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FULL SPECTRUM
ANALYTICS INC.

FSA Ticket # 5,376
Workorder # 5293
Region: F4
Vendor Ref #

www.fsaservice.com/forms/Warranty.pdf

SITE LOCATION		BILL TO:	
City of Scottsdale, Police Department Mr. Allan Kosecki, pkosecki@scottsdaleaz.gov 7601 East McKellips Road, Scottsdale, AZ 85257		Full Spectrum	
Service Rep: Galvez, Joe	Service Type: Repair	Quality Level: Standard	
Billing Type: Non-Billable	Payment Method: Service Contract	PO#:	
System ID	Manufacturer	Model	Serial#
GC w/ HS			
Additional Instruments	Agilent 7890B GC/FID S/N US14173023 Agilent 7697A HS S/N CN14160045		
PROBLEM DESCRIPTION:			
Gas Chromatograph and Headspace are unable to pressurize and FID signal is higher than normal.			
WORK PERFORMED:			
H2 generator is able to maintain pressure without error, so I began looking for blockage of the gaslines . Traced carrier gas lines to a gas filter. Gas was able to maintain pressure to the manifold and filter, but not past the filter. Reset the position of the filter on the manifold. GC and HS were both able to pressurize and maintain the set pressure. Tried to look for cause of higher than normal FID signal by purging other gas filters. Cleaned the FID jets as part of the annual preventative maintenance and to see if it helped with lowering FID signal. Signal remained high. Client to order tank of N2 gas to eliminate generator as the problem.			

Parts Total:

Onsite Date	Start Time	End Time	Break Hours	Onsite Hours
7/21/2017	9:30 am	12:30 pm		3.0

Total Onsite: 3.0

HOURS	RATE	TOTAL	
Labor Hours: 3.0	Labor Rate: \$300.00	Labor Total:	\$900.00
Travel Hours: 2.0	Travel Rate: \$300.00	Travel Total:	\$600.00
	Extended Travel: \$0.00	Misc. S&H:	\$0.00
	<u>NOT AN INVOICE, TAXES NOT INCLUDED</u>	Total Labor:	\$1,500.00
		Report Total:	\$1,500.00
		Credit Amount:	\$1,500.00
		Balance Due:	\$0.00

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