

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/31/2021 SEQUENCE NAME 31Aug21

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 0.99998
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

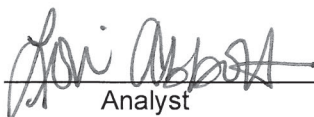
<u>Vial</u>	<u>Sample</u>	<u>Expected result</u>	<u>Measured result</u>	<u>Manufacturer/lot</u>
5	Blank	Not detected	Not detected	SPD lab 071521AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.201 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Blood control	0.200 g/dL	0.202 g/dL	ACQ 4101018274/9
51	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 11092018-A
52	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
53	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
54	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid


 Analyst

Run valid
 Run invalid


 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

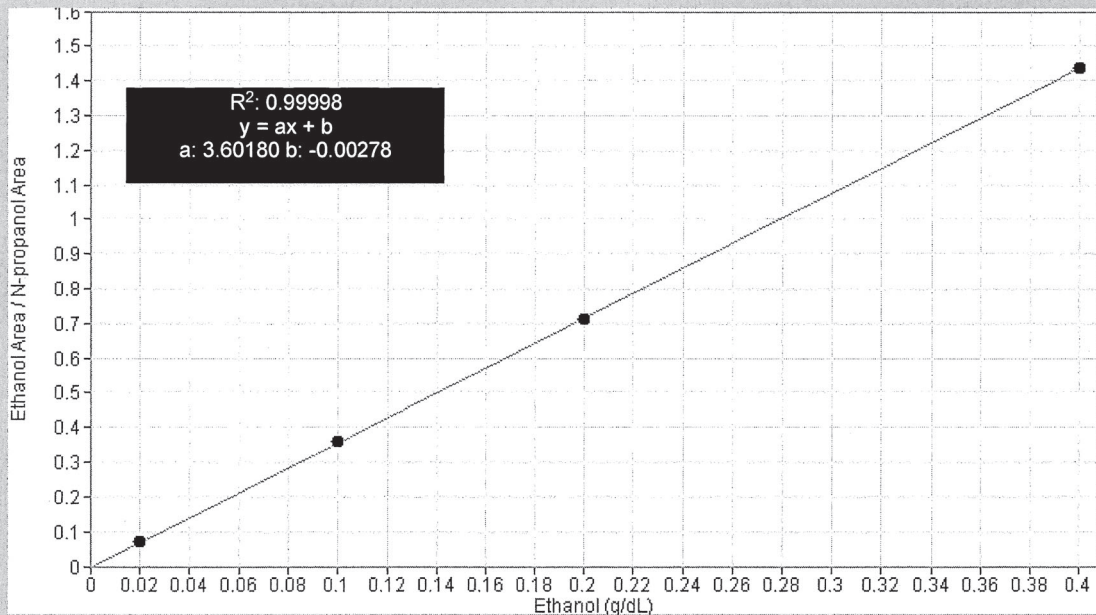
SEQUENCE NAME: 31Aug21

ANALYST: Abbott AB

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071521AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.404	0.400	1.00	0.004
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4101018274/9	9	0.201	0.200	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
0.200 4101018274/9	42	0.202	0.200	1.00	0.002
0.400 11092018-A	51	0.408	0.400	2.00	0.008
0.040 14082019-B	52	0.041	0.040	2.50	0.001
0.200 4101018274/9	53	0.203	0.200	1.50	0.003
blank 111020WB	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.824	169.506	0.070
0.100	60.801	169.351	0.359
0.200	119.573	167.421	0.714
0.400	240.745	167.277	1.439

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	31Aug21
Method:	ethanol quant.M	Injection date:	8/31/2021 2:55:37 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\31Aug21\1.D		

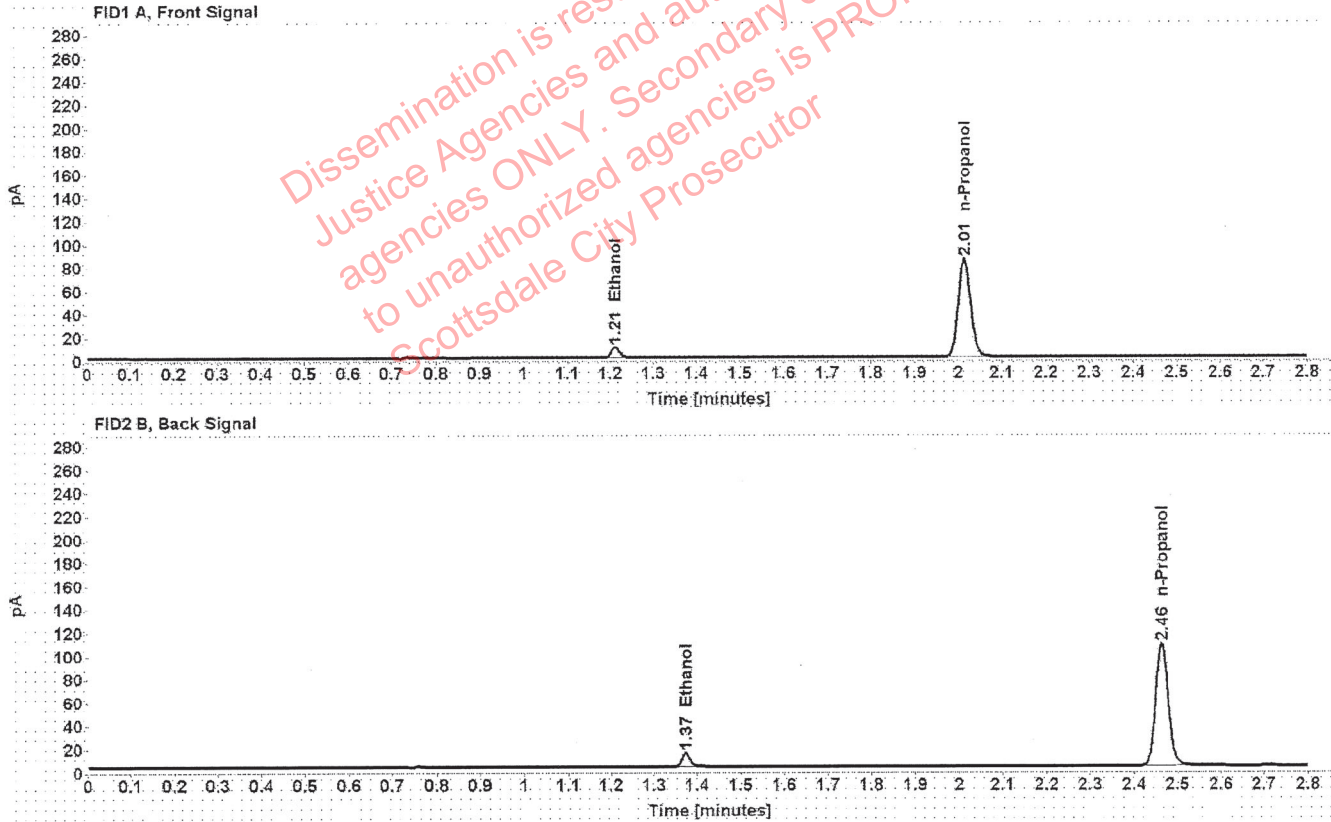


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.824
n-Propanol	2.014	169.506

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.671
n-Propanol	2.464	210.991

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	31Aug21
Method:	ethanol quant.M	Injection date:	8/31/2021 2:59:37 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>ph</i>
Data file:	C:\Chem32\1\Data\31Aug21\2.D		

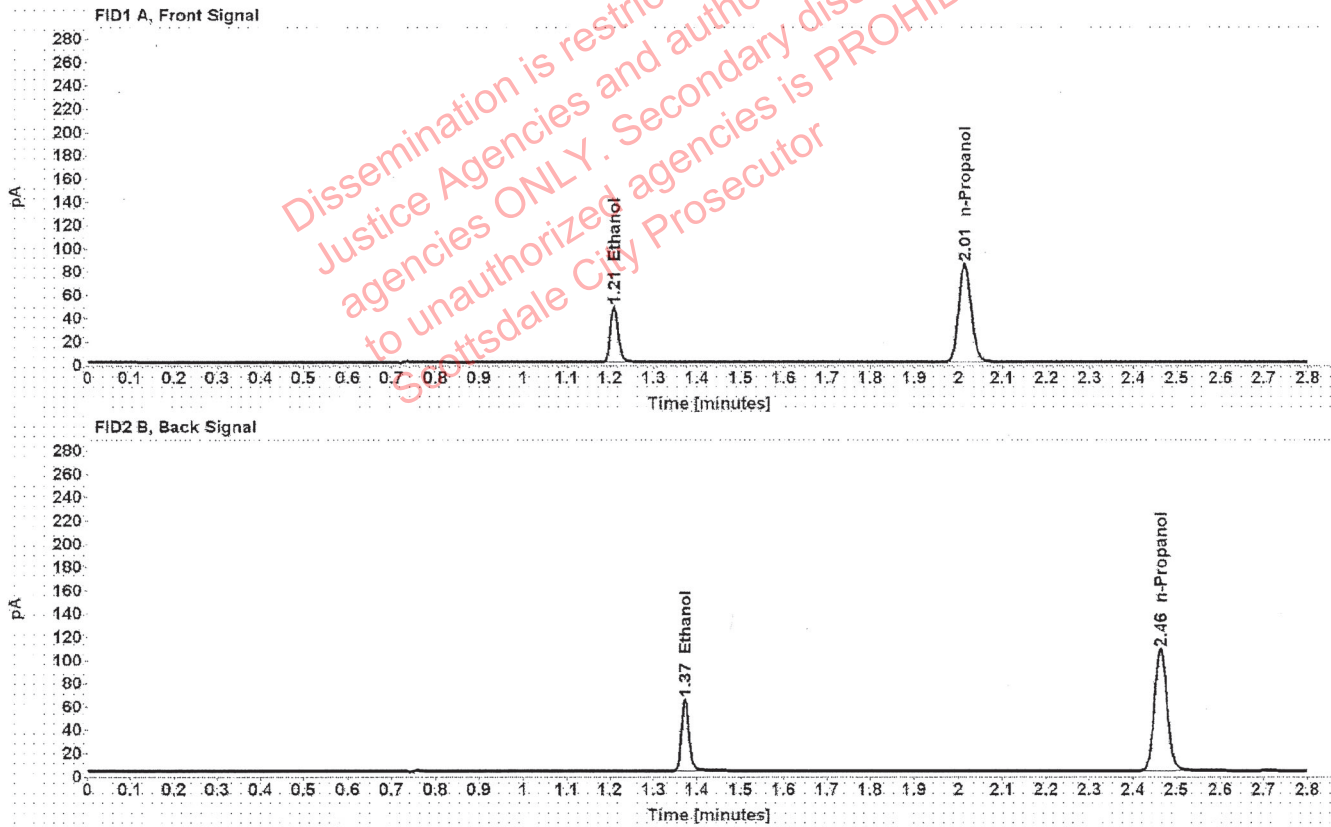


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.801
n-Propanol	2.014	169.351

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

Compound	Time (min)	Peak Area
Ethanol	1.372	75.962
n-Propanol	2.464	210.541

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	31Aug21
Method:	ethanol quant.M	Injection date:	8/31/2021 3:03:36 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>DA</i>
Data file:	C:\Chem32\1\Data\31Aug21\3.D		

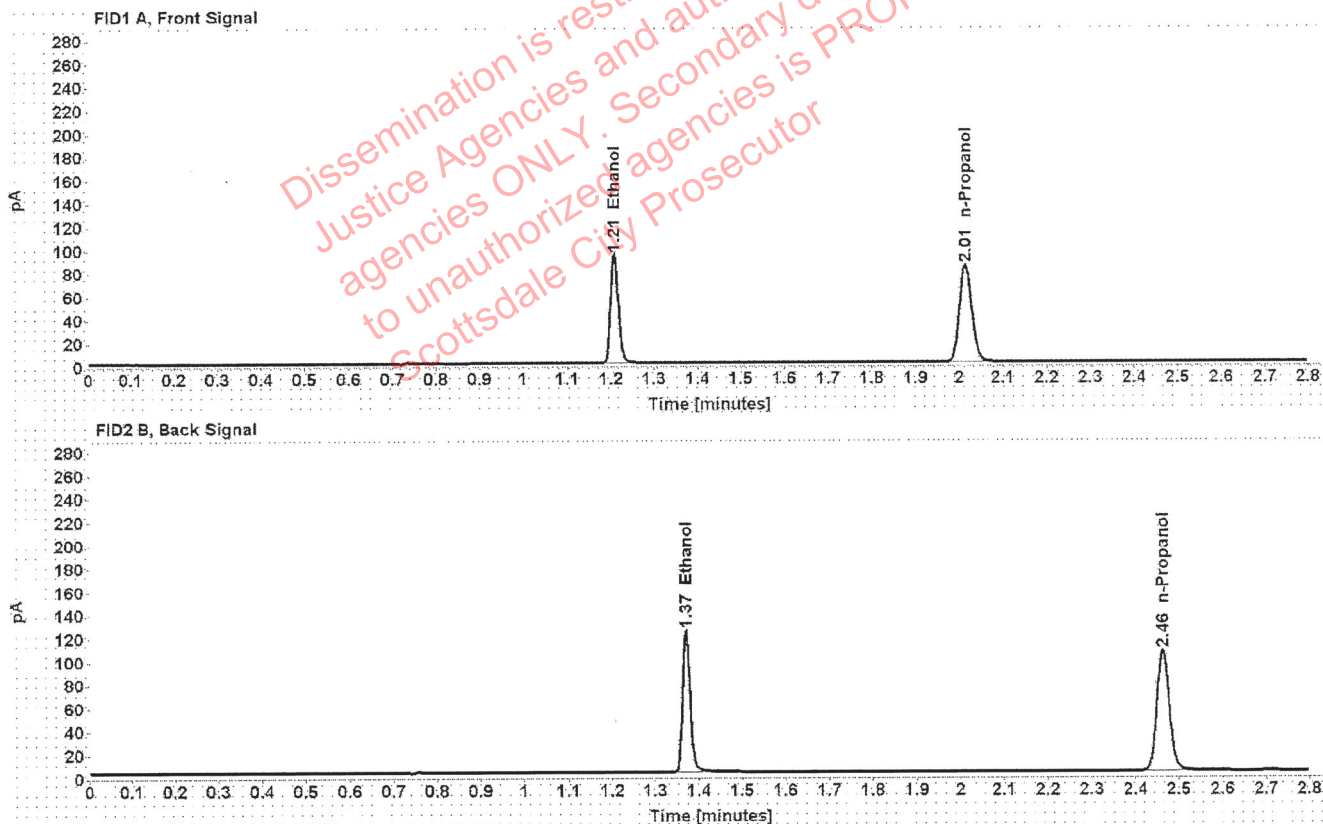


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.573
n-Propanol	2.014	167.421

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

Compound	Time (min)	Peak Area
Ethanol	1.371	149.629
n-Propanol	2.463	207.868

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	31Aug21
Method:	ethanol quant.M	Injection date:	8/31/2021 3:07:36 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>[Signature]</i>
Data file:	C:\Chem32\1\Data\31Aug21\4.D		

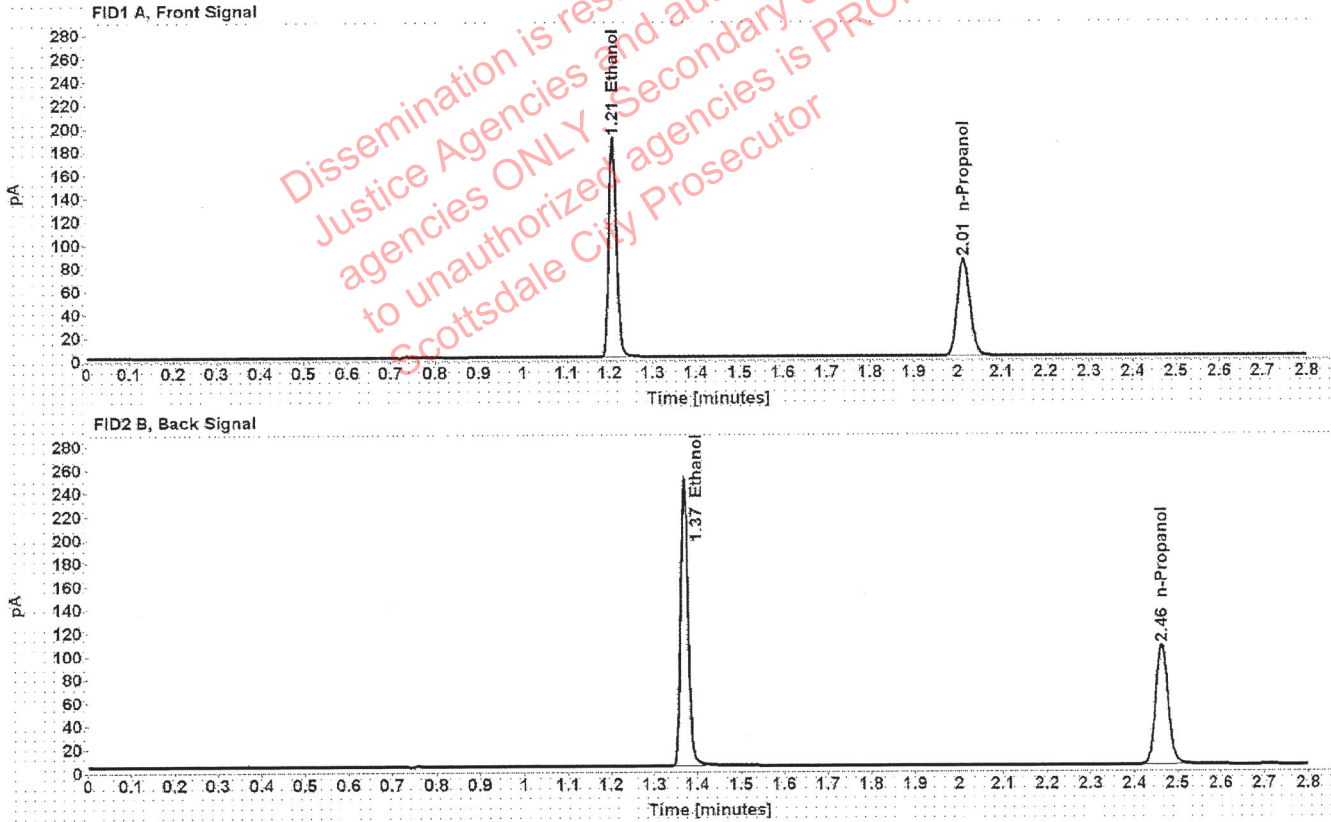


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	240.745
n-Propanol	2.014	167.277

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

Compound	Time (min)	Peak Area
Ethanol	1.371	302.210
n-Propanol	2.463	207.684

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071521AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 3:11:36 PM
Data file: C:\Chem32\1\Data\31Aug21\5.D	Analyst: Abbott <i>JA</i>

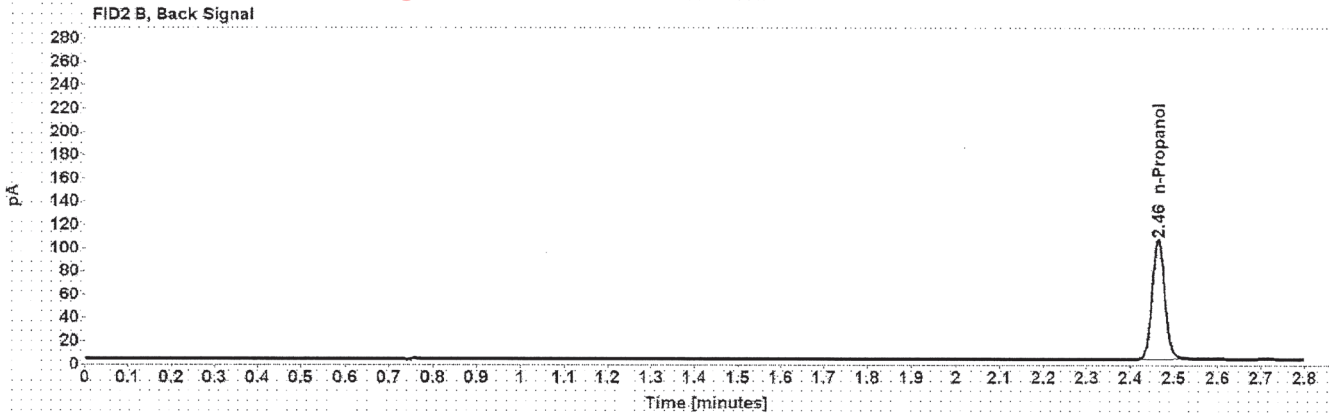
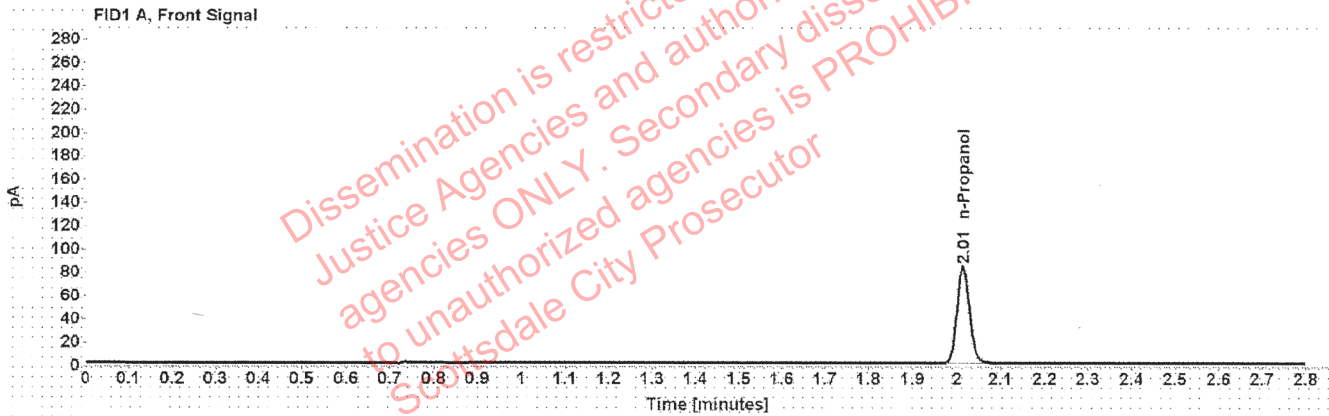


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	166.697

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

Compound	Time (min)	Peak Area
n-Propanol	2.464	206.818

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 3:15:37 PM
Data file: C:\Chem32\1\Data\31Aug21\6.D	Analyst: Abbott [Signature]

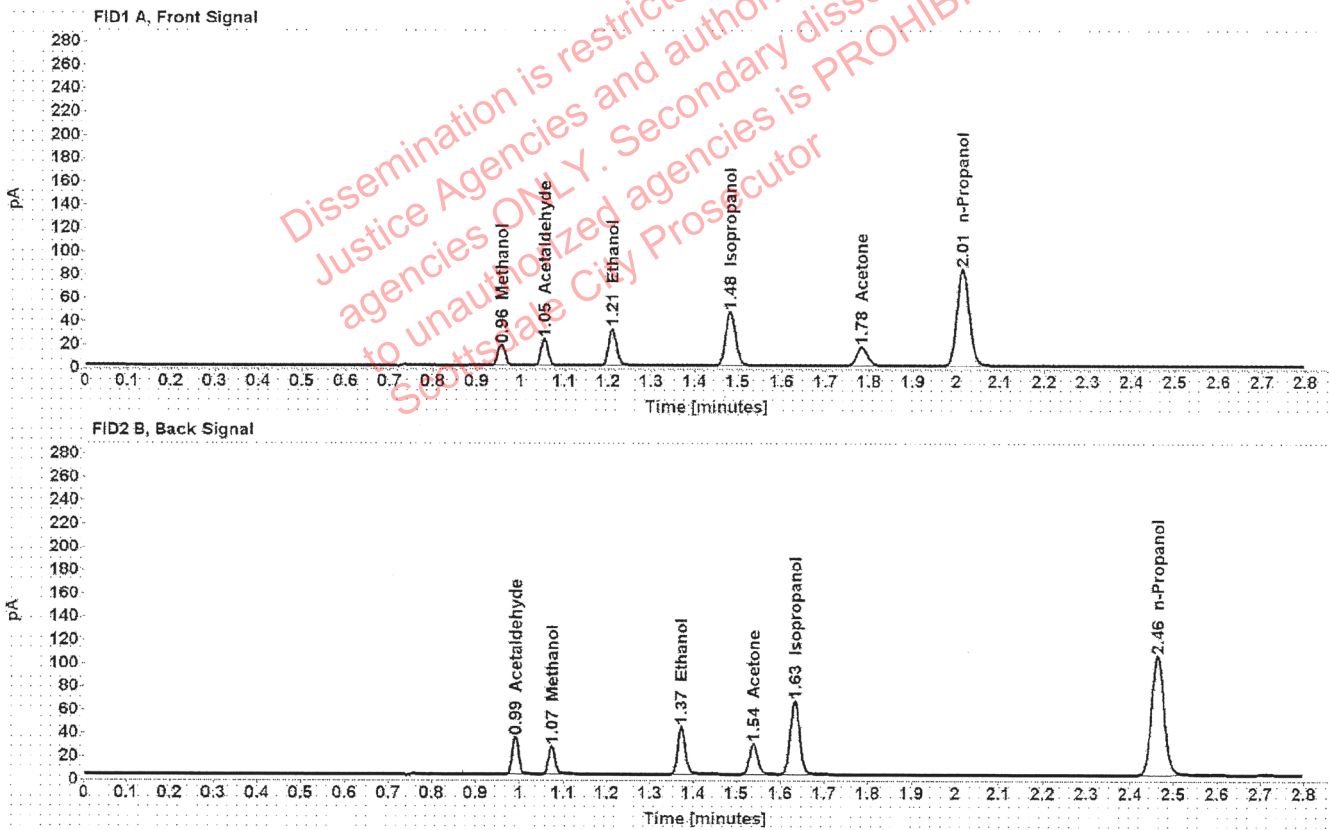


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	20.041
Acetaldehyde	-----	1.054	24.585
>Ethanol	0.0683	1.210	40.468
Isopropanol	-----	1.482	74.223
Acetone	-----	1.783	27.650
n-Propanol	-----	2.014	166.349

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	31.808
Methanol	1.074	25.735
Ethanol	1.372	50.485
Acetone	1.539	34.690
Isopropanol	1.634	94.895
n-Propanol	2.464	206.387

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 3:19:51 PM
Data file: C:\Chem32\11\Data\31Aug21\7.D	Analyst: Abbott DA

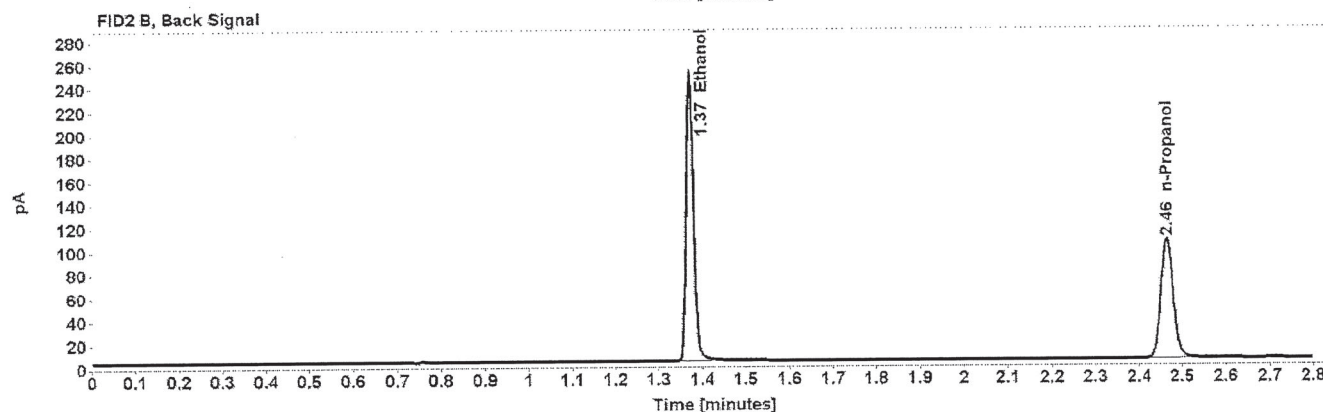
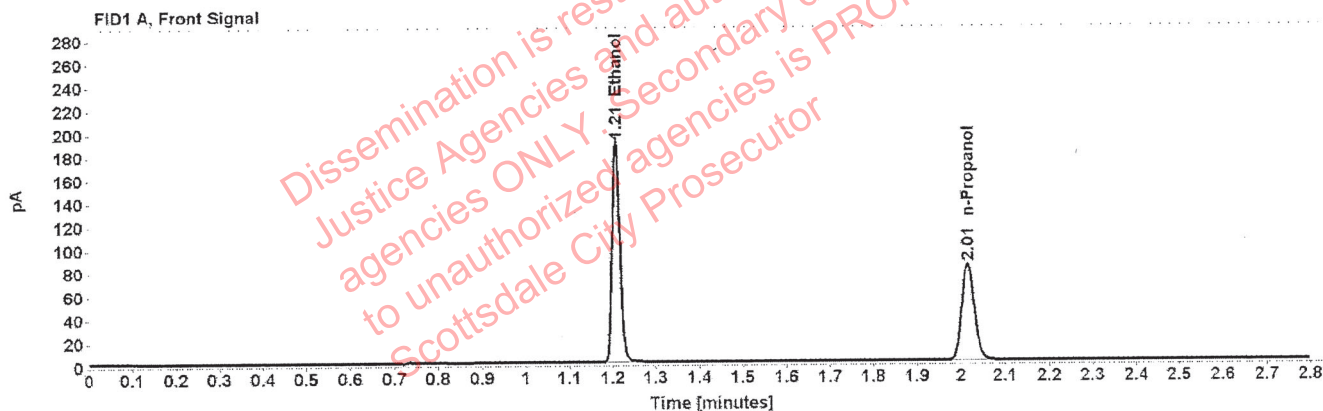


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4049	1.208	241.709
n-Propanol	-----	2.015	166.074

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

Compound	Time (min)	Peak Area
Ethanol	1.372	303.017
n-Propanol	2.465	206.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 3:23:53 PM
Data file: C:\Chem32\1\Data\31Aug21\8.D	Analyst: Abbott <i>Abbott</i>

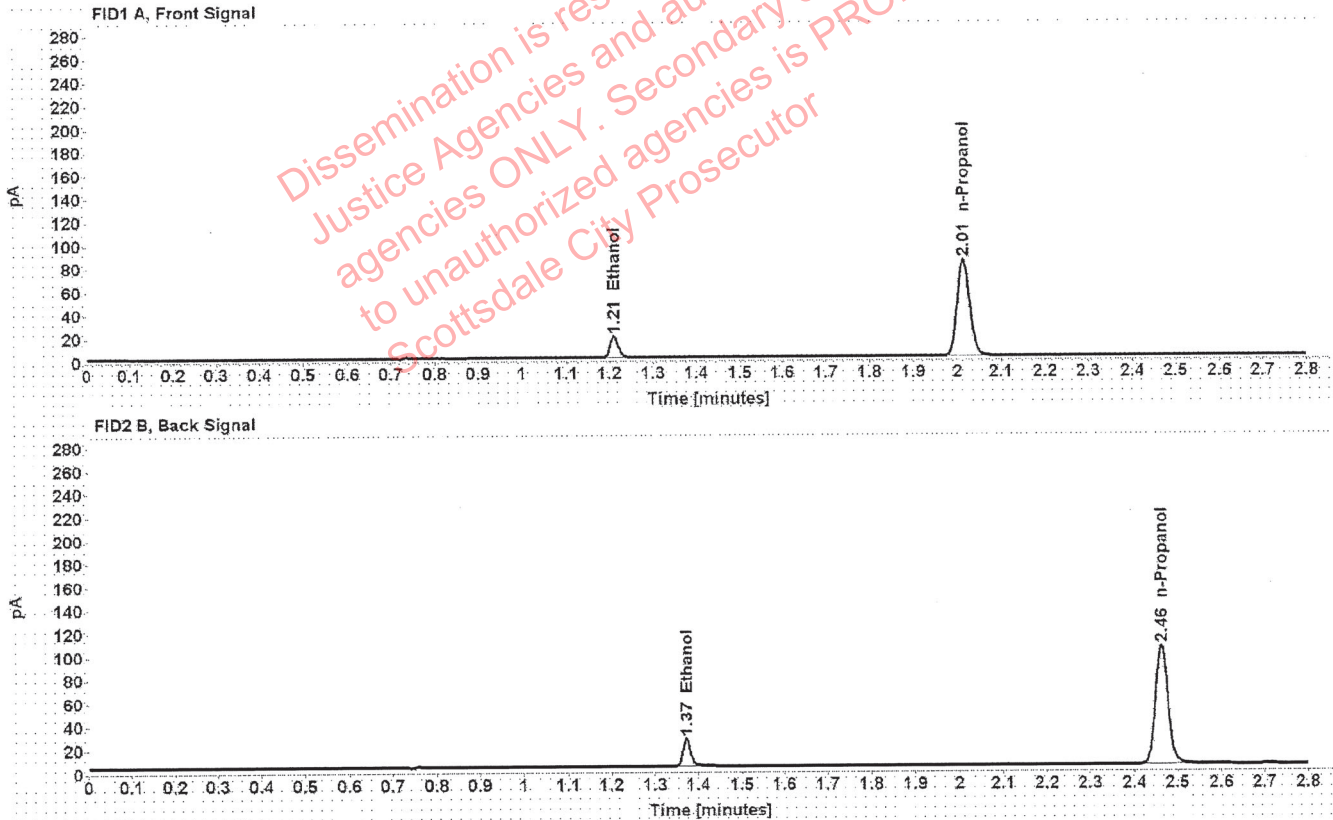


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.210	23.552
n-Propanol	-----	2.014	165.703

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

Compound	Time (min)	Peak Area
Ethanol	1.372	29.288
n-Propanol	2.463	205.688

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	9
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:27:52 PM
Data file:	C:\Chem32\1\Data\31Aug21\9.D	Analyst:	Abbott <i>JA</i>

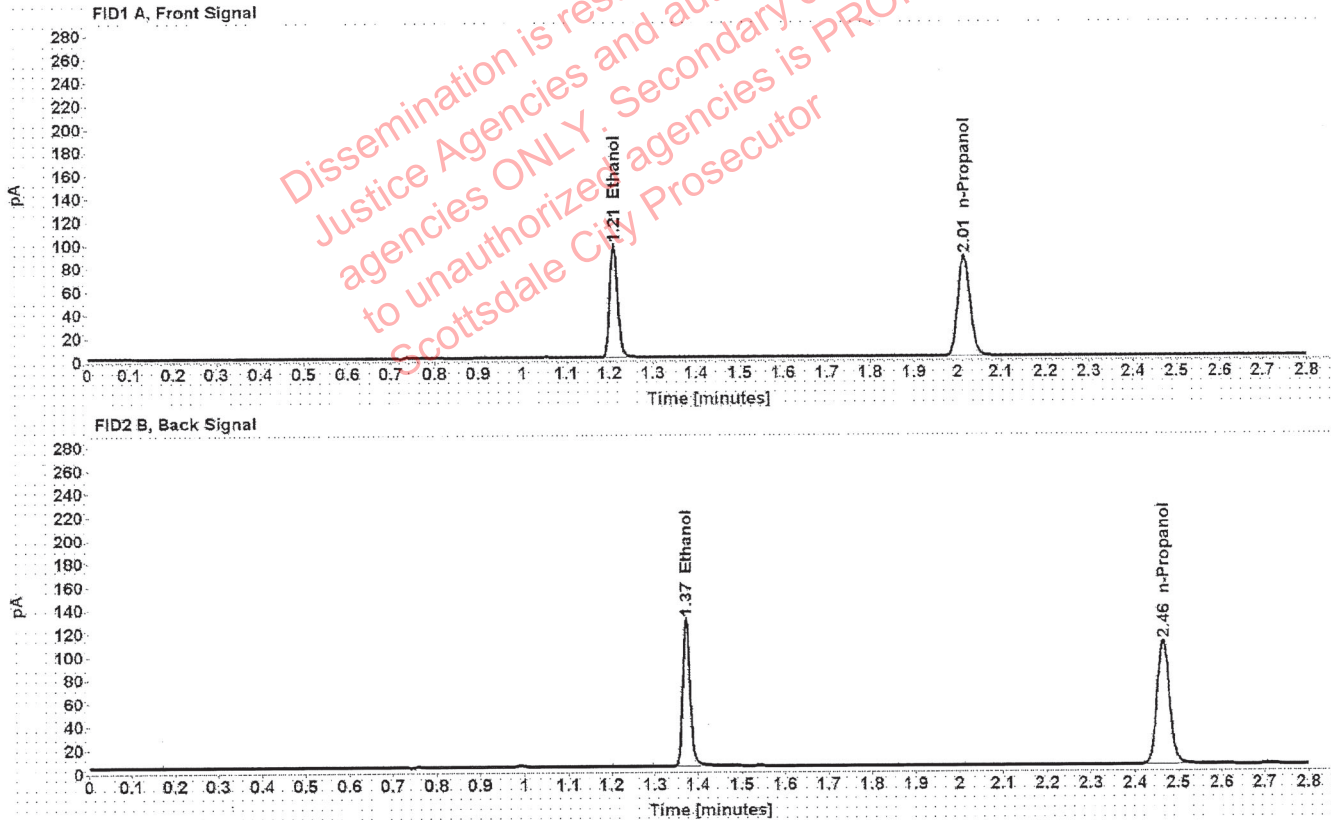


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.209	124.158
n-Propanol	-----	2.015	171.744

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

Compound	Time (min)	Peak Area
Ethanol	1.373	155.198
n-Propanol	2.465	213.528

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:12:24 PM
Data file:	C:\Chem32\1\Data\31Aug21\20.D	Analyst:	Abbott <i>CAH</i>

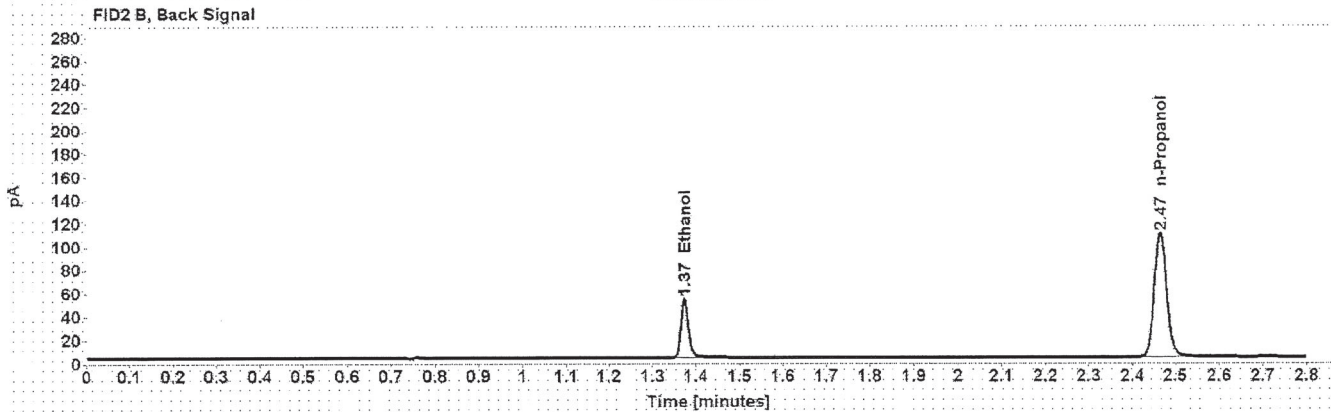
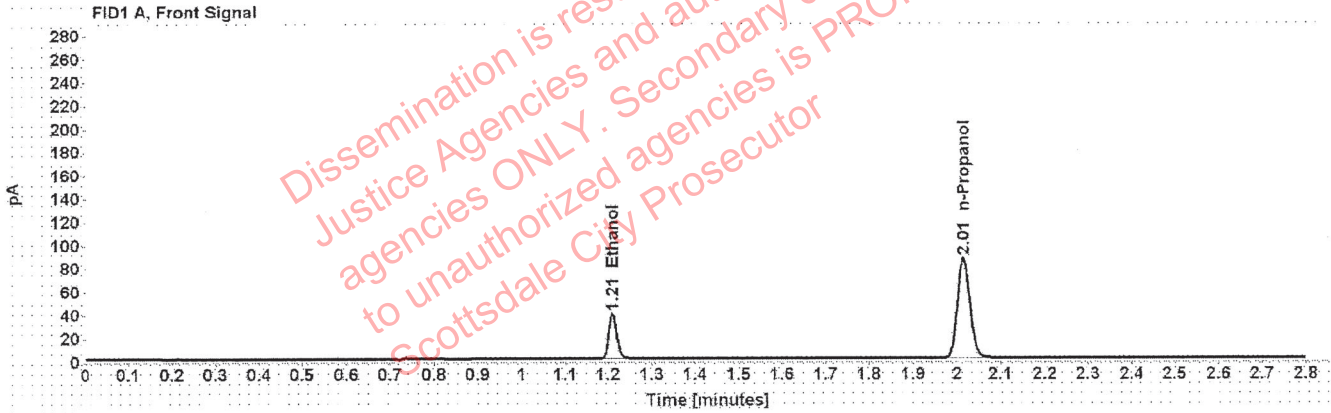


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.210	49.954
n-Propanol	-----	2.015	172.074

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.620
n-Propanol	2.465	214.379

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 4:56:53 PM
Data file: C:\Chem32\1\Data\31Aug21\31.D	Analyst: Abbott <i>JA</i>

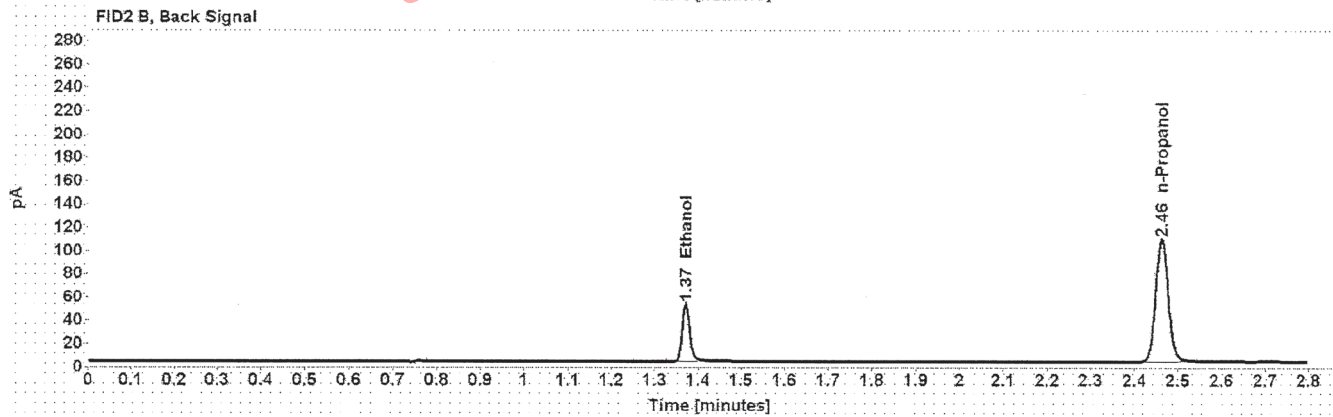
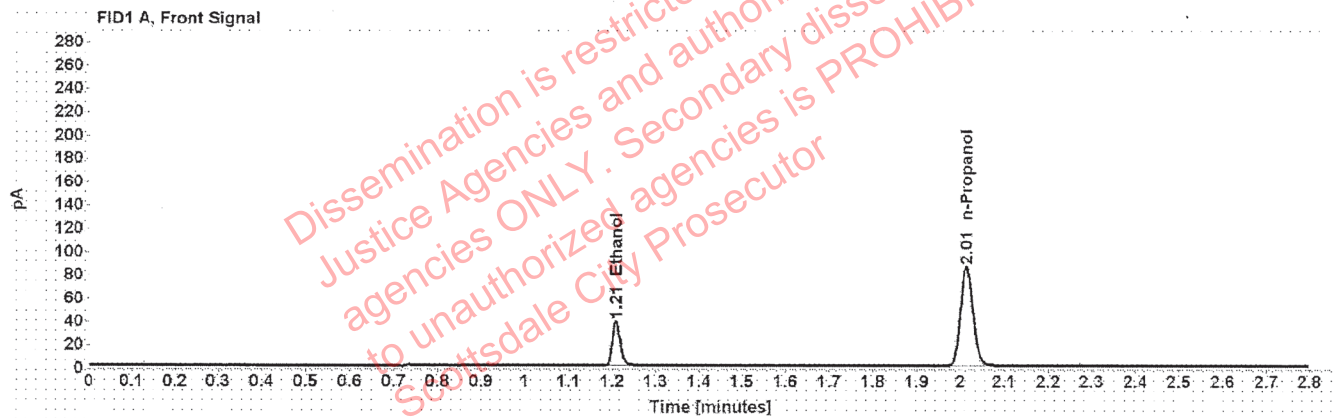


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.209	49.024
n-Propanol	-----	2.014	170.550

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

Compound	Time (min)	Peak Area
Ethanol	1.372	61.172
n-Propanol	2.463	213.053

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 42
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 5:41:07 PM
Data file: C:\Chem32\1\Data\31Aug21\42.D	Analyst: Abbott oh

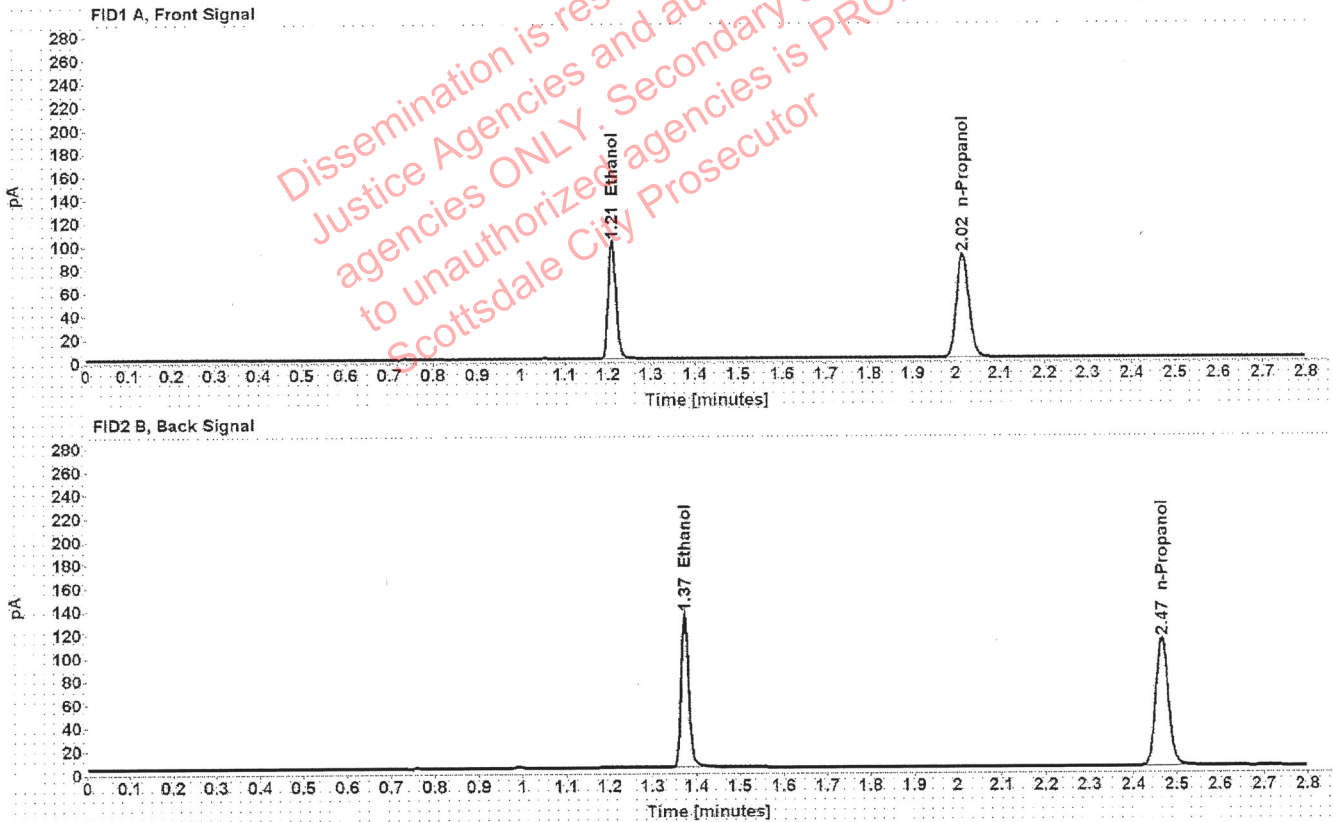


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.209	129.143
n-Propanol	-----	2.015	177.372

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

Compound	Time (min)	Peak Area
Ethanol	1.373	162.978
n-Propanol	2.466	222.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 51
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 6:17:38 PM
Data file: C:\Chem32\1\Data\31Aug21\51.D	Analyst: Abbott <i>JA</i>

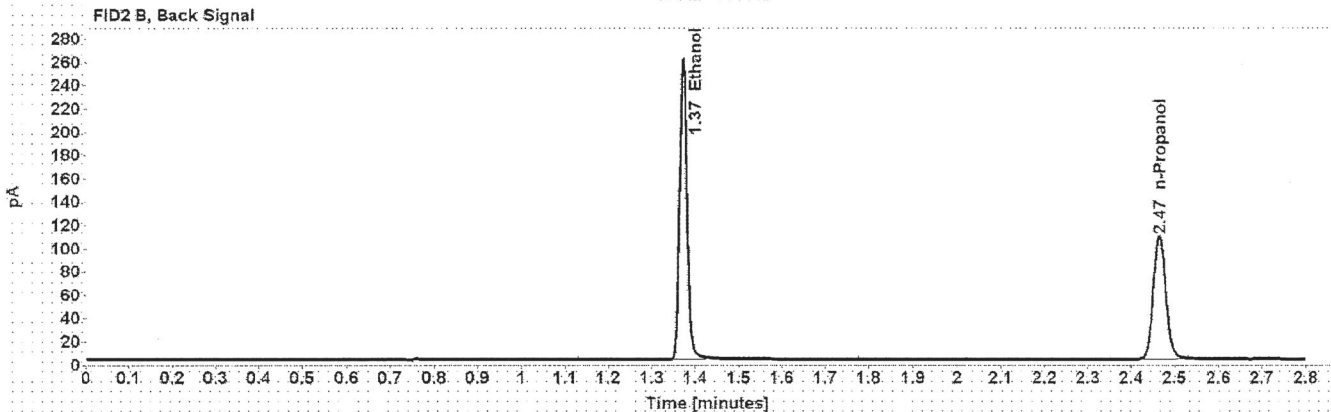
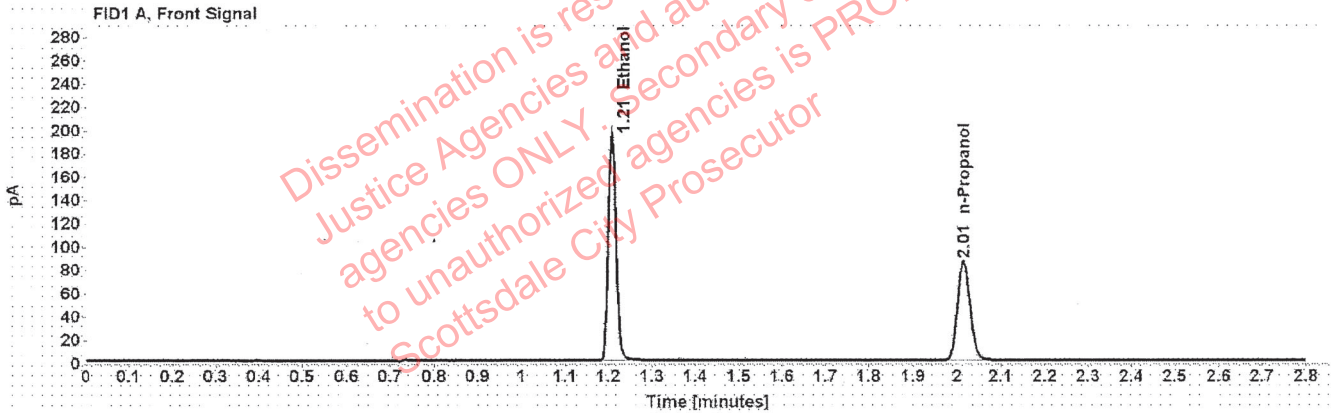


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4083	1.209	250.629
n-Propanol	-----	2.015	170.752

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

Compound	Time (min)	Peak Area
Ethanol	1.373	316.587
n-Propanol	2.465	213.608

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 52
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 6:21:39 PM
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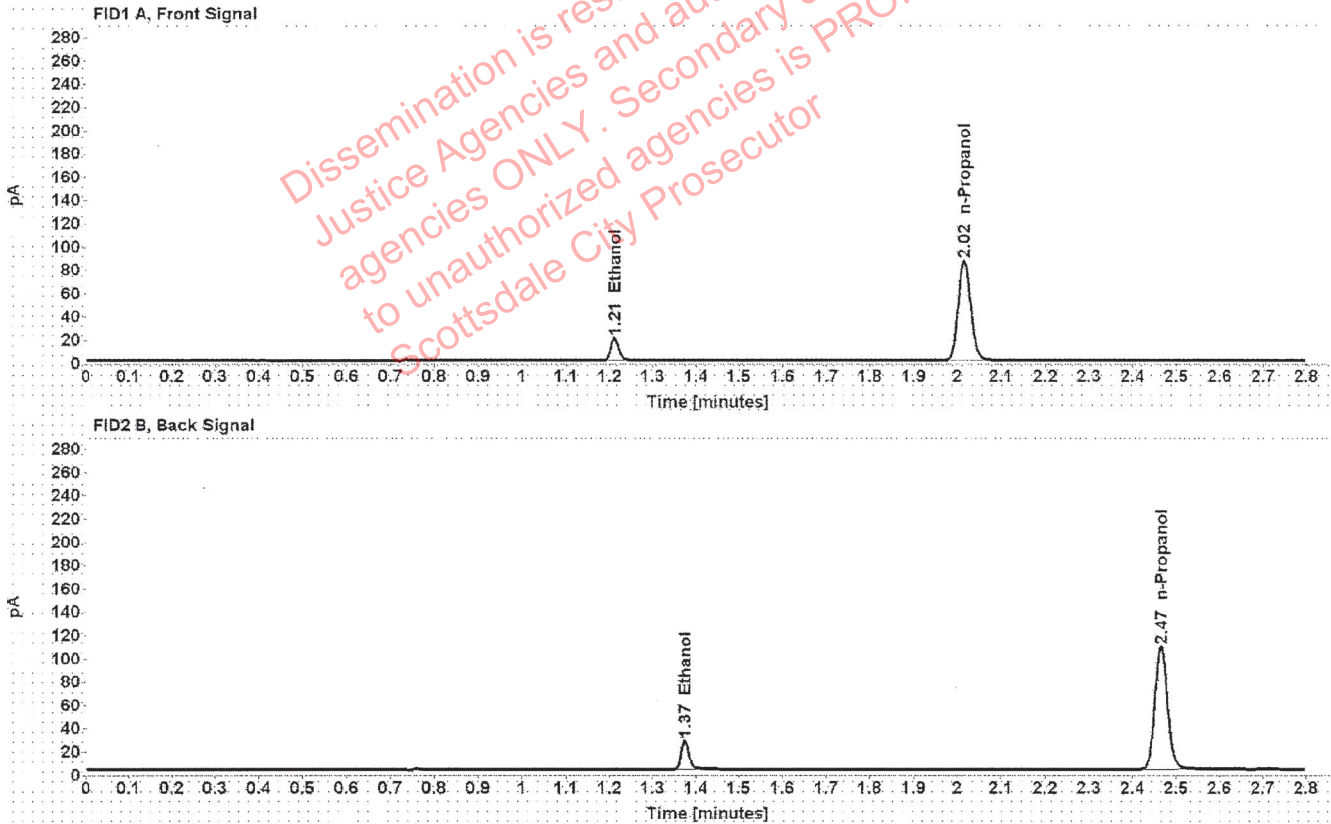


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	24.756
n-Propanol	-----	2.015	170.765

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.971
n-Propanol	2.465	213.496

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	53
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 6:25:37 PM
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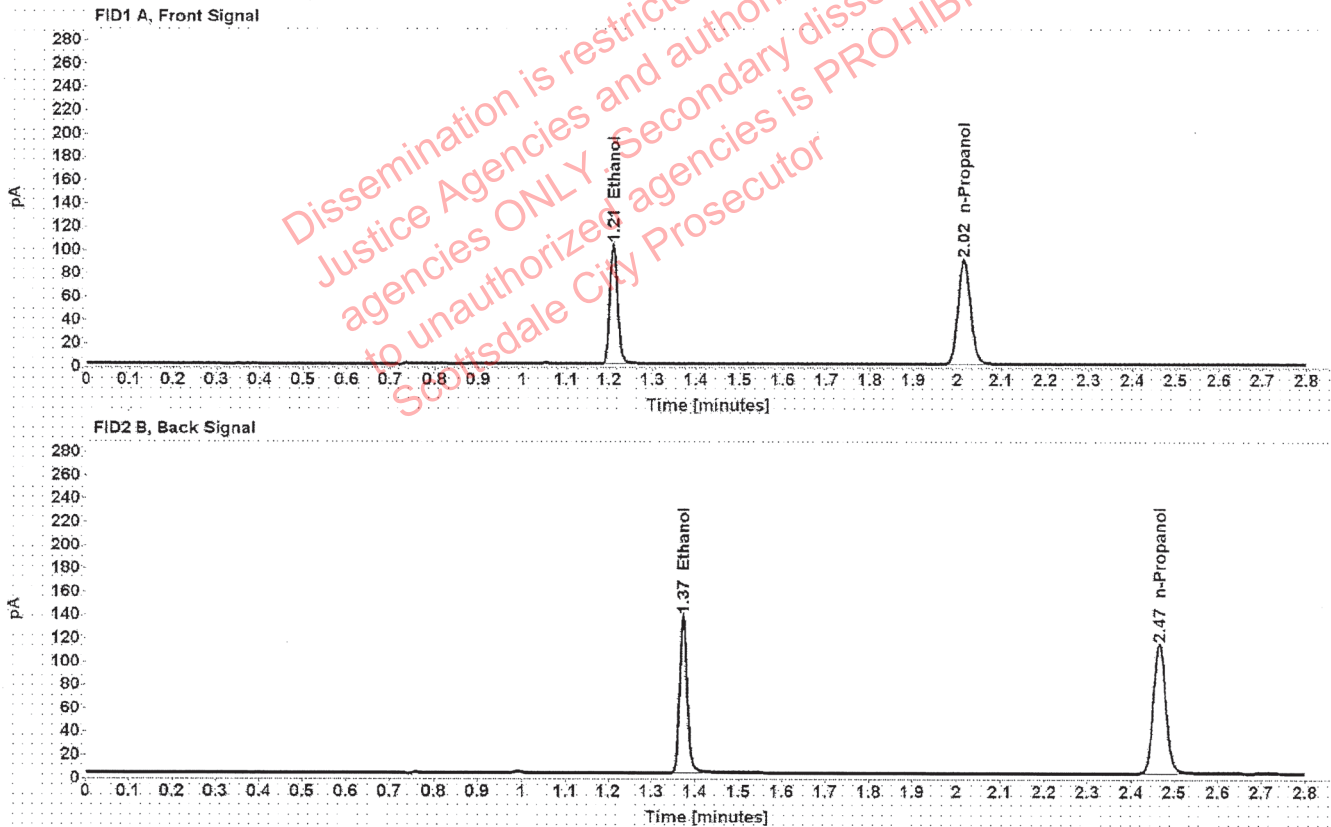


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.209	131.203
n-Propanol	-----	2.015	179.422

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

Compound	Time (min)	Peak Area
Ethanol	1.373	165.500
n-Propanol	2.466	224.953

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 54
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 31Aug21
Instrument: US14173023 CN14160045	Injection date: 8/31/2021 6:29:37 PM
Data file: C:\Chem32\1\Data\31Aug21\54.D	Analyst: Abbott <i>JA</i>

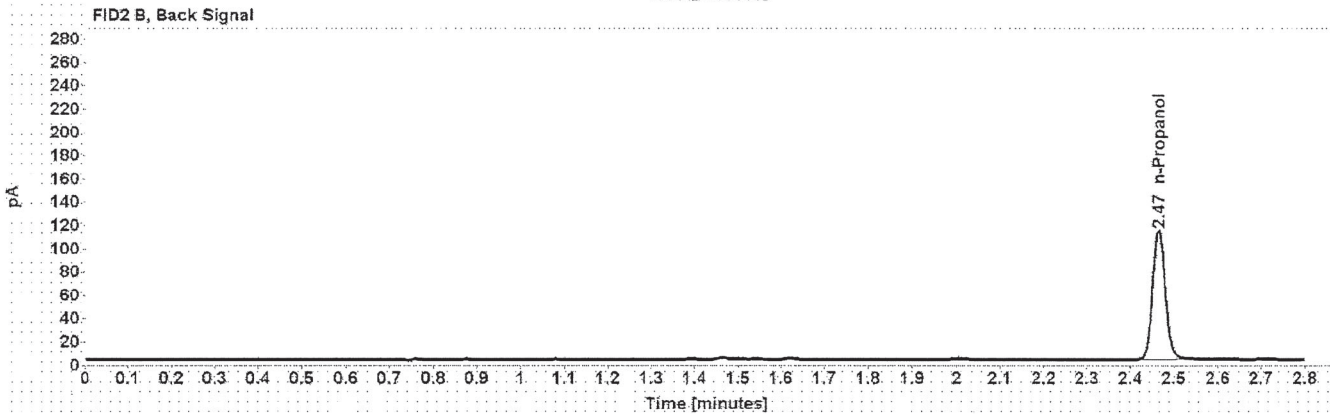
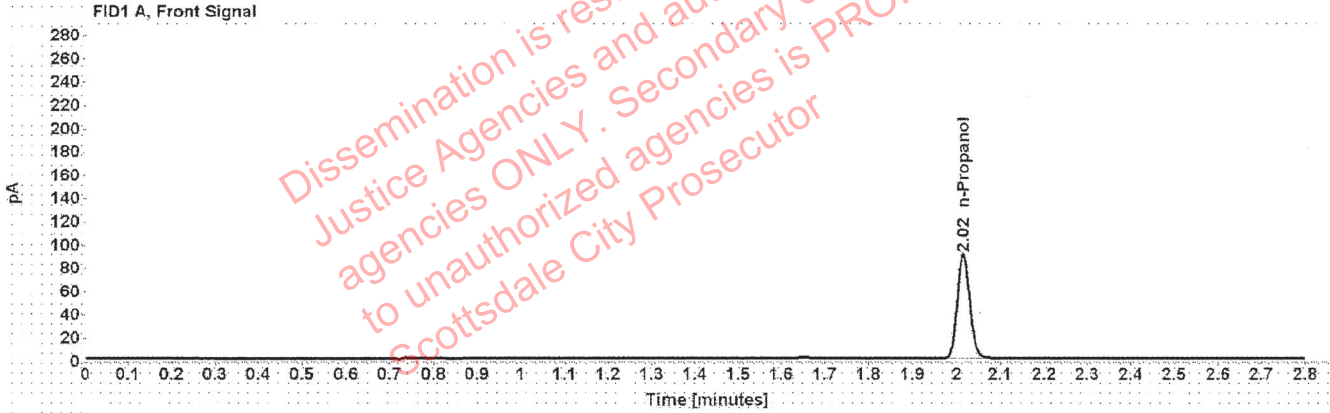


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	178.790

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	224.556

Sequence Summary

Sequence name: 31Aug21 Instrument: US14173023 CN14160045 Analyst: Abbott *BA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	071521AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4101018274/9	0.200	Control		ethanol quant.M
10	1383862		Sample		ethanol quant.M
11	1383862		Sample		ethanol quant.M
12	1386175		Sample		ethanol quant.M
13	1386175		Sample		ethanol quant.M
14	1384614		Sample		ethanol quant.M
15	1384614		Sample		ethanol quant.M
16	1385851		Sample		ethanol quant.M
17	1385851		Sample		ethanol quant.M
18	1385787		Sample		ethanol quant.M
19	1385787		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1383446		Sample		ethanol quant.M
22	1383446		Sample		ethanol quant.M
23	1347217		Sample		ethanol quant.M
24	1347217		Sample		ethanol quant.M
25	1361091		Sample		ethanol quant.M
26	1361091		Sample		ethanol quant.M
27	1386648		Sample		ethanol quant.M
28	1386648		Sample		ethanol quant.M
29	1386639		Sample		ethanol quant.M
30	1386639		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1386548		Sample		ethanol quant.M
33	1386548		Sample		ethanol quant.M
34	1382230		Sample		ethanol quant.M
35	1382230		Sample		ethanol quant.M
36	1386441		Sample		ethanol quant.M
37	1386441		Sample		ethanol quant.M
38	1365228		Sample		ethanol quant.M
39	1365228		Sample		ethanol quant.M
40	1386443		Sample		ethanol quant.M
41	1386443		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1351476		Sample		ethanol quant.M
44	1351476		Sample		ethanol quant.M
45	1386942		Sample		ethanol quant.M
46	1386942		Sample		ethanol quant.M
47	1386874		Sample		ethanol quant.M

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Sequence Summary

48	1386874		Sample		ethanol quant.M
49	1386635		Sample		ethanol quant.M
50	1386635		Sample		ethanol quant.M
51	11092018-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4101018274/9	0.200	Control		ethanol quant.M
54	111020WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 31Aug21

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0754	0.0745	0.07495	0.60	0.00045
12 13	0.1629	0.1634	0.16315	0.15	0.00025
14 15	0.1068	0.1071	0.10695	0.14	0.00015
16 17	0.2204	0.2200	0.22020	0.09	0.00020
18 19	0.1498	0.1490	0.14940	0.27	0.00040
21 22	0.0929	0.0928	0.09285	0.05	0.00005
23 24	0.1939	0.1952	0.19455	0.33	0.00065
25 26	0.1516	0.1513	0.15145	0.10	0.00015
27 28	0.2244	0.2228	0.22360	0.36	0.00080
29 30	0.1683	0.1670	0.16765	0.39	0.00065
32 33	0.1883	0.1880	0.18815	0.08	0.00015
34 35	0.2302	0.2309	0.23055	0.15	0.00035
36 37	0.1680	0.1677	0.16785	0.09	0.00015
38 39	0.2450	0.2454	0.24520	0.08	0.00020
40 41	0.1685	0.1678	0.16815	0.21	0.00035
43 44	0.2238	0.2257	0.22475	0.42	0.00095
45 46	0.2031	0.2007	0.20190	0.59	0.00120
47 48	0.1329	0.1325	0.13270	0.15	0.00020
49 50	0.2567	0.2562	0.25645	0.10	0.00025

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

Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

ANALYST: Abbott 

SEQUENCE: 31Aug21

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1383862	1383862	1383862	Yes
Vials 12 and 13	1386175	1386175	1386175	Yes
Vials 14 and 15	1384614	1384614	1384614	Yes
Vials 16 and 17	1385851	1385851	1385851	Yes
Vials 18 and 19	1385787	1385787	1385787	Yes
Vials 21 and 22	1383446	1383446	1383446	Yes
Vials 23 and 24	1347217	1347217	1347217	Yes
Vials 25 and 26	1361091	1361091	1361091	Yes
Vials 27 and 28	1386648	1386648	1386648	Yes
Vials 29 and 30	1386639	1386639	1386639	Yes
Vials 32 and 33	1386548	1386548	1386548	Yes
Vials 34 and 35	1382230	1382230	1382230	Yes
Vials 36 and 37	1386441	1386441	1386441	Yes
Vials 38 and 39	1365228	1365228	1365228	Yes
Vials 40 and 41	1386443	1386443	1386443	Yes
Vials 43 and 44	1351476	1351476	1351476	Yes
Vials 45 and 46	1386942	1386942	1386942	Yes
Vials 47 and 48	1386874	1386874	1386874	Yes
Vials 49 and 50	1386635	1386635	1386635	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383862	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:31:52 PM
Data file:	C:\Chem32\1\Data\31Aug21\10.D	Analyst:	Abbott

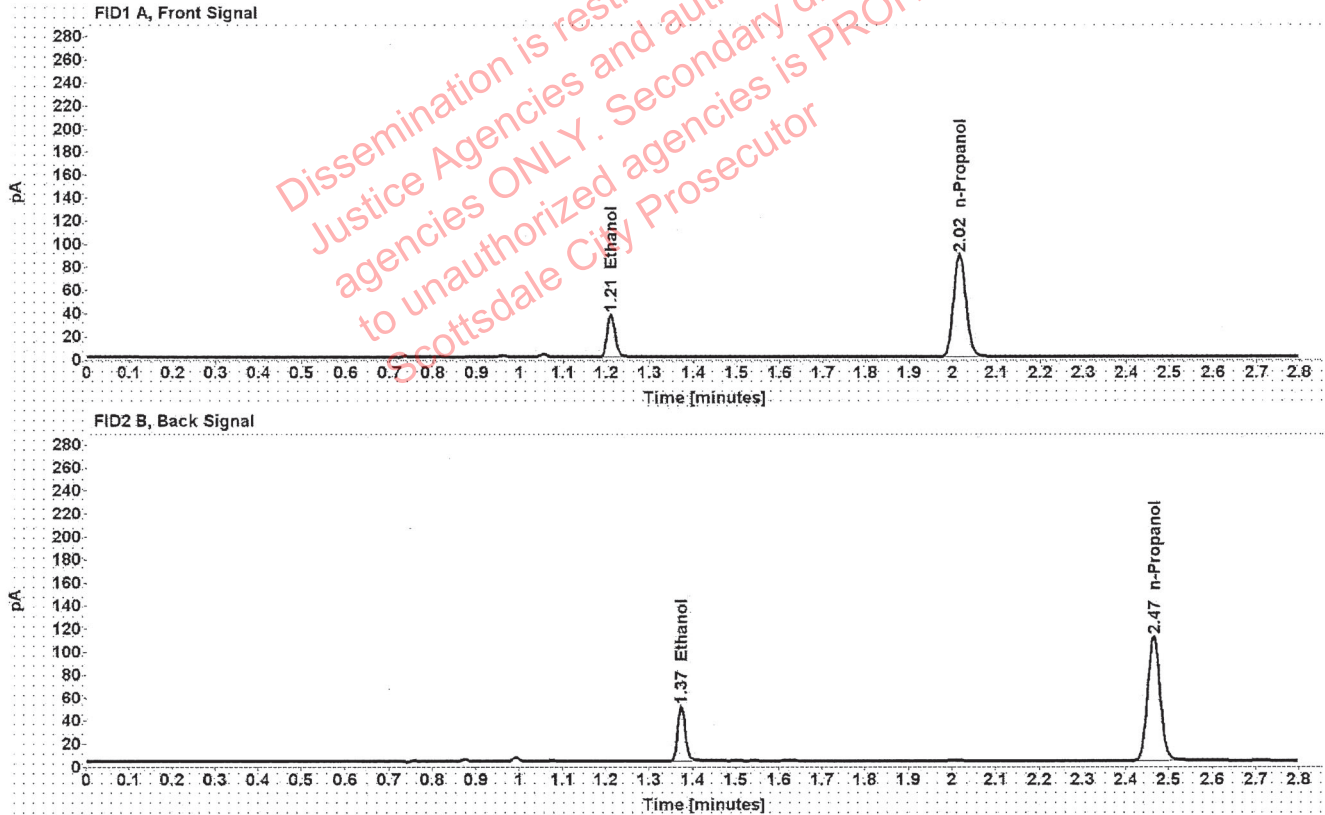


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0754	1.210	47.201
n-Propanol	-----	2.015	175.607

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

Compound	Time (min)	Peak Area
Ethanol	1.374	58.550
n-Propanol	2.465	218.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383862	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:35:51 PM
Data file:	C:\Chem32\1\Data\31Aug21\11.D	Analyst:	Abbott

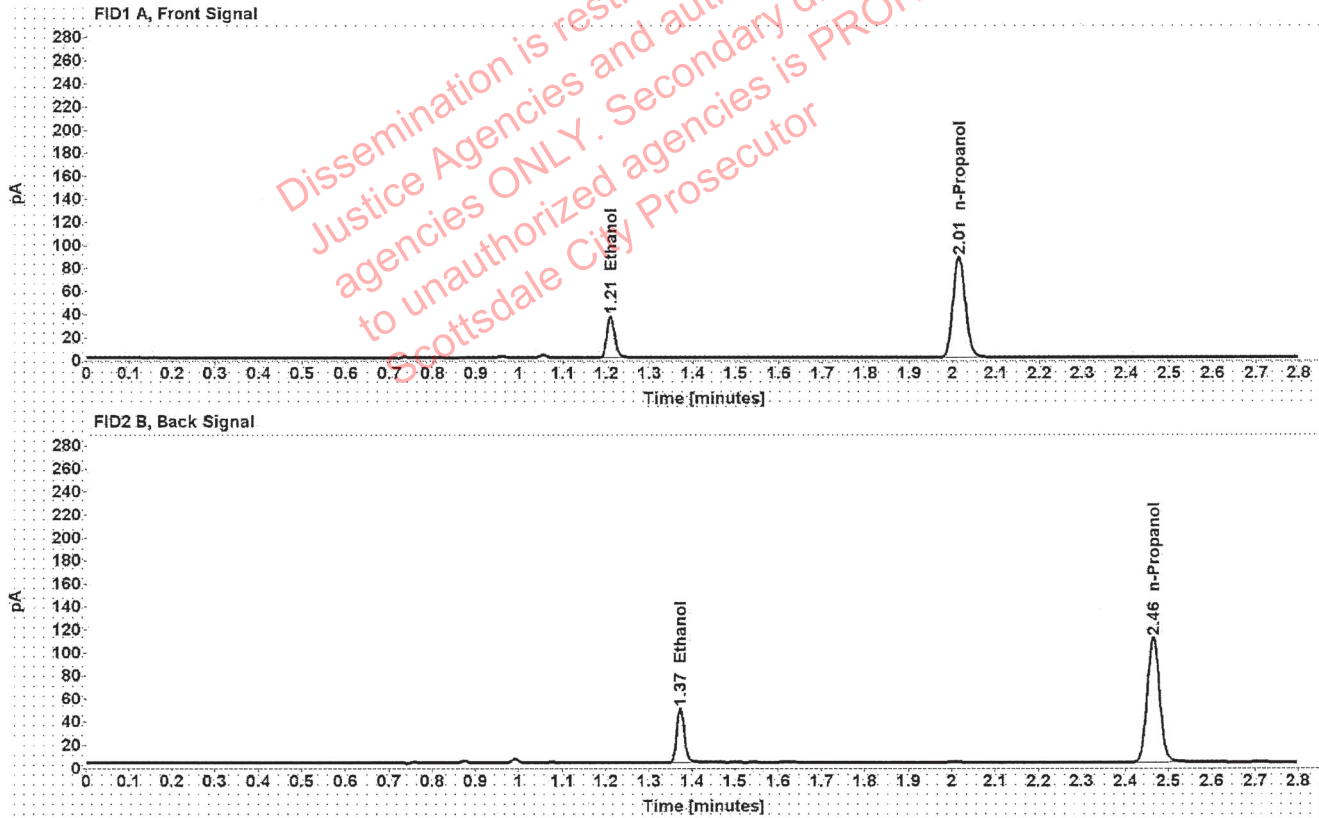


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0745	1.210	46.338
n-Propanol	-----	2.014	174.465

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

Compound	Time (min)	Peak Area
Ethanol	1.373	57.545
n-Propanol	2.464	217.406

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386175	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:39:52 PM
Data file:	C:\Chem32\1\Data\31Aug21\12.D	Analyst:	Abbott

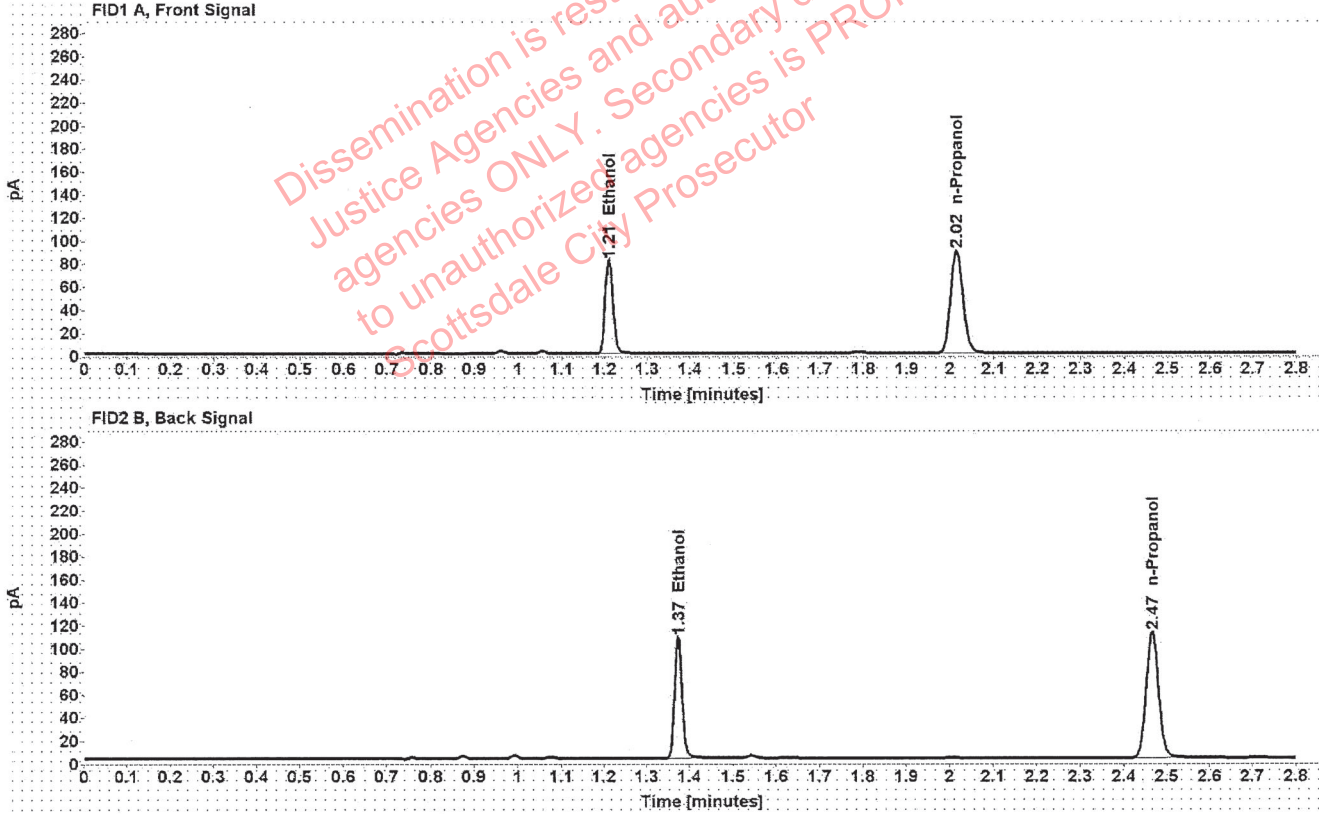


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1629	1.210	103.353
n-Propanol	-----	2.015	176.945

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

Compound	Time (min)	Peak Area
Ethanol	1.373	129.092
n-Propanol	2.466	220.323

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386175	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:44:07 PM
Data file:	C:\Chem32\1\Data\31Aug21\13.D	Analyst:	Abbott

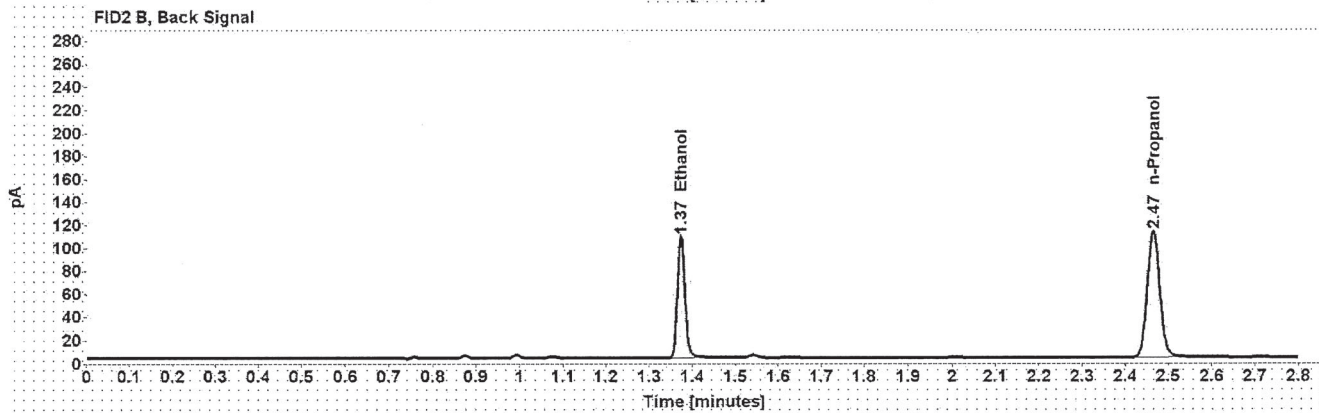
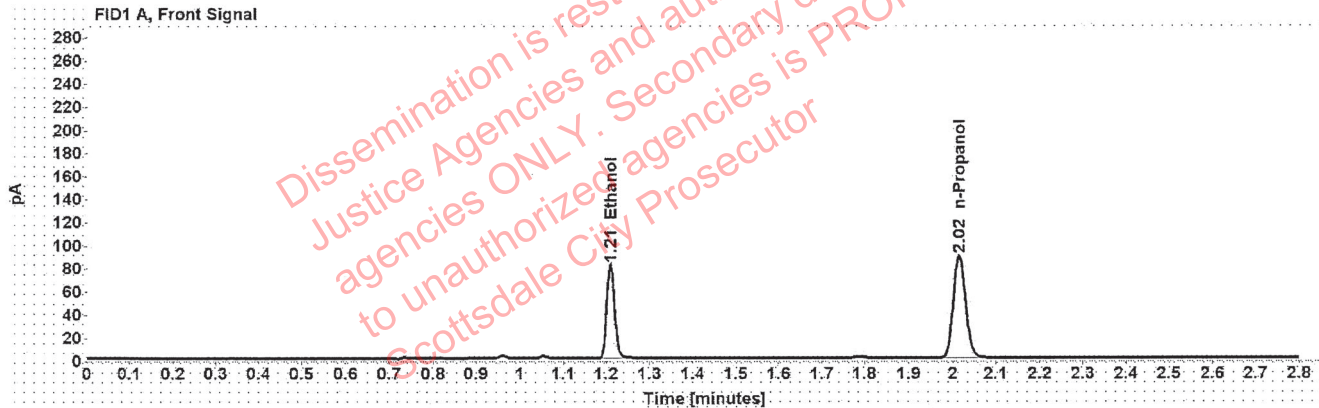


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1634	1.210	103.612
n-Propanol	-----	2.015	176.936

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

Compound	Time (min)	Peak Area
Ethanol	1.373	129.219
n-Propanol	2.466	220.514

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384614	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:48:07 PM
Data file:	C:\Chem32\1\Data\31Aug21\14.D	Analyst:	Abbott

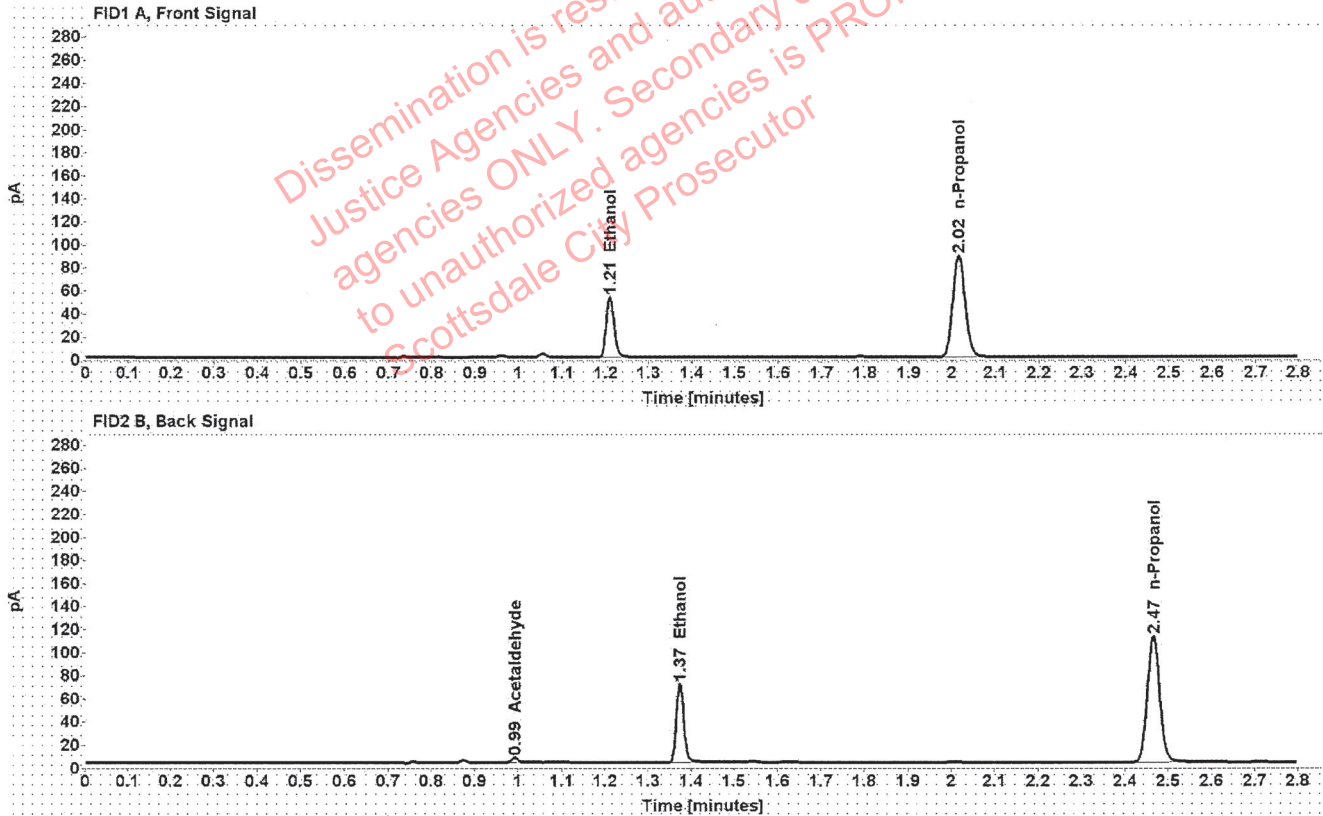


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1068	1.210	67.337
n-Propanol	-----	2.015	176.366

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.308
Ethanol	1.374	83.884
n-Propanol	2.465	219.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384614	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:52:07 PM
Data file:	C:\Chem32\1\Data\31Aug21\15.D	Analyst:	Abbott

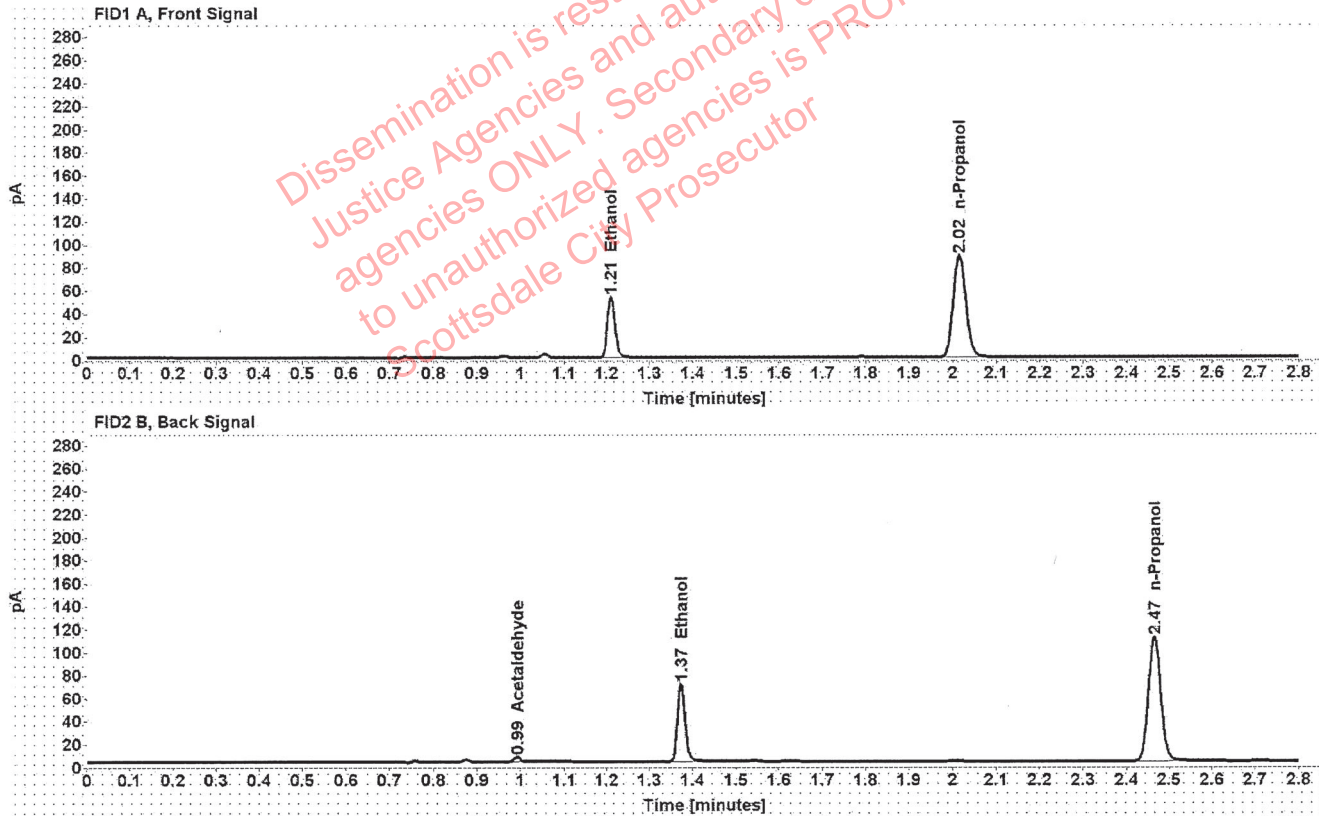


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1071	1.210	67.173
n-Propanol	-----	2.015	175.397

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.314
Ethanol	1.374	83.700
n-Propanol	2.465	218.699

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385851	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 3:56:08 PM
Data file:	C:\Chem32\1\Data\31Aug21\16.D	Analyst:	Abbott

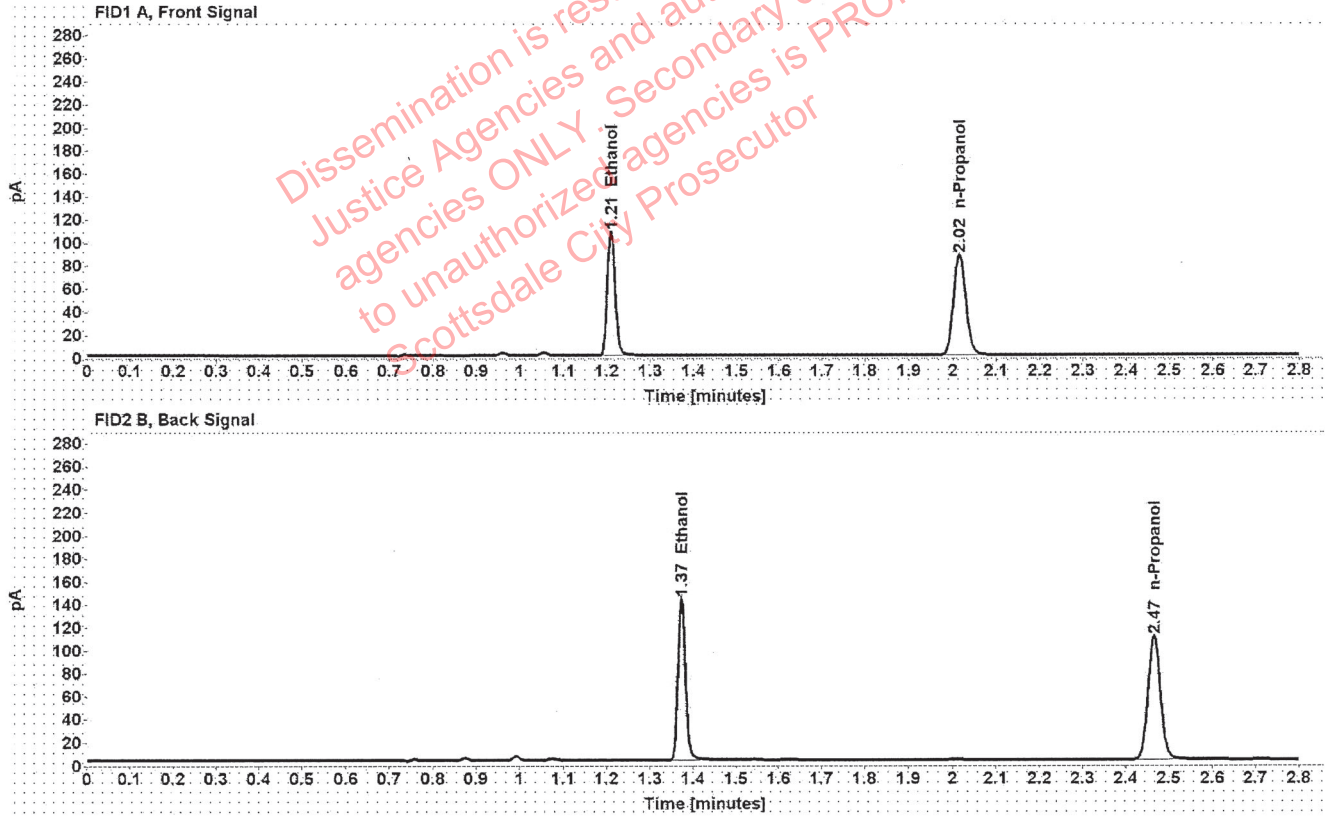


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2204	1.209	137.242
n-Propanol	-----	2.015	173.523

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

Compound	Time (min)	Peak Area
Ethanol	1.373	172.179
n-Propanol	2.465	216.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385851	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:00:07 PM
Data file:	C:\Chem32\1\Data\31Aug21\17.D	Analyst:	Abbott

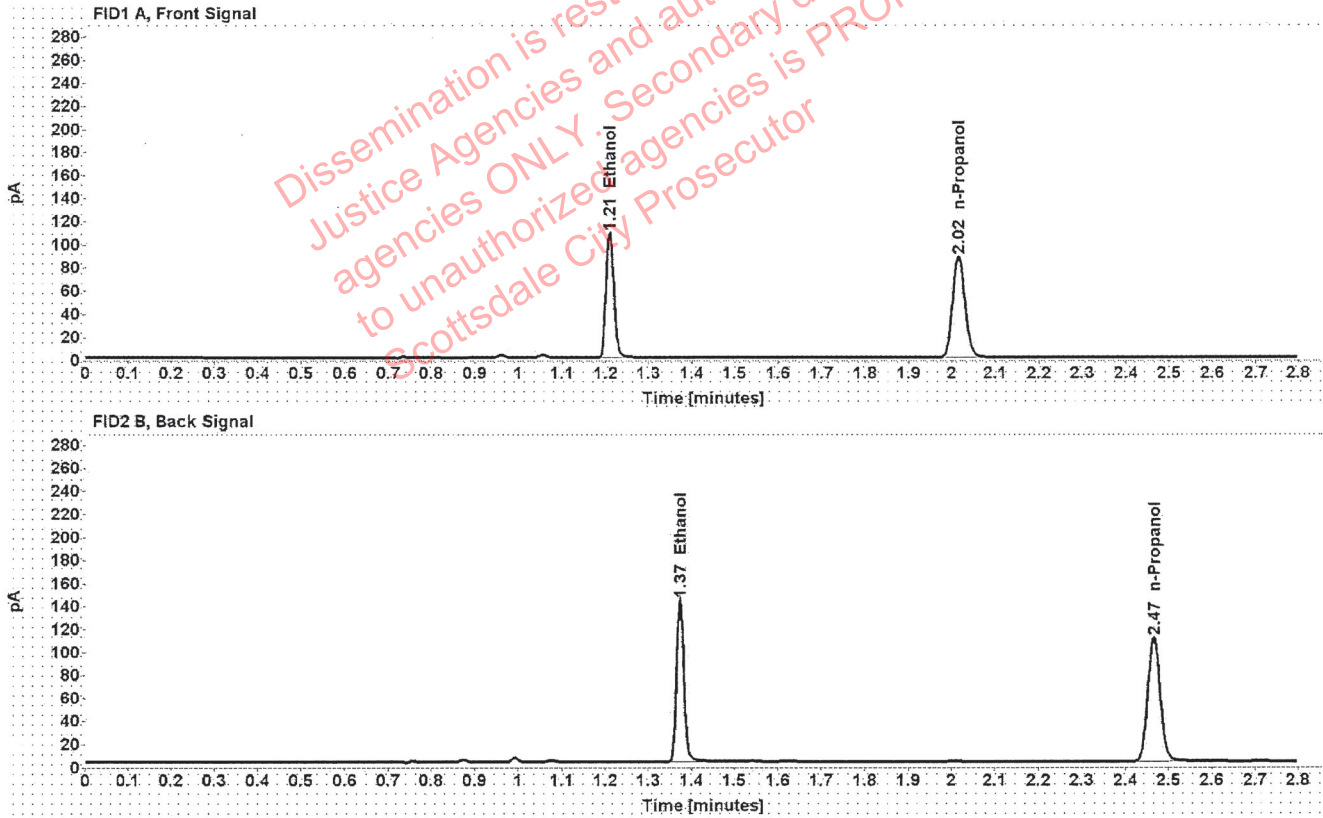


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2200	1.209	137.606
n-Propanol	-----	2.015	174.233

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

Compound	Time (min)	Peak Area
Ethanol	1.373	173.850
n-Propanol	2.465	217.408

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385787	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:04:06 PM
Data file:	C:\Chem32\1\Data\31Aug21\18.D	Analyst:	Abbott

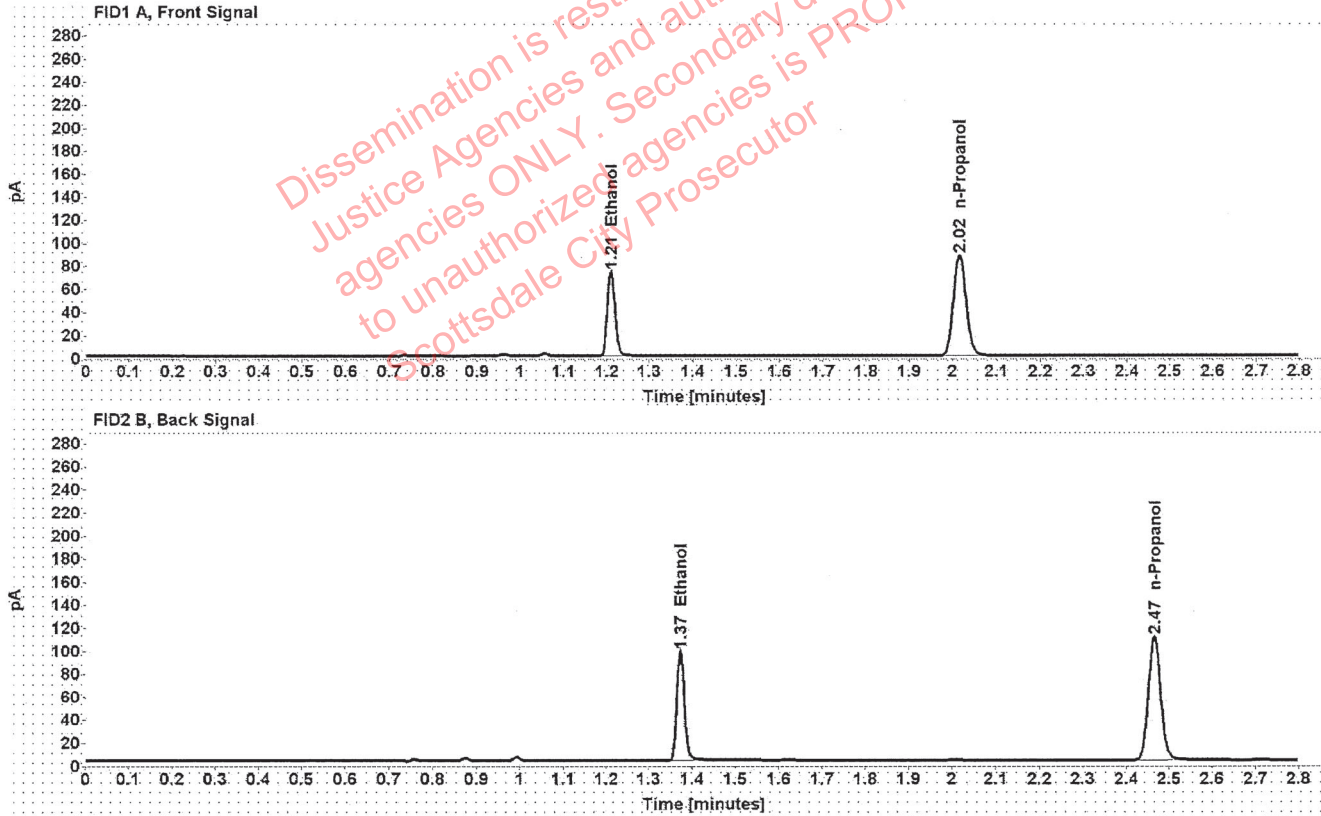


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1498	1.210	93.513
n-Propanol	-----	2.015	174.183

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

Compound	Time (min)	Peak Area
Ethanol	1.373	116.772
n-Propanol	2.465	217.191

Abbott, Lori - (01-Sep-2021)

Case: User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385787	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:08:21 PM
Data file:	C:\Chem32\1\Data\31Aug21\19.D	Analyst:	Abbott

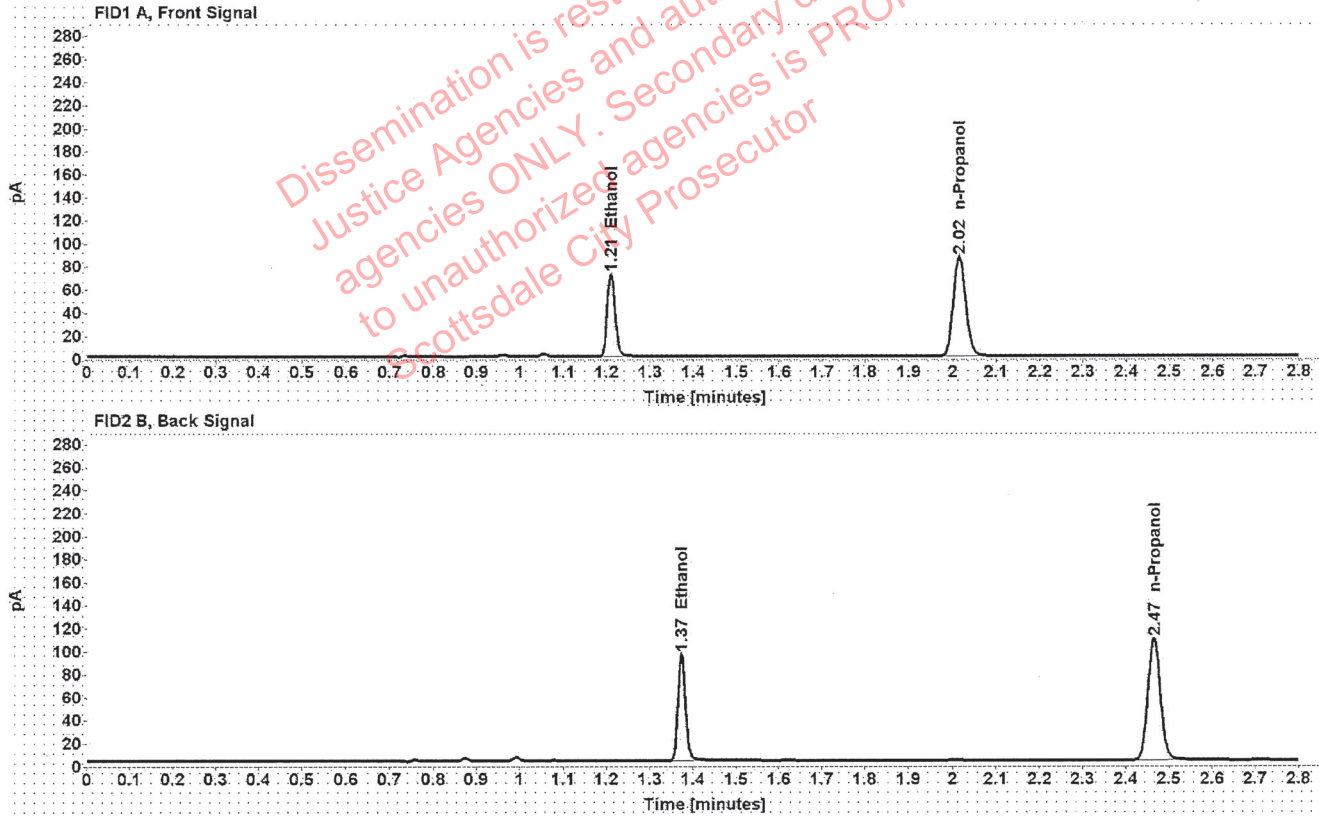


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1490	1.210	91.538
n-Propanol	-----	2.015	171.456

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

Compound	Time (min)	Peak Area
Ethanol	1.373	114.142
n-Propanol	2.465	213.757

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383446	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:16:22 PM
Data file:	C:\Chem32\1\Data\31Aug21\21.D	Analyst:	Abbott

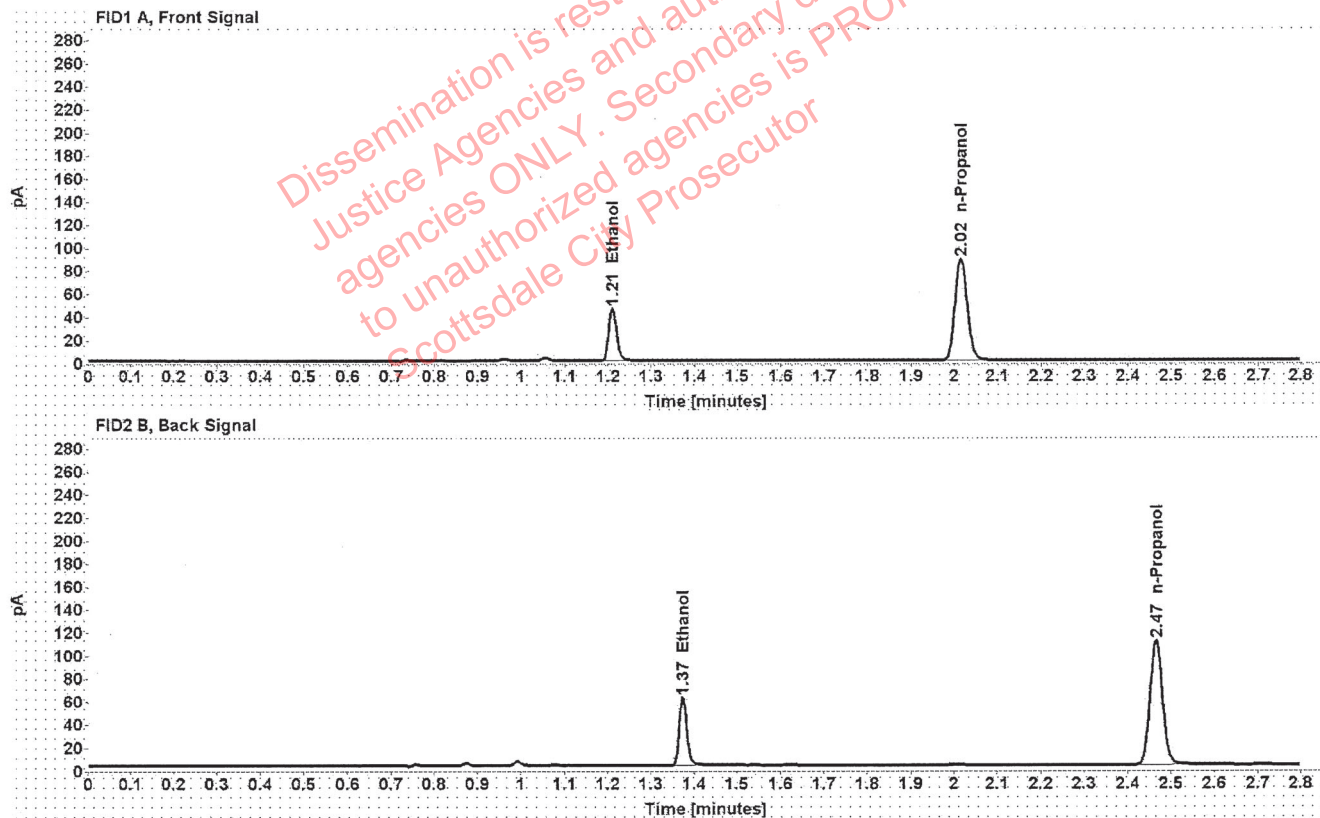


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0929	1.210	58.212
n-Propanol	-----	2.015	175.372

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

Compound	Time (min)	Peak Area
Ethanol	1.374	72.406
n-Propanol	2.465	218.971

[REDACTED] : Abbott, Lori - (01-Sep-2021)

Case: [REDACTED] User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383446	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:20:24 PM
Data file:	C:\Chem32\1\Data\31Aug21\22.D	Analyst:	Abbott

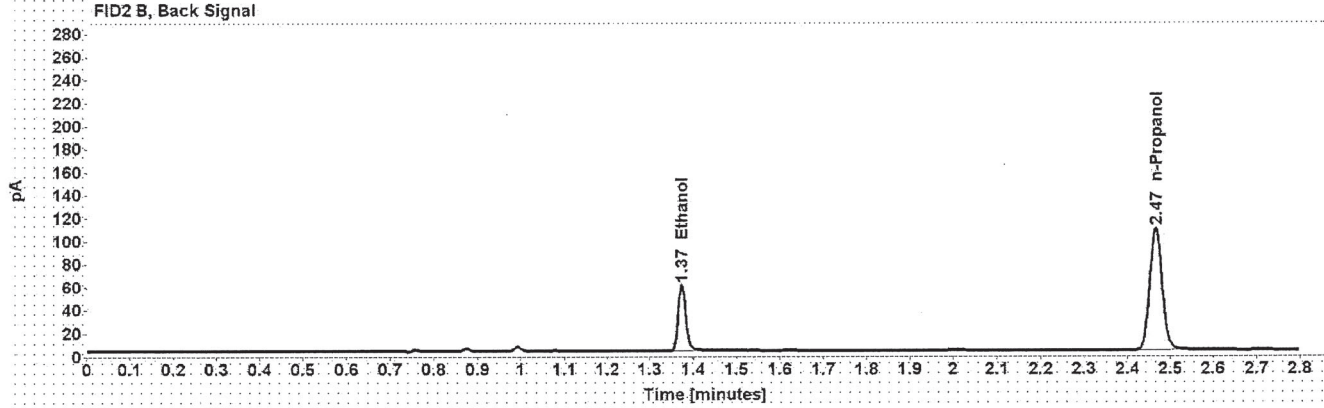
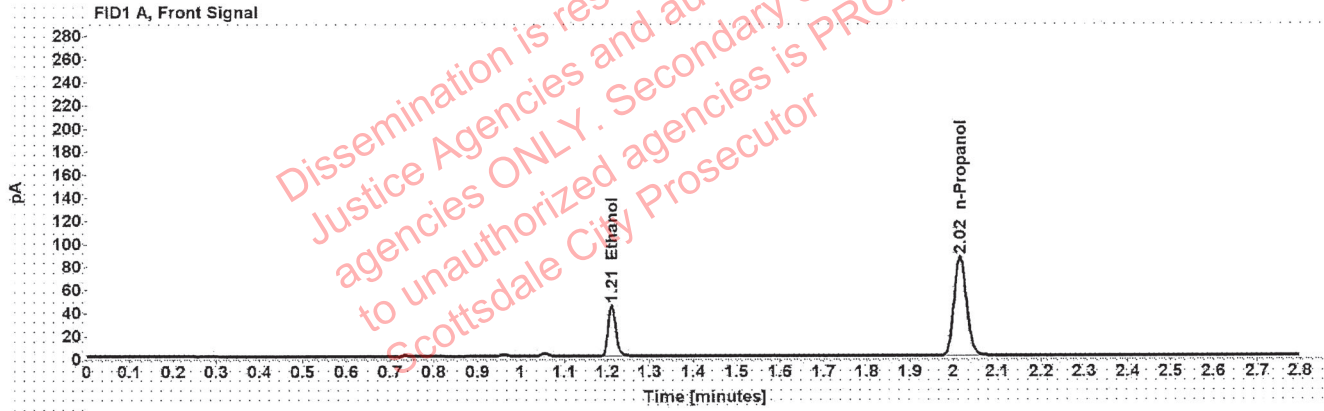


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0928	1.210	56.854
n-Propanol	-----	2.015	171.583

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

Compound	Time (min)	Peak Area
Ethanol	1.374	70.615
n-Propanol	2.465	214.318

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347217	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:24:21 PM
Data file:	C:\Chem32\1\Data\31Aug21\23.D	Analyst:	Abbott

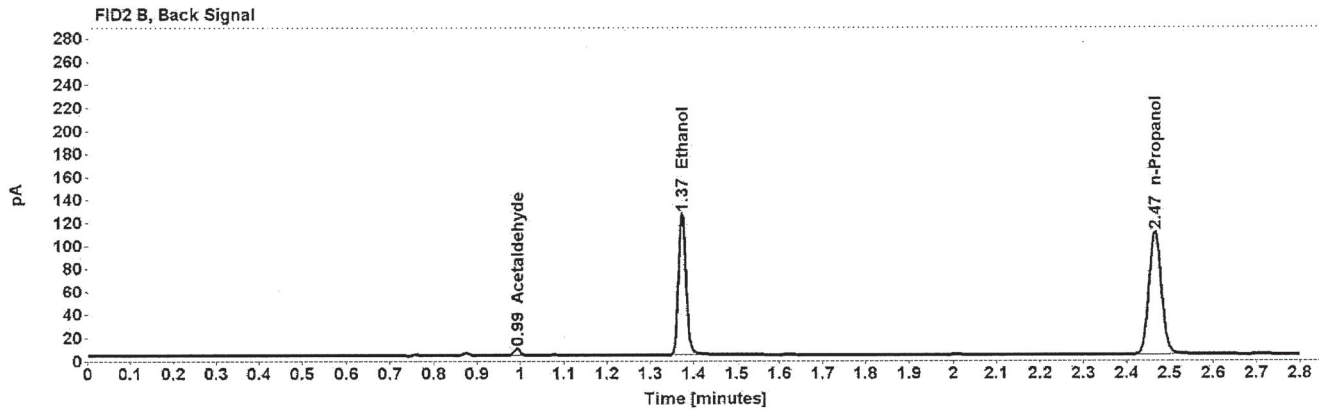
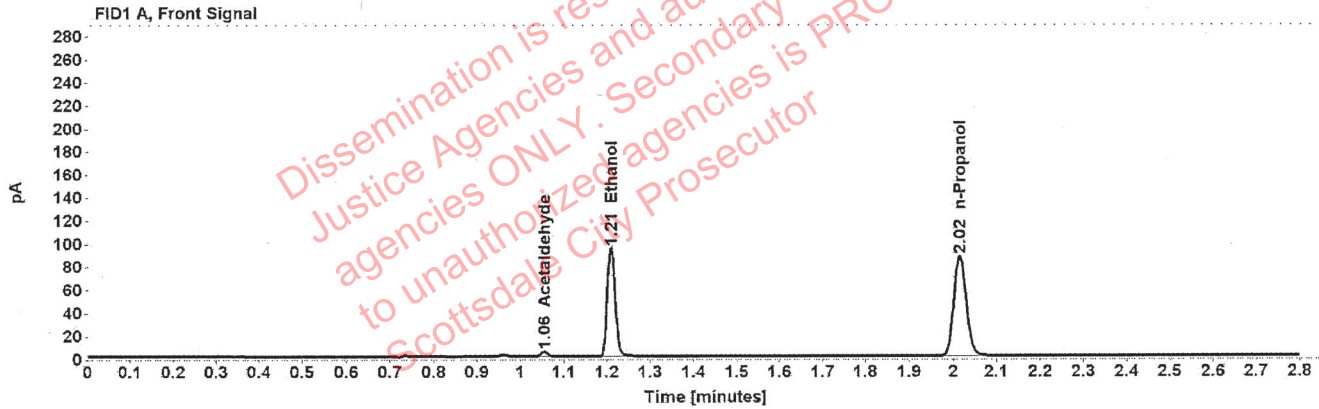


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.288
>Ethanol	0.1939	1.209	120.481
n-Propanol	-----	2.015	173.161

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.603
Ethanol	1.373	150.660
n-Propanol	2.466	216.060

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347217	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:28:24 PM
Data file:	C:\Chem32\1\Data\31Aug21\24.D	Analyst:	Abbott

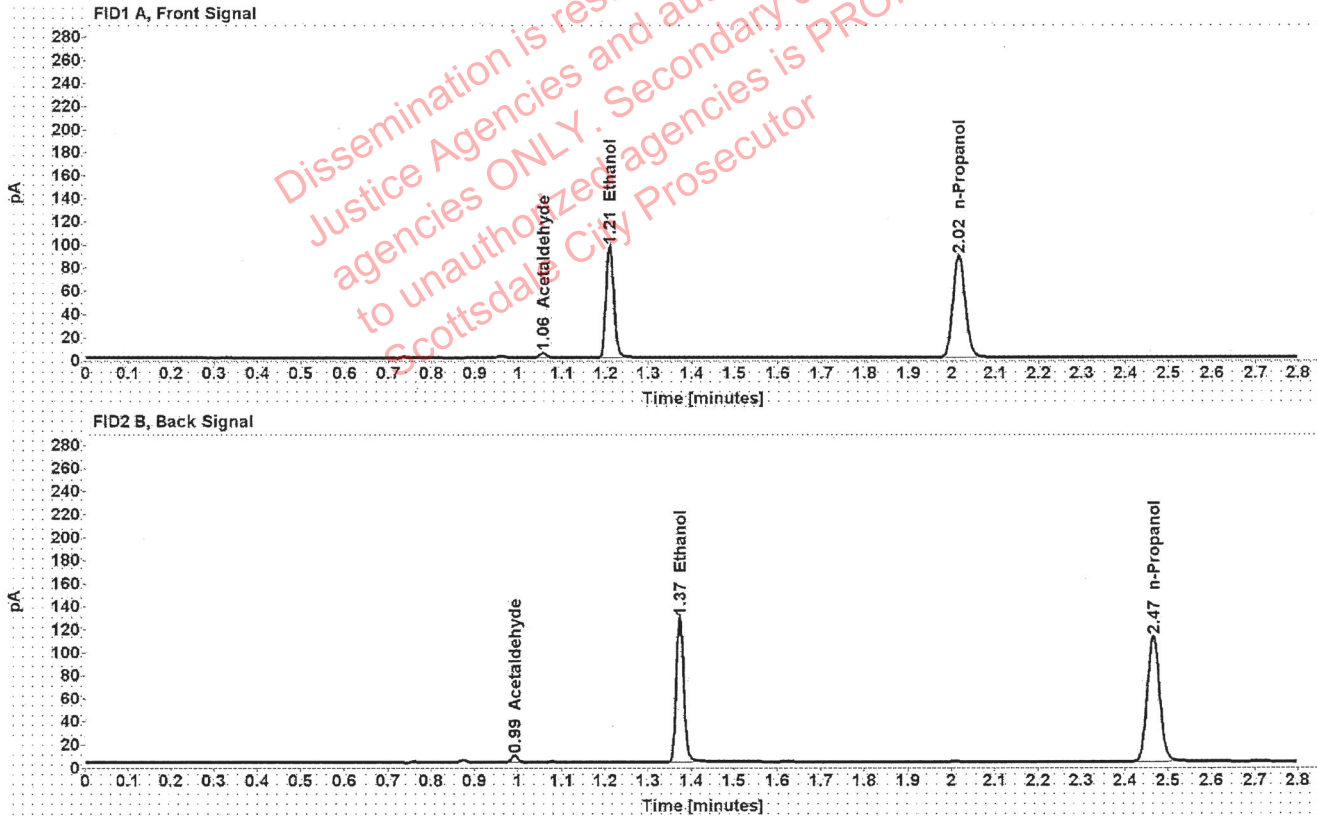


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.338
>Ethanol	0.1952	1.210	123.103
n-Propanol	-----	2.015	175.780

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.649
Ethanol	1.373	153.942
n-Propanol	2.465	219.527

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361091	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:32:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\25.D	Analyst:	Abbott

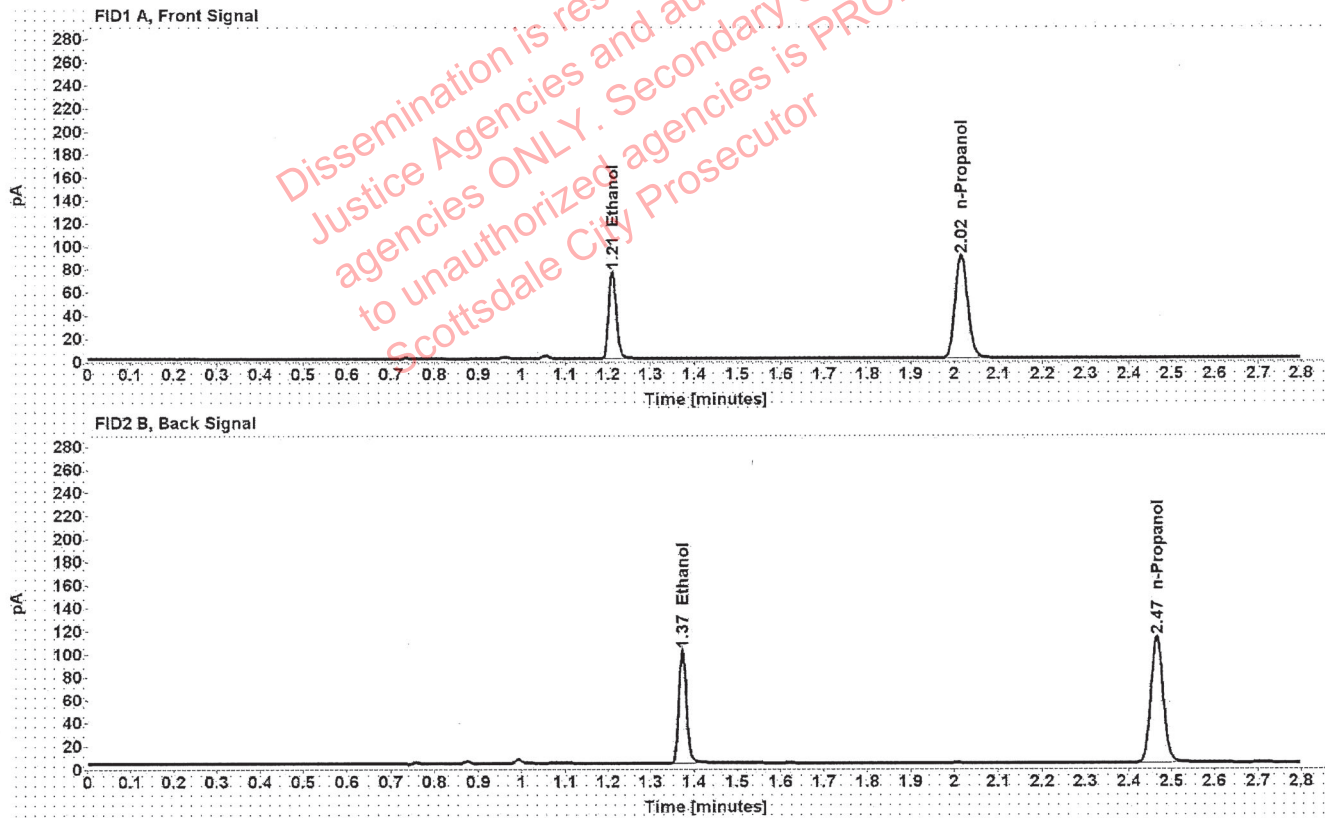


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1516	1.210	96.688
n-Propanol	-----	2.015	177.995

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

Compound	Time (min)	Peak Area
Ethanol	1.373	120.775
n-Propanol	2.466	222.030

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361091	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:36:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\26.D	Analyst:	Abbott

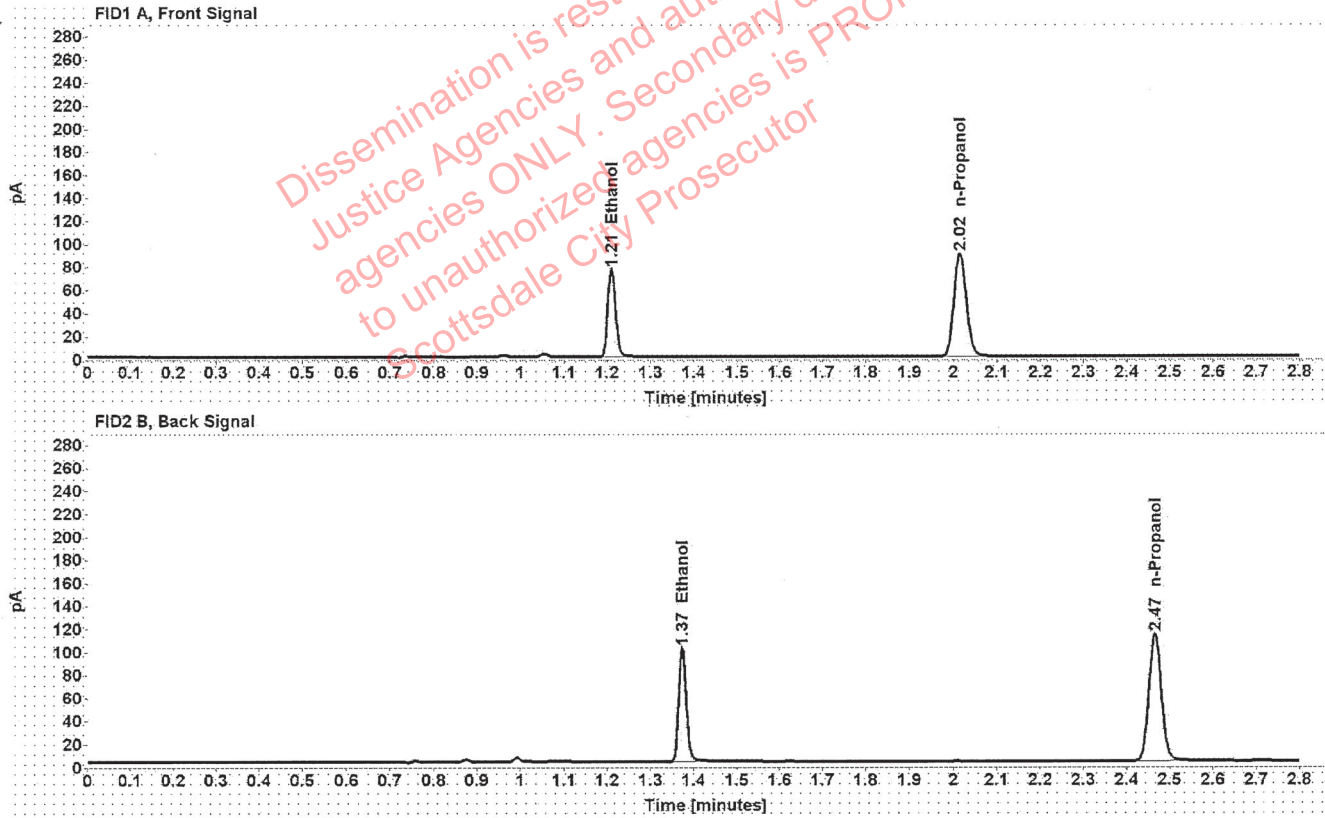


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1513	1.210	96.883
n-Propanol	-----	2.015	178.740

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

Compound	Time (min)	Peak Area
Ethanol	1.373	121.443
n-Propanol	2.465	223.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386648	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:40:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\27.D	Analyst:	Abbott

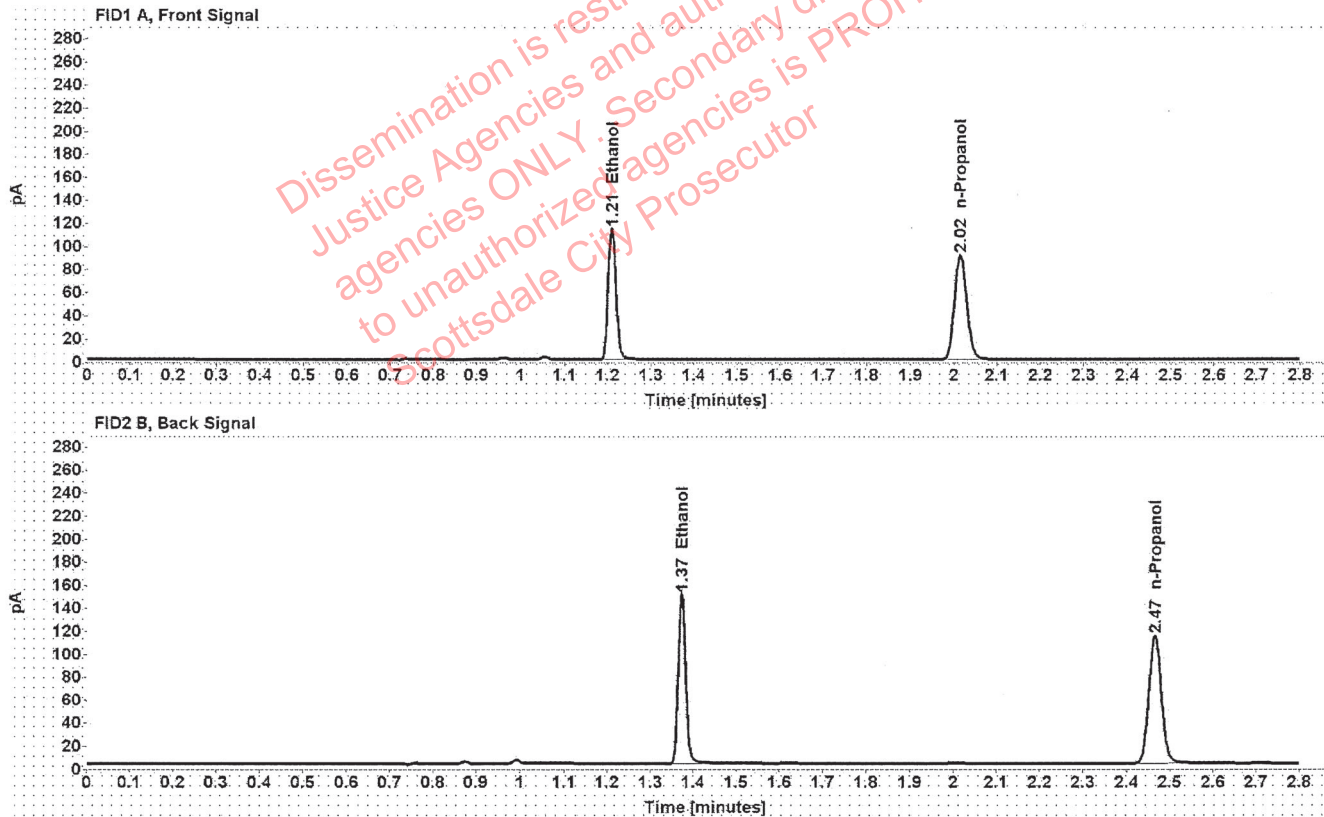


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2244	1.209	144.840
n-Propanol	-----	2.015	179.859

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

Compound	Time (min)	Peak Area
Ethanol	1.373	183.340
n-Propanol	2.465	224.860

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386648	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:44:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\28.D	Analyst:	Abbott

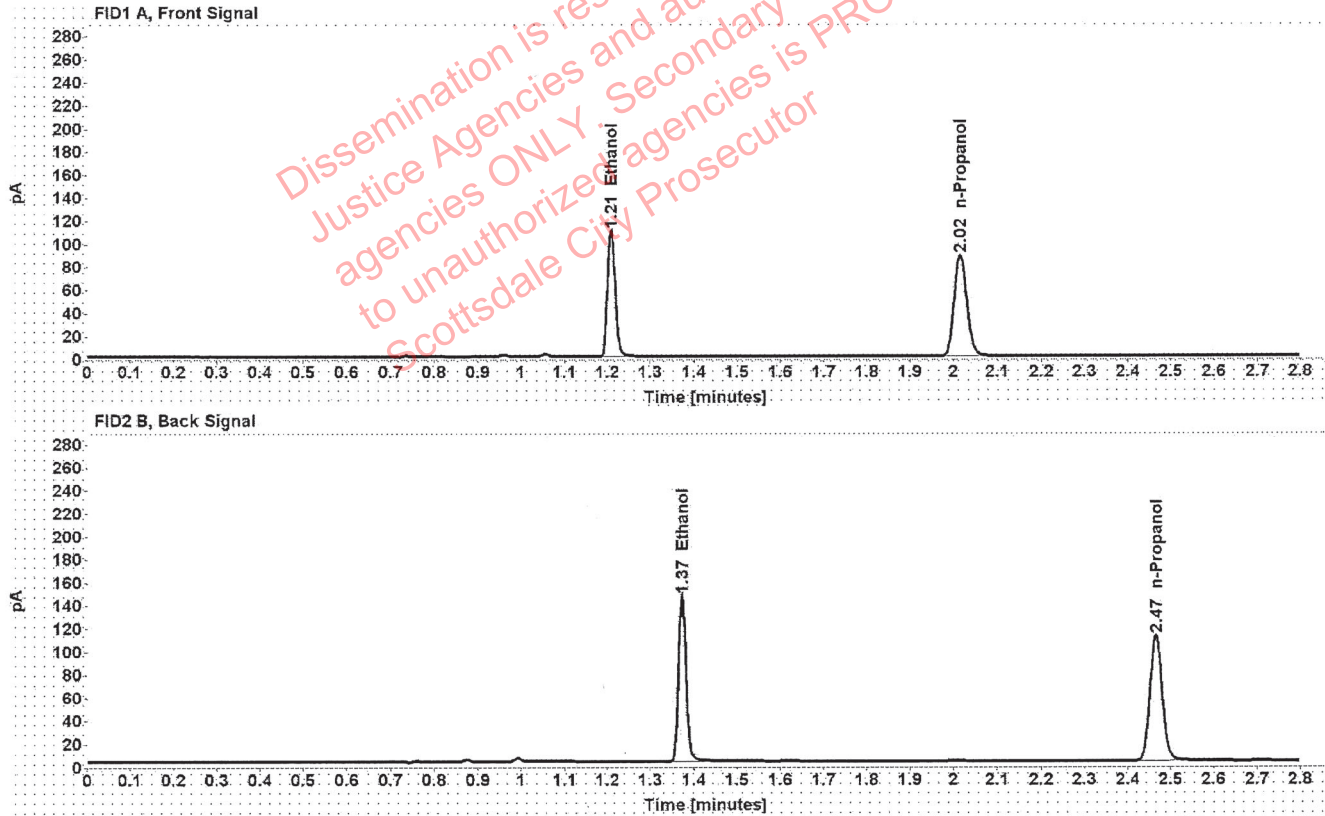


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2228	1.209	140.216
n-Propanol	-----	2.015	175.327

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

Compound	Time (min)	Peak Area
Ethanol	1.373	177.597
n-Propanol	2.465	219.189

Abbott, Lori - (01-Sep-2021)

Case: User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386639	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:48:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\29.D	Analyst:	Abbott

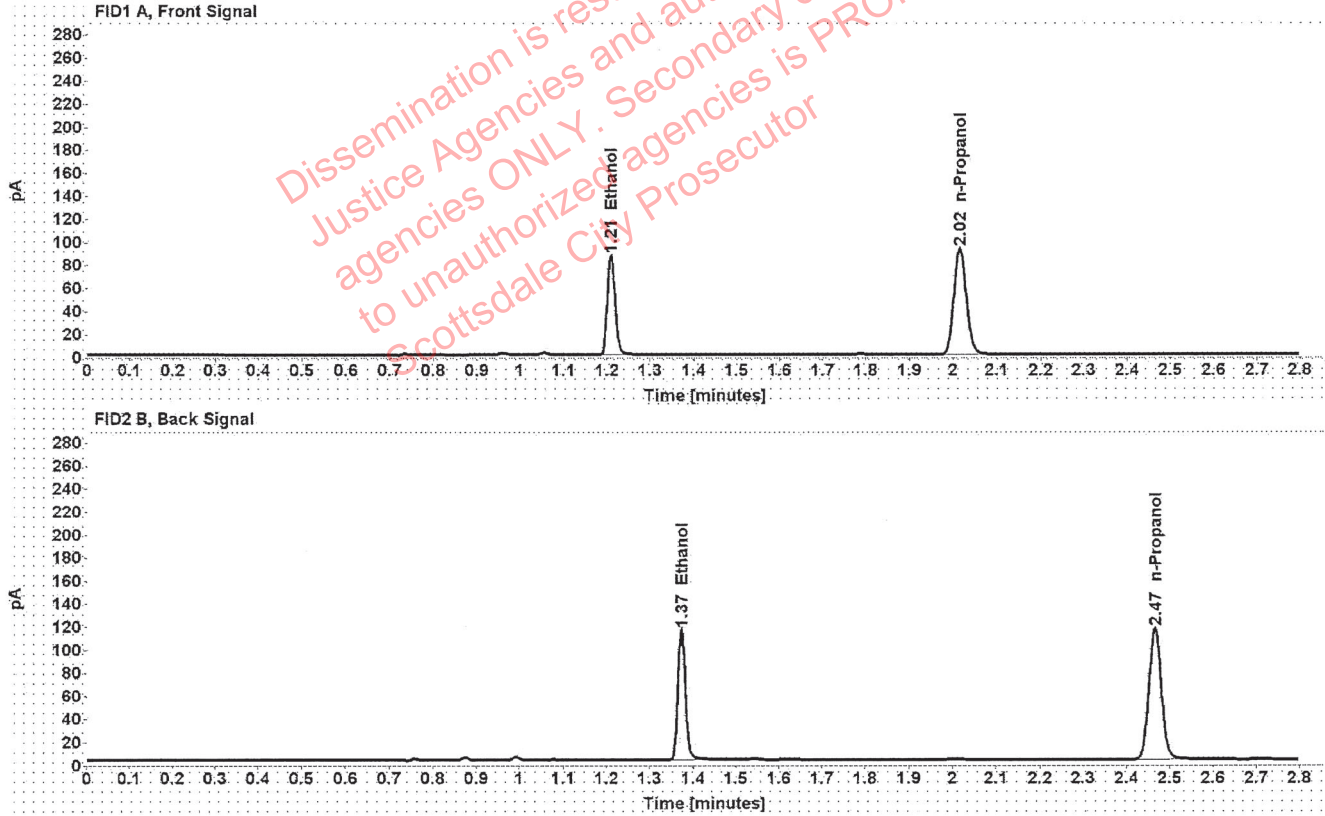


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1683	1.210	110.452
n-Propanol	-----	2.015	183.012

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

Compound	Time (min)	Peak Area
Ethanol	1.373	138.630
n-Propanol	2.465	229.278

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386639	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 4:52:36 PM
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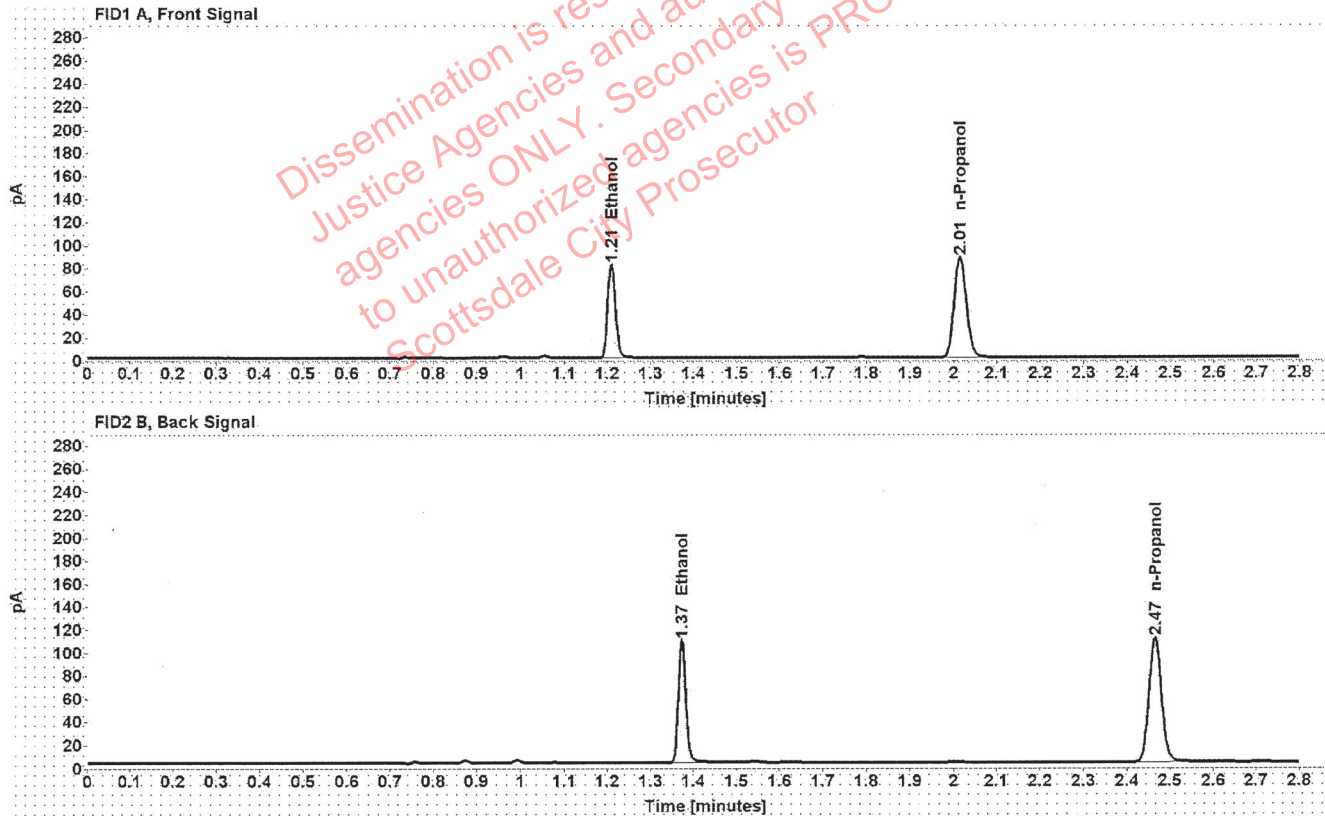


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1670	1.210	103.848
n-Propanol	-----	2.015	173.475

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

Compound	Time (min)	Peak Area
Ethanol	1.373	131.404
n-Propanol	2.465	217.055

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386548	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:00:54 PM
Data file:	C:\Chem32\1\Data\31Aug21\32.D	Analyst:	Abbott

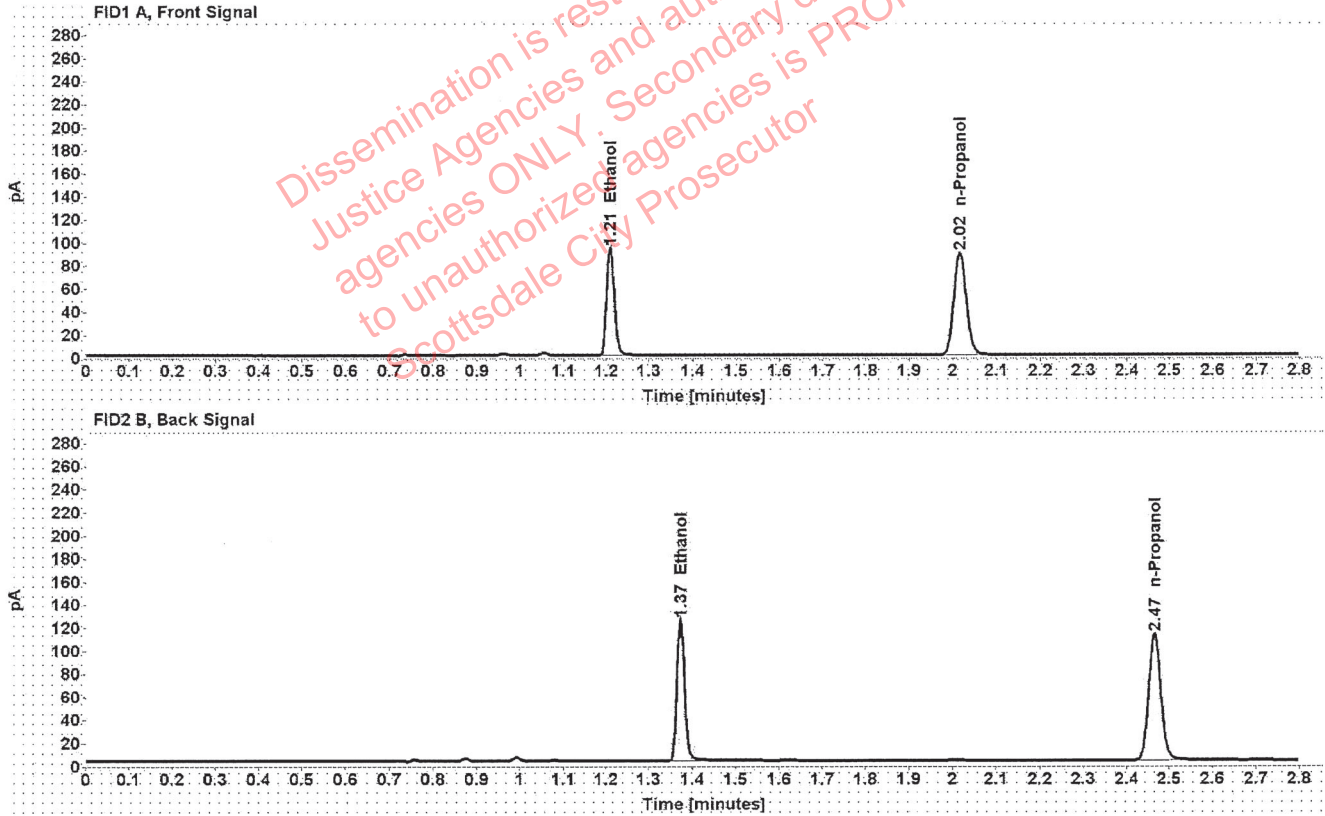


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1883	1.210	119.672
n-Propanol	-----	2.015	177.153

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

Compound	Time (min)	Peak Area
Ethanol	1.373	151.581
n-Propanol	2.466	221.640

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386548	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:04:53 PM
Data file:	C:\Chem32\1\Data\31Aug21\33.D	Analyst:	Abbott

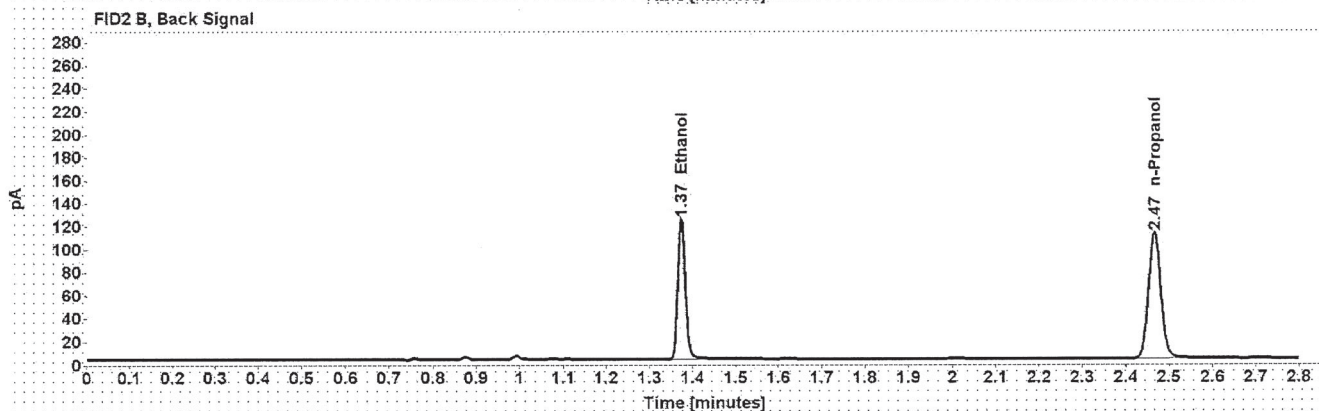
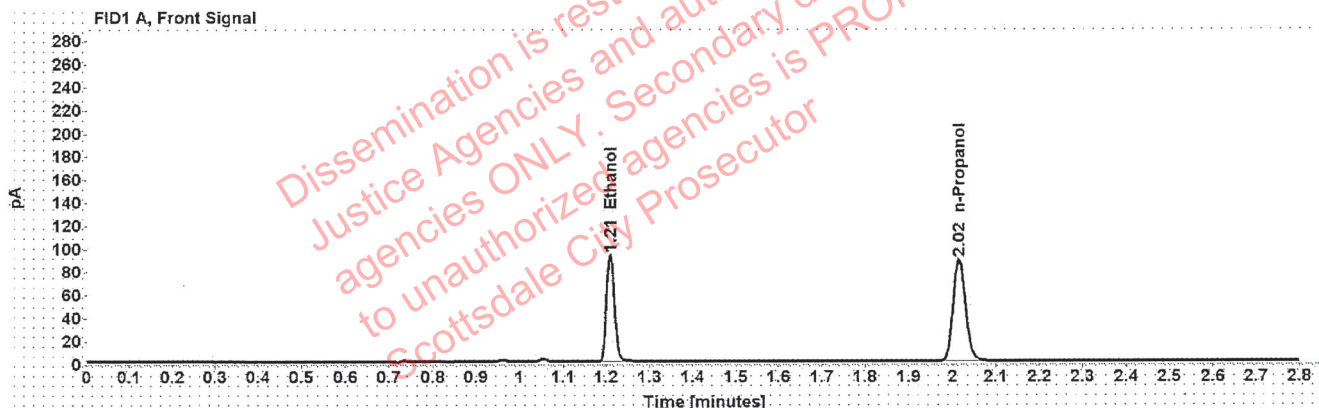


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1880	1.210	118.698
n-Propanol	-----	2.015	175.980

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

Compound	Time (min)	Peak Area
Ethanol	1.373	150.408
n-Propanol	2.466	220.071

Abbott, Lori - (01-Sep-2021)

Case: User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382230	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:08:54 PM
Data file:	C:\Chem32\1\Data\31Aug21\34.D	Analyst:	Abbott

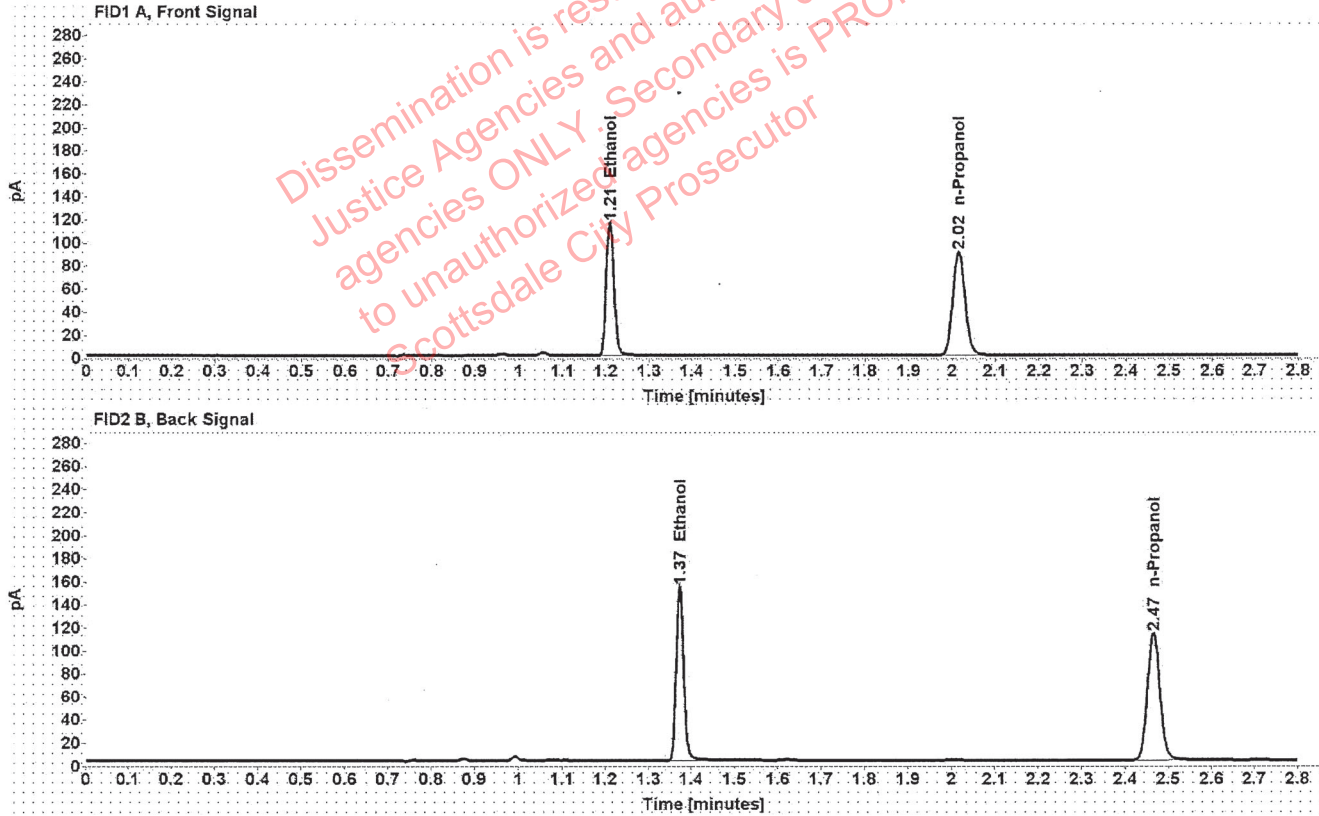


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2302	1.209	147.690
n-Propanol	-----	2.015	178.738

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

Compound	Time (min)	Peak Area
Ethanol	1.373	186.980
n-Propanol	2.466	223.657

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382230	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:12:52 PM
Data file:	C:\Chem32\1\Data\31Aug21\35.D	Analyst:	Abbott

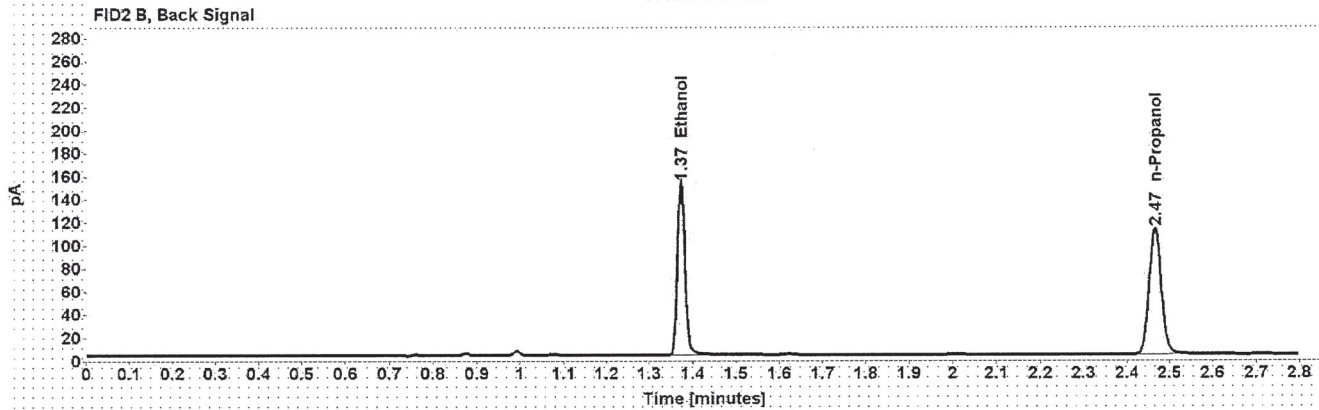
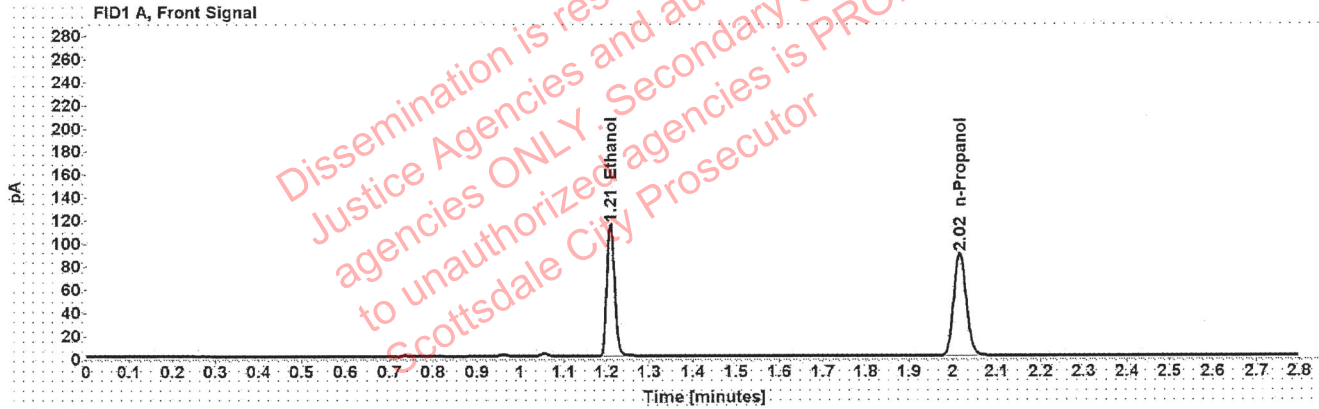


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2309	1.209	146.230
n-Propanol	-----	2.015	176.436

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

Compound	Time (min)	Peak Area
Ethanol	1.373	185.211
n-Propanol	2.465	220.943

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386441	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:16:53 PM
Data file:	C:\Chem32\1\Data\31Aug21\36.D	Analyst:	Abbott

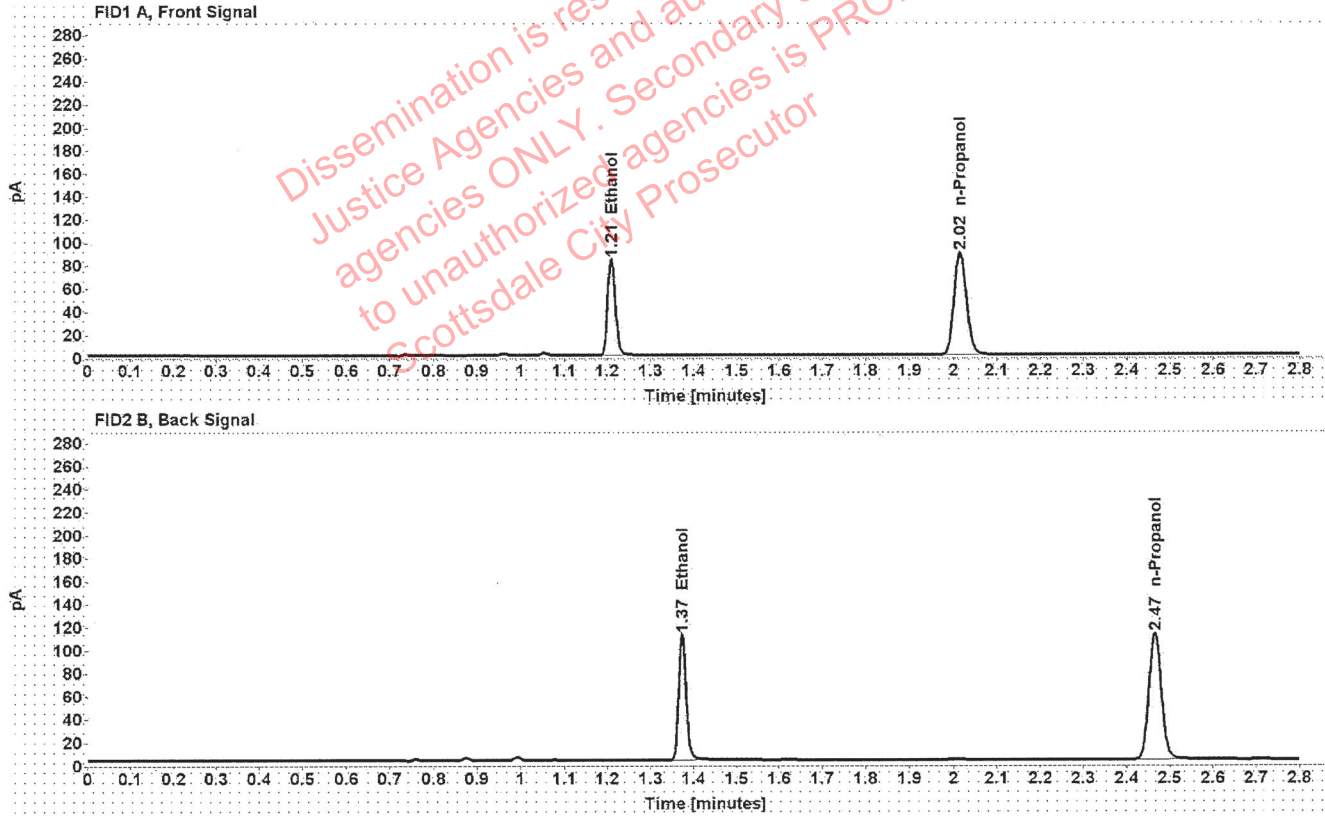


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1680	1.210	106.415
n-Propanol	-----	2.015	176.626

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

Compound	Time (min)	Peak Area
Ethanol	1.373	133.349
n-Propanol	2.465	221.018

[REDACTED]: Abbott, Lori - (01-Sep-2021)

Case: [REDACTED] User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386441	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:21:07 PM
Data file:	C:\Chem32\1\Data\31Aug21\37.D	Analyst:	Abbott

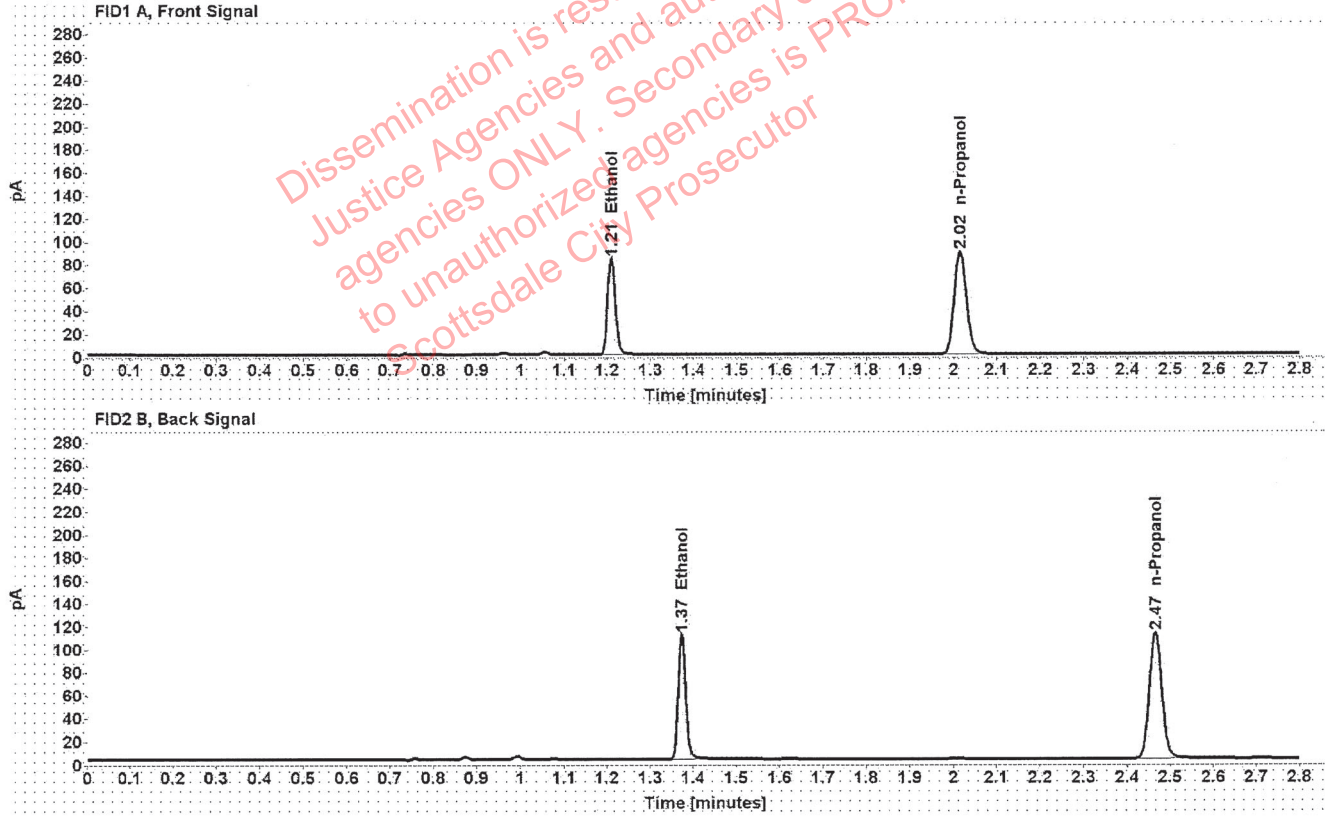


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1677	1.210	106.477
n-Propanol	-----	2.015	177.116

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

Compound	Time (min)	Peak Area
Ethanol	1.373	133.130
n-Propanol	2.465	221.537

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365228	Vial:	38
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:25:08 PM
Data file:	C:\Chem32\1\Data\31Aug21\38.D	Analyst:	Abbott

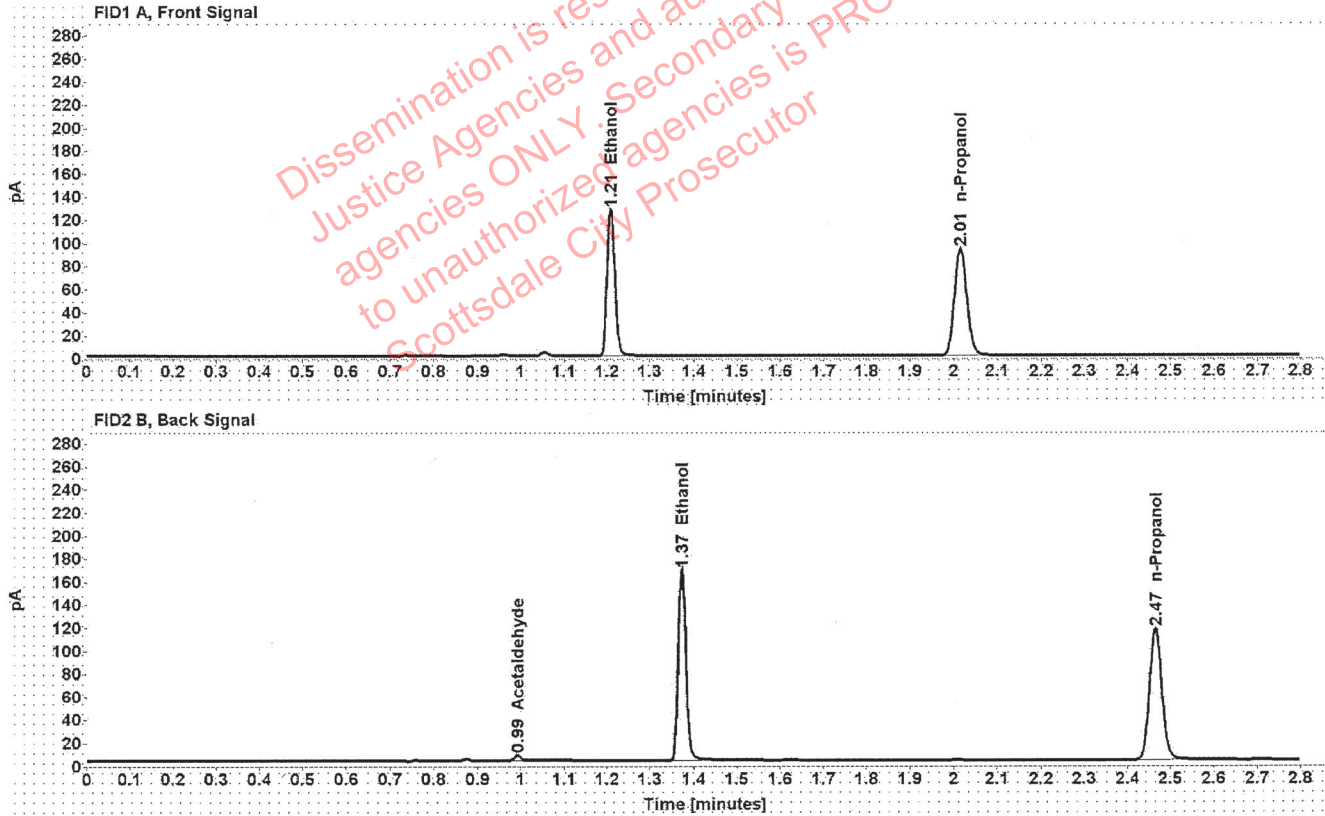


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2450	1.209	162.062
n-Propanol	-----	2.015	184.236

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.494
Ethanol	1.373	203.970
n-Propanol	2.465	230.098

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1365228	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:29:08 PM
Data file:	C:\Chem32\1\Data\31Aug21\39.D	Analyst:	Abbott

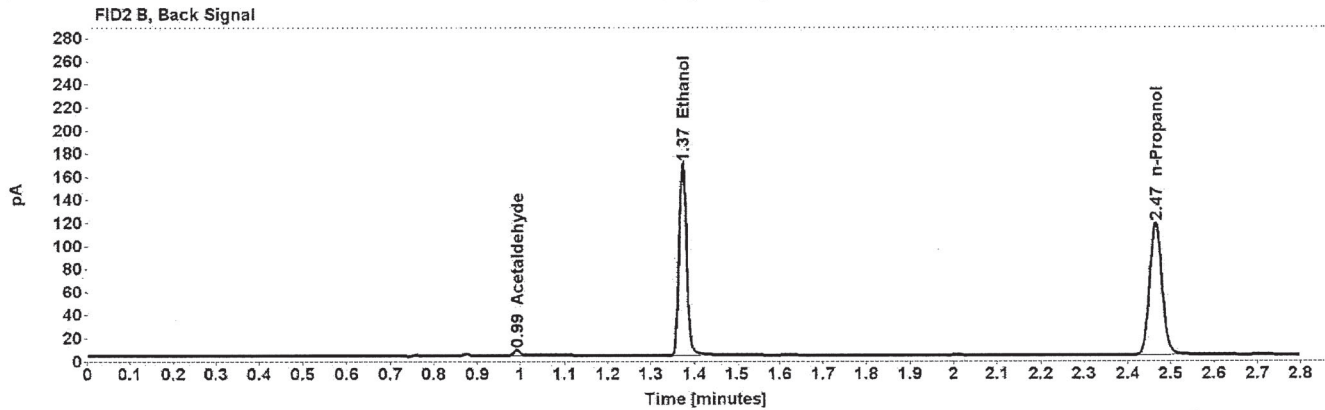
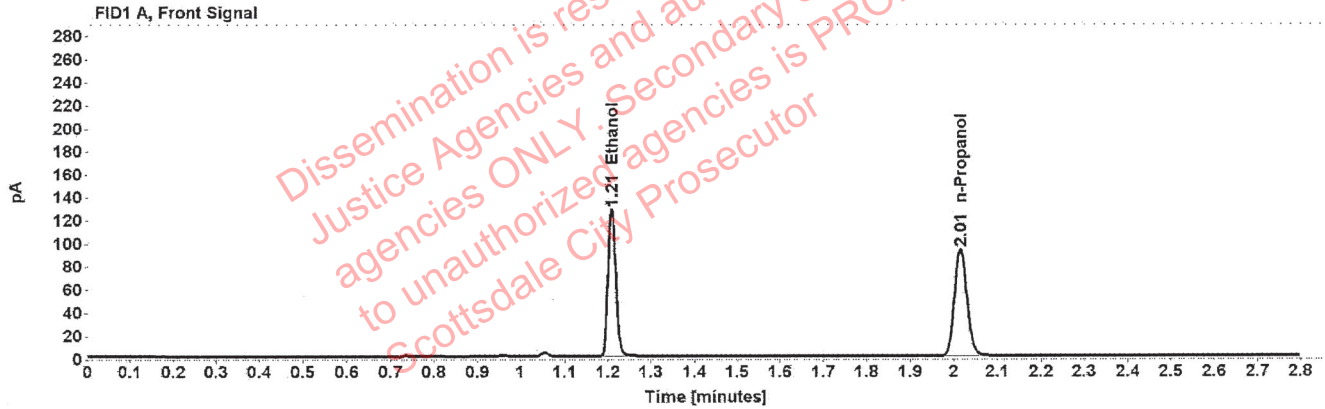


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2454	1.209	162.999
n-Propanol	-----	2.015	185.018

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.642
Ethanol	1.373	205.098
n-Propanol	2.465	231.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386443	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:33:07 PM
Data file:	C:\Chem32\1\Data\31Aug21\40.D	Analyst:	Abbott

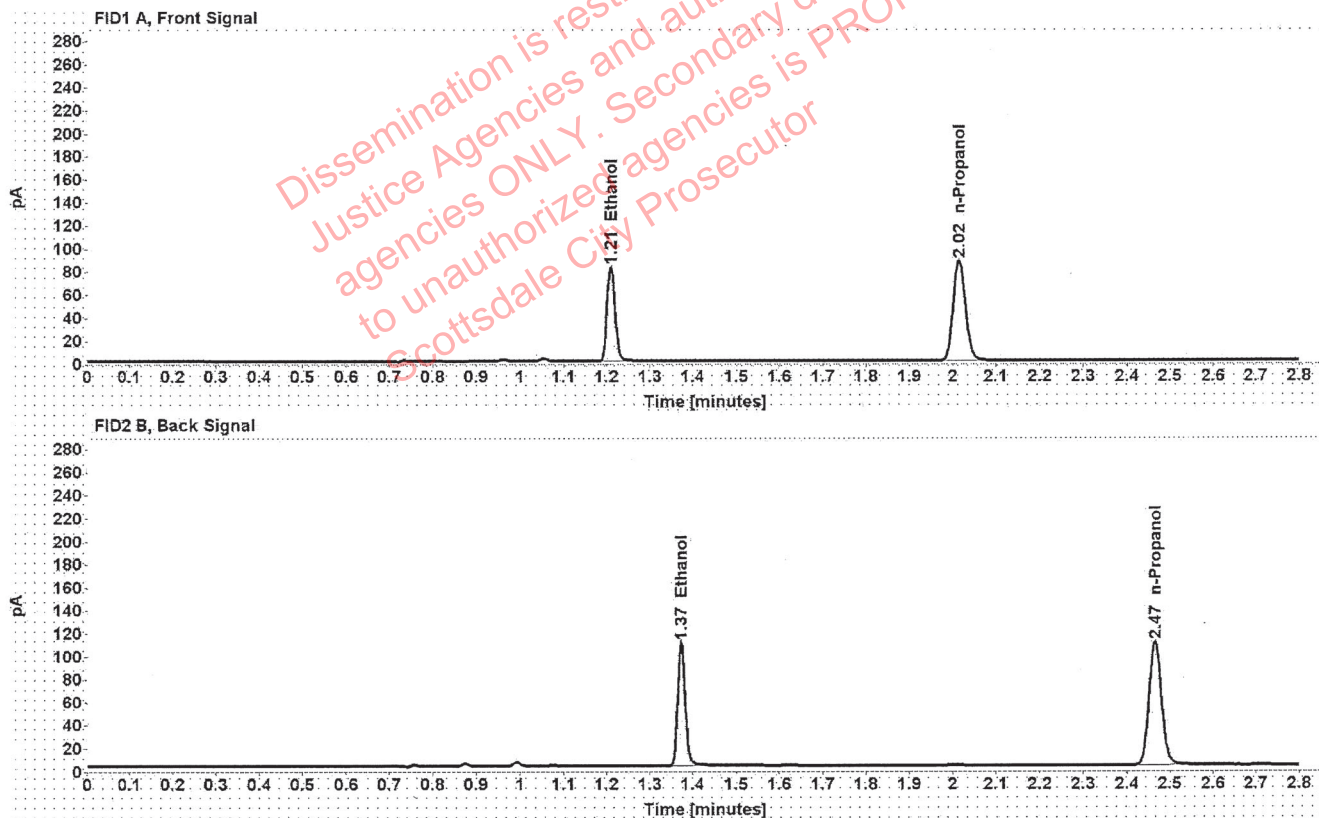


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1685	1.210	105.156
n-Propanol	-----	2.015	174.053

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

Compound	Time (min)	Peak Area
Ethanol	1.373	131.733
n-Propanol	2.465	217.920

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386443	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:37:09 PM
Data file:	C:\Chem32\1\Data\31Aug21\41.D	Analyst:	Abbott

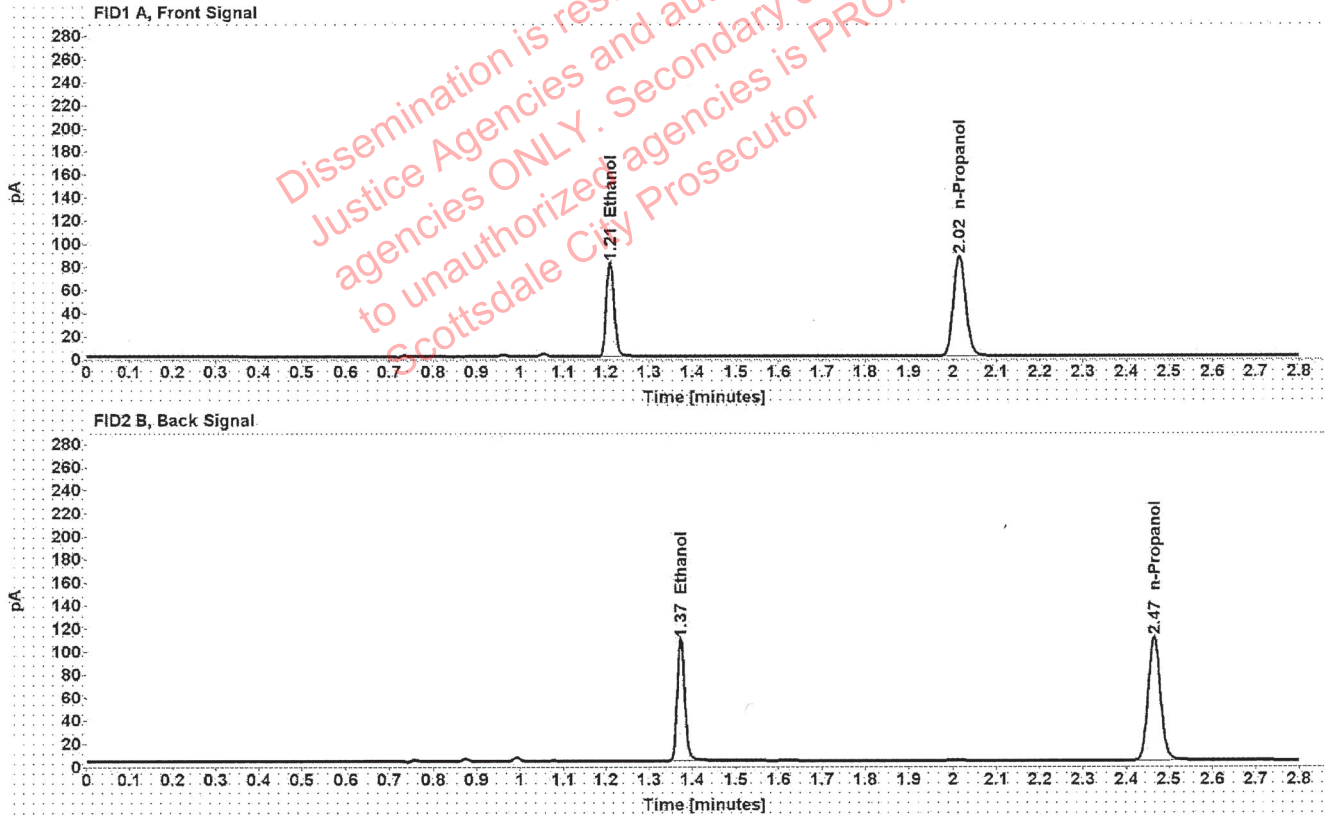


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1678	1.209	104.021
n-Propanol	-----	2.015	172.881

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

Compound	Time (min)	Peak Area
Ethanol	1.373	130.416
n-Propanol	2.465	216.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1351476	Vial:	43
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:45:22 PM
Data file:	C:\Chem32\1\Data\31Aug21\43.D	Analyst:	Abbott

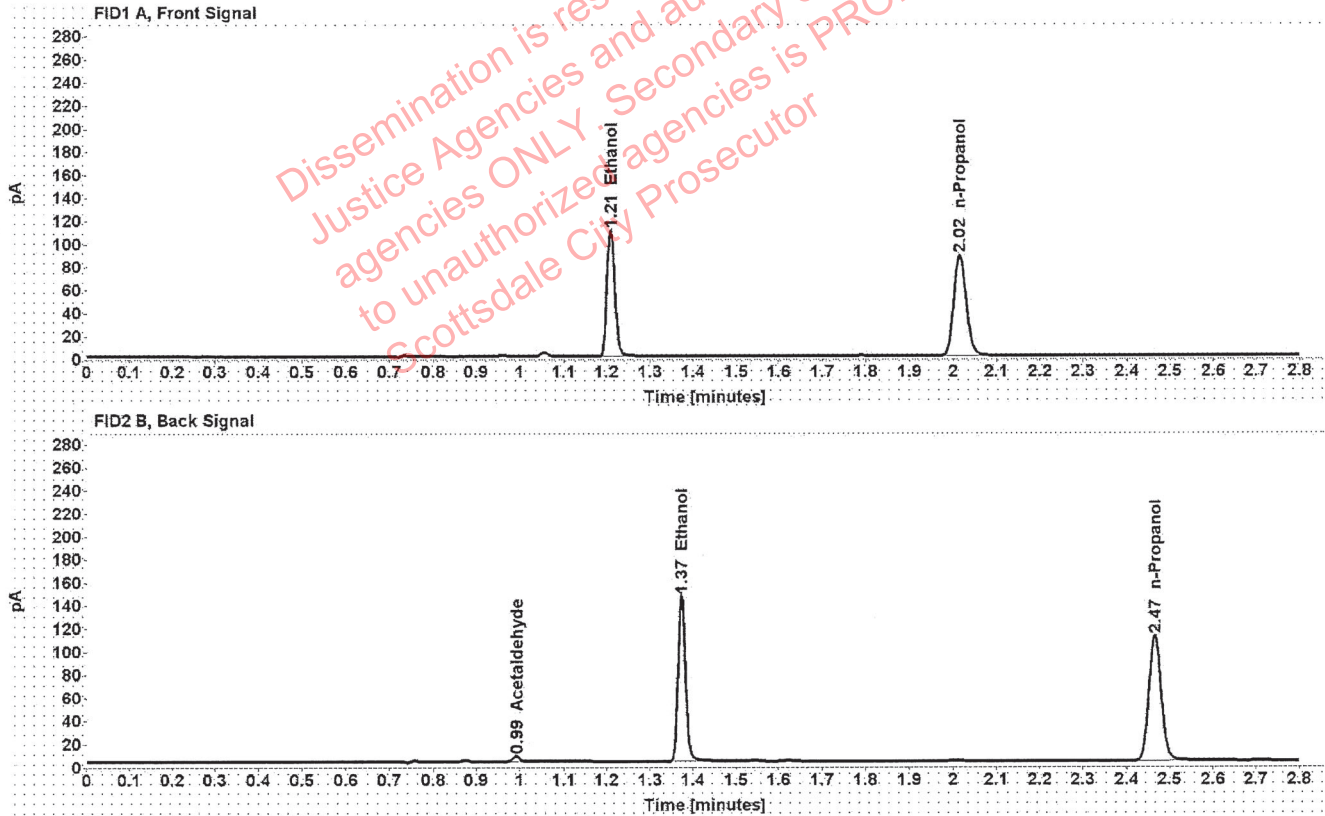


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2238	1.209	140.569
n-Propanol	-----	2.015	175.028

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.674
Ethanol	1.373	176.749
n-Propanol	2.466	218.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1351476	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:49:24 PM
Data file:	C:\Chem32\1\Data\31Aug21\44.D	Analyst:	Abbott

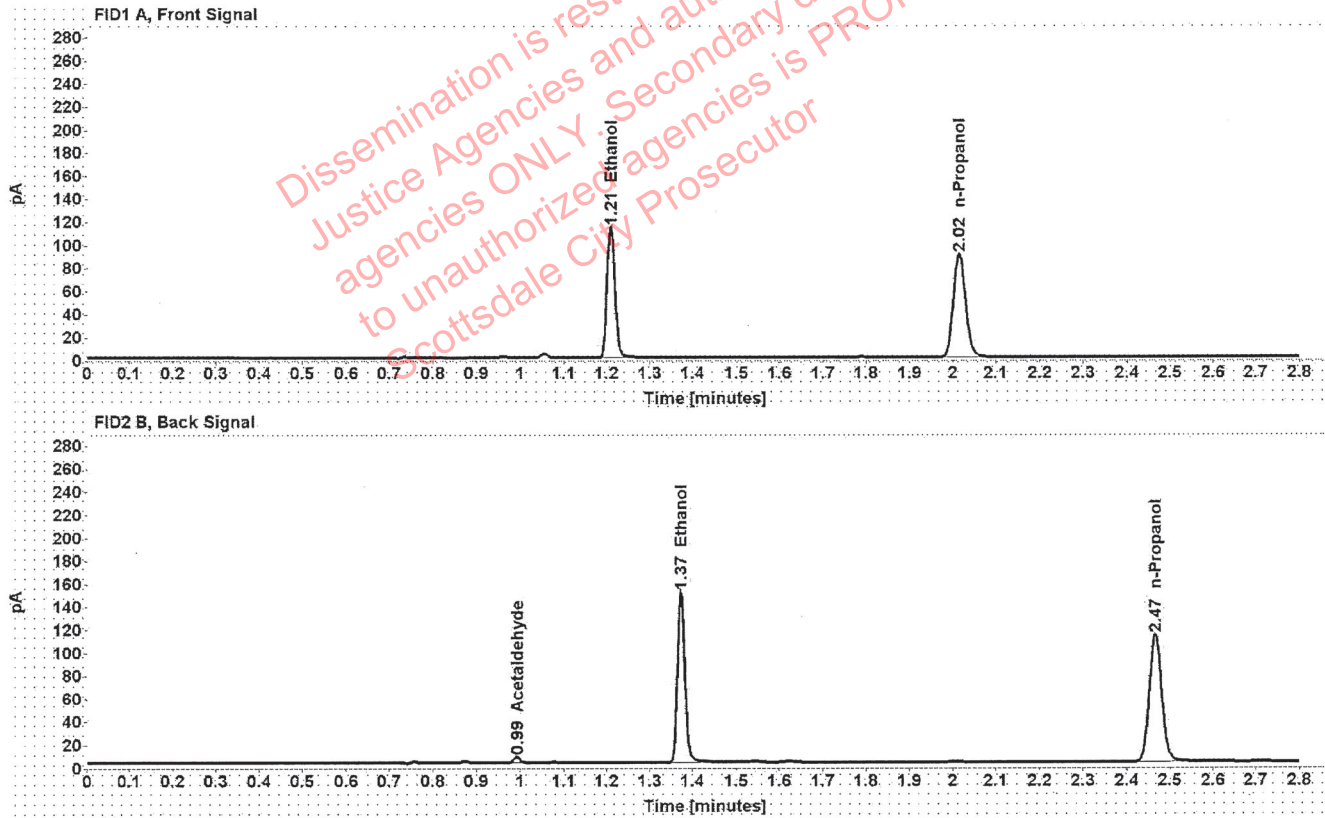


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2257	1.209	144.924
n-Propanol	-----	2.015	178.876

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.684
Ethanol	1.373	182.548
n-Propanol	2.466	224.121

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386942	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:53:22 PM
Data file:	C:\Chem32\1\Data\31Aug21\45.D	Analyst:	Abbott

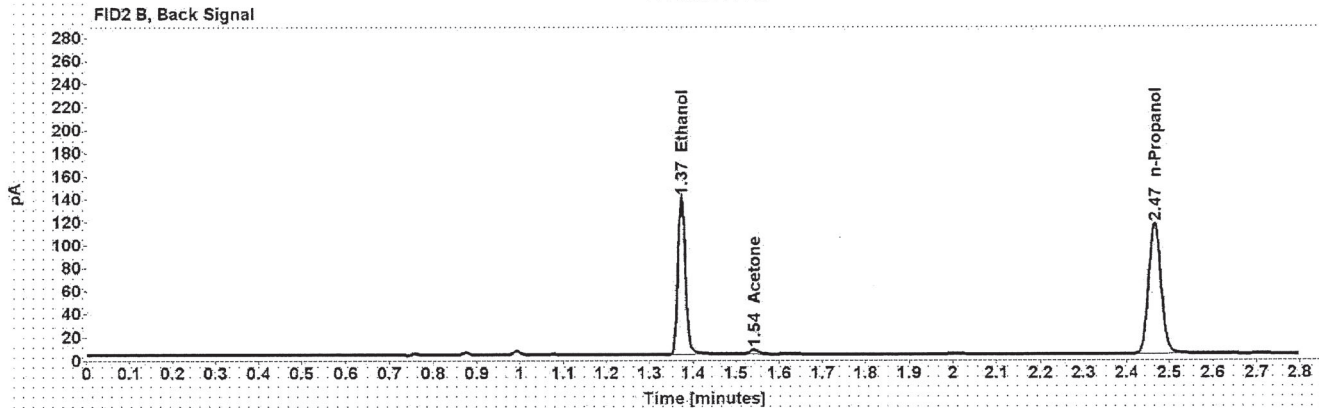
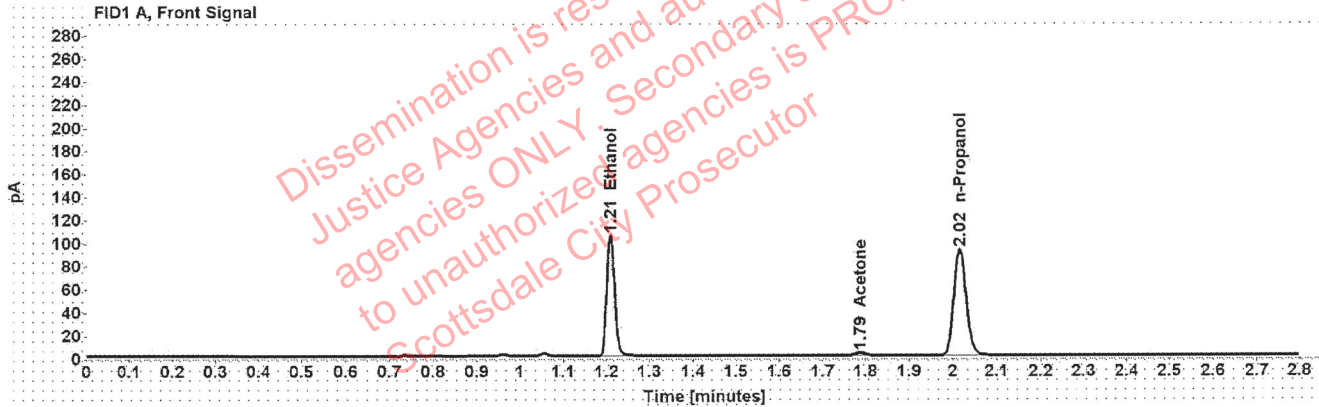


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.210	133.523
Acetone	-----	1.787	4.260
n-Propanol	-----	2.015	183.229

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

Compound	Time (min)	Peak Area
Ethanol	1.373	167.398
Acetone	1.542	5.256
n-Propanol	2.466	229.038

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386942	Vial:	46
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 5:57:22 PM
Data file:	C:\Chem32\1\Data\31Aug21\46.D	Analyst:	Abbott

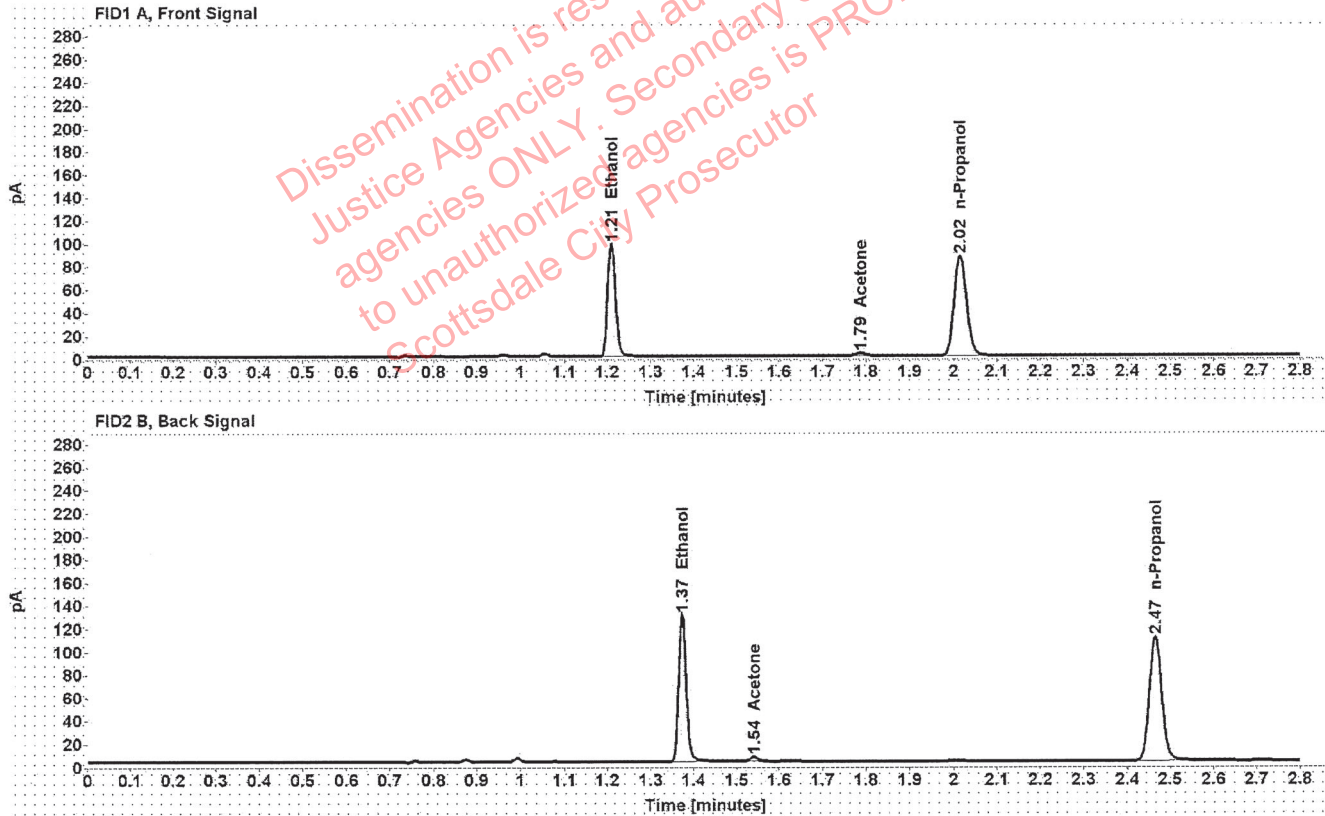


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2007	1.209	124.813
Acetone	-----	1.787	4.176
n-Propanol	-----	2.015	173.359

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

Compound	Time (min)	Peak Area
Ethanol	1.373	156.551
Acetone	1.541	5.103
n-Propanol	2.465	216.656

Abbott, Lori - (01-Sep-2021)

Case: User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386874	Vial:	47
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 6:01:22 PM
Data file:	C:\Chem32\1\Data\31Aug21\47.D	Analyst:	Abbott

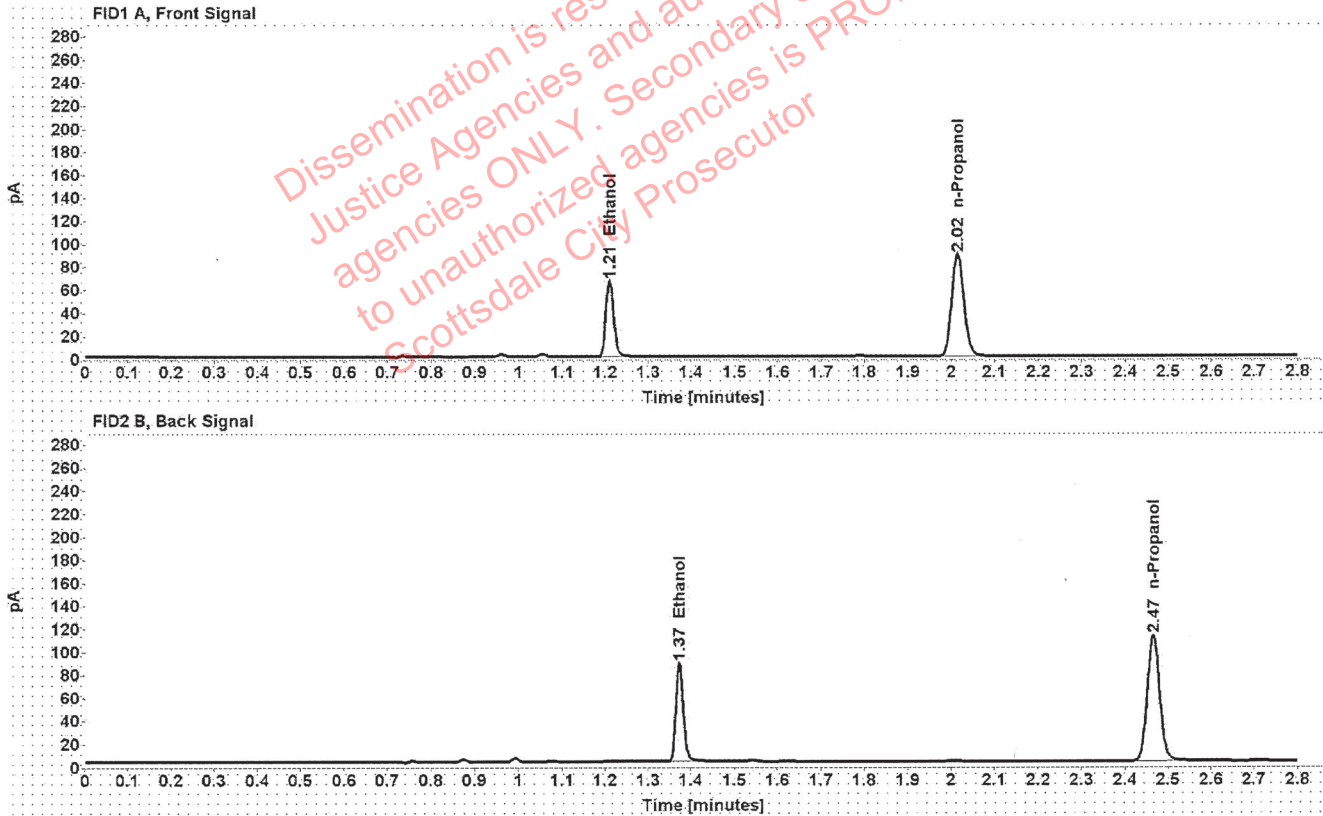


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1329	1.210	83.939
n-Propanol	-----	2.015	176.432

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

Compound	Time (min)	Peak Area
Ethanol	1.373	105.053
n-Propanol	2.465	220.679

Abbott, Lori - (01-Sep-2021)

Case: User: LAbbott 9/1/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386874	Vial:	48
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 6:05:22 PM
Data file:	C:\Chem32\1\Data\31Aug21\48.D	Analyst:	Abbott

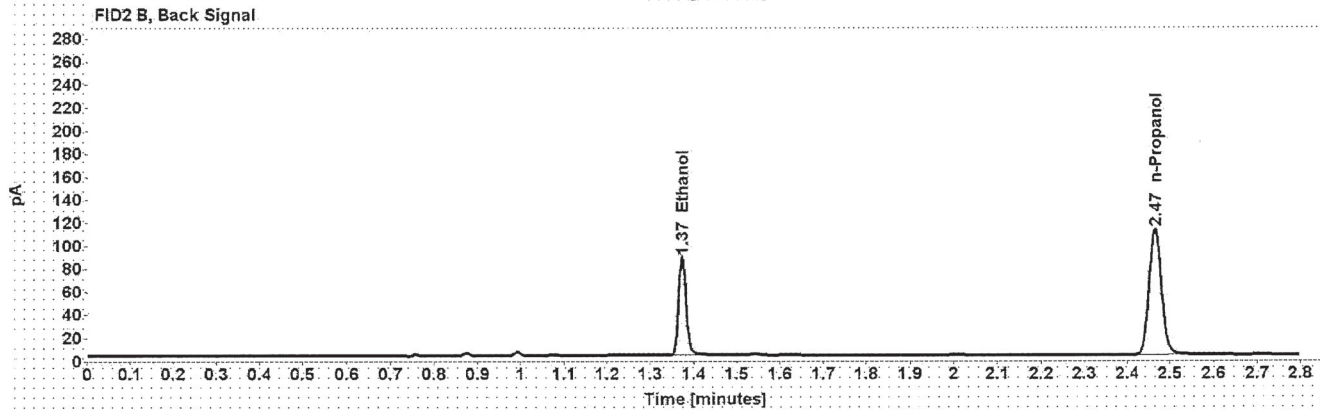
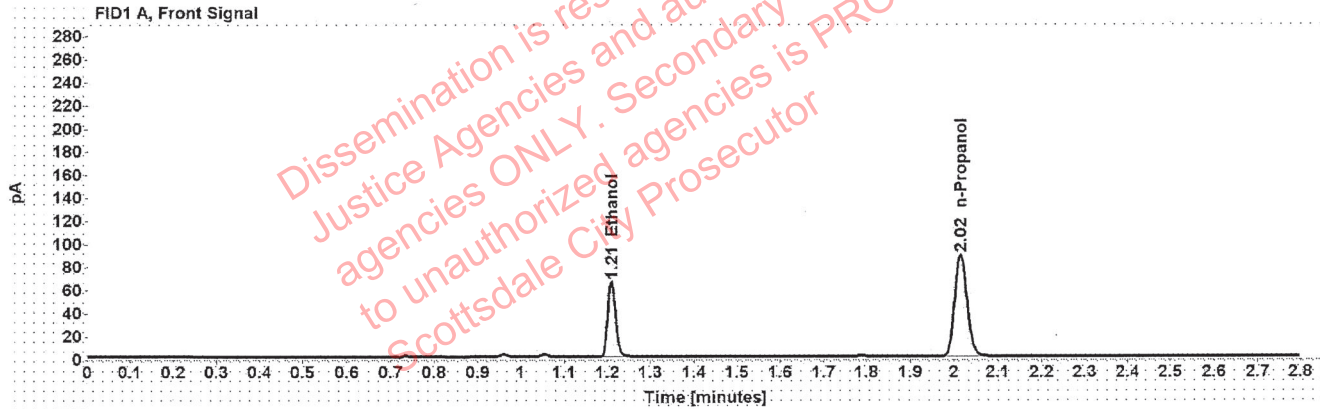


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1325	1.210	83.493
n-Propanol	-----	2.015	175.994

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

Compound	Time (min)	Peak Area
Ethanol	1.373	104.686
n-Propanol	2.465	220.143

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386635	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 6:09:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\49.D	Analyst:	Abbott

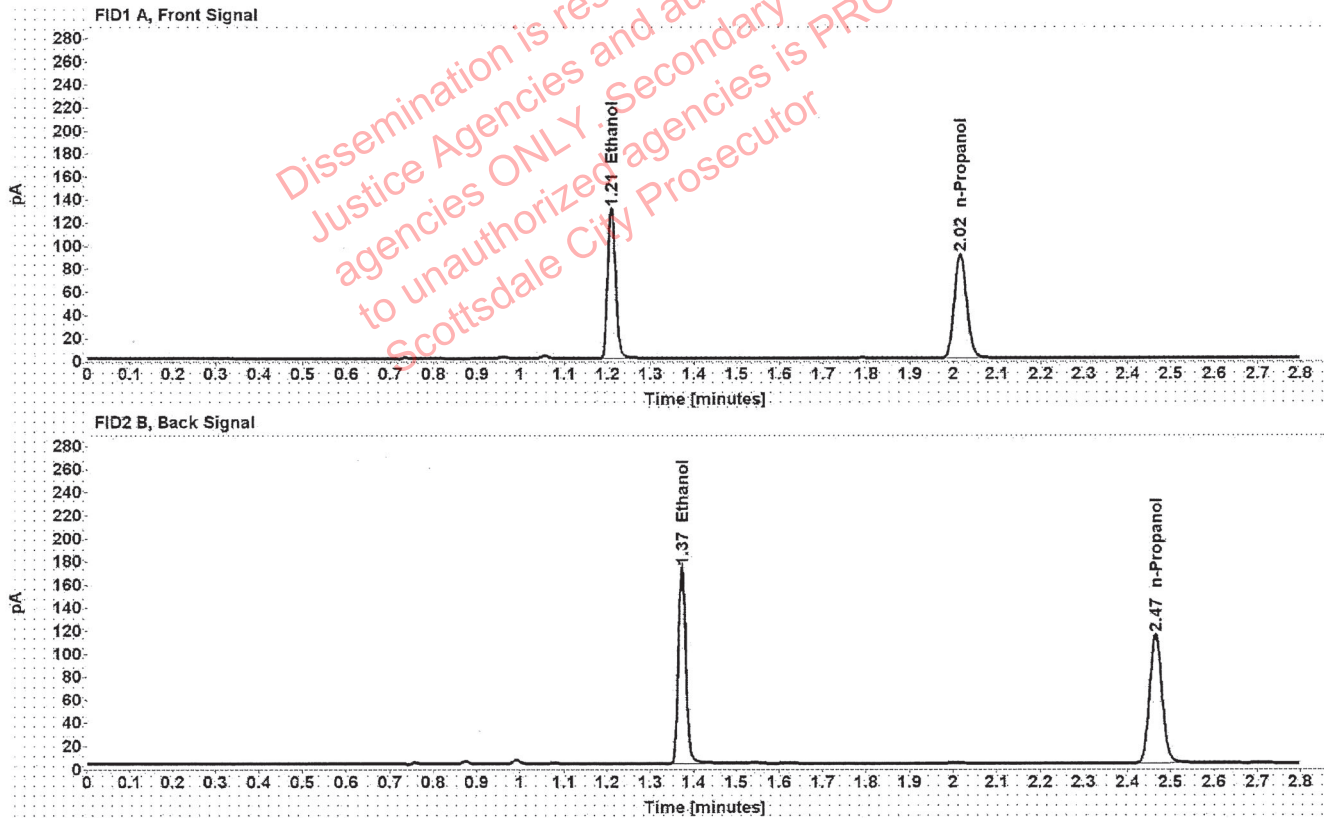


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2567	1.209	166.260
n-Propanol	-----	2.015	180.351

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

Compound	Time (min)	Peak Area
Ethanol	1.373	210.480
n-Propanol	2.465	225.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386635	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	31Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/31/2021 6:13:37 PM
Data file:	C:\Chem32\1\Data\31Aug21\50.D	Analyst:	Abbott

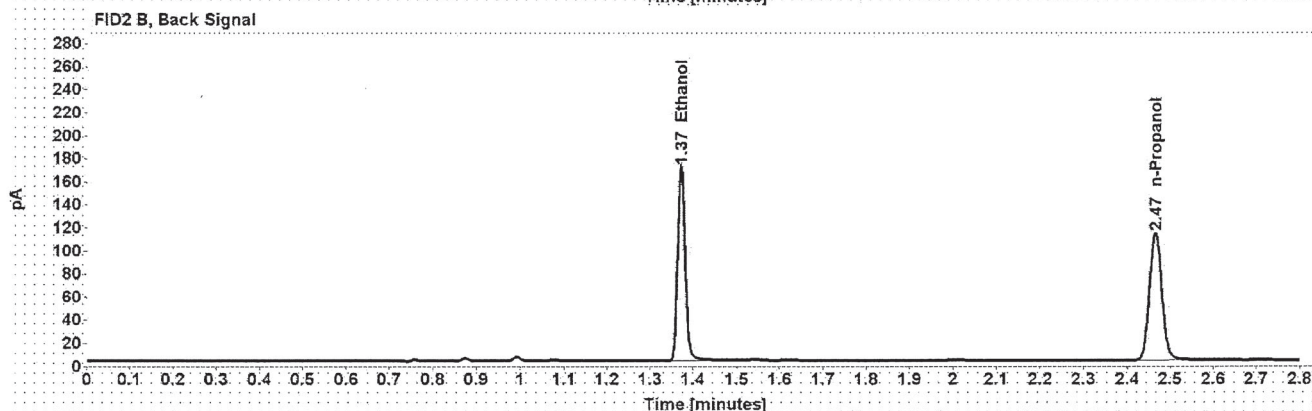
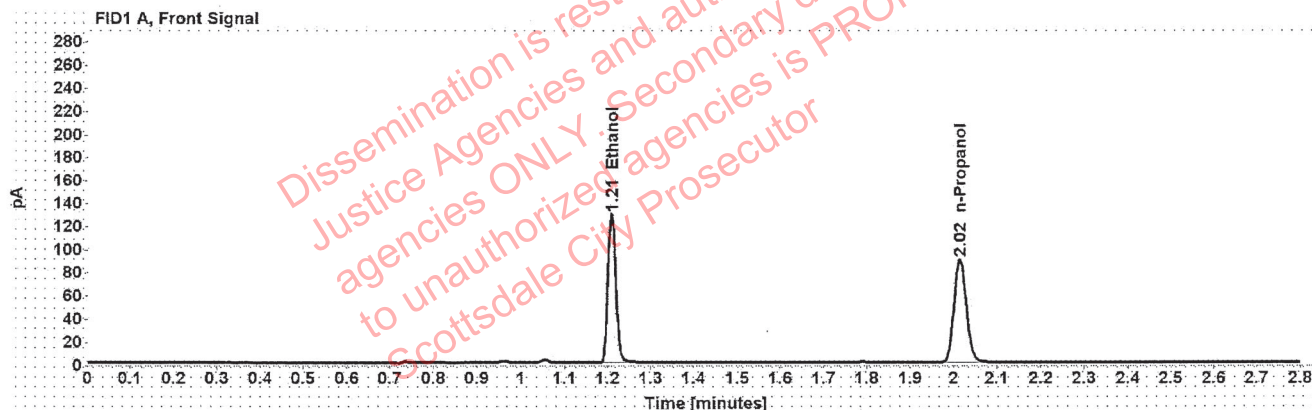


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2562	1.209	163.901
n-Propanol	-----	2.015	178.161

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

Compound	Time (min)	Peak Area
Ethanol	1.373	207.675
n-Propanol	2.465	223.005