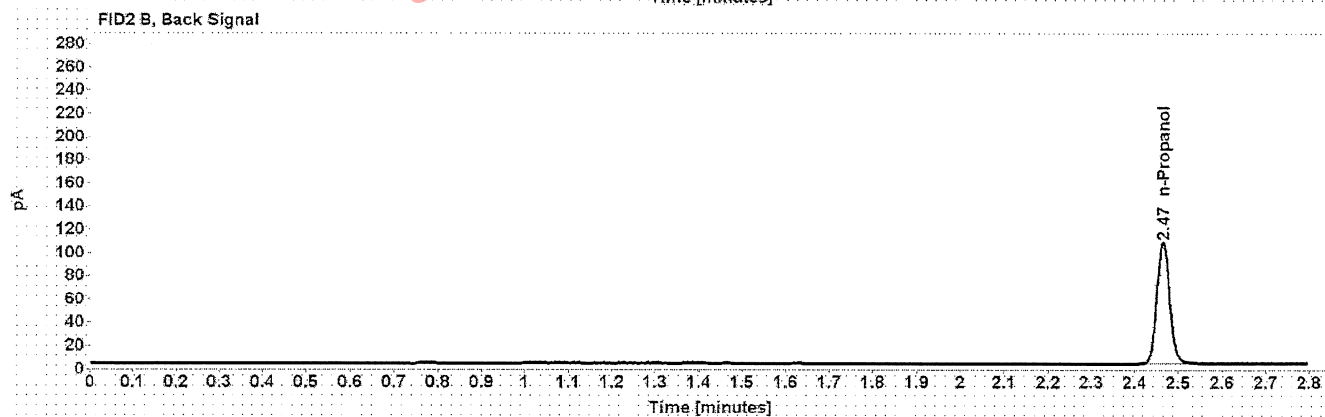
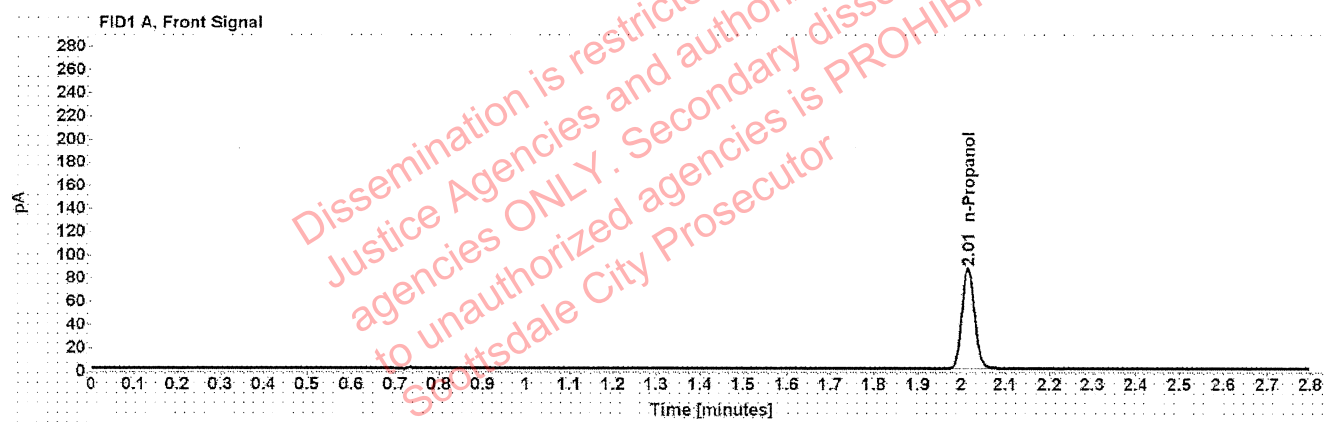


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	173.005

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	212.845

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 12:25:49 PM
Data file: C:\Chem32\1\Data\22Sep20\6.D	Analyst: Abbott

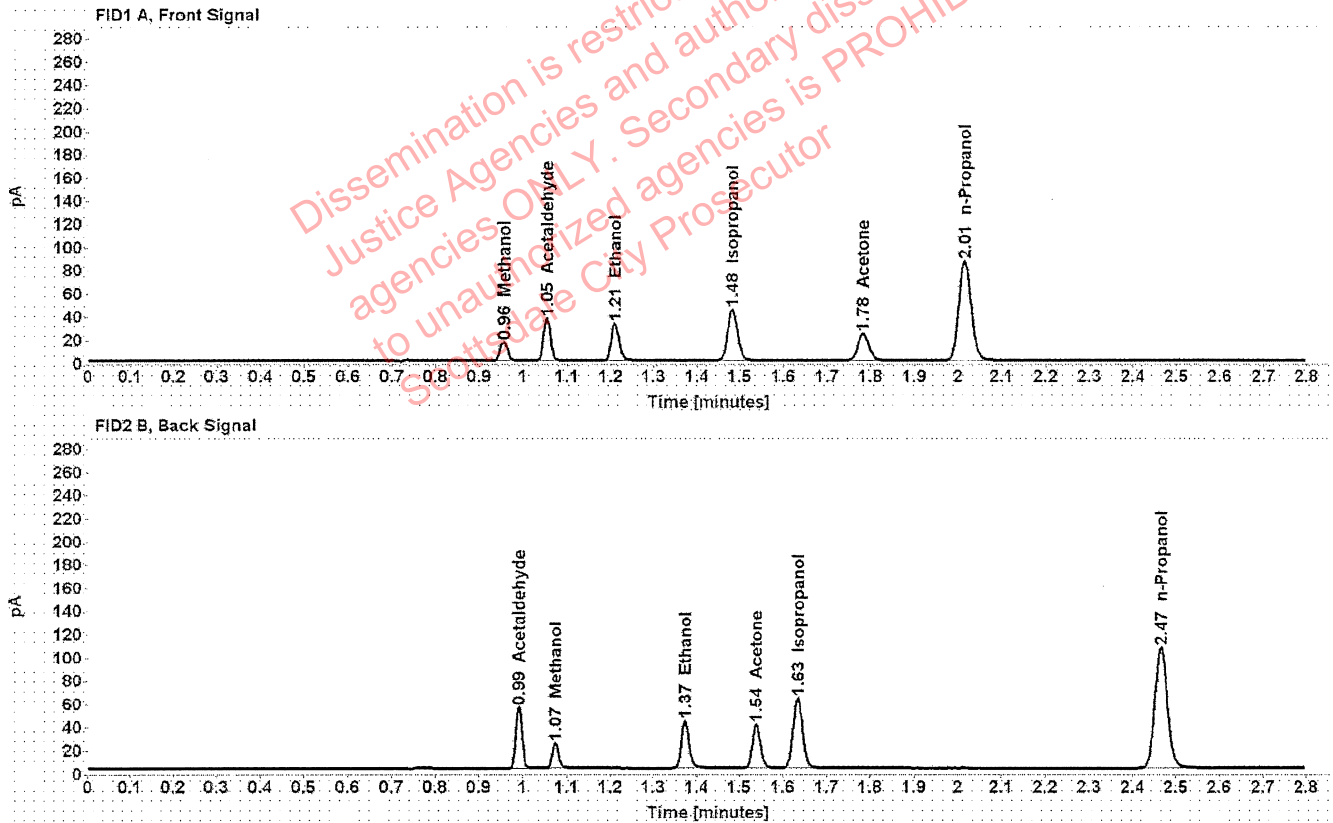


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.086
Acetaldehyde	-----	1.054	40.074
>Ethanol	0.0695	1.210	41.126
Isopropanol	-----	1.483	71.034
Acetone	-----	1.783	40.271
n-Propanol	-----	2.015	171.210

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	51.967
Methanol	1.075	23.290
Ethanol	1.373	51.400
Acetone	1.540	49.819
Isopropanol	1.635	91.218
n-Propanol	2.466	211.077

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 12:30:03 PM
Data file: C:\Chem32\1\Data\22Sep20\7.D	Analyst: Abbott <i>AB</i>

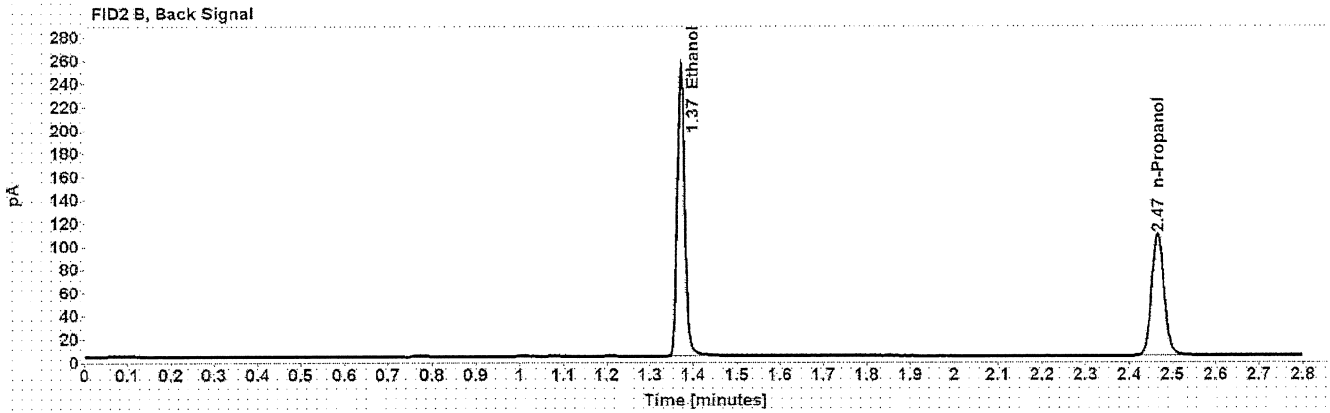
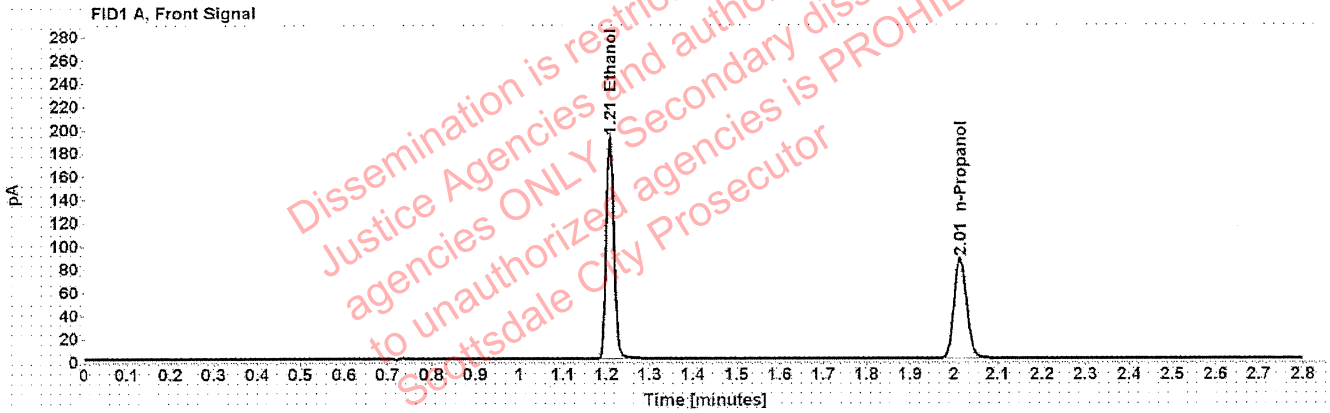


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3990	1.208	243.348
n-Propanol	-----	2.015	172.836

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

Compound	Time (min)	Peak Area
Ethanol	1.372	305.727
n-Propanol	2.466	213.023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 12:34:03 PM
Data file: C:\Chem32\11\Data\22Sep20\8.D	Analyst: Abbott <i>JA</i>

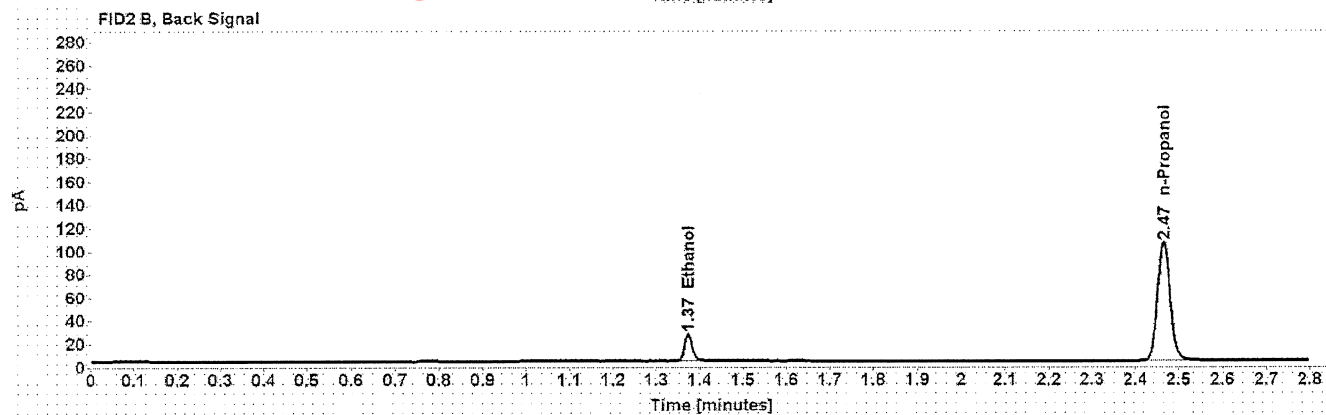
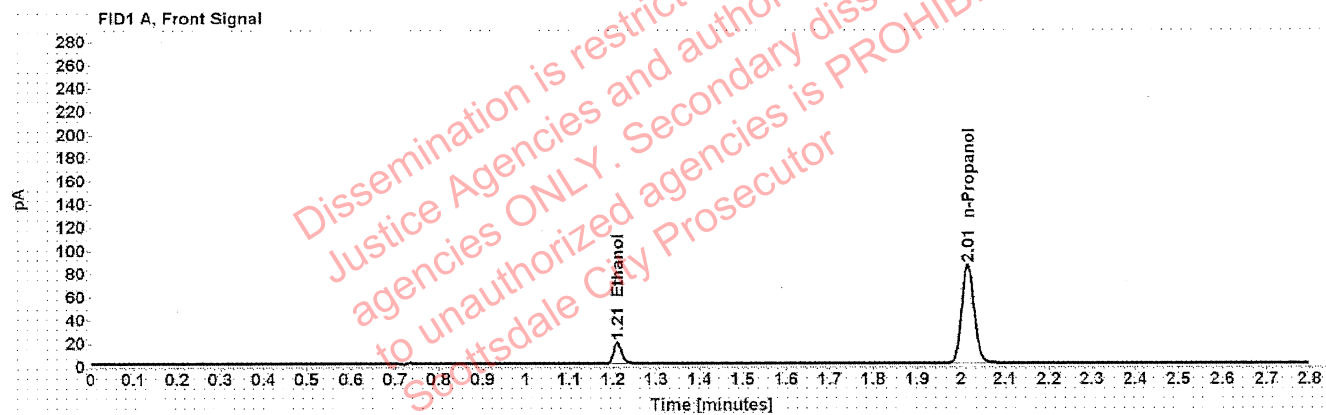


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.210	23.559
n-Propanol	-----	2.015	169.697

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

Compound	Time (min)	Peak Area
Ethanol	1.373	29.448
n-Propanol	2.465	208.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 12:38:04 PM
Data file: C:\Chem32\1\Data\22Sep20\9.D	Analyst: Abbott <i>JA</i>

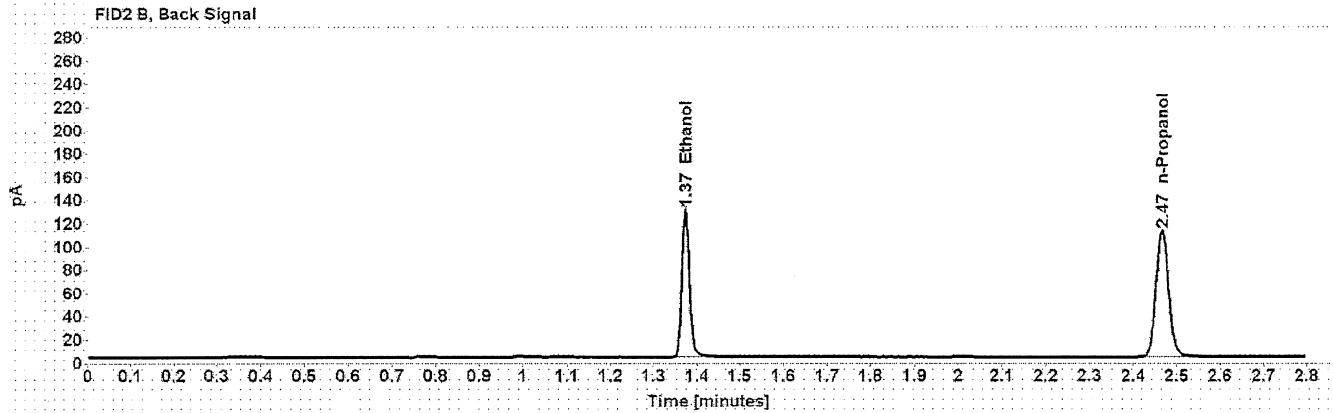
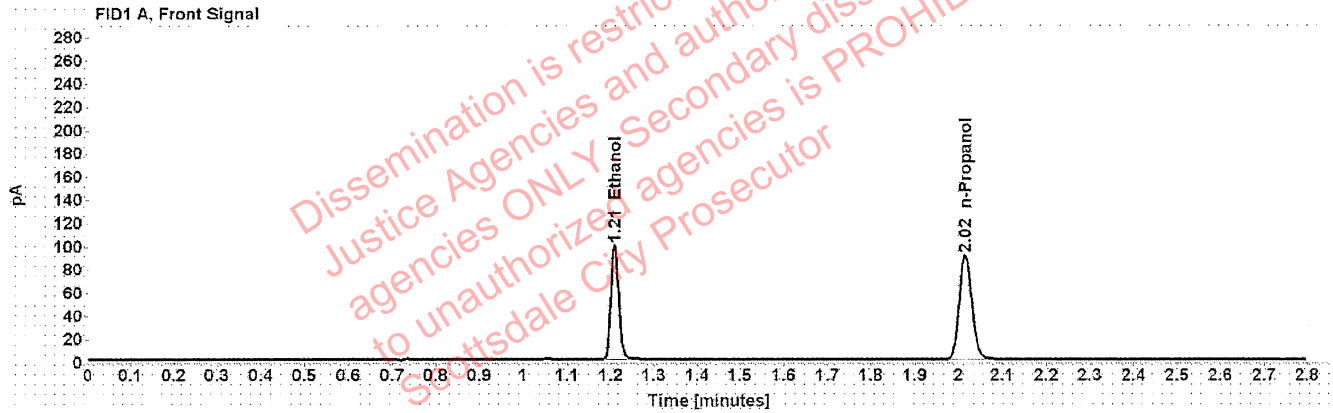


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1993	1.209	126.177
n-Propanol	-----	2.015	180.190

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.452
n-Propanol	2.467	221.764

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:22:34 PM
Data file:	C:\Chem32\1\Data\22Sep20\20.D	Analyst:	Abbott <i>JA</i>

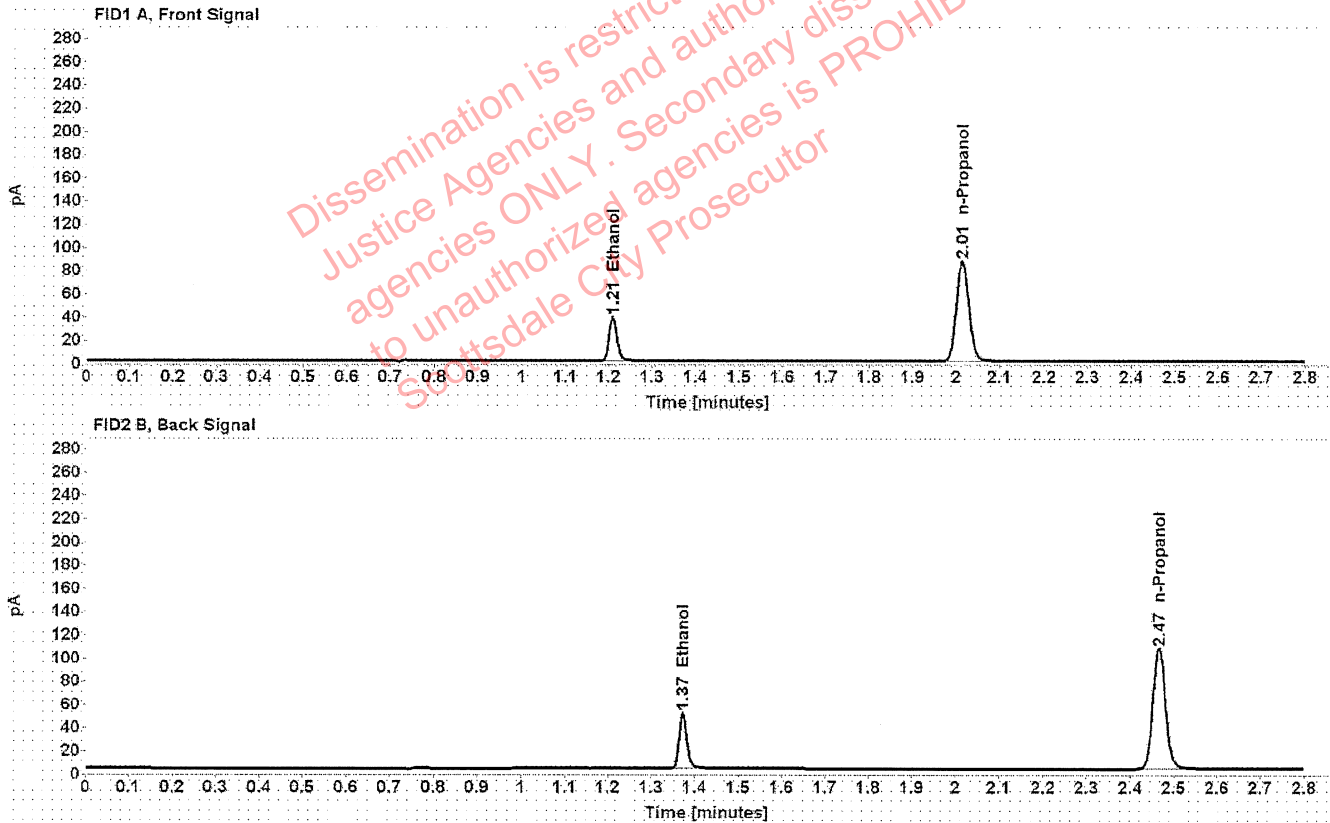


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	48.273
n-Propanol	-----	2.015	172.891

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

Compound	Time (min)	Peak Area
Ethanol	1.373	60.315
n-Propanol	2.466	212.039

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 2:07:03 PM
Data file: C:\Chem32\1\Data\22Sep20\31.D	Analyst: Abbott

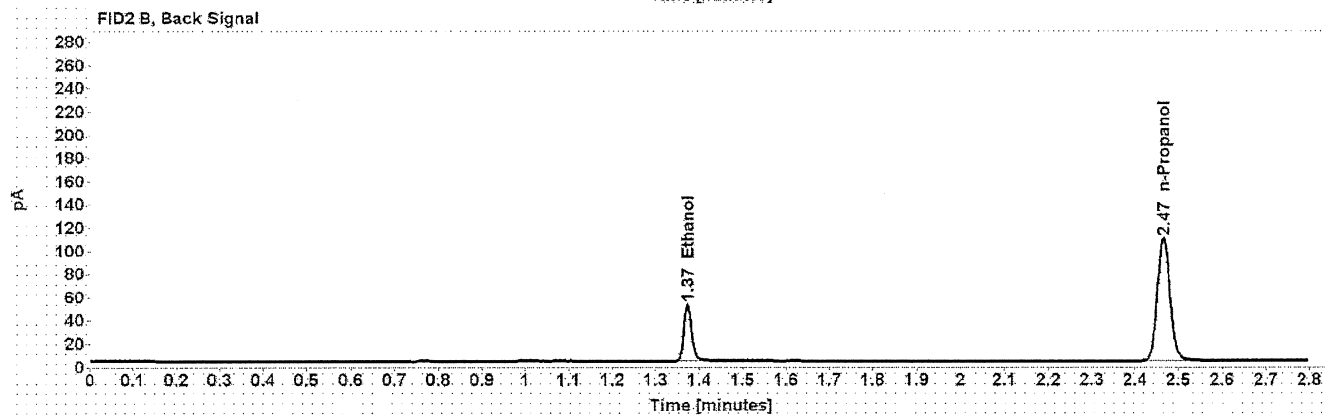
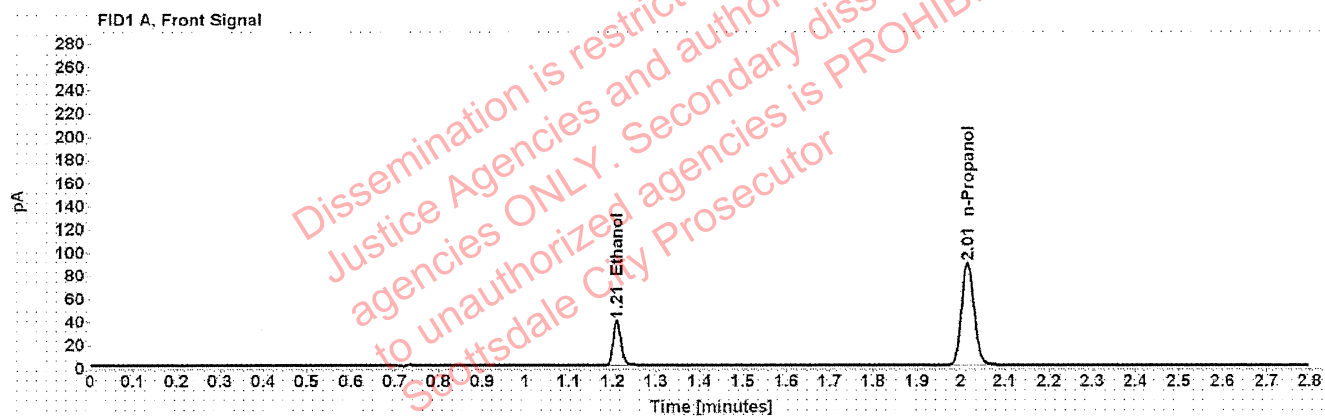


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.210	49.663
n-Propanol	-----	2.015	176.732

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.790
n-Propanol	2.466	216.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 2:51:18 PM
Data file: C:\Chem32\1\Data\22Sep20\42.D	Analyst: Abbott <i>JA</i>

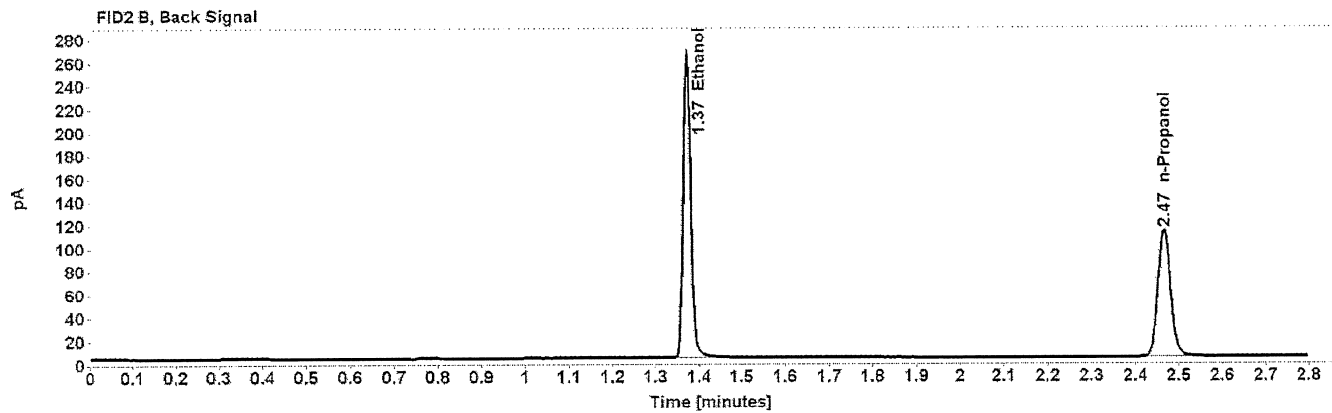
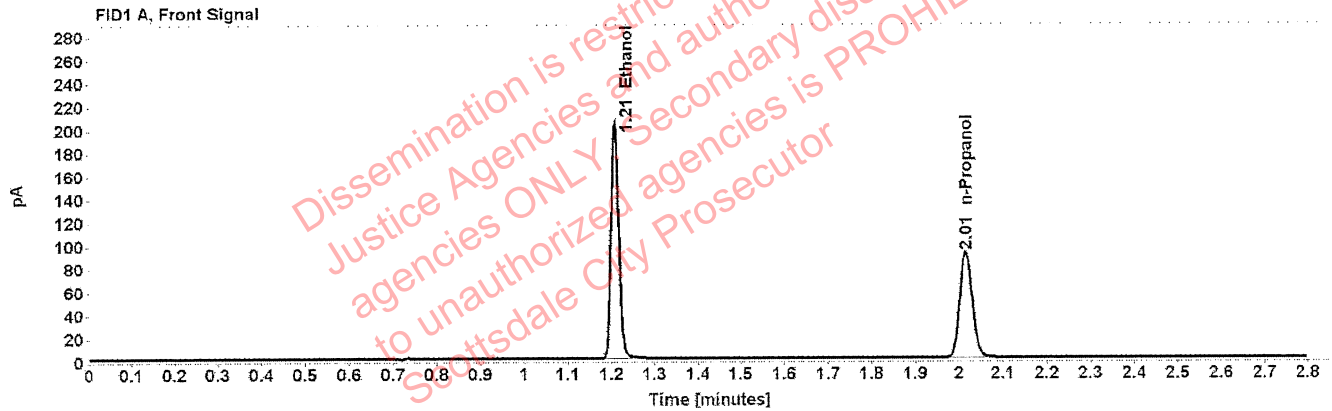


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4019	1.208	258.544
n-Propanol	-----	2.015	182.296

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

Compound	Time (min)	Peak Area
Ethanol	1.372	324.294
n-Propanol	2.466	224.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 2:55:34 PM
Data file: C:\Chem32\1\Data\22Sep20\43.D	Analyst: Abbott <i>oh</i>

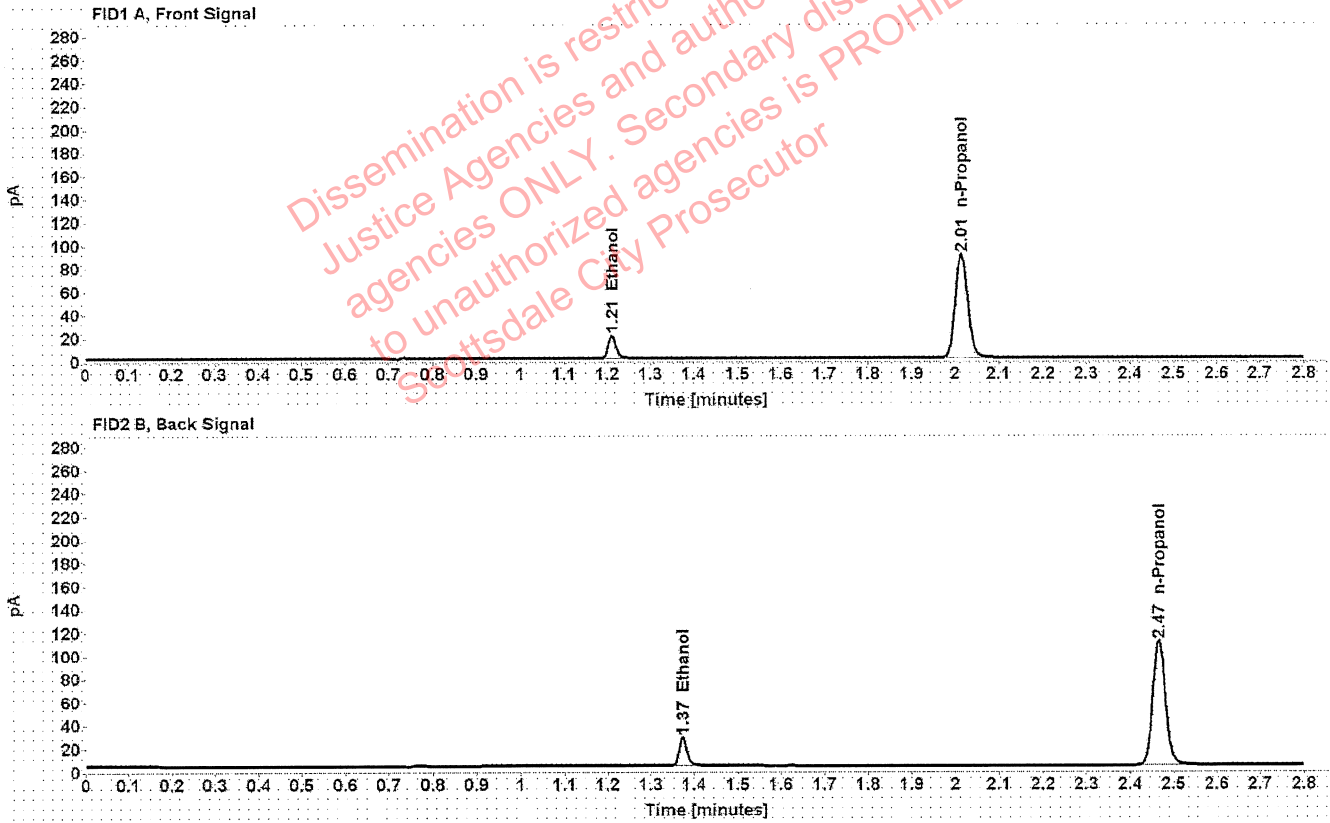


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.210	25.182
n-Propanol	-----	2.015	179.008

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

Compound	Time (min)	Peak Area
Ethanol	1.374	31.315
n-Propanol	2.466	218.898

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 44
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 2:59:34 PM
Data file: C:\Chem32\1\Data\22Sep20\44.D	Analyst: Abbott <i>gjh</i>

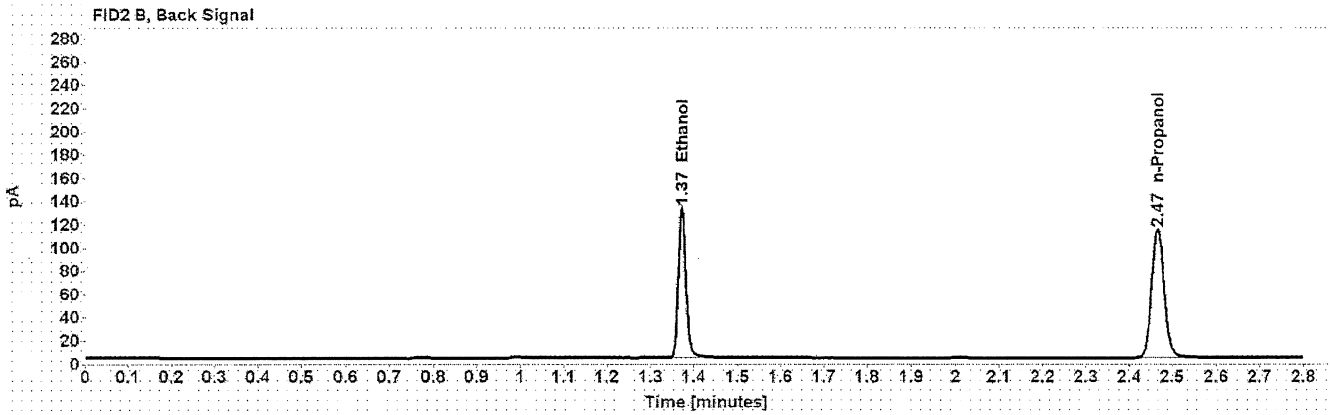
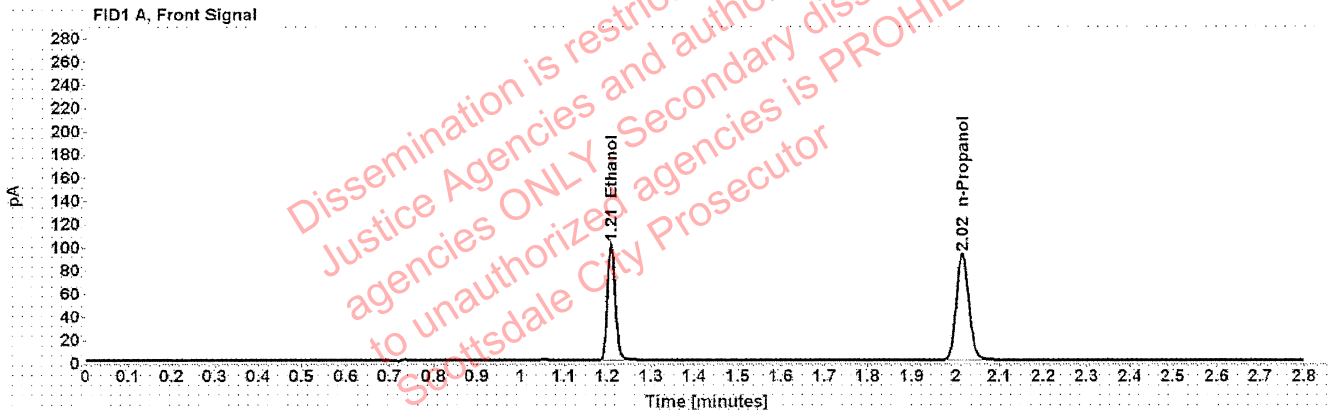


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1993	1.209	129.252
n-Propanol	-----	2.015	184.586

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

Compound	Time (min)	Peak Area
Ethanol	1.373	161.988
n-Propanol	2.466	226.276

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 22Sep20
Instrument: US14173023 CN14160045	Injection date: 9/22/2020 3:03:33 PM
Data file: C:\Chem32\1\Data\22Sep20\45.D	Analyst: Abbott <i>JA</i>

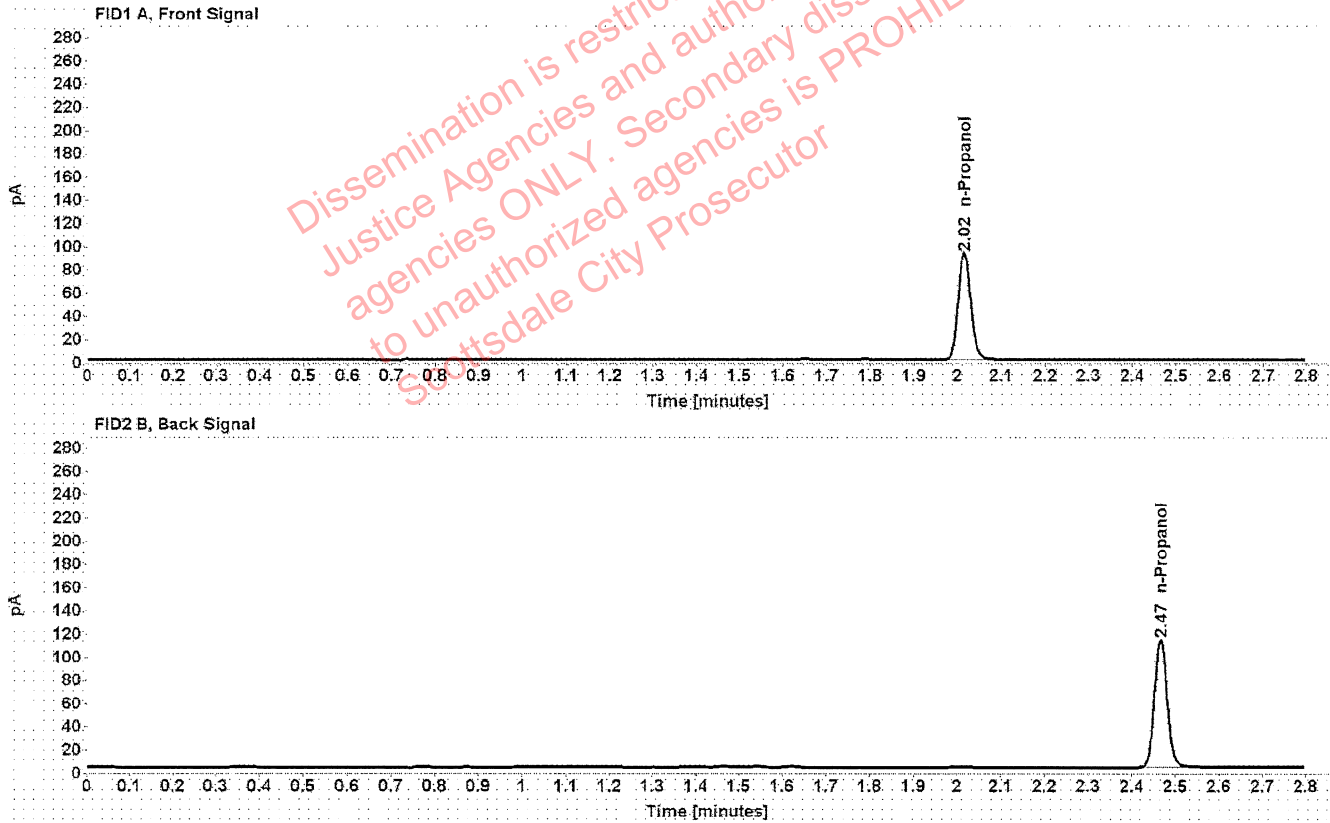



Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	183.401

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	225.064

Sequence Summary

Sequence name: 22Sep20 Instrument: US14173023 CN14160045 Analyst: Abbott 

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	071420AQ	Negative	Control		ethanol quant.M
6	070819MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10	1302109		Sample		ethanol quant.M
11	1302109		Sample		ethanol quant.M
12	1334048		Sample		ethanol quant.M
13	1334048		Sample		ethanol quant.M
14	1301819		Sample		ethanol quant.M
15	1301819		Sample		ethanol quant.M
16	1338367		Sample		ethanol quant.M
17	1338367		Sample		ethanol quant.M
18	1338188		Sample		ethanol quant.M
19	1338188		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1336885		Sample		ethanol quant.M
22	1336885		Sample		ethanol quant.M
23	1333958		Sample		ethanol quant.M
24	1333958		Sample		ethanol quant.M
25	1336460		Sample		ethanol quant.M
26	1336460		Sample		ethanol quant.M
27	1335771		Sample		ethanol quant.M
28	1335771		Sample		ethanol quant.M
29	1337926		Sample		ethanol quant.M
30	1337926		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1336050		Sample		ethanol quant.M
33	1336050		Sample		ethanol quant.M
34	1336999		Sample		ethanol quant.M
35	1336999		Sample		ethanol quant.M
36	1338832		Sample		ethanol quant.M
37	1338832		Sample		ethanol quant.M
38	1310984		Sample		ethanol quant.M
39	1310984		Sample		ethanol quant.M
40	1306162		Sample		ethanol quant.M
41	1306162		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	407041529/13	0.198	Control		ethanol quant.M
45	040919WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 22Sep20

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1116	0.1105	0.11105	0.50	0.00055
12 13	0.1825	0.1816	0.18205	0.25	0.00045
14 15	0.2465	0.2484	0.24745	0.38	0.00095
16 17	0.1431	0.1426	0.14285	0.18	0.00025
18 19	0.2117	0.2138	0.21275	0.49	0.00105
21 22	0.2014	0.2032	0.20230	0.44	0.00090
23 24	0.2283	0.2284	0.22835	0.02	0.00005
25 26	0.1533	0.1531	0.15320	0.07	0.00010
27 28	0.1695	0.1688	0.16915	0.21	0.00035
29 30	0.2609	0.2618	0.26135	0.17	0.00045
32 33	0.1992	0.1991	0.19915	0.03	0.00005
34 35	0.1942	0.1959	0.19505	0.44	0.00085
36 37	0.1745	0.1735	0.17400	0.29	0.00050
38 39	0.0848	0.0843	0.08455	0.30	0.00025
40 41	0.1666	0.1654	0.16600	0.36	0.00060

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302109	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 12:42:04 PM
Data file:	C:\Chem32\1\Data\22Sep20\10.D	Analyst:	Abbott

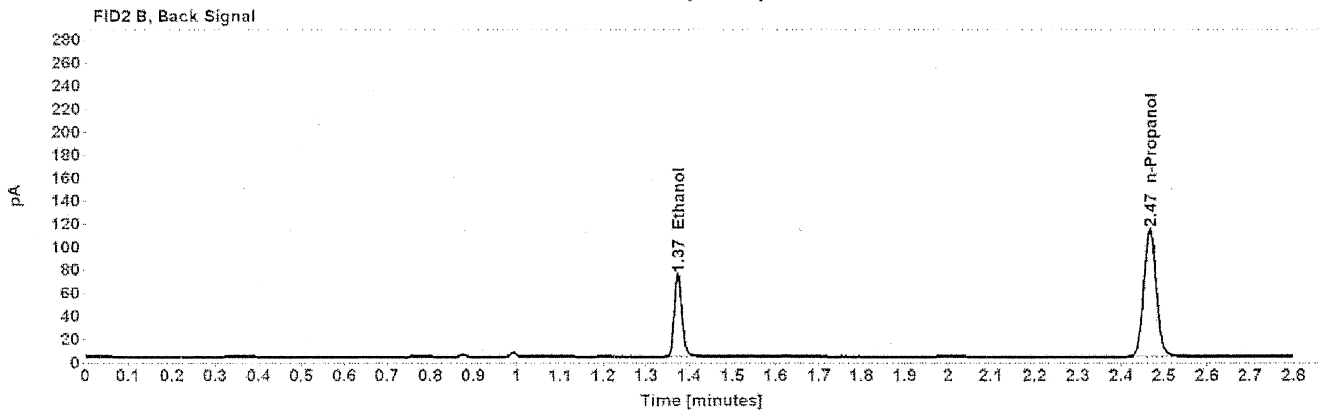
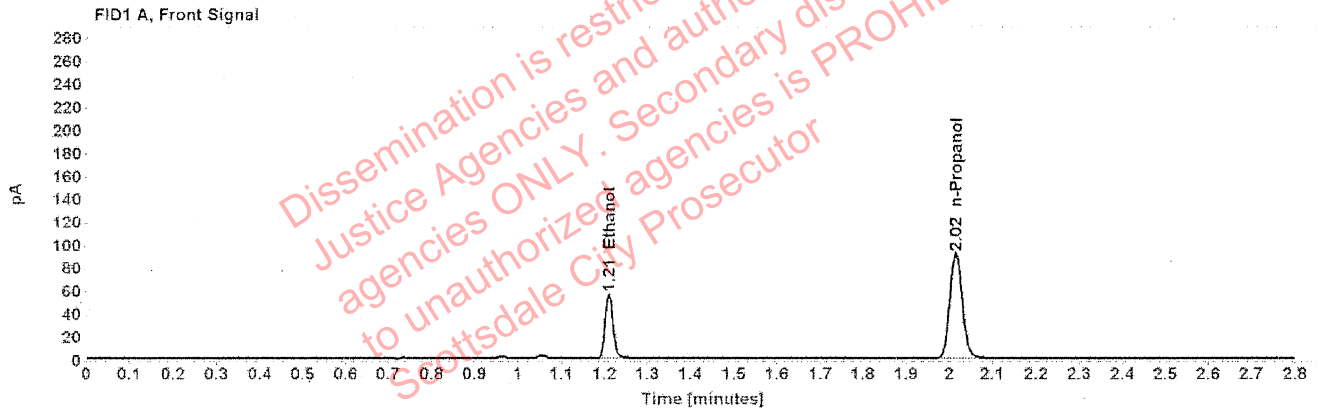


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1116	1.210	71.022
n-Propanol	-----	2.015	182.326

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

Compound	Time (min)	Peak Area
Ethanol	1.374	88.621
n-Propanol	2.467	224.947

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302109	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 12:46:03 PM
Data file:	C:\Chem32\1\Data\22Sep20\11.D	Analyst:	Abbott

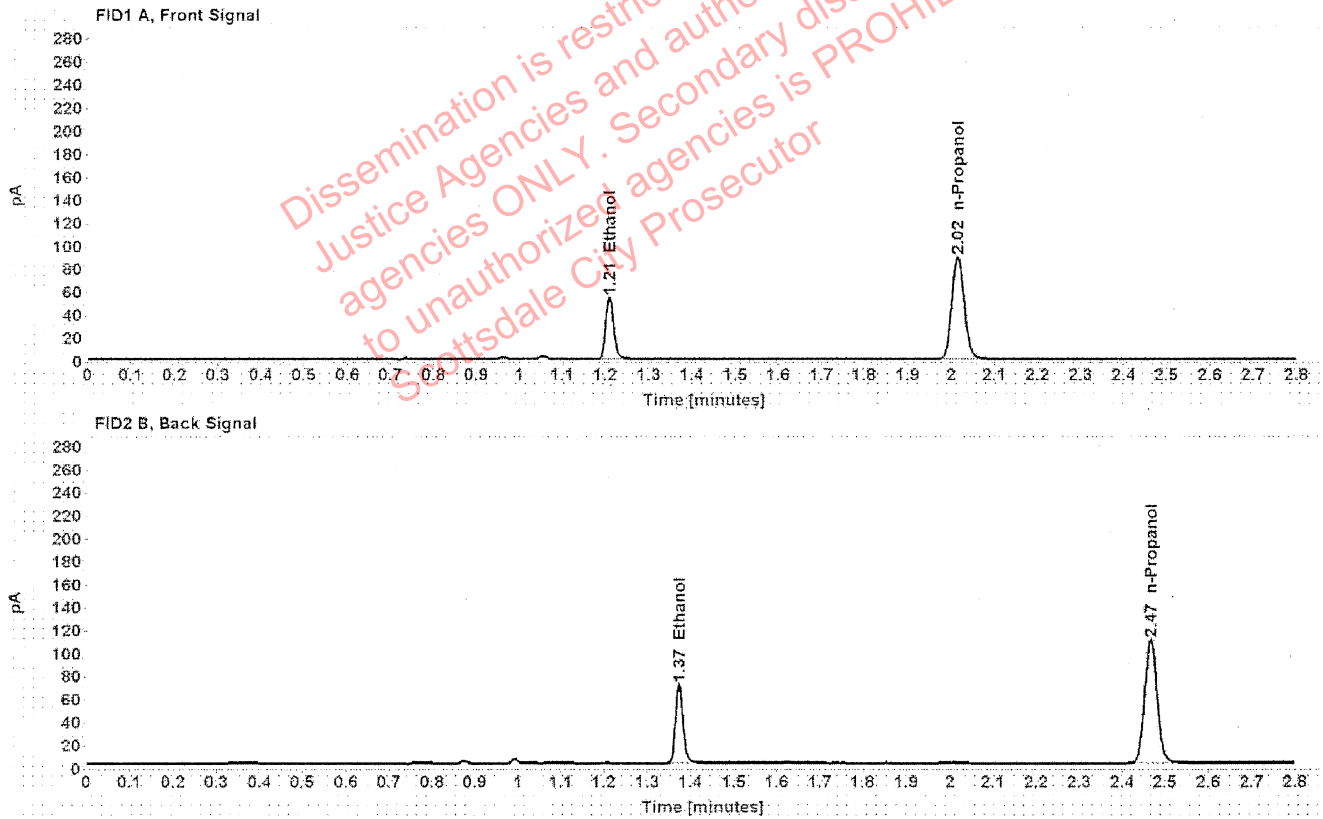


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1105	1.210	68.452
n-Propanol	-----	2.015	177.592

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

Compound	Time (min)	Peak Area
Ethanol	1.373	85.342
n-Propanol	2.466	218.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334048	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 12:50:03 PM
Data file:	C:\Chem32\1\Data\22Sep20\12.D	Analyst:	Abbott

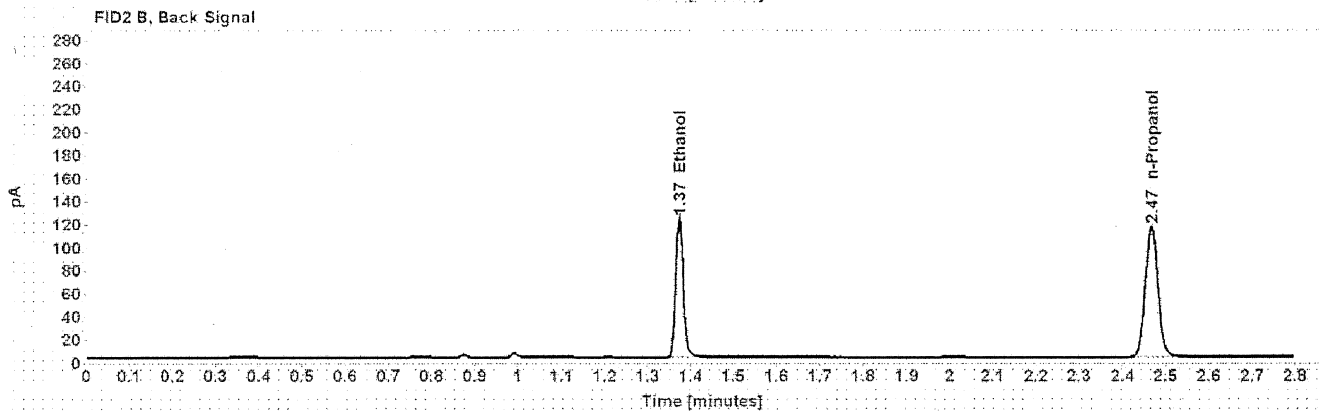
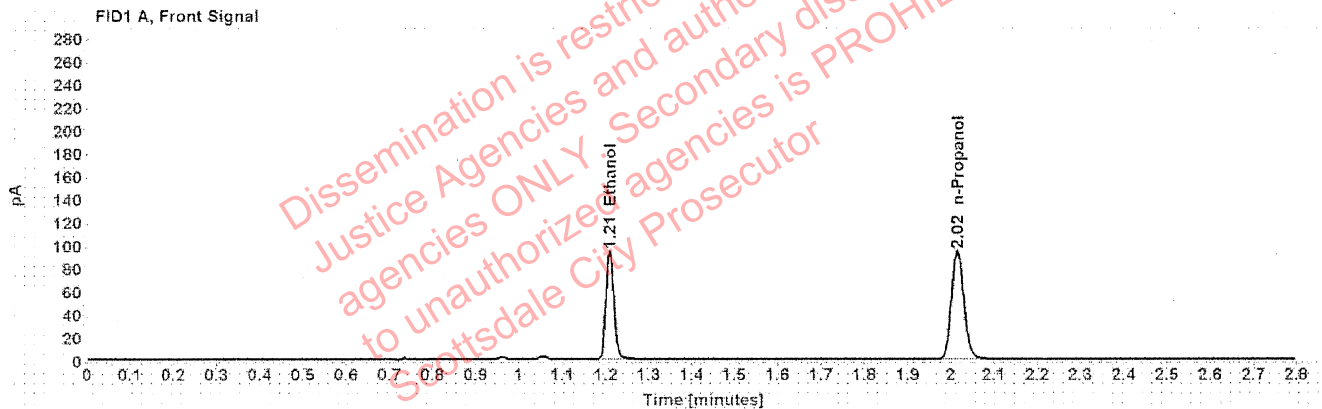


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1825	1.209	120.306
n-Propanol	-----	2.015	187.710

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

Compound	Time (min)	Peak Area
Ethanol	1.373	150.400
n-Propanol	2.466	230.690

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1334048	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 12:54:18 PM
Data file:	C:\Chem32\1\Data\22Sep20\13.D	Analyst:	Abbott

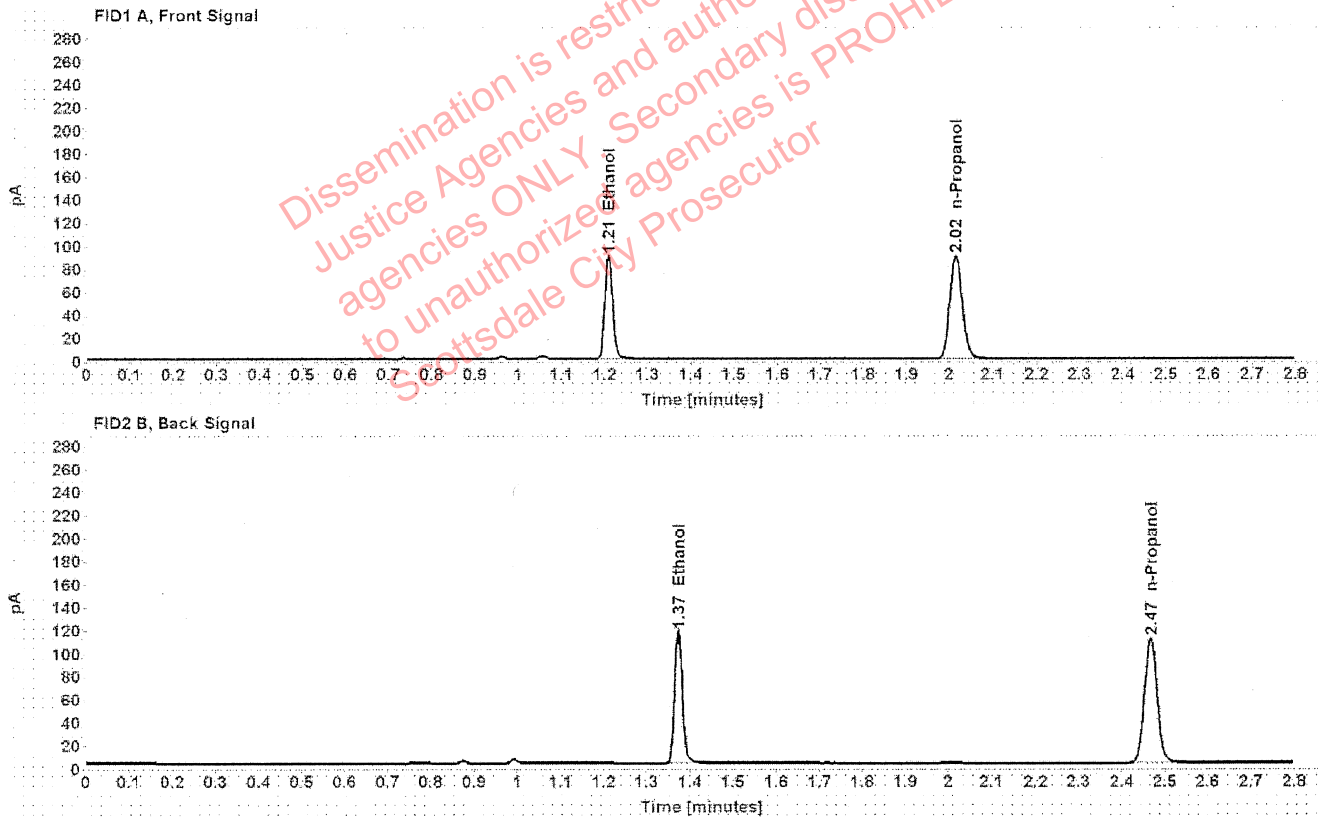


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1816	1.209	114.674
n-Propanol	-----	2.015	179.853

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

Compound	Time (min)	Peak Area
Ethanol	1.373	143.140
n-Propanol	2.466	220.913

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301819	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 12:58:18 PM
Data file:	C:\Chem32\1\Data\22Sep20\14.D	Analyst:	Abbott

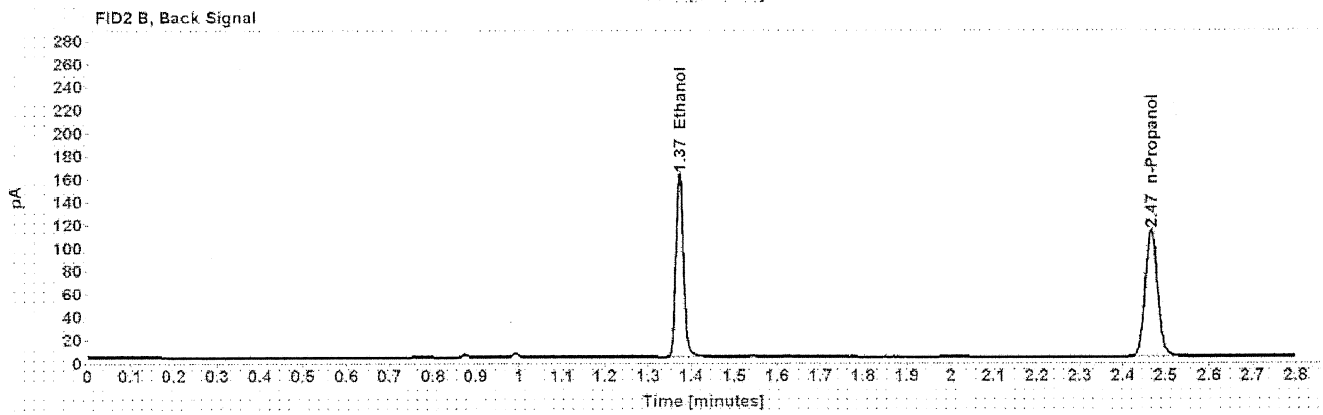
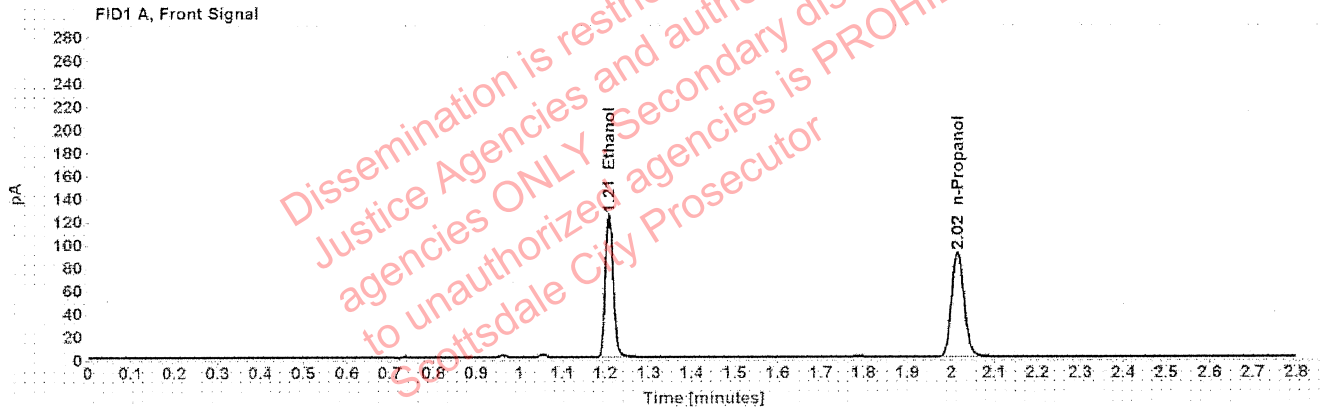


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2465	1.209	157.714
n-Propanol	-----	2.015	181.765

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

Compound	Time (min)	Peak Area
Ethanol	1.373	198.887
n-Propanol	2.466	223.766

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301819	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:02:18 PM
Data file:	C:\Chem32\1\Data\22Sep20\15.D	Analyst:	Abbott

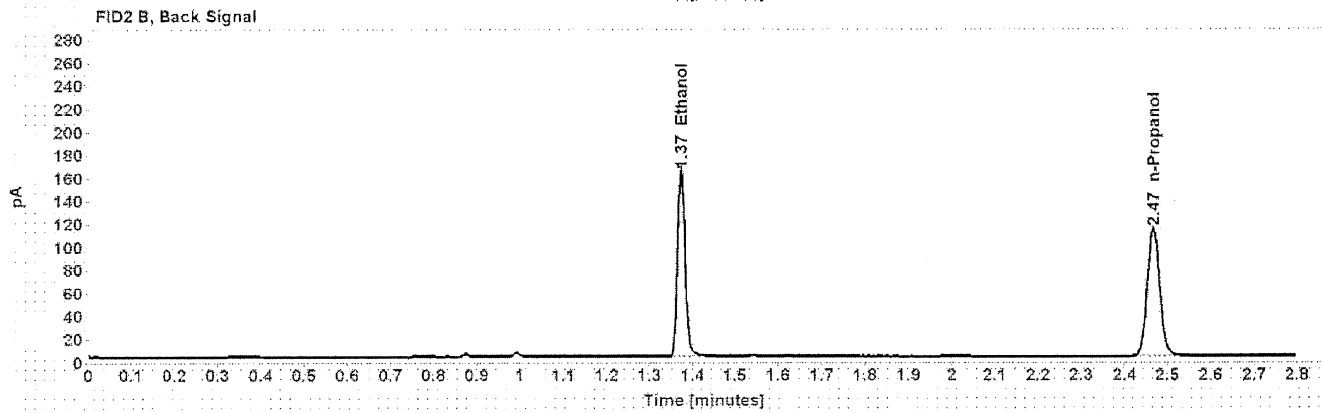
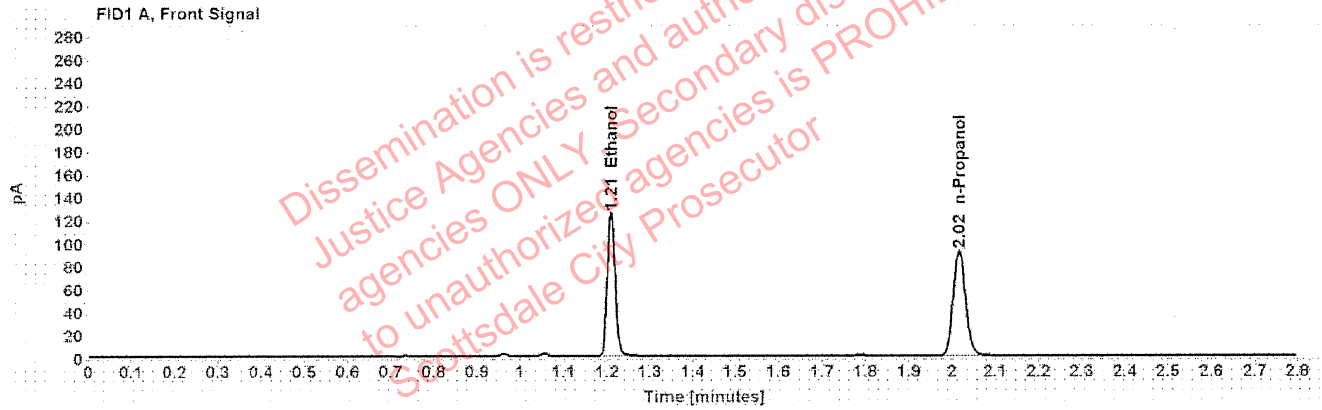


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2484	1.209	159.606
n-Propanol	-----	2.015	182.574

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

Compound	Time (min)	Peak Area
Ethanol	1.373	201.523
n-Propanol	2.467	224.741

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338367	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:06:18 PM
Data file:	C:\Chem32\1\Data\22Sep20\16.D	Analyst:	Abbott

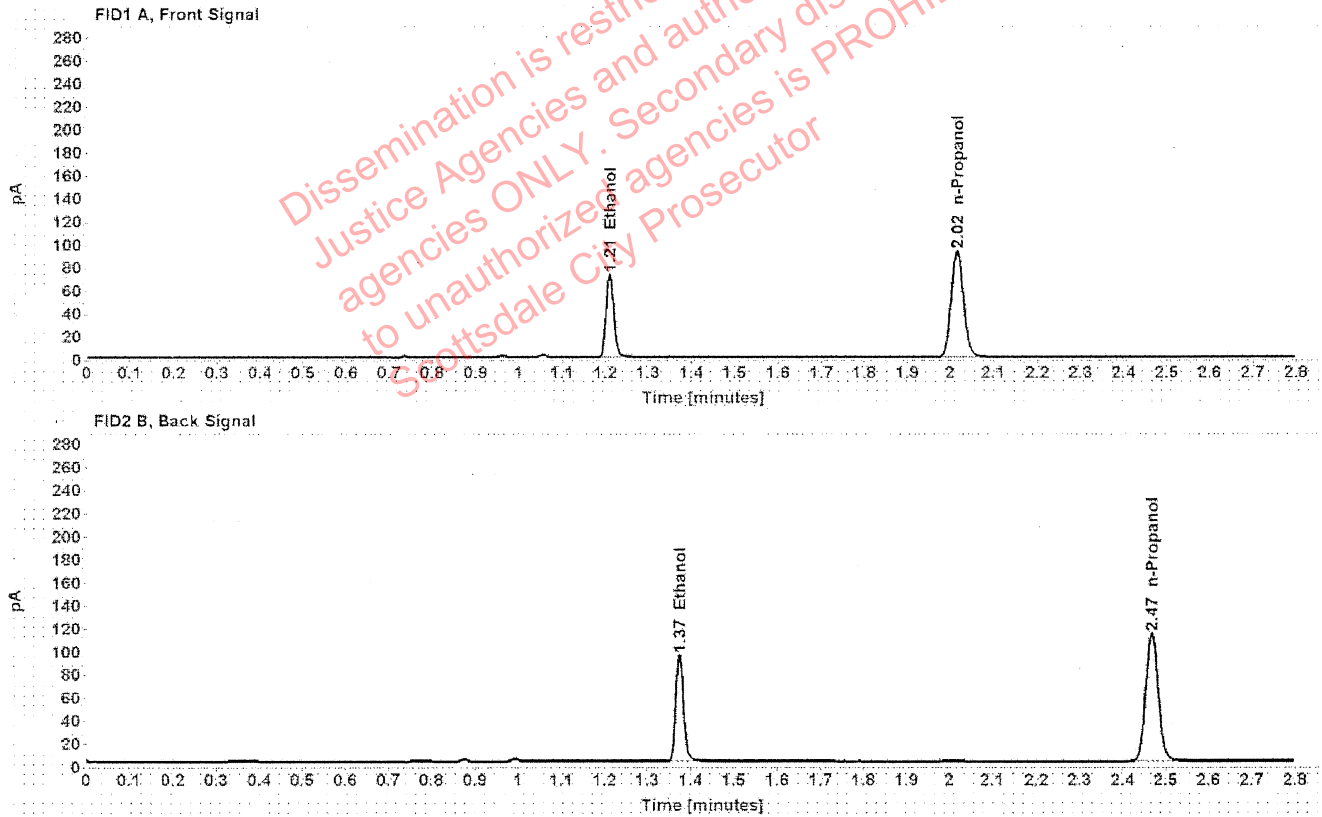


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1431	1.210	92.059
n-Propanol	-----	2.016	183.727

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

Compound	Time (min)	Peak Area
Ethanol	1.374	114.817
n-Propanol	2.467	225.538

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338367	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:10:18 PM
Data file:	C:\Chem32\1\Data\22Sep20\17.D	Analyst:	Abbott

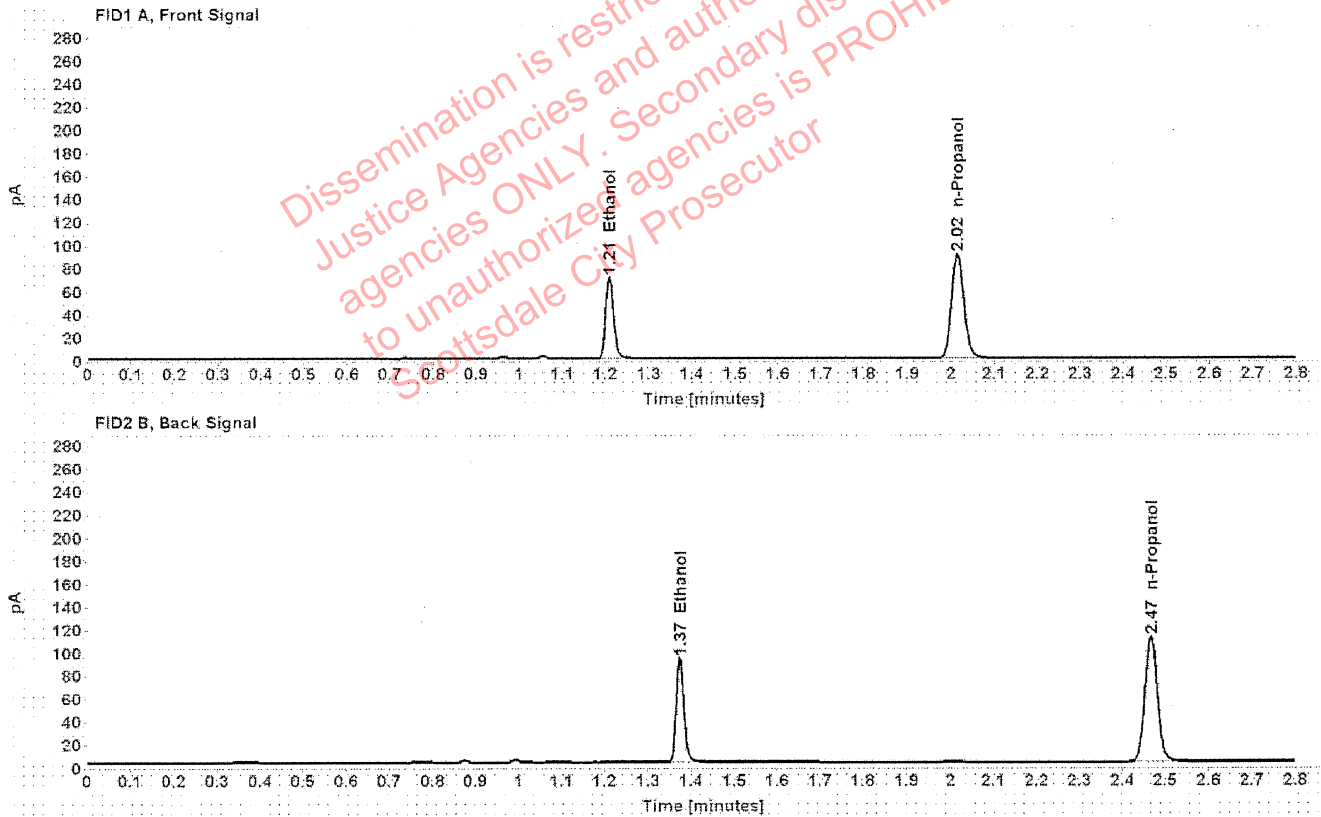


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1426	1.210	90.308
n-Propanol	-----	2.015	180.834

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.740
n-Propanol	2.467	221.843

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338188	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:14:18 PM
Data file:	C:\Chem32\1\Data\22Sep20\18.D	Analyst:	Abbott

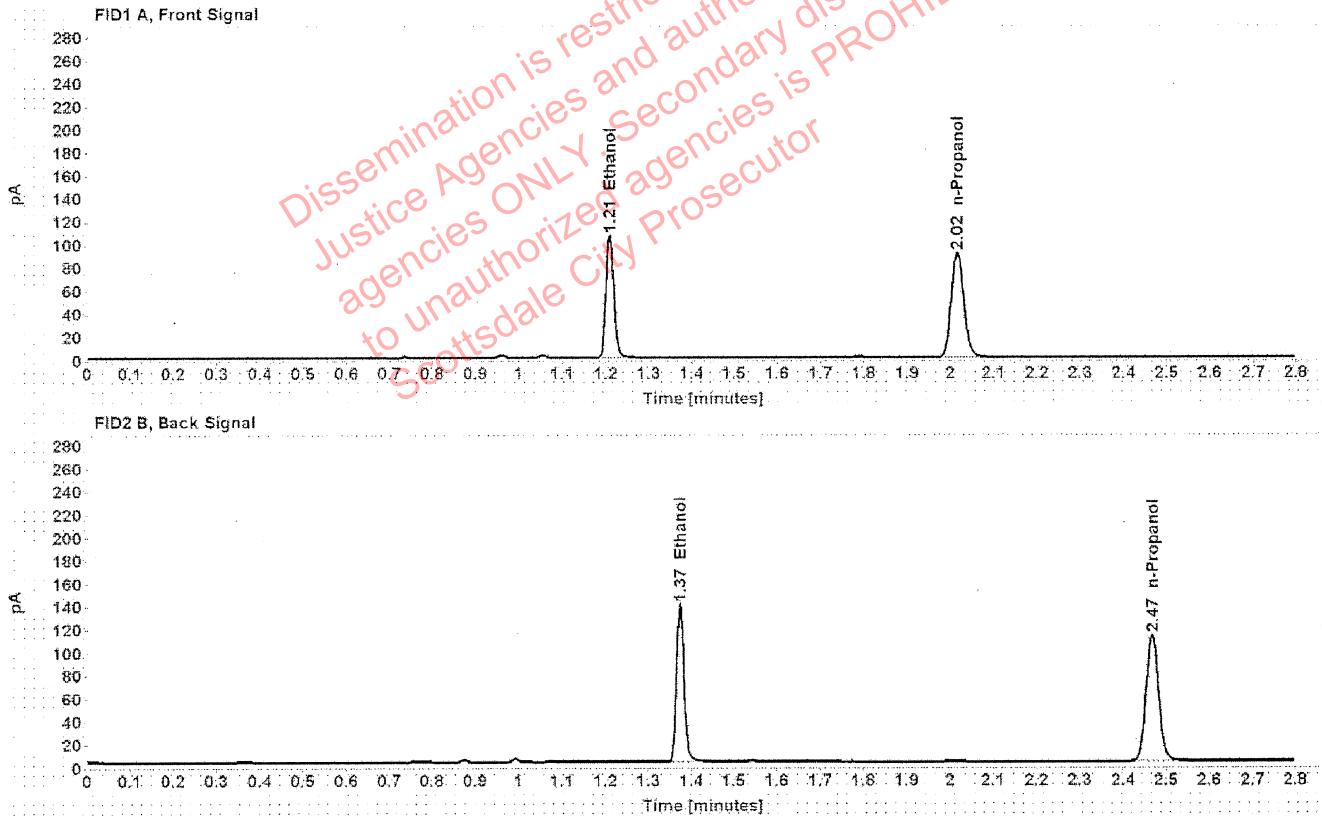


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2117	1.209	135.524
n-Propanol	-----	2.015	182.064

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

Compound	Time (min)	Peak Area
Ethanol	1.374	169.967
n-Propanol	2.467	223.178

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338188	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:18:33 PM
Data file:	C:\Chem32\1\Data\22Sep20\19.D	Analyst:	Abbott

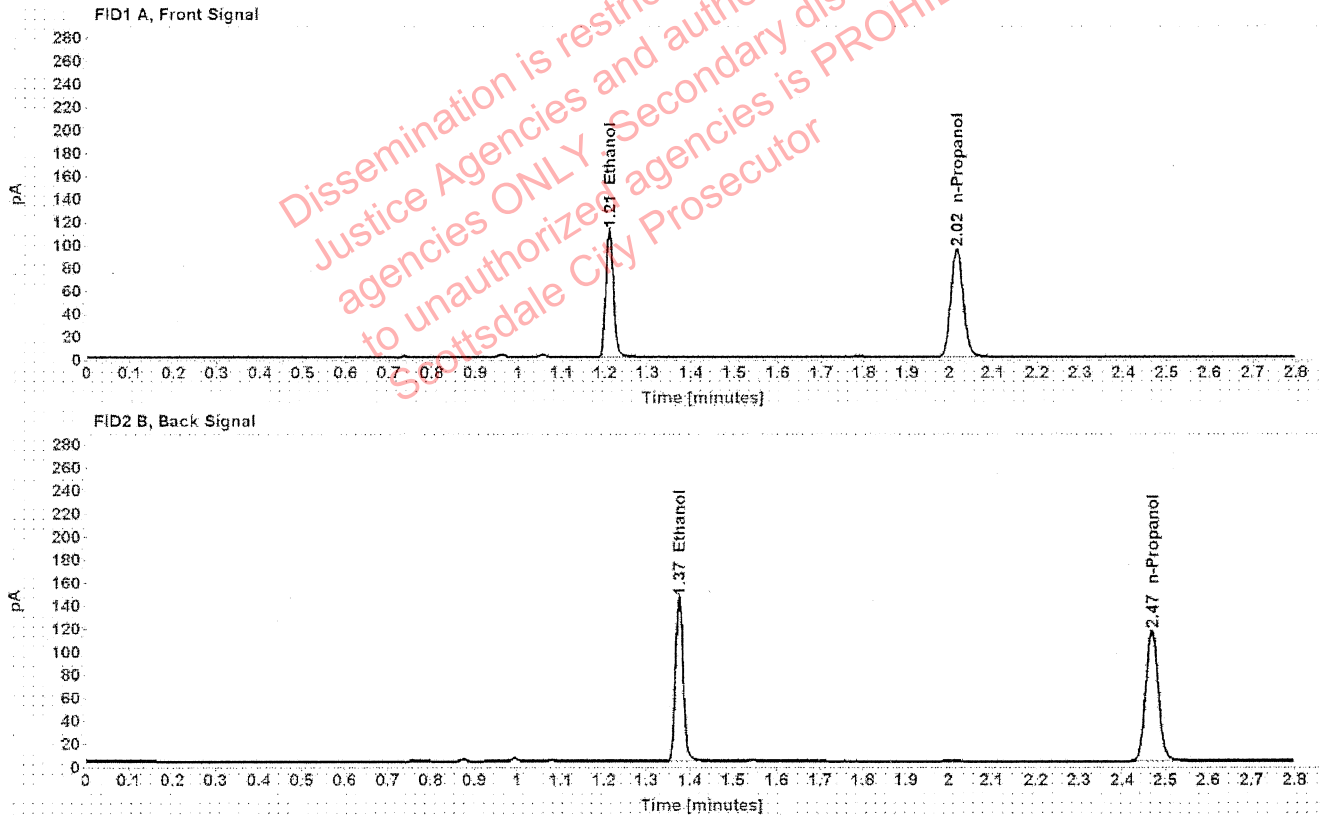


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2138	1.210	141.486
n-Propanol	-----	2.016	188.248

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

Compound	Time (min)	Peak Area
Ethanol	1.375	176.521
n-Propanol	2.468	230.451

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336885	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:26:33 PM
Data file:	C:\Chem32\1\Data\22Sep20\21.D	Analyst:	Abbott

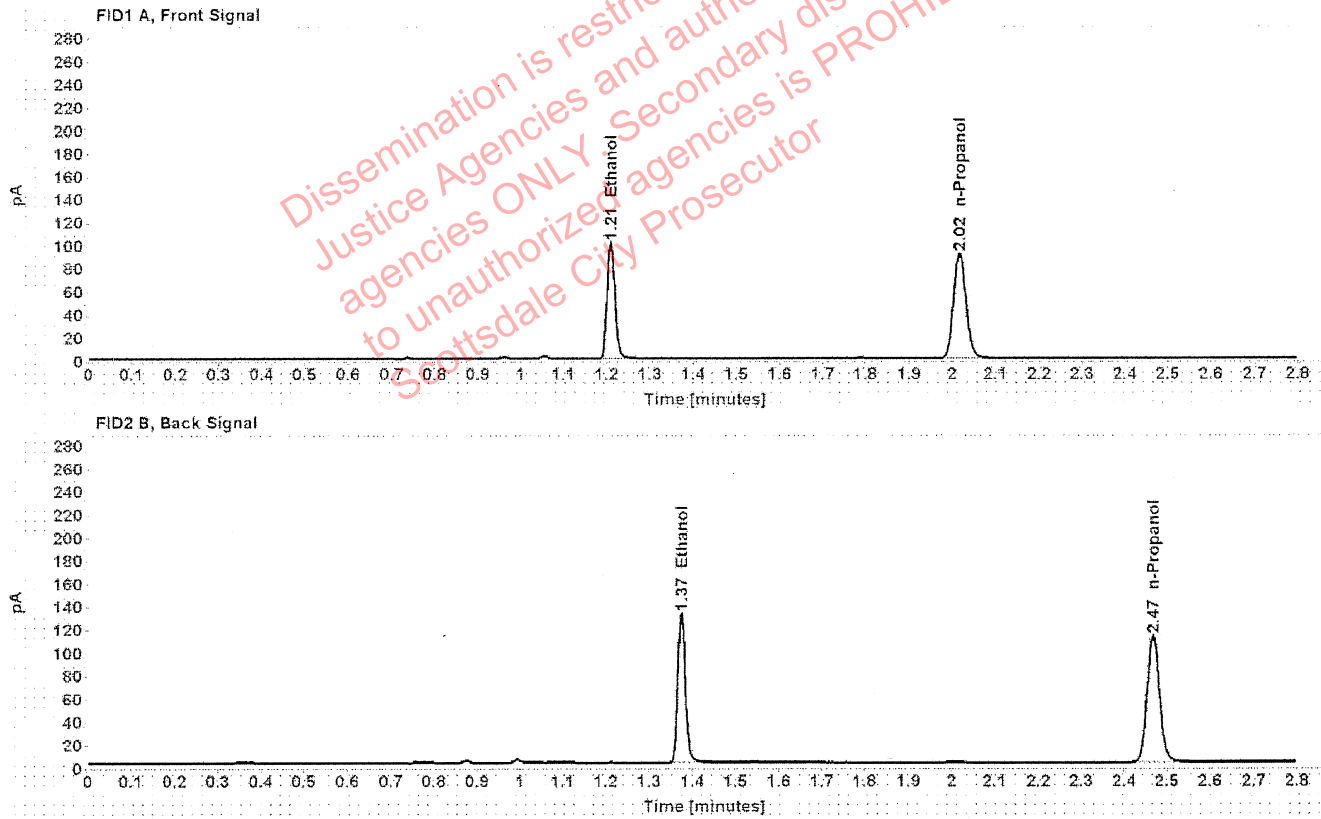


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.210	128.648
n-Propanol	-----	2.016	181.742

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.146
n-Propanol	2.468	223.186

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336885	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:30:34 PM
Data file:	C:\Chem32\1\Data\22Sep20\22.D	Analyst:	Abbott

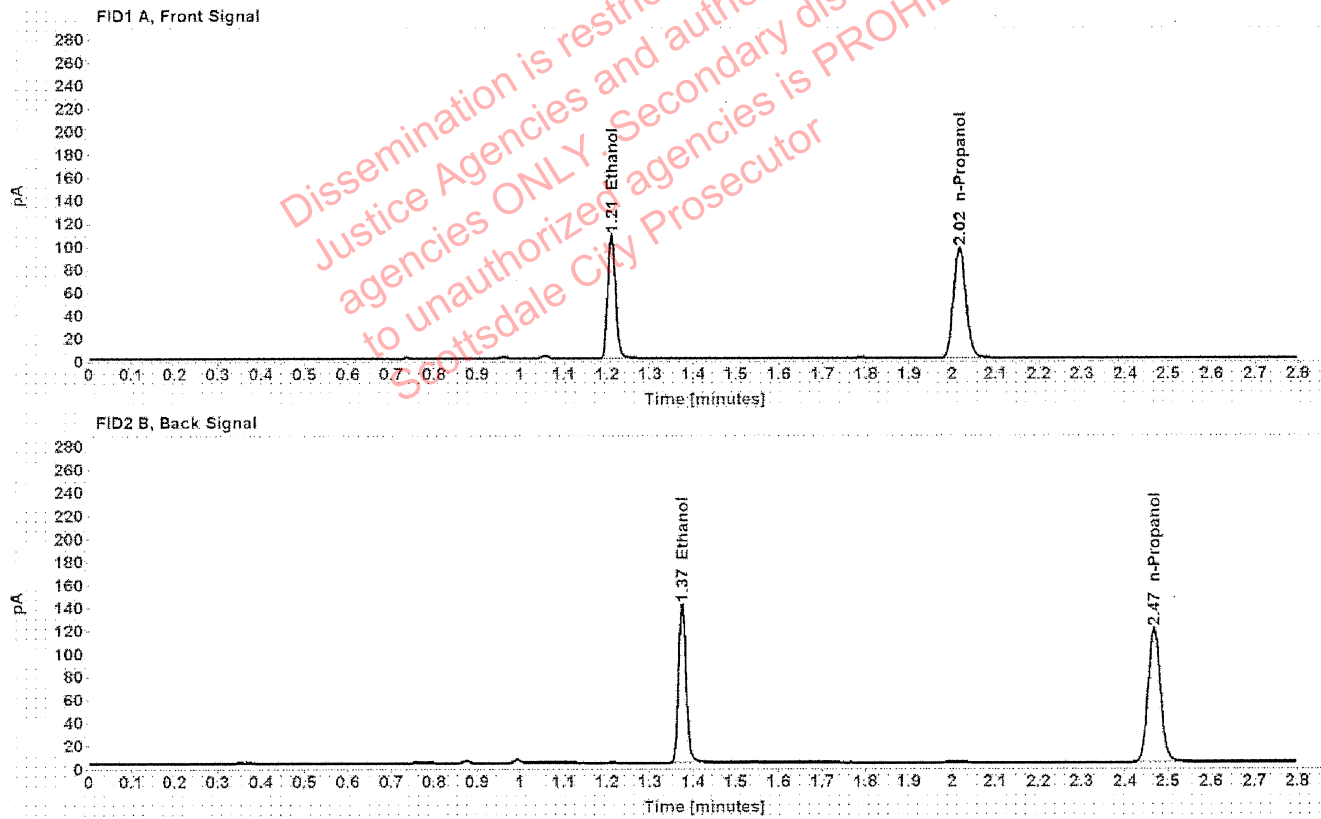


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.210	137.057
n-Propanol	-----	2.016	191.910

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

Compound	Time (min)	Peak Area
Ethanol	1.374	171.606
n-Propanol	2.468	235.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333958	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:34:34 PM
Data file:	C:\Chem32\1\Data\22Sep20\23.D	Analyst:	Abbott

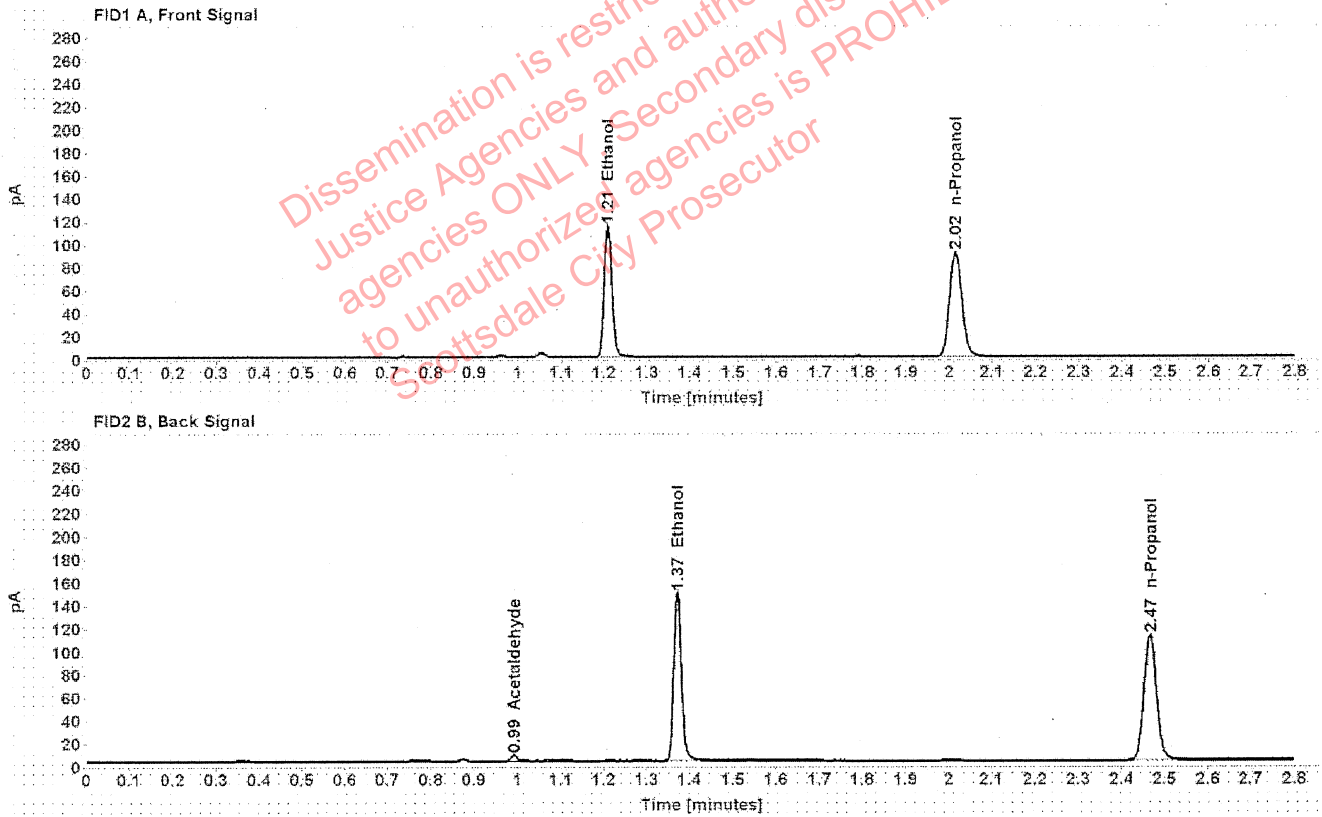


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2283	1.209	145.475
n-Propanol	-----	2.015	181.150

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.929
Ethanol	1.373	181.338
n-Propanol	2.466	222.659

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333958	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:38:33 PM
Data file:	C:\Chem32\1\Data\22Sep20\24.D	Analyst:	Abbott

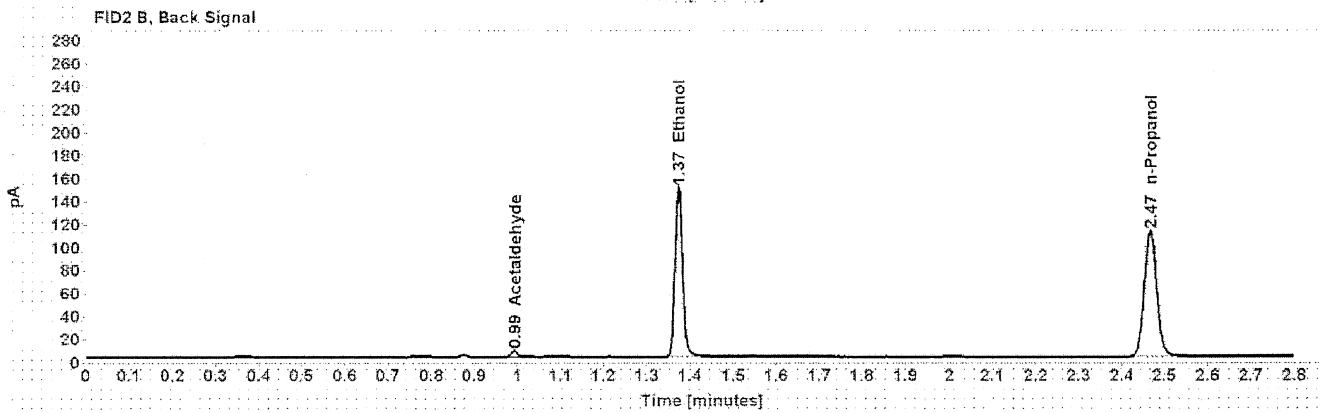
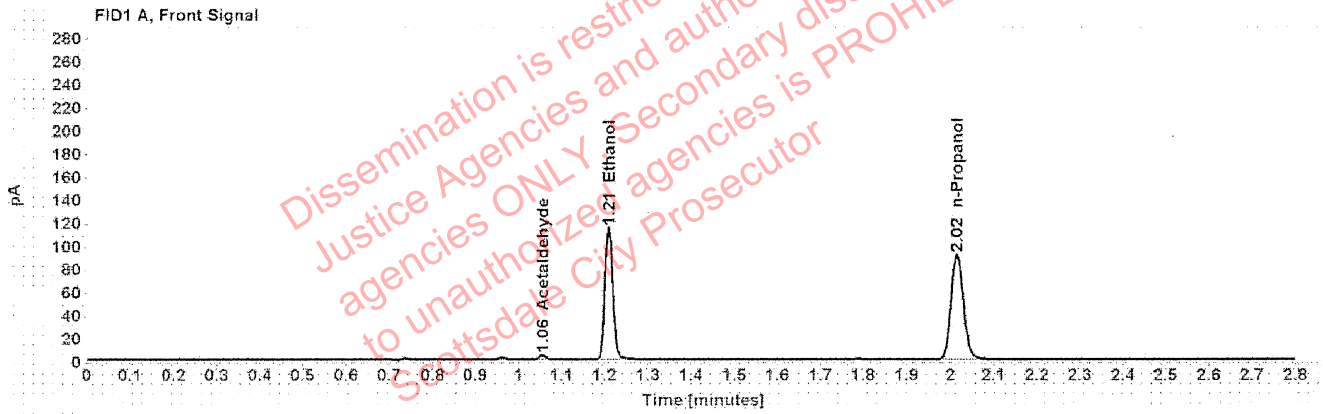


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.784
>Ethanol	0.2284	1.209	145.939
n-Propanol	-----	2.015	181.665

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.976
Ethanol	1.373	182.977
n-Propanol	2.467	223.317

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336460	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:42:50 PM
Data file:	C:\Chem32\1\Data\22Sep20\25.D	Analyst:	Abbott

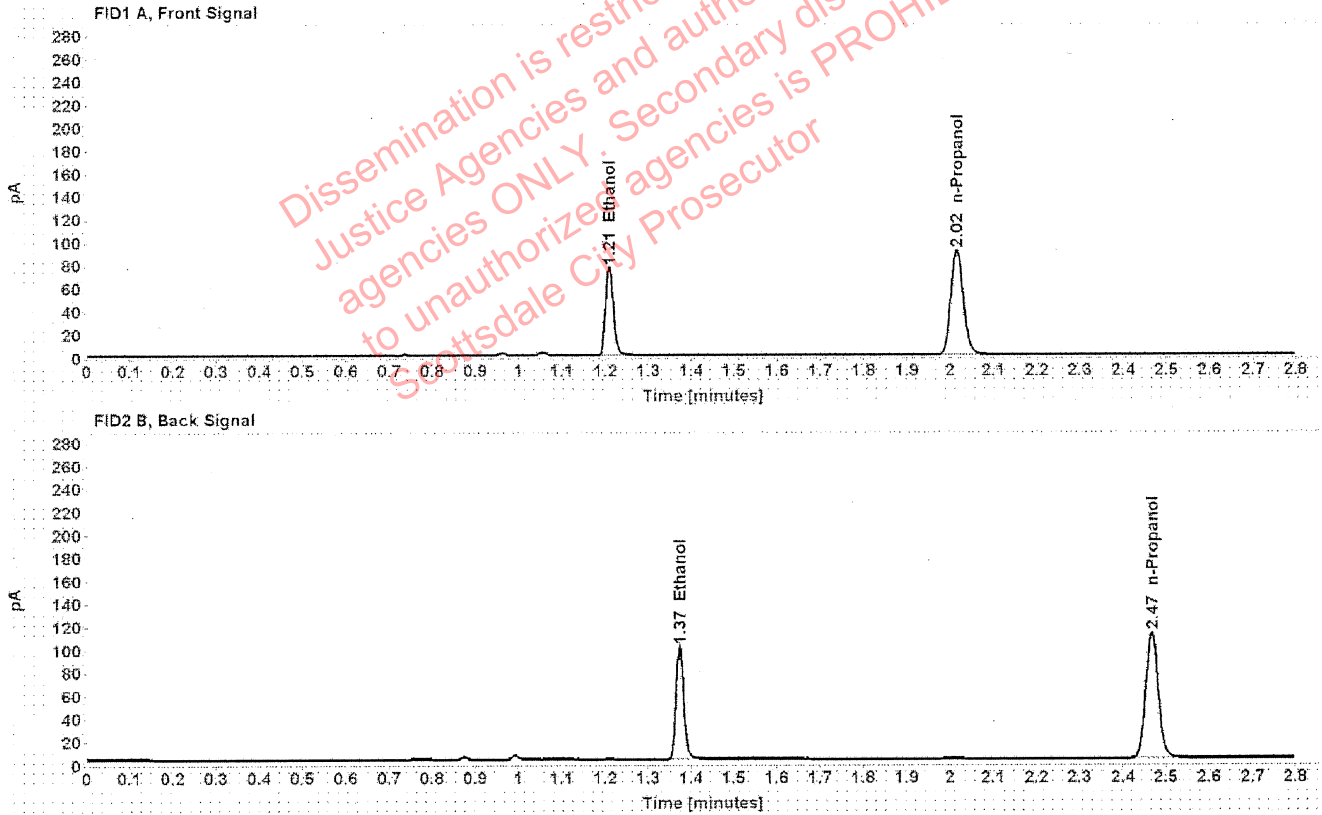


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.209	98.051
n-Propanol	-----	2.015	182.524

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

Compound	Time (min)	Peak Area
Ethanol	1.373	122.129
n-Propanol	2.466	224.119

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336460	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:46:50 PM
Data file:	C:\Chem32\1\Data\22Sep20\26.D	Analyst:	Abbott

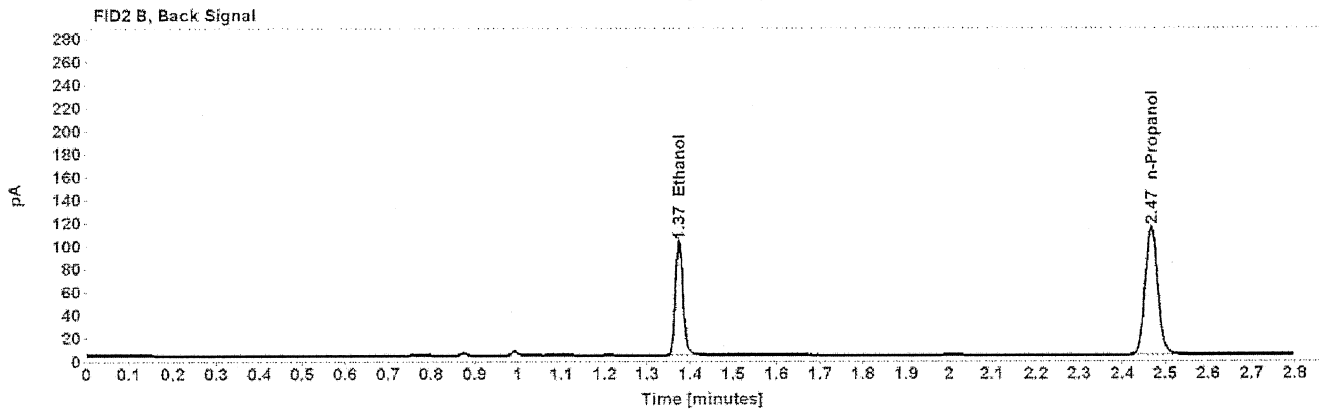
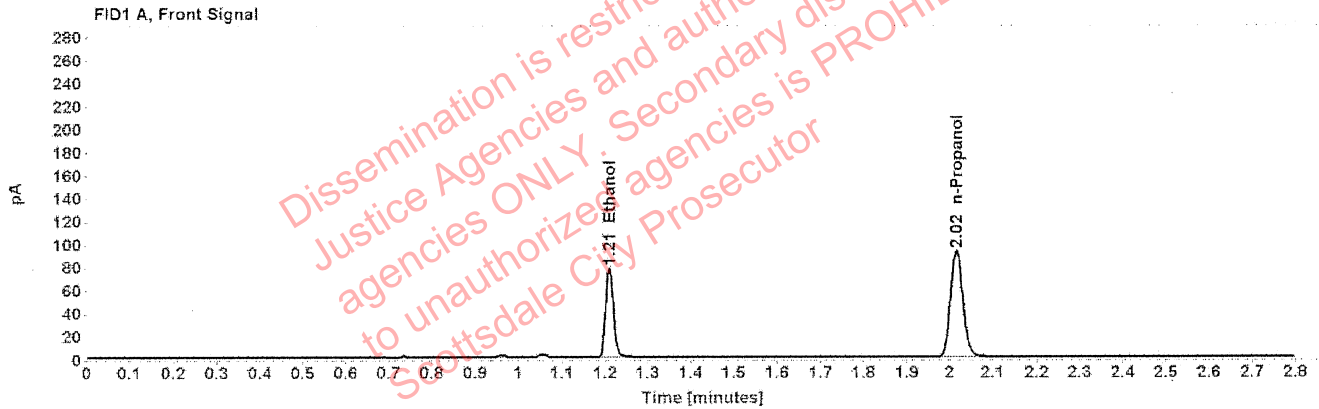


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1531	1.210	98.763
n-Propanol	-----	2.016	184.041

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.016
n-Propanol	2.467	225.978

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1335771	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:50:50 PM
Data file:	C:\Chem32\1\Data\22Sep20\27.D	Analyst:	Abbott

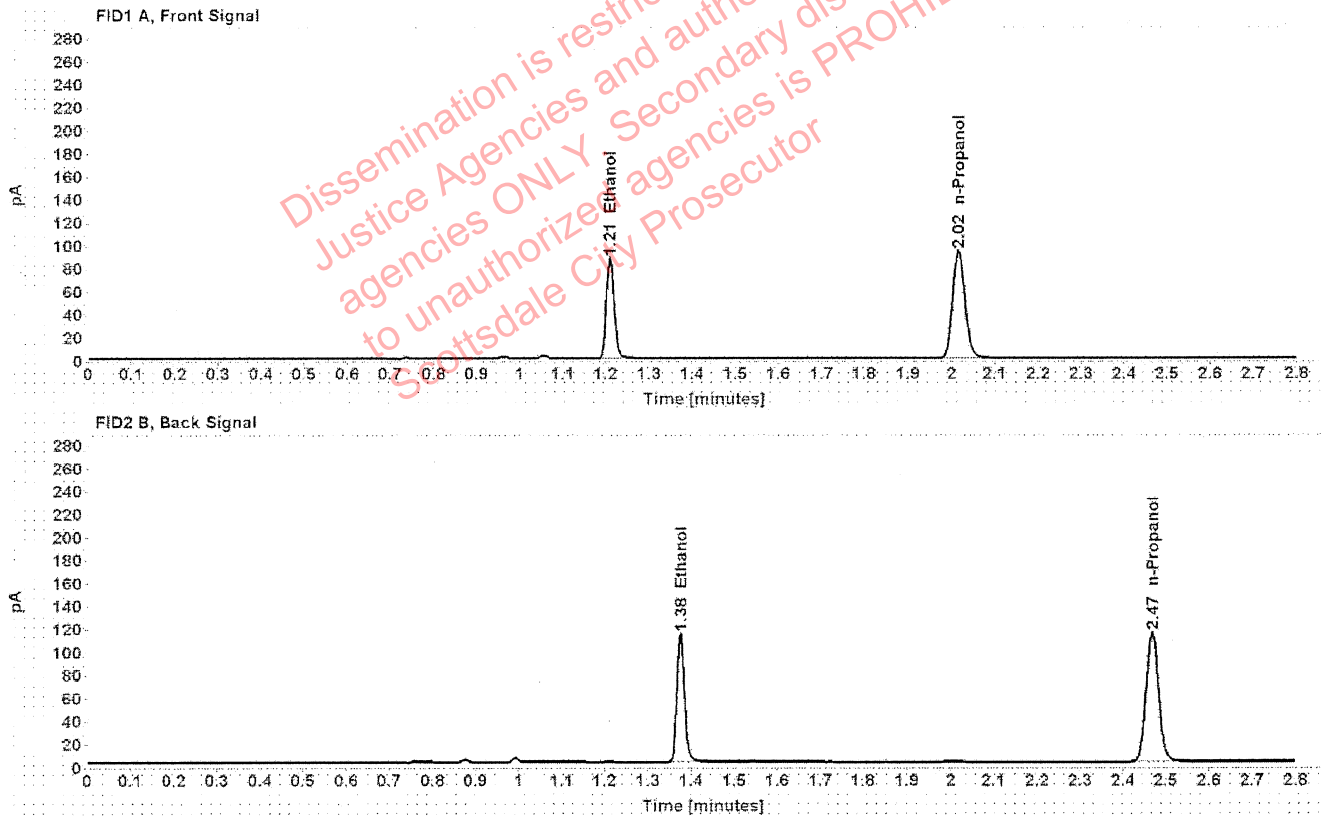


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1695	1.210	110.948
n-Propanol	-----	2.016	186.568

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

Compound	Time (min)	Peak Area
Ethanol	1.375	138.115
n-Propanol	2.468	228.806

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1335771	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:54:48 PM
Data file:	C:\Chem32\1\Data\22Sep20\28.D	Analyst:	Abbott

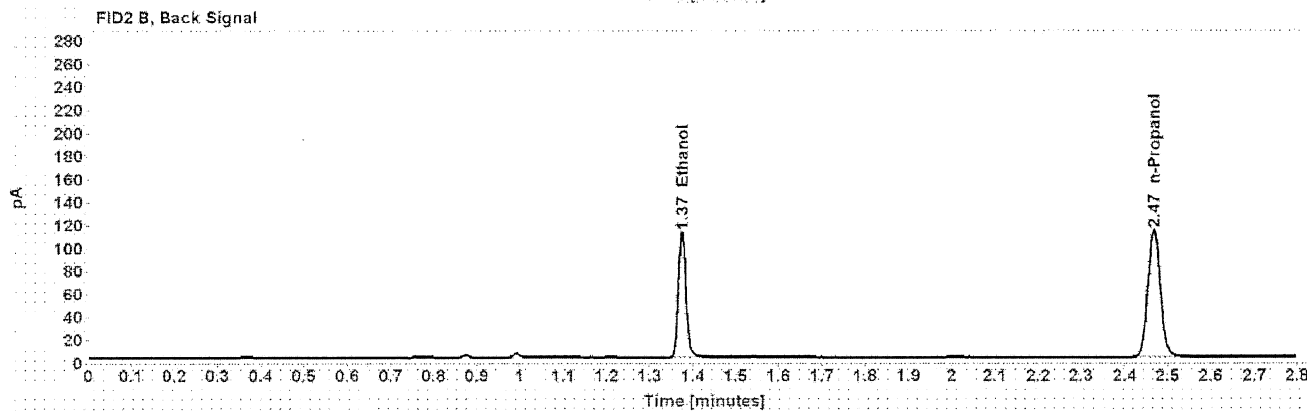
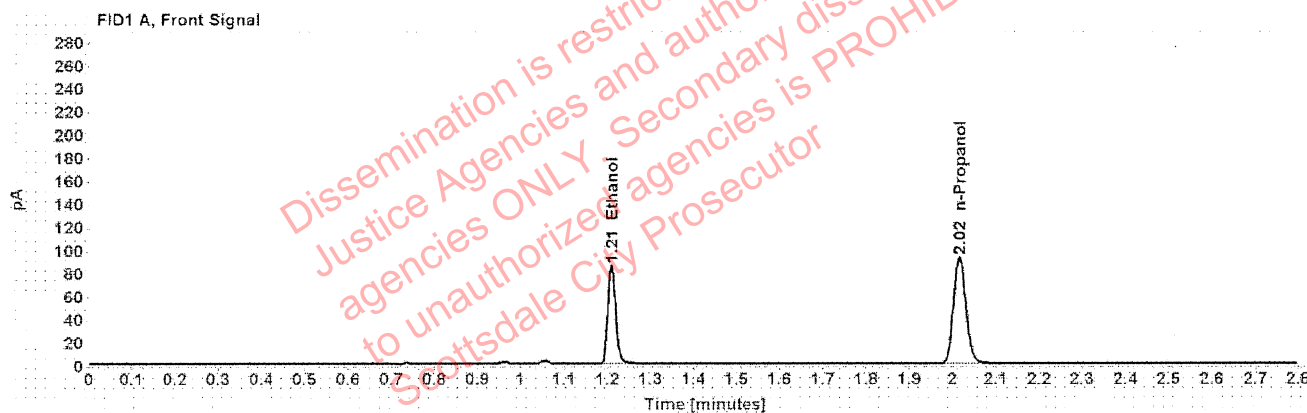


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1688	1.210	109.170
n-Propanol	-----	2.016	184.339

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.257
n-Propanol	2.467	226.214

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337926	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 1:58:49 PM
Data file:	C:\Chem32\1\Data\22Sep20\29.D	Analyst:	Abbott

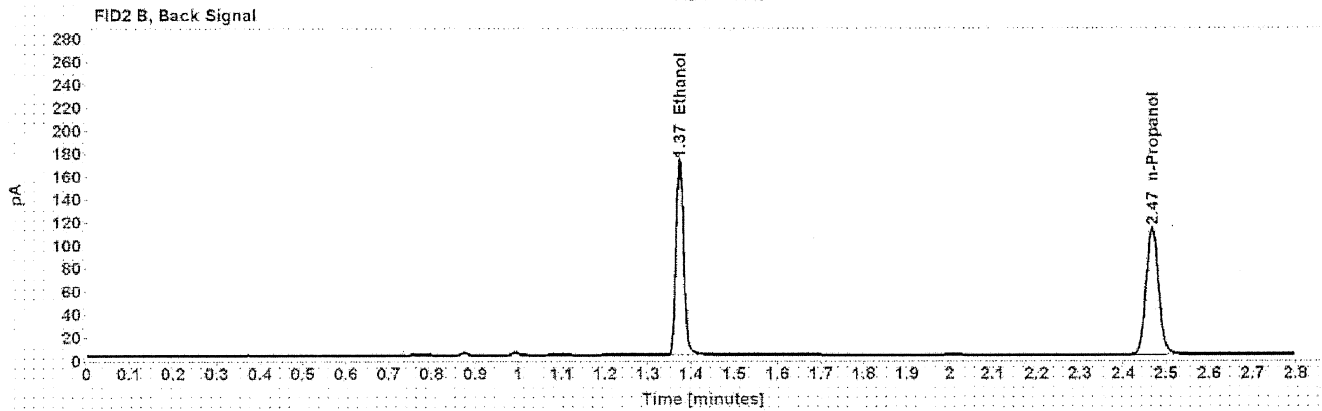
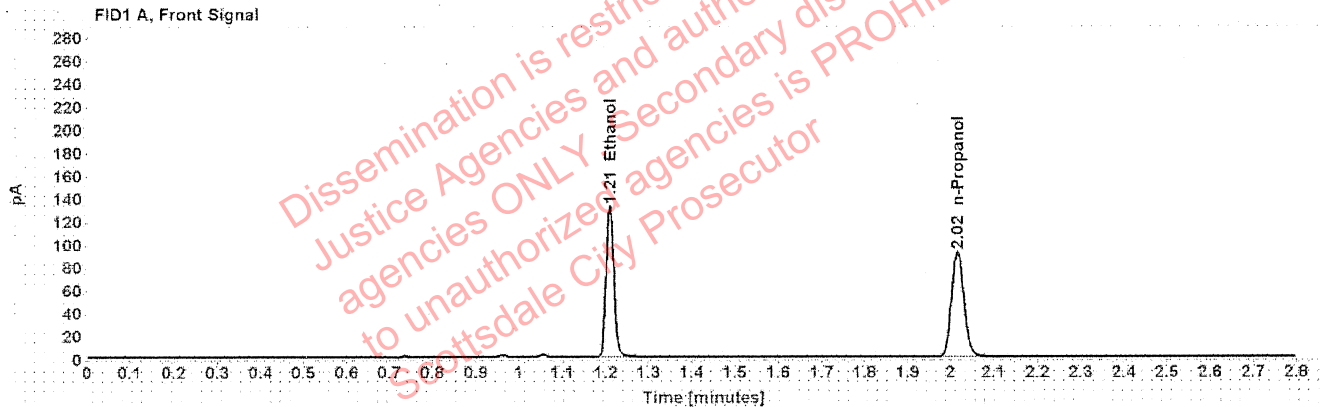


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2609	1.209	168.087
n-Propanol	-----	2.016	182.996

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

Compound	Time (min)	Peak Area
Ethanol	1.374	210.670
n-Propanol	2.467	224.673

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337926	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:02:50 PM
Data file:	C:\Chem32\1\Data\22Sep20\30.D	Analyst:	Abbott

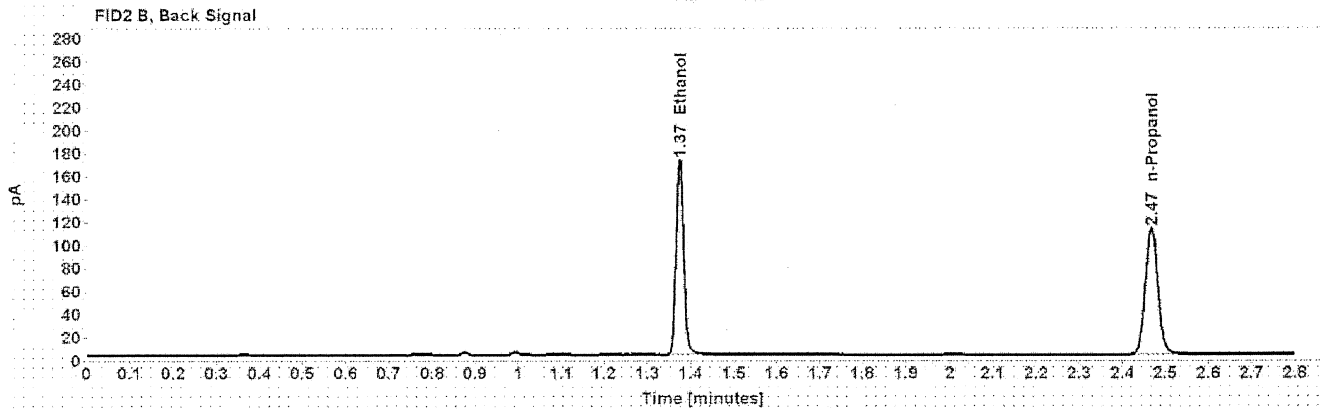
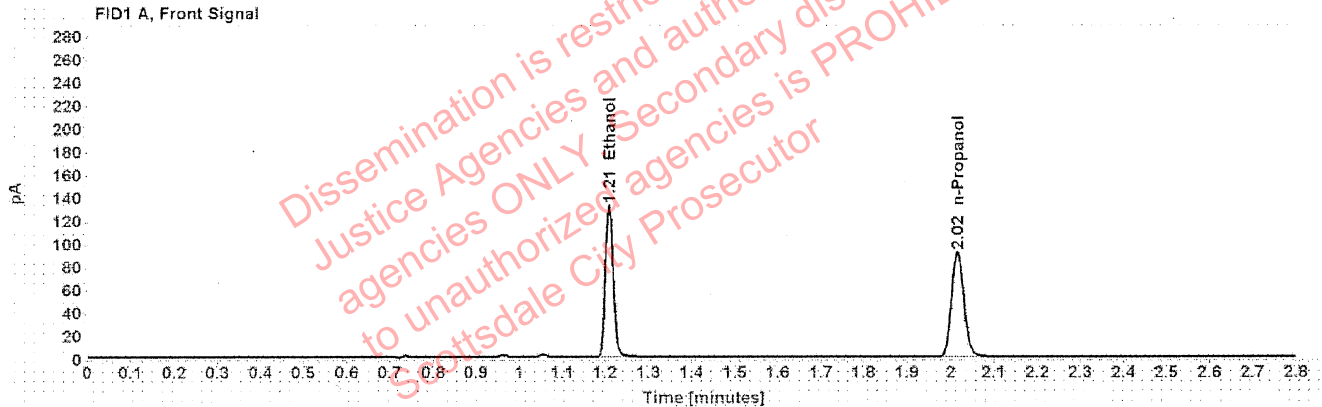


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2618	1.210	168.205
n-Propanol	-----	2.016	182.478

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

Compound	Time (min)	Peak Area
Ethanol	1.374	210.407
n-Propanol	2.467	223.958

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336050	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:11:04 PM
Data file:	C:\Chem32\1\Data\22Sep20\32.D	Analyst:	Abbott

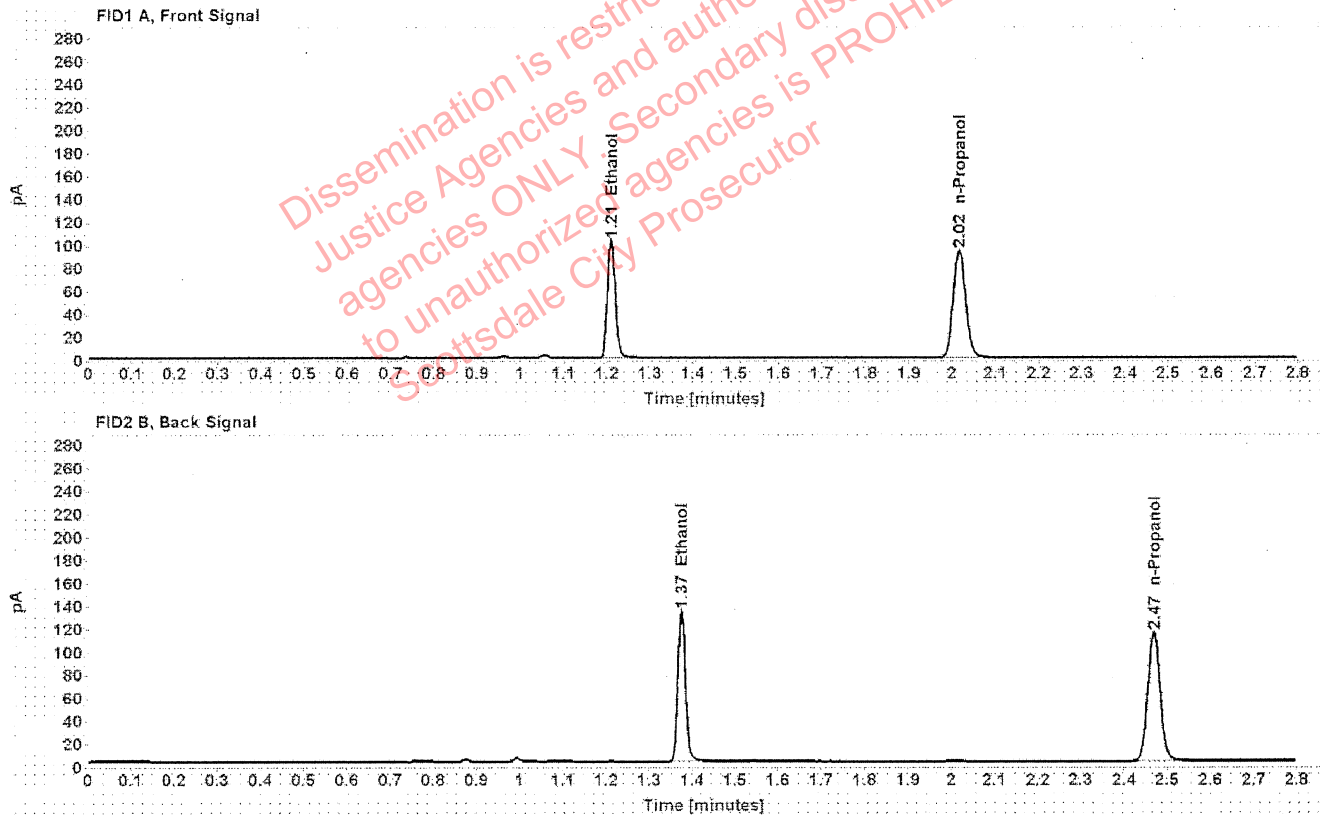


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.210	130.518
n-Propanol	-----	2.016	186.487

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

Compound	Time (min)	Peak Area
Ethanol	1.375	162.786
n-Propanol	2.468	228.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336050	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:15:03 PM
Data file:	C:\Chem32\1\Data\22Sep20\33.D	Analyst:	Abbott

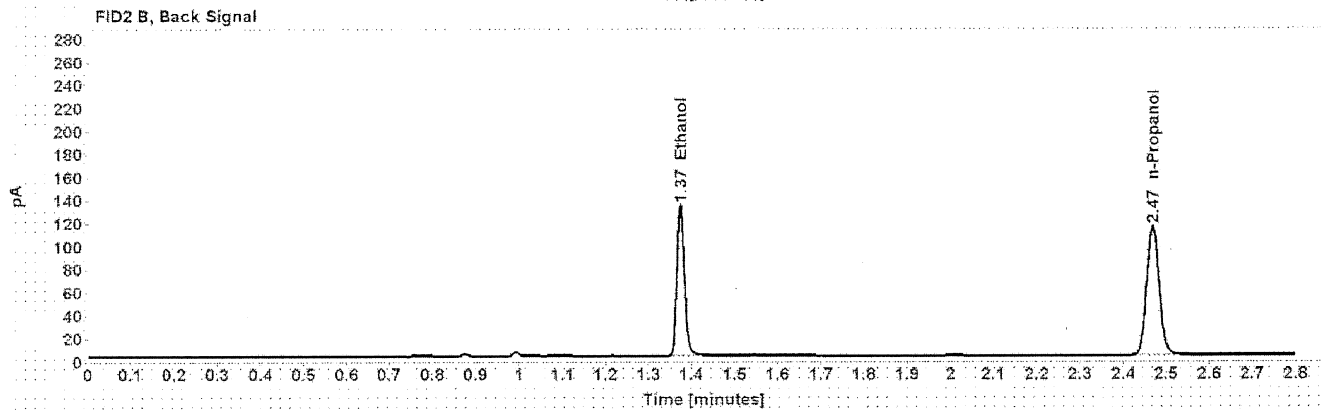
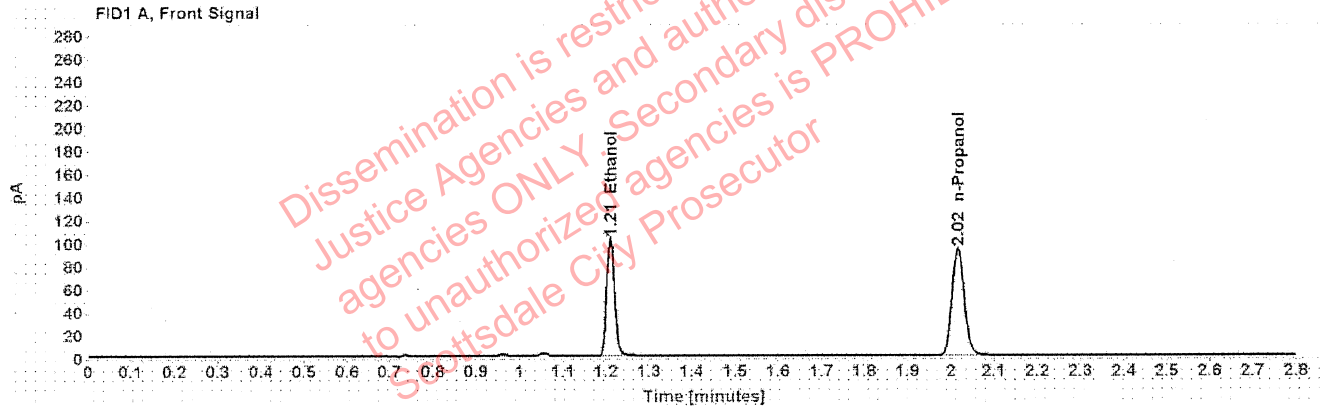


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1991	1.210	130.392
n-Propanol	-----	2.016	186.361

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

Compound	Time (min)	Peak Area
Ethanol	1.375	162.324
n-Propanol	2.468	228.548

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336999	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:19:04 PM
Data file:	C:\Chem32\1\Data\22Sep20\34.D	Analyst:	Abbott

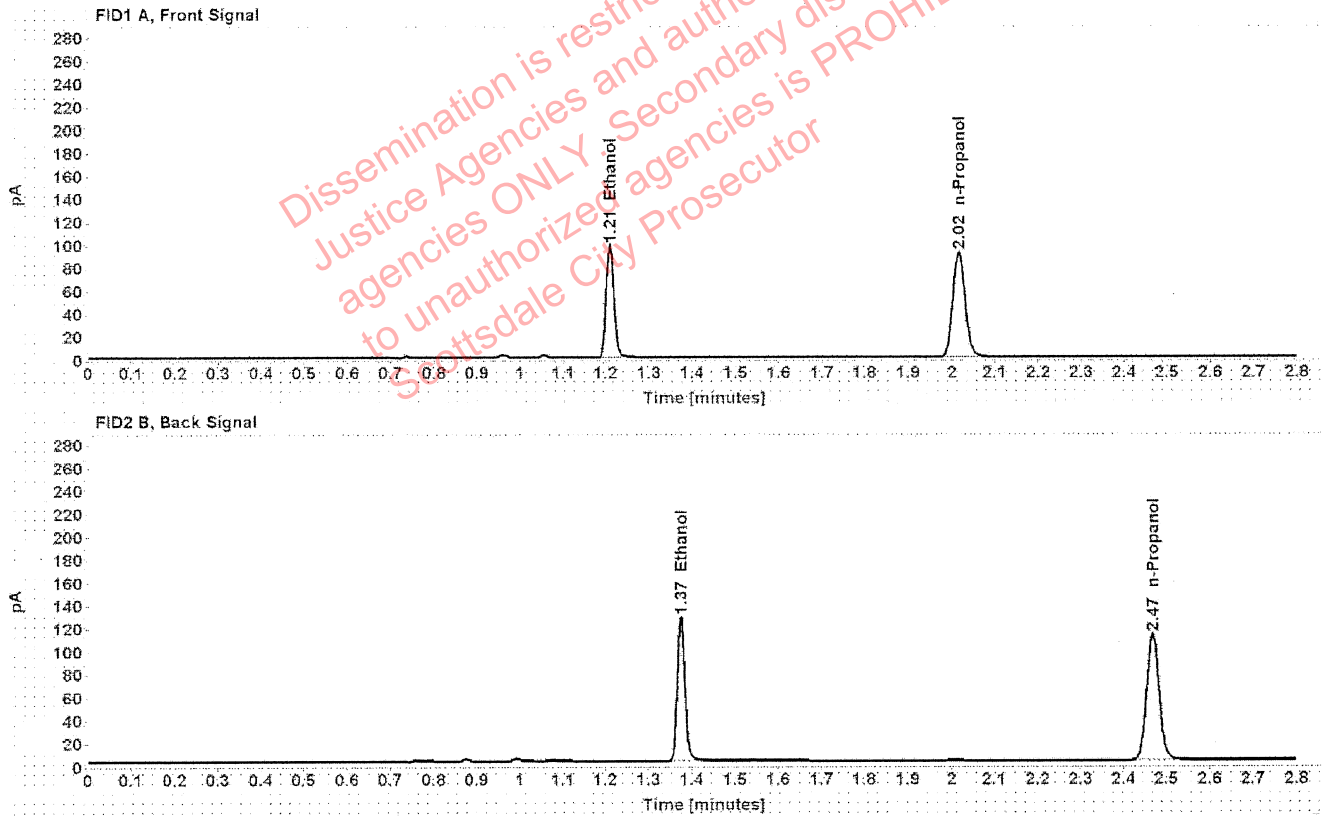


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1942	1.210	124.908
n-Propanol	-----	2.016	183.076

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.259
n-Propanol	2.468	224.248

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336999	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:23:04 PM
Data file:	C:\Chem32\1\Data\22Sep20\35.D	Analyst:	Abbott

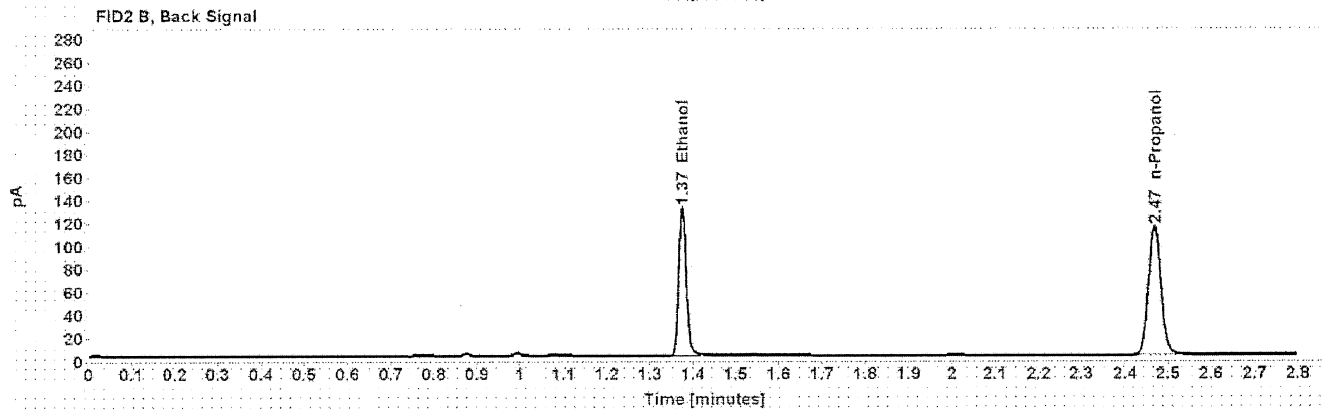
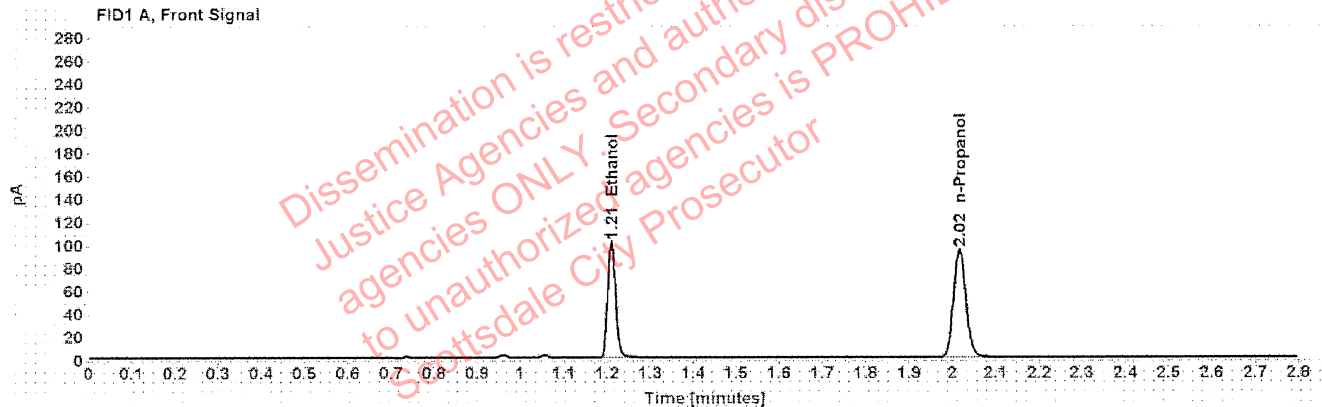


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1959	1.210	128.663
n-Propanol	-----	2.016	186.929

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

Compound	Time (min)	Peak Area
Ethanol	1.375	160.965
n-Propanol	2.468	229.057

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338832	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:27:04 PM
Data file:	C:\Chem32\1\Data\22Sep20\36.D	Analyst:	Abbott

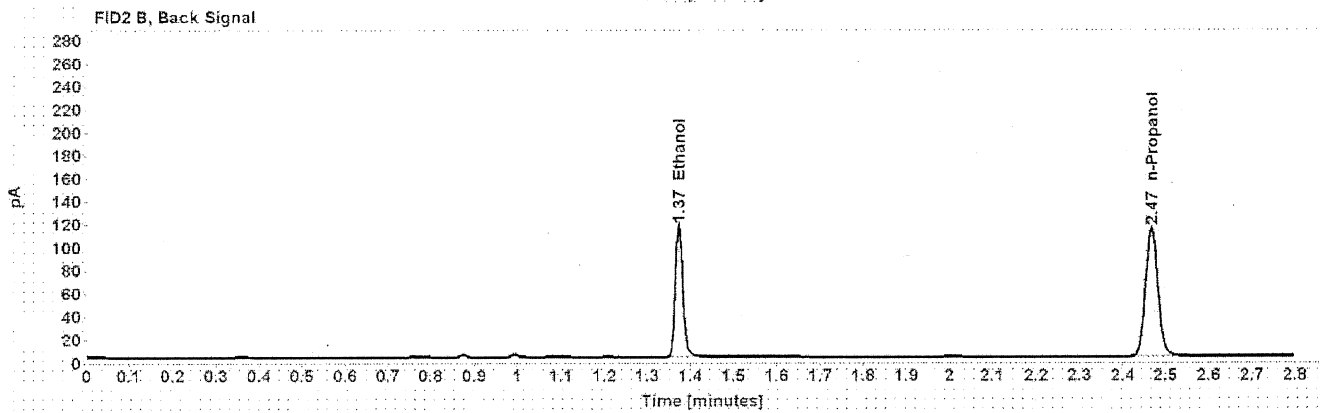
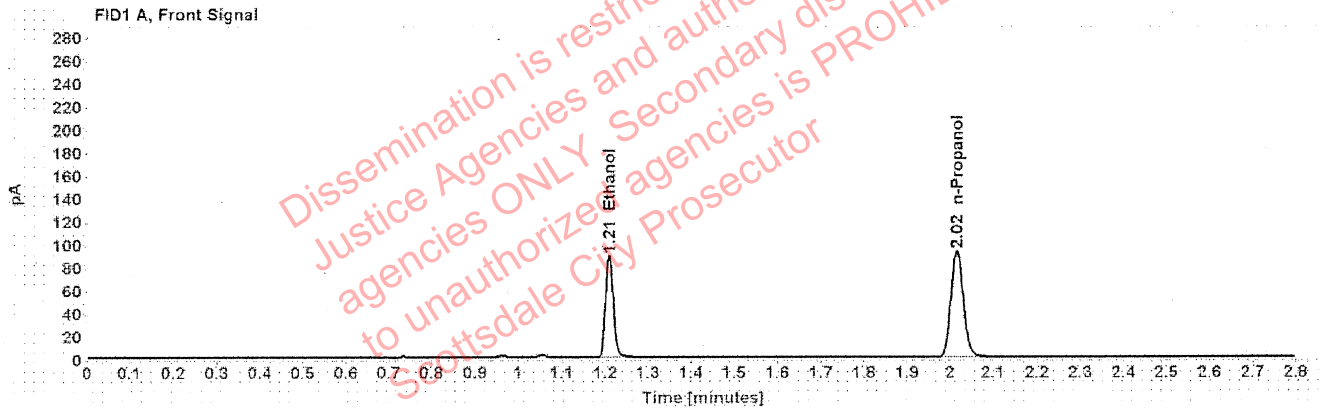


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1745	1.209	113.608
n-Propanol	-----	2.015	185.496

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

Compound	Time (min)	Peak Area
Ethanol	1.373	141.637
n-Propanol	2.467	227.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338832	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:31:19 PM
Data file:	C:\Chem32\1\Data\22Sep20\37.D	Analyst:	Abbott

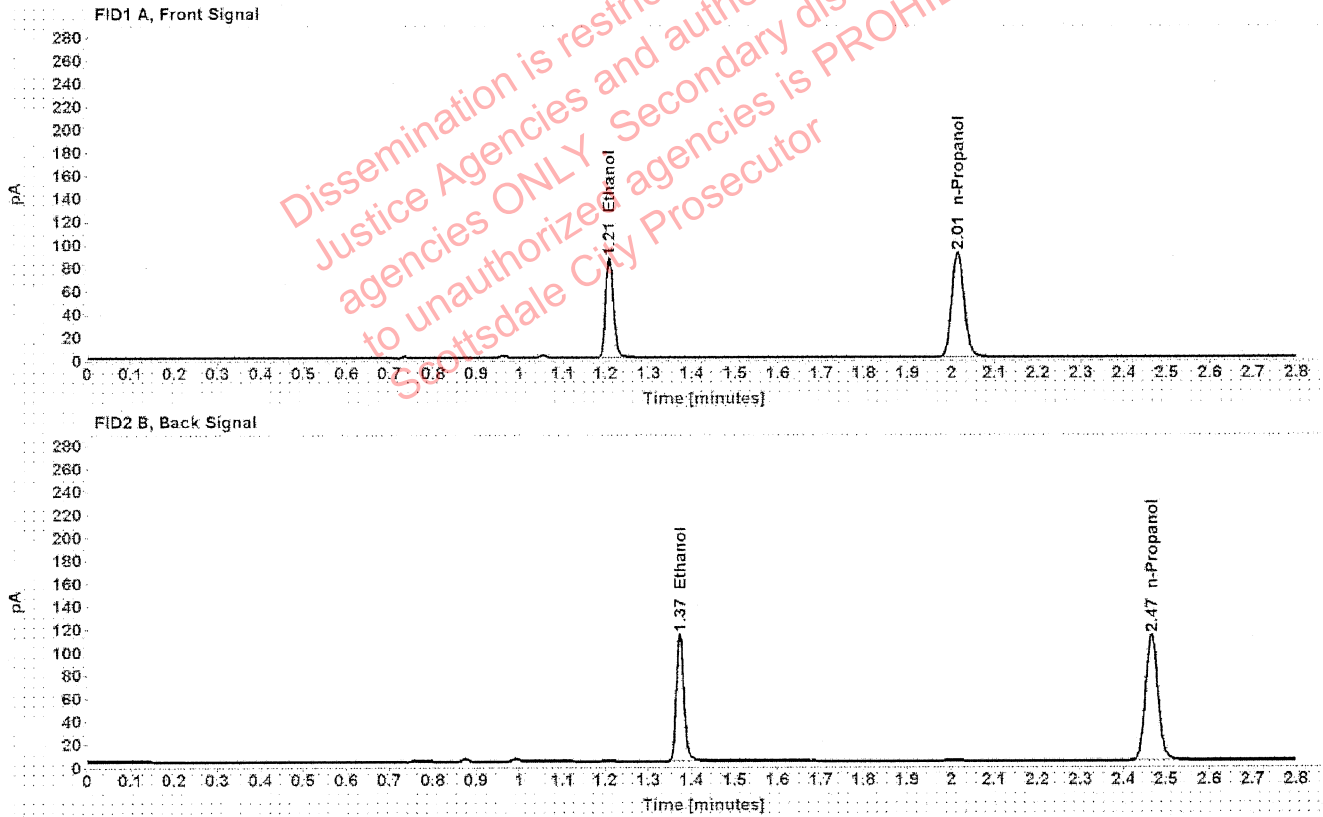


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1735	1.209	110.774
n-Propanol	-----	2.015	181.969

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

Compound	Time (min)	Peak Area
Ethanol	1.373	138.414
n-Propanol	2.466	222.746

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310984	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:35:19 PM
Data file:	C:\Chem32\1\Data\22Sep20\38.D	Analyst:	Abbott

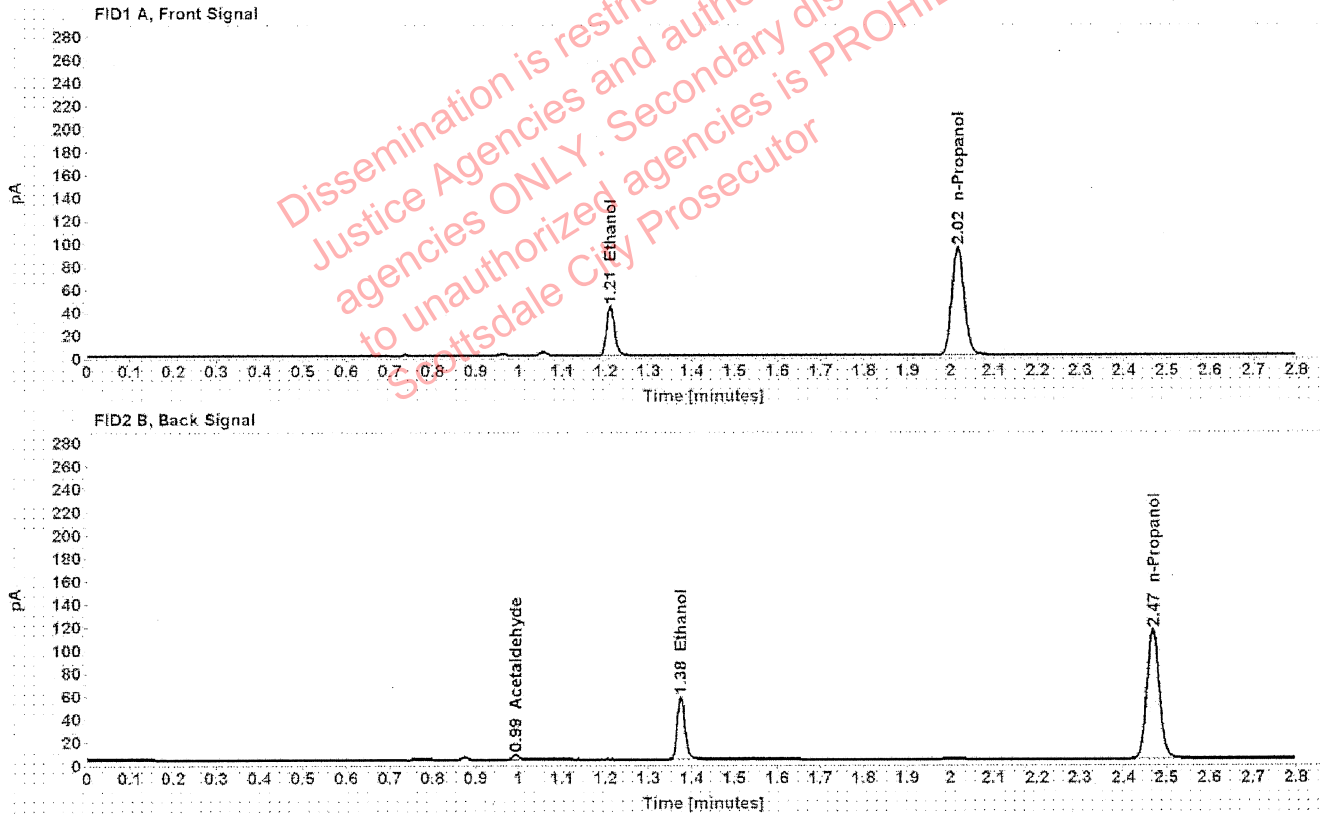


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0848	1.211	55.054
n-Propanol	-----	2.016	186.929

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.398
Ethanol	1.375	68.306
n-Propanol	2.468	229.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310984	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:39:19 PM
Data file:	C:\Chem32\1\Data\22Sep20\39.D	Analyst:	Abbott

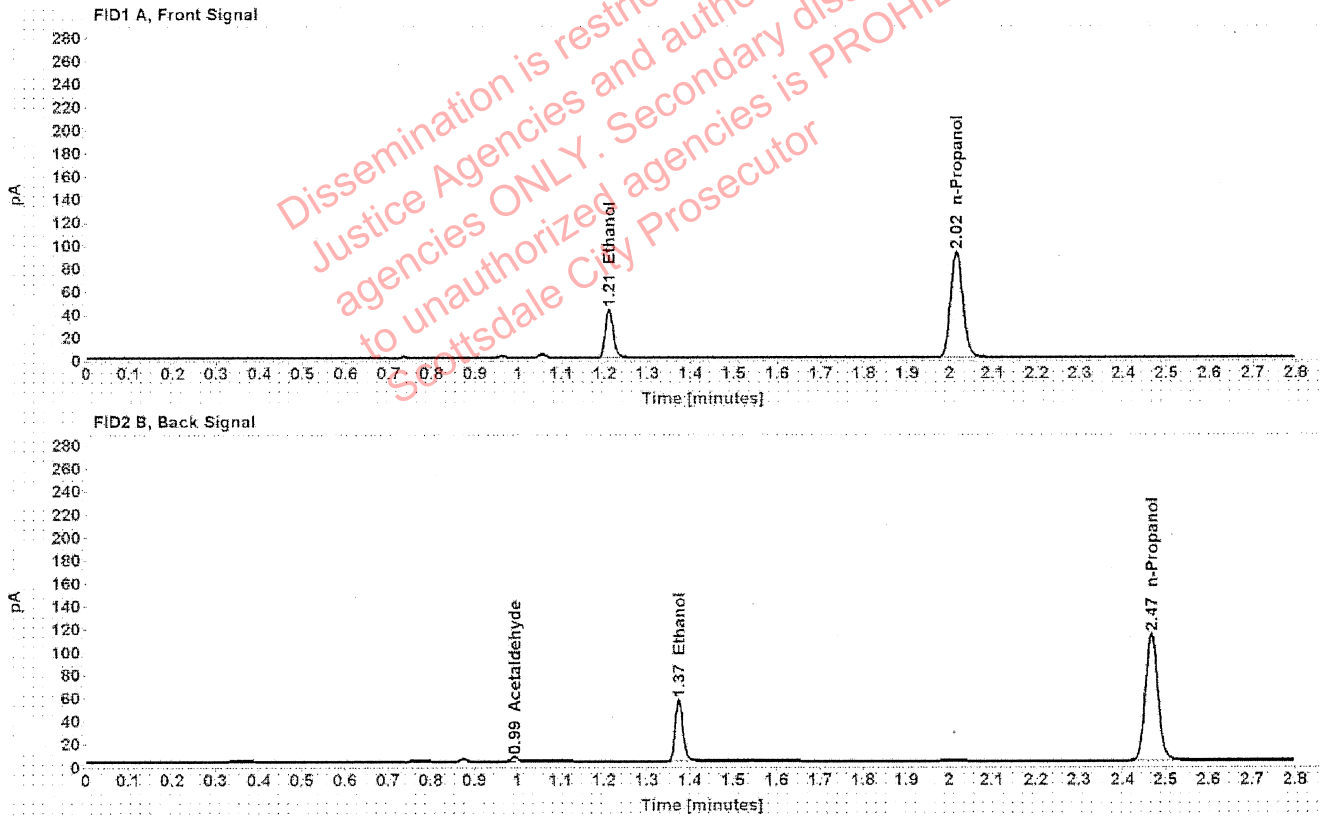


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0843	1.210	53.854
n-Propanol	-----	2.015	184.030

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.322
Ethanol	1.374	66.870
n-Propanol	2.467	225.992

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1306162	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:43:19 PM
Data file:	C:\Chem32\1\Data\22Sep20\40.D	Analyst:	Abbott

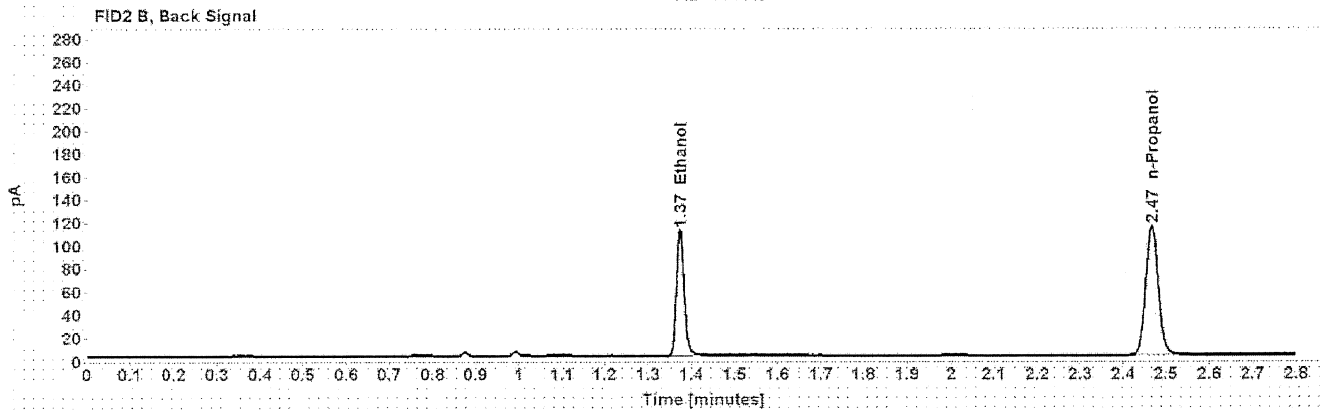
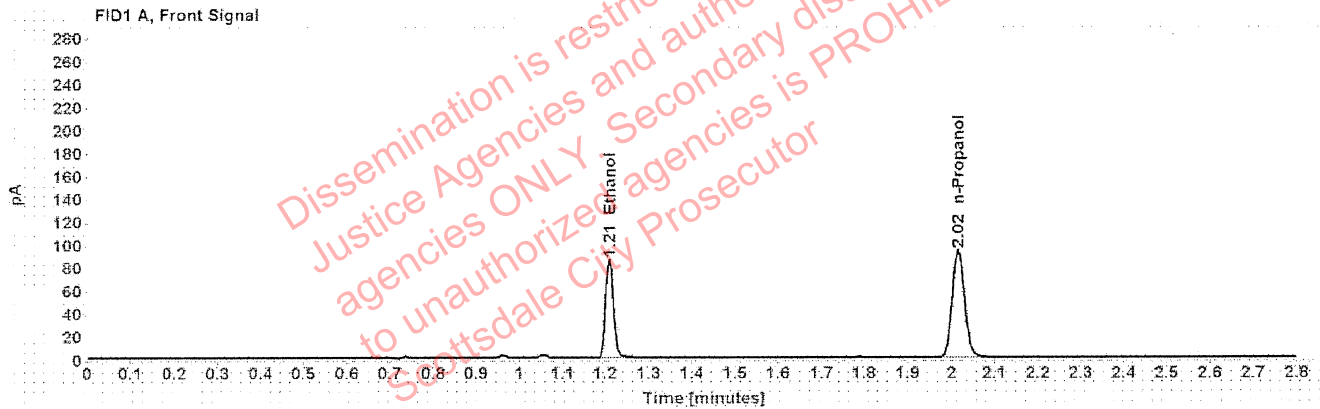


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1666	1.209	109.048
n-Propanol	-----	2.015	186.586

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

Compound	Time (min)	Peak Area
Ethanol	1.374	135.954
n-Propanol	2.467	229.280

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1306162	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/22/2020 2:47:19 PM
Data file:	C:\Chem32\1\Data\22Sep20\41.D	Analyst:	Abbott

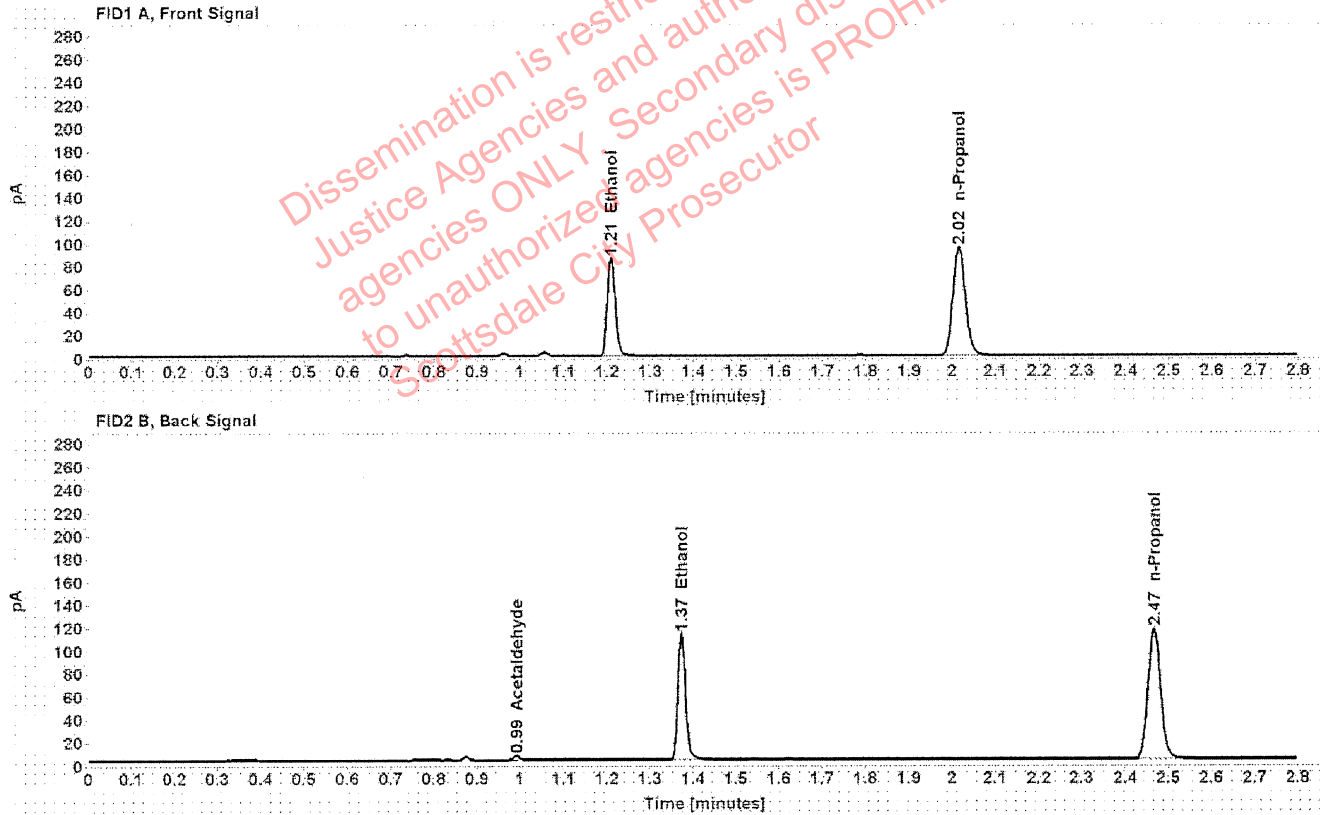


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1654	1.209	109.444
n-Propanol	-----	2.015	188.673

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.905
Ethanol	1.373	136.405
n-Propanol	2.466	232.034