

Initial Date...

Data Review By:

KW 1/17/02

Channel specific noise levels computed from 'NL' heights.

The Total Area for each peak with an ion abundance ratio outside ratio limits has been recalculated according to method requirements.

Page No. 1 Listing of W010208B.dbf
01/17/2002 Matched GC Peaks / Ratio / Ret. Time

Compound/

M_Z.... QC.Log Omit Why ..RT. OK Ratio Total.Area/Ht Area/Ht.Peak1 Area/Ht.Peak2 Rel.RT Compound.Name.. ID.. Flags..

		0.65-0.89			0.961-1.232		
TCDF		Height			Height		
304-306	DC NL	23:15	0.74	907.58	13.77	5.60	
		23:30	0.69	1,260.30	515.88	744.42	0.907
		23:53	0.75	3,023.67	1,299.23	1,724.44	0.922
		24:13	0.76	1,902.28	823.15	1,079.13	0.935
		24:36	0.76	2,835.27	1,222.89	1,612.38	0.950
		24:52	0.71	1,933.62	803.90	1,129.72	0.960
		25:07	0.77	3,445.02	1,496.68	1,948.34	0.970
		25:20	0.74	3,114.29	1,322.19	1,792.10	0.978
		25:31	0.72	1,088.14	454.18	633.96	0.985 1278-TCDF AN
		25:45	0.74	892.43	379.81	512.62	0.994
		25:56	0.73	4,769.66	2,013.54	2,756.12	1.001 2378-TCDF AN
		26:21	0.69	840.74	344.06	496.68	1.017
		26:33	0.72	1,024.21	429.83	594.38	1.025
X	X	26:44 RO	0.71	399.26	166.30	232.96	1.032
		27:40	0.69	173.56	70.93	102.63	1.068
	DC SN	27:45	0.68	183.70		1.071	
	DC WH	28:01 RO	0.46	81.28		1.082	
304-306		15 Peaks		27,610.03			
		0.65-0.89			0.961-1.039		
13C12-TCDF		Height			Height		
316-318	DC NL	24:52	0.83	210.83	2.27	2.47	0.960
	DC WL	25:28	0.70	143.60	59.25	84.35	0.983
		25:54	0.75	18,295.02	7,814.52	10,480.50	1.000 13C12-2378-TCDF ISO
		Height		5,132.79	2,184.18	2,948.61	
316-318		2 Peaks		18,438.62			

----- Above: TCDF / TCDD Follows -----

		0.65-0.89			0.962-1.226		
TCDD		Height			Height		
320-322	DC NL	24:06	0.78	9,616.95	2.42	3.18	
		24:29	0.78	8,424.37	3,699.81	4,724.56	0.905 1368-TCDD AN
		24:46	0.74	1,460.71	619.72	840.99	0.930
		24:59 RO	1.17	16.12	10.64	9.11	0.939 J
		25:26	0.76	3,066.88	1,326.31	1,740.57	0.956
		25:44	0.76	1,822.15	789.17	1,032.78	0.967
		25:54 RO	2.39	14.81	19.98	8.37	0.973 J
		26:06	0.81	788.11	352.78	435.33	0.981
M		26:32	0.79	2,990.00	1,320.00	1,670.00	0.997
AN		26:37	0.80	92.90	41.30	51.60	1.000 2378-TCDD AN
		26:48	0.79	292.46	129.19	163.27	1.007

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01/17/2002Listing of W010208B.dbf
Matched GC Peaks / Ratio / Ret. Time

Compound/

M_Z.... QC.Log Omit Why ..RT. OK Ratio Total.Area/Ht Area/Ht.Peak1 Area/Ht.Peak2 Rel.RT Compound.Name... ID... Flags

				26:57	0.68	164.11	66.21	97.90	1.013		
				27:11	0.89	78.78	37.07	41.71	1.021		
				27:37	0.75	33.63	35.79	47.84	1.038		
320-322			14 Peaks			28,911.98					
37C1-TCDD								0.925-1.075			
328	DC	NL	Height			3.78	3.78				
	DC	WL	23:56			9.82		0.899			
	DC	WL	24:04			56.22		0.904			
	DC	WL	24:28			50.50		0.919			
			25:12			61.49	61.49	0.947			
			26:38			1,304.12	1,304.12	1.001	37C1-TCDD	CLS	
			26:48			83.75	83.75	1.007			
			27:01			298.07	298.07	1.015			
			27:29			278.04	278.04	1.033			
			27:49			154.69	154.69	1.045			
			27:58			66.59	66.59	1.051			
			28:08			405.17	405.17	1.057			
328			8 Peaks			2,651.92					
13C12-TCDD					0.65-0.89			0.925-1.075			
332-334	DC	NL	Height			6.95	4.30	2.65			
			25:27		0.87	53.20	24.68	28.52	0.956		
			26:27		0.83	16,818.71	7,610.87	9,207.84	0.994	13C12-1234-TCDD	RS1
			26:37		0.79	14,784.54	6,522.27	8,262.27	1.000	13C12-2378-TCDD	IS1
			Height			4,044.23	1,773.35	2,270.88			
			26:51		0.70	78.56	32.32	46.24	1.009		
332-334			4 Peaks			31,735.01					
----- Above: TCDD / PeCDF Follows -----											
PeCDF					1.32-1.78			0.866-1.134			
340-342	DC	NL	Height			6.62	3.50	3.12			
			27:52		1.35	160.36	92.13	68.23	0.934		J
			29:00		1.53	2,105.68	1,272.17	833.51	0.972		
			29:10		1.40	515.27	300.48	214.79	0.977		
			29:29		1.44	994.22	586.06	408.16	0.988		
			29:35		1.53	1,135.38	687.12	448.26	0.991		
M			29:46		1.46	533.00	316.00	217.00	0.997		
ANX	X		29:51	RO	1.47	576.00	343.00	233.00	1.000	12378-PeCDF	AN
X	X		30:02	RO	1.56	328.99	200.23	128.76	1.006		J
			30:09		1.42	638.21	374.82	263.39	1.010		
M			30:33		1.33	537.00	307.00	230.00	1.023	23478-PeCDF	AN
X	X		30:42	RO	1.49	815.58	488.00	327.58	1.028		
			31:01		1.56	114.38	69.77	44.61	1.039		J
			31:10	RO	1.93	62.42	47.26	24.48	1.044		J
	DC	SN	31:16		1.38	20.13			1.047		
			31:30	RO	1.31	93.10	47.87	36.51	1.055		J
	DC	WH	31:47	RO	1.17	45.14			1.065		
	DC	WH	32:00	RO	2.85	9.41			1.072		
340-342			14 Peaks			8,609.59					

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01/17/2002 Matched GC Peaks / Ratio / Ret. Time

Compound/

M_2.... GC Log Omit Why .. RT. OK Ratio Total Area/Ht Area/Ht.Peak1 Area/Ht.Peak2 Rel.RT Compound.Name.. ID.. Flags.

13C12-PeCDF		1.32-1.78			0.866-1.134		
352-354	DC NL	Height	3.17	2.11	1.67		
	28:59	1.54	169.53	102.58	66.75	0.971	
	29:29 RO	1.24	187.02	90.80	73.34	0.988	
	29:51	1.50	16,411.48	9,876.27	6,565.21	1.000 13C12-PeCDF 123 IS2	
		Height	5,082.78	3,032.39	2,050.39		
	30:33	1.53	15,053.15	9,106.80	5,946.15	1.023 13C12-PeCDF 234 SUR1	
	30:49 RO	2.08	20.66	16.81	8.10	1.032	
	31:30 RO	1.19	187.65	87.38	73.59	1.055	
352-354	6 Peaks		32,059.29				

----- Above: PeCDF / PeCDD Follows -----

PeCDD		1.32-1.78			0.870-1.130		
356-358	DC NL	Height	4.46	2.68	1.78		
	DC WL	28:55 RO	1.27	17.44		0.936	
		29:06	1.58	5,761.60	3,527.48	2,234.12 0.942	
		29:35	1.69	252.78	158.83	93.95 0.958	
		29:50	1.67	2,280.27	1,426.77	853.50 0.966	
		29:58 RO	1.23	261.02	158.66	128.92 0.970	
		30:09	1.58	1,415.14	867.14	548.00 0.976	
	M	30:25	1.66	441.00	275.00	166.00 0.985	
		30:35	1.65	970.95	604.81	366.14 0.990	
		30:43 RO	1.22	384.13	183.17	150.64 0.995	
		30:54	1.34	179.16	102.51	76.65 1.001 12378-PeCDD AN J	
		31:01 RO	1.93	83.44	63.31	32.72 1.004 J	
		31:22	1.76	103.33	65.94	37.39 1.016 J	
356-358	11 Peaks		12,132.82				

13C12-PeCDD		1.32-1.78			0.870-1.130		
368-370	DC NL	Height	2.30	1.27	1.03		
		29:50	1.64	23.51	14.62	8.89 0.966	
		29:57	1.34	61.42	35.12	26.30 0.970	
		30:53	1.51	8,242.52	4,957.50	3,285.02 1.000 13C12-PeCDD 123 IS3	
			Height	2,676.59	1,596.02	1,080.57	
		31:19 RO	1.90	15.10	11.26	5.92 1.014	
368-370	4 Peaks		8,342.55				

----- Above: PeCDD / HxCDF Follows -----

HxCDF		1.05-1.43			0.880-1.120		
374-376	DC NL	Height	4.36	2.23	2.13		
		32:22 RO	0.94	82.55	45.70	48.82 0.969 J	
		32:30	1.24	431.78	239.20	192.58 0.973	
		32:39 RO	0.82	21.19	11.73	14.22 0.977 J	
		32:48	1.19	58.54	31.77	26.77 0.982 J	
		32:57 RO	0.98	45.65	25.27	25.74 0.986 J	
		33:18	1.22	560.02	307.82	252.20 0.997 123478-HxCDF AN	
		33:25	1.35	238.87	137.23	101.64 1.000 123678-HxCDF AN	
		33:33 RO	0.95	26.32	14.57	15.36 1.004 J	
		33:42	1.30	81.65	46.19	35.46 1.008 J	
		33:54	1.15	230.27	123.38	106.89 1.014 234678-HxCDF AN	

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Page No. 4 Listing of W010208B.dbf
01/17/2002 Matched GC Peaks / Ratio / Ret. Time

Compound/

M_Z.... QC.Log Omit Why ..RT. OK Ratio Total.Area/Ht Area/Ht.Peak1 Area/Ht.Peak2 Rel.RT Compound.Name... ID... Flags

	DC	SN	34:06	RO	0.49	4.57			1.020			
	DC	SN	34:13	RO	3.04	3.00			1.024			
			34:40		1.21	62.04	34.00	28.04	1.037	123789-HxCDF	AN	J
			34:44		1.19	43.36	23.53	19.83	1.039			J
	DC	WH	35:11	RO	2.40	8.33			1.053			
	DC	WH	35:18		1.17	14.84			1.056			
374-376			12 Peaks			1.882.24						

13C12-HxCDF			0.43-0.59					0.860-1.120				
384-386	DC	NL	Height			7.05	3.40	3.65				
			32:29	RO	0.70	40.30	13.61	19.43	0.972			
			33:19		0.50	7,383.98	2,450.40	4,933.58	0.997	13C12-HxCDF 478	SUR2	
			33:25		0.50	8,683.24	2,905.20	5,778.04	1.000	13C12-HxCDF 678	IS4	
			Height			2,715.41	911.65	1,803.76				
			33:54		0.50	8,482.58	2,844.13	5,638.45	1.014	13C12-HxCDF 234	ALT2	
	DC	SN	34:13	RO	0.15	7.49			1.024			
	DC	SN	34:16	RO	0.77	10.60			1.025			
	DC	SN	34:24	RO	0.27	12.08			1.029			
	DC	SN	34:30	RO	0.23	4.20			1.032			
			34:39		0.51	6,426.58	2,162.27	4,264.31	1.037	13C12-HxCDF 789	ALT1	
			34:56	RO	0.90	45.09	15.23	16.83	1.045			
			35:04	RO	0.61	29.43	9.94	16.36	1.049			
	DC	SN	35:07	RO	1.46	6.64			1.051			
	DC	SN	35:14	RO	1.54	5.90			1.054			
384-386			7 Peaks			31,091.20						

----- Above: HxCDF / HxCDD Follows -----

HxCDD			1.05-1.43					0.883-1.117				
390-392	DC	NL	Height			4.56	1.82	2.74				
	DC	SN	32:44	RO	0.73	5.27			0.960			
			32:52		1.16	391.73	210.59	181.14	0.964			
	DC	SN	33:03	RO	0.42	3.59			0.970			
			33:18		1.18	2,784.01	1,505.89	1,278.12	0.977			
			33:30		1.11	505.34	265.45	239.89	0.983			
			33:40	RO	0.96	81.04	44.86	46.83	0.988			J
D	d	SN	33:55	RO	1.03	20.86			0.995			
M			34:01		1.19	70.20	38.20	32.00	0.998	123478-HxCDD	AN	J
M			34:06		1.09	110.50	57.60	52.90	1.000	123678-HxCDD	AN	J
M			34:23	RO	0.94	168.36	93.20	99.20	1.009	123789-HxCDD	AN	
	DC	WH	34:35	RO	0.92	5.44			1.015			
	DC	WH	34:44	RO	0.23	4.43			1.019			
390-392			7 Peaks			4,111.18						

13C12-HxCDD			1.05-1.43					0.971-1.029				
402-404	DC	NL	Height			5.25	3.30	1.95				
			33:30	RO	3.02	38.89	52.35	17.36	0.983			
			34:00		1.21	5,936.81	3,250.37	2,686.44	0.998	13C12-HxCDD 478	SUR3	
			34:05		1.19	6,650.11	3,727.46	3,122.65	1.000	13C12-HxCDD 678	IS5	
			Height			2,271.99	1,241.09	1,030.90				
			34:24		1.27	7,931.35	4,440.22	3,491.13	1.009	13C12-HxCDD 789	RS2	
			34:38	RO	3.28	21.08	30.67	9.41	1.016			

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Page No. 5 Listing of W010208B.dbf
01/17/2002 Matched GC Peaks / Ratio / Ret. Time

Compound/
M_Z.... QC.Log Omic Why ..RT: OK Ratio Total.Area/Ht Area/Ht.Peak1 Area/Ht.Peak2 Rel.RT Compound.Name... ID... Flags.

34:45 RO 2.48 24.46 27.10 10.92 1.020
402-404 6 Peaks 20,802.70

----- Above: HxCDD / HpCDF Follows -----

HpCDF 0.88-1.20 0.890-1.110
408-410 DC NL Height 10.58 9.37 1.21
36:18 0.89 407.16 191.32 215.84 1.000 1234678-HpCDF AN
A 36:34 1.03 56.10 28.40 27.70 1.007 J
36:42 1.03 105.33 53.47 51.86 1.011 J
MK 37:49 RO 1.49 53.04 38.70 26.00 1.042 1234789-HpCDF AN J
408-410 4 Peaks 621.63

13C12-HpCDF 0.37-0.51 0.945-1.110
418-420 DC NL Height 3.72 2.20 1.52
36:18 0.43 4,028.01 1,219.80 2,808.21 1.000 13C12-HpCDF 678 IS6
Height 1,131.41 323.27 808.14
36:34 RO 0.67 32.30 9.87 14.68 1.007
DC SN 37:02 RO 1.43 5.70 1.020
37:48 0.44 3,667.67 1,116.93 2,550.74 1.041 13C12-HpCDF 789 SUR4
418-420 3 Peaks 7,727.98

----- Above: HpCDF / HpCDD Follows -----

HpCDD 0.88-1.20 0.893-1.107
424-426 DC NL Height 2.55 1.00 1.55
36:35 1.00 510.65 255.59 255.06 0.980
DC SN 36:53 RO 0.10 4.04 0.988
37:19 1.08 427.96 221.72 206.24 1.000 1234678-HpCDD AN
DC WH 37:49 RO 3.51 4.43 1.013
424-426 2 Peaks 938.61

13C12-HpCDD 0.88-1.20 0.973-1.027
436-438 DC NL Height 5.49 3.42 2.07
36:34 1.09 26.74 13.97 12.77 0.980
37:19 1.04 4,895.88 2,501.41 2,394.47 1.000 13C12-HpCDD 678 IS7
Height 1,347.45 674.37 673.08
436-438 2 Peaks 4,922.62

----- Above: HpCDD / Octa-CDD and CDF Follows -----

OCDF 0.76-1.02 0.902-1.098
442-444 DC NL Height 7.28 5.30 1.98
DC WL 36:01 RO 5.47 26.03 0.881
DC WL 36:16 RO 5.15 22.32 0.887
DC WL 36:28 RO 4.51 20.64 0.892
DC WL 36:38 RO 4.87 16.61 0.896
DC WL 36:44 RO 3.97 6.60 0.898
41:06 0.94 150.94 73.19 77.75 1.005 OCDF AN J
442-444 1 Peak 150.94

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Page No. 6 Listing of W010208B.dbf
01/17/2002 Matched GC Peaks / Ratio / Ret. Time

Compound/
M_Z.... QC.Log Omit Why ..RT. OK Ratio Total.Area/Ht Area/Ht.Peak1 Area/Ht.Peak2 Rel.RT Compound.Name.. ID.. Flags.

OCDD		0.76-1.02		0.902-1.098					
458-460	DC NL	Height	2.05	0.77	1.28				
		40:54	0.84	1,217.82	555.81	662.01	1.000	OCDD	AN
		41:22	0.91	7.64	3.65	3.99	1.012		
458-460	2 Peaks			1,225.46					
13C12-OCDD		0.76-1.02		0.951-1.049					
470-472	DC NL	Height	2.48	1.39	1.09				
		40:53	0.88	6,632.82	3,101.24	3,531.58	1.000	13C12-OCDD	IS8
		Height	1,400.20	653.14	747.06				
470-472	1 Peak			6,632.82					

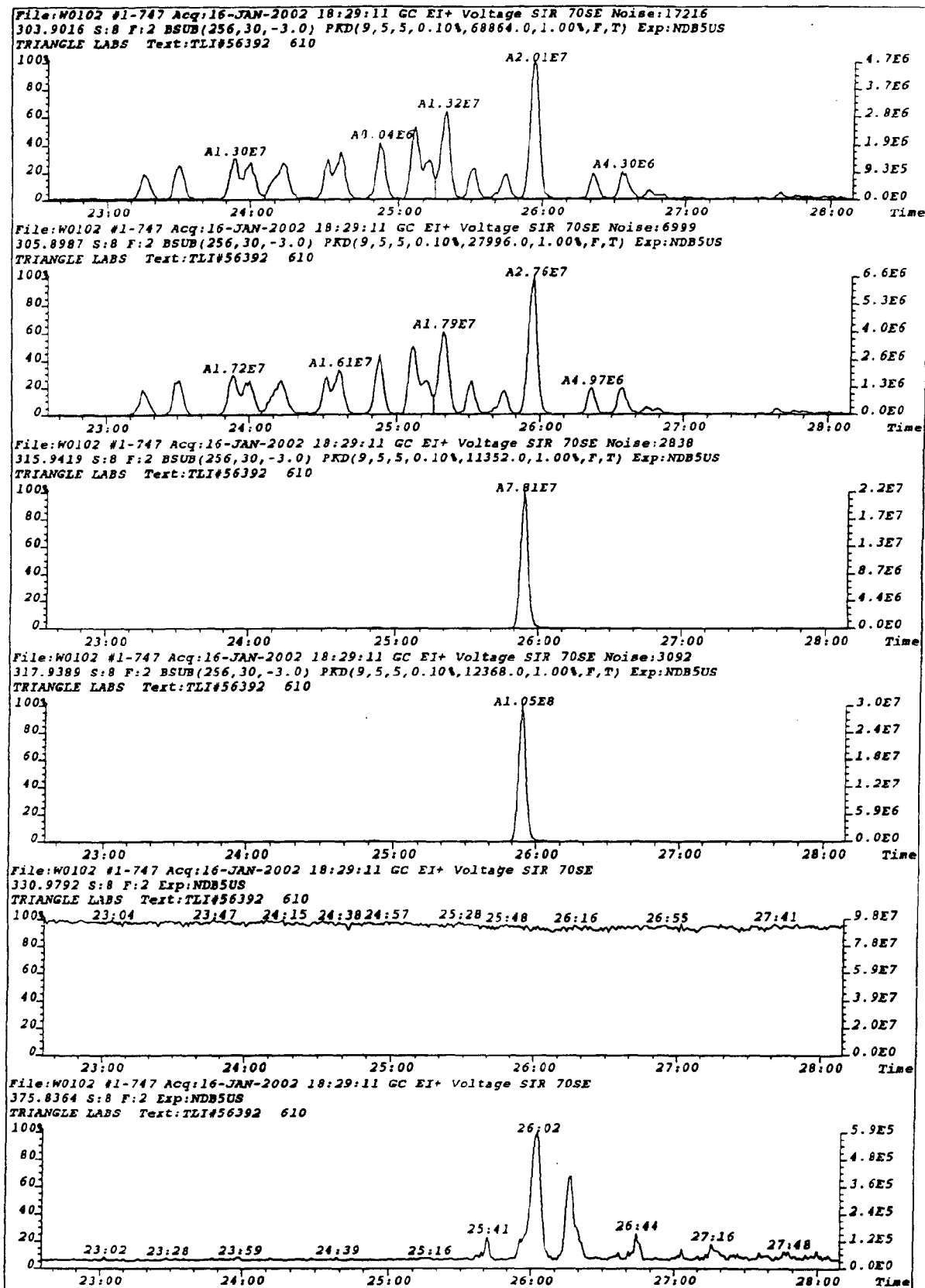
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M_Z -Nominal Ion Mass(es)	WL-Below Retention Time Window	A-Peak Added
..RT. -Retention Time (mm:ss)	WH-Above Retention Time Window	K-Peak Kept
Rat.1 -Ratio of M/M+2 Ions	SN-Below Signal to Noise Level	D-Peak Deleted
OK -RO=Ratio Outside Limits	<M-Below Method Detection Limit	T-Time Changed
Rel.RT-Relative Retention Time	NL-Channel Specific Noise Level	M-Peak Area Changed
		N-Name Changed
		X-Ether Interference

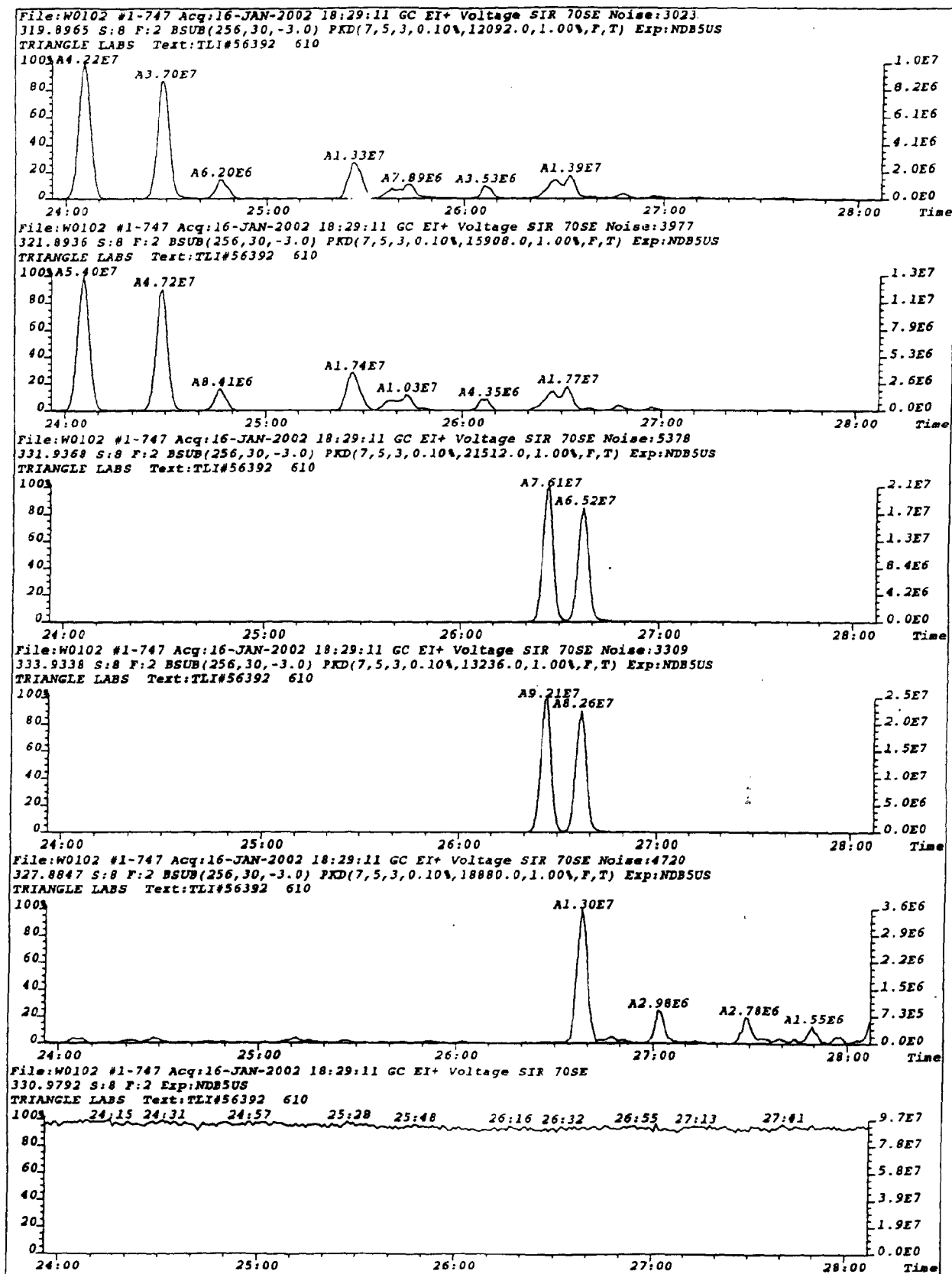
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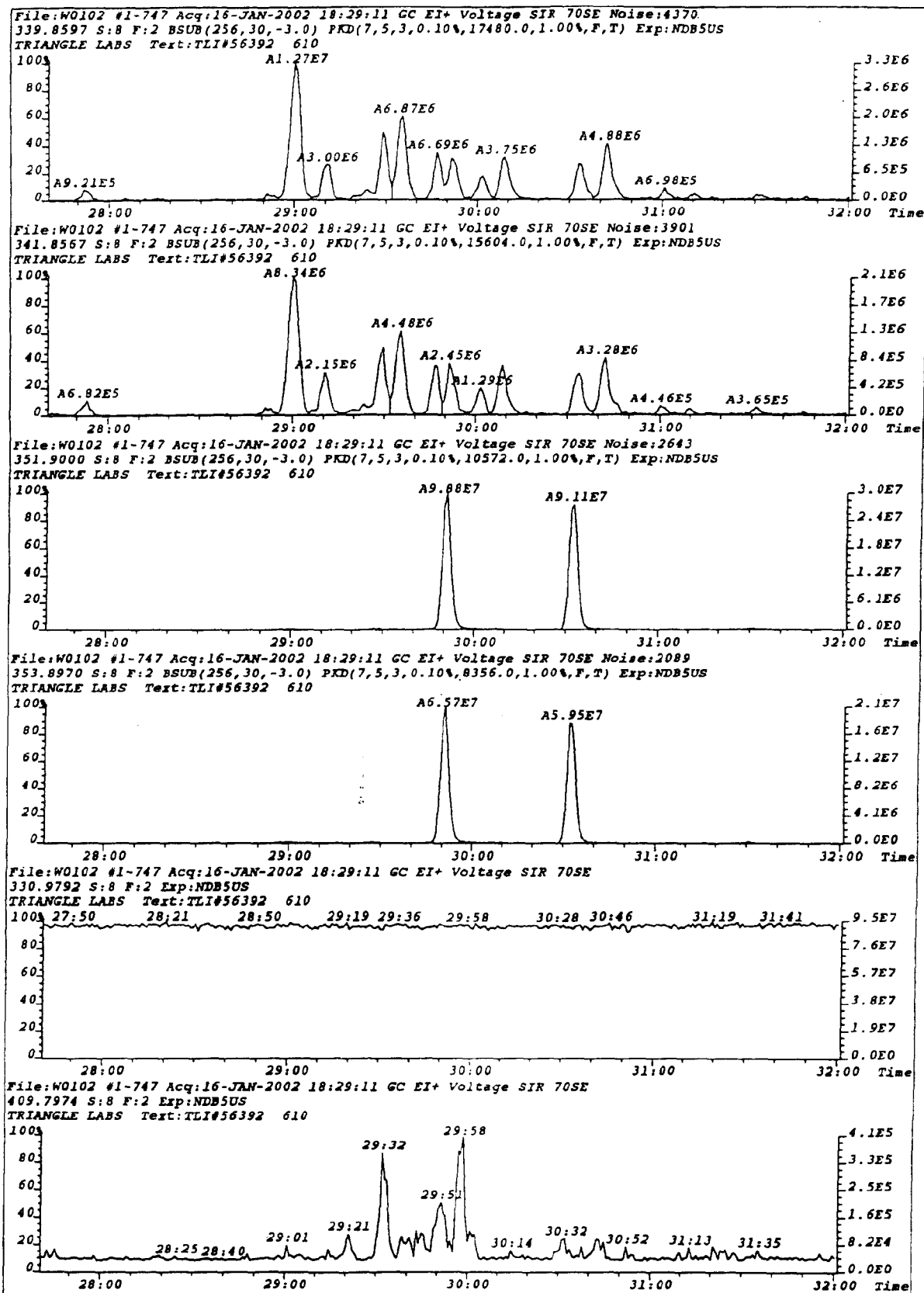
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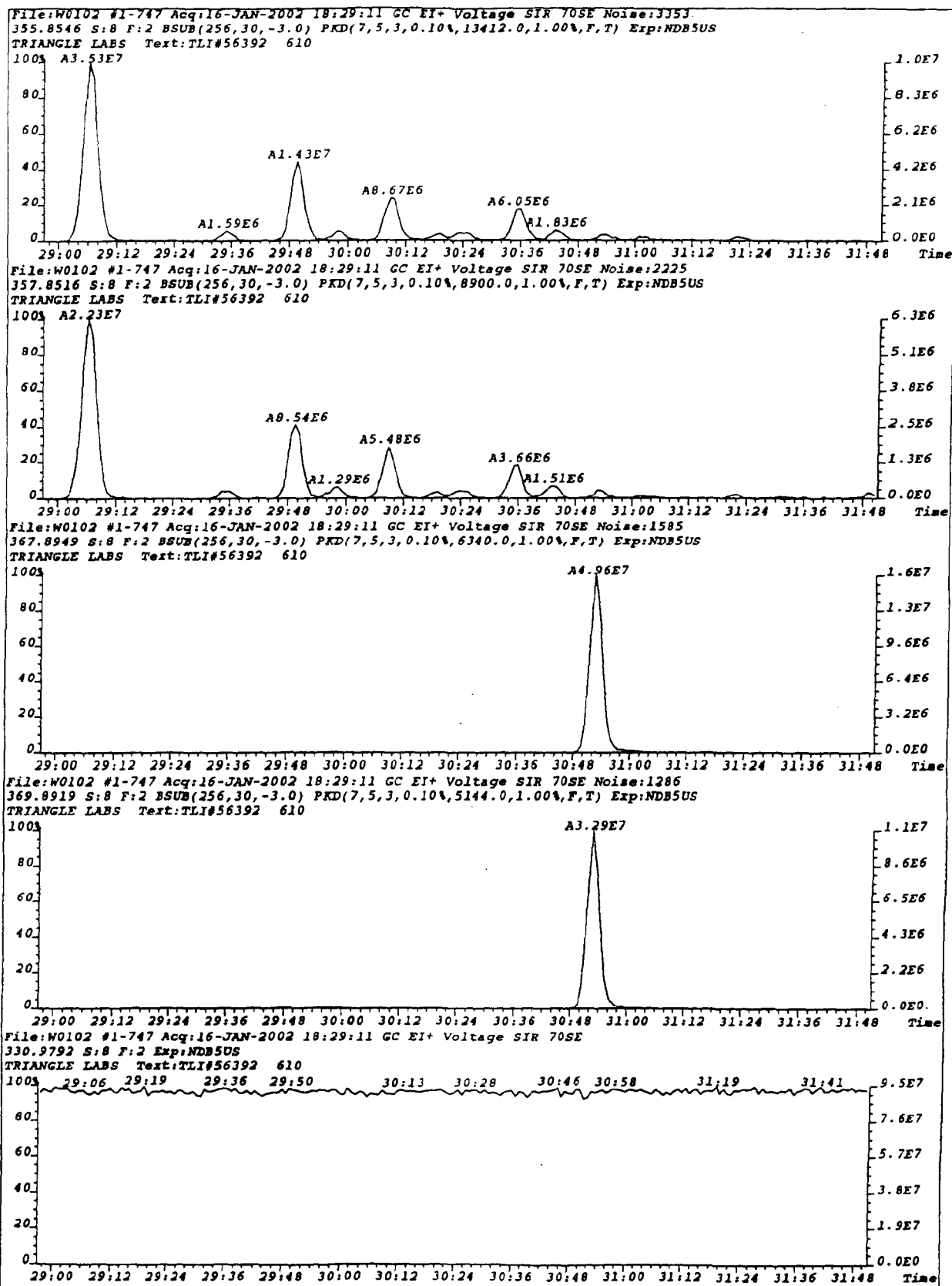
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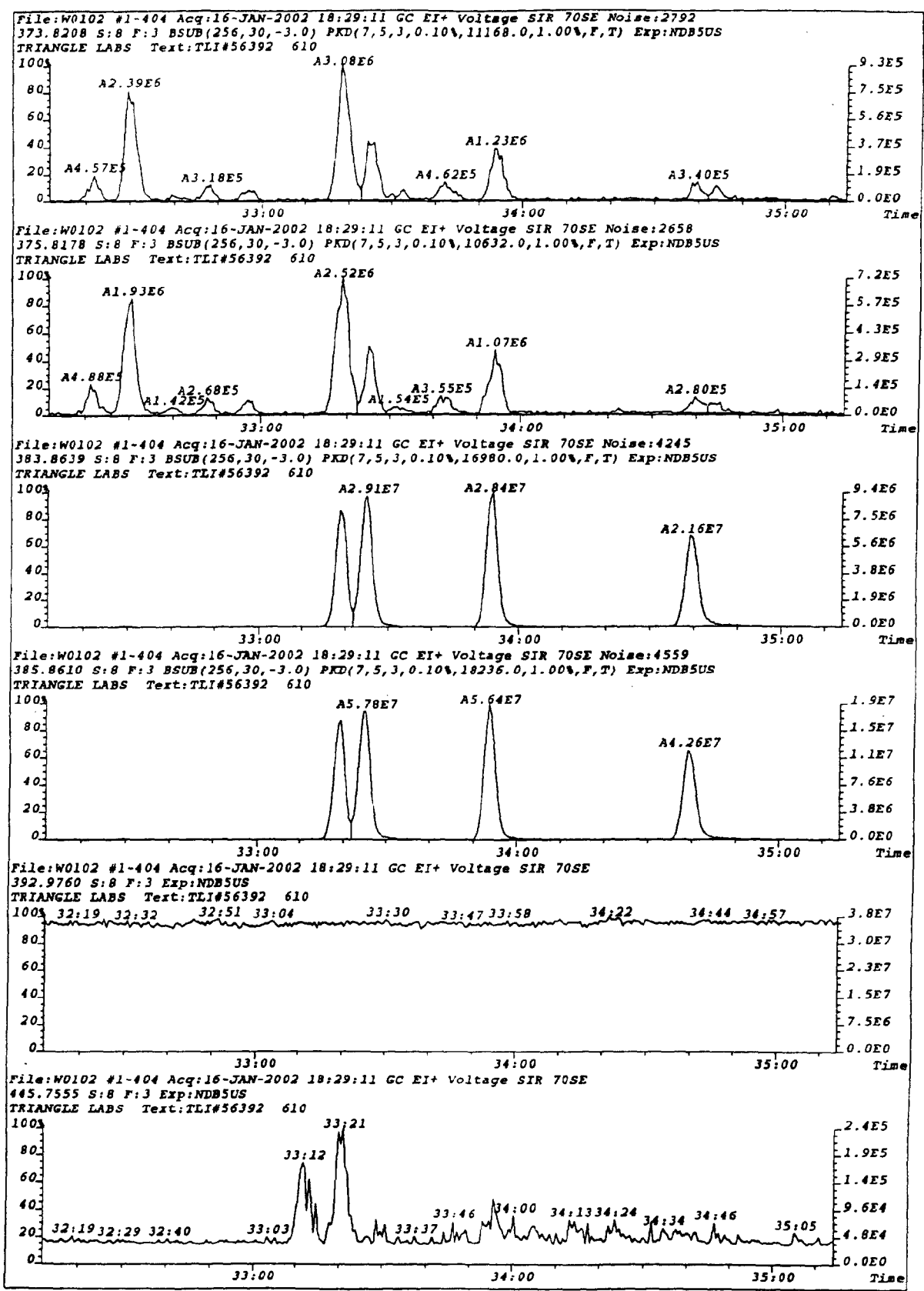


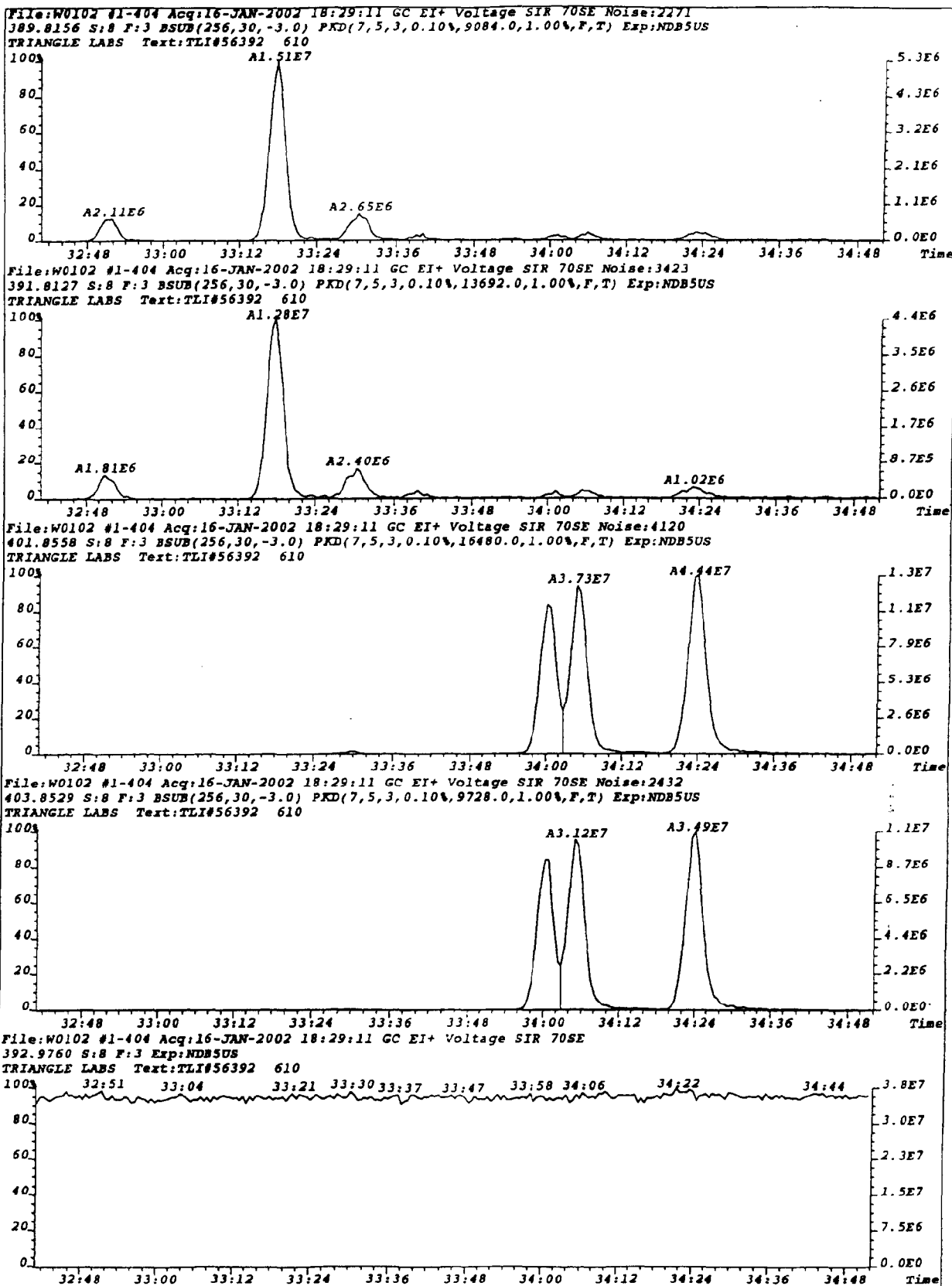


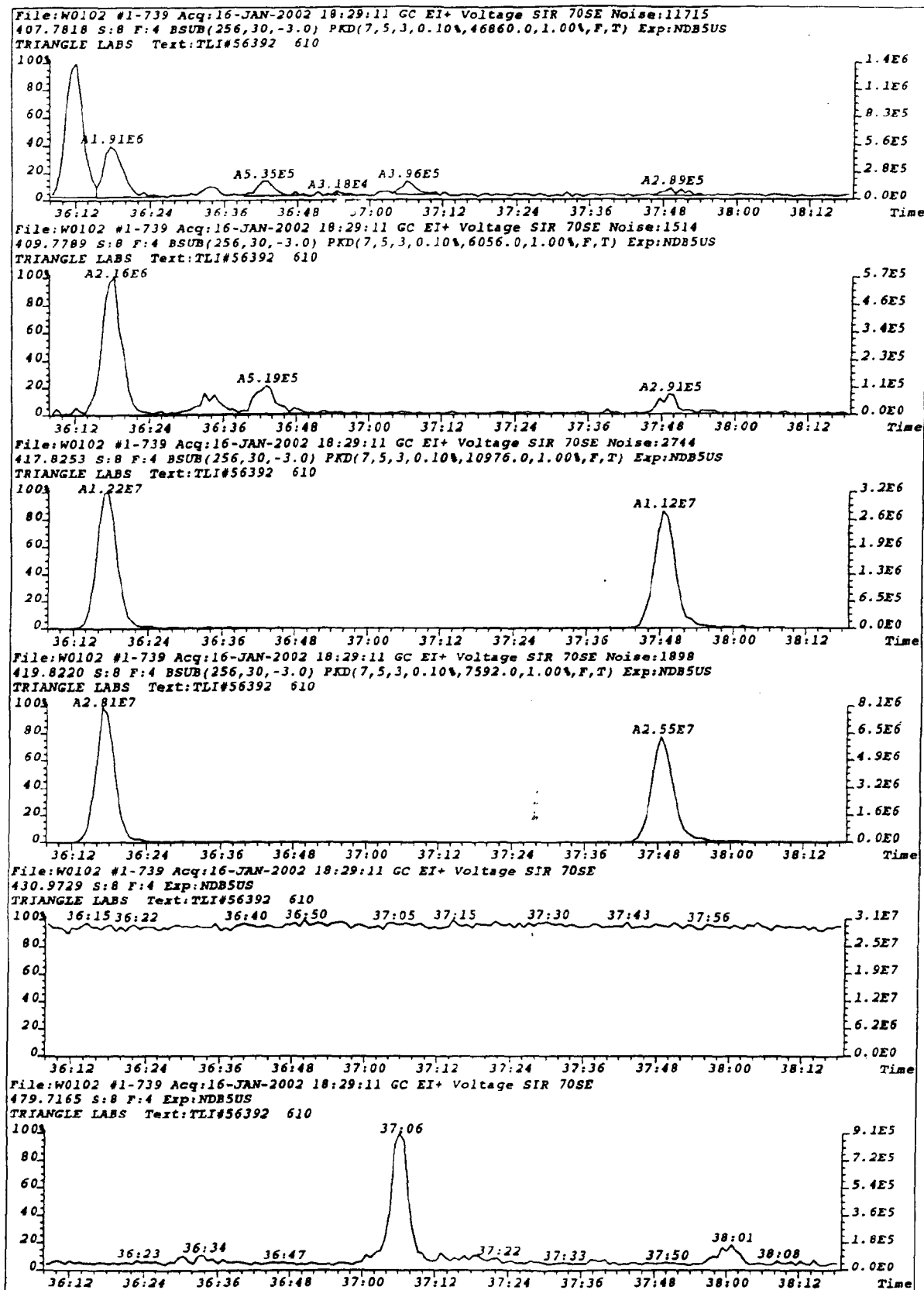
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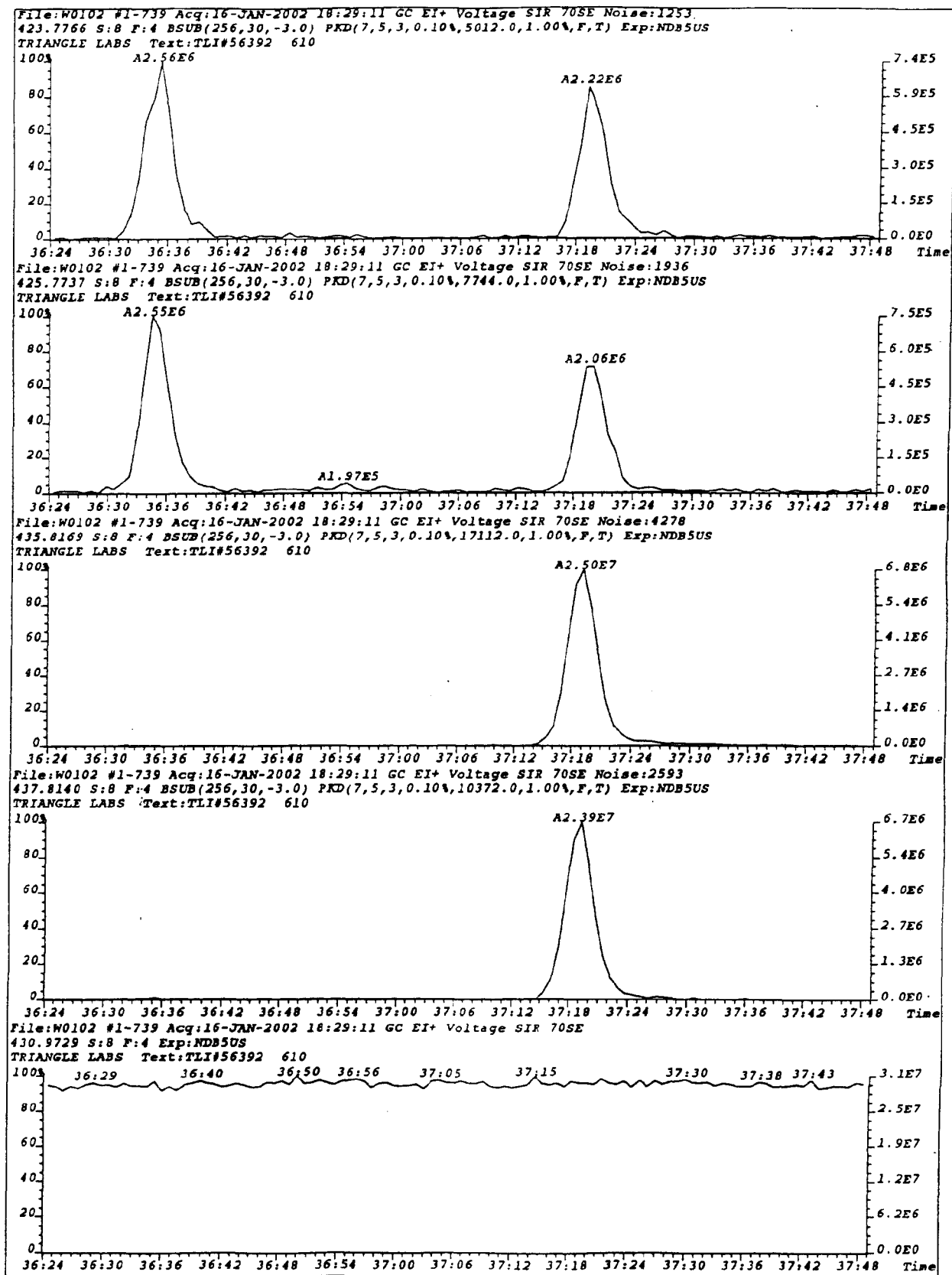


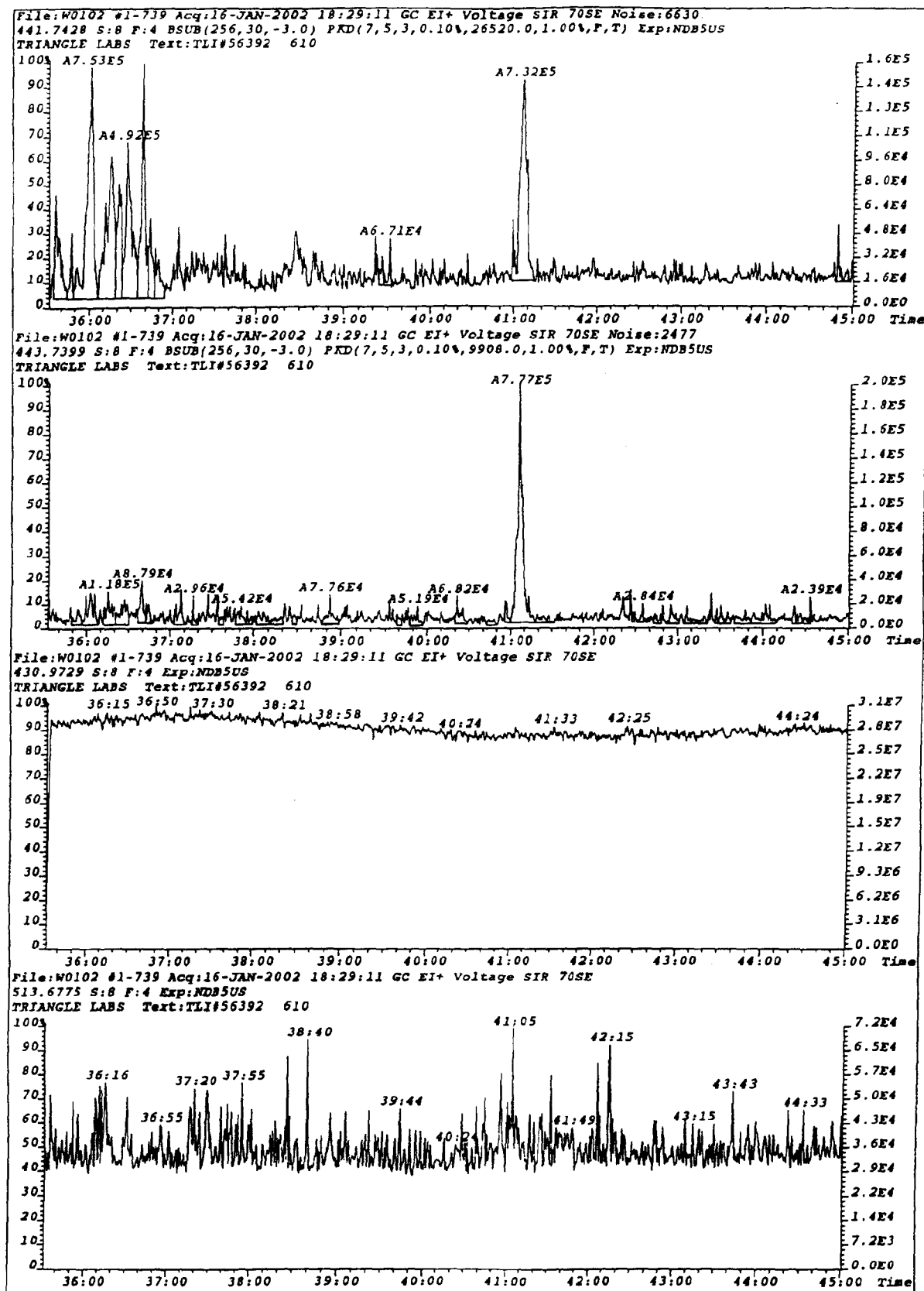


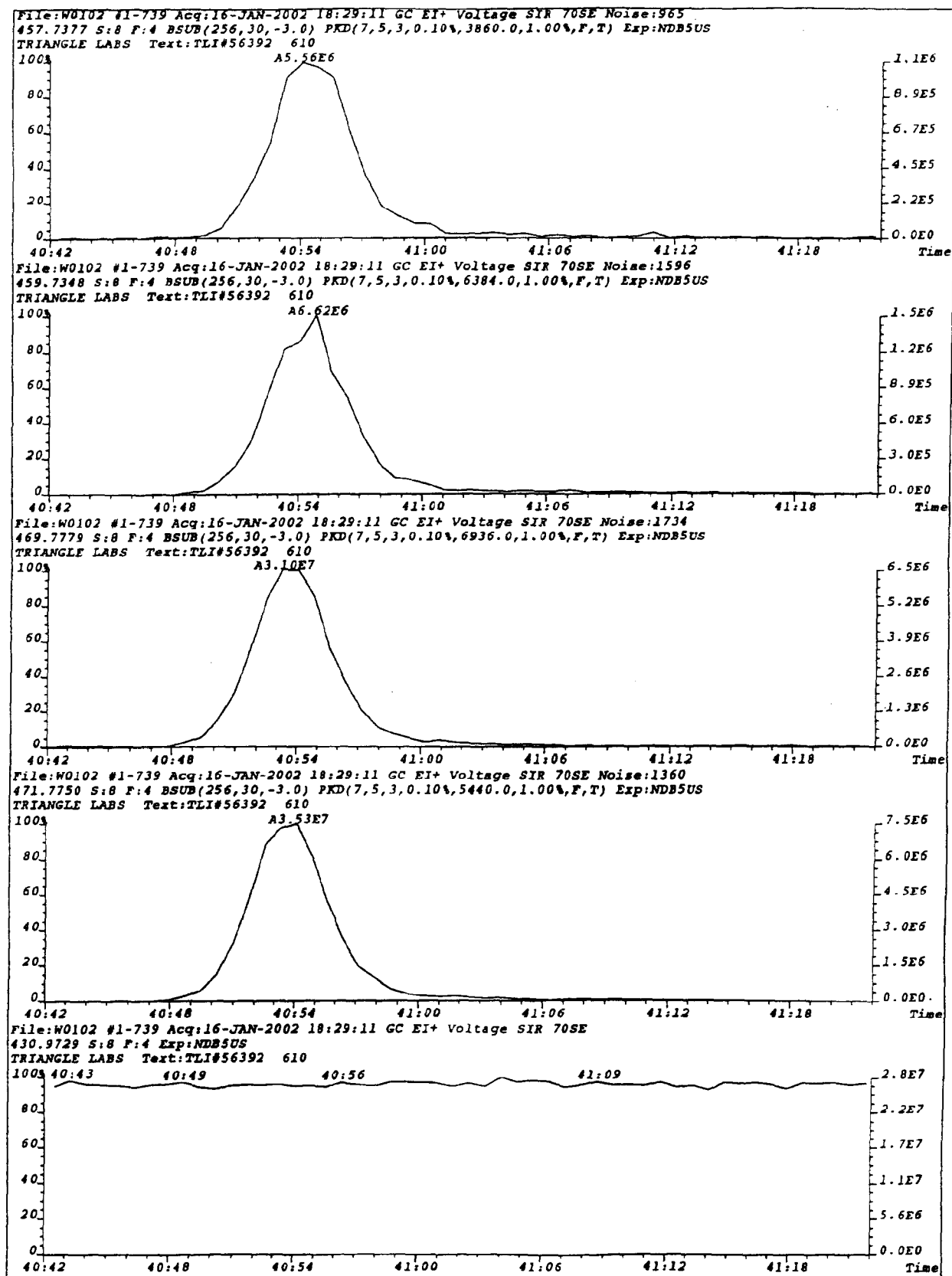




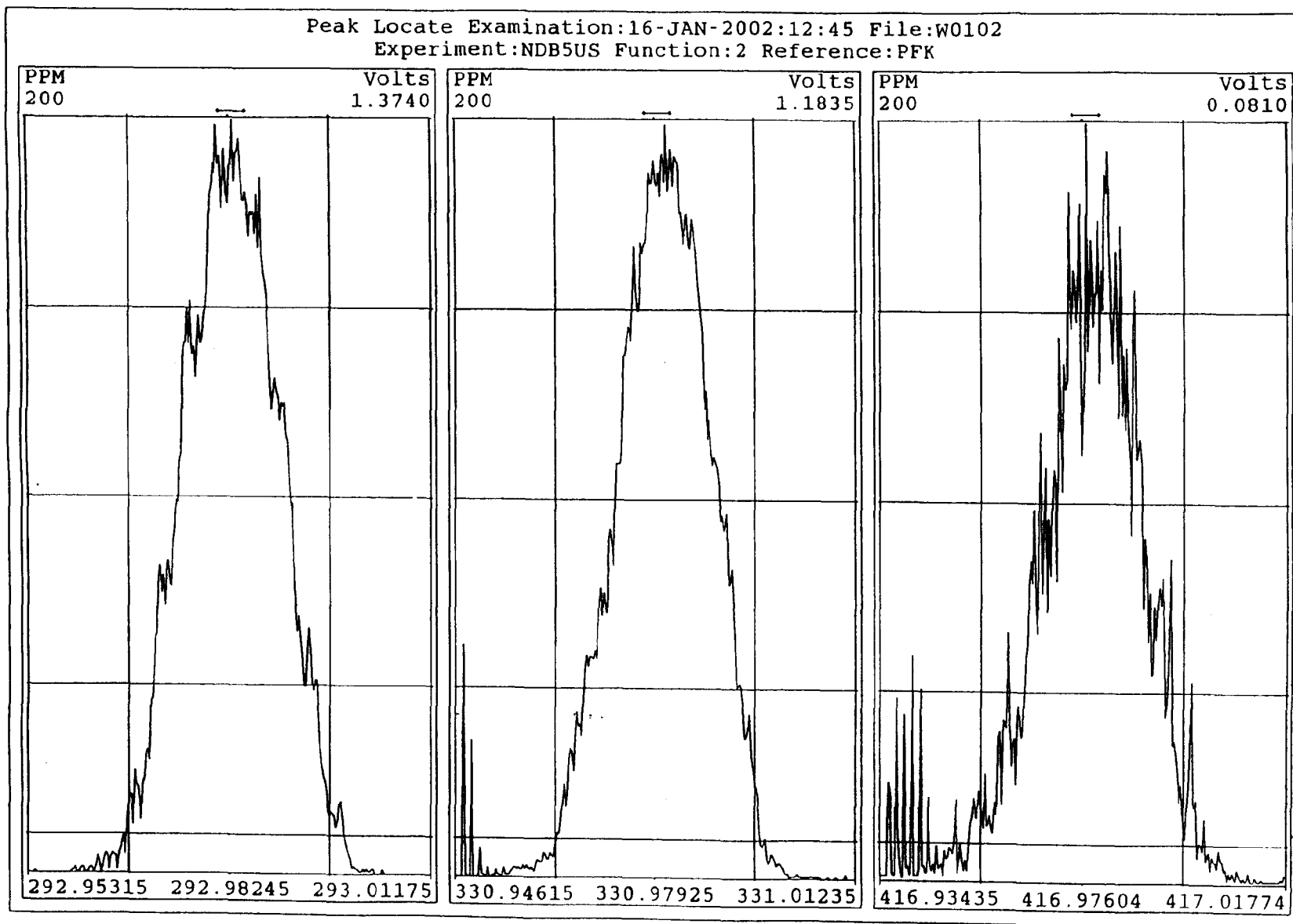






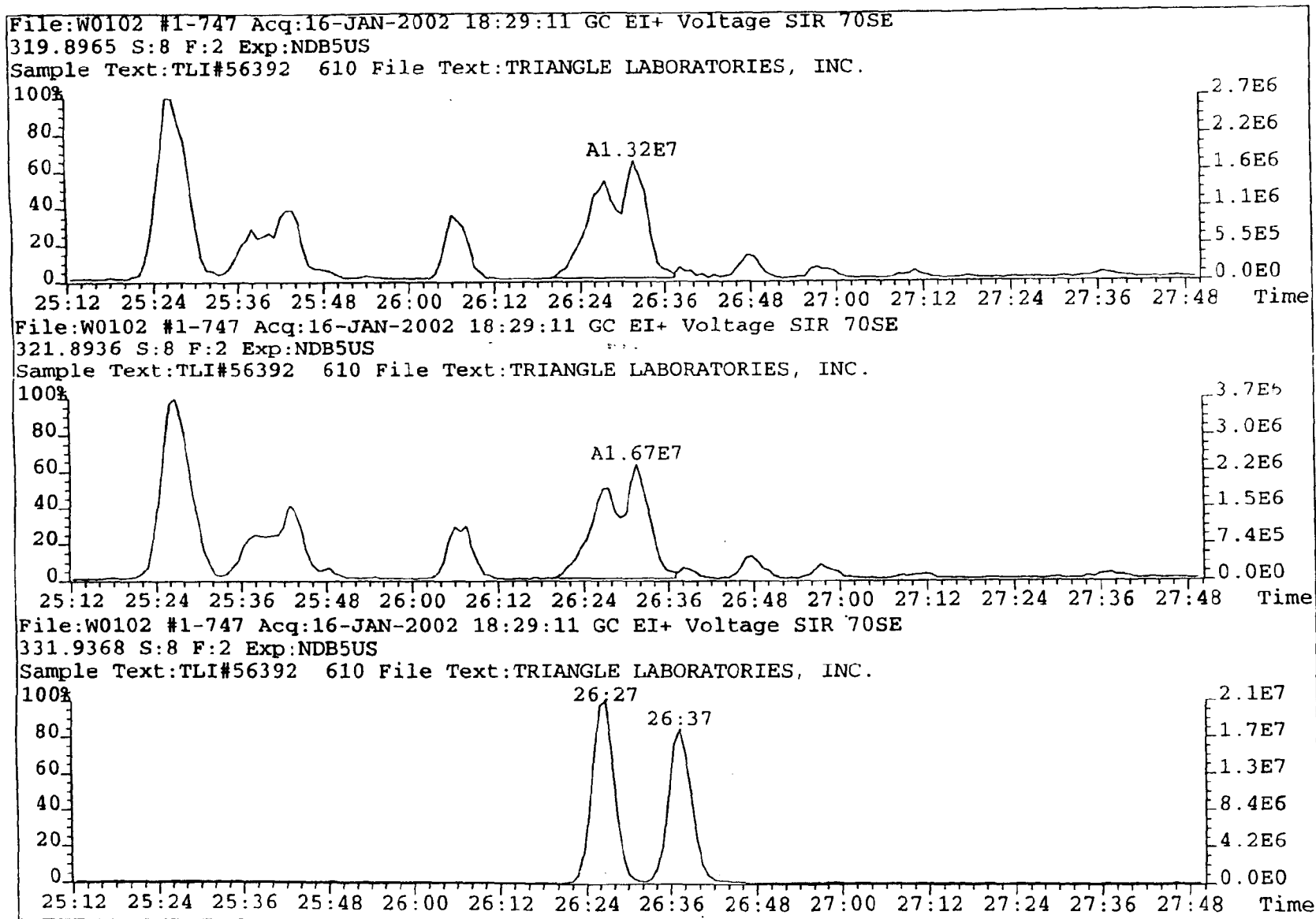


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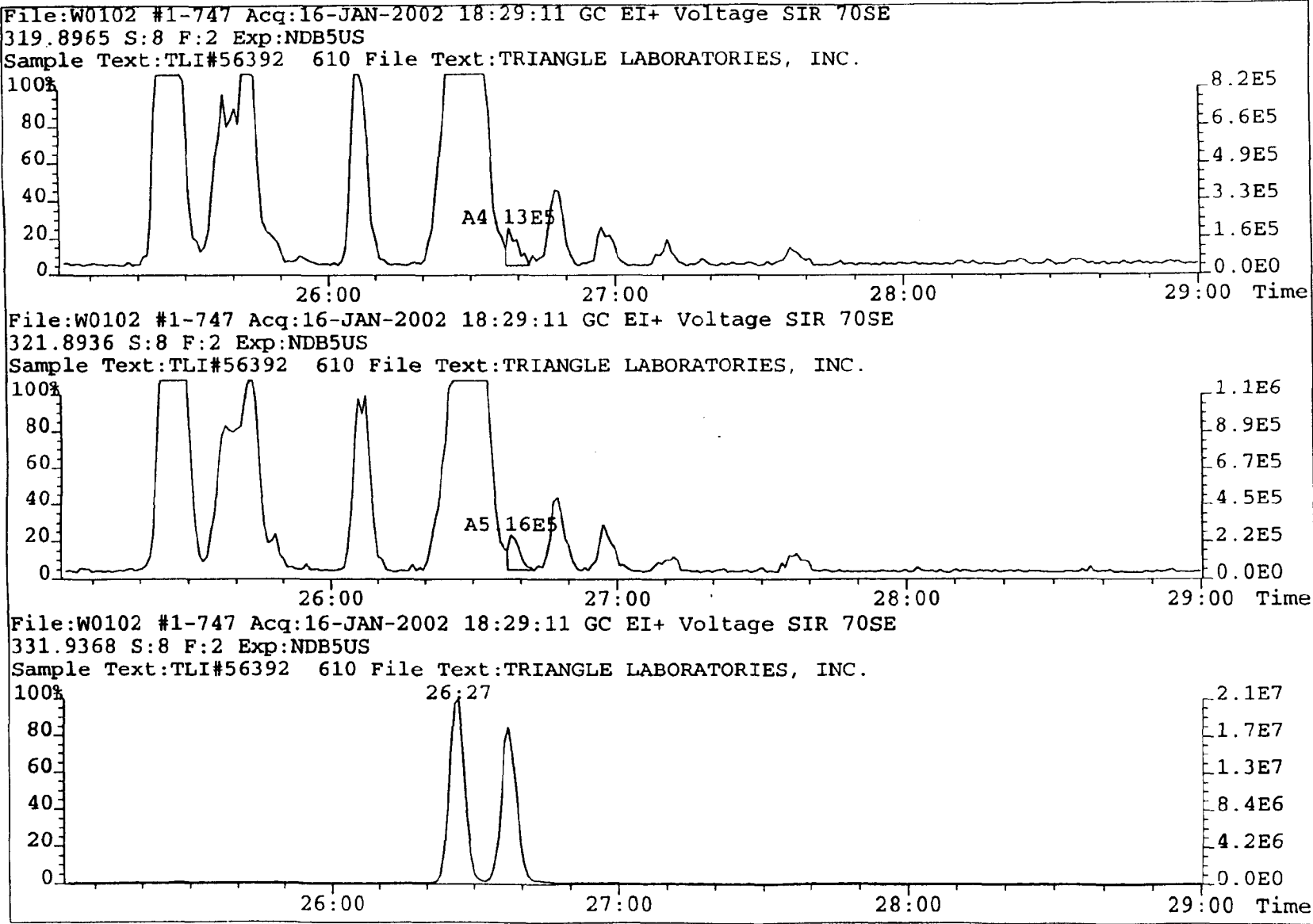
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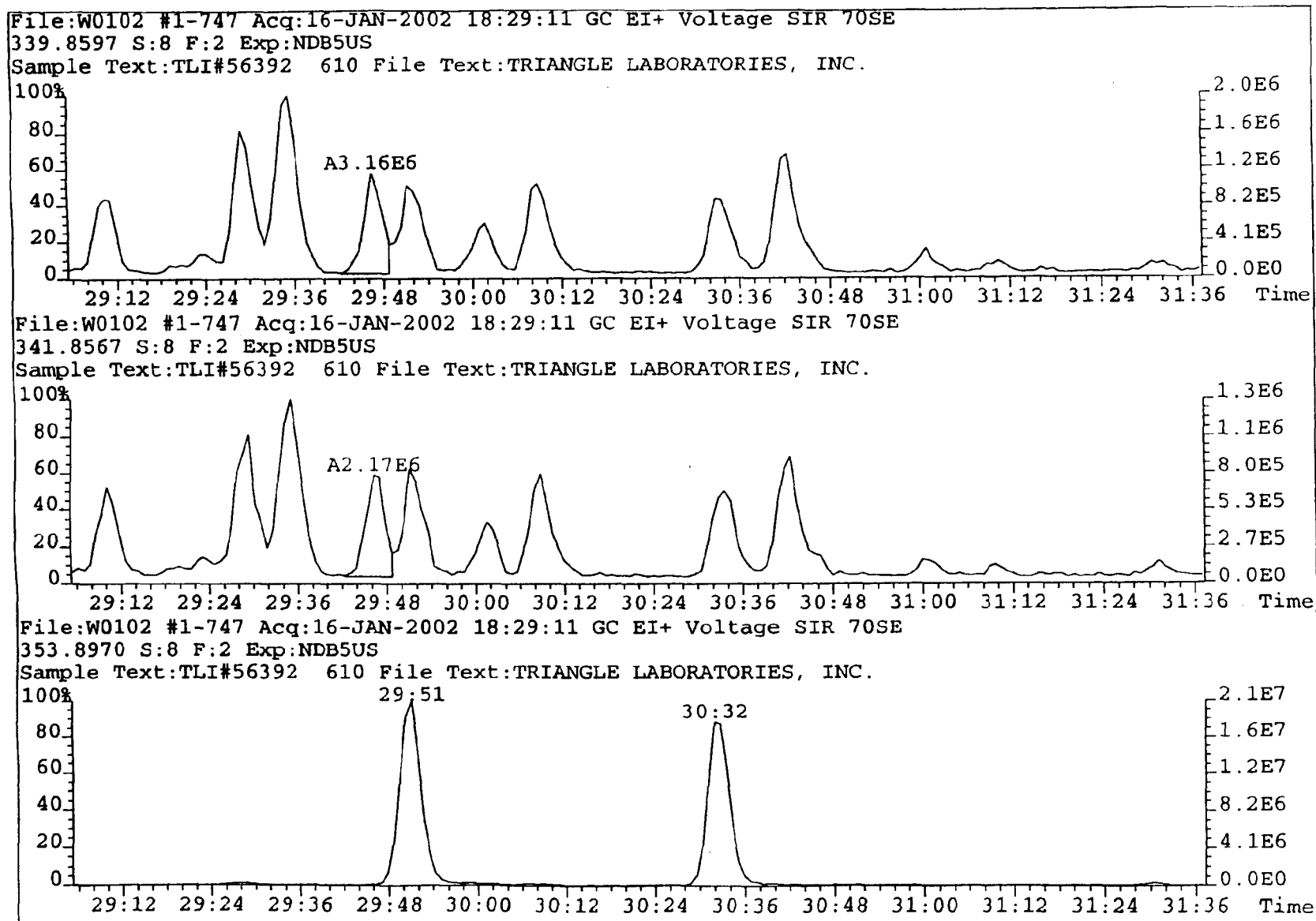
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325

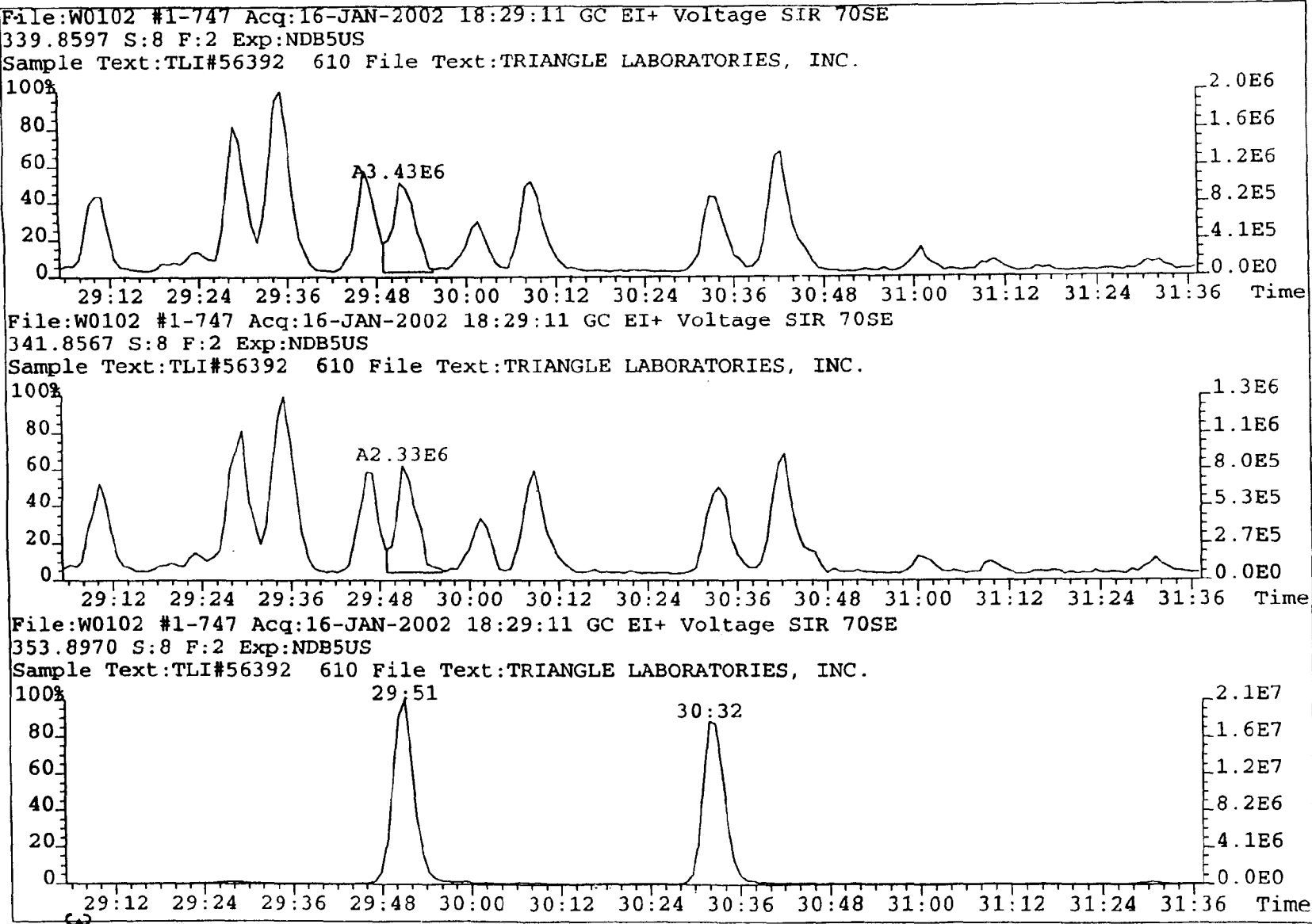
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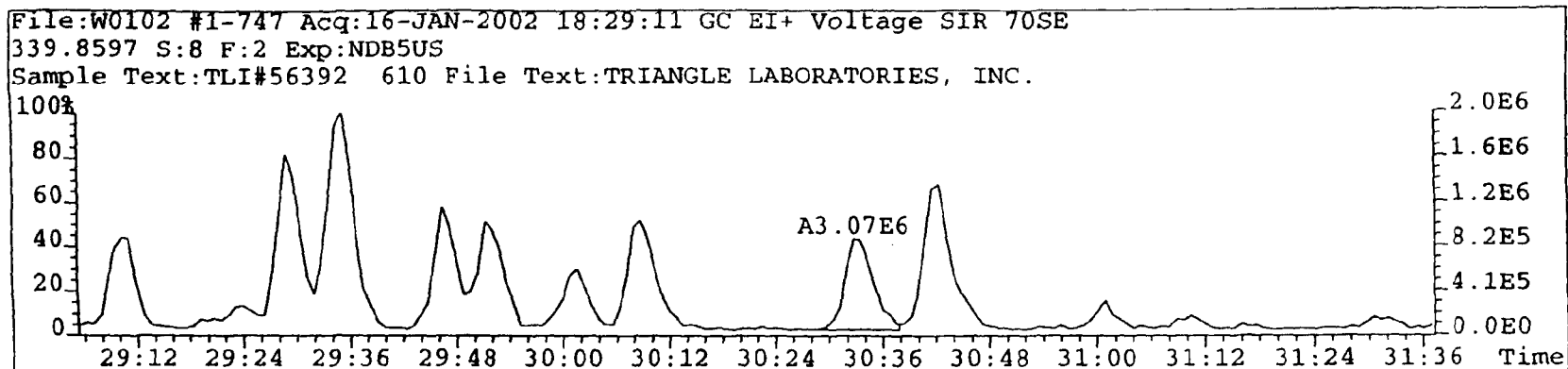
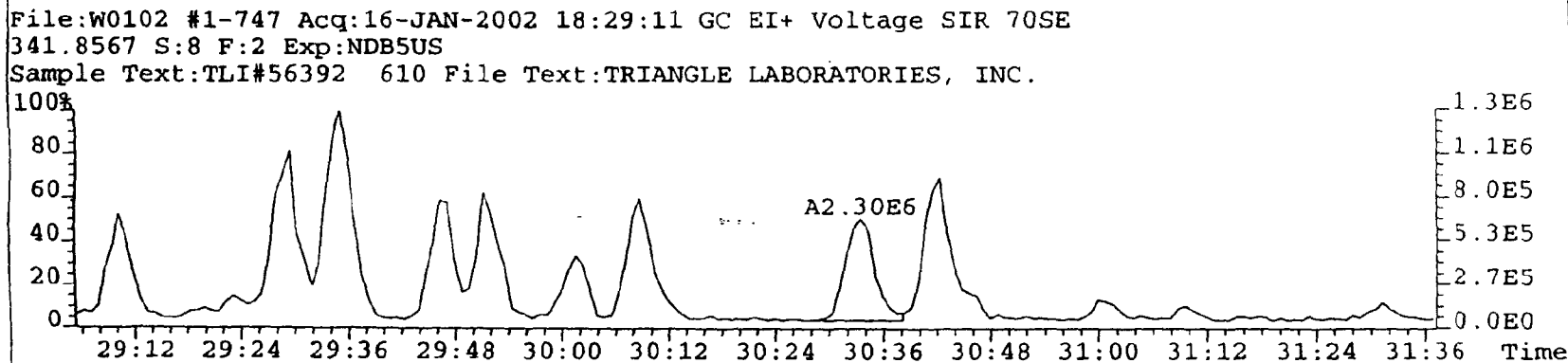
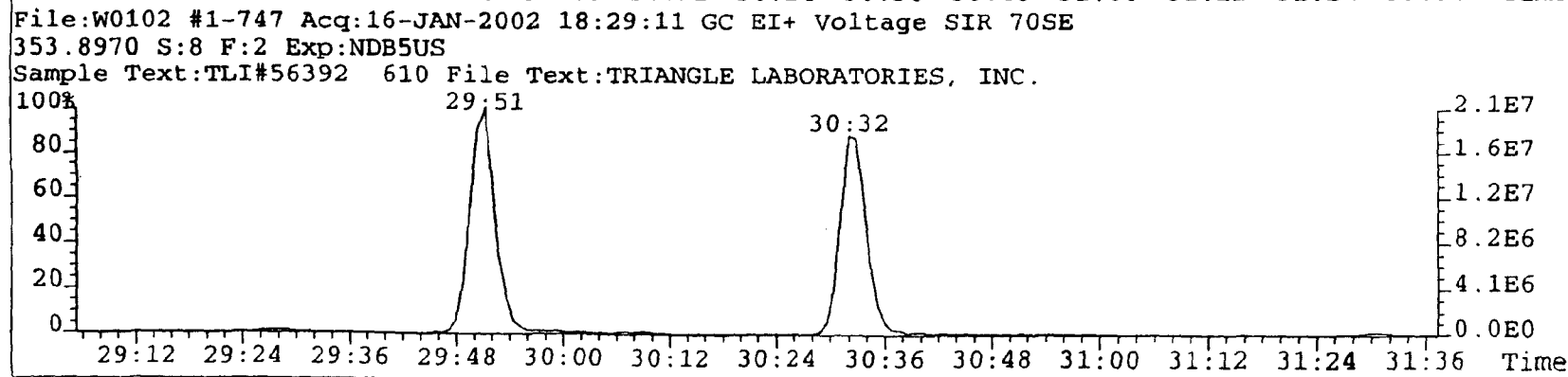
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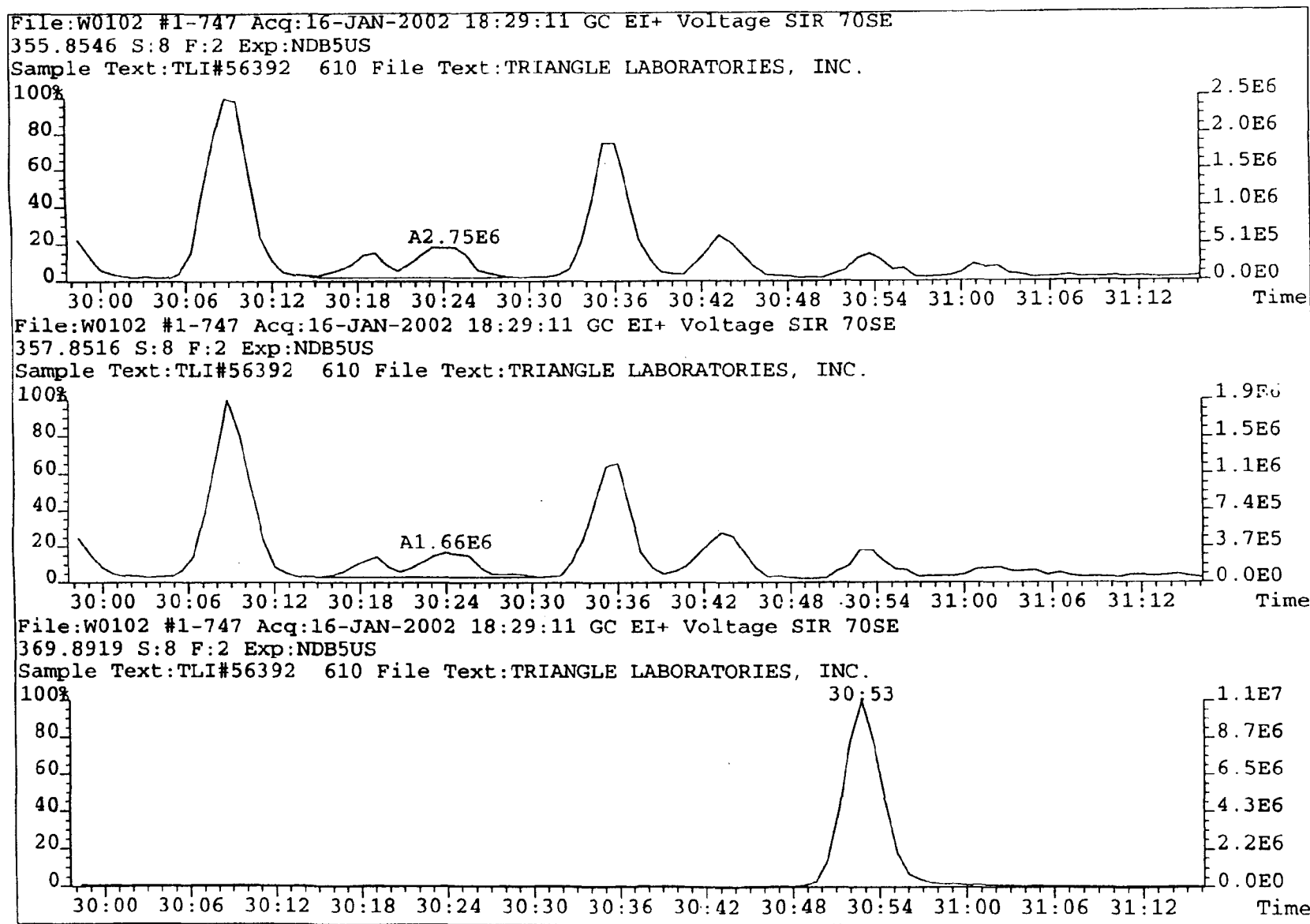
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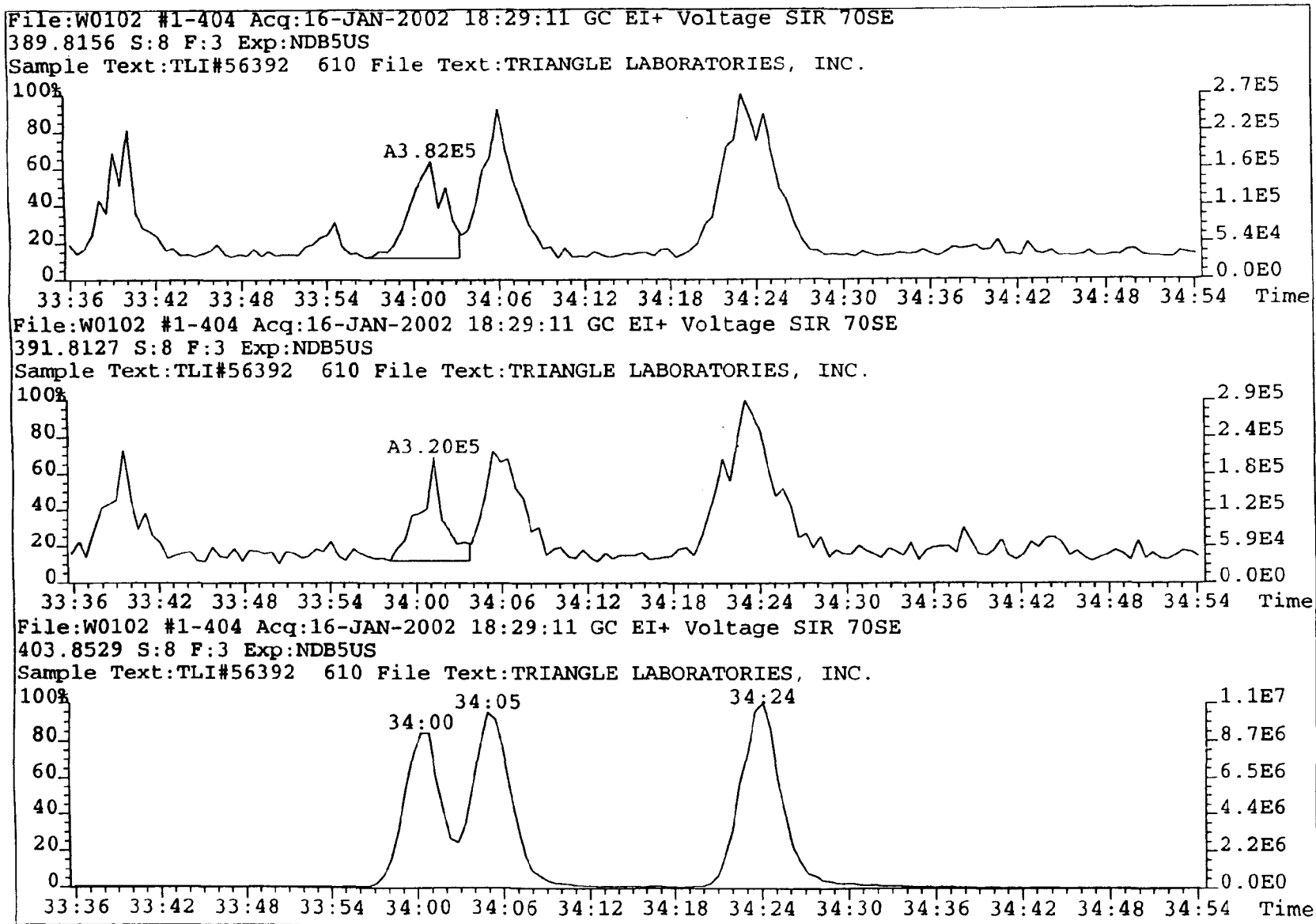
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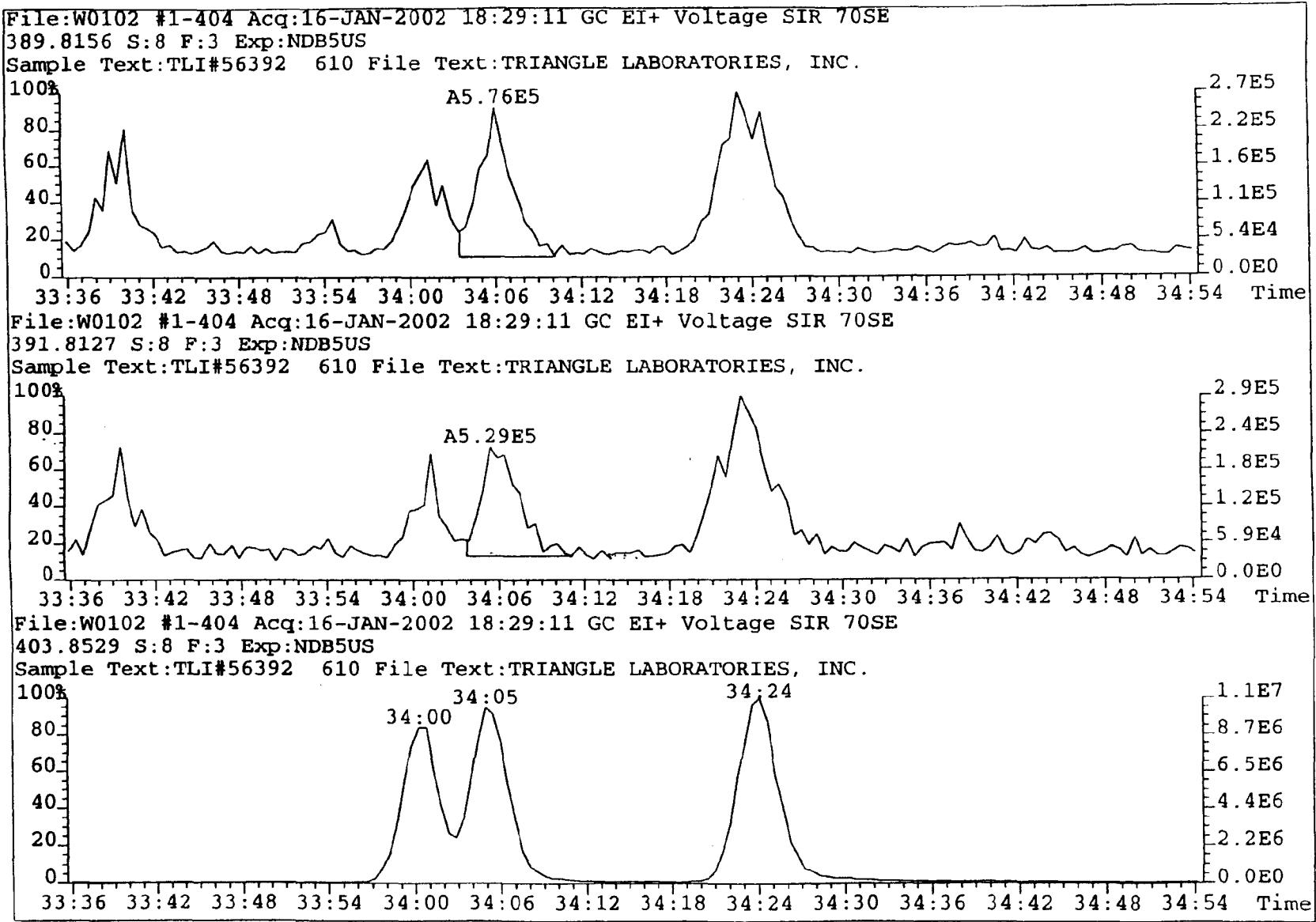
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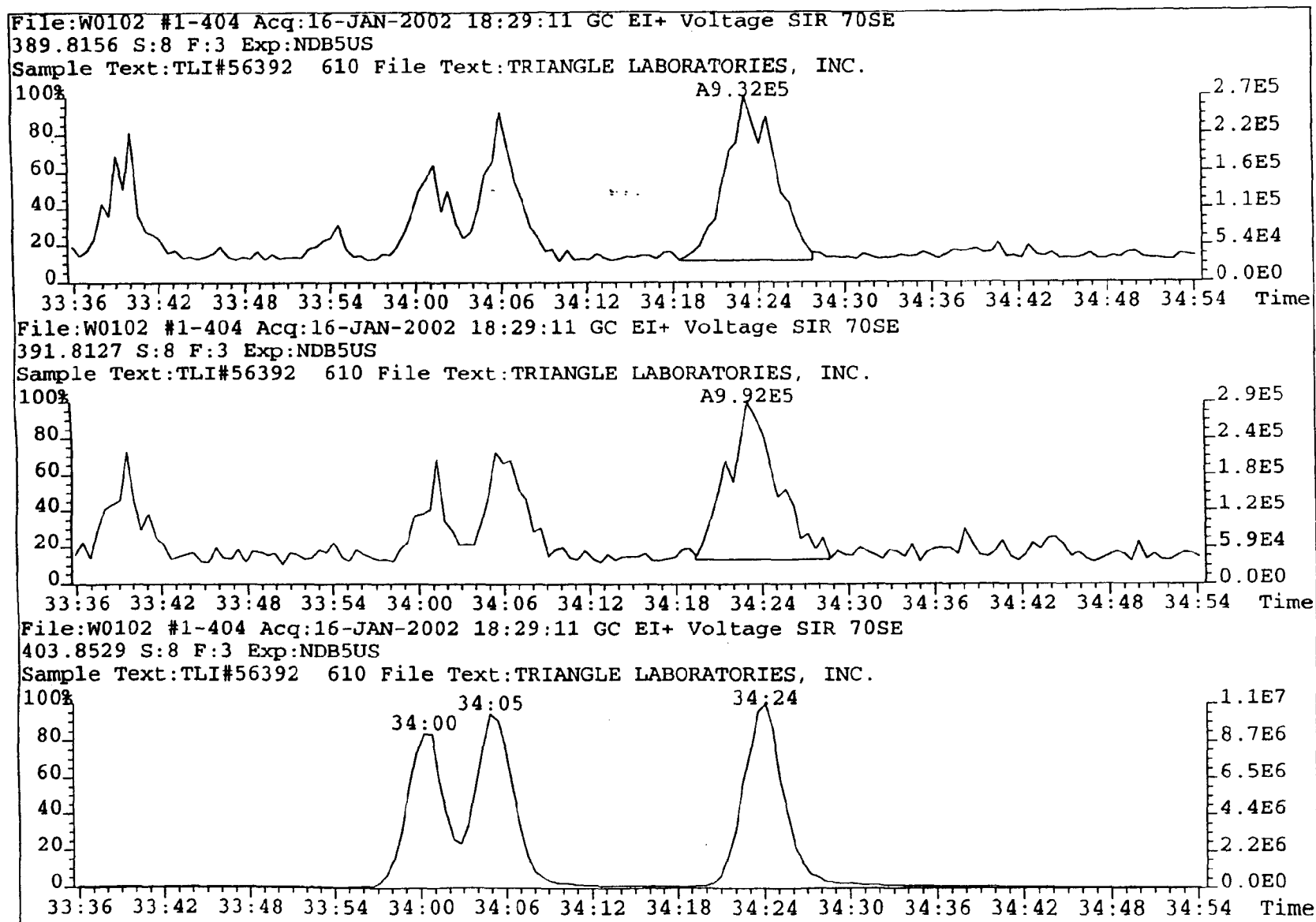
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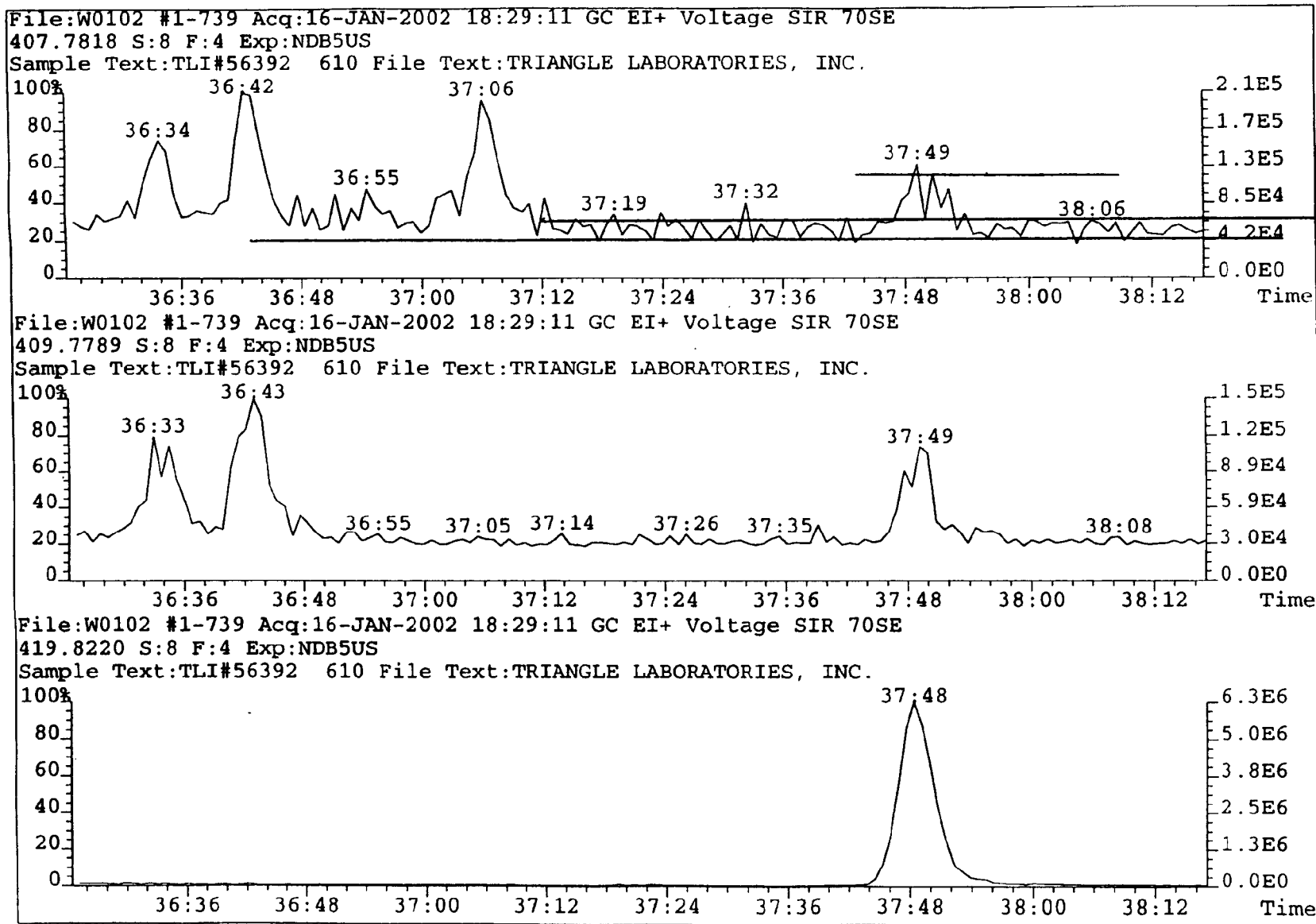
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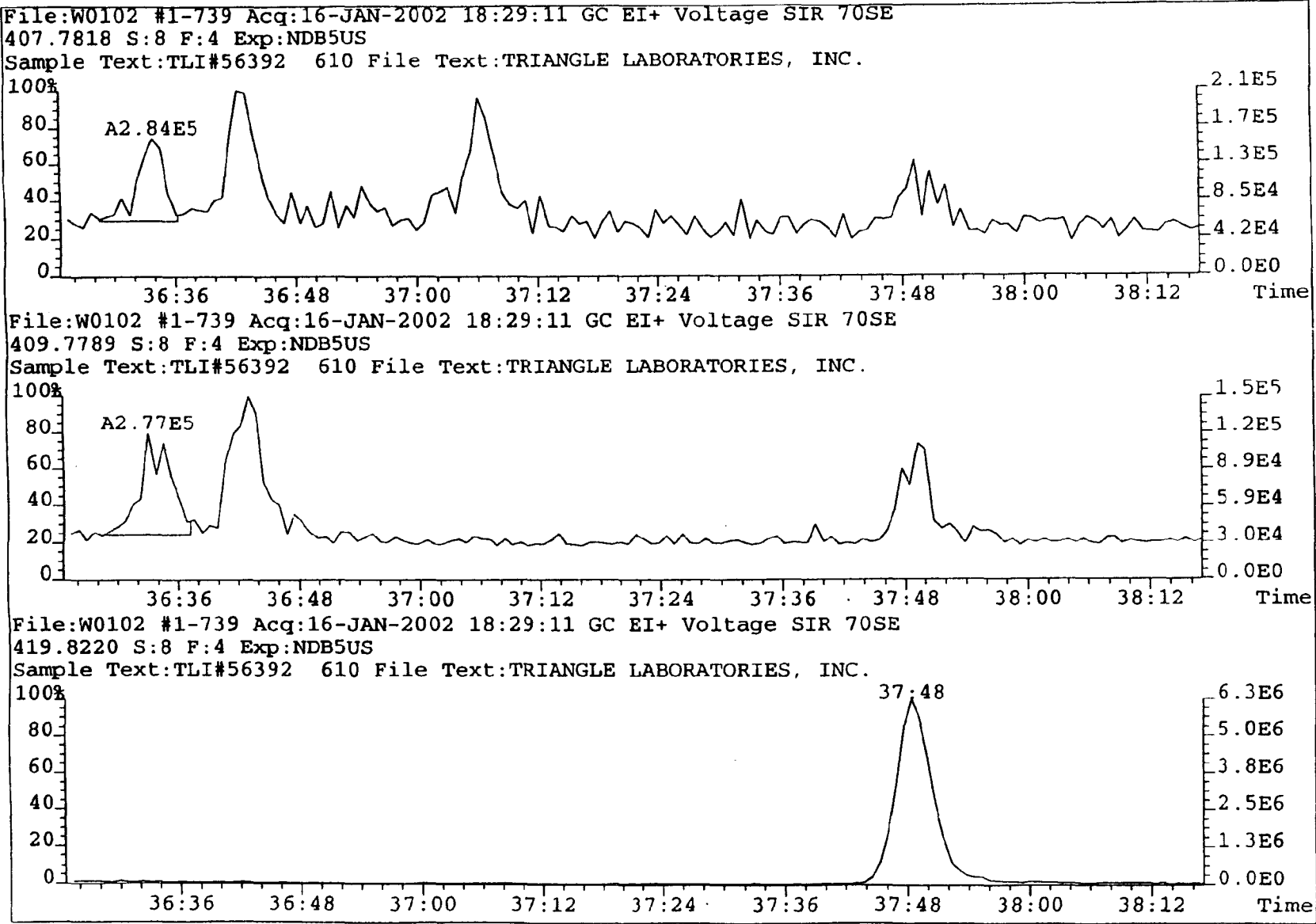


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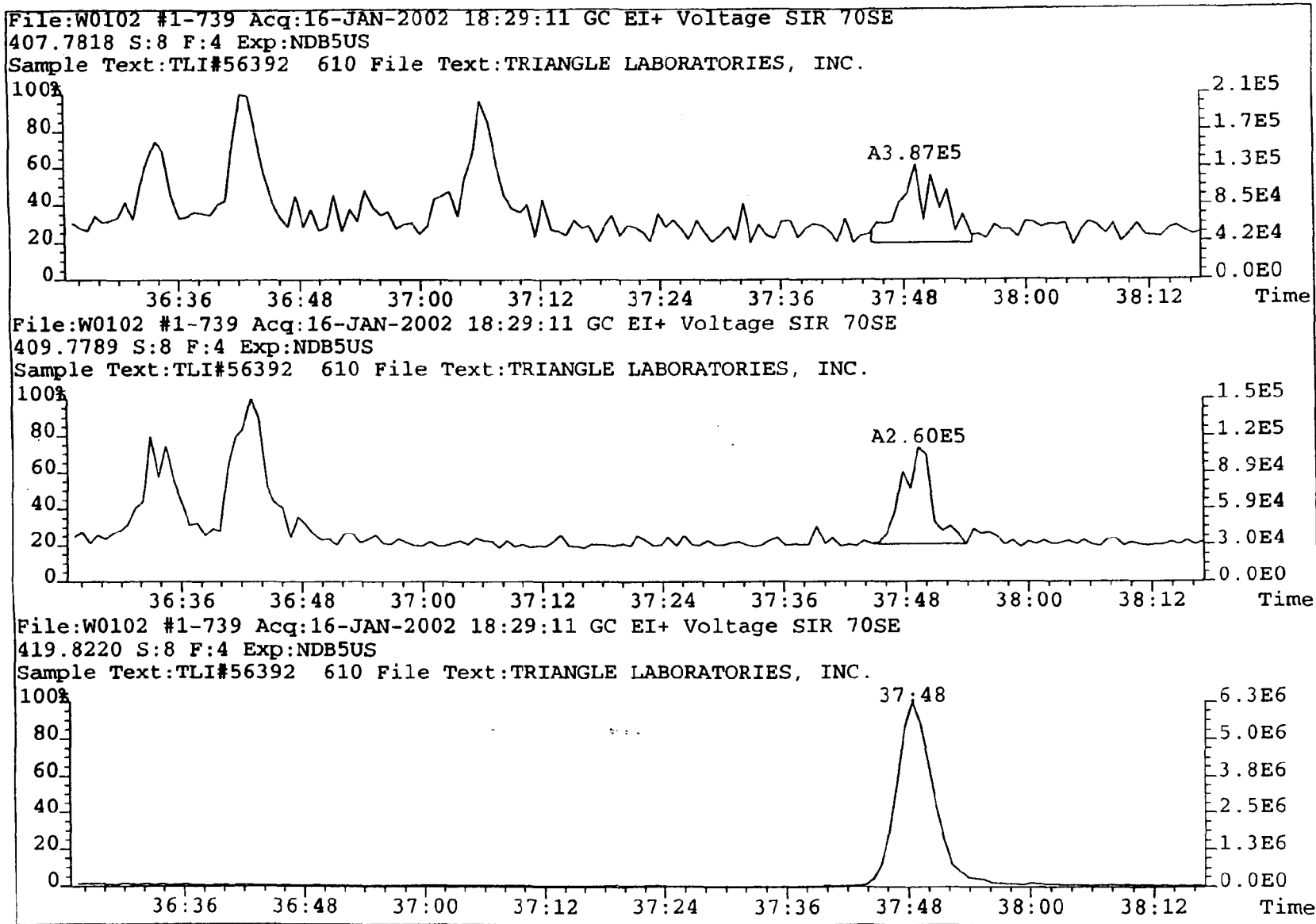


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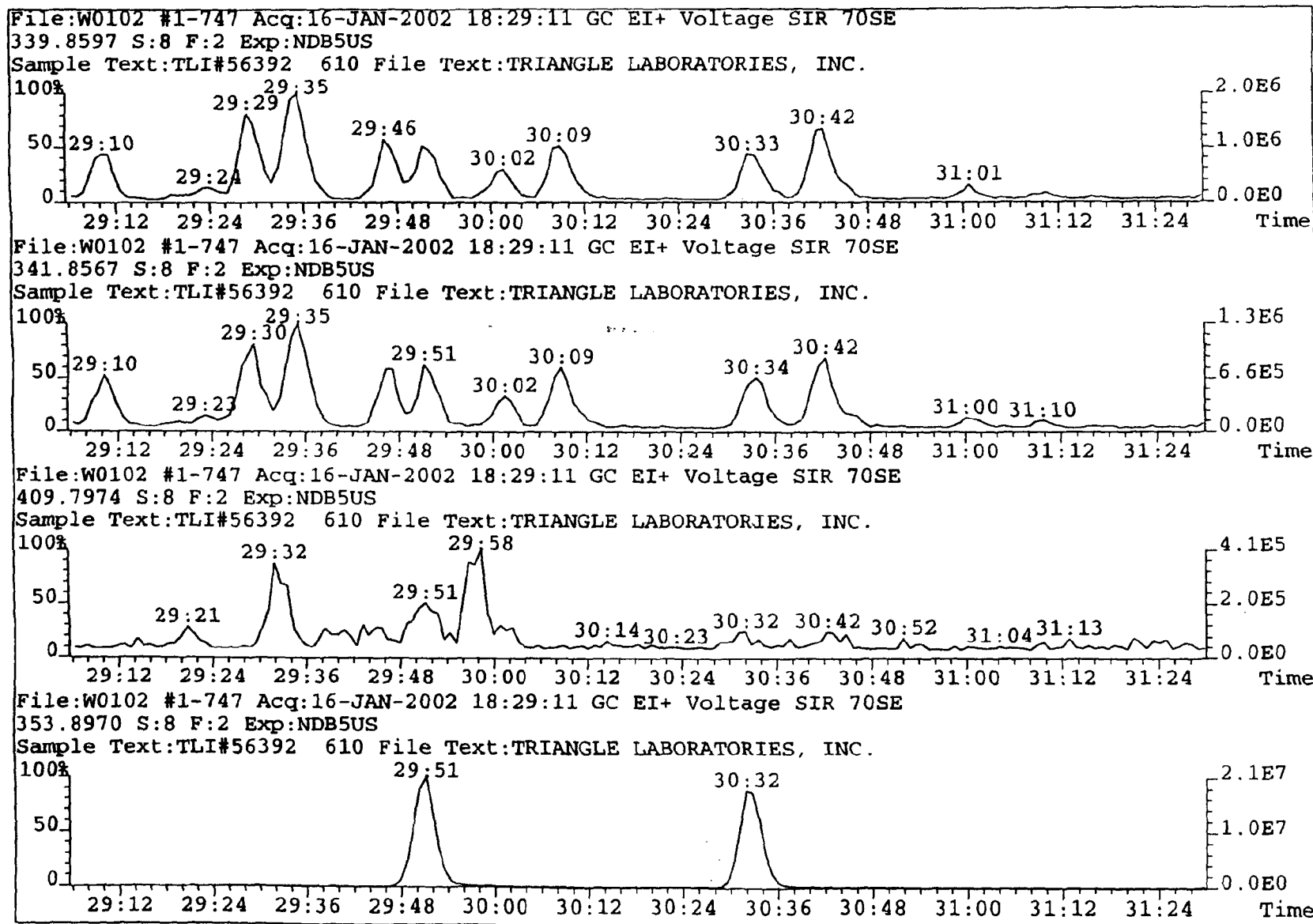
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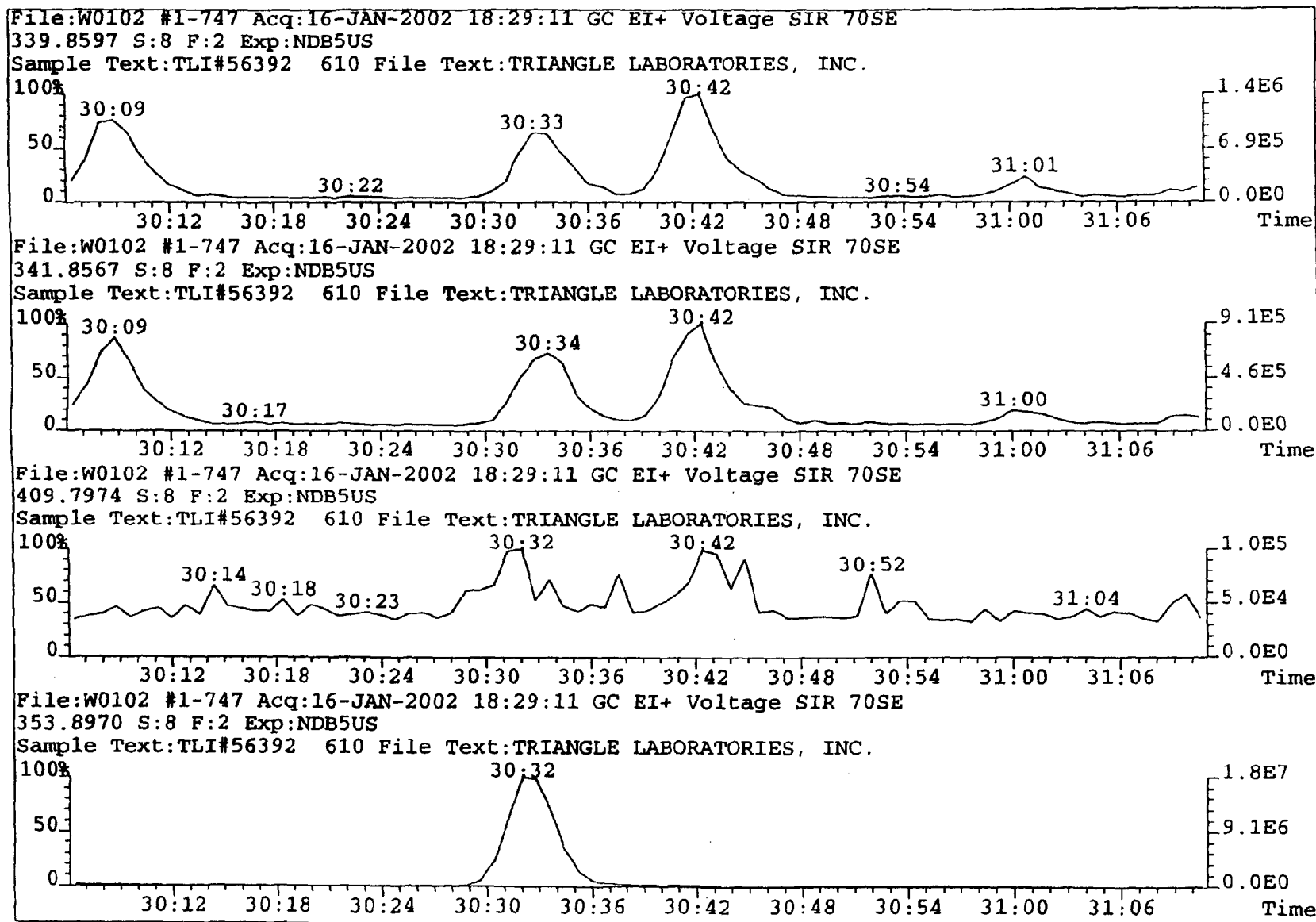
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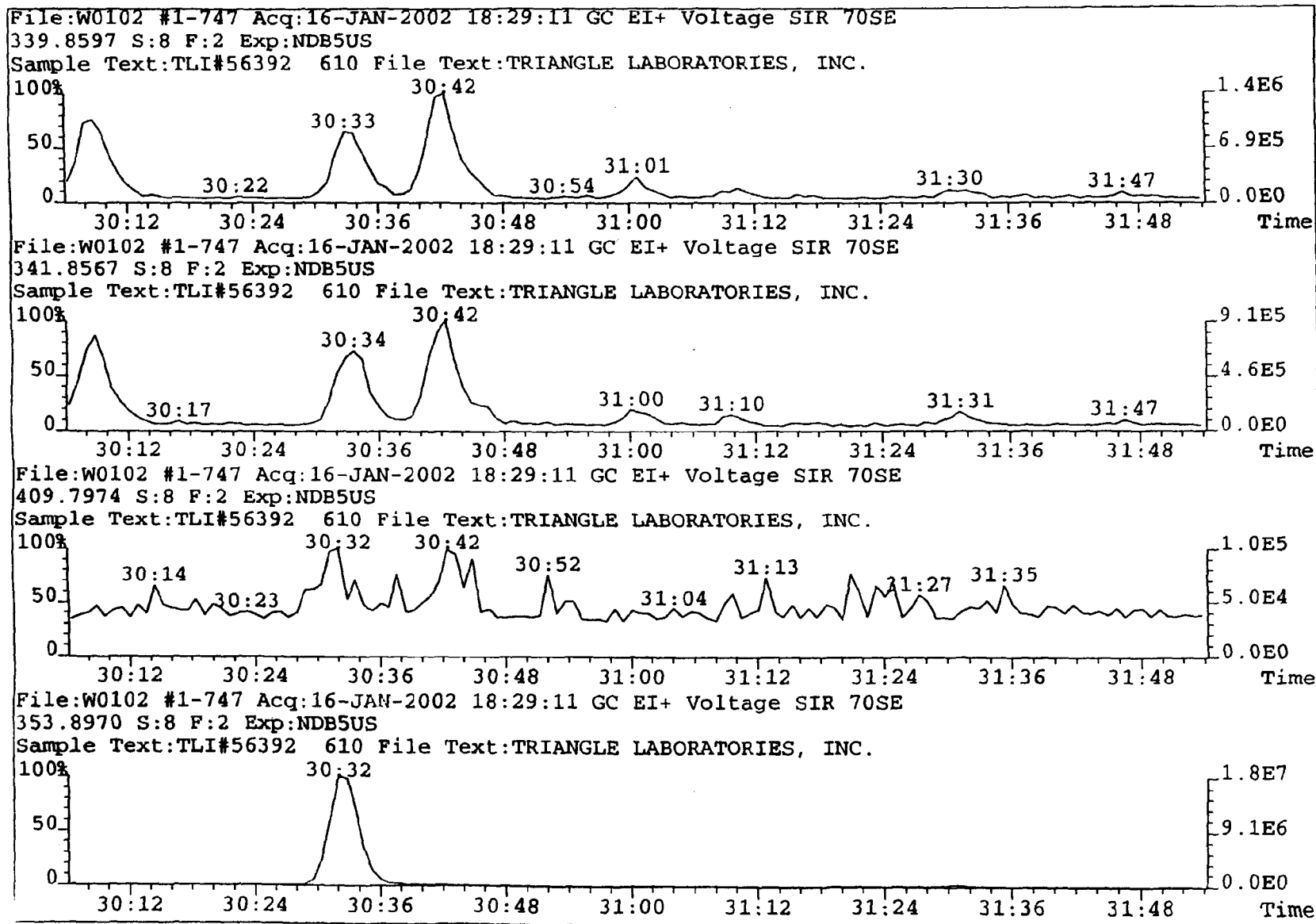
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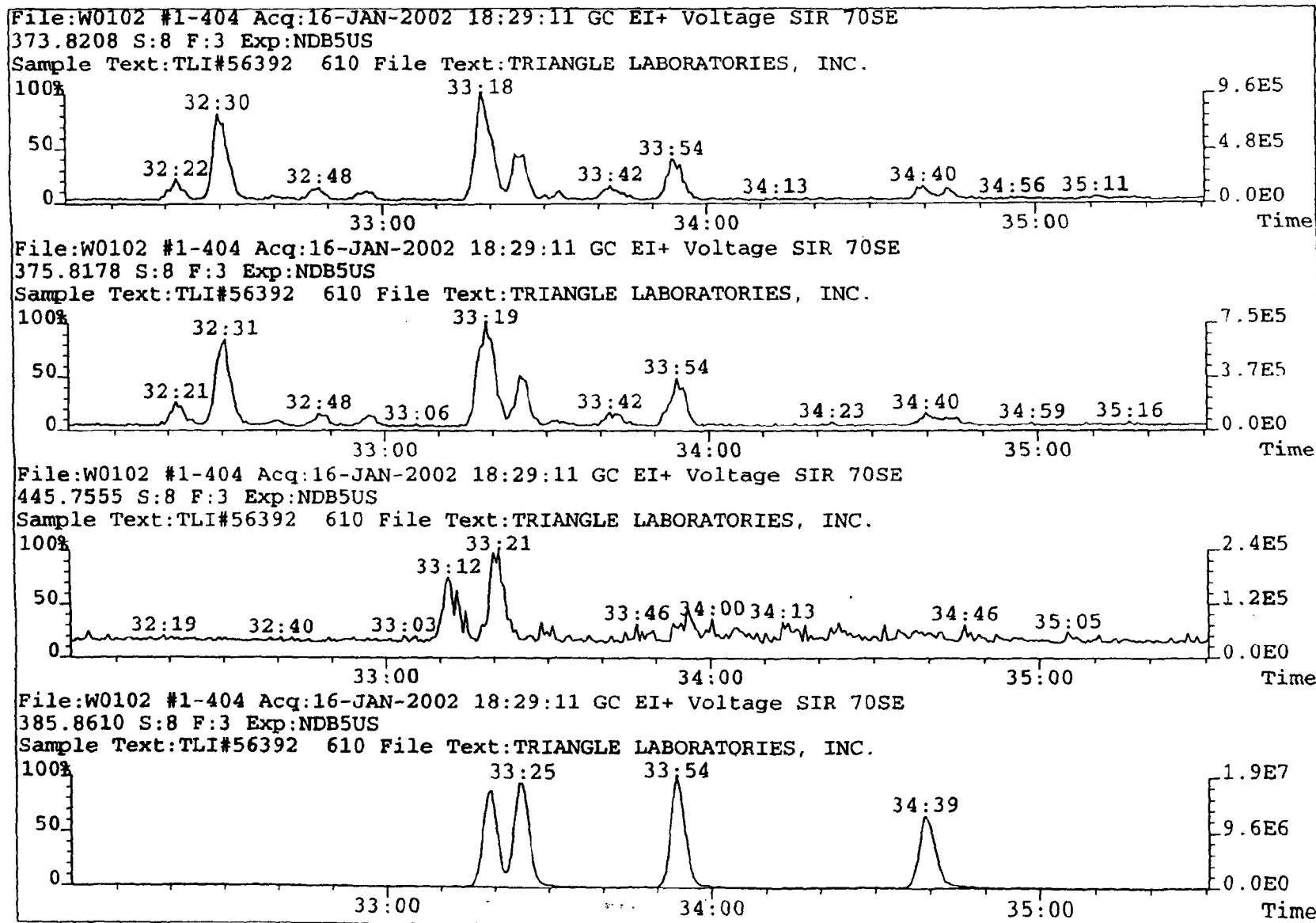
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339

CITY_21MC100_003114111



340

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