



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 3

Date	N ₂ Tank Pressure	H ₂ Pressure		Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Initials
			H ₂ Water Level			Pass/Fail	Pass/Fail		
12/20/21	70 350	70	yes	70 1200	70 1700	pass	pass		JMR

Signature: _____

Date Completed: _____

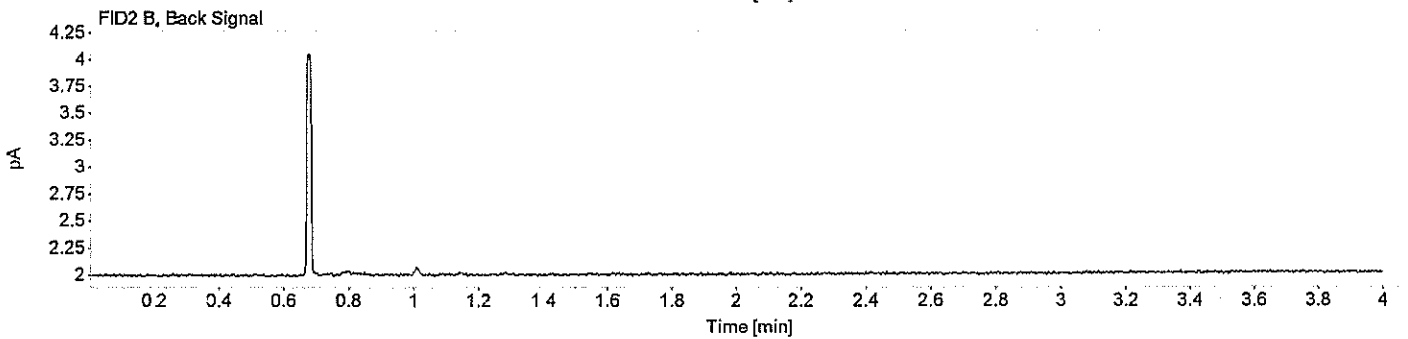
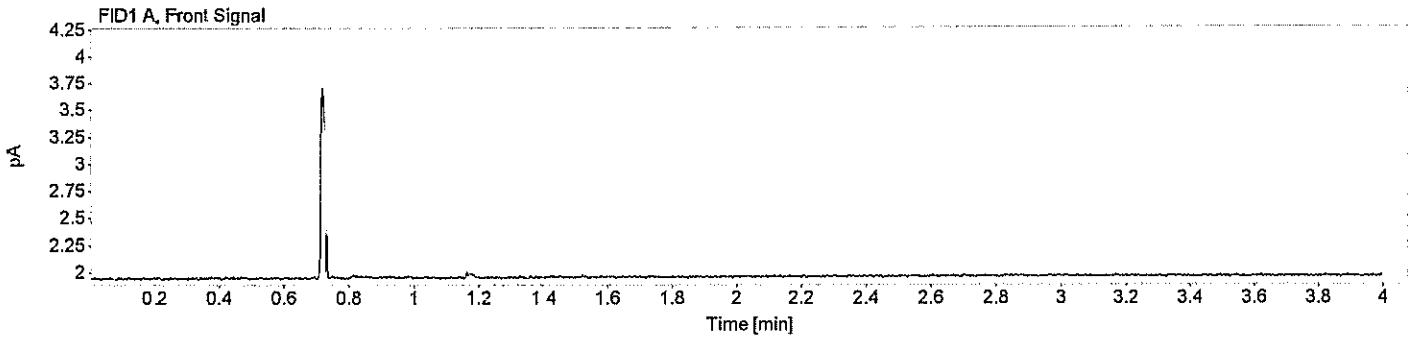
12/28/2021

~~JP 12/28/2021~~

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 1
Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 12/20/2021 9:17:28 AM
Data file: C:\Chem32\1\Data\ALC_20211220_TEST 2021-12-20 09-08-26\001F0101.D

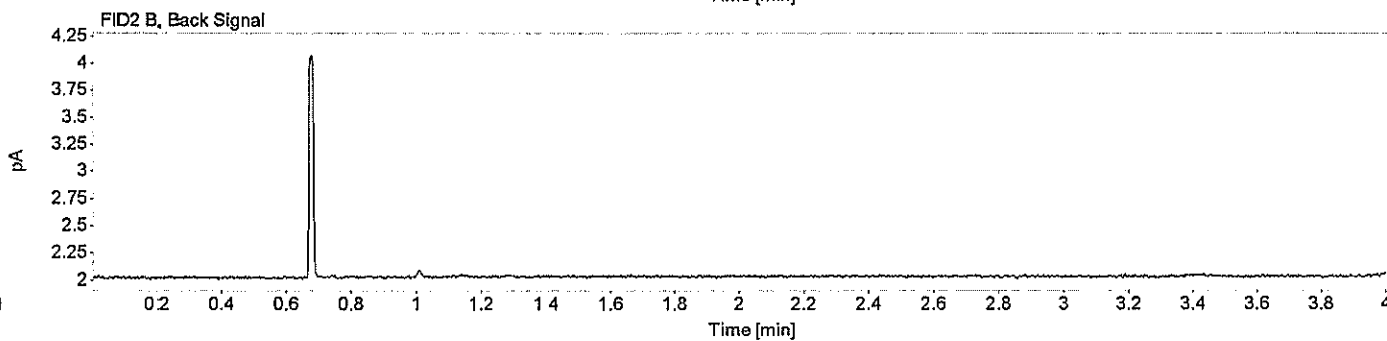
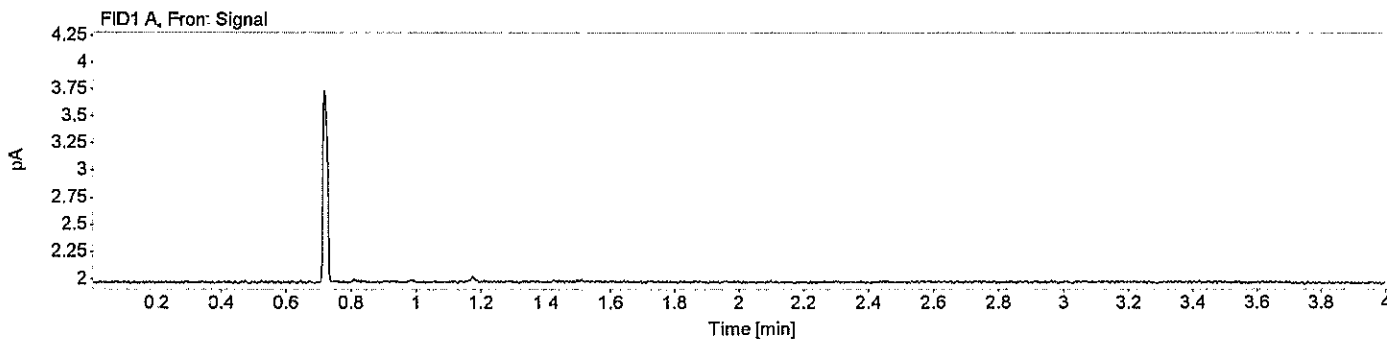


AMR

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Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 12/20/2021 9:21:58 AM
Data file: C:\Chem32\11\Data\ALC_20211220_TEST 2021-12-20 09-08-26\002F0201.D

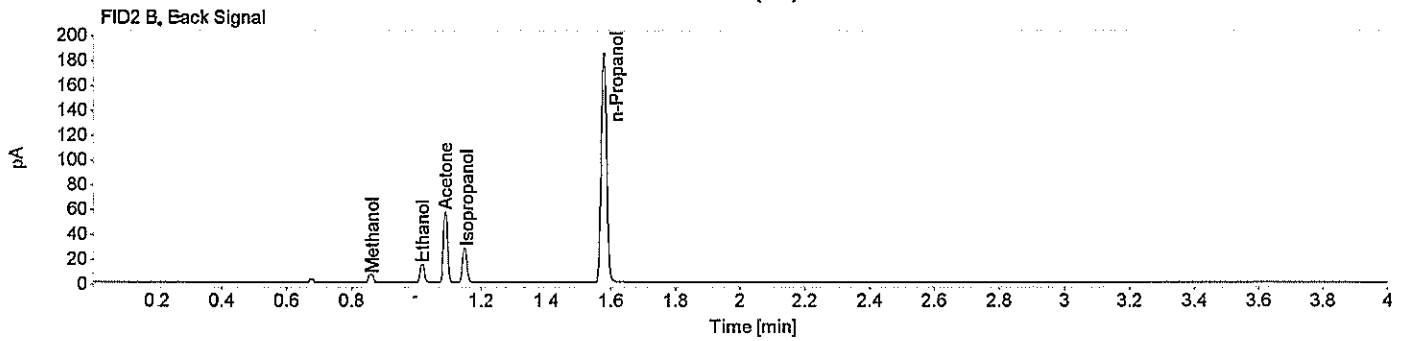
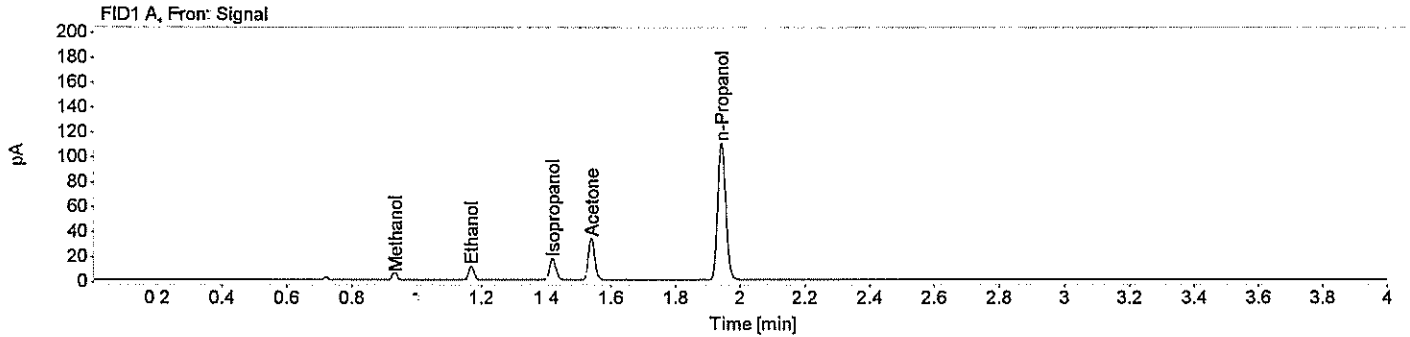


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Houston Forensic Science Center, Inc.
 Comparative and Analytical Division - Toxicology
 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 12/20/2021 9:27:51 AM
 Data file: C:\Chem3211\Data\ALC_20211220_TEST 2021-12-20 09-08-26\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.03182		0.933	0.933	6.0560	0.0114
Ethanol	0.86659		1.168	1.167	12.2966	0.0116
Isopropanol	0.86549		1.419	1.419	23.5516	0.0100
Acetone	0.86640		1.539	1.539	46.1568	0.0104
n-Propanol	0.88495		1.943	1.943	190.8632	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.37503		0.861	0.862	6.8427	0.0112
Ethanol	0.92620		1.018	1.019	14.0861	0.0116
Acetone	0.92768		1.089	1.090	52.2151	0.0104
Isopropanol	0.91086		1.148	1.151	26.7196	0.0100
n-Propanol	0.95102		1.579	1.582	215.5616	0.0100

QAWR