

CASE 3087
BATCH 06
SHIPMENT 1

005562

California Analytical Laboratories, Inc.



California Analytical Laboratories, Inc.
2544 Industrial Boulevard • West Sacramento, CA 95691 • (916) 372-1393

September 24, 1984
Lab No. T2341-T2364
Received: 8/24/84
Case 3089/06
68-01-6916

Mr. William Langley
U.S.EPA
Region 6, Laboratory
6608 Hornwood Drive
Monterey Park Plaza, Bldg. C
Houston, Texas 77074

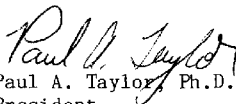
Dear Mr. Langley,


Enclosed are data summaries, documentation and QA/QC for samples comprising case 3089/06 received August 24, 1984. These samples were logged in under CAL Lab numbers T2341 through T2364 and analyzed under contract 68-01-6916. The cross correlation of ID numbers is shown on the data summary.

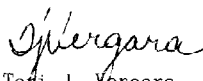
Sample DFO03802 (T2342) required clean-up option D; data will be sent within ten days. A partial scan of the sample containing the highest level of 2,3,7,8-TCDD will also be sent at that time. Sample DFO03807 (T2347) was analyzed as a native spike. The native spike recovery was 103%. All QA/QC data complies with the contract requirements.

If you have any questions about the data, please don't hesitate to call.

Sincerely,


Paul A. Taylor, Ph.D.
President


Michael J. Miille, Ph.D.
Director of GC/MS Services


Teri J. Vergara
Data Specialist

cc SMO
EMSL

003663

TCCD DATA REPORT
 California Analytical Laboratories
 2544 Industrial Blvd.
 W. Sacramento, CA 95691

Lab: California Analytical Laboratories
 Case No. 3089
 Batch/Shipment No. 6

Report Date: 9-24-84
 Column: 60 m x 0.32 mm id

Cal Labs ID	Sample Number	Aliquot C Wet Wt. U (grams)	PPB TCDD Meas	PPB TCDD Det. Lmt	Inst ID	Date	Time	320/	332/	PPB		320	322	257	328*	332	334	Comments
								322	334	Surrq Meas	Surrq % Acc'c							
T2341MBRI	METHOD BLANK	N 10.00	ND	0.06	5	09/18/84	08:03:00	1.00	0.79	0.92	92	-	-	-	108184	236391	300853	
T2341RI	DF003801	N 100.00	ND	0.004	5	09/18/84	08:30:00	1.00	0.81	0.10	100	-	-	-	185711	394562	486036	
T2343RI	DF003803	N 10.00	ND	0.10	5	09/18/84	09:14:00	1.00	0.82	0.93	93	-	-	-	82134	181670	222692	
T2344RI	DF003804	N 10.13	ND	0.13	5	09/18/84	21:10:00	1.00	0.79	0.91	91	-	-	-	77782	169417	214897	
T2345RI	DF003805	N 10.44	ND	0.02	5	09/18/84	21:58:00	1.00	0.76	0.95	95	-	-	-	161326	323561	423114	
T2346RI	DF003806	N 10.20	ND	0.06	5	09/18/84	22:19:00	1.00	0.79	0.97	97	-	-	-	175625	357772	454501	
T2346DRI	DF003806D	N 10.23	ND	0.03	5	09/19/84	20:52:00	1.00	0.78	0.90	90	1632	-	-	205300	451923	579941	
T2347NSRI	DF003807NS	N 9.97	1.04	-	5	09/19/84	21:10:00	0.79	0.79	0.96	96	107605	135779	83692	329706	570289	722251	
T2348RI	DF003808	N 10.12	ND	0.07	5	09/19/84	21:30:00	1.00	0.79	0.85	85	-	-	-	100448	237198	299714	
T2349RI	DF003809	N 10.29	ND	0.06	5	09/19/84	21:50:00	1.00	0.79	0.99	99	-	-	-	221370	289168	364411	
T2350RI	DF003810	N 10.20	ND	0.02	5	09/19/84	22:10:00	1.00	0.77	0.96	96	-	-	-	393964	813695	1050310	
T2351	DF003811	N 10.73	0.16	-	5	09/20/84	08:30:84	0.78	0.81	0.90	90	14176	18110	13776	197676	417639	517701	
T2352	DF003812	N 10.47	ND	0.03	5	09/20/84	09:16:00	1.00	0.79	0.92	92	-	-	-	181096	381600	481640	
T2353	DF003813	N 10.12	ND	0.06	5	09/20/84	09:46:00	1.00	0.79	0.89	89	-	-	-	132160	296847	373792	
T2354	DF003814	N 10.03	ND	0.07	5	09/20/84	10:09:00	1.00	0.78	0.95	95	-	-	-	116335	242772	312883	
T2355	DF003815	N 10.26	ND	0.20	5	09/20/84	10:32:00	1.00	0.80	1.19	119	-	-	-	51476	85514	106706	
T2356	DF003816	N 10.05	0.86	-	5	09/20/84	10:58:00	0.60	0.79	1.02	102	6069	10046	4923	20539	40309	51264	
T2357	DF003817	N 10.01	1.58	-	5	09/20/84	11:19:00	0.77	0.80	1.04	104	95104	123640	83994	155497	302243	379256	
T2358RI	DF003818	N 10.06	ND	0.08	5	09/20/84	14:12:00	1.00	0.81	0.99	99	-	-	-	104530	213360	264498	
T2359	DF003819	N 10.09	ND	0.06	5	09/20/84	13:36:00	1.00	0.80	0.99	99	-	-	-	167533	342255	426871	
T2360	DF003820	N 10.07	ND	0.03	5	09/20/84	14:37:00	1.00	0.80	1.01	101	-	-	-	281608	564934	706903	
T2361	DF003821	N 9.98	ND	0.05	5	09/20/84	15:38:00	1.00	0.79	0.99	99	-	-	-	173936	352920	449070	
T2362	DF003822	N 10.01	ND	0.04	5	09/20/84	16:00:00	1.00	0.81	1.01	101	-	-	-	209142	424181	525032	
T2363	DF003823	N 10.04	0.12	-	5	09/20/84	17:21:00	0.75	0.80	1.01	101	8204	10872	5889	168512	336500	420548	
T2364	DF003824	N 10.02	ND	0.06	5	09/20/84	17:49:00	1.00	0.80	1.01	101	-	-	-	164171	329017	409810	

MB = Method Blank FB = Field Blank
 P = Partial Scan/Confirmatory Analysis ND = Not Detected
 NS = Native TCDD Spike DL = Detection Limit
 D = Duplicate/Fortified Field Blank RX = Re-extraction
 RI = Re-injection

*Corrected for contribution by native TCDD; 0.9% of m/z 322 subtracted

TCDD DATA REPORT
 California Analytical Laboratories
 2544 Industrial Blvd.
 W. Sacramento, CA 95691

Lab: California Analytical Laboratories
 Case No. 3089
 Batch/Shipment No. 6

Report Date: 9-24-84

REJECTED DATA

Cal Labs ID	Sample Number	Aliquot C Wet Wt. U (grams)	PPB TCDD Meas	PPB TCDD		Date	Time	PPB				320	322	257	328*	332	334	Comments
				Det.	Inst			320/ 322	332/ 334	Surrq Meas	Surrq % Acc'c							
T2358	DF003818	N 10.06	ND	0.620	5	09/20/84	13:05:00	1.00	0.79	0.98	1	-	-	-	14222	29110	36995	D.L. TOO HIGH

MB = Method Blank FB = Field Blank
 P = Partial Scan/Confirmatory Analysis ND = Not Detected
 NS = Native TCDD Spike DL = Detection Limit
 D = Duplicate/fortified Field Blank RX = Re-extraction
 RI = Re-injection

*Corrected for contribution by native TCDD; 0.9% of m/z 322 subtracted

QUALITY CONTROL SUMMARY

Case No. 3089/06

Mean Accuracy, Surrogate Measurements: 97% # of Data Points: 25

Accuracy, Fortified/Spike Field Blank: 103% Sample # DF003807

Rel. Diff. (%), Duplicate Analysis: 7.5% Sample # DF003806

6
6
5
0
0

California Analytical Laboratories
Daily Calibration Summary

Native Conc	ID	Injection Date	Injection Time	Standard ID	A320	A322	A323	A328	A332	A334	RF		TCDD Isomer Resolut'ns
											Native	Surr.	
PC	5	09/18/84	07:07:00	DH5840918	114360	147016	15483	89463	191252	242567	1.21	1.02	10.40
CC1	5	09/18/84	07:37:00	ST5840918	36449	49783		29164	197744	253519	.96	1.06	
CC1	5	09/18/84	13:06:00	ST5840918A	52360	68360		43264	267384	343855	.99	1.16	
PC	5	09/18/84	20:23:00	DH5840918C	319854	412619	43051	261721	519896	675628	1.23	1.08	22.60
CC1	5	09/18/84	21:33:00	ST5840918G	71647	88022		52952	353111	452360	.99	1.08	
PC	5	09/18/84	22:54:00	DH5840918D	359982	455468	58033	297933	607223	765459	1.19	1.07	22.00
-PC	5	09/18/84	22:54:00	DH5840918D	359982	455468	58033	297933	607223	765459	1.19	1.07	22.00
CC1	5	09/18/84	23:22:00	ST5840918I	86076	109843		70887	469857	611734	.91	1.08	

Solution ID Codes:

PC = Performance check solution
 CC1 = Concentration calibration solution #1 = 0.2 ug/ml
 CC2 = Concentration calibration solution #2 = 1.0 ug/ml
 CC3 = Concentration calibration solution #3 = 5.0 ug/ml
 CC4 = Concentration calibration solution #4 = 20.0 ug/ml
 CC5 = Concentration calibration solution #5 = 40.0 ug/ml

California Analytical Laboratories
Daily Calibration Summary

Native Conc	ID	Injection Date	Injection Time	Standard ID	A320	A322	A323	A328	A332	A334	RF Native	RF Surr.	TCDD Isomer Resolut'ns
PC	5	09/19/84	17:20:00	DH5840919A	330254	442235	65436	305697	527229	647602	1.32	1.28	7.40
CC1	5	09/19/84	20:32:00	ST5840919A	89277	114532		74440	479292	610915	.93	1.12	
CC1	5	09/19/84	22:31:00	ST5840919B	13888	22842		16749	99730	131060	.80	1.19	
PC	5	09/19/84	22:51:00	DH5840919B	249907	334864	41696	248758	525771	671310	.98	1.03	7.40
CC1	5	09/19/84	23:14:00	ST5840919C	140520	179056		110608	734338	958539	.94	1.07	

Solution ID Codes:

PC = Performance check solution
 CC1 = Concentration calibration solution #1 = 0.2 ug/ml
 CC2 = Concentration calibration solution #2 = 1.0 ug/ml
 CC3 = Concentration calibration solution #3 = 5.0 ug/ml
 CC4 = Concentration calibration solution #4 = 20.0 ug/ml
 CC5 = Concentration calibration solution #5 = 40.0 ug/ml

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California Analytical Laboratories
Daily Calibration Summary

Native Conc	ID	Injection Date	Injection Time	Standard ID	A320	A322	A323	A328	A332	A334	RF		TCDD Isomer Resolut'ns
											Native	Surr.	
PC	5	09/20/84	07:01:00	DH5840920	267278	346416	44520	232004	523887	648815	1.05	.98	5.97
CC1	5	09/20/84	07:32:00	ST5840920	102320	131856		78928	551203	685231	.95	1.05	
CC1	5	09/20/84	11:53:00	ST5840920A	78545	104646		68312	439079	549747	.93	1.14	
PC	5	09/20/84	12:18:00	DH5840920A	153752	201927	28332	161871	296782	364574	1.08	1.21	7.40
PC	5	09/20/84	16:23:00	DH5840920B	133974	175594	23983	132557	266840	328664	1.04	1.10	7.40
CC1	5	09/20/84	16:55:00	ST5840920B	98112	128404		83536	534459	655095	.95	1.15	
CC1	5	09/20/84	21:17:00	ST5840920C	73707	99348		63528	399359	516637	.94	1.14	
PC	5	09/20/84	21:43:00	DH5840920C	346432	450541	62956	343414	675113	825939	1.06	1.13	11.80
CC1	5	09/20/84	23:35:00	ST5840920D	71784	91206		60226	397775	490583	.92	1.11	
PC	5	09/20/84	23:57:00	DH5840920D	208702	268588	37690	220501	417247	516051	1.02	1.17	11.80

Solution ID Codes:

PC = Performance check solution
 CC1 = Concentration calibration solution #1 = 0.2 ug/ml
 CC2 = Concentration calibration solution #2 = 1.0 ug/ml
 CC3 = Concentration calibration solution #3 = 5.0 ug/ml
 CC4 = Concentration calibration solution #4 = 20.0 ug/ml
 CC5 = Concentration calibration solution #5 = 40.0 ug/ml

003669

California Analytical Laboratories
Initial Calibration Summary

	Injection Date	Injection Time	Standard ID	NATIVE REE	SURROGATE REE	VALLEY
CC1	06/26/84	09:13:00	ST5840626A	1.00	1.16	
	06/26/84	09:33:00	ST5840626B	.98	1.13	
	06/26/84	15:06:00	ST5840626C	.98	1.15	
			Mean	.988	1.146	
CC2	06/26/84	09:55:00	ST5840626D	.97	1.16	
	06/26/84	10:17:00	ST5840626E	1.00	1.02	
	06/26/84	10:37:00	ST5840626F	1.01	1.02	
			Mean	.993	1.068	
CC3	06/26/84	10:52:00	ST5840626G	1.02	1.05	
	06/26/84	11:10:00	ST5840626H	1.02	1.06	
	06/26/84	11:26:00	ST5840626I	1.02	1.08	
			Mean	1.018	1.065	
CC4	06/26/84	13:03:00	ST5840626J	1.02		
	06/26/84	13:18:00	ST5840626K	1.00		
	06/26/84	13:38:00	ST5840626L	1.02		
			Mean	1.014		
CC5	06/26/84	13:57:00	ST5840626M	1.04		
	06/26/84	14:13:00	ST5840626N	1.06		
	06/26/84	14:30:00	ST5840626O	1.05		
			Mean	1.052		
		Over-all Means:	1.013	1.093		
		Std deviations:	.0255	.0571		

003670

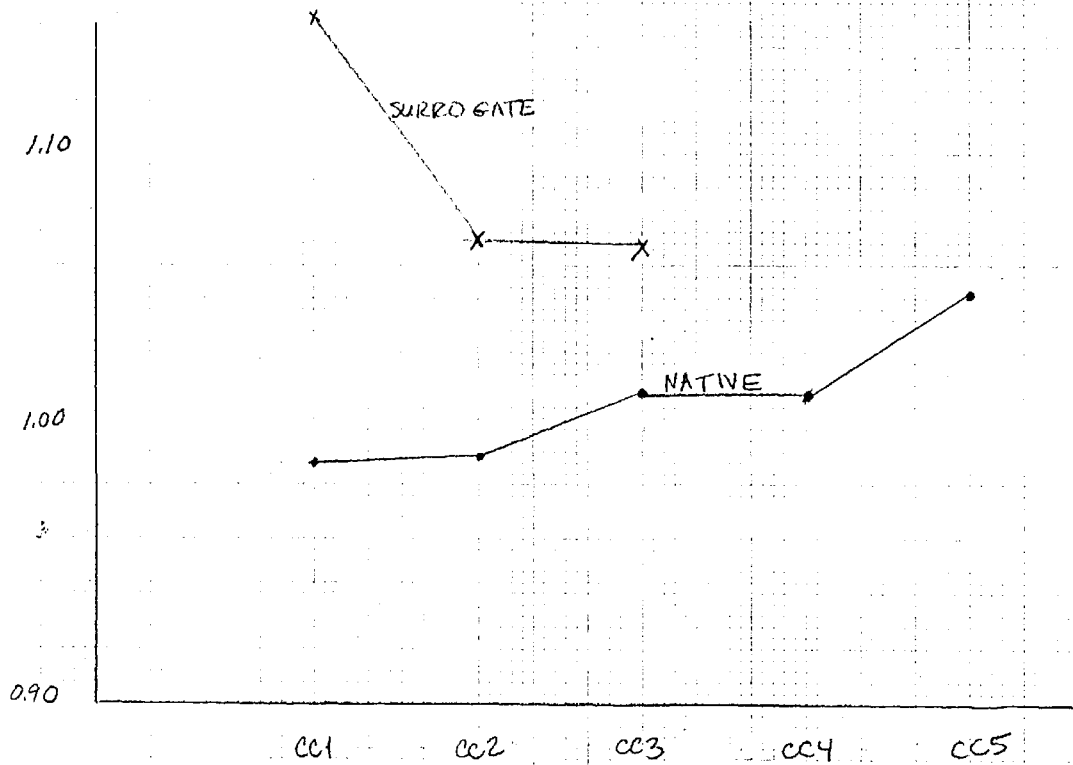
Solution ID Codes:

- PC = Performance check solution
- CC1 = Concentration calibration solution #1 = 0.2 ug/ml
- CC2 = Concentration calibration solution #2 = 1.0 ug/ml
- CC3 = Concentration calibration solution #3 = 5.0 ug/ml
- CC4 = Concentration calibration solution #4 = 20.0 ug/ml
- CC5 = Concentration calibration solution #5 = 40.0 ug/ml

INITIAL CALIBRATION
RRF

6-26-84

F-5



005671

MID MASS CHROMATOGRAMS

DATA: ST5840626A #1

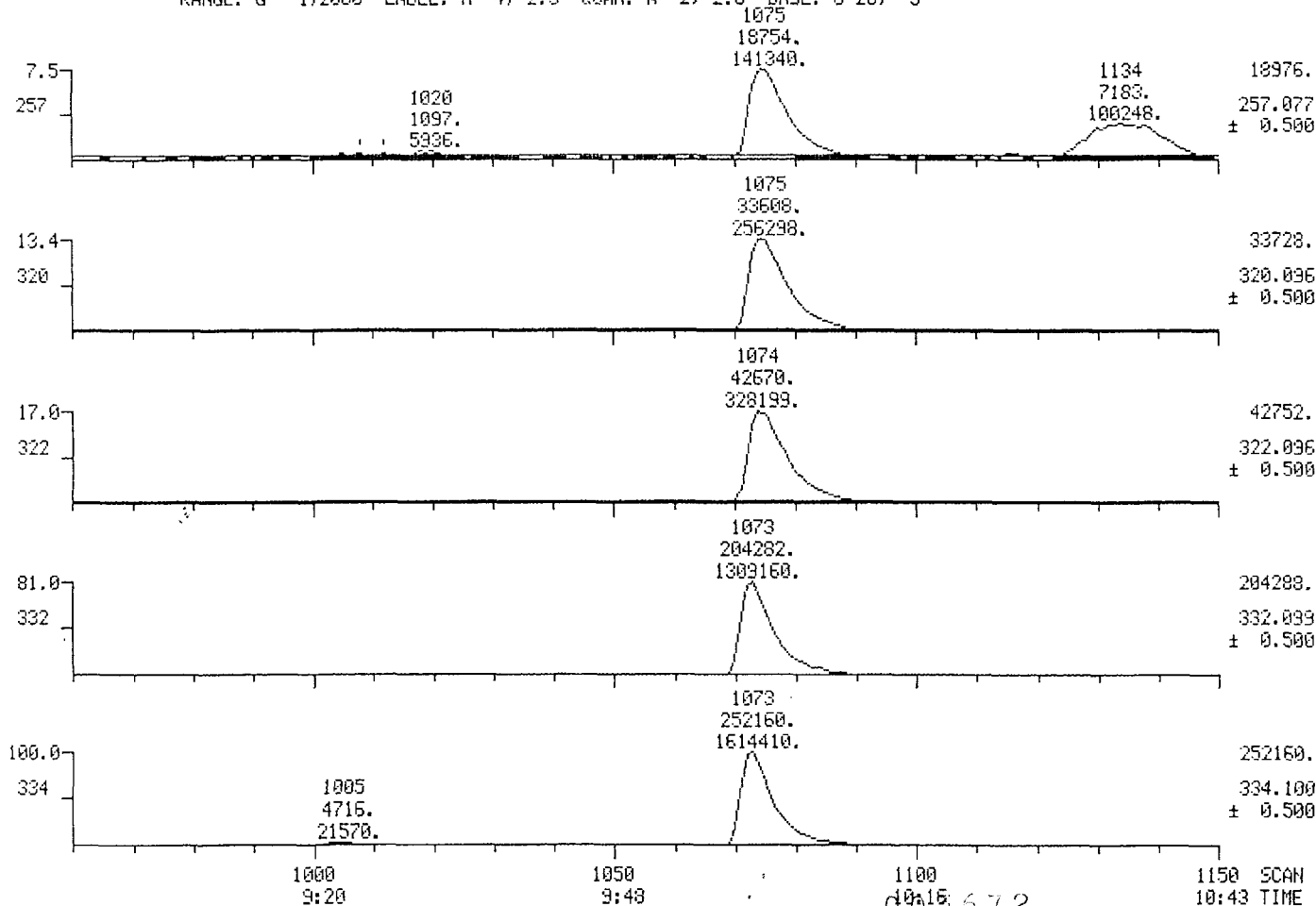
SCANS 960 TO 1150

06/25/84 9:13:00

CALI: F5940626 #5

SAMPLE: 2UL OF 0.2NG/UL TCDD STD. CALI #1

RANGE: G 1.2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: ST5840626A #1

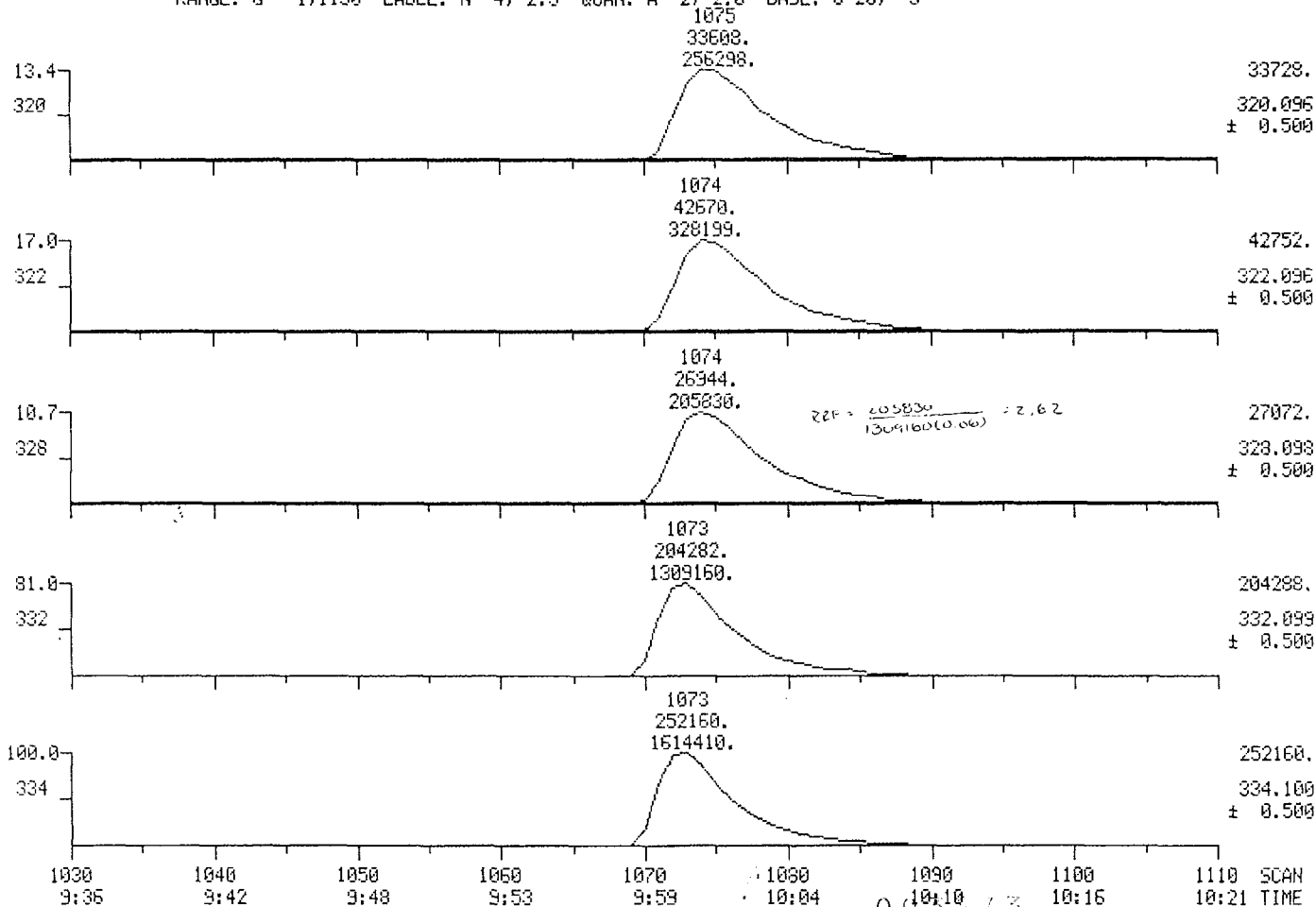
SCANS 1030 TO 1110

06/25/84 9:13:00

CALI: F5840626 #5

SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/26/84 9:33:00

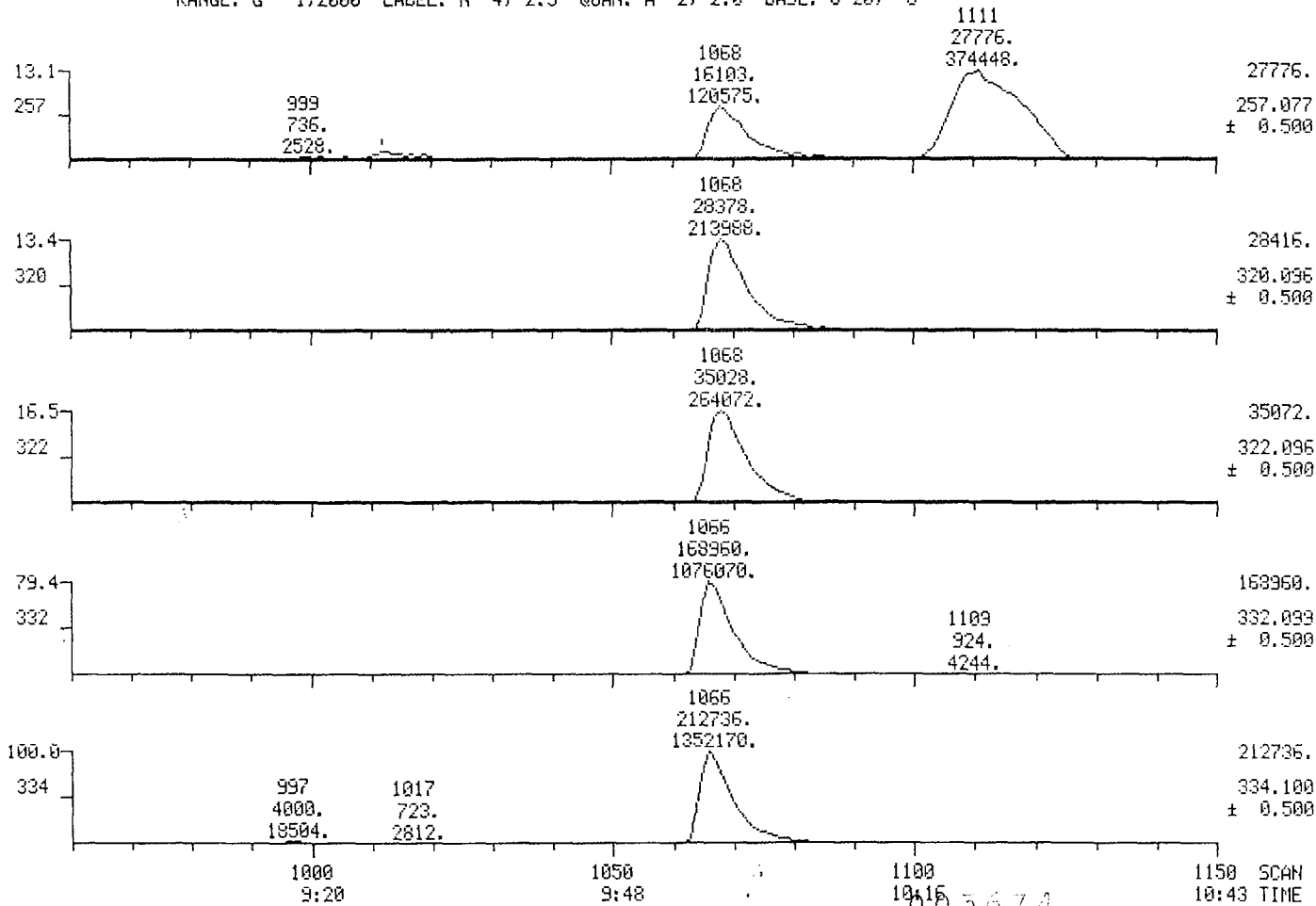
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1, SP-2330

RANGE: G 1,2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626B #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

DATA: ST5840626B #1

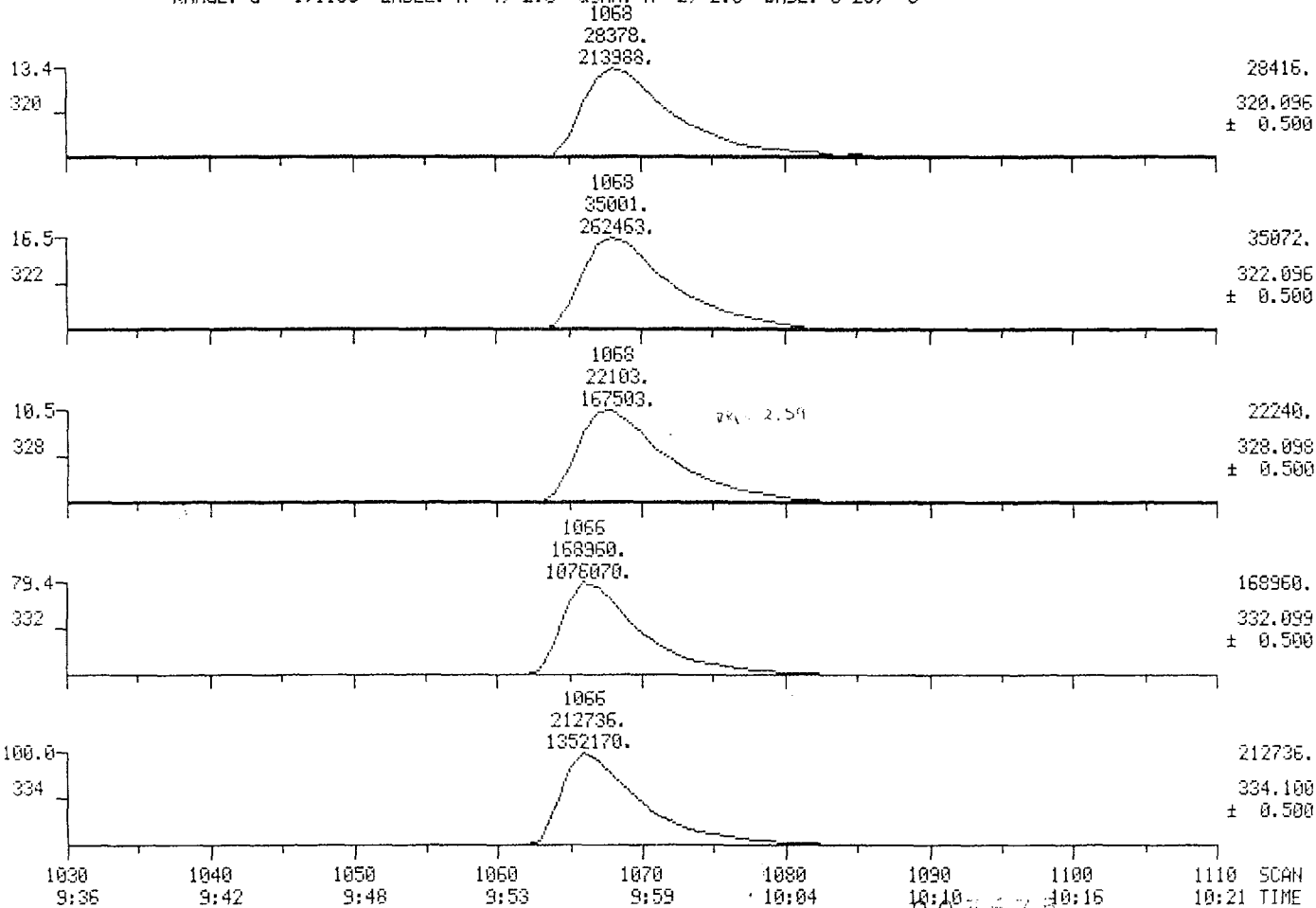
SCANS 1030 TO 1110

06/26/84 9:33:00

CALI: F5840626 #5

SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1, SP-2330

RANGE: G 1.1150 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



003673

MID MASS CHROMATOGRAMS

DATA: ST58406260 #1

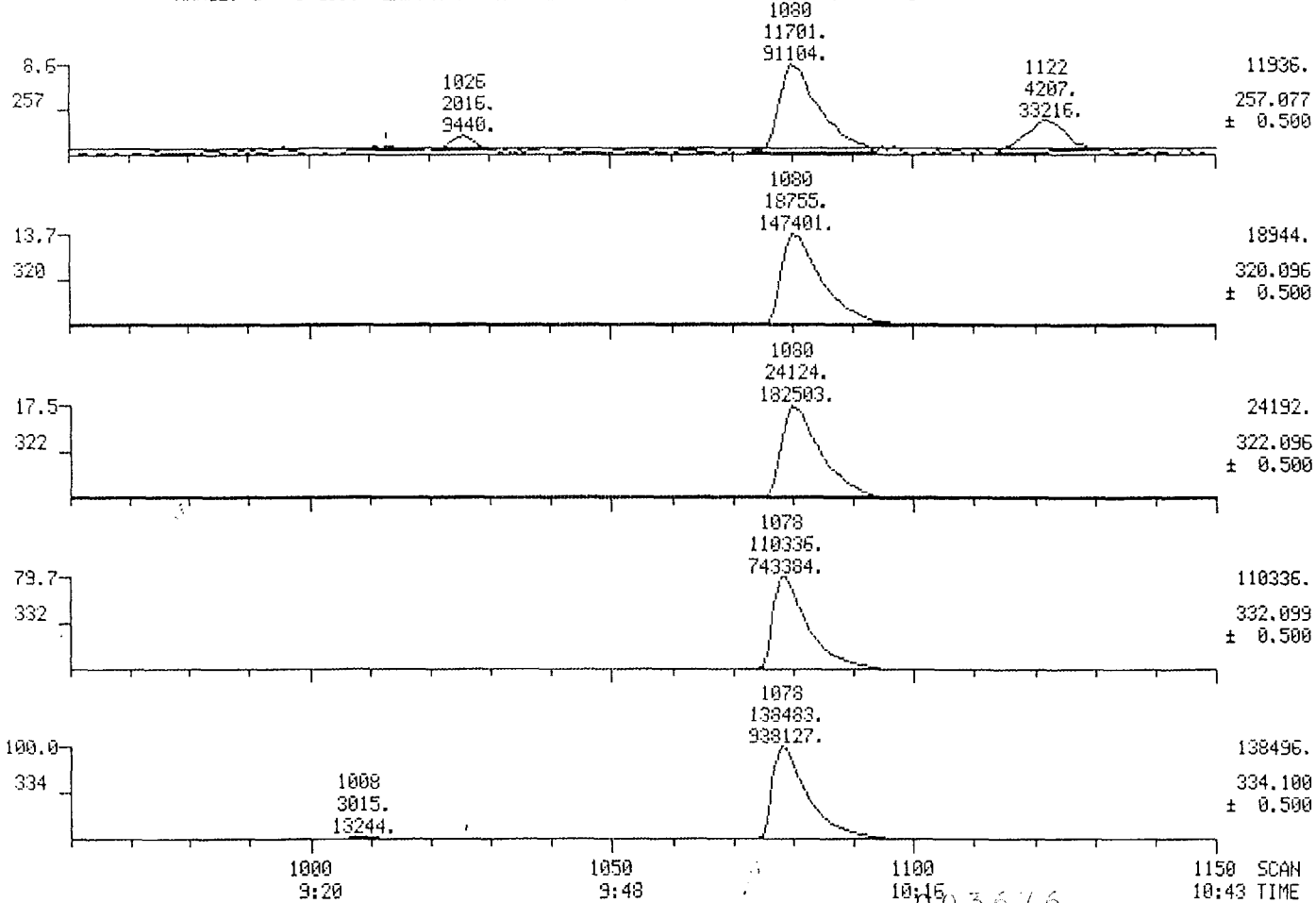
SCANS 960 TO 1150

05/26/84 15:06:00

CALI: F5840626 #5

SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



003676

MID MASS CHROMATOGRAMS

06/26/84 15:06:00

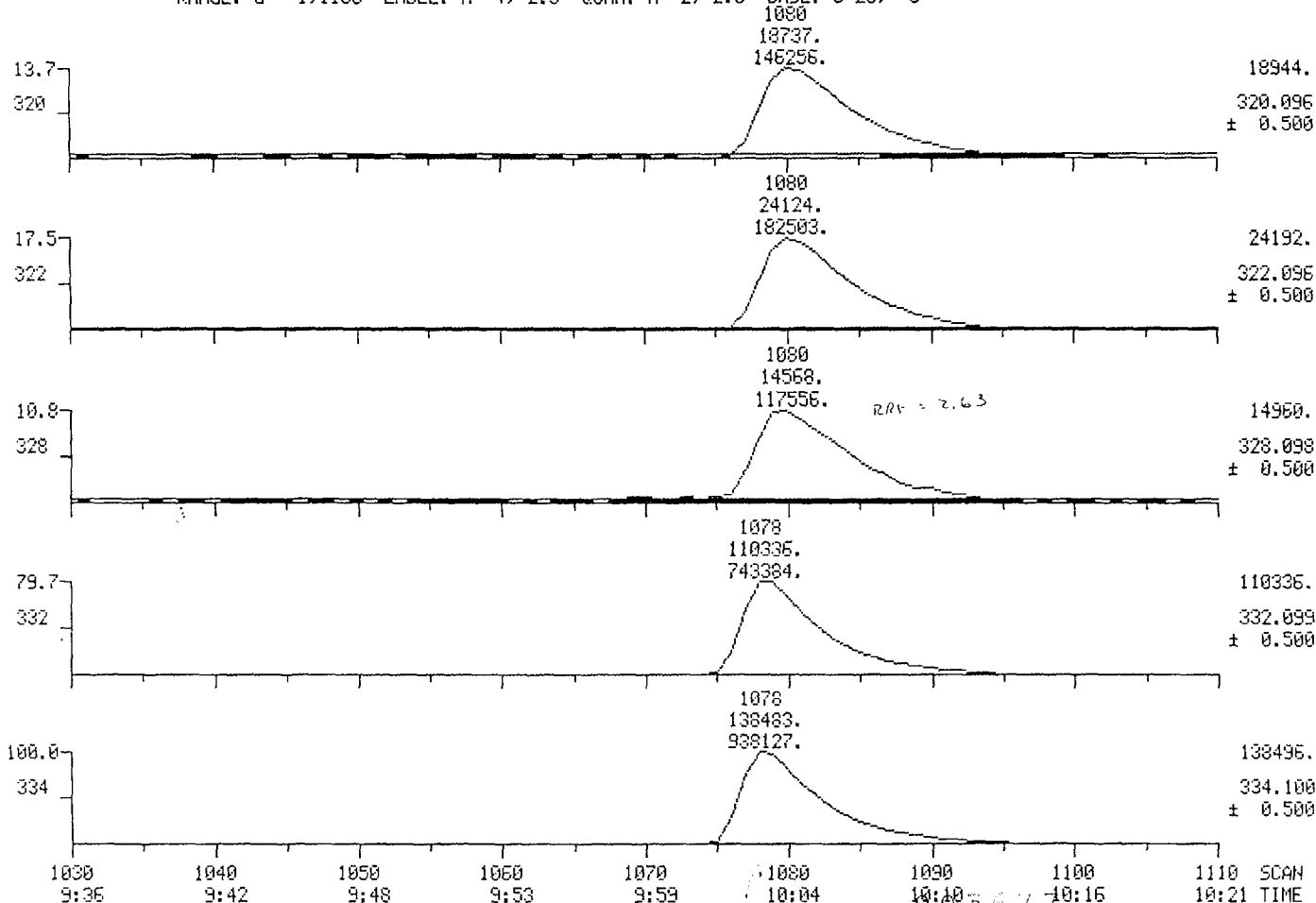
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST58406260 #1

CALI: F5840626 #5

SCANS 1030 TO 1110



MID MASS CHROMATOGRAMS

06/26/84 8:29:00

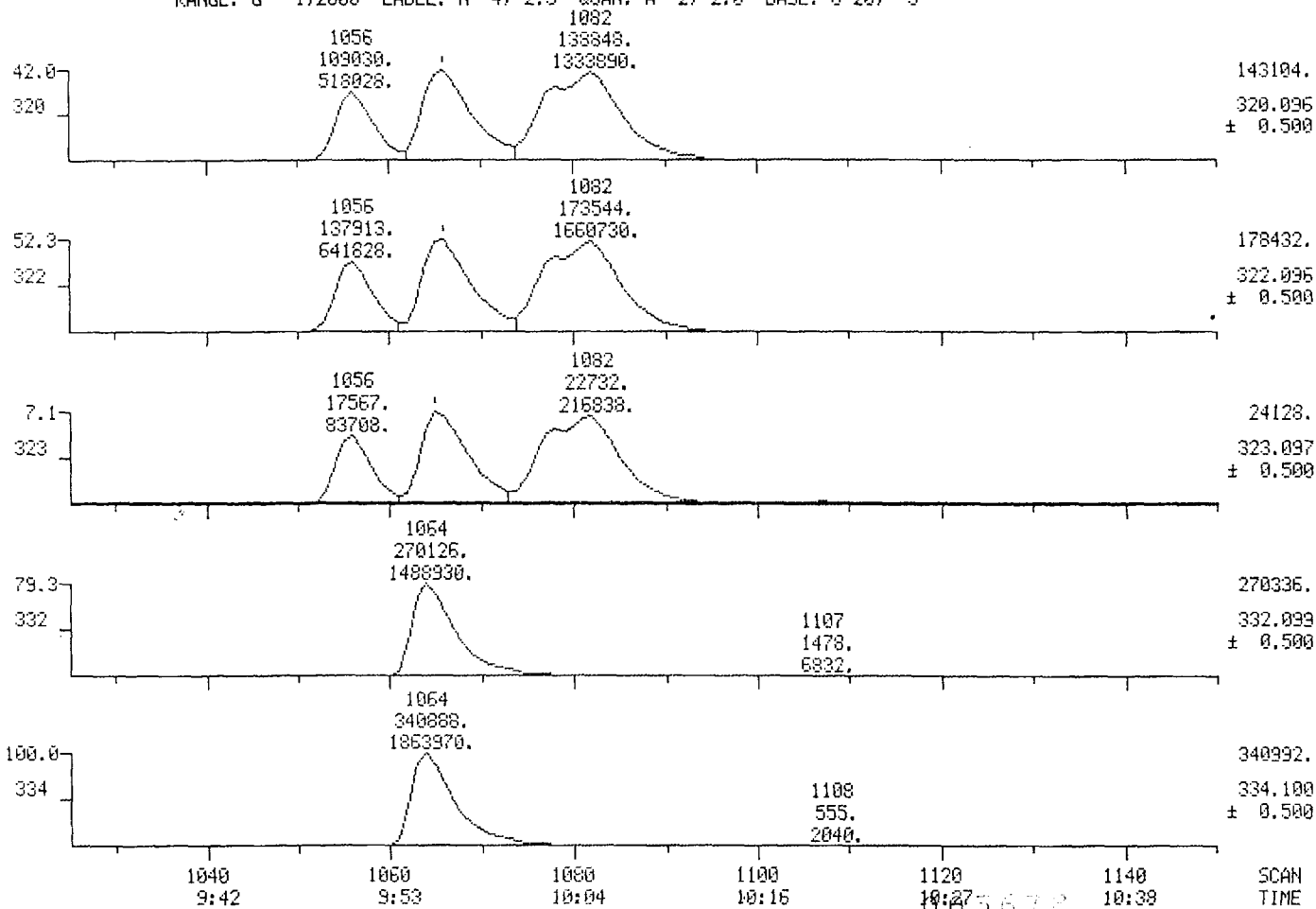
SAMPLE: 2UL OF CPSM

RANGE: G 1.2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: DH5840626 #1150

CALI: F5840626 #5

SCANS 1025 TO 1150



005678

MID MASS CHROMATOGRAMS

06/26/84 8:29:00

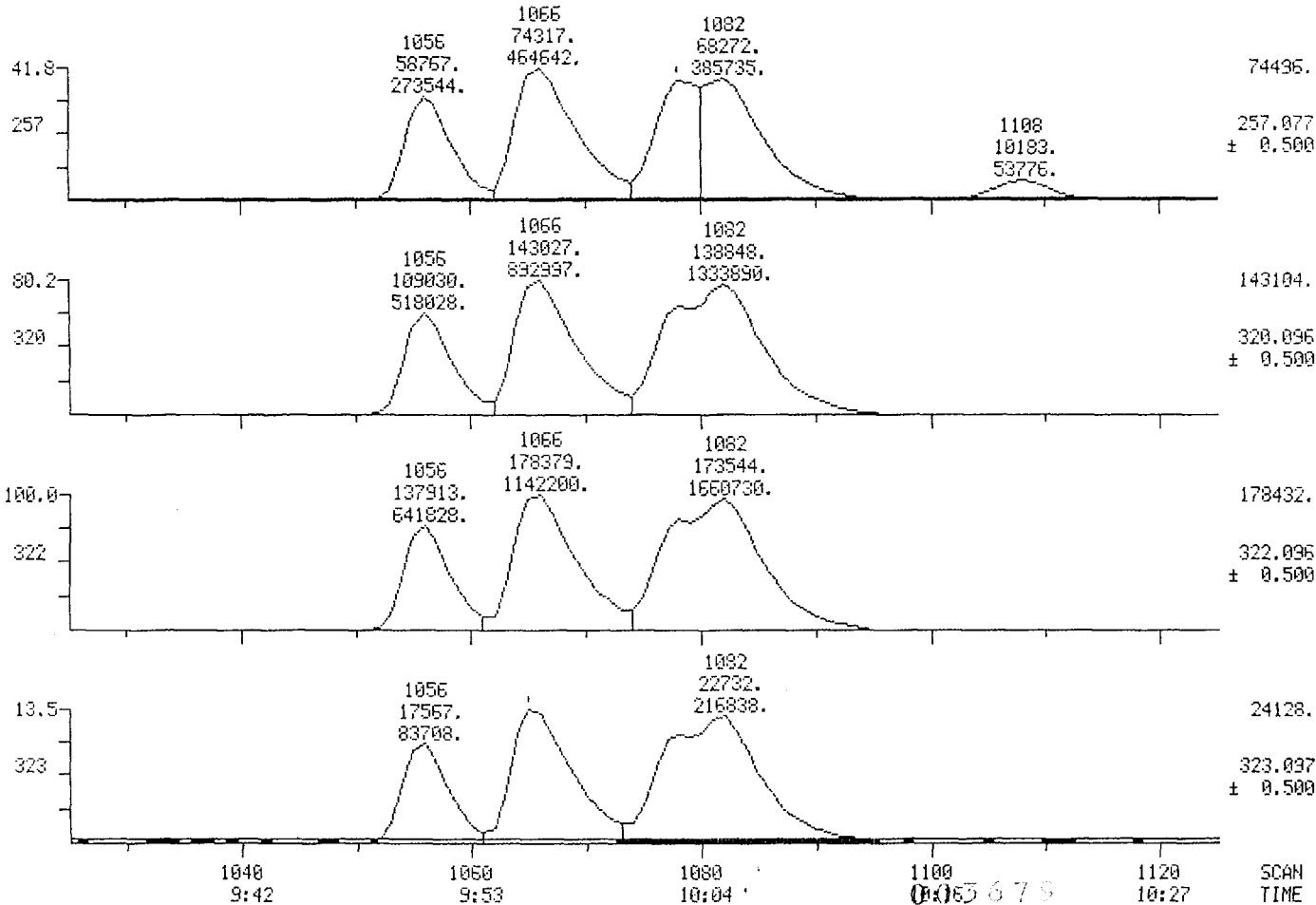
SAMPLE: 2UL OF CPSM

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: DH5840626 #1150

CALI: F5840626 #5

SCANS 1025 TO 1125



MID MASS CHROMATOGRAMS

DATA: ST5840626D #1150

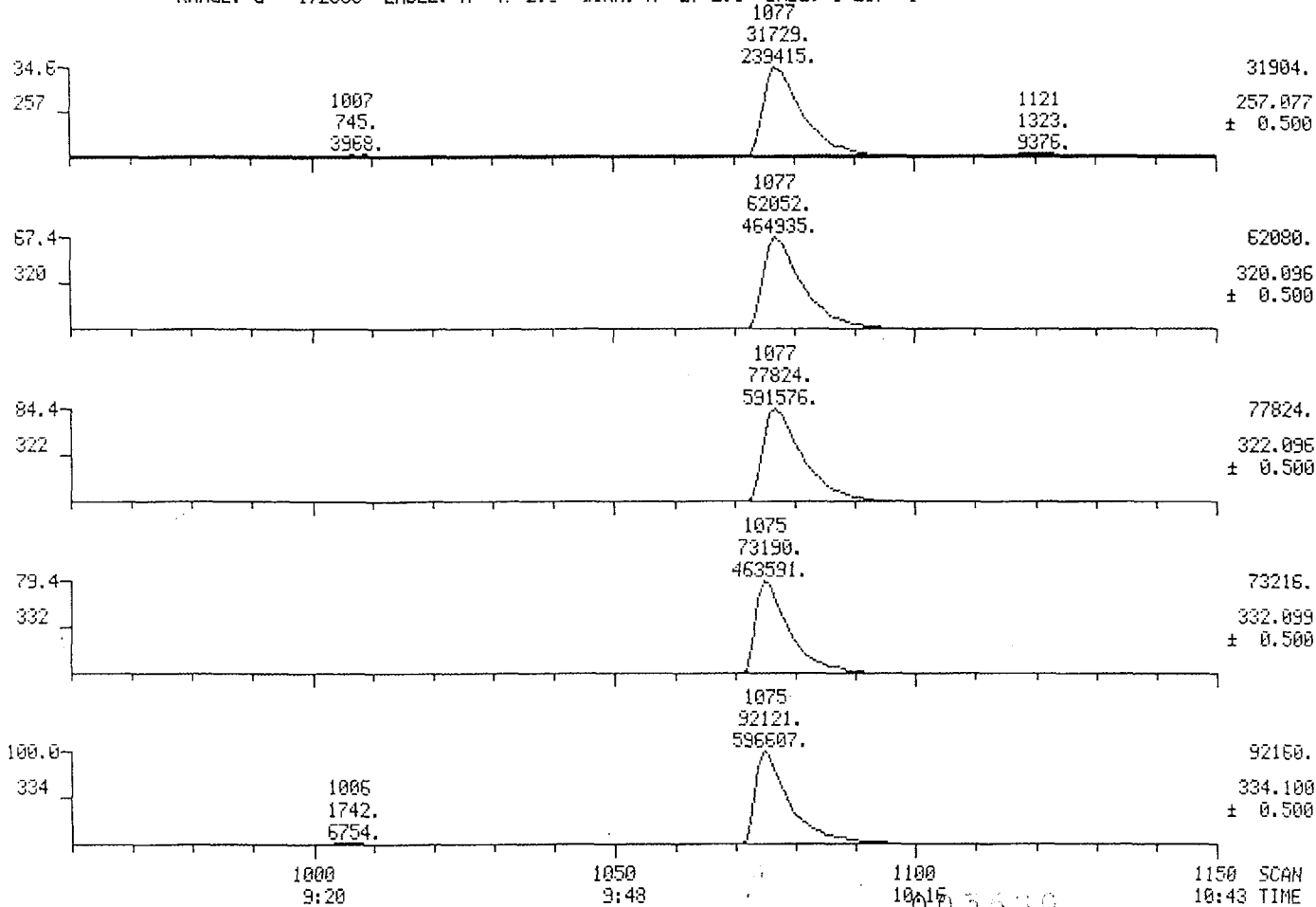
SCANS 960 TO 1150

06/26/84 10:17:00

CALI: F5840626 #5

SAMPLE: 2UL OF 1.0NG/UL TCDD STD, CALI #2, SP-2330

RANGE: G 1,2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: 5T5840626C #1

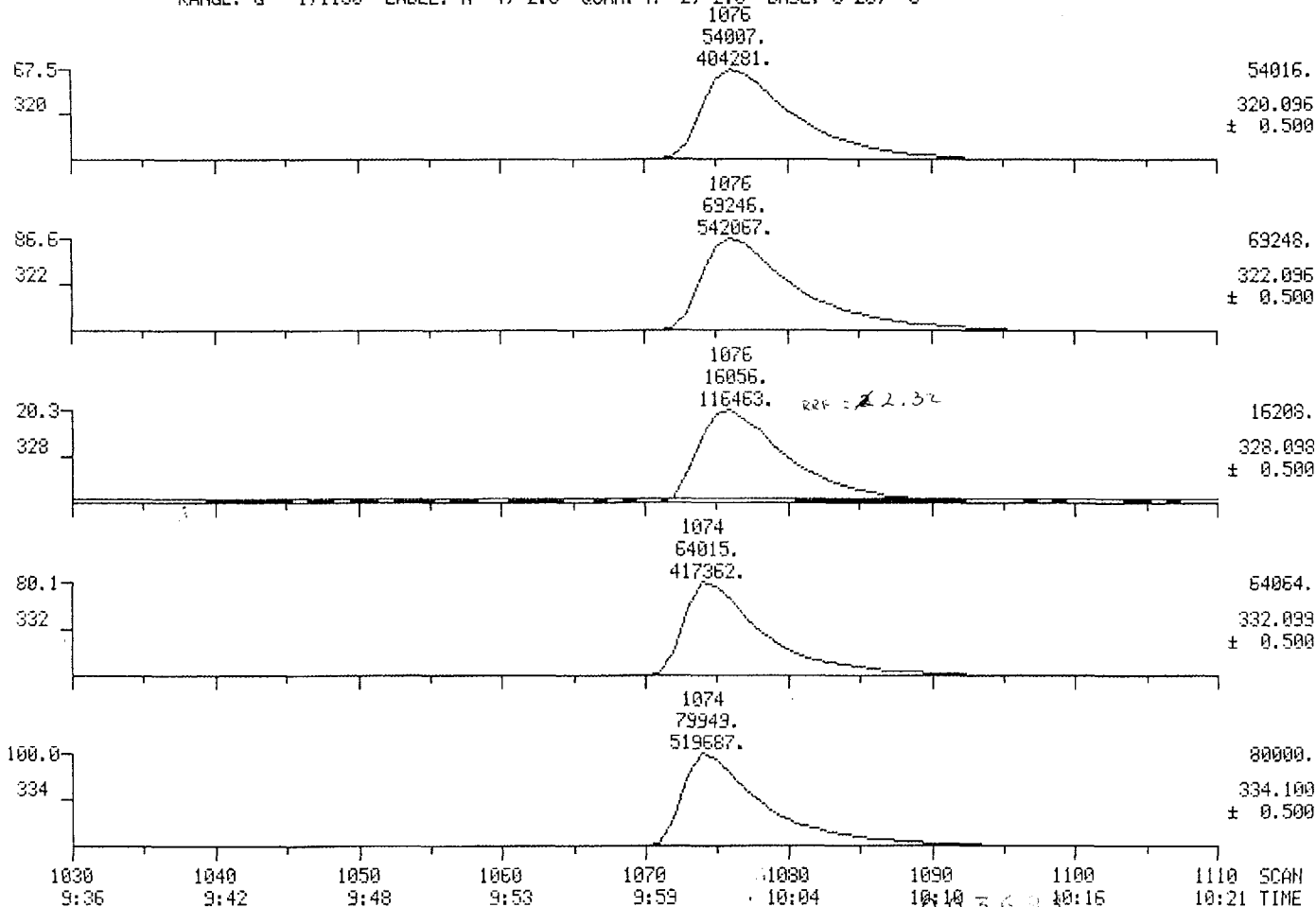
SCANS 1030 TO 1110

06/26/84 9:55:00

CALI: F5840626 #5

SAMPLE: 2UL OF 1.0NG/UL TCDD STD, CALI #2, SP-2330

RANGE: G 1.1150 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: ST5840626C #1

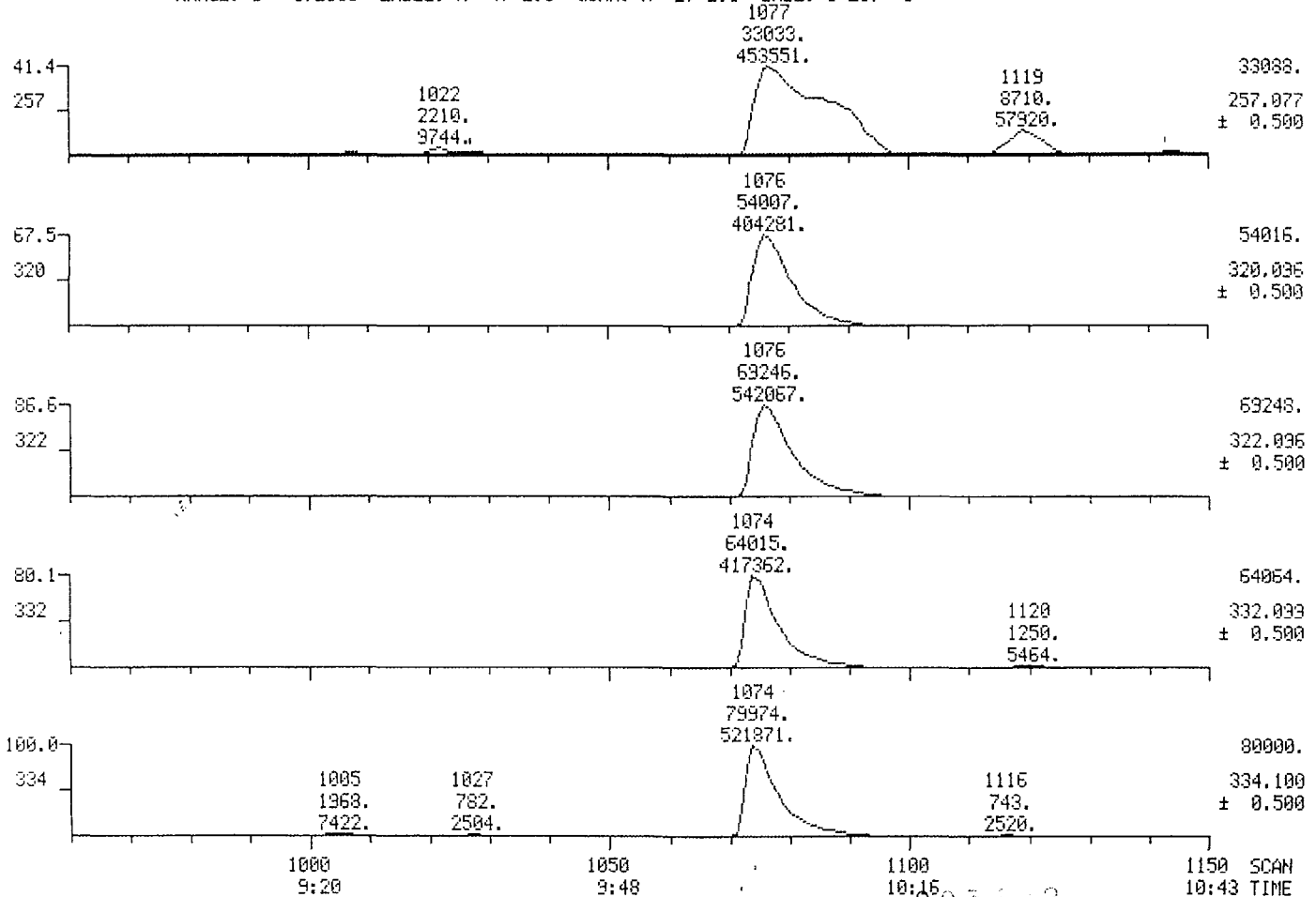
SCANS 960 TO 1150

06/26/84 9:55:00

CALI: F5840626 #5

SAMPLE: 2UL OF 1.0NG/UL TCDD STD, CALI #2, SP-2330

RANGE: G 1.2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/25/84 10:17:00

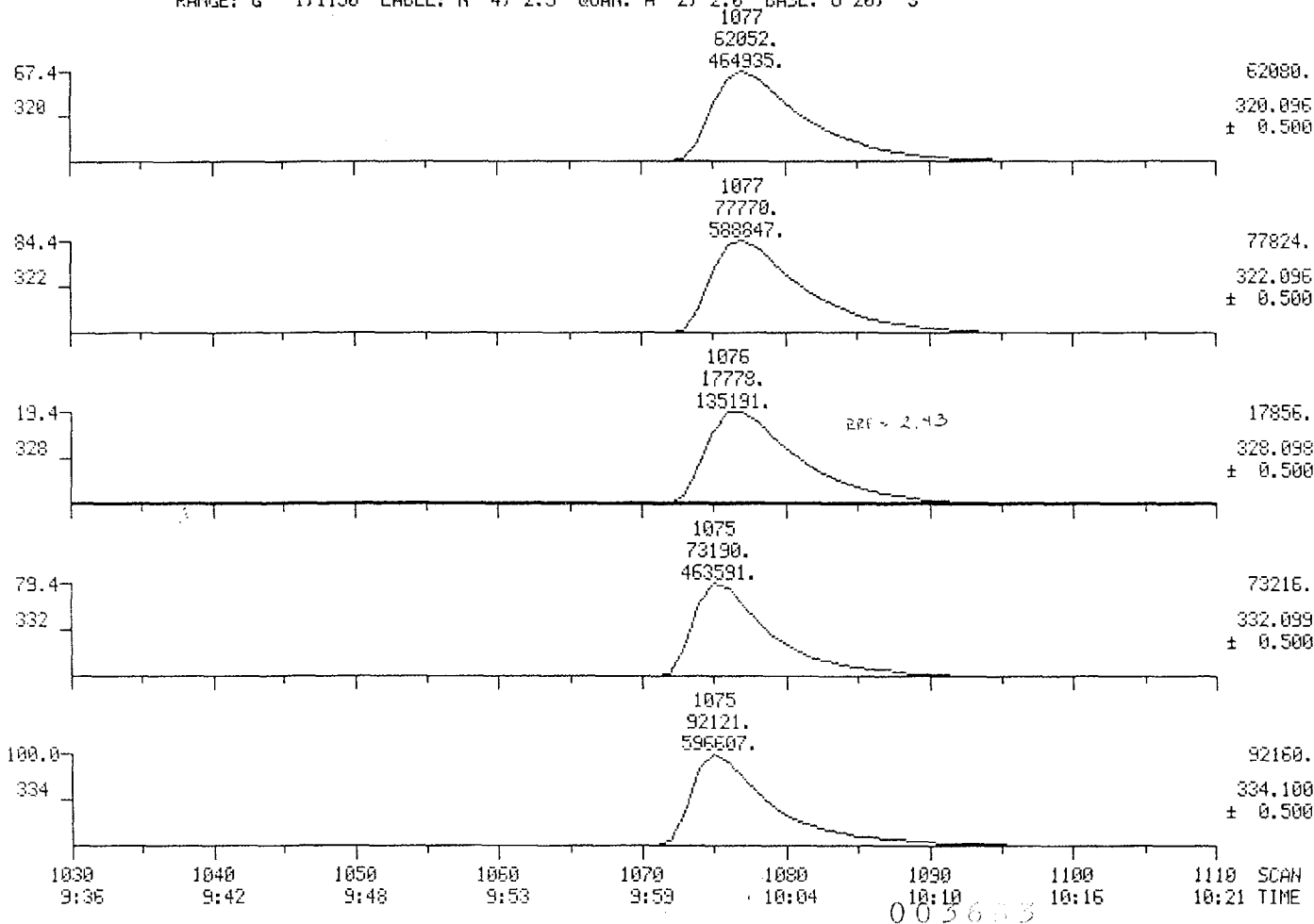
SAMPLE: 2UL OF 1.0NG/UL TCDD STD, CALI #2, SP-2330

RANGE: G 1.1150 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST58406260 #1150

CALI: FS840626 #5

SCANS 1030 TO 1110



003653

MID MASS CHROMATOGRAMS

DATA: ST5840626E #1

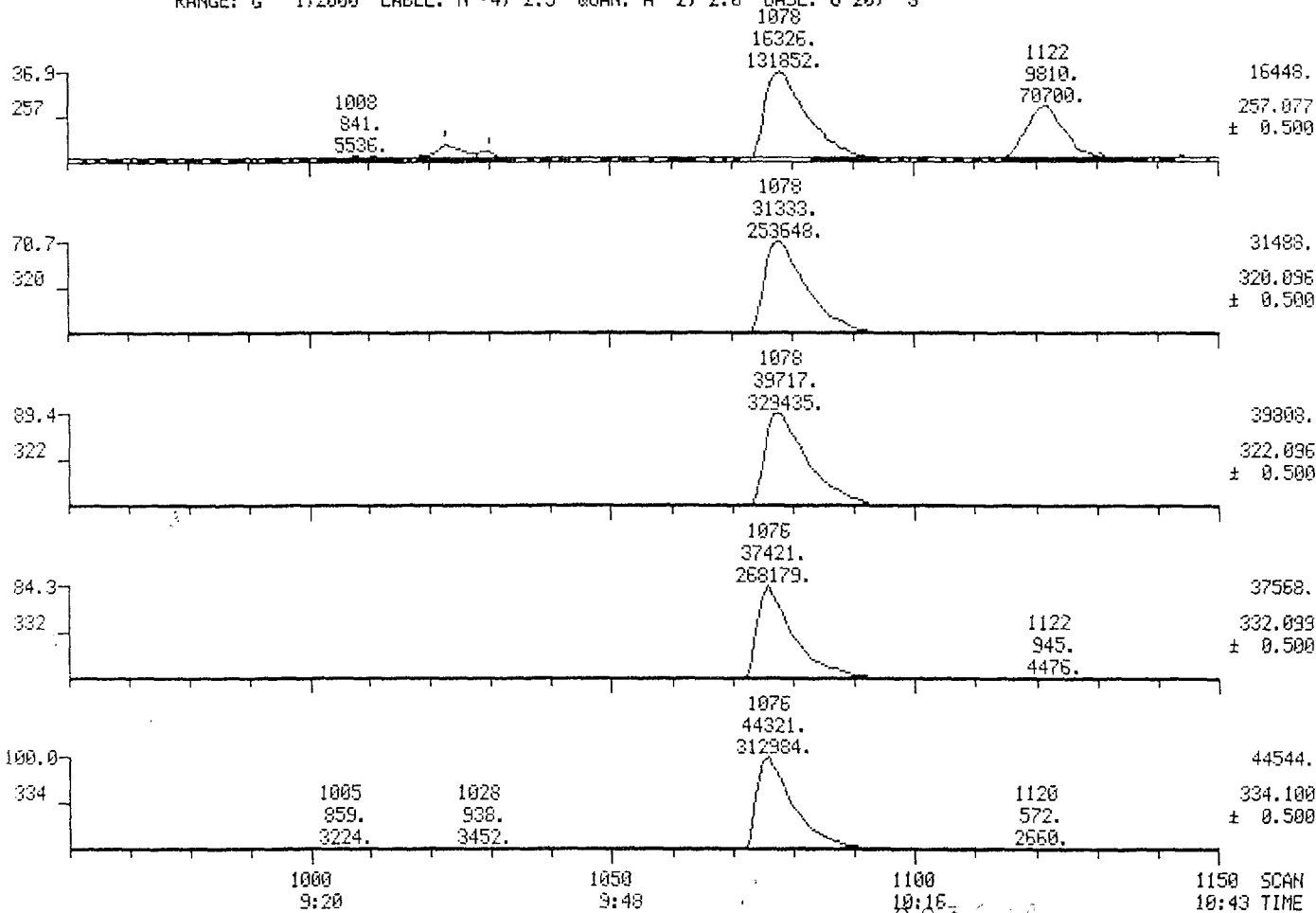
SCANS 950 TO 1150

06/26/84 10:37:00

CALI: F5840626 #5

SAMPLE: ZUL OF 1.0NG/UL TCDD STD, CALI #2

RANGE: G 1.2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



003604

MID MASS CHROMATOGRAMS

06/26/04 10:37:00

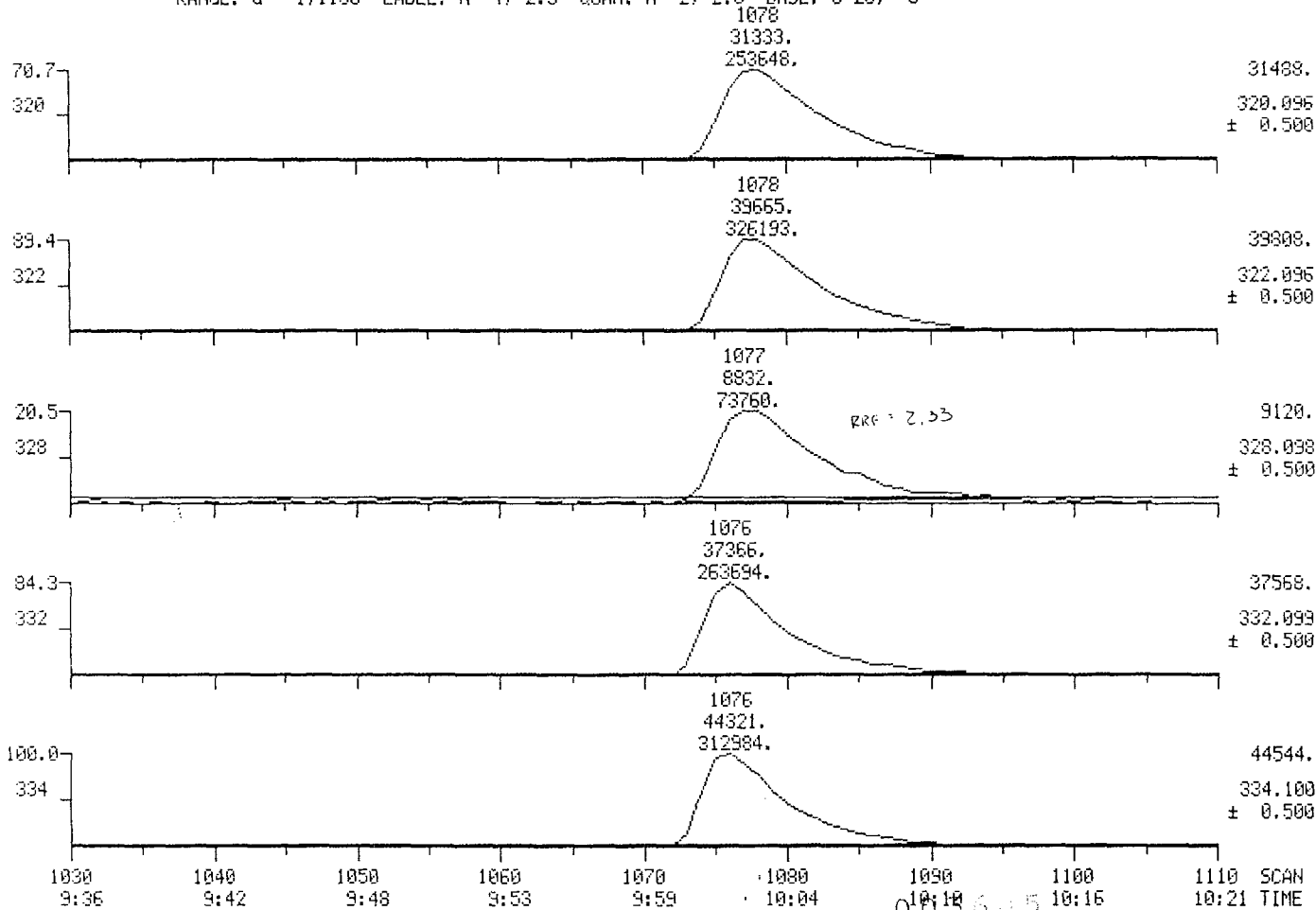
SAMPLE: 2UL OF 1.0NG/UL TCOD STD, CALI #2

RANGE: G 1,1150 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626E #1

CALI: F5940626 #5

SCANS 1030 TO 1110



MID MASS CHROMATOGRAMS

06/25/84 10:52:00

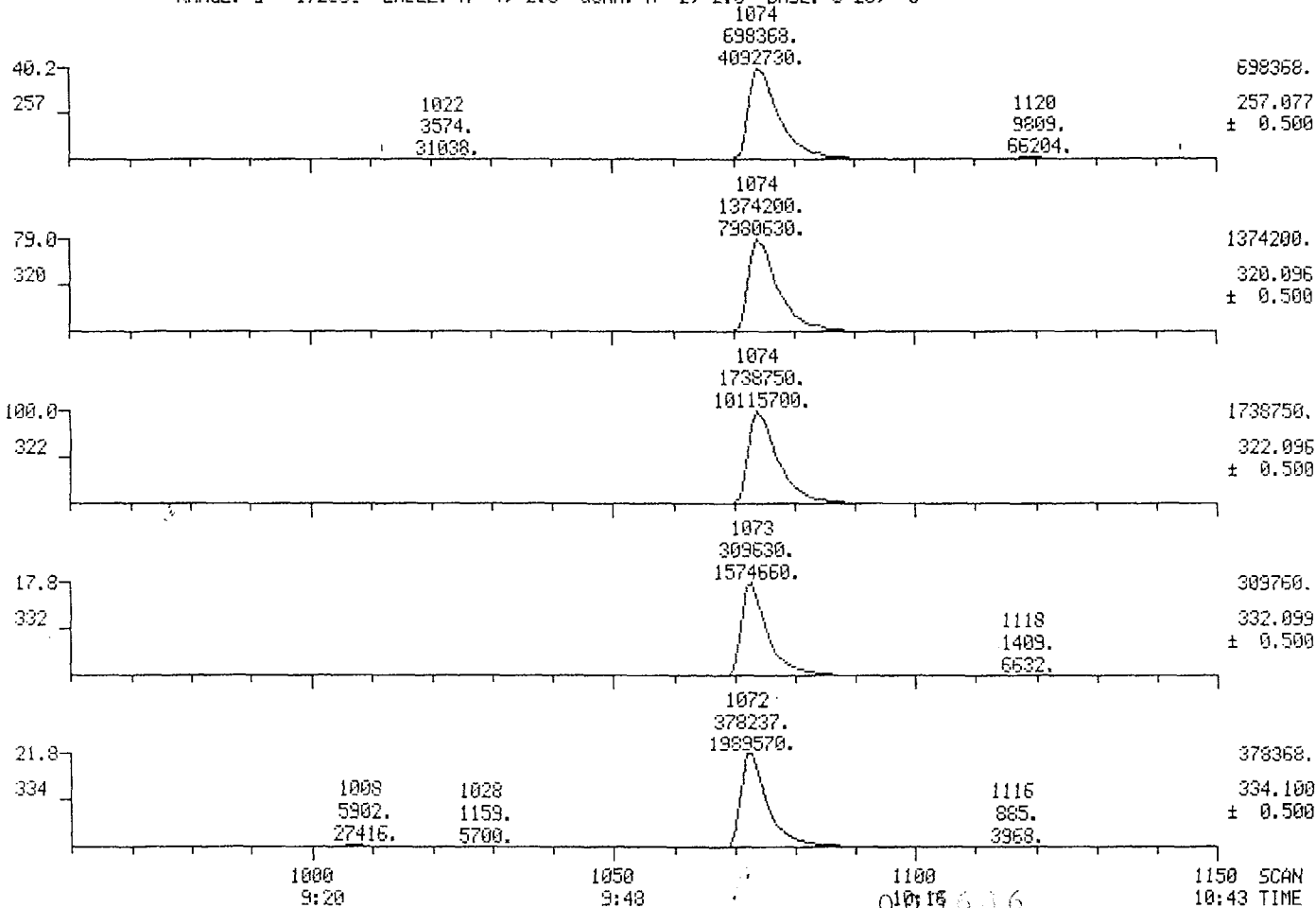
SAMPLE: 2UL OF 5.0NG/UL TCDD STD, CALI #3

RANGE: G 1.2000 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626F #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

DATA: ST5840625F #1

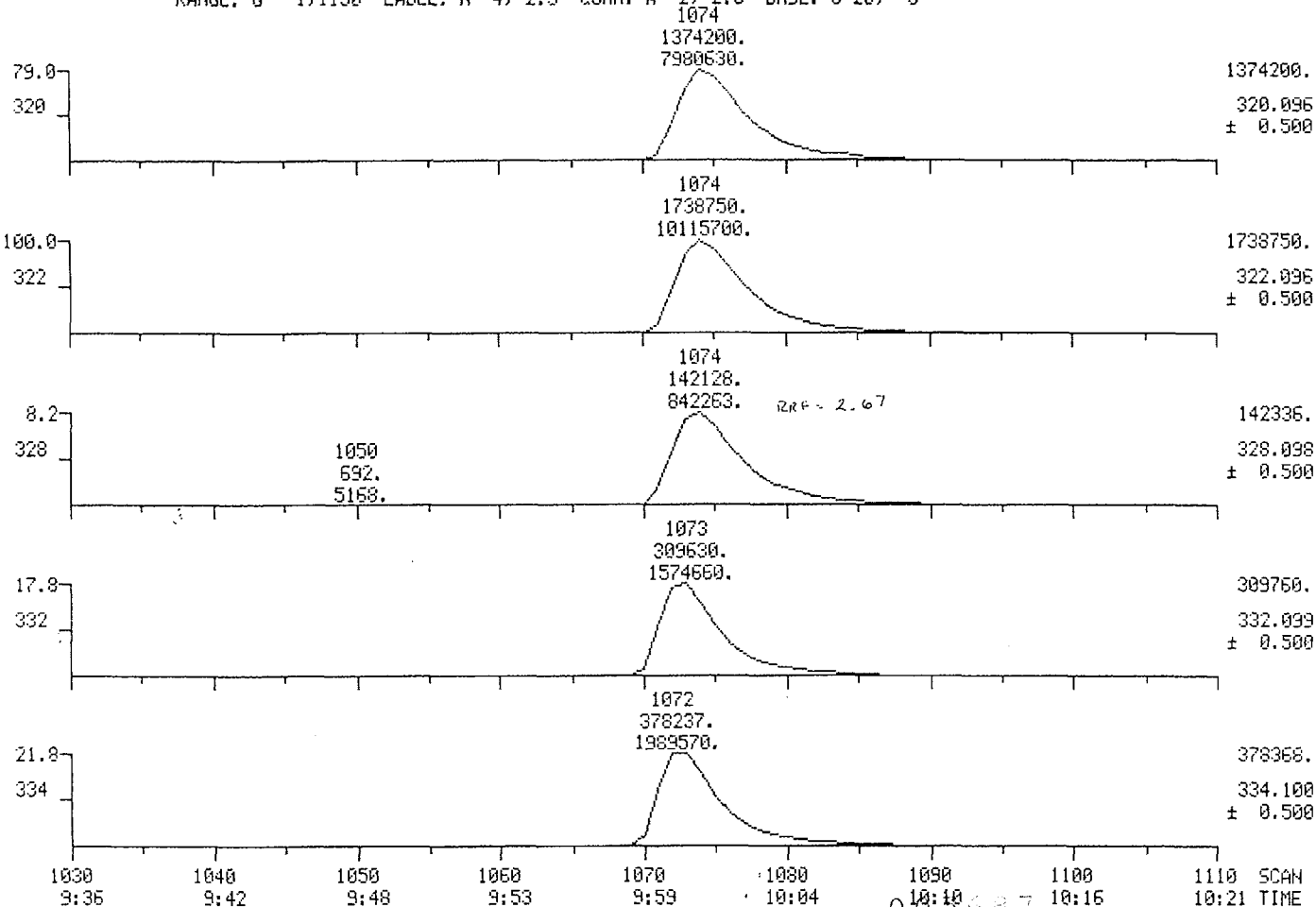
SCANS 1030 TO 1110

06/25/84 10:52:00

CALI: F5840625 #5

SAMPLE: 2UL OF 5.0NG/UL TCDD STD, CALI #3

RANGE: G 1,1150 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/26/84 11:10:00

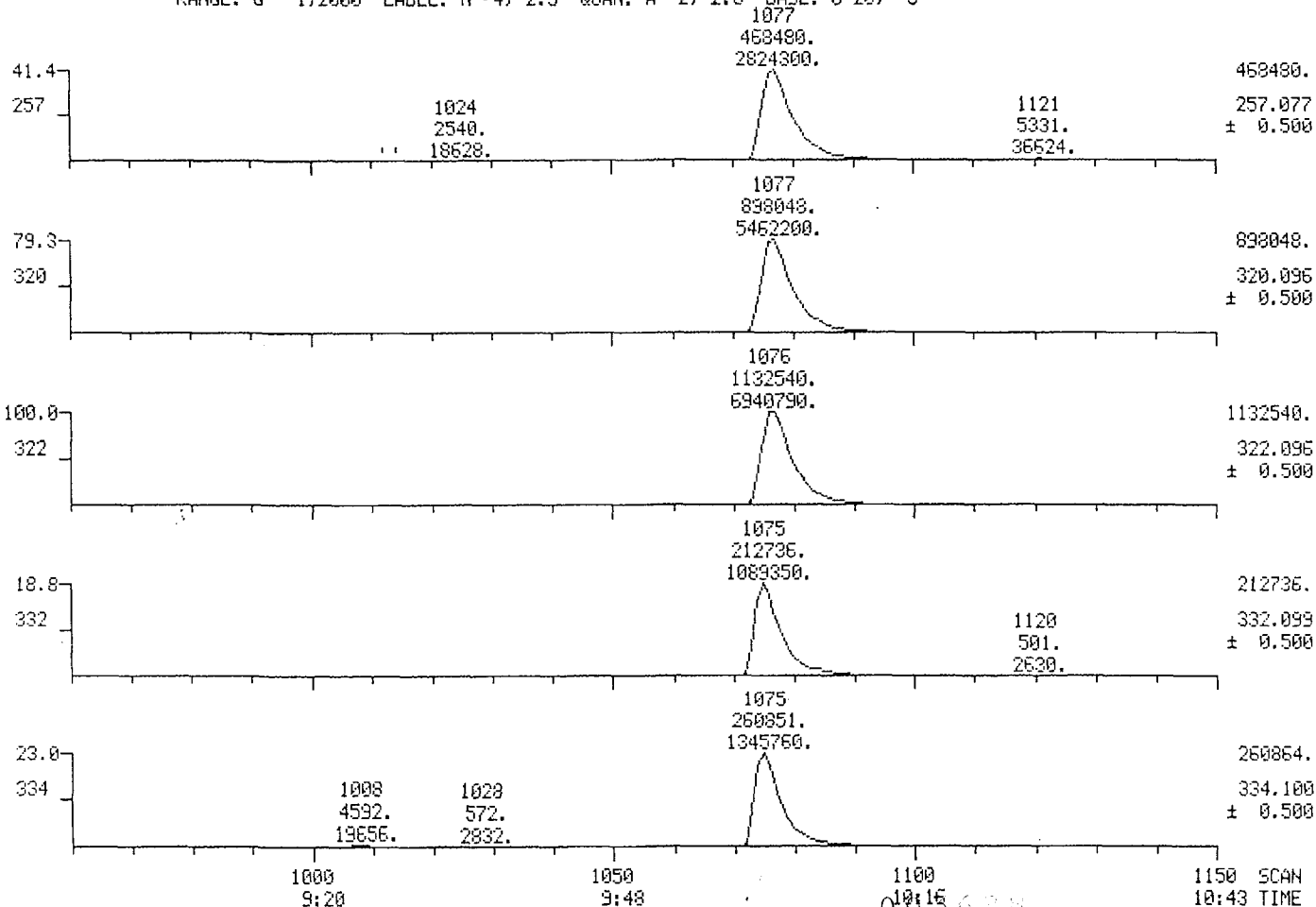
SAMPLE: 2UL OF 5.0NG/UL TCDD STD, CALI #3

RANGE: G 1,2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626G #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

05/25/24 11:10:00

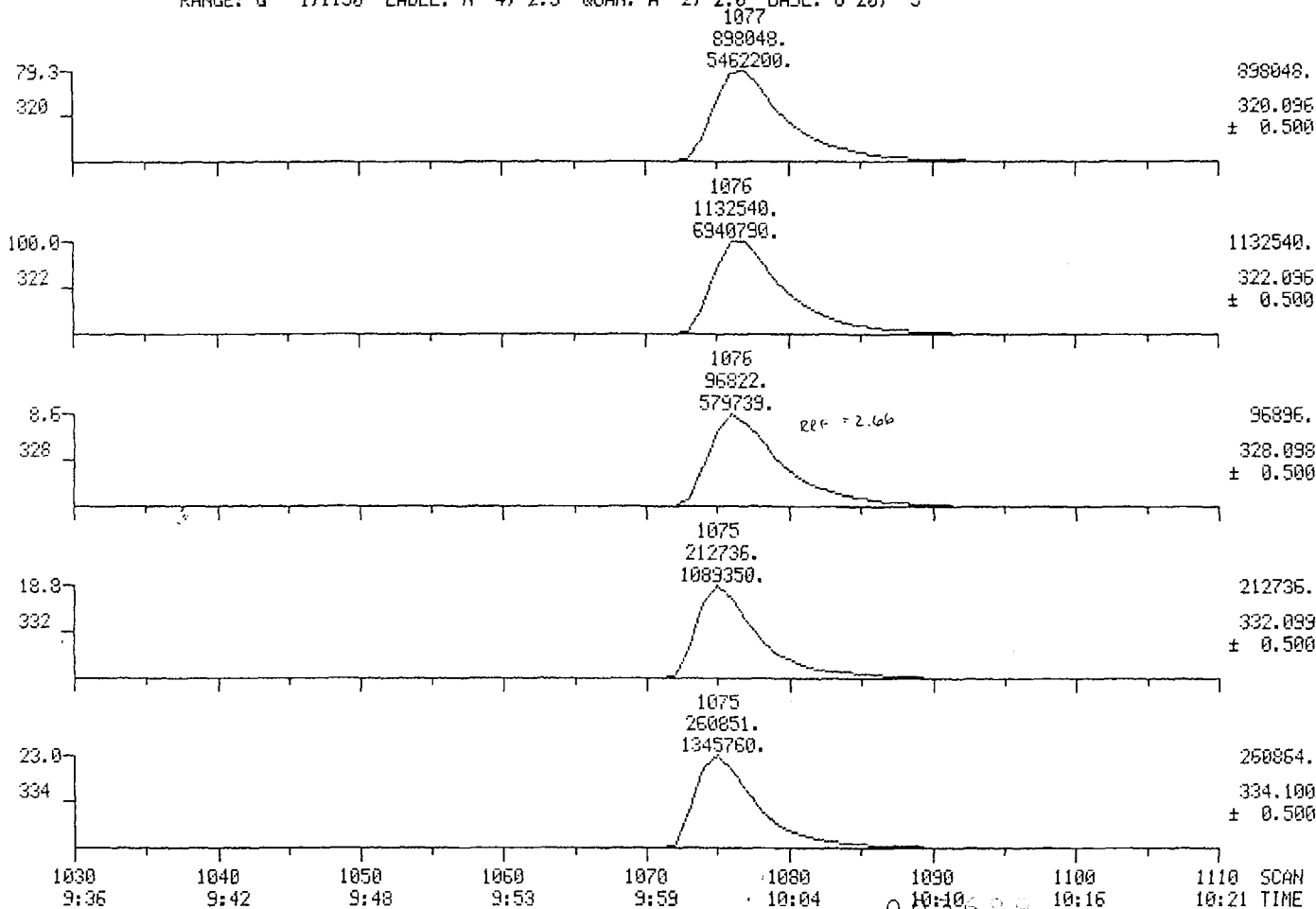
SAMPLE: 2UL OF 5.0MG/UL TCDD STD, CALI #3

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626G #1

CALI: F9840625 #5

SCANS 1030 TO 1110



MID MASS CHROMATOGRAMS

06/26/84 11:26:00

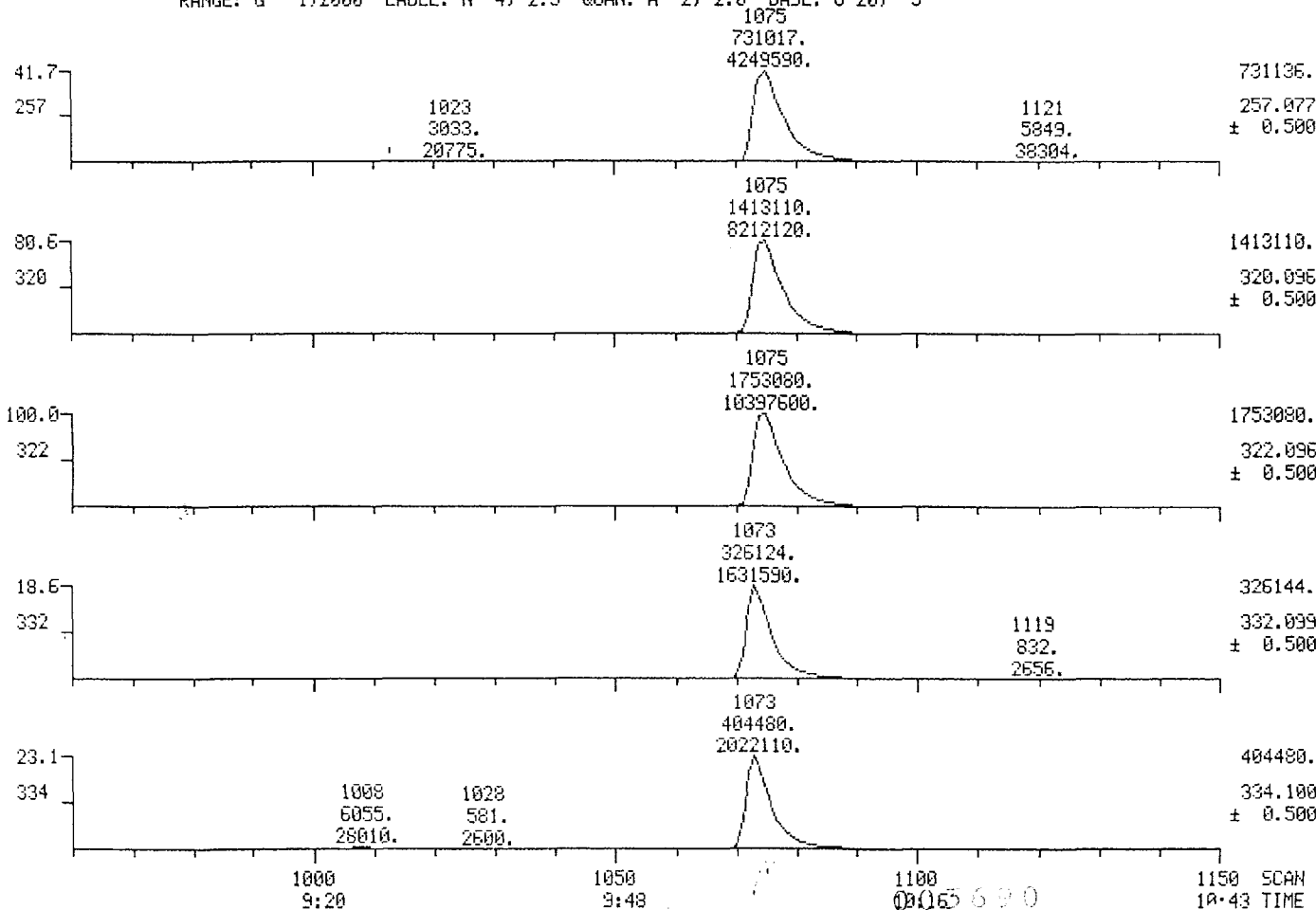
SAMPLE: 2UL OF 5.0NG/UL TCDD STD, CALI #3

RANGE: G 1.2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626H #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

DATA: ST5840626H #1

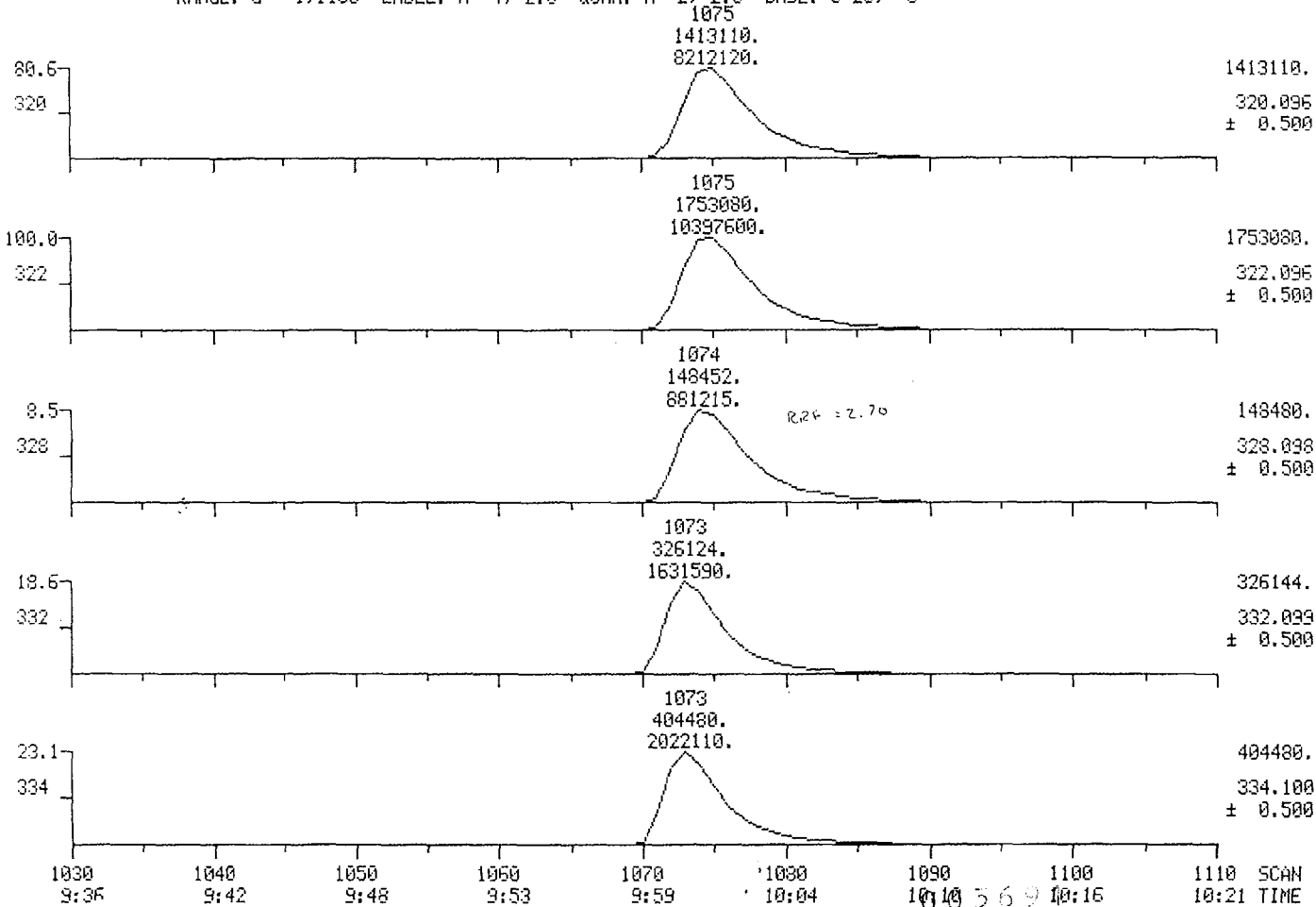
SCANS 1030 TO 1110

05/26/84 11:26:00

CALI: F5840626 #5

SAMPLE: 2UL OF 5.0NG/UL TCDD STD, CALI #3

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/26/94 12:03:00

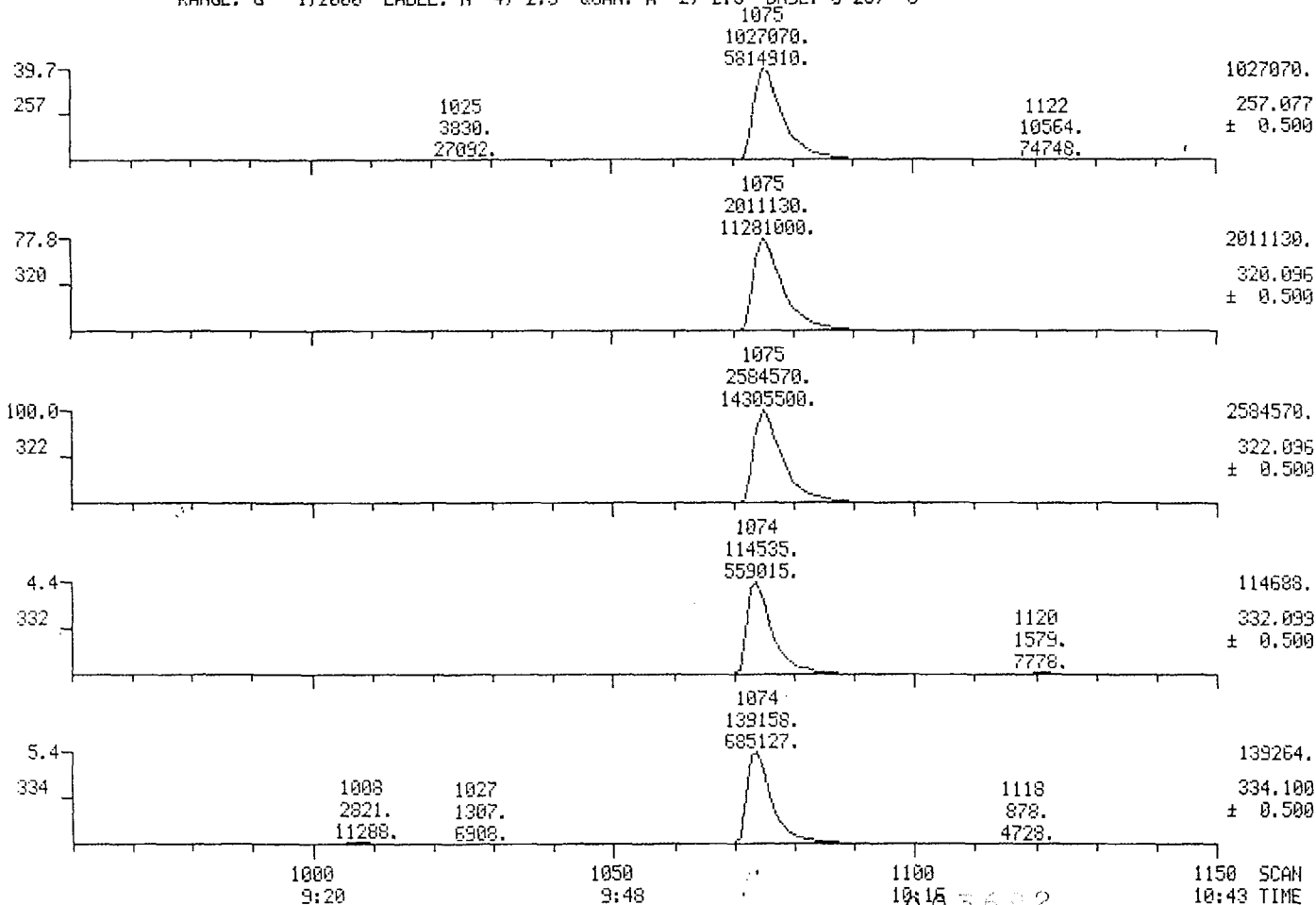
SAMPLE: 1UL OF 10NG/UL TCDD STD, CALI #4

RANGE: G 1,2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626J #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

06/26/84 12:03:00

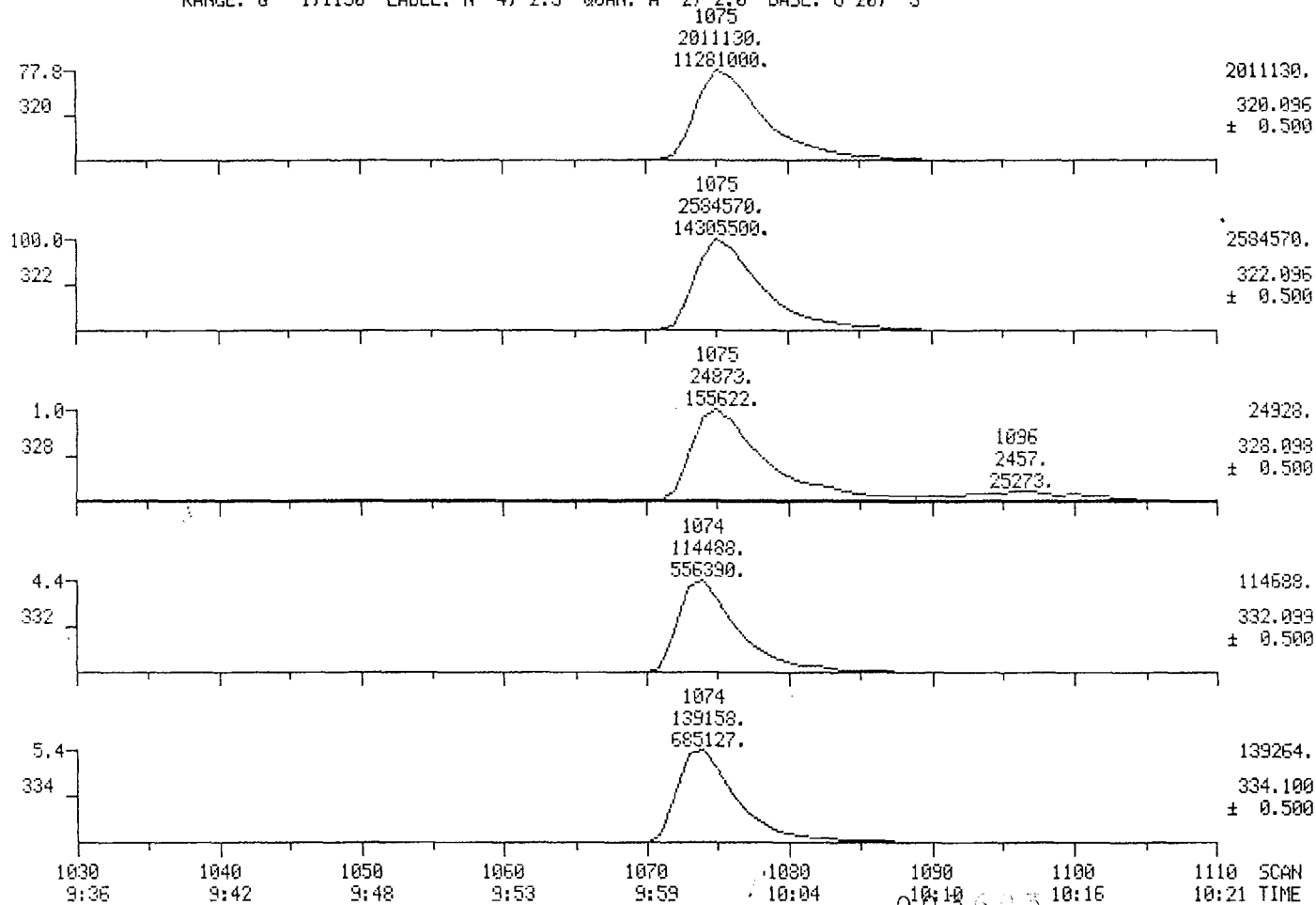
SAMPLE: 1UL OF 10NG/UL TCDD STD, CALI #4

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626J #1

CALI: F5840625 #5

SCANS 1030 TO 1110



MID MASS CHROMATOGRAMS

DATA: ST5840626I #1

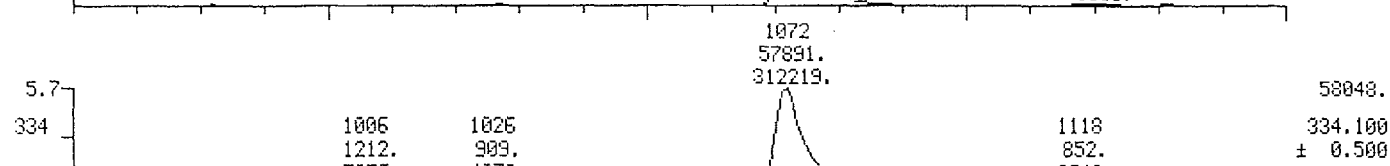
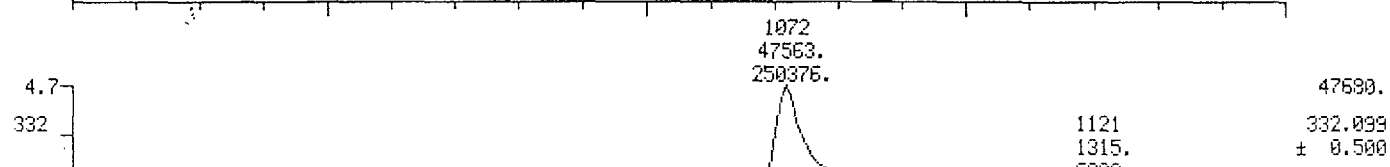
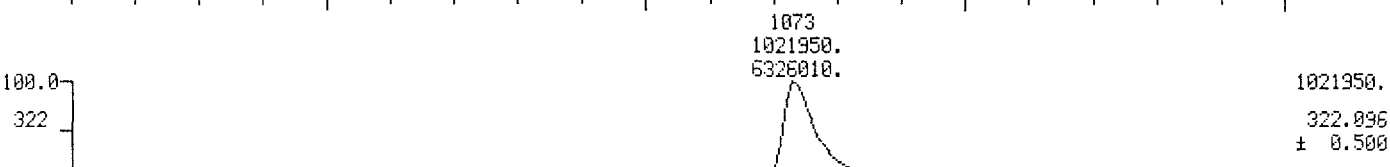
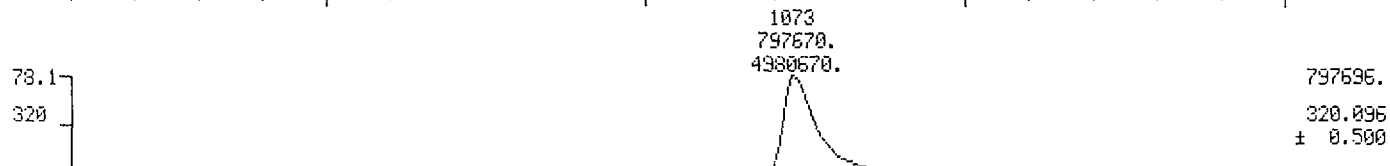
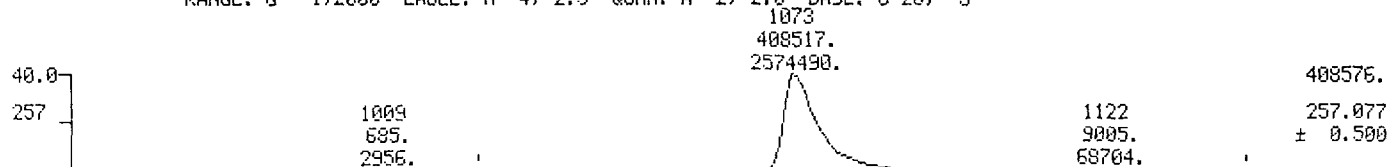
SCANS 960 TO 1150

05/26/84 12:18:00

CALI: F5840626 #5

SAMPLE: 1UL OF 10NG/UL TCDD STD, CALI #4

RANGE: G 1.2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



1000
9:20

1050
9:48

1100
10:16

1150 SCAN
10:43 TIME

003614

MID MASS CHROMATOGRAMS

DATA: ST58406261 #1

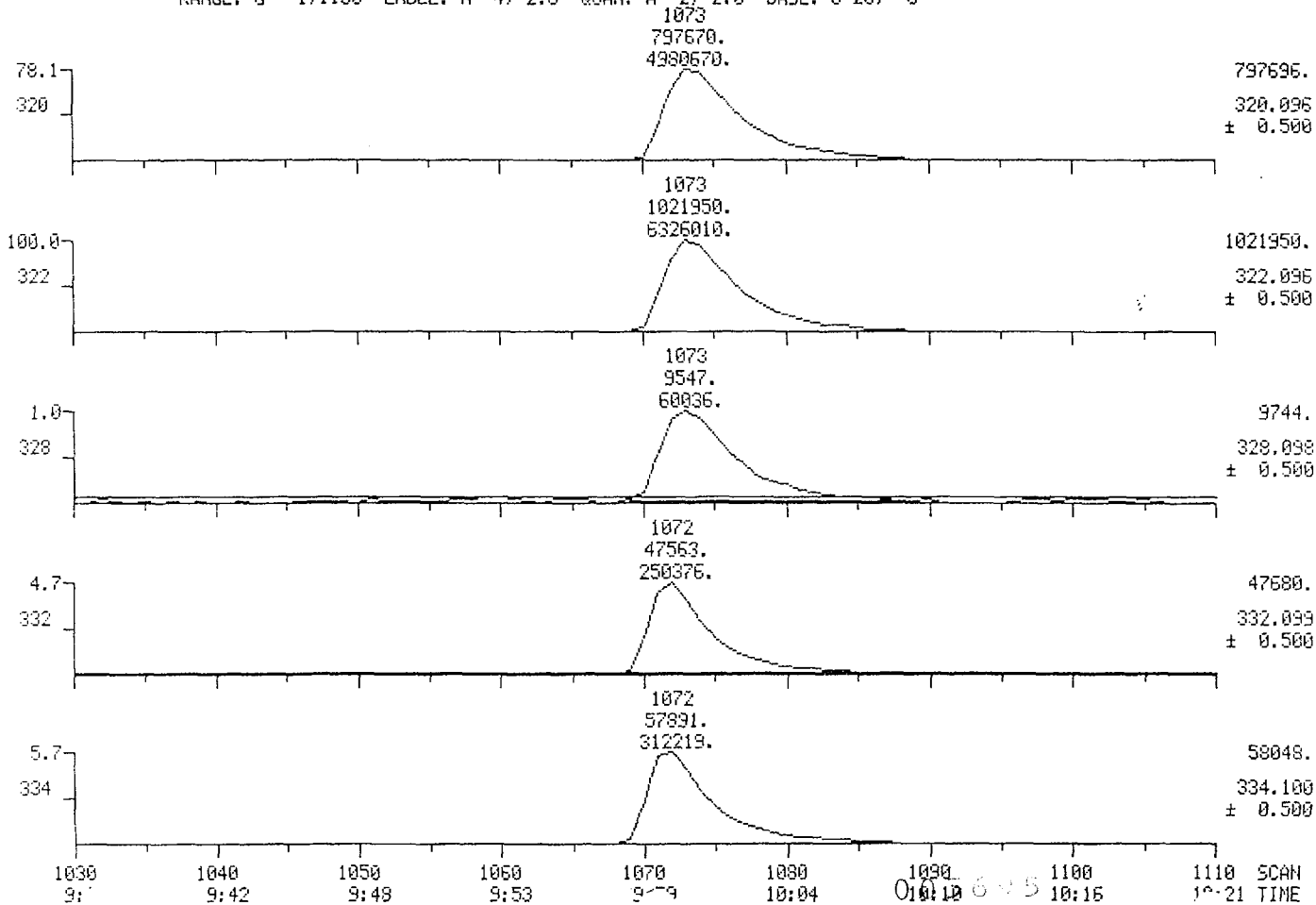
SCANS 1030 TO 1110

05/26/84 12:18:00

CALI: F5840626 #5

SAMPLE: 1UL OF 10NG/UL TCDD STD, CALI #4

RANGE: G 1.1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: S75840626K #1

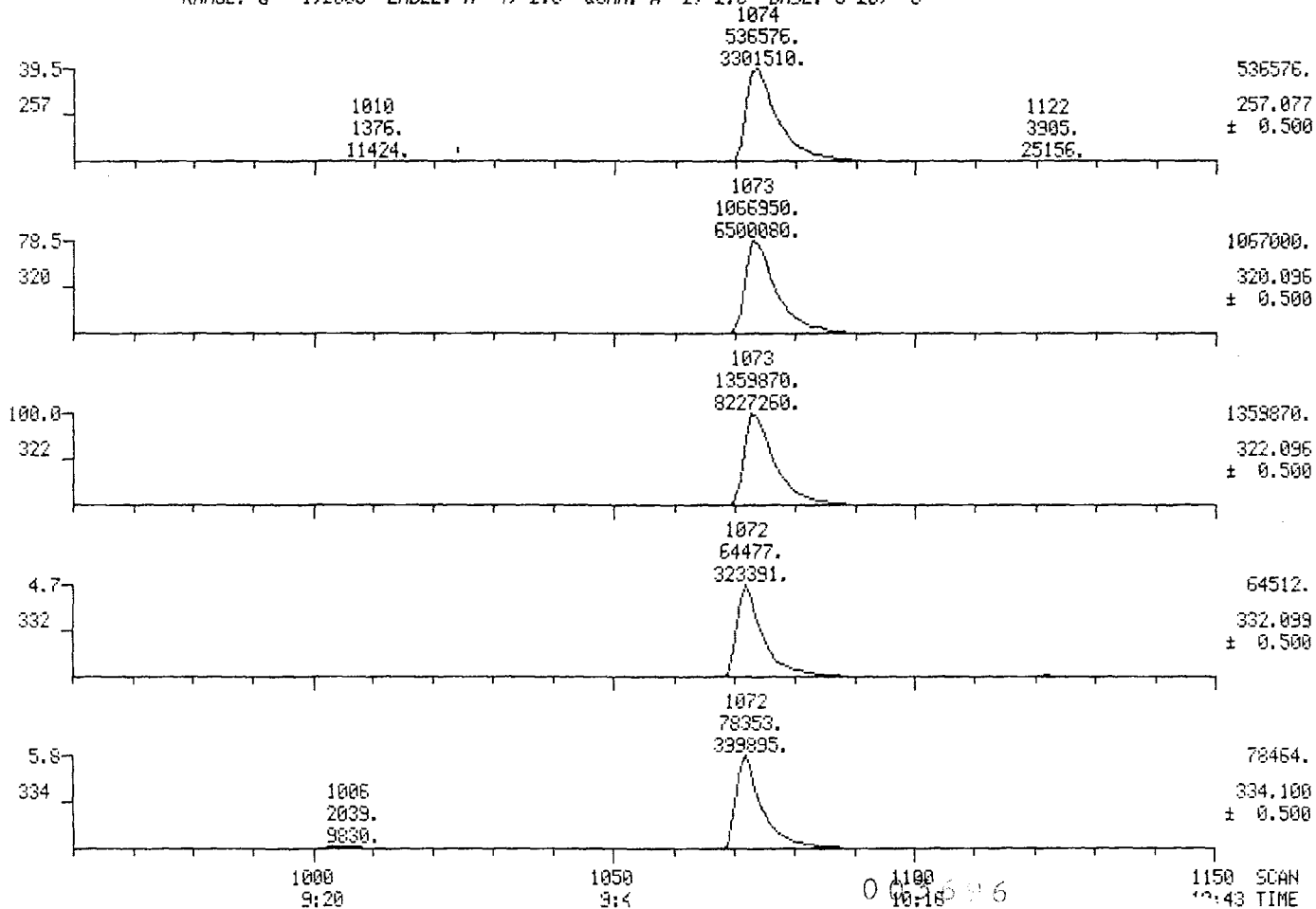
SCANS 960 TO 1150

06/25/84 13:38:00

CALI: F5840626 #5

SAMPLE: 1UL OF 20NG/UL TCDD STD, CALI #4

RANGE: G 1.2000 LABEL: N-4, 2.5 QUAN: A 2. 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

05/25/84 13:38:00

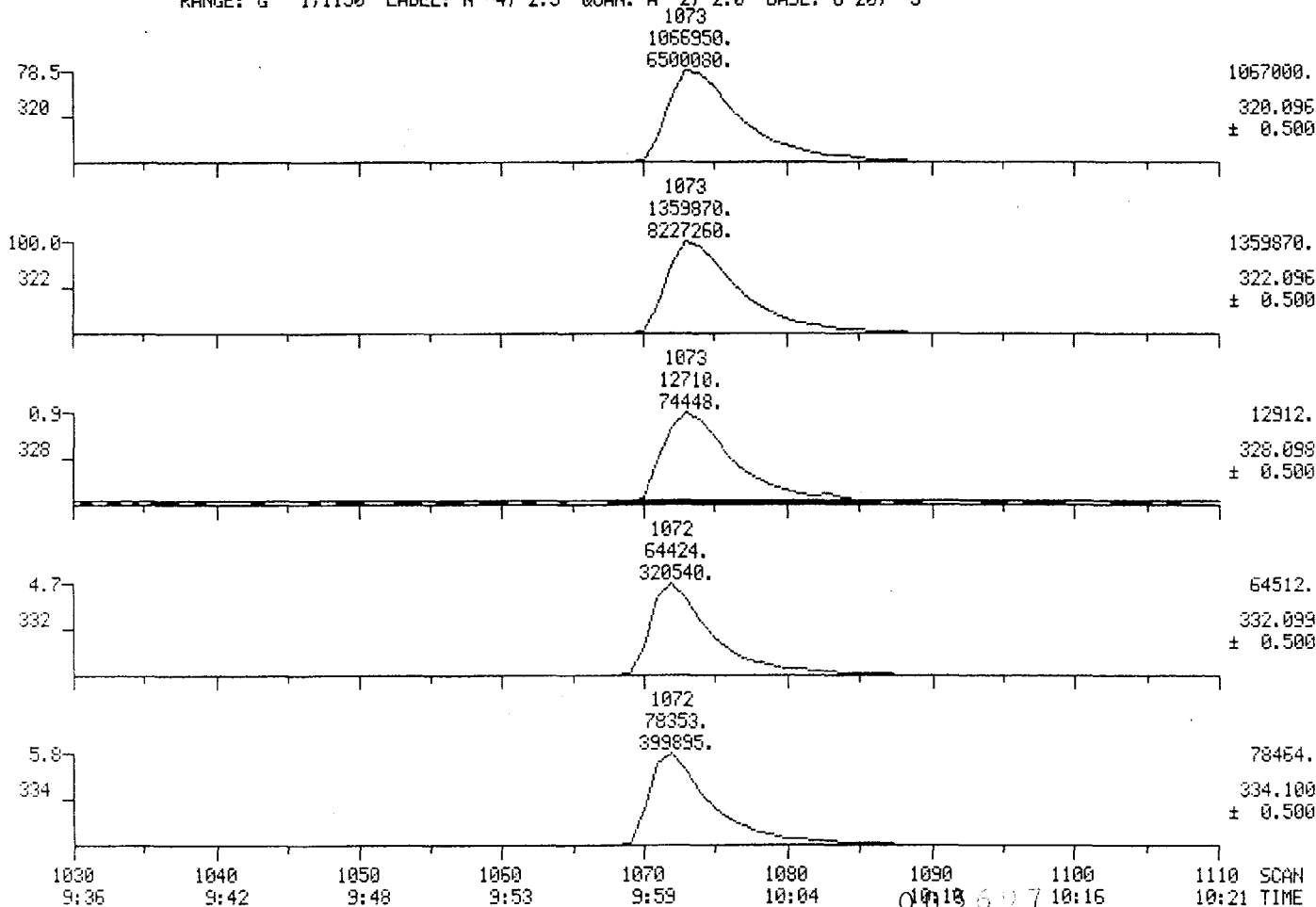
SAMPLE: 1UL OF 20NG/UL TCDD STD, CALI #4

RANGE: G 1,1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626K #1

CALI: F5840626 #5

SCANS 1030 TO 1110



MID MASS CHROMATOGRAMS

05/26/84 13:57:00

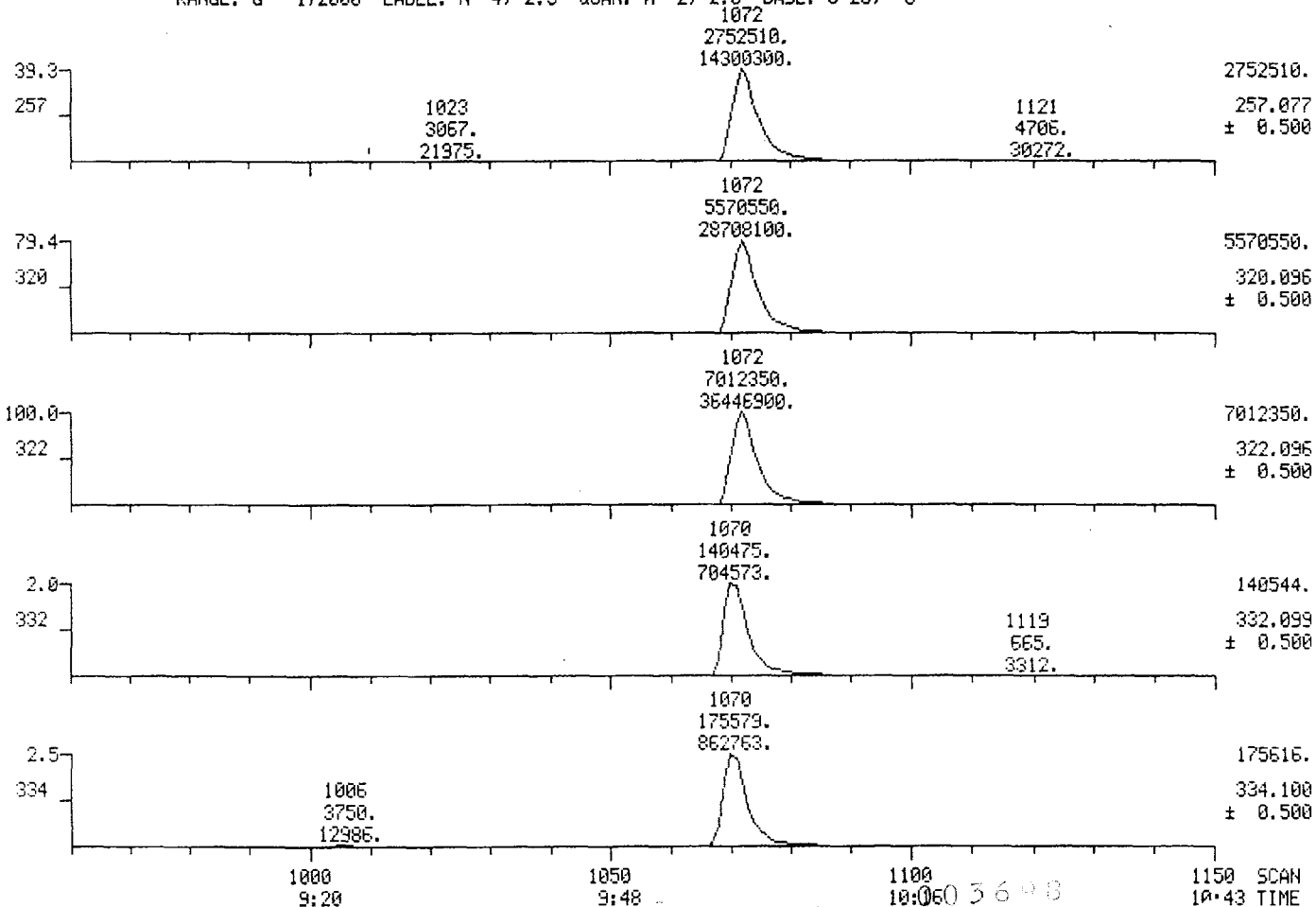
SAMPLE: 1UL OF 40NG/UL TCDD STD, CALI #5

RANGE: G 1,2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626L #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

DATA: ST5840626L #1

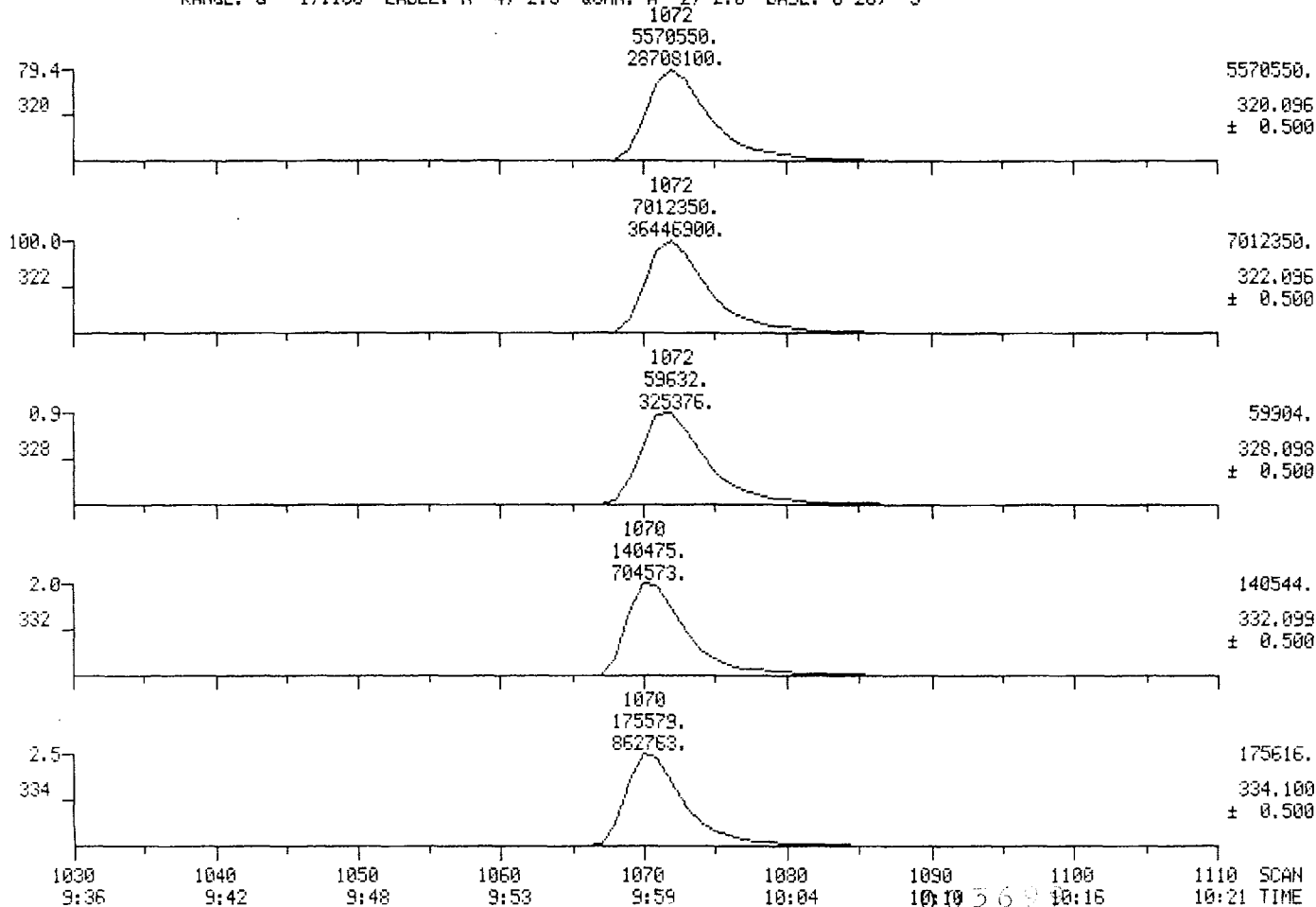
SCANS 1030 TO 1110

06/26/84 13:57:00

CALI: F5840626 #5

SAMPLE: 1UL OF 40NG/UL TCDD STD, CALI #5

RANGE: G 1,1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: ST5840626M #1

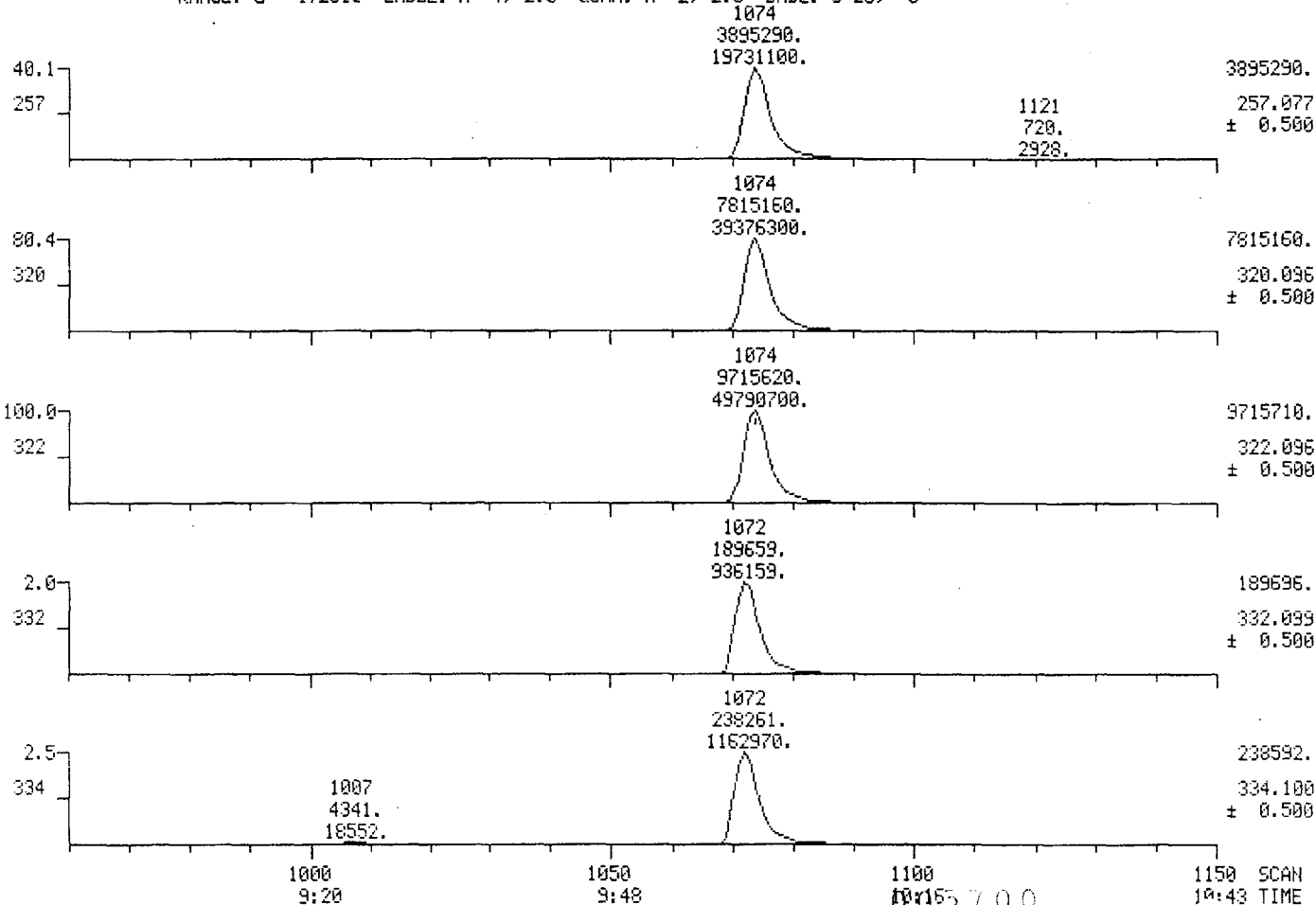
SCANS 950 TO 1150

06/26/84 14:13:00

CALI: F5840626 #5

SAMPLE: 1UL OF 40NG/UL TCDD STD, CALI #5

RANGE: G 1.2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: ST5840626M #1

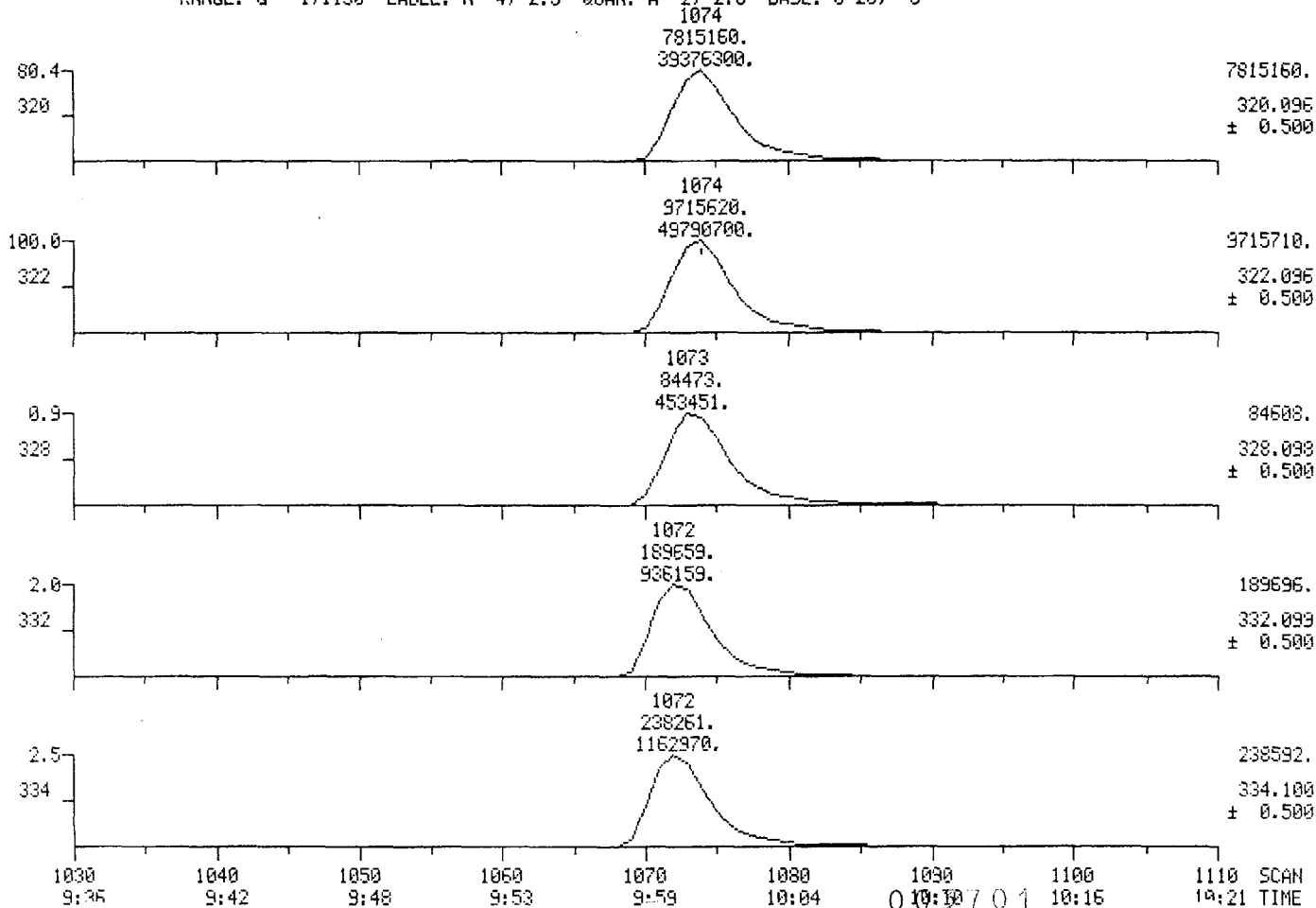
SCANS 1030 TO 1110

06/26/84 14:13:00

CALI: F5840626 #5

SAMPLE: 1UL OF 40NG/UL TCDD STD, CALI #5

RANGE: G 1,1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/26/84 14:30:00

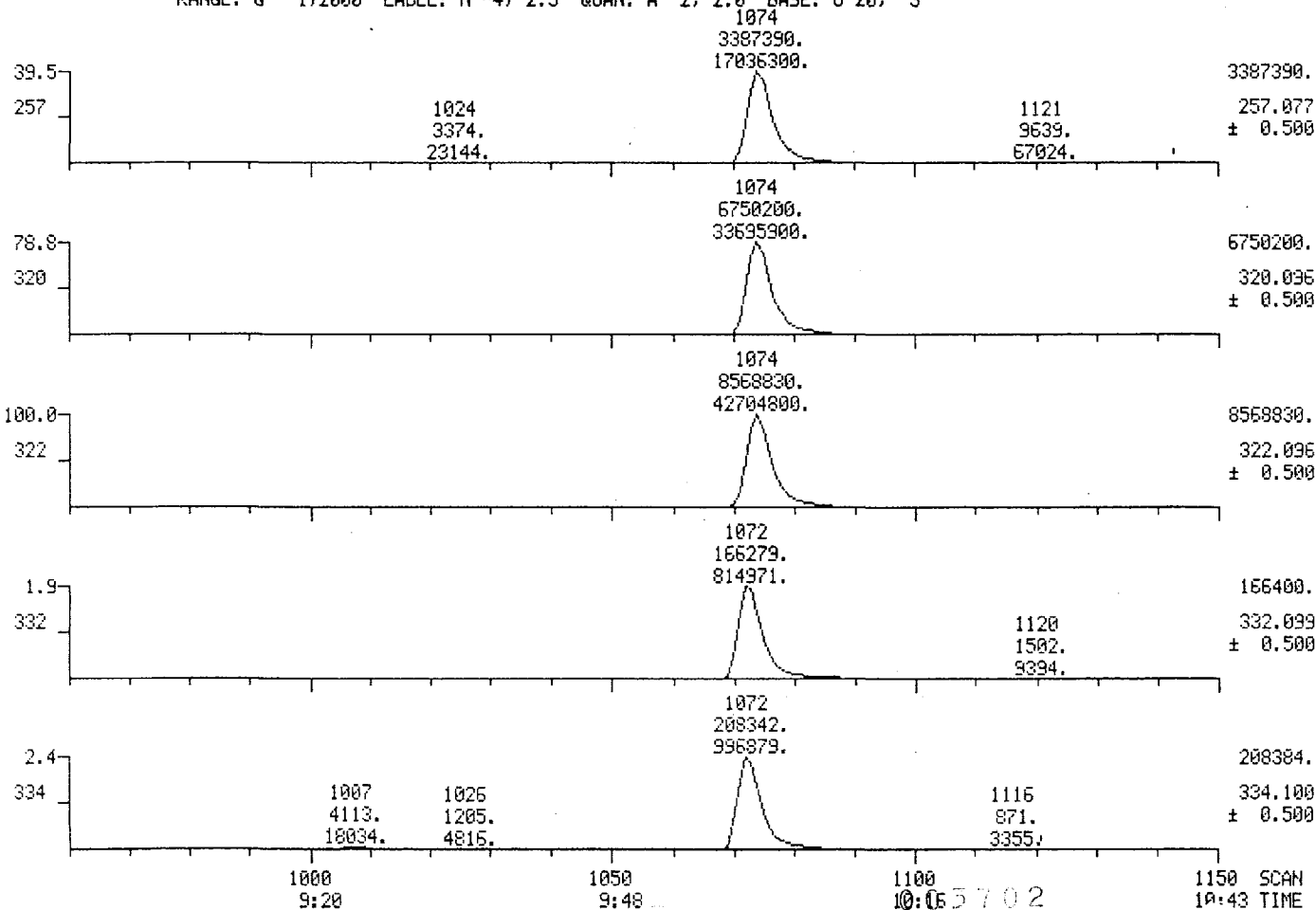
SAMPLE: 1UL OF 40NG/UL TCDD STD, CALI #5

RANGE: G 1,2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: ST5840626N #1

CALI: F5840626 #5

SCANS 960 TO 1150



MID MASS CHROMATOGRAMS

DATA: ST5840626N #1

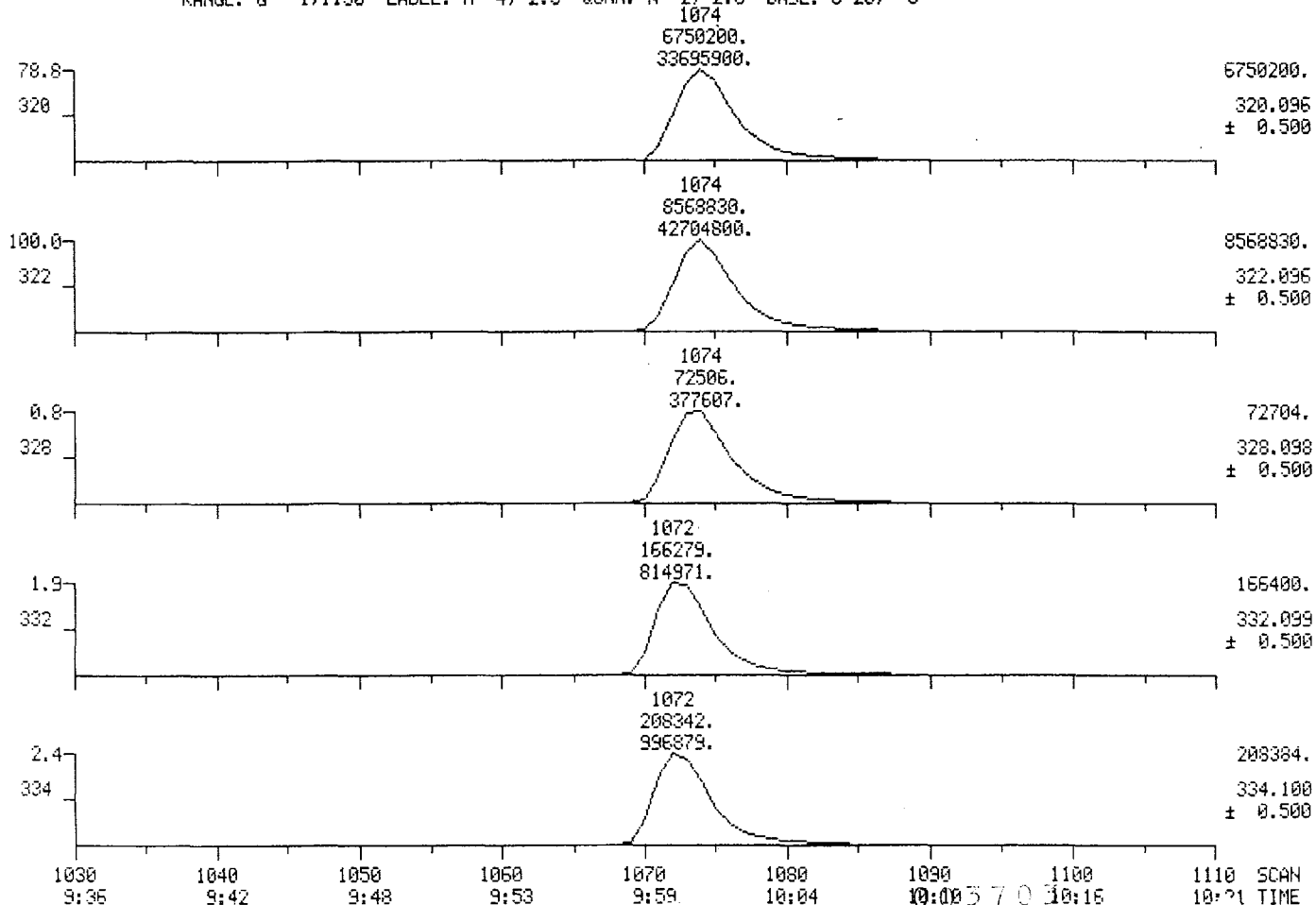
SCANS 1030 TO 1110

06/26/84 14:30:00

CALI: F584062E #5

SAMPLE: 1UL OF 40NG/UL TCDD STD, CALI #5

RANGE: G 1,1150 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/26/84 14:48:00

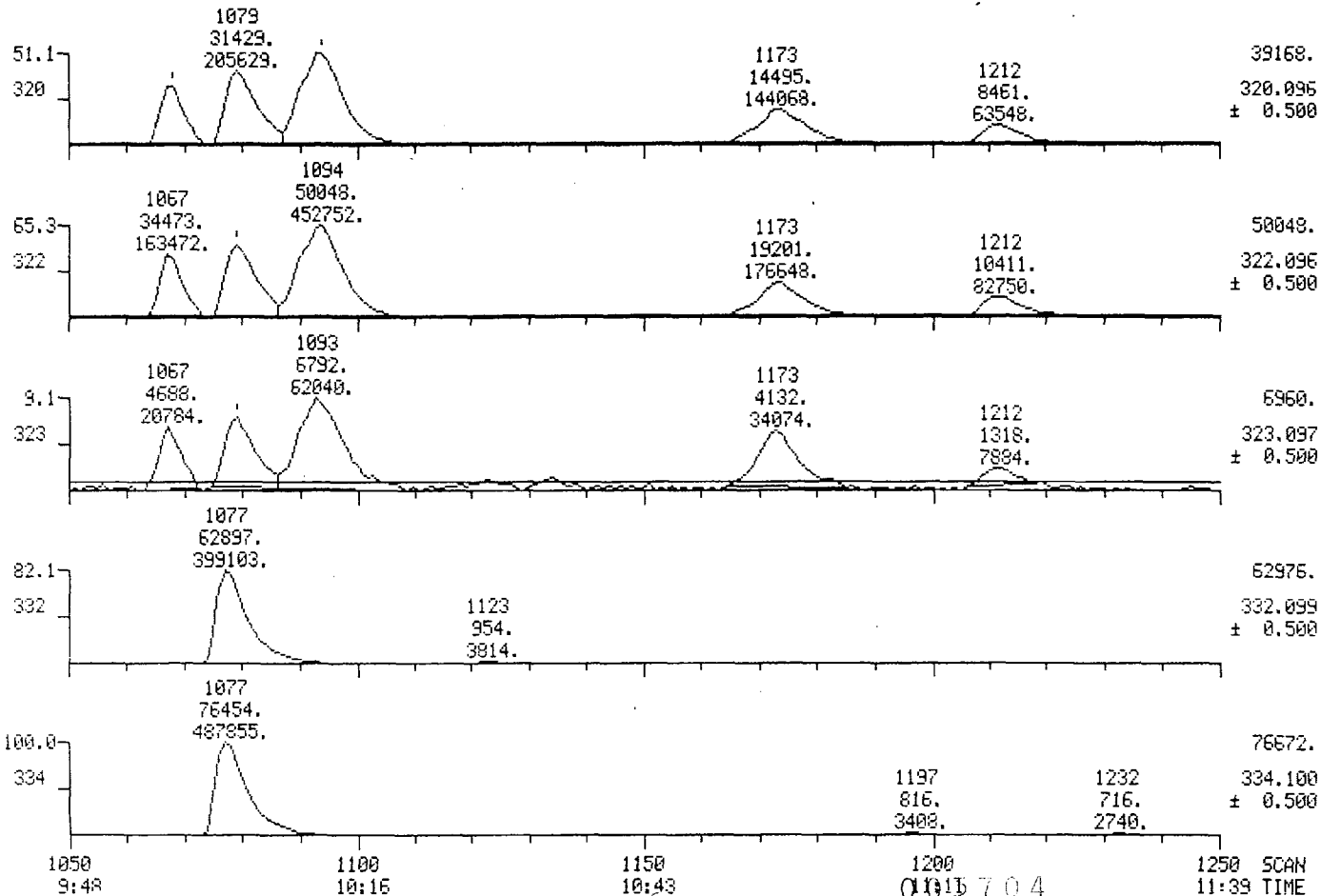
SAMPLE: 2UL OF CPSM

RANGE: G 1,2000 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: DH5840626A #1

CALI: F5840626 #5

SCANS 1050 TO 1250



001704

1250 SCAN
11:39 TIME

MID MASS CHROMATOGRAMS

06/26/84 14:48:00

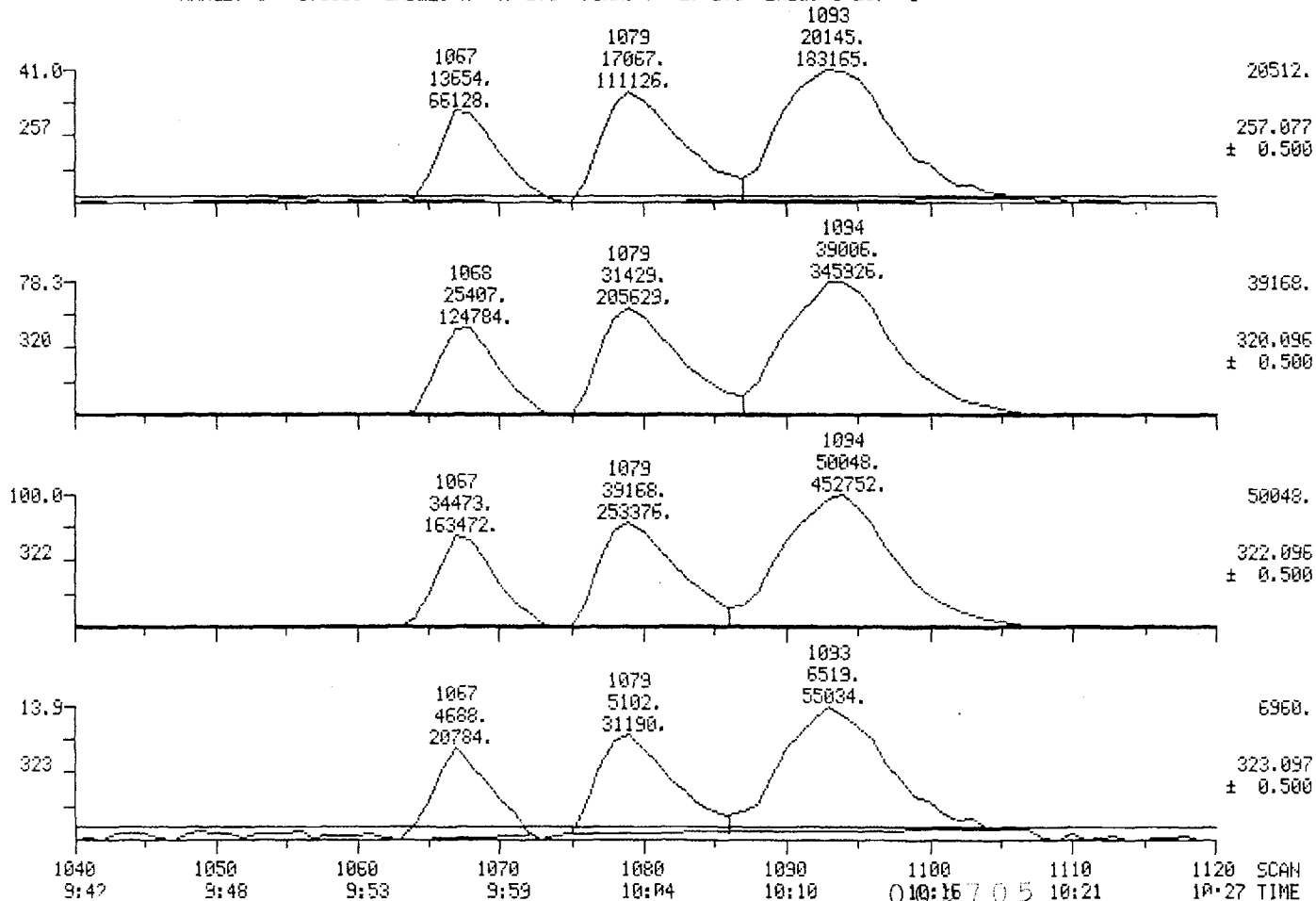
SAMPLE: ZUL OF CPSM

RANGE: G 1,1300 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: DH5840626A #1

CALI: F5840626 #5

SCANS 1040 TO 1120



MID MASS CHROMATOGRAMS

06/26/84 14:48:00

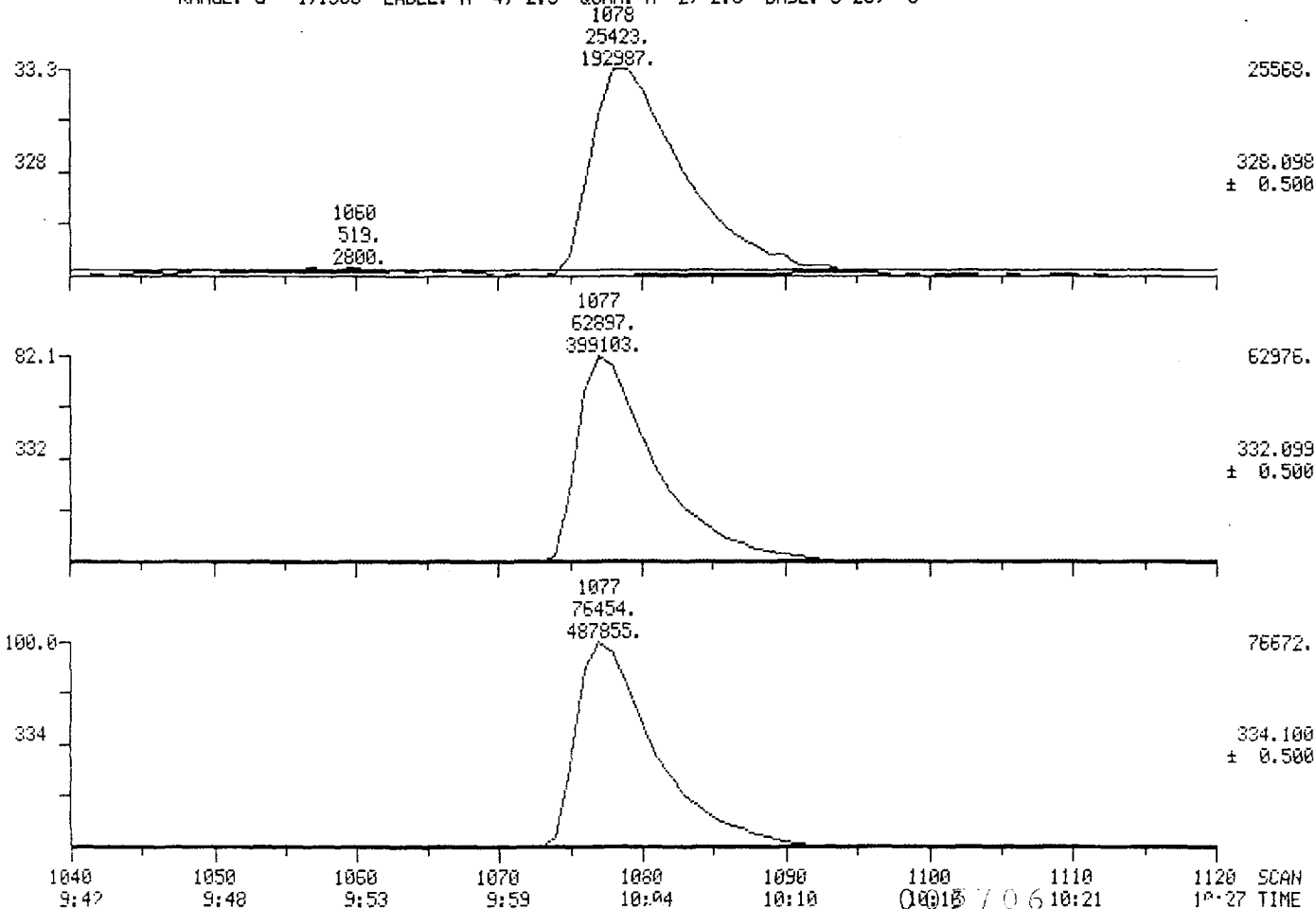
SAMPLE: ZUL OF CPSM

RANGE: G 1,1300 LABEL: N-4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: DH5840626A #1

CALI: F5840626 #5

SCANS 1040 TO 1120



MID MASS CHROMATOGRAMS

DATA: DH5840626A #1

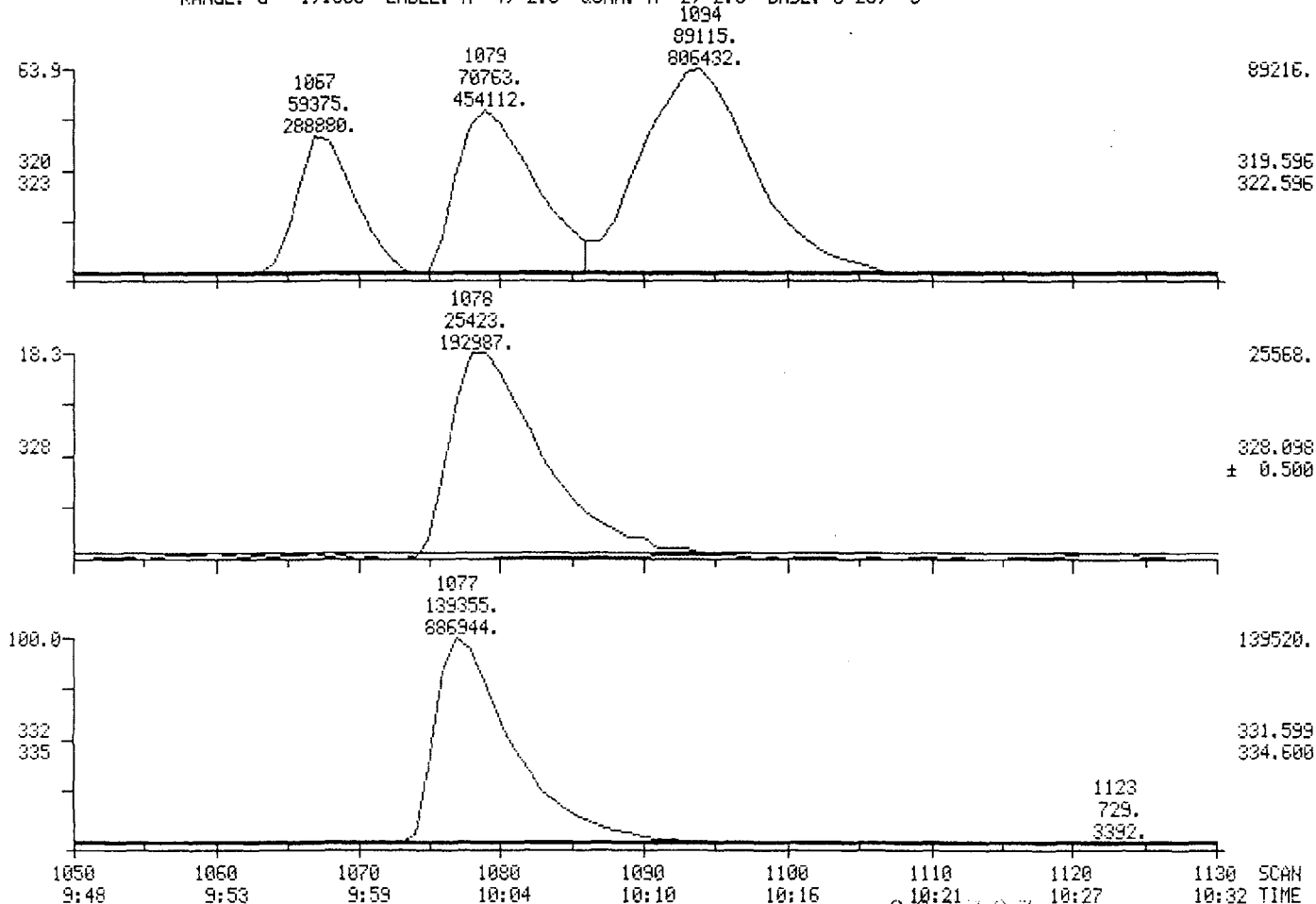
SCANS 1050 TO 1130

06/26/84 14:48:00

CALI: F5840626 #5

SAMPLE: 2UL OF CPSM

RANGE: G 1.1300 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

06/26/84 14:48:00

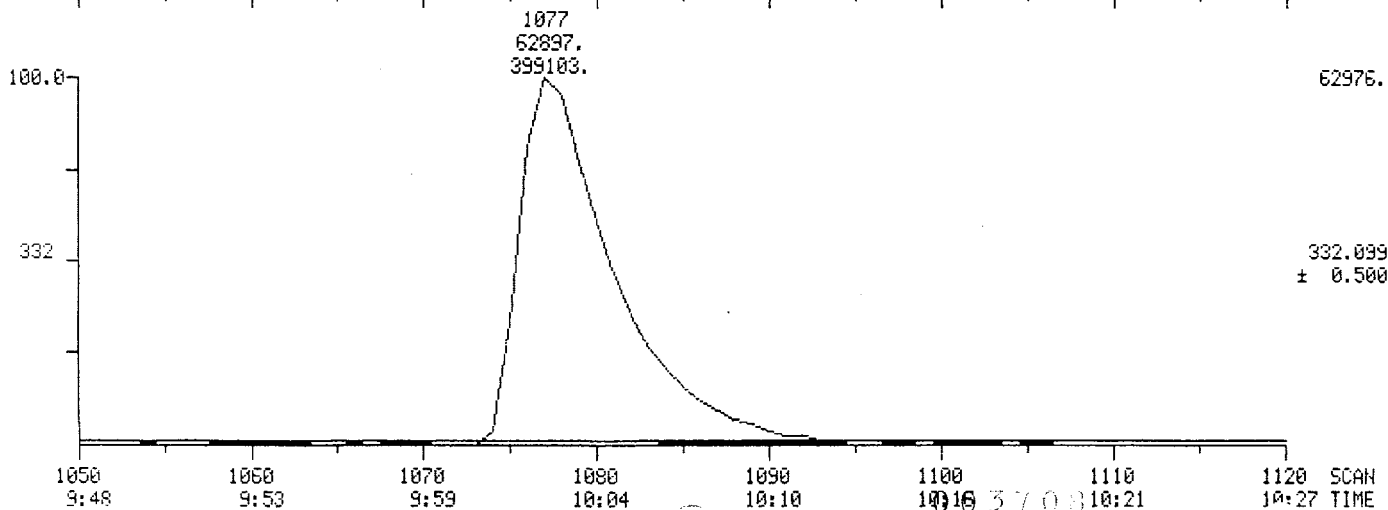
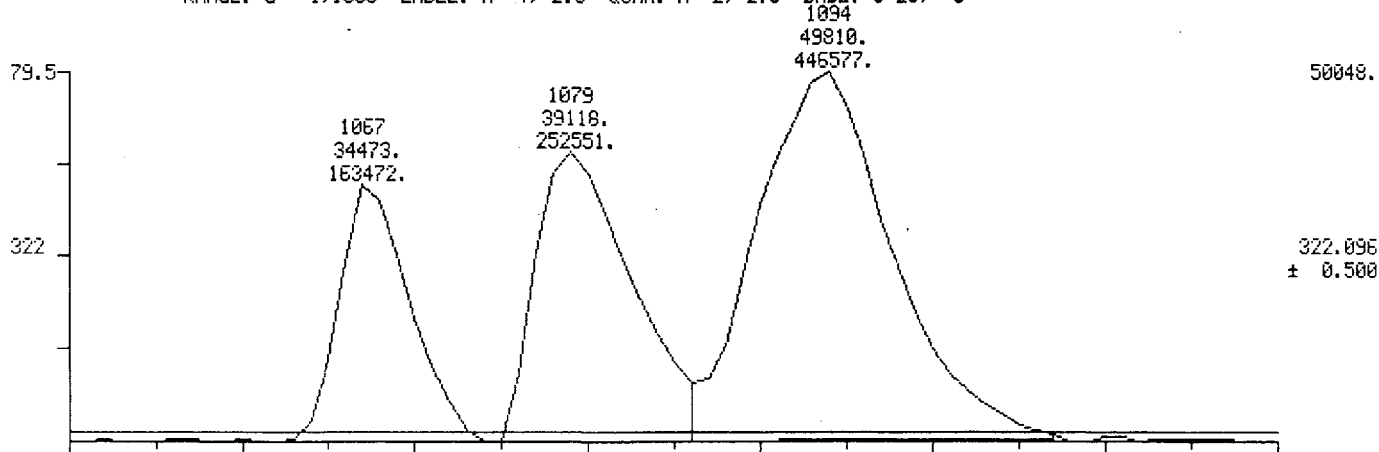
SAMPLE: 2UL OF CPSM

RANGE: G 1.1300 LABEL: N -4, 2.5 QUAN: A 2, 2.0 BASE: U 20, 3

DATA: DH5840626A #1

CALI: F5840626 #5

SCANS 1050 TO 1120



MID MASS CHROMATOGRAMS

DATA: DH5840918 #1

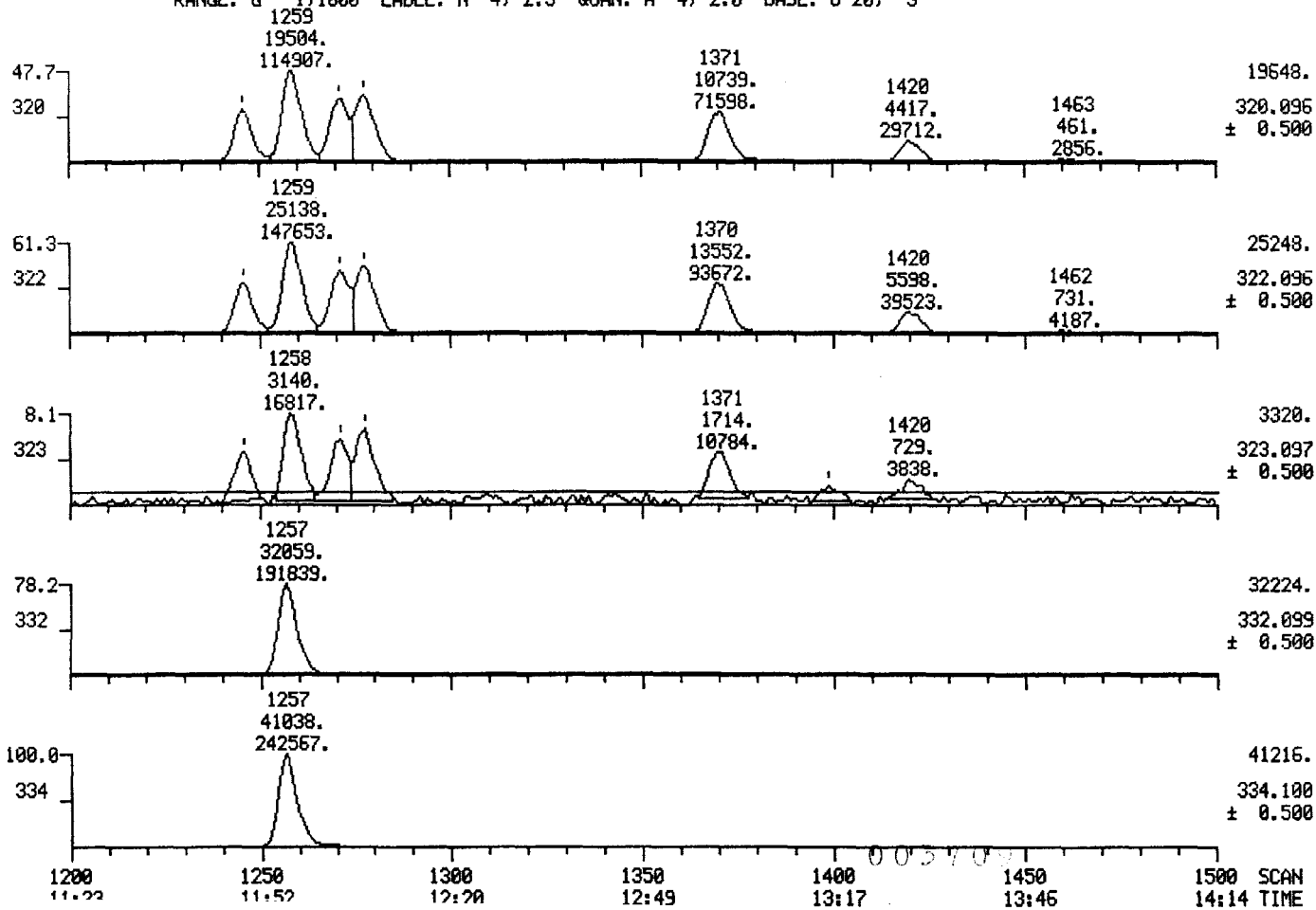
SCANS 1200 TO 1500

09/18/84 7:07:00

CALI: F5840918 #10

SAMPLE: 2UL OF CPSM

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

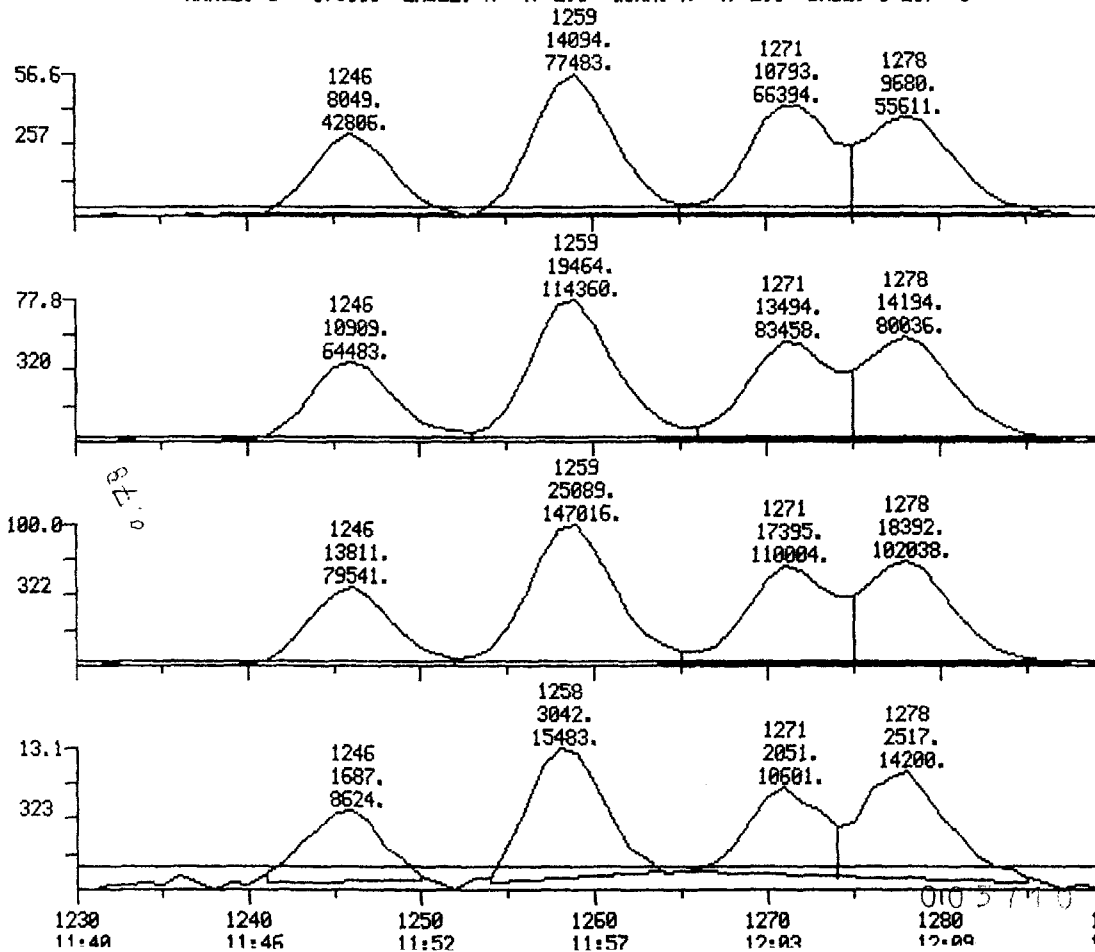
09/18/84 7:07:00

SAMPLE: ZUL OF CP5M

RANGE: G 1,1600 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918 #1

CALI: F5840918 #10



MID MASS CHROMATOGRAMS

09/18/84 7:07:00

SAMPLE: 2UL OF CPSM

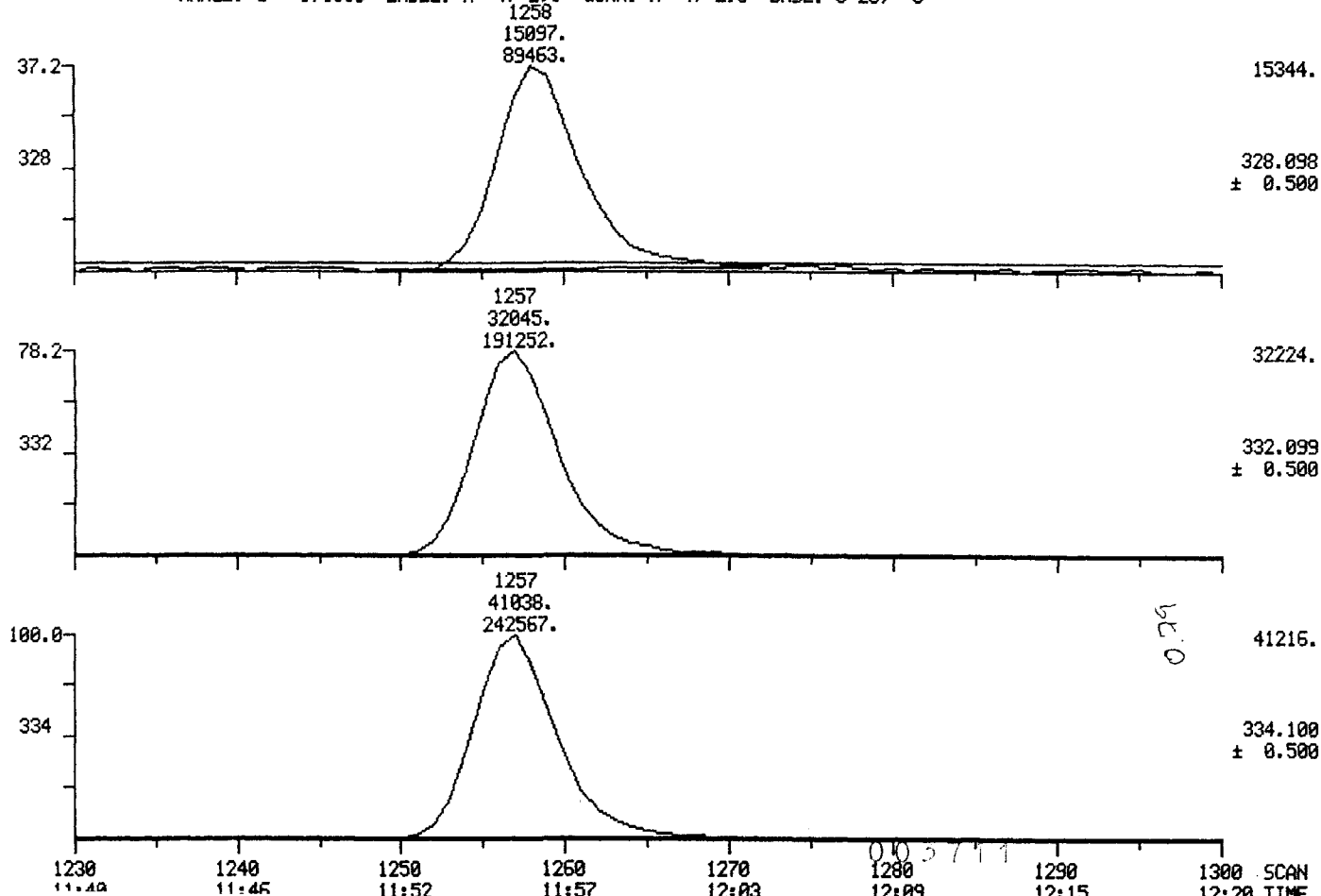
RANGE: G 1.1600 LABEL: N -4, 2.5

DATA: DH5840918 #1

CALI: F5840918 #10

SCANS 1230 TO 1300

QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/18/84 7:07:00

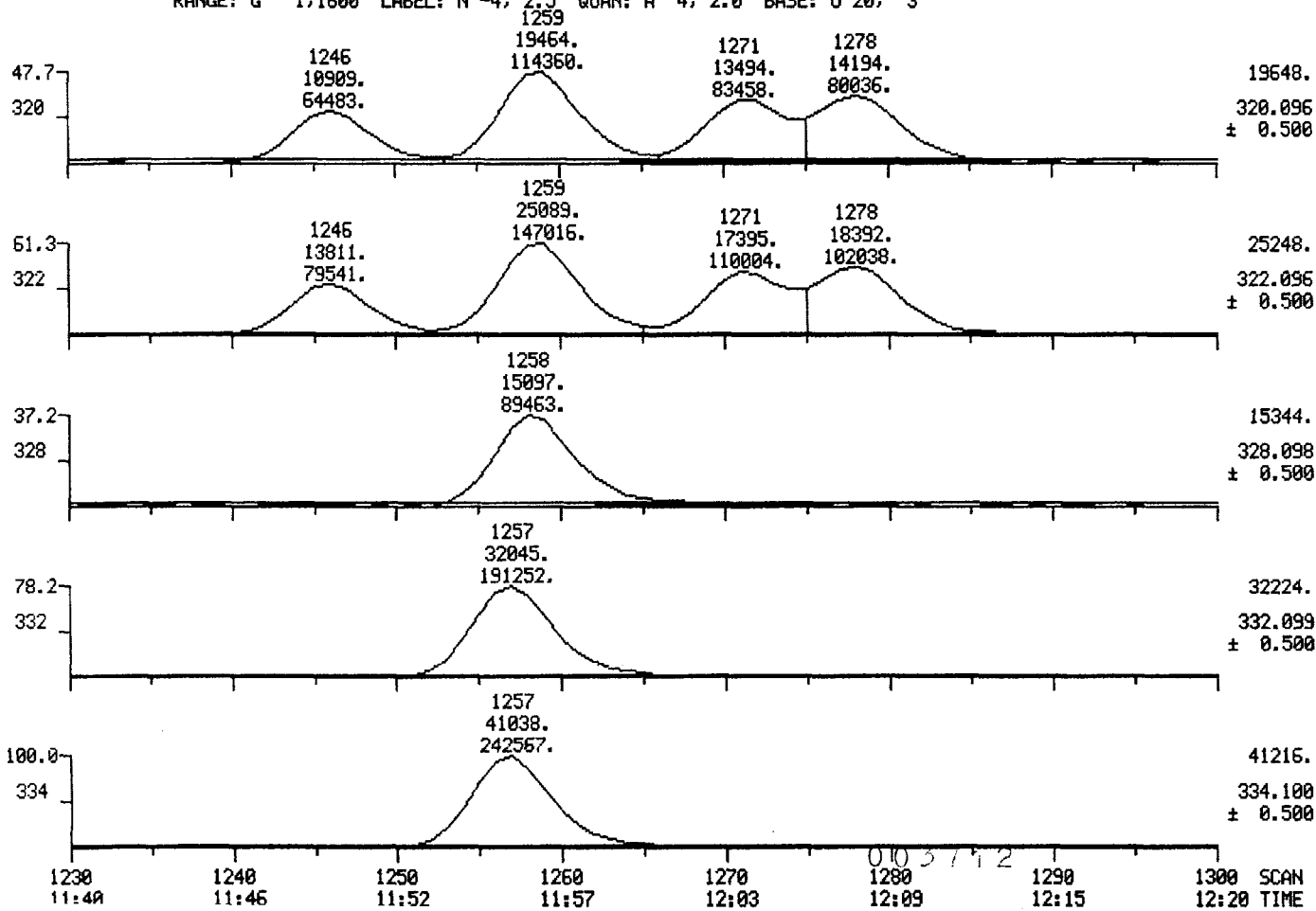
SAMPLE: 2UL OF CPSM

RANGE: G 1,1600 LABEL: N -4, 2,5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918 #1

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 7:07:00

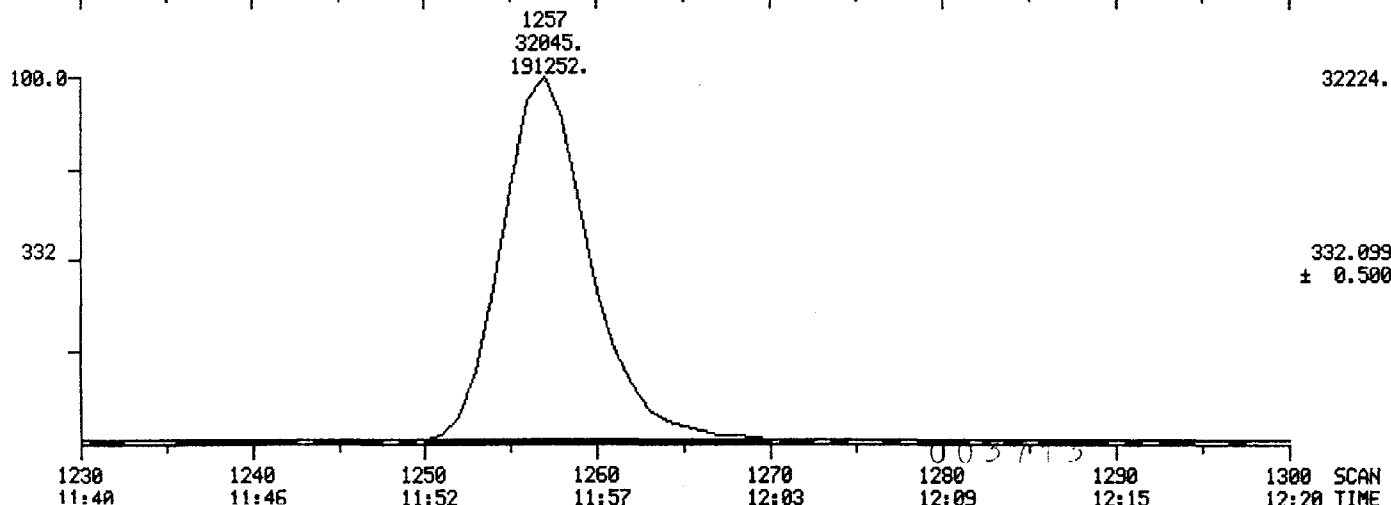
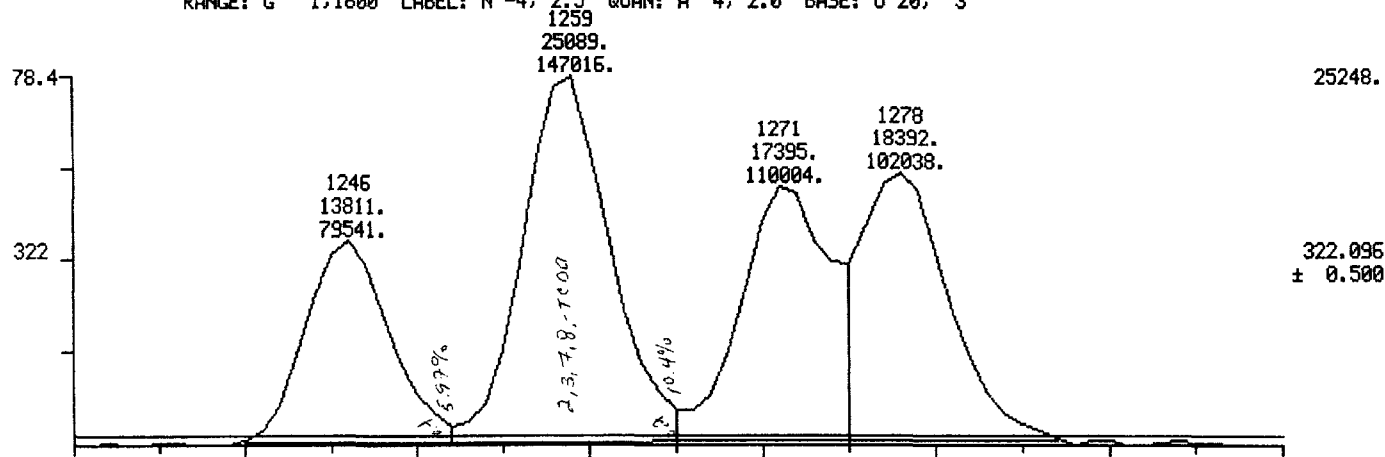
SAMPLE: 2UL OF CPSM

RANGE: G 1.1600 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918 #1

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

DATA: ST5840918 #1400

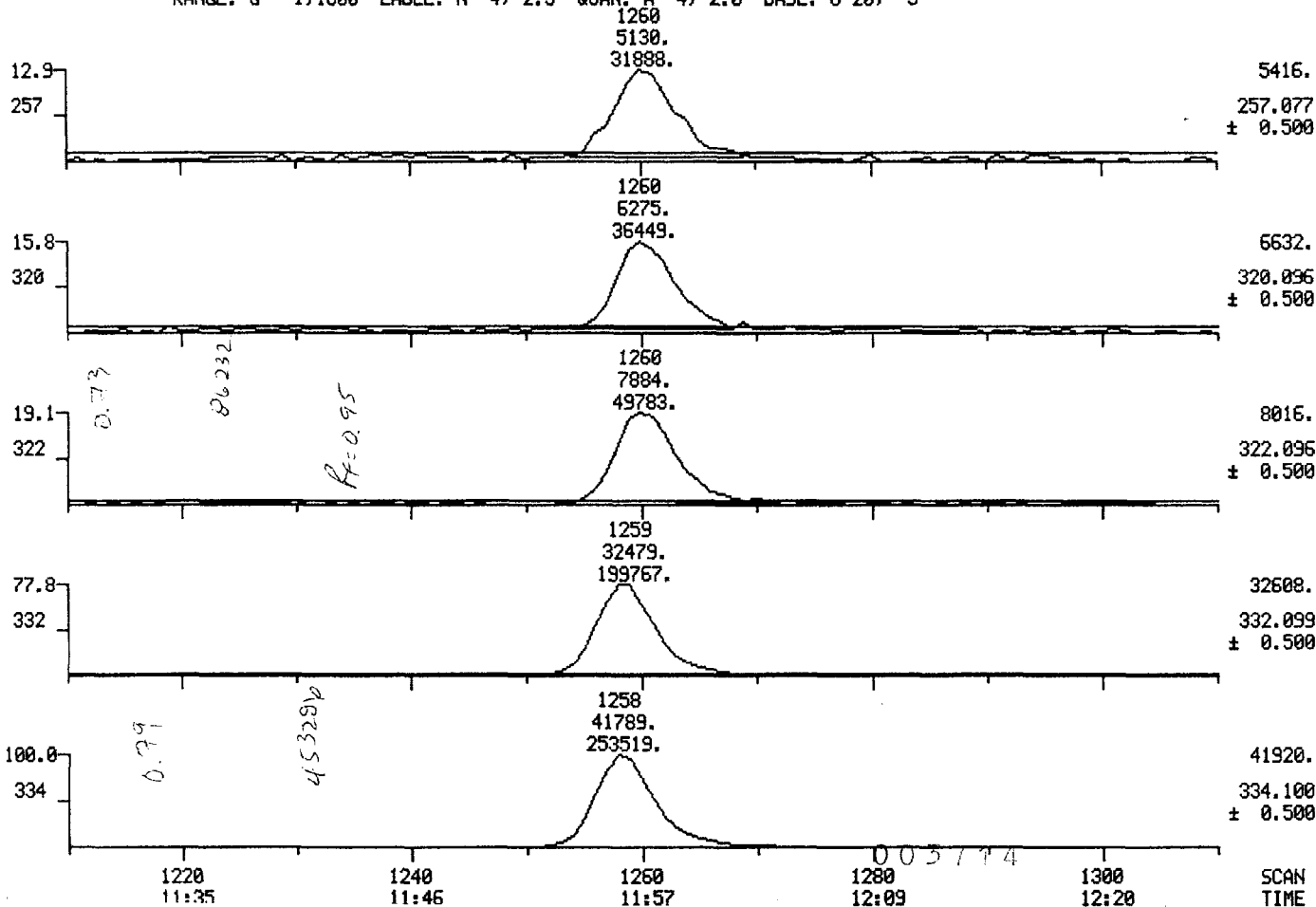
SCANS 1210 TO 1310

09/18/84 7:37:00

CALI: F5840918 #10

SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/18/84 7:37:00

SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1,1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918 #1400

CALI: F5840918 #10

1260
6275.
36449.

15.8
320

1260
7884.
49783.

19.1
322

f₂ area = 1.08

1259
4662.
29164.

11.5
328

1259
32393.
197744.

77.8
332

451263

1258
41789.
253519.

100.0
334

010 5795

1230
11:40

1240
11:45

1250
11:52

1260
11:57

1270
12:03

1280
12:09

1290
12:15

MID MASS CHROMATOGRAMS

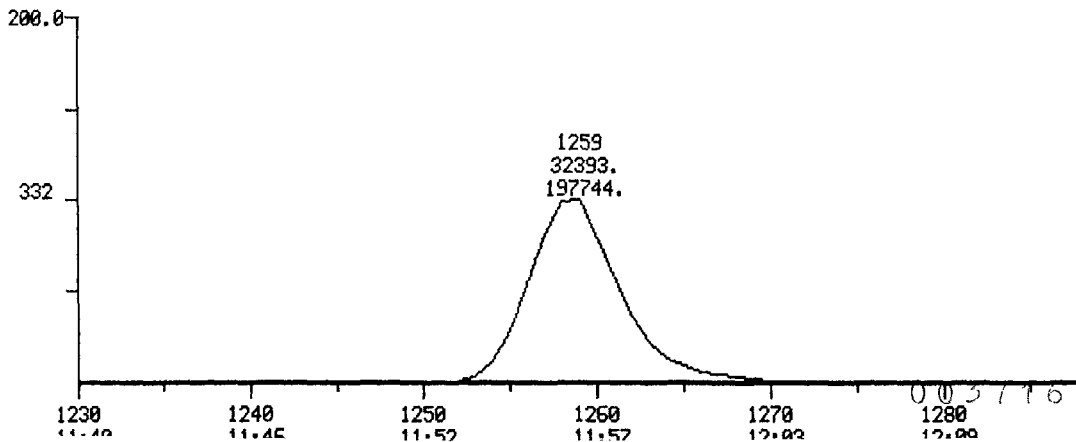
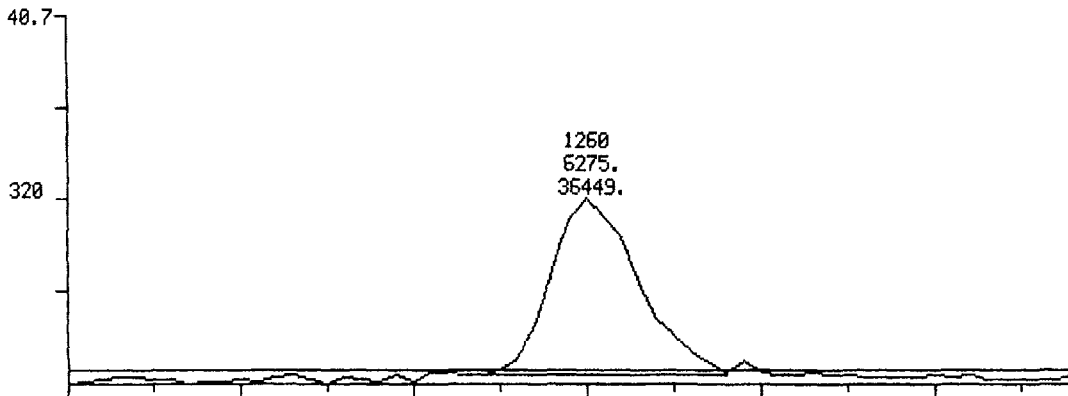
09/18/84 7:37:00

SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1,1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918 #1400

CALI: F5840918 #10



MID MASS CHROMATOGRAMS

DATA: ST5840918A #1400

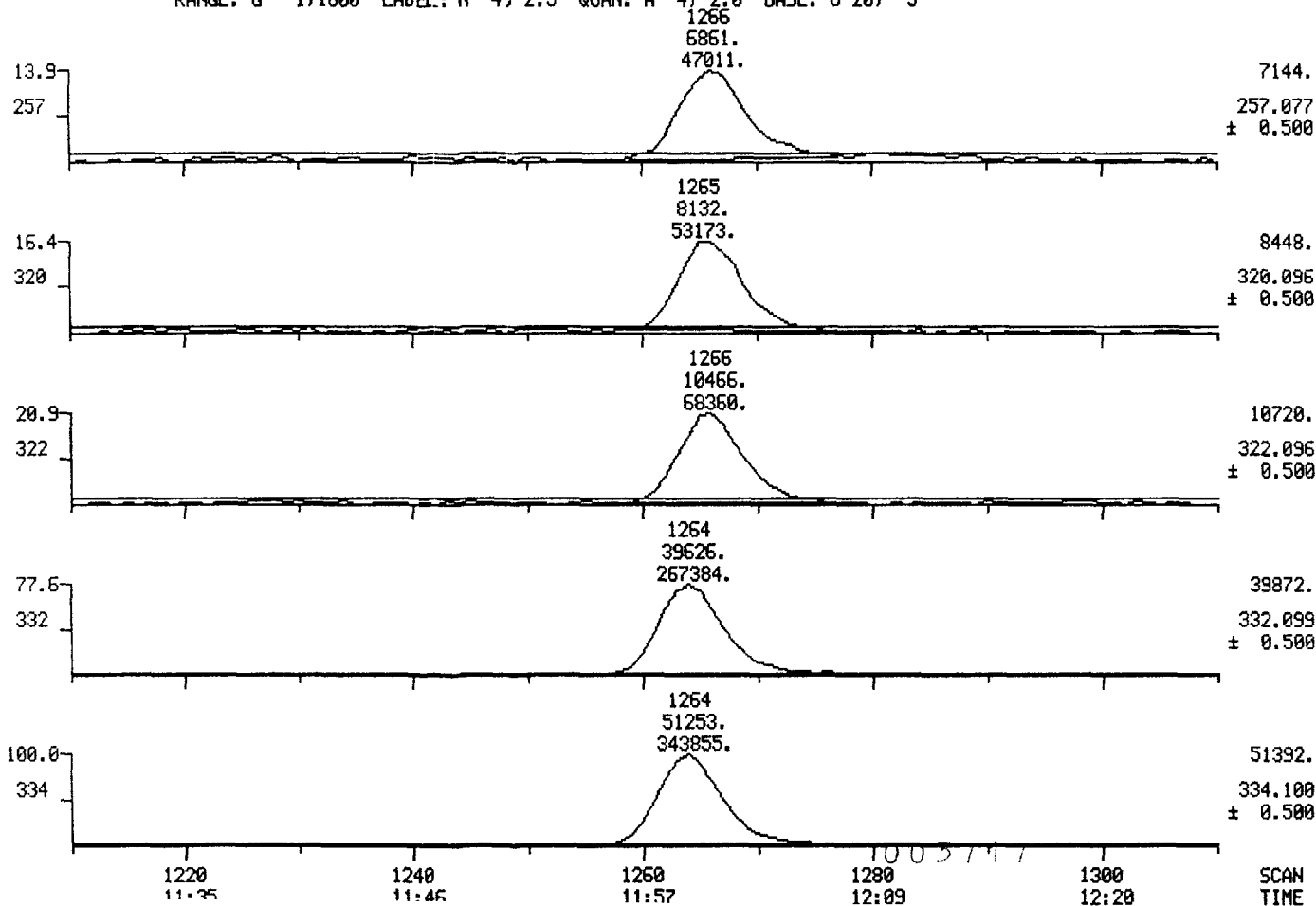
SCANS 1210 TO 1310

09/18/84 13:06:00

CALI: F5840918 #10

SAMPLE: 2UL OF 0.2NG/UL TODD STD MIX CALI#1

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

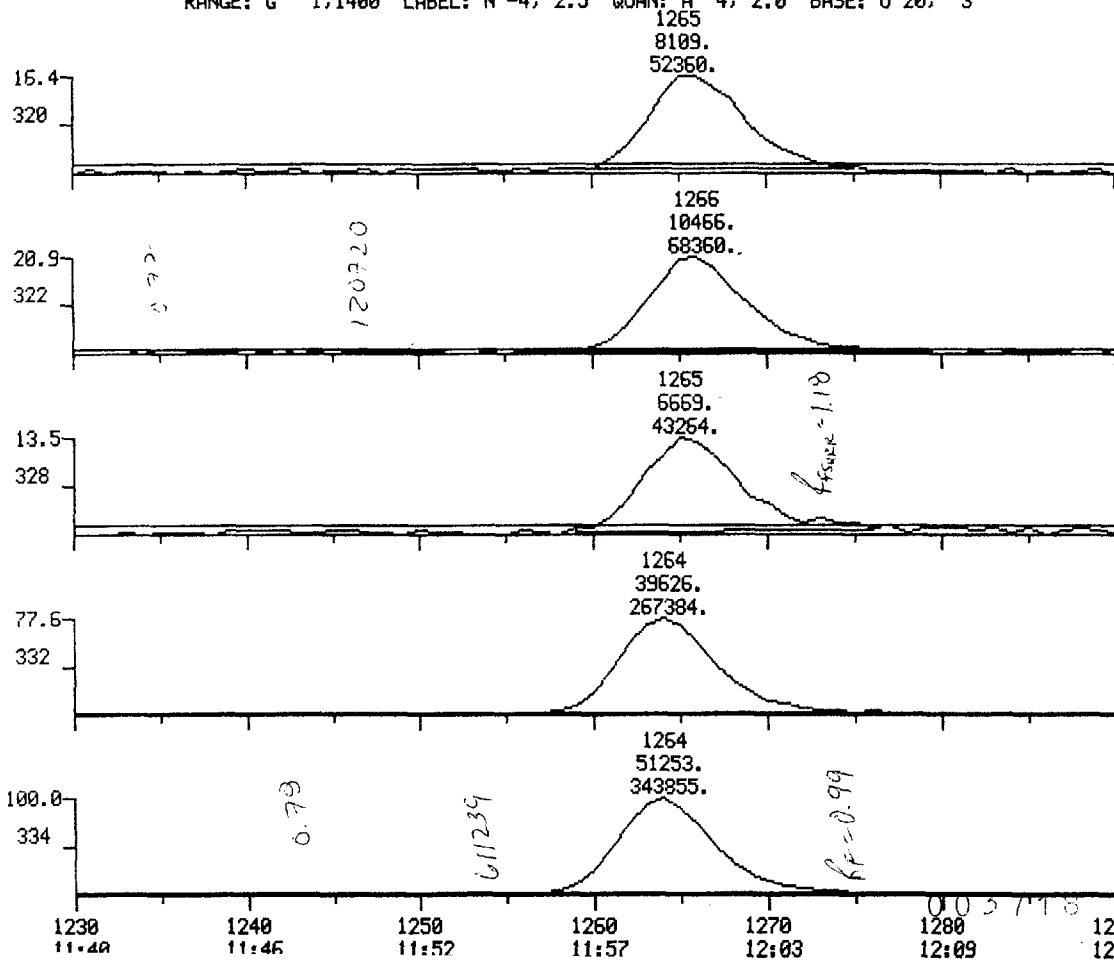
09/18/84 13:06:00

SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1.1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918A #1400

CALI: F5840918 #10



MID MASS CHROMATOGRAMS

09/19/84 13:06:00

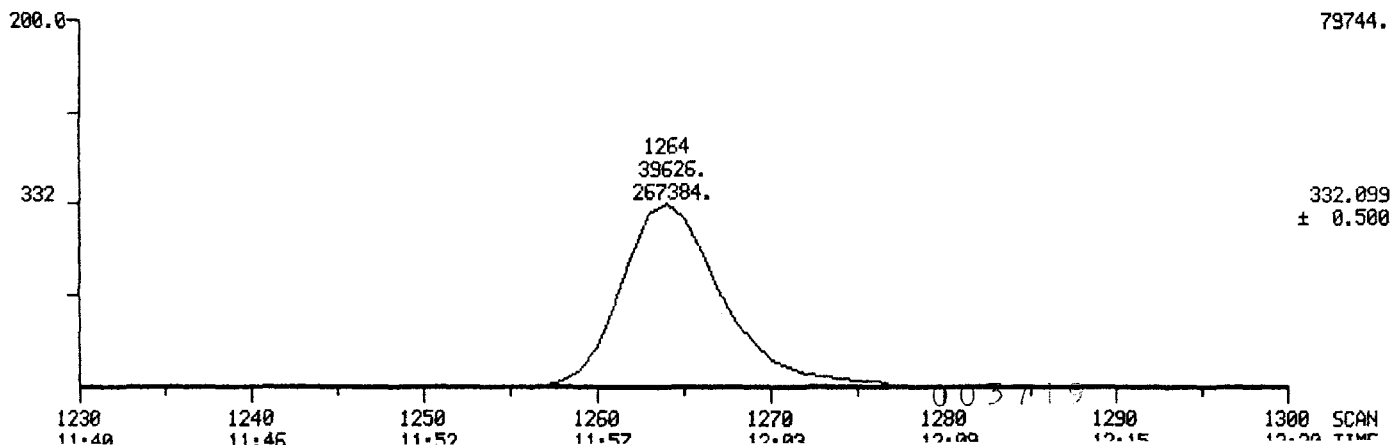
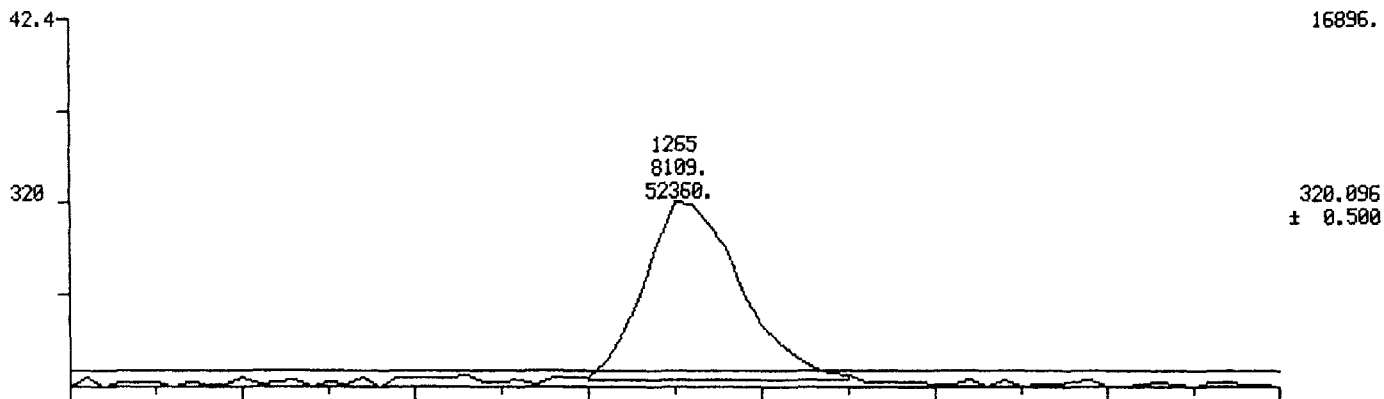
SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1.1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918A #1400

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

DATA: DH5840918C #1

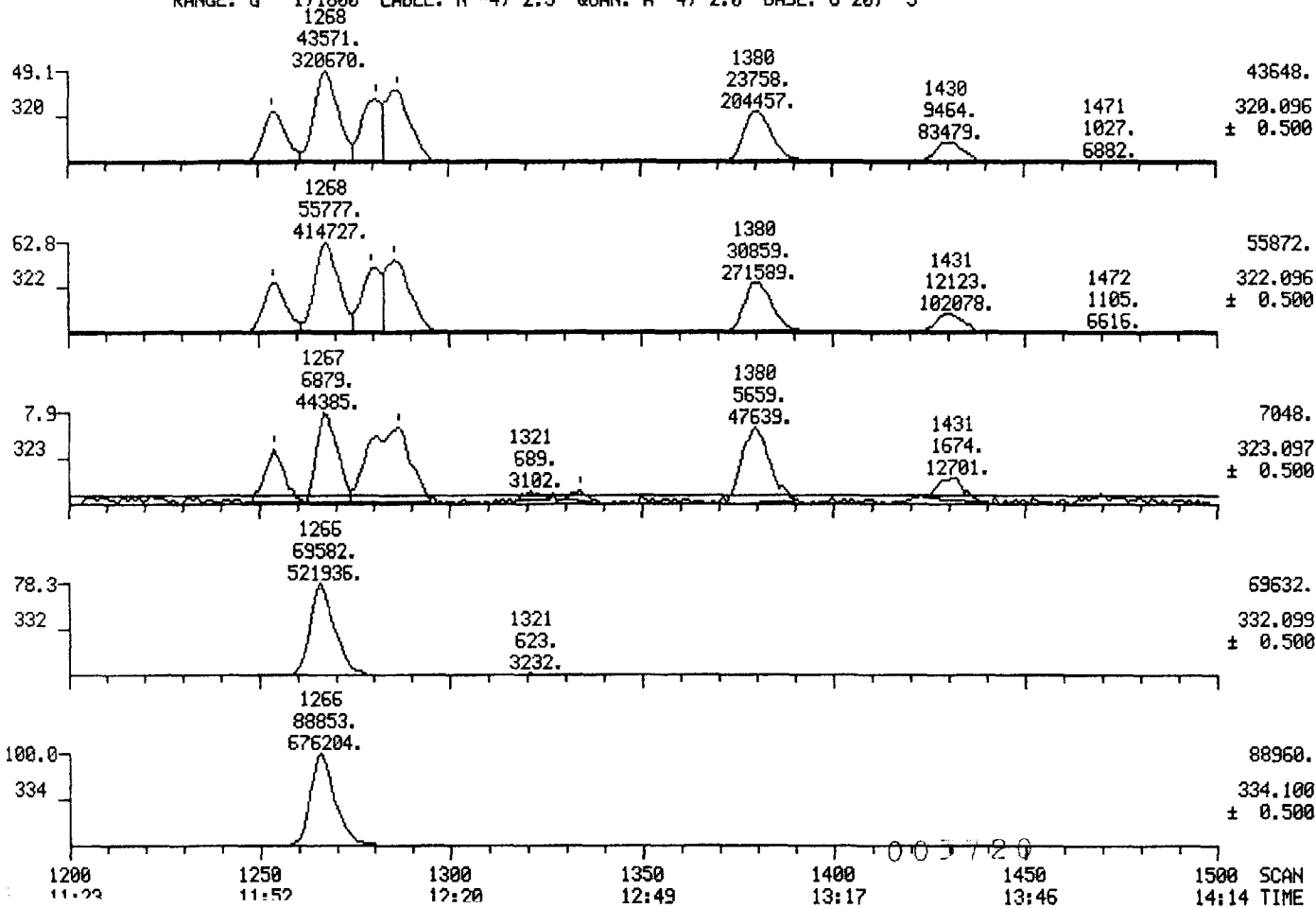
SCANS 1200 TO 1500

09/18/84 20:23:00

CALI: F5840915 #3

SAMPLE: 2UL OF CPSM

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

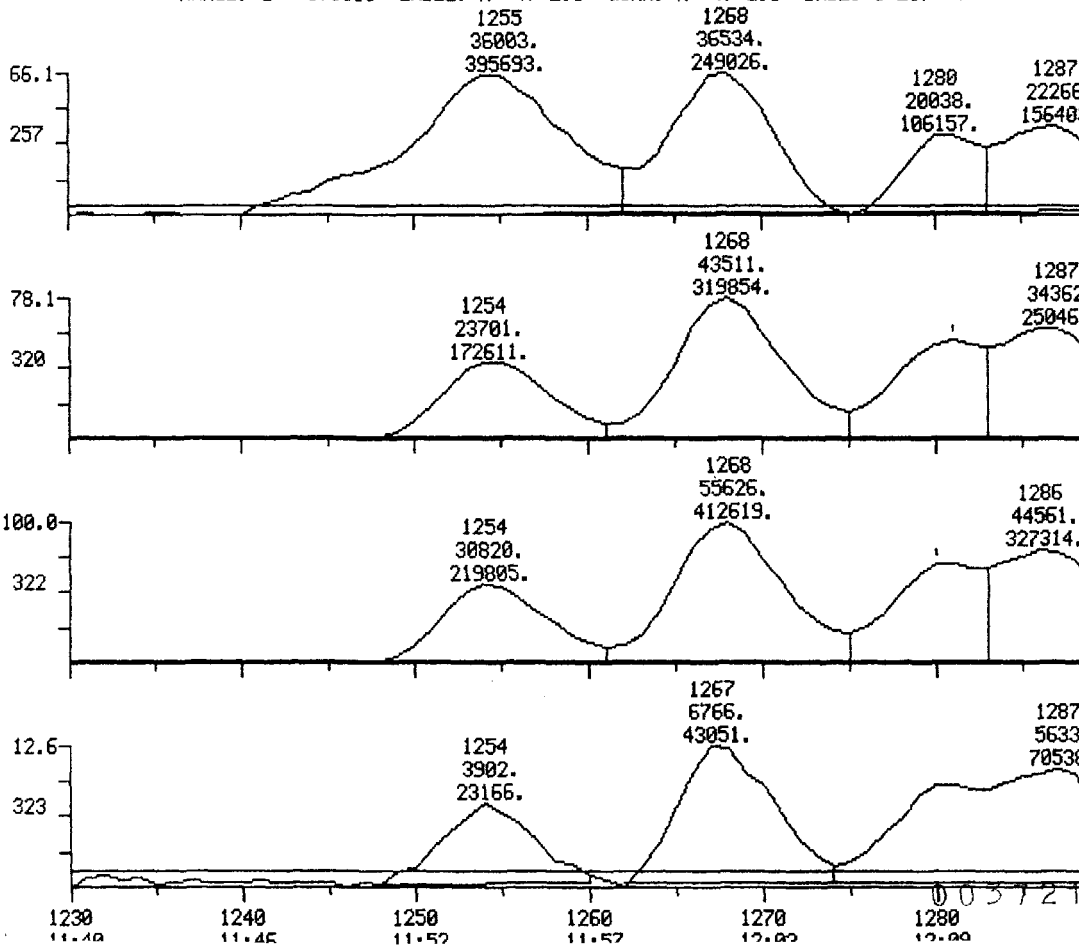
09/18/84 20:23:00

SAMPLE: 2UL OF CPSM

RANGE: G 1.1500 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918C #1

CALI: F5840915 #3



MID MASS CHROMATOGRAMS

DATA: DH5840918C #1

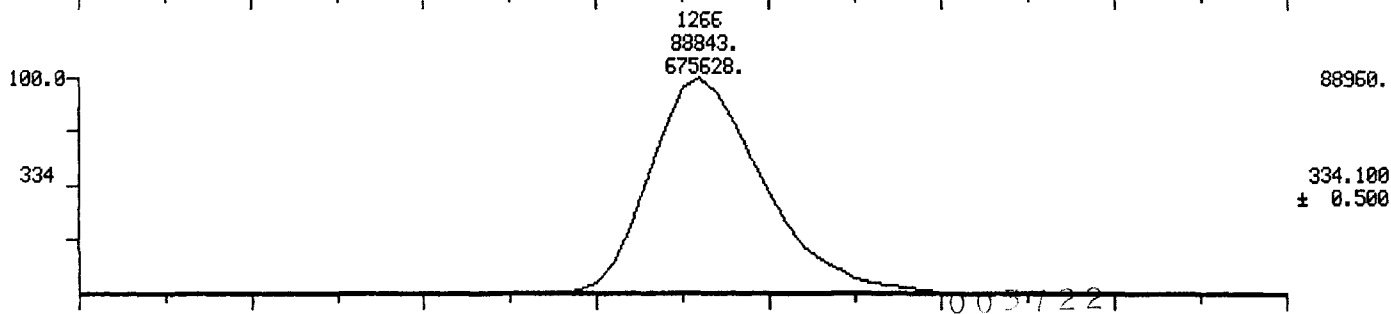
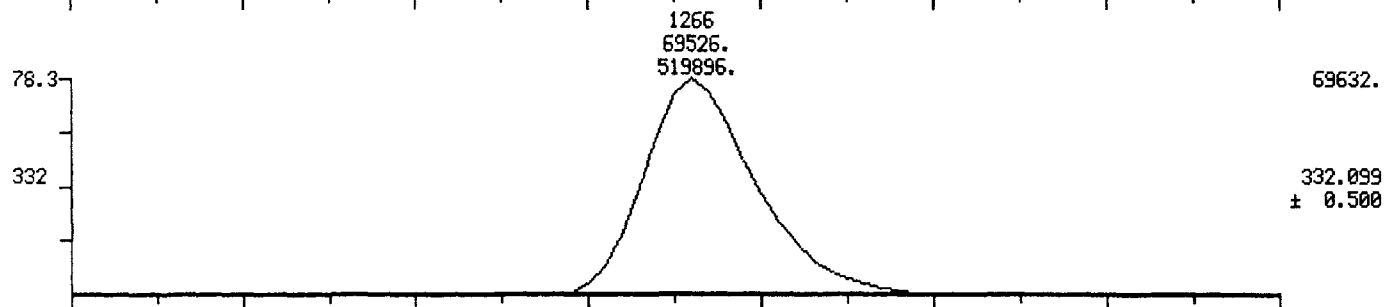
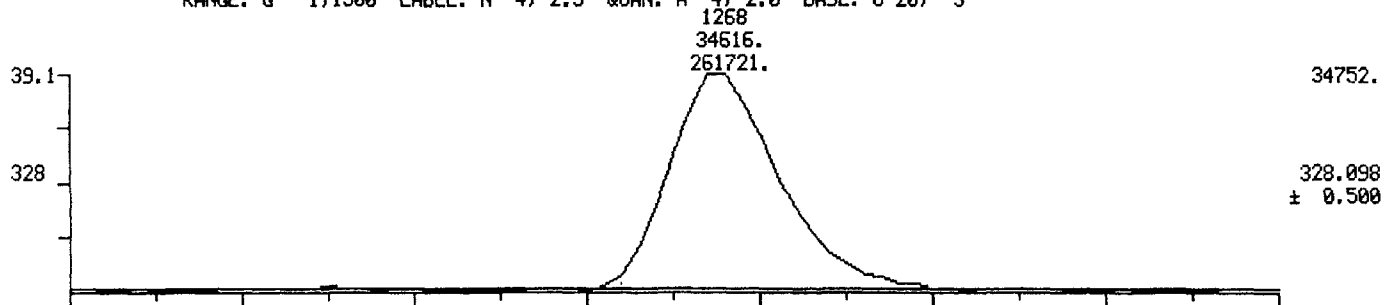
SCANS 1230 TO 1300

09/18/84 20:23:00

CALI: F5840915 #3

SAMPLE: ZUL OF CPSM

RANGE: G 1,1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



1230 1240 1250 1260 1270 1280 1290 1300 SCAN
11:40 11:45 11:52 11:57 12:03 12:09 12:15 12:22 TIME

MID MASS CHROMATOGRAMS

09/13/84 20:23:00

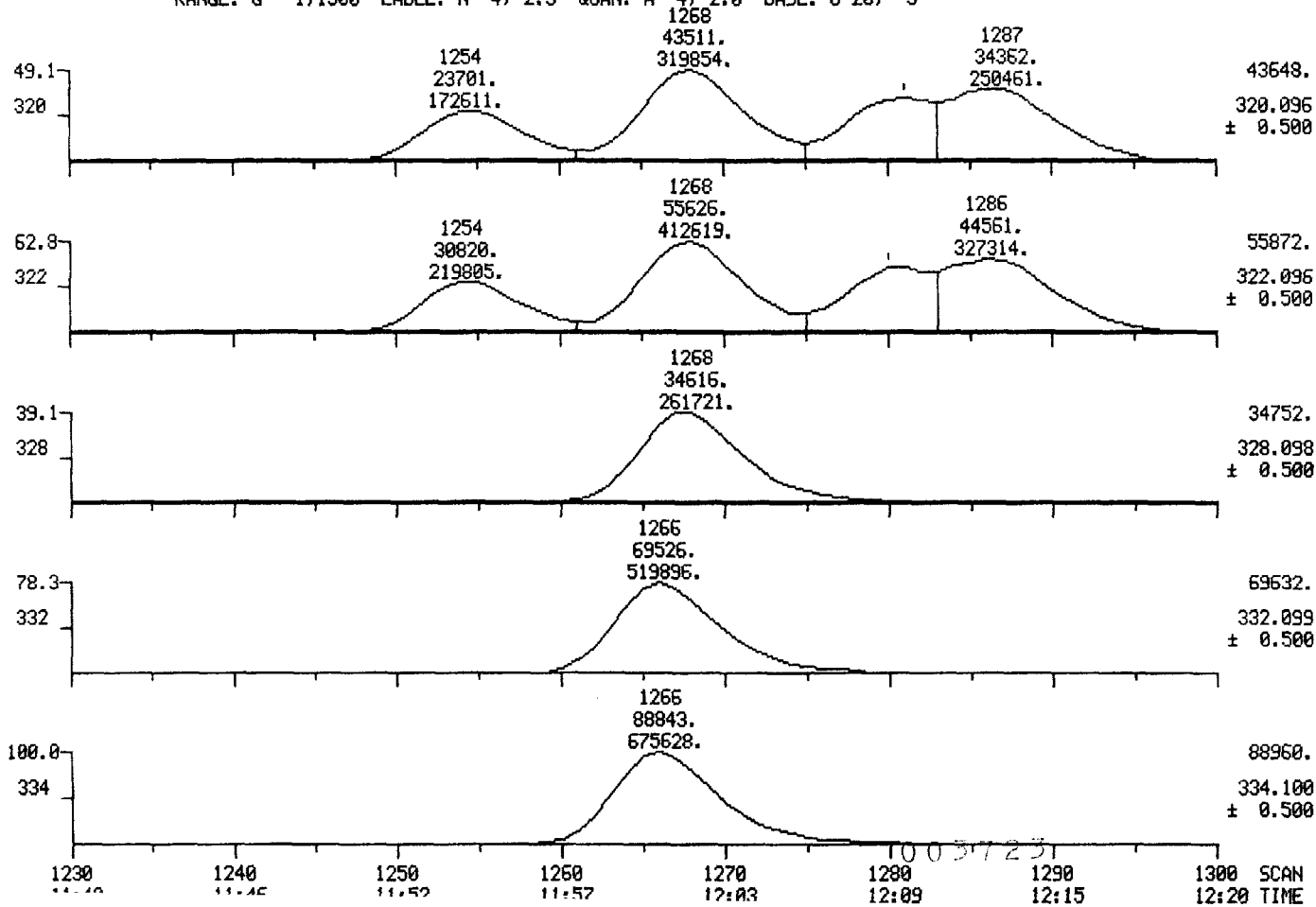
SAMPLE: 2UL OF CPSM

RANGE: G 1,1500 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918C #1

CALI: F5840915 #3

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 20:23:00

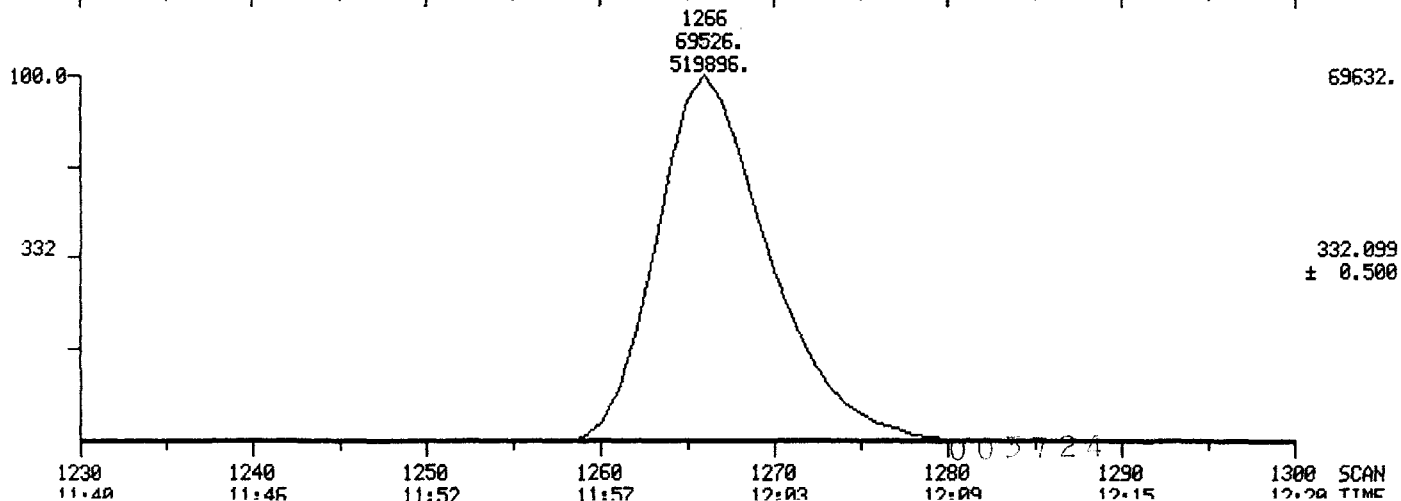
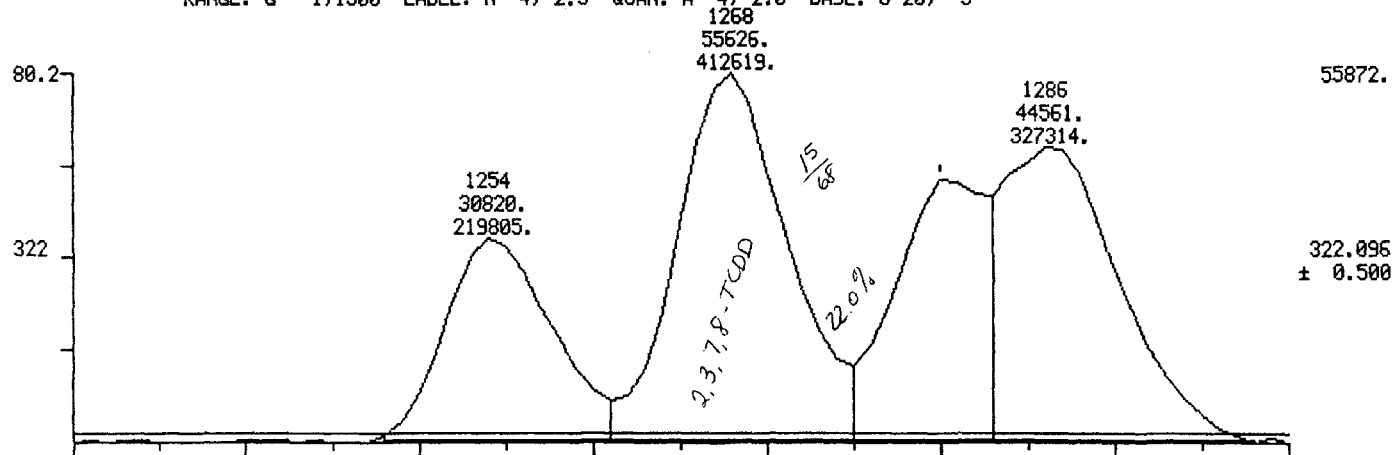
SAMPLE: 2UL OF CPSM

RANGE: G 1.1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918C #1

CALI: F5840915 #3

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 21:33:00

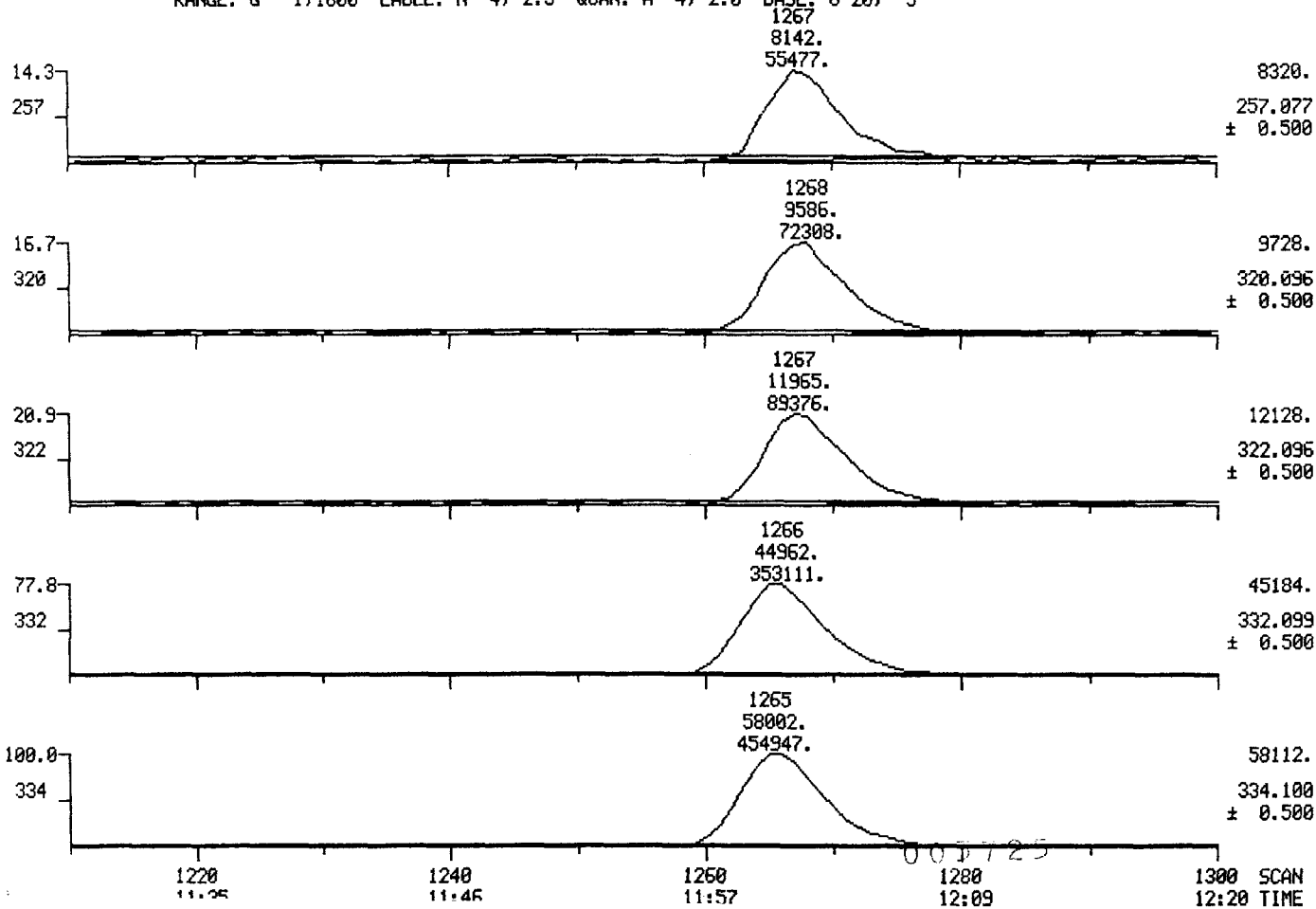
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918G #1300

CALI: F5840915 #3

SCANS 1210 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 21:33:00

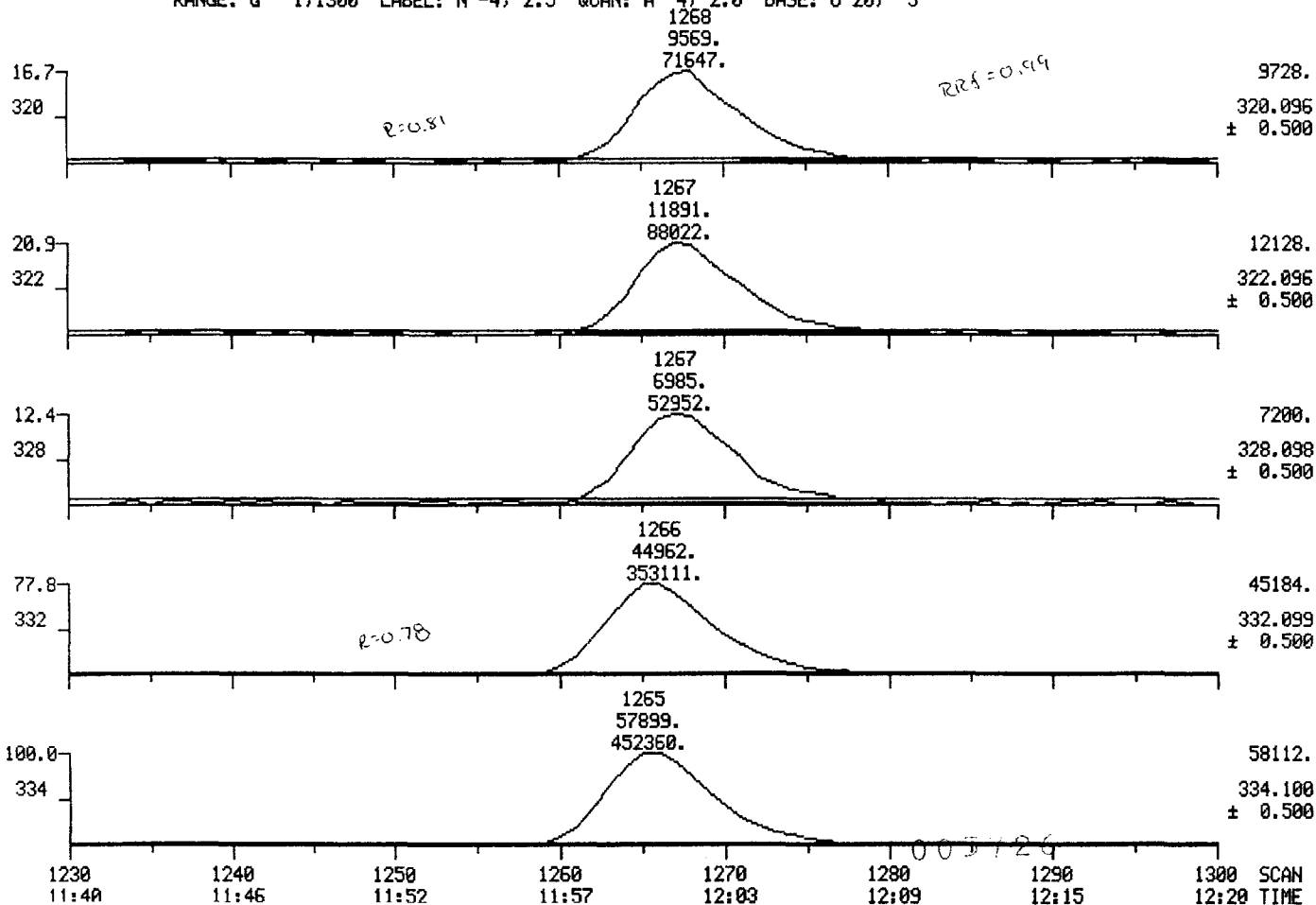
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1300 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918G #1300

SCANS 1230 TO 1300

CALI: F5840915 #3



MID MASS CHROMATOGRAMS

09/18/84 21:33:00

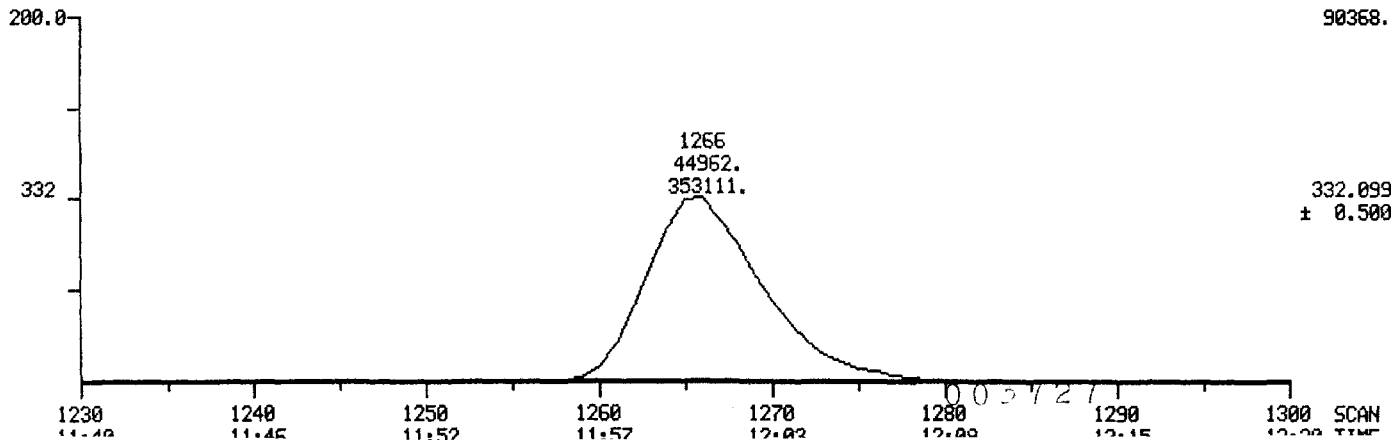
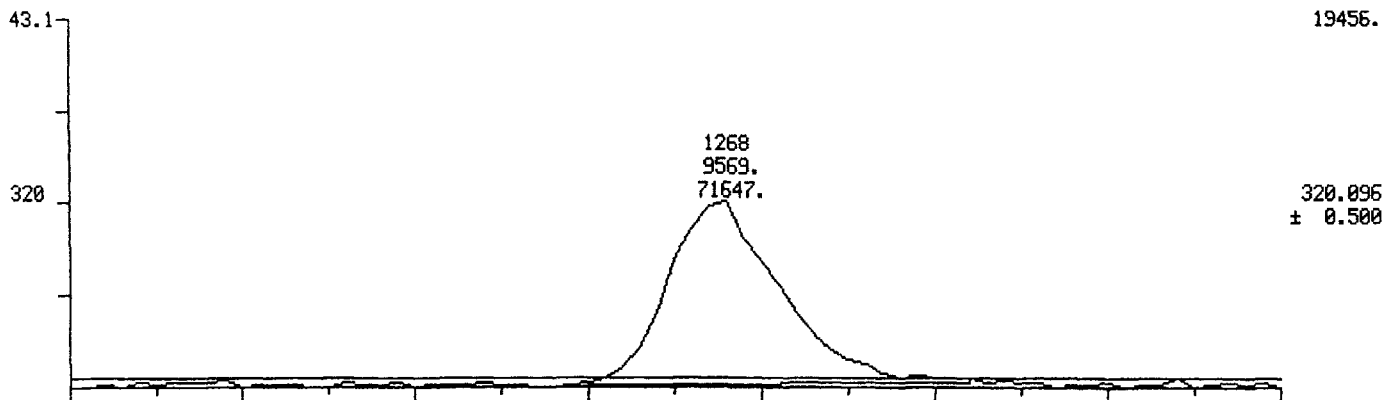
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1300 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: 575840918G #1300

CALI: F5840915 #3

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

DATA: DH58409180 #1

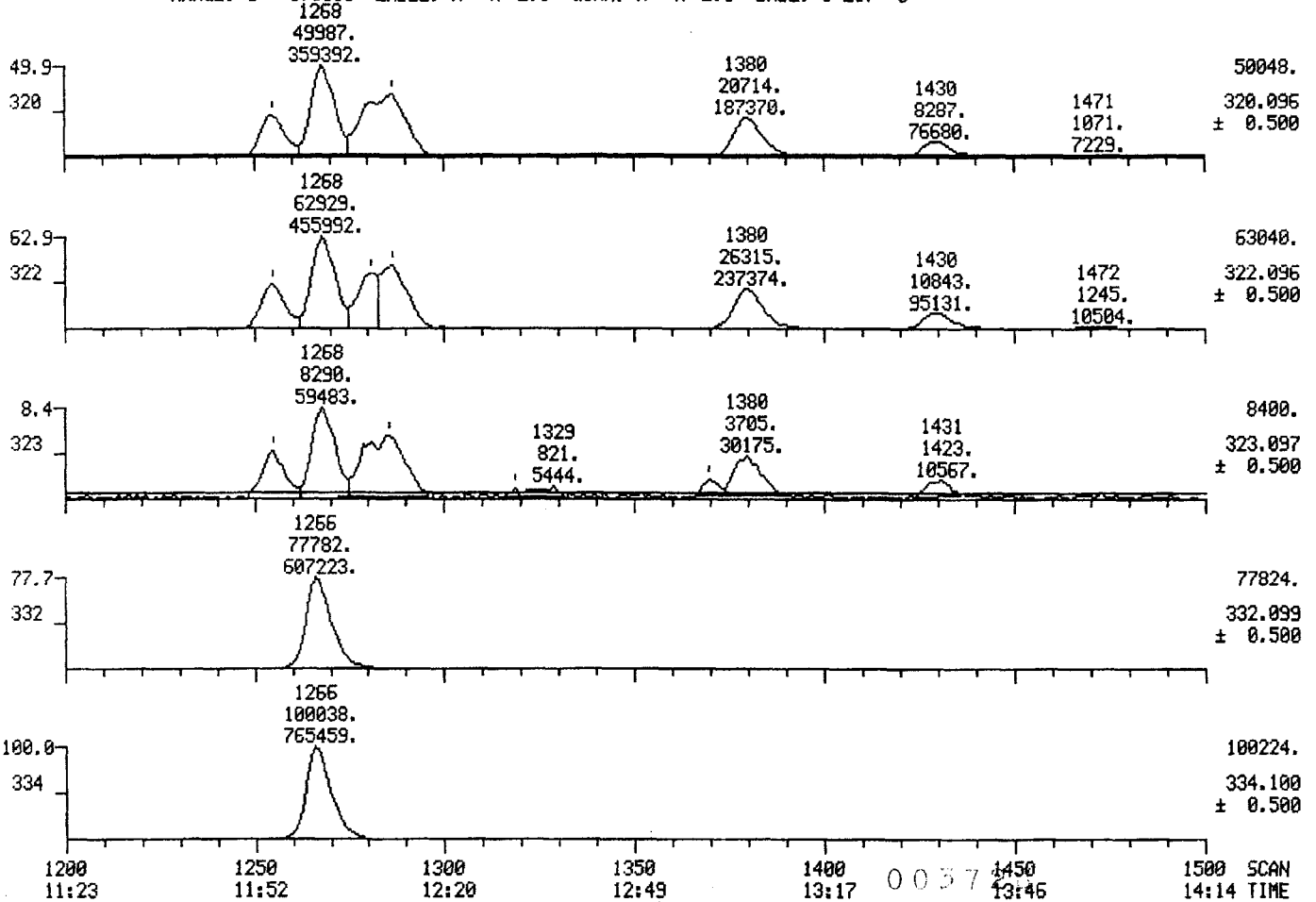
SCANS 1200 TO 1500

09/18/84 22:54:00

CALI: F5840918 #10

SAMPLE: 2UL OF CPSM

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 22:54:00

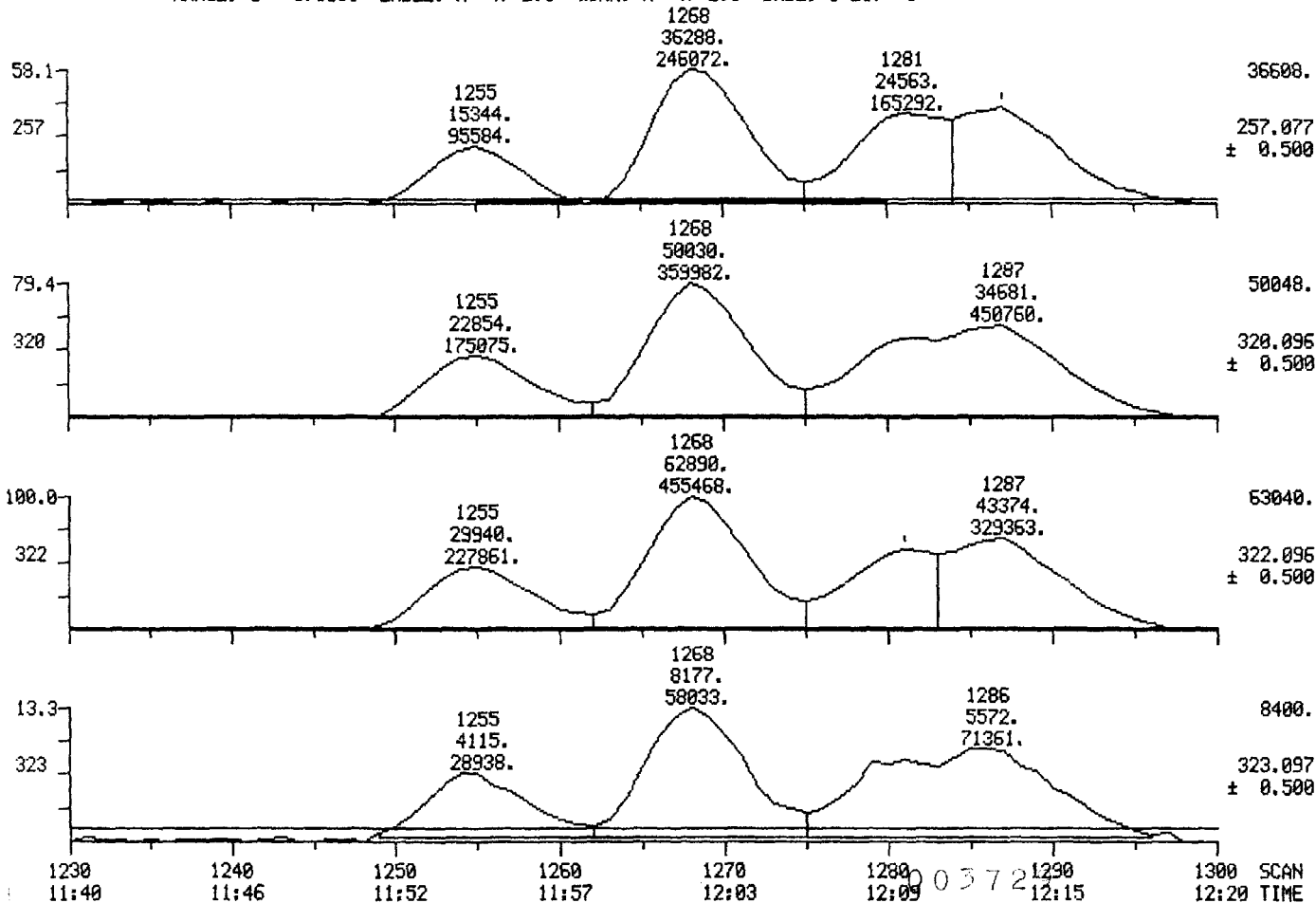
SAMPLE: 2UL OF CPSM

RANGE: G 1.1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH58409180 #1

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 22:54:00

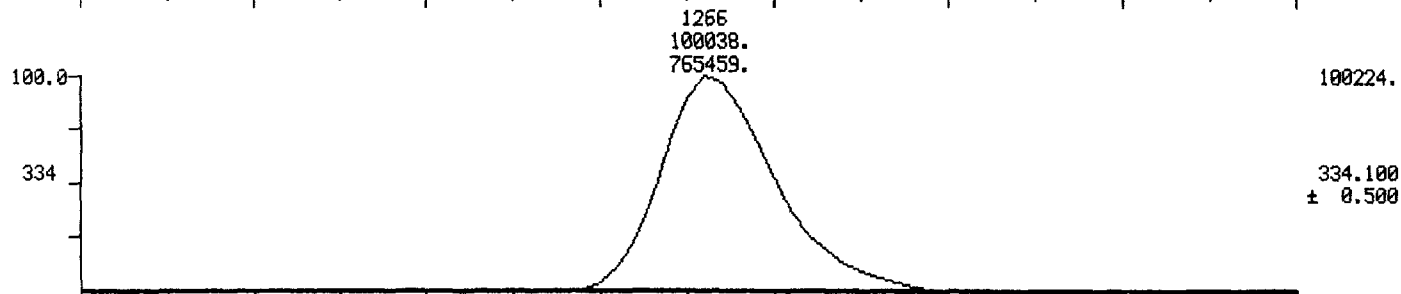
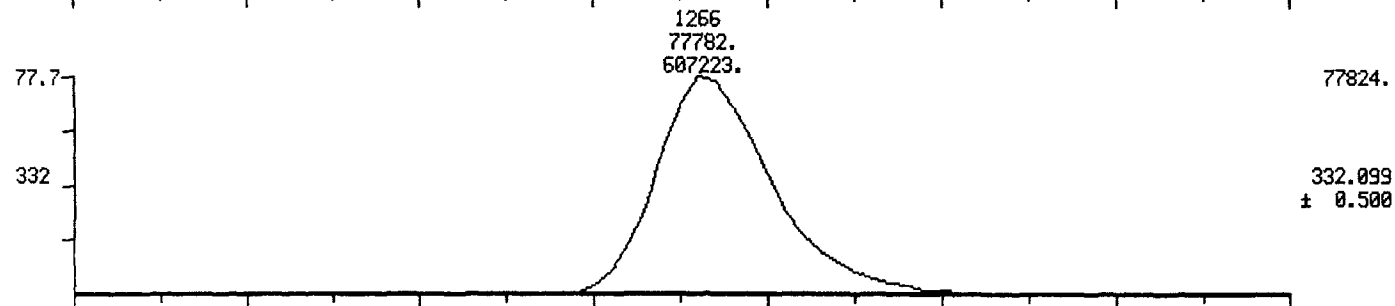
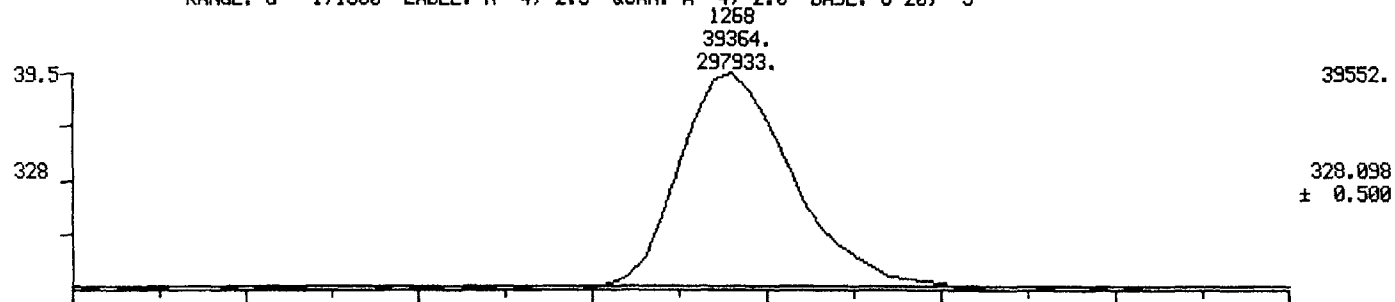
SAMPLE: 2UL OF CPSM

RANGE: G 1.1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH58409180 #1

CALI: F5840918 #10

SCANS 1230 TO 1300



1230 1240 1250 1260 1270 1280 1290 1300 SCAN
11:40 11:46 11:52 11:57 12:03 12:09 12:15 12:20 TIME

0.373

MID MASS CHROMATOGRAMS

DATA: DH58409180 #1

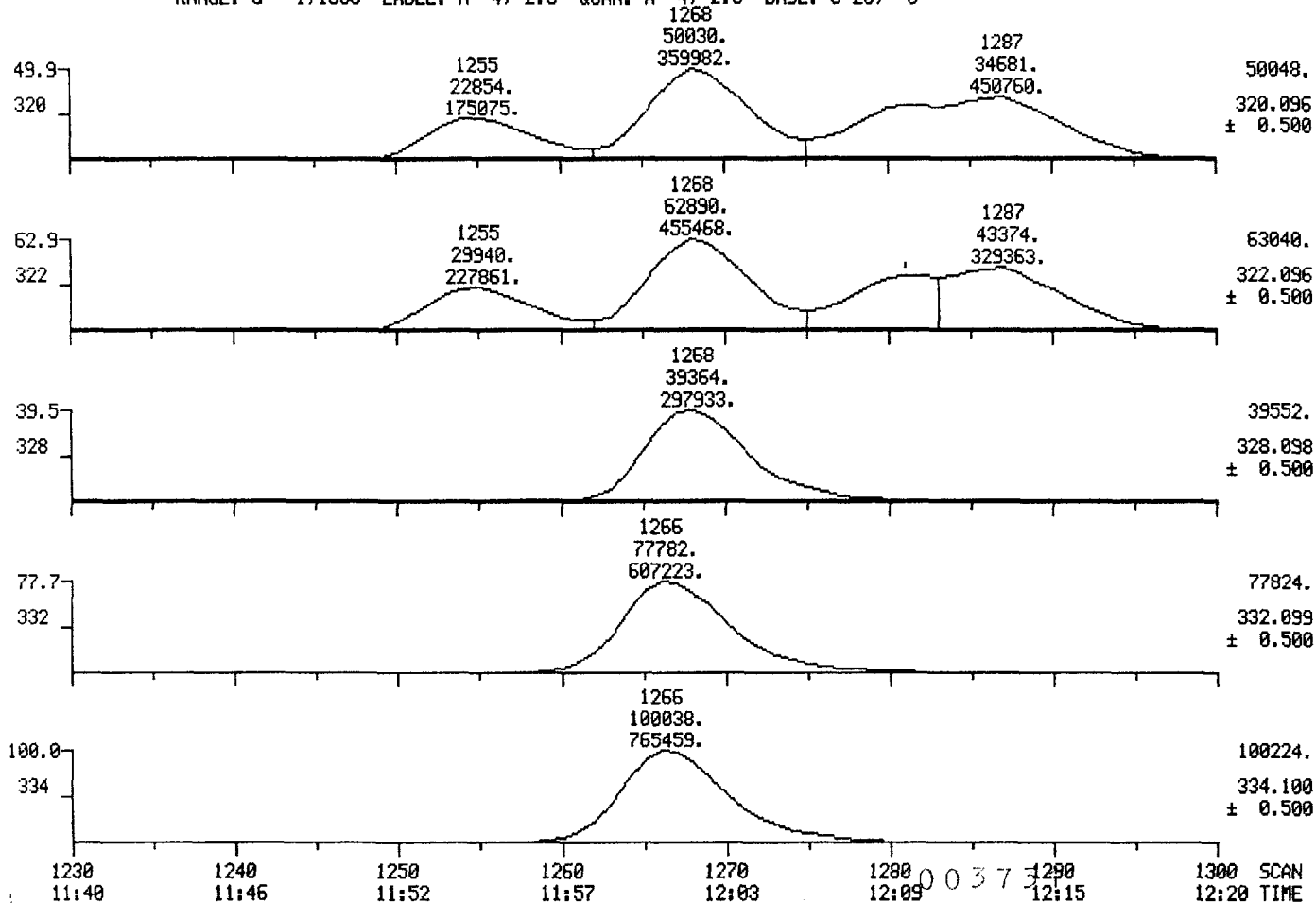
SCANS 1230 TO 1300

09/13/84 22:54:00

CALI: F5840918 #10

SAMPLE: 2UL OF CPSM

RANGE: G 1,1500 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/18/84 22:54:00

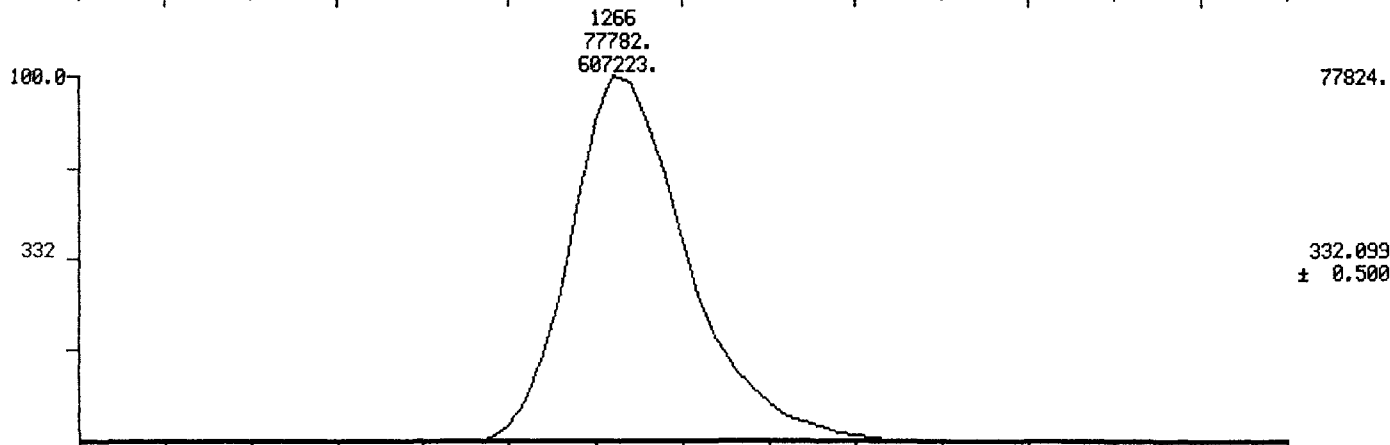
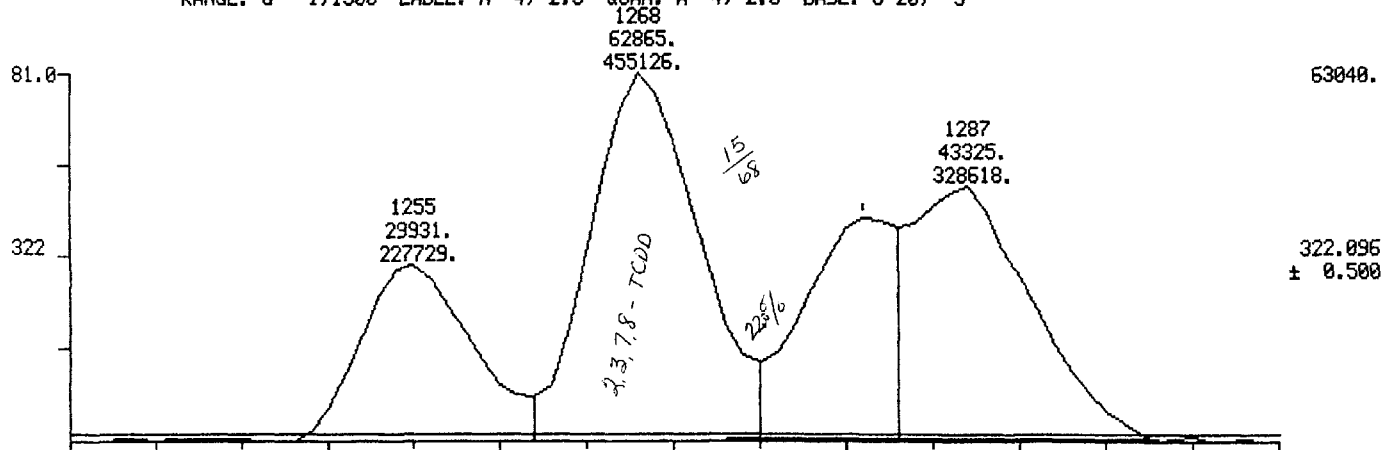
SAMPLE: 2UL OF CPSM

RANGE: G 1.1500 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840918D #1

CALI: F5840918 #10

SCANS 1235 TO 1305



1240	1250	1260	1270	1280	1290	1300	SCAN
11:46	11:52	11:57	12:03	12:09	12:15	12:20	TIME

MID MASS CHROMATOGRAMS

09/18/84 23:22:00

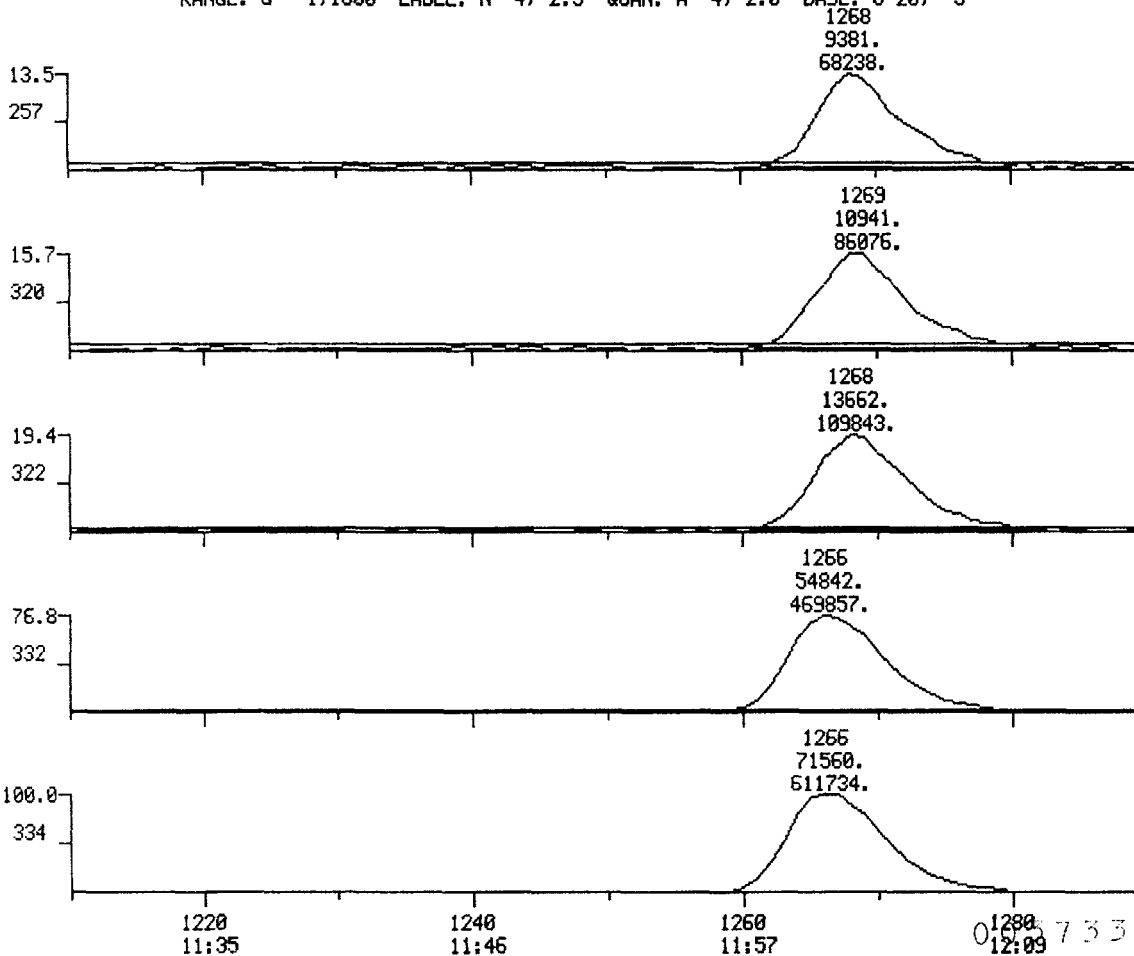
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST58409181 #1

CALI: F5840918 #10

SCA



MID MASS CHROMATOGRAMS

09/18/84 23:22:00

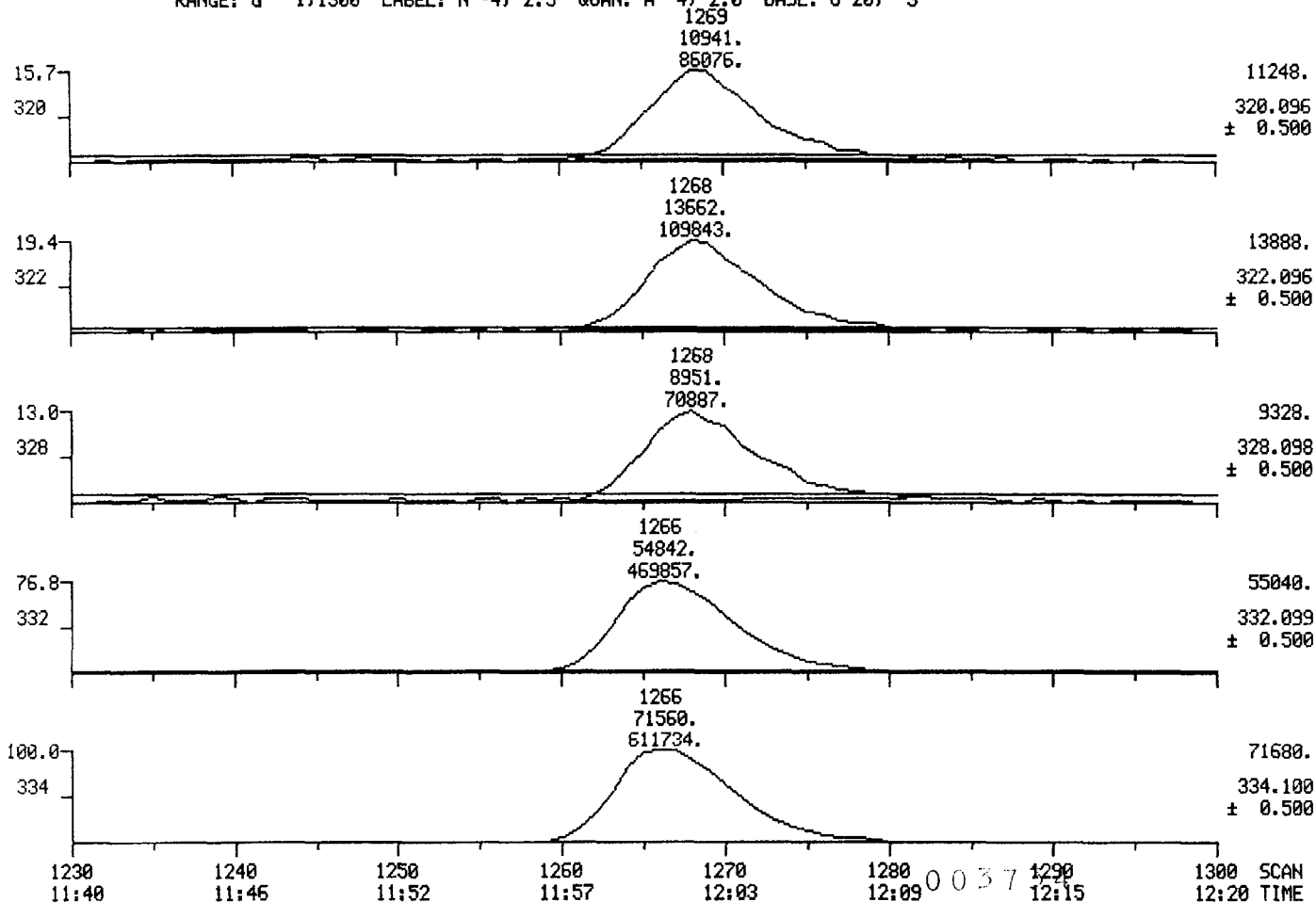
SAMPLE: ZUL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1300 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918I #1

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 23:22:00

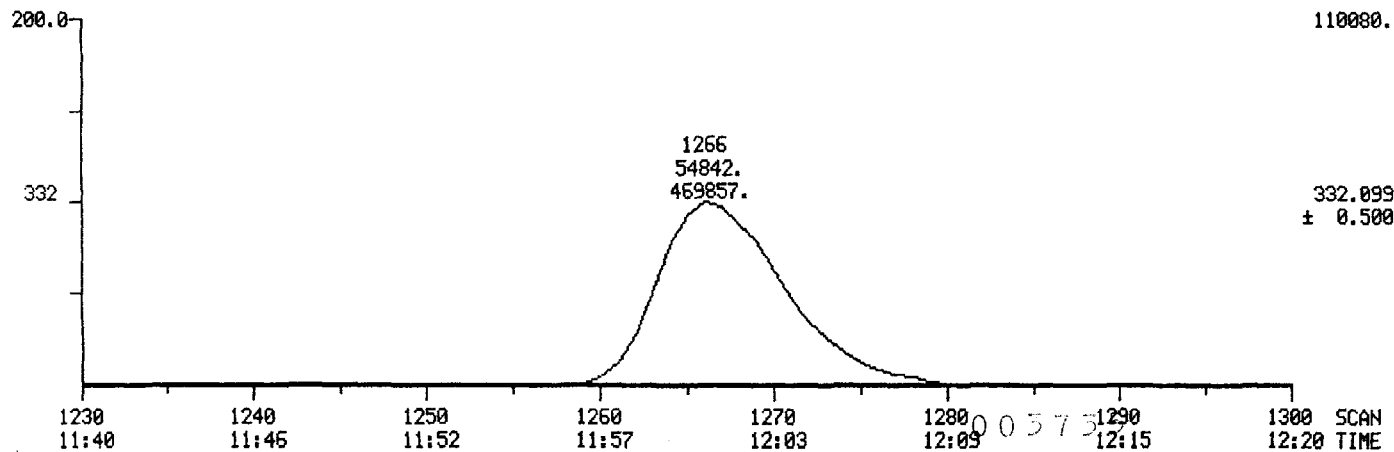
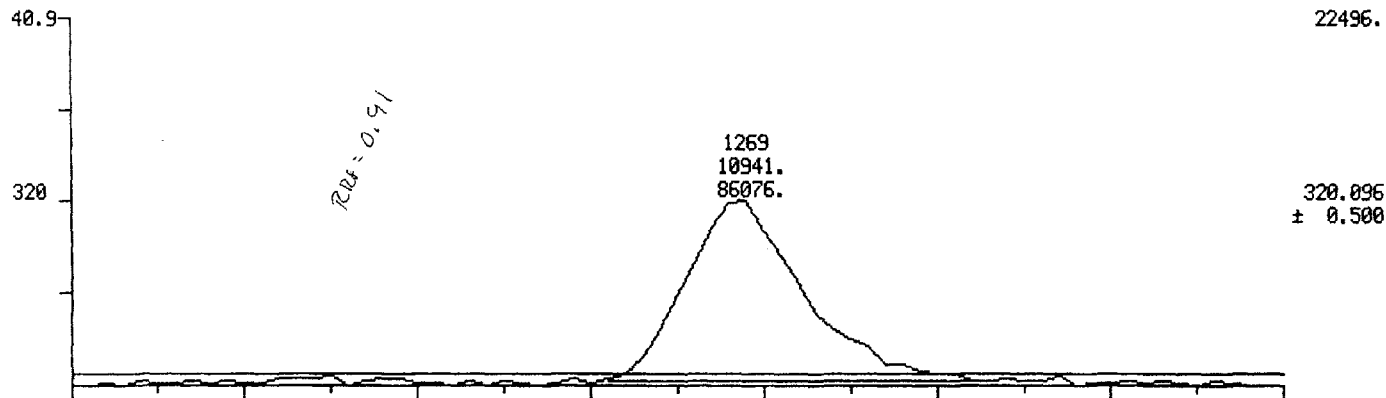
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1300 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840918I #1

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

DATA: DH5840919A #1

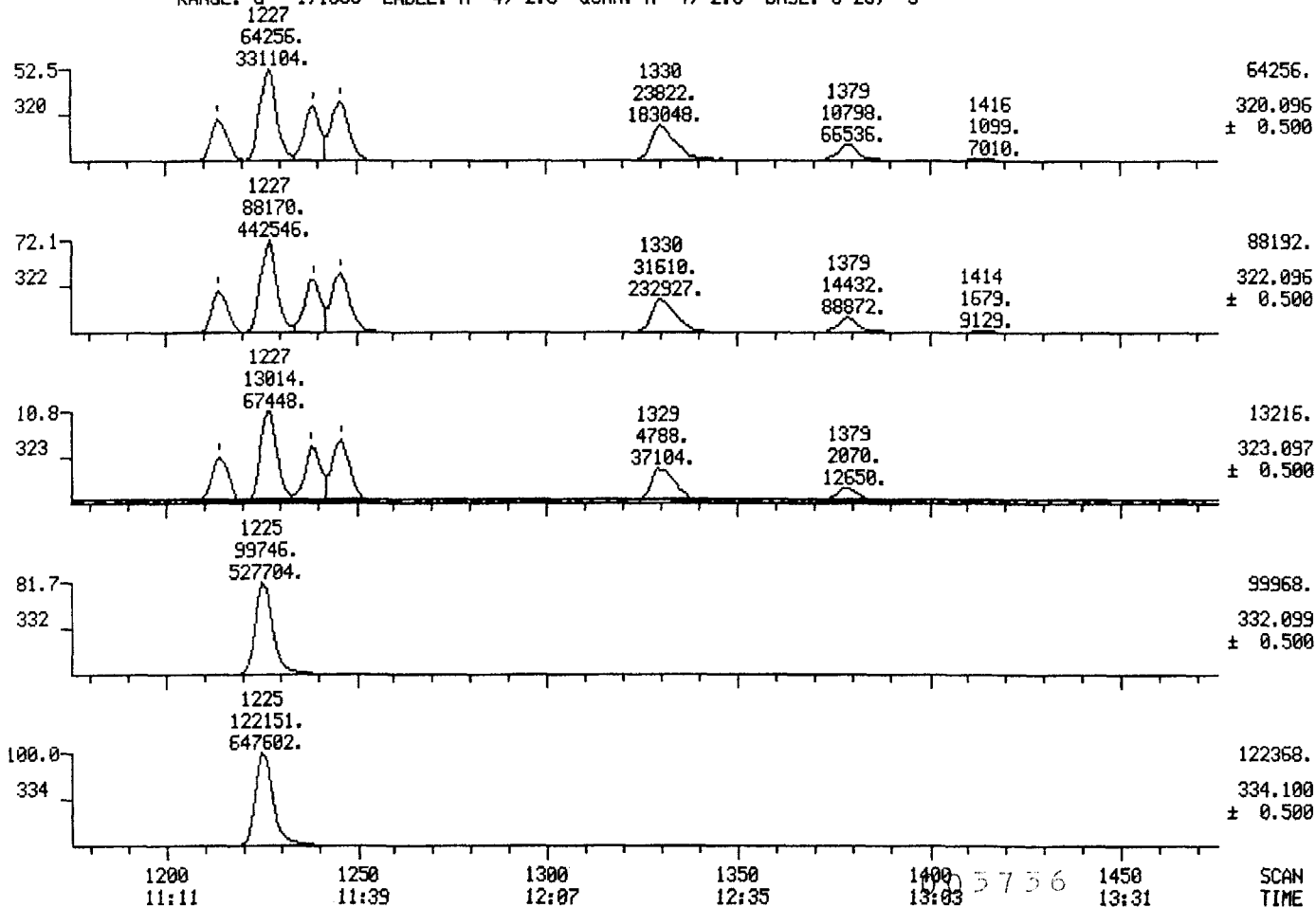
SCANS 1175 TO 1475

09/19/84 17:20:00

CALI: F5840919 #19

SAMPLE: 2UL OF CPSM

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 17:20:00

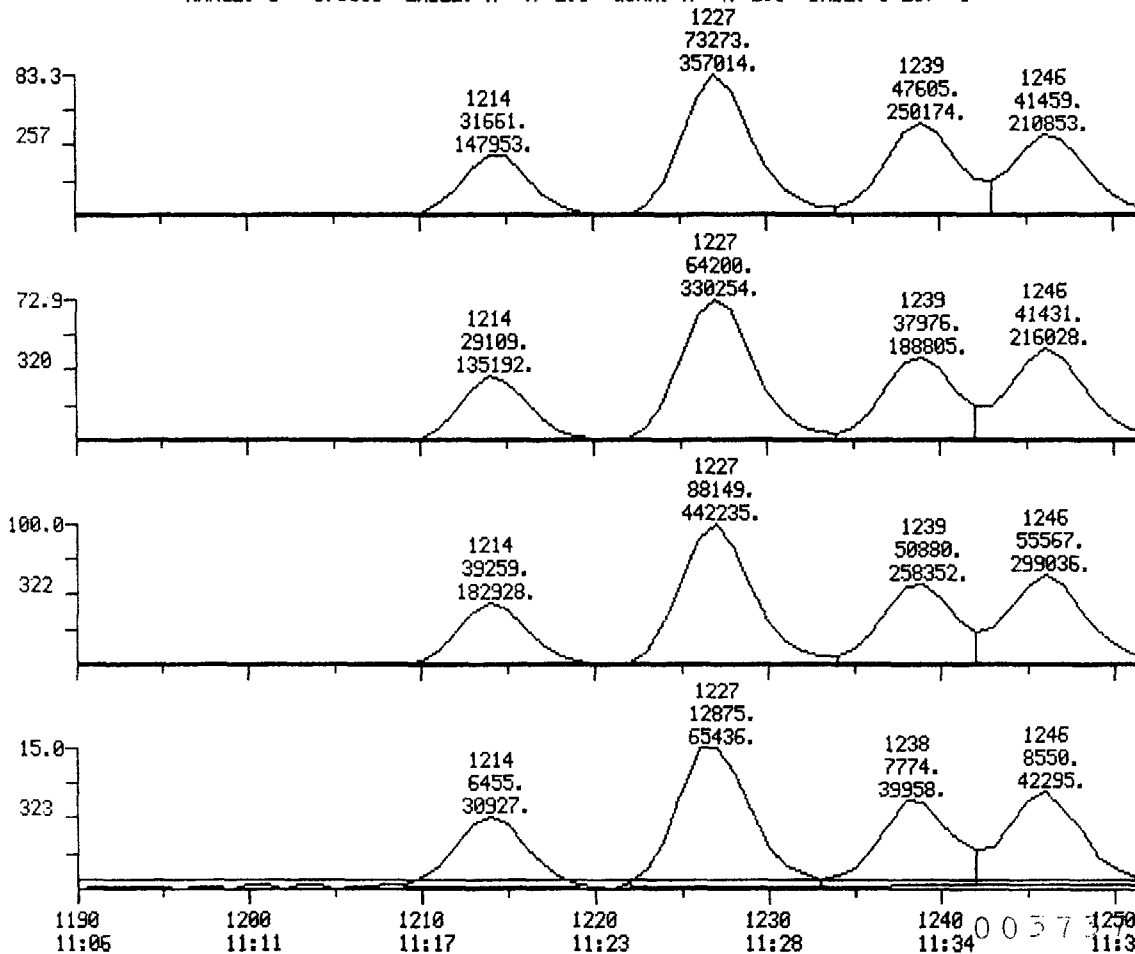
SAMPLE: 2UL OF CPSM

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919A #1

CALI: F5840919 #19

SC



MID MASS CHROMATOGRAMS

09/19/84 17:20:00

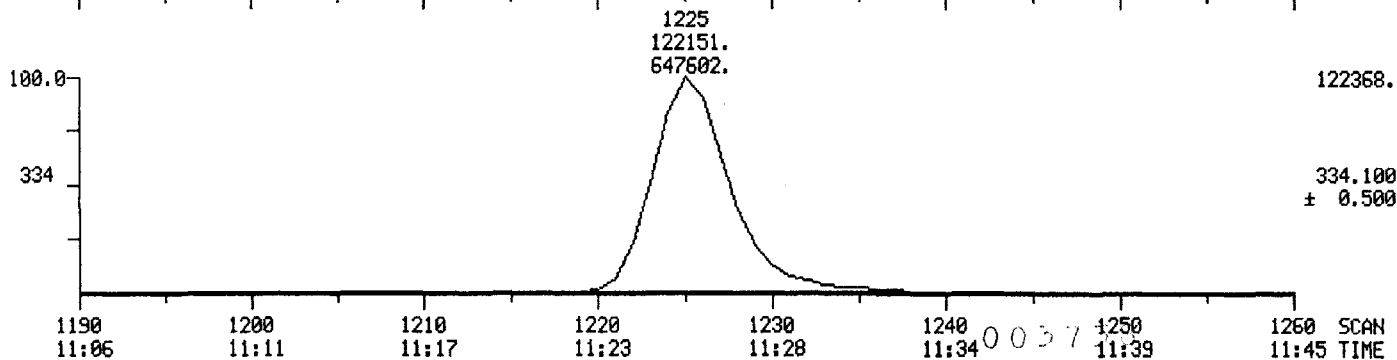
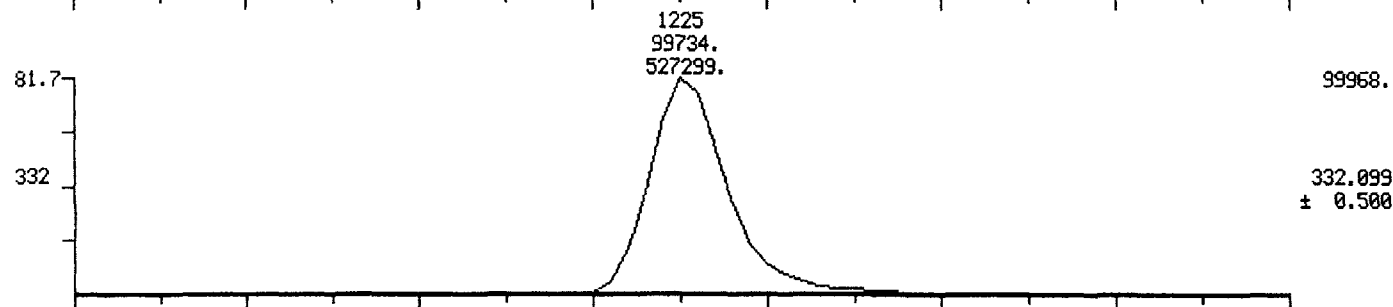
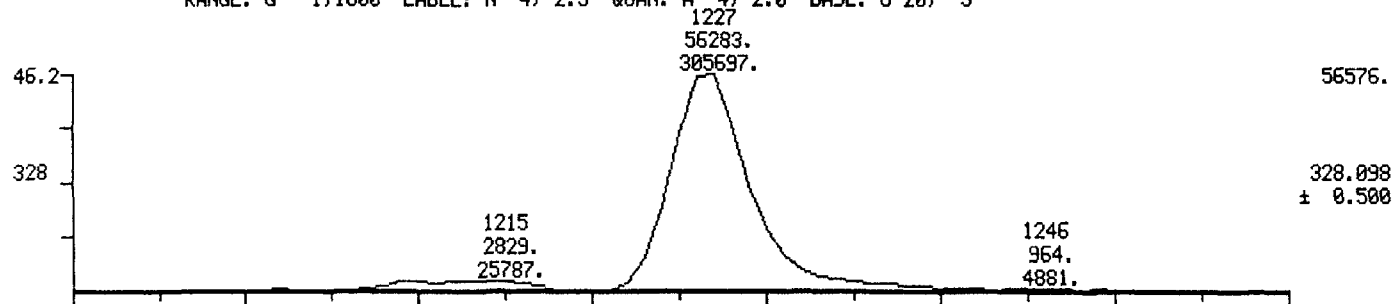
SAMPLE: 2UL OF CPSM

RANGE: G 1.1800 LABEL: N -4. 2.5 QUAN: A 4. 2.0 BASE: U 20. 3

DATA: DH5840919A #1

CALI: F5840919 #19

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

DATA: DH5840919A #1

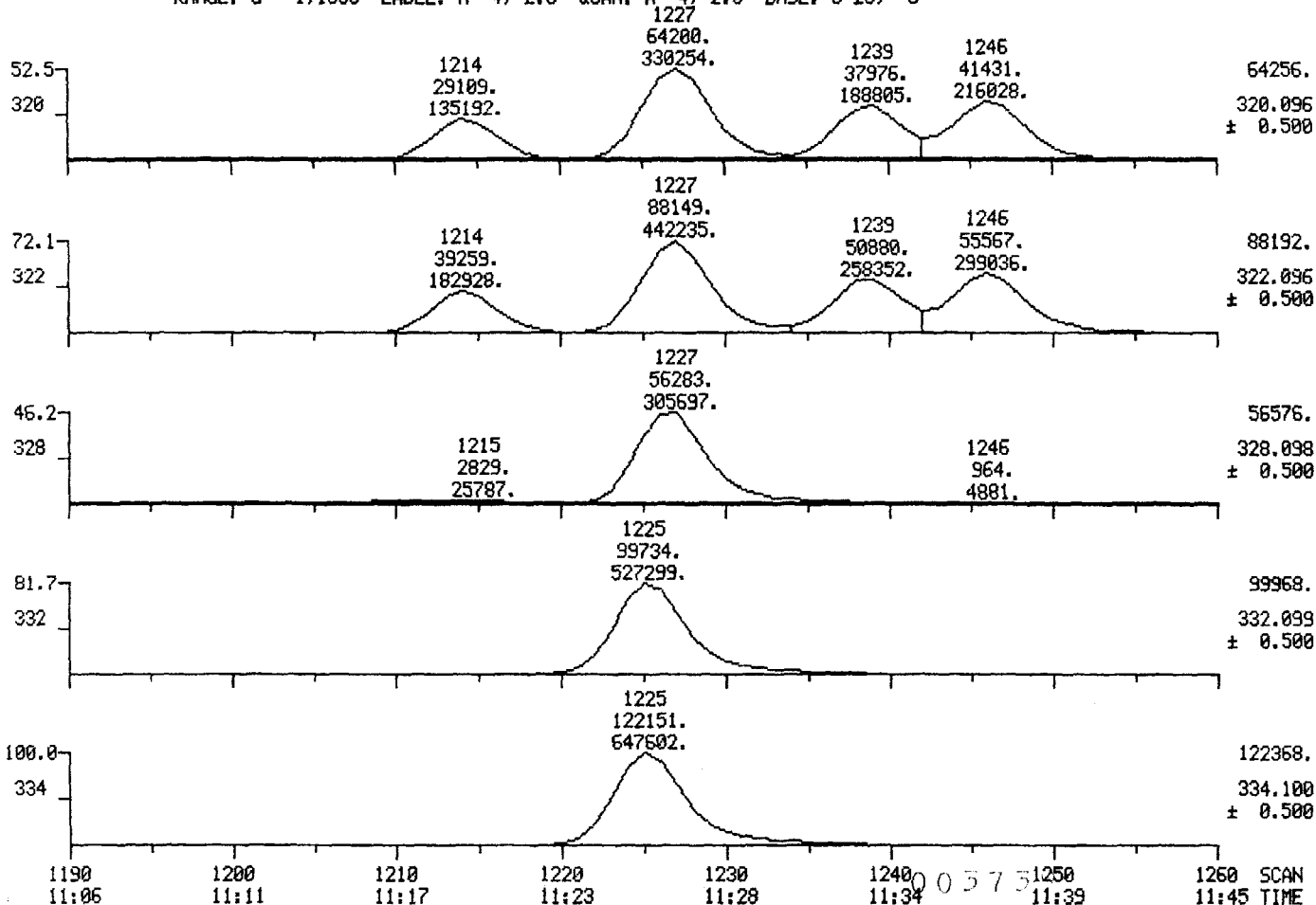
SCANS 1190 TO 1260

09/19/84 17:20:00

CALI: F5840919 #19

SAMPLE: 2UL OF CPSM

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 17:20:00

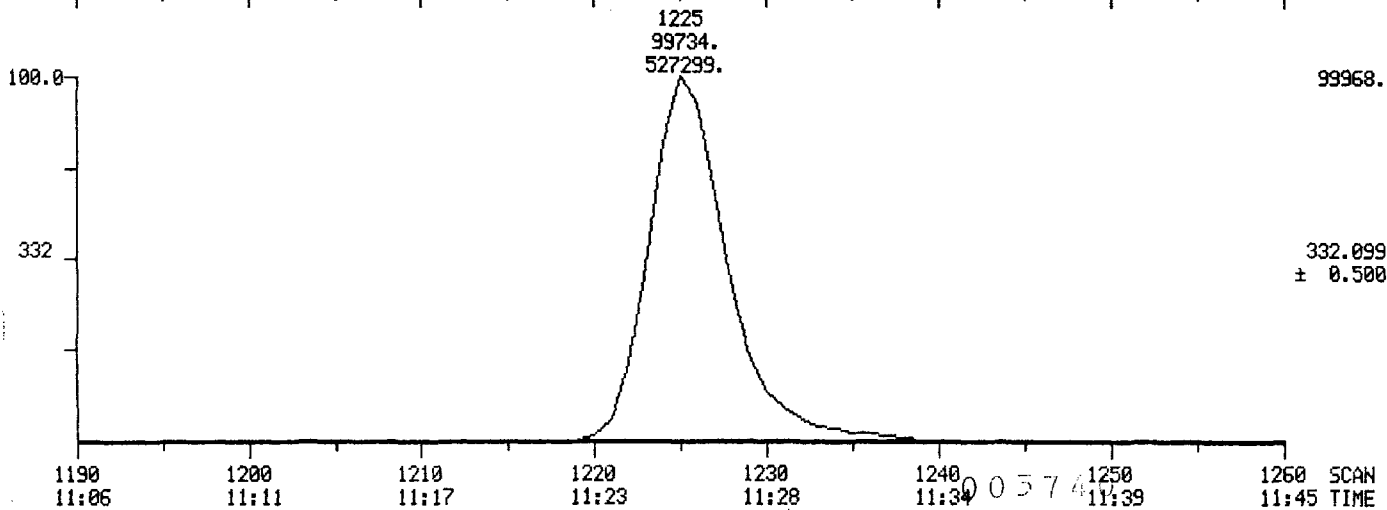
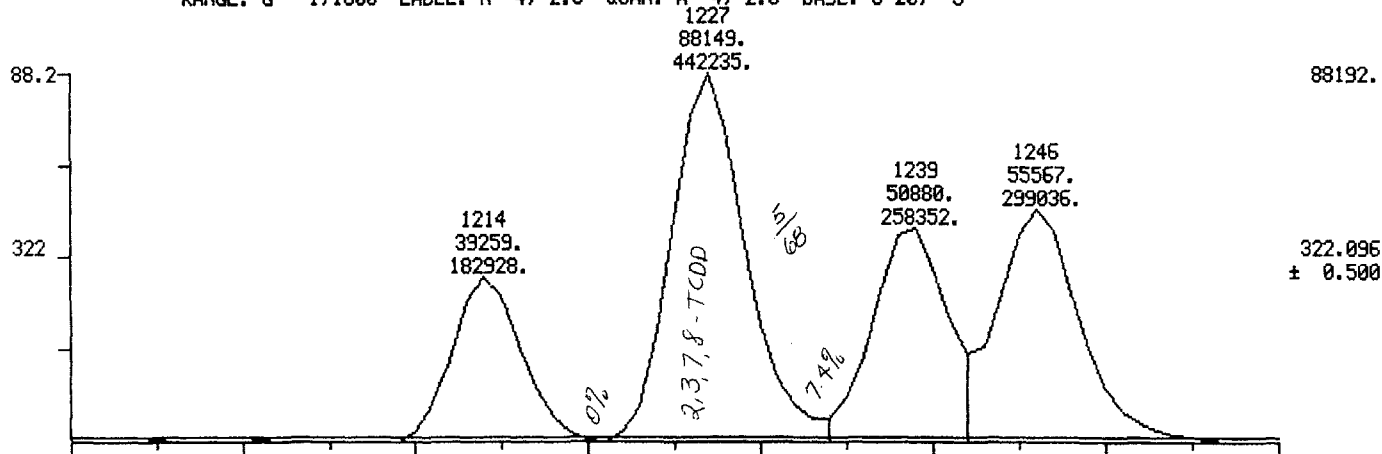
SAMPLE: 2UL OF CPSM

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919A #1

CALI: F5840919 #19

SCANS 1190 TO 1260



1190 1200 1210 1220 1230 1240 1250 1260 SCAN
11:06 11:11 11:17 11:23 11:28 11:34 11:39 11:45 TIME

MID MASS CHROMATOGRAMS

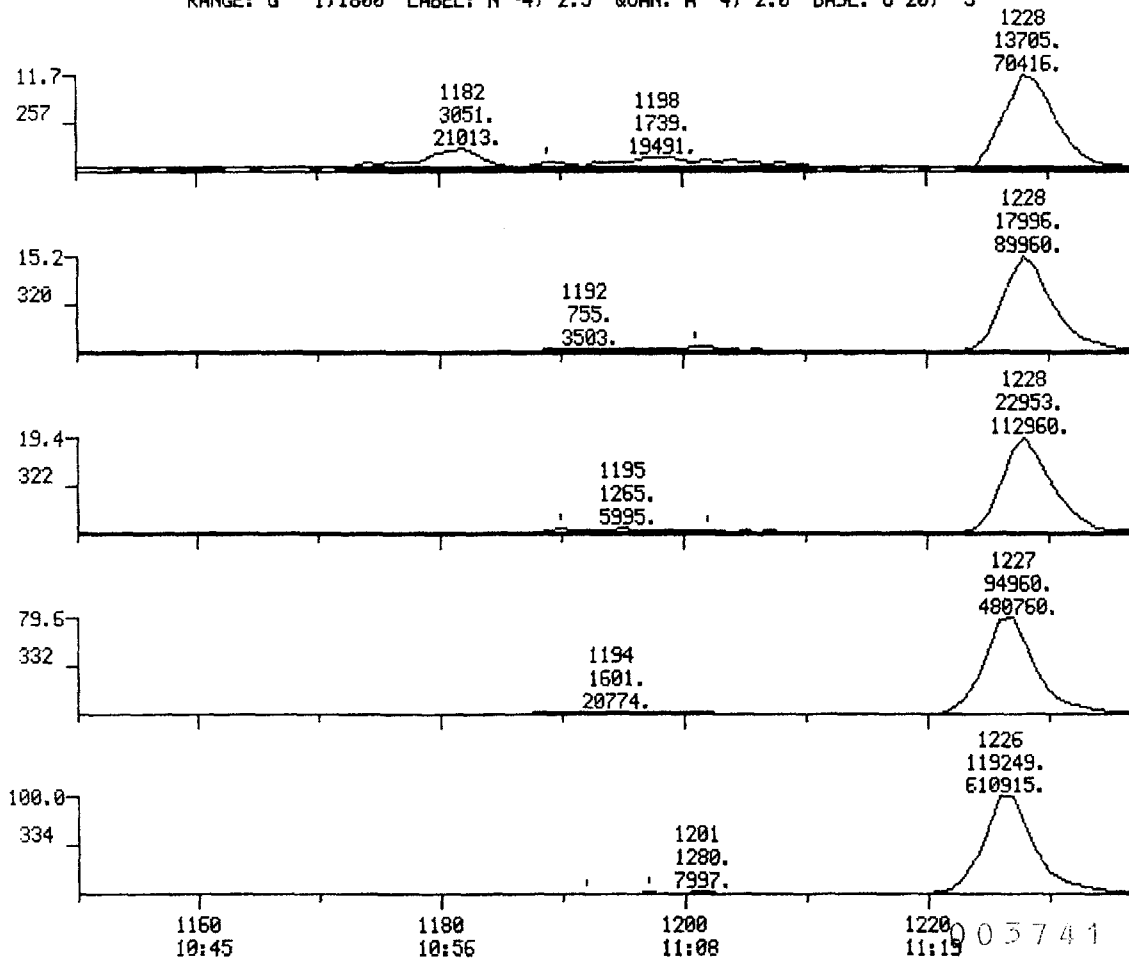
09/19/84 20:32:00

SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919A #1260

CALI: F5840919A #5



MID MASS CHROMATOGRAMS

09/19/84 20:32:00

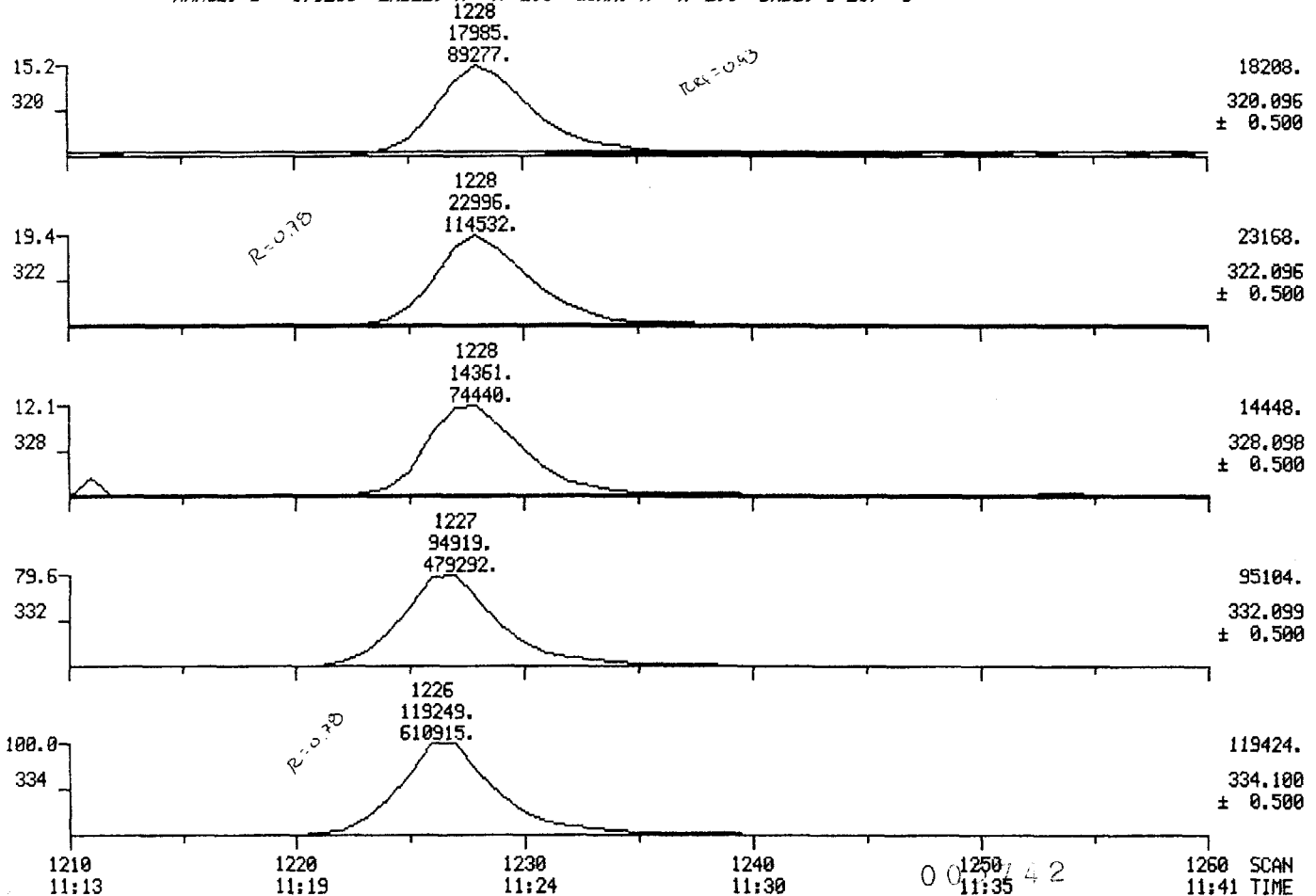
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919A #1260

SCANS 1210 TO 1260

CALI: F5840919A #5



MID MASS CHROMATOGRAMS

DATA: ST5840919A #1260

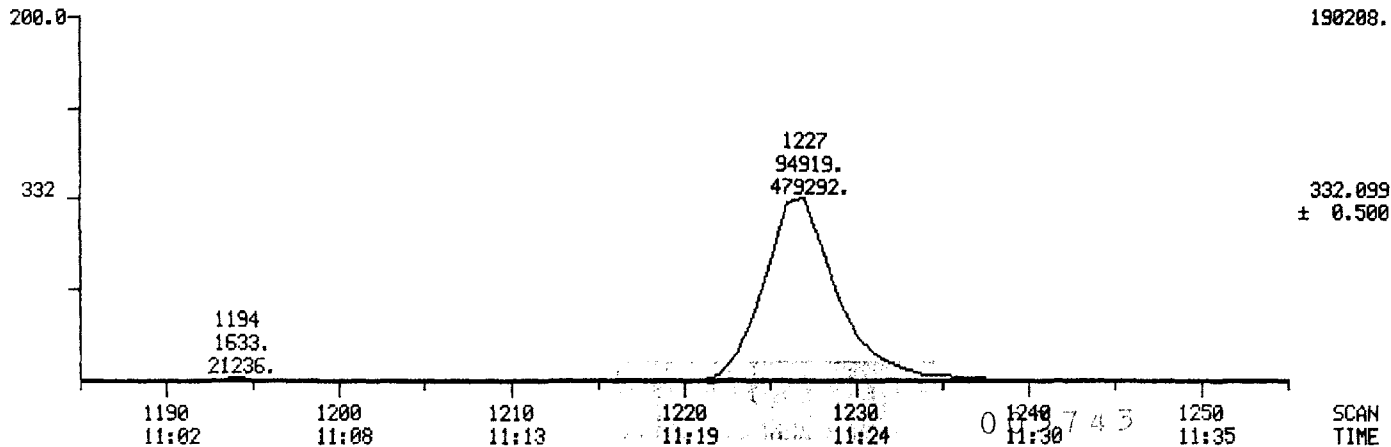
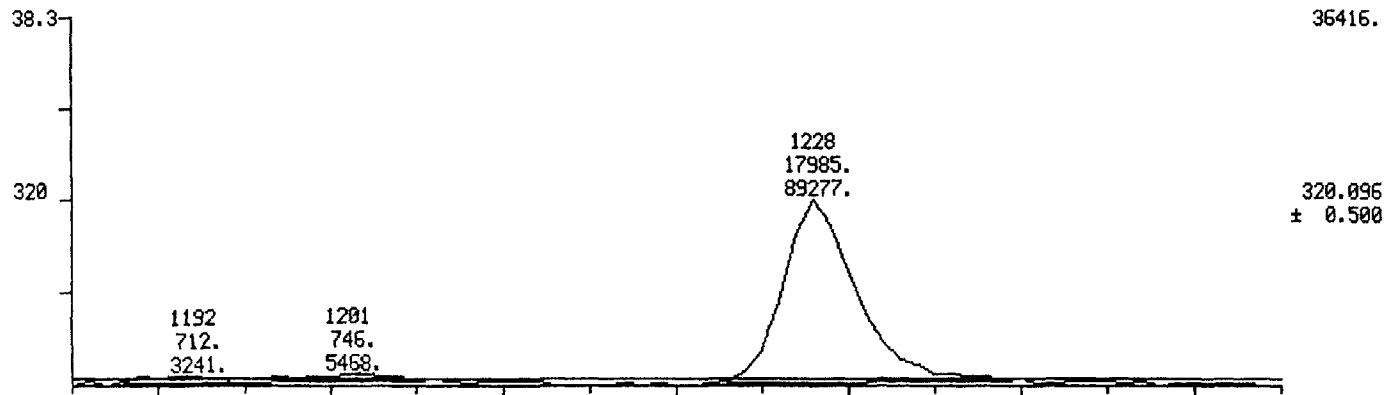
SCANS 1185 TO 1255

09/19/84 20:32:00

CALI: F5840919A #5

SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 22:31:00

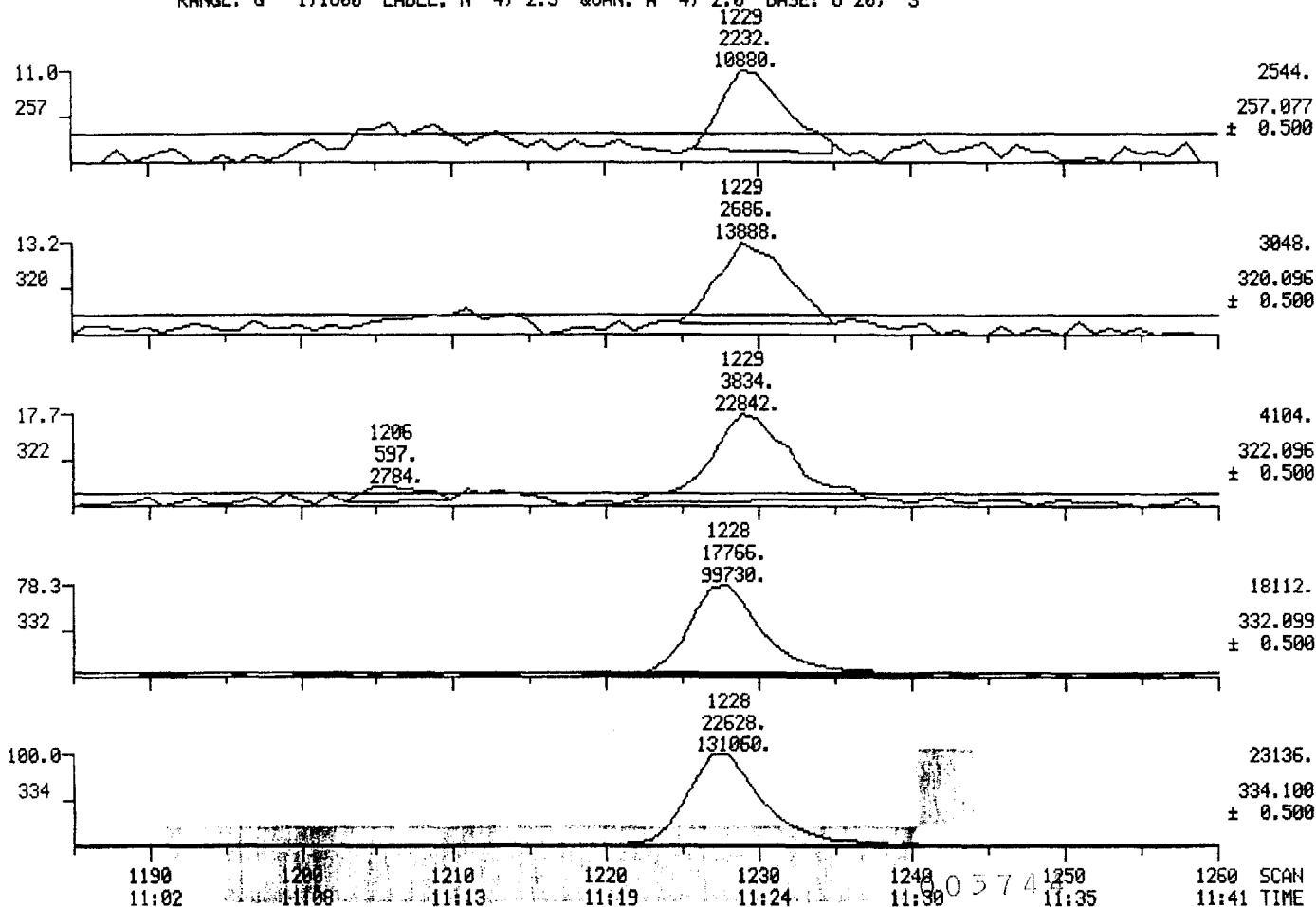
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919B #1

CALI: F5840919A #5

SCANS 1185 TO 1260



MID MASS CHROMATOGRAMS

09/19/84 22:31:00

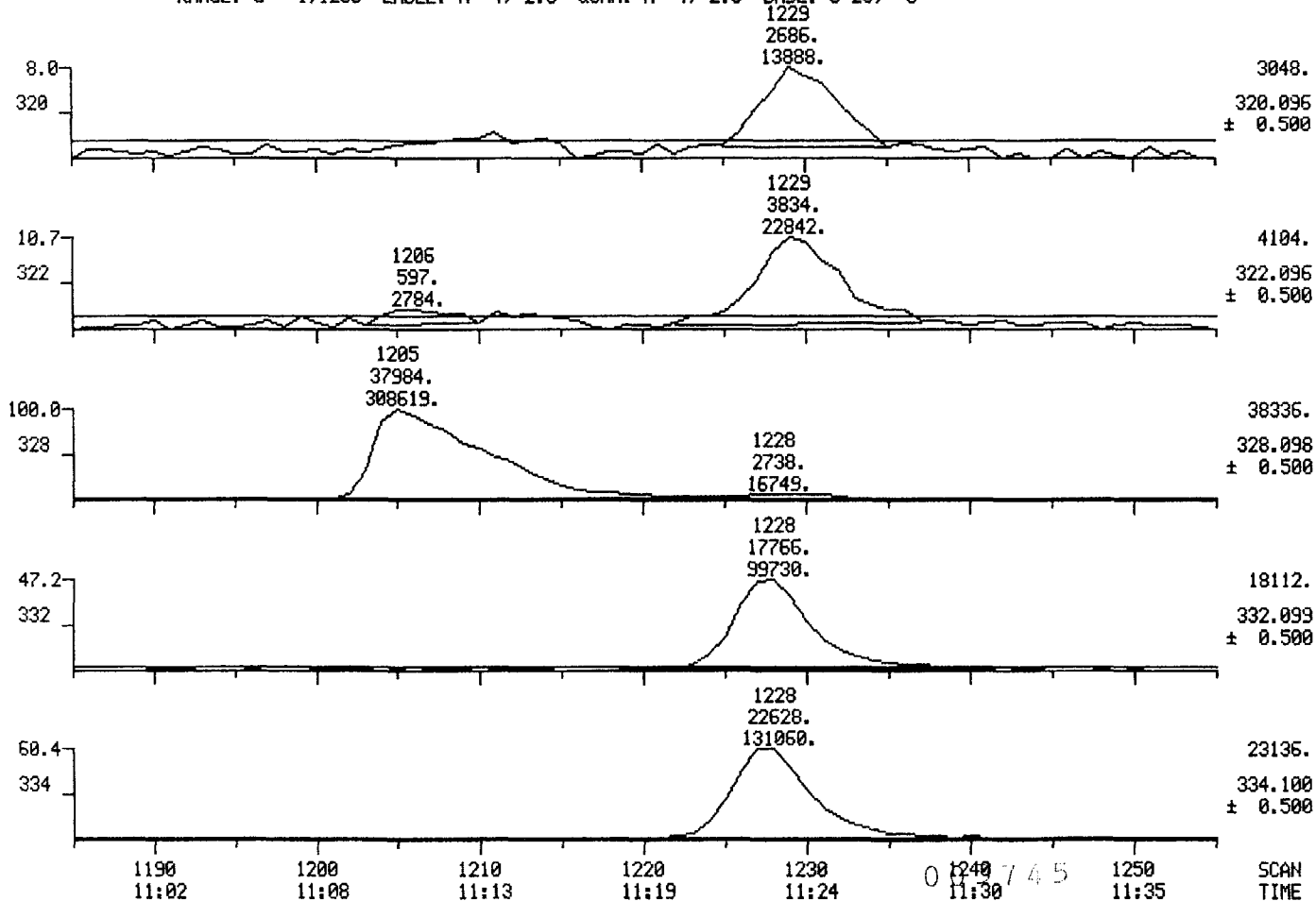
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1,1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919B #1

CALI: F5840919A #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/19/84 22:31:00

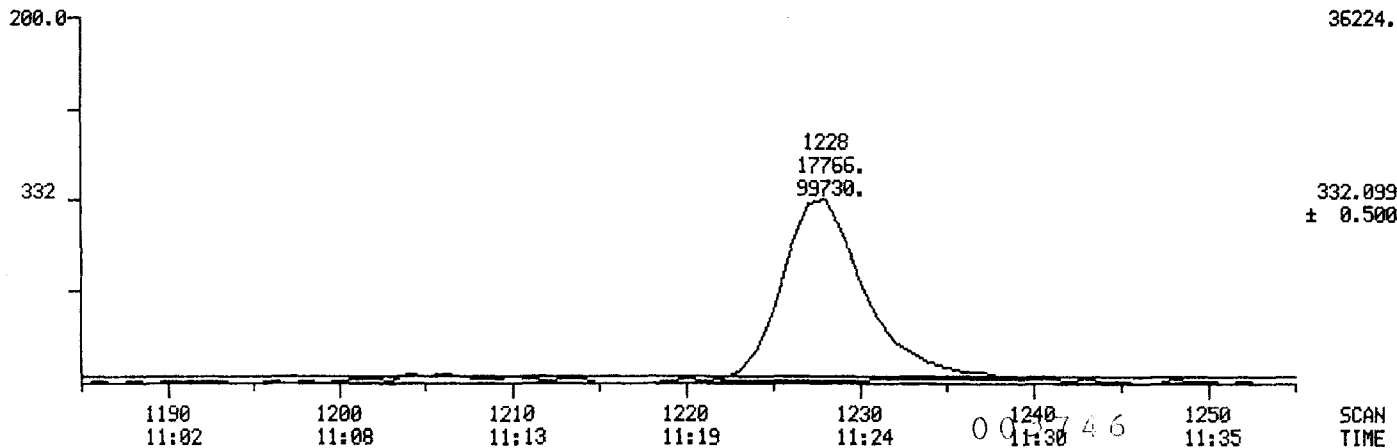
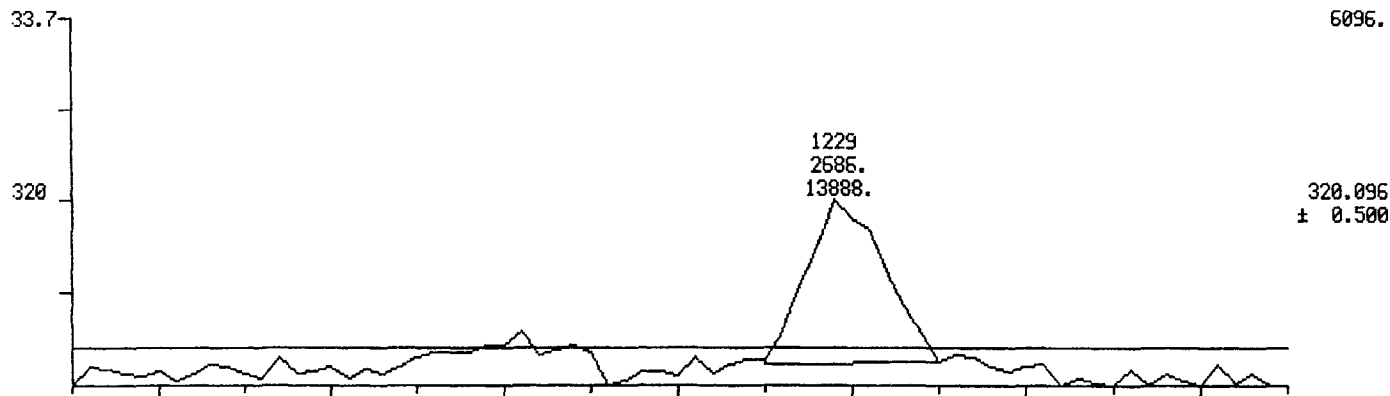
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1260 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919B #1

CALI: F5840919A #5

SCANS 1185 TO 1255



SCAN
TIME

MID MASS CHROMATOGRAMS

09/19/84 22:51:00

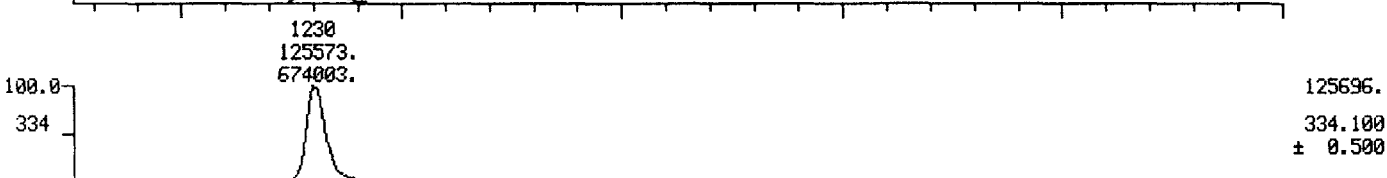
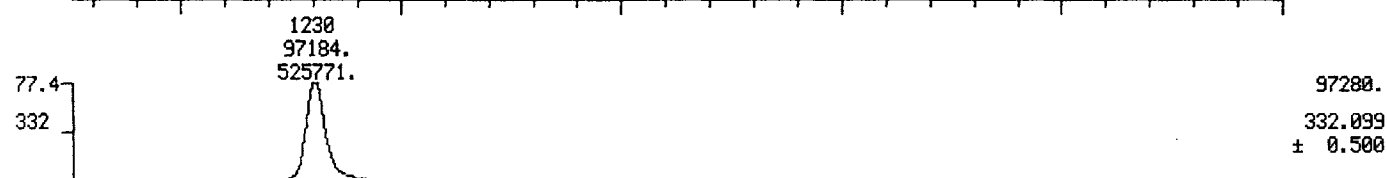
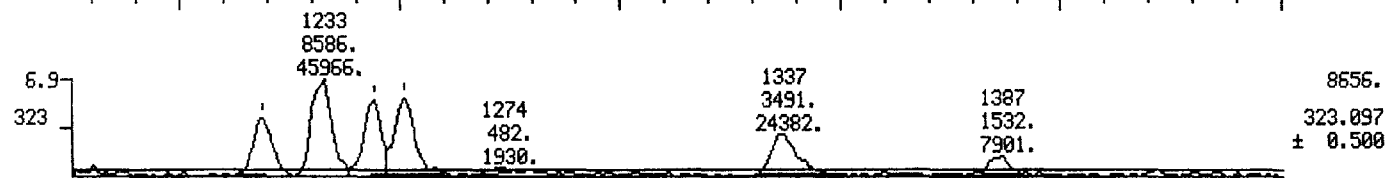
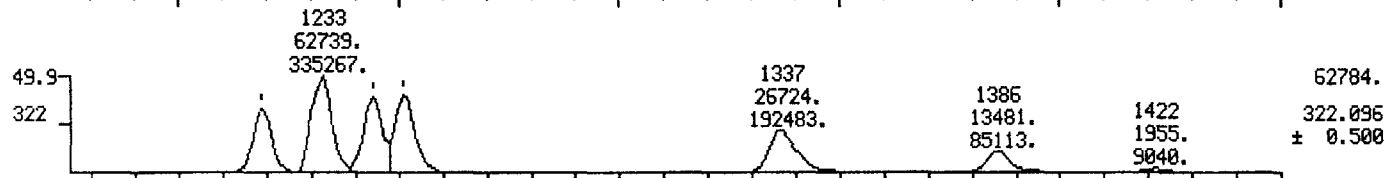
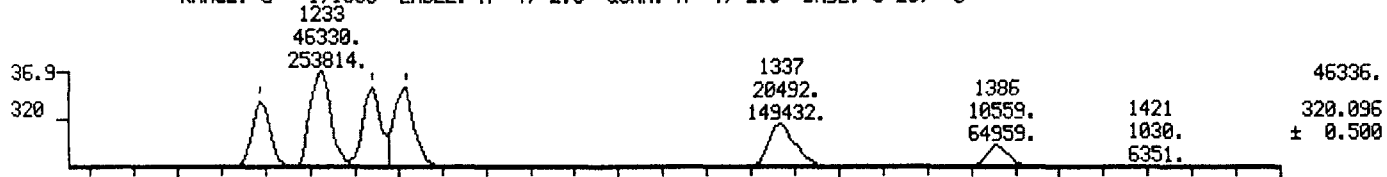
SAMPLE: ZUL OF CPSM

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919B #1

CALI: F5840919A #5

SCANS 1175 TO 1450



MID MASS CHROMATOGRAMS

09/19/84 22:51:00

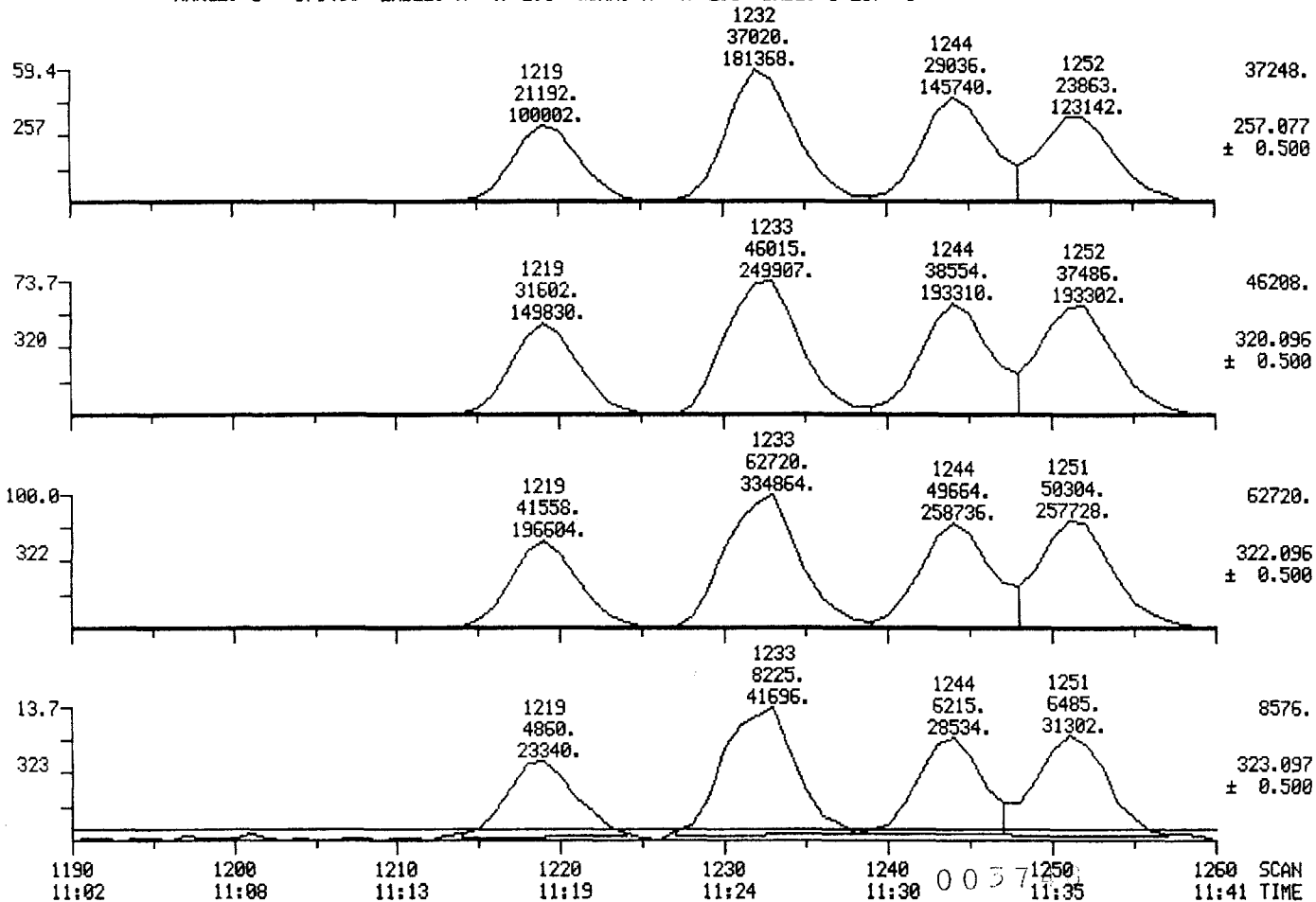
SAMPLE: 2UL OF CPSM

RANGE: G 1,1450 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919B #1

CALI: F5840919A #5

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/19/84 22:51:00

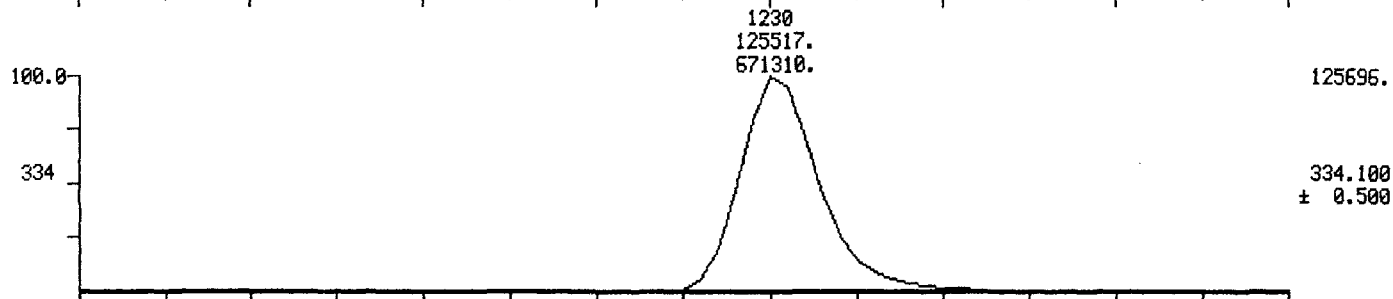
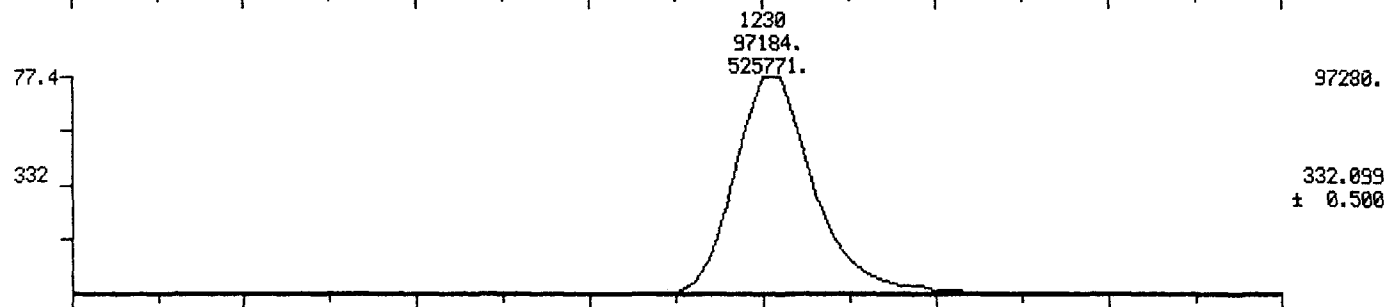
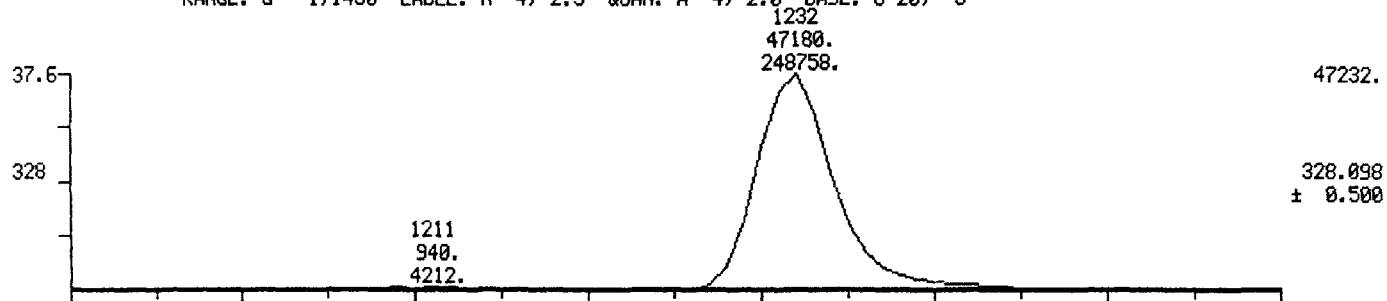
SAMPLE: 2UL OF CPSM

RANGE: G 1.1450 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919B #1

CALI: F5840919A #5

SCANS 1190 TO 1260



1190 1200 1210 1220 1230 1240 1250 1260 SCAN
11:02 11:08 11:13 11:19 11:24 11:30 11:35 11:41 TIME

0 0 3 7

MID MASS CHROMATOGRAMS

09/19/84 22:51:00

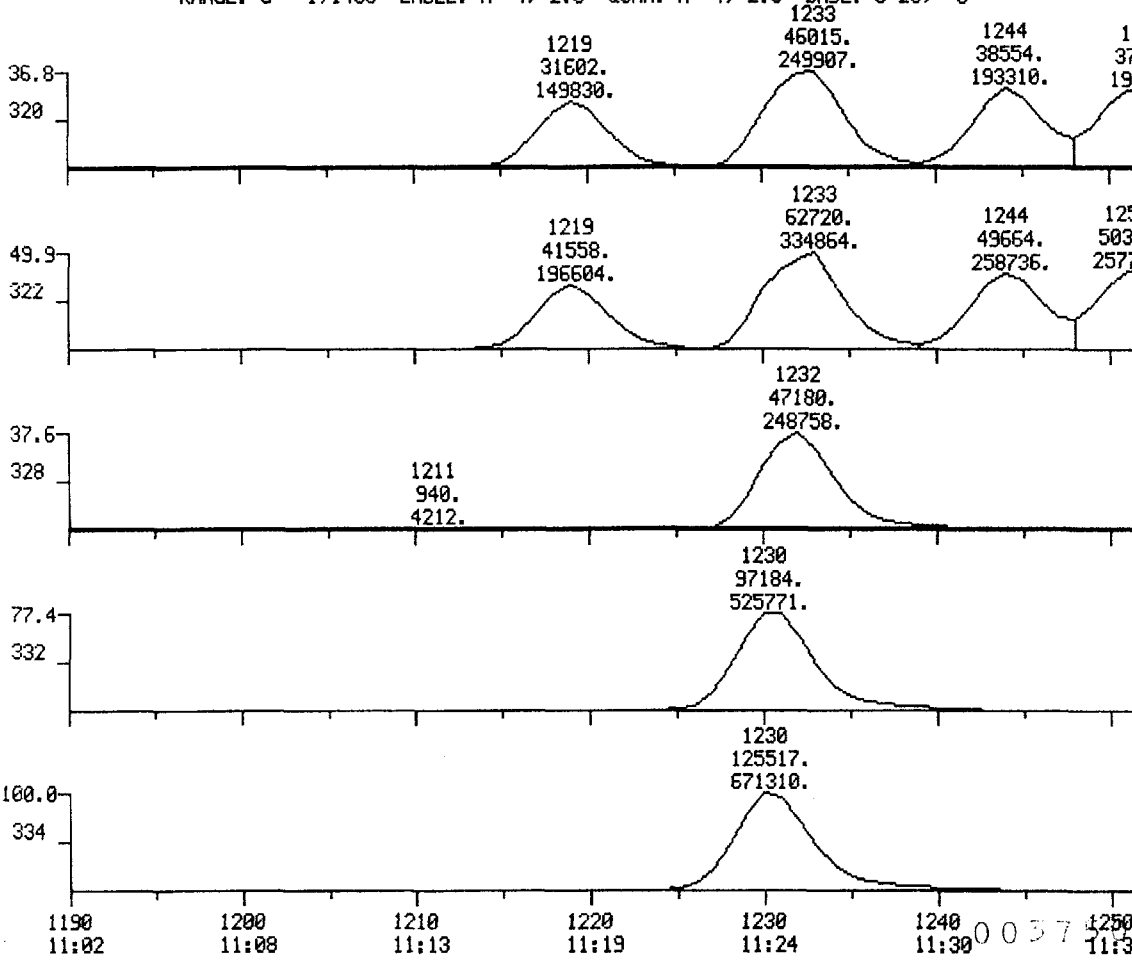
SAMPLE: 2UL OF CPSM

RANGE: G 1.1450 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919B #1

CALI: F5840919A #5

SC



MID MASS CHROMATOGRAMS

09/19/84 22:51:00

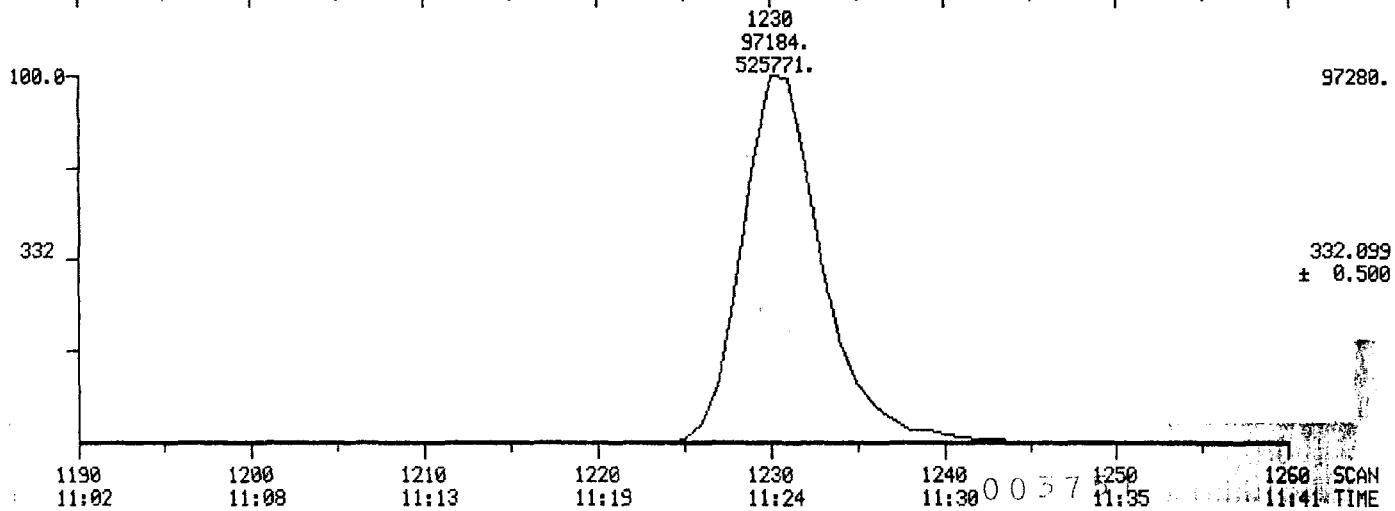
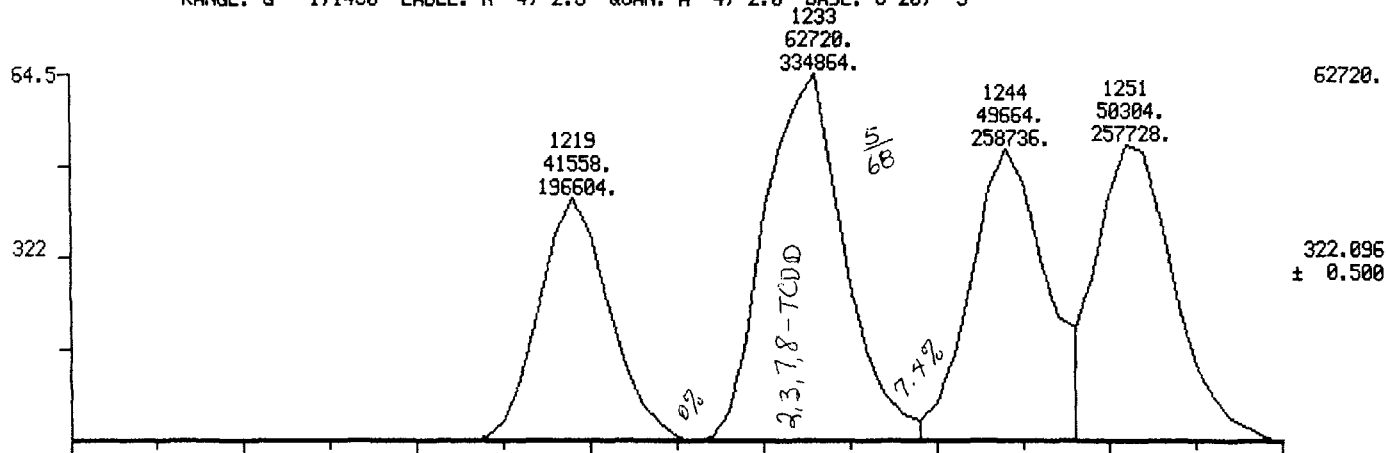
SAMPLE: 2UL OF CPSM

RANGE: G 1.1450 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840919B #1

CALI: F5840919A #5

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/19/84 23:14:00

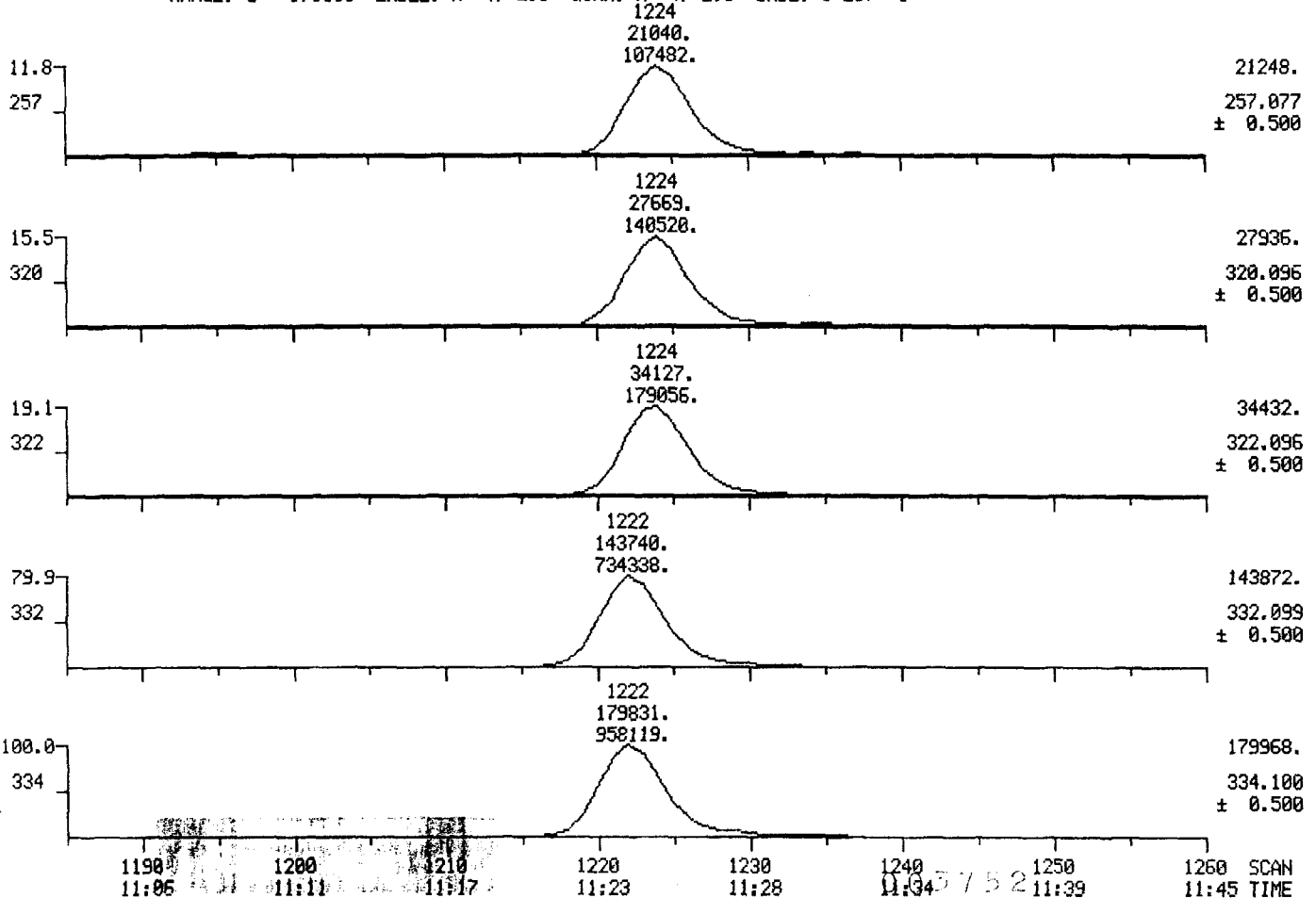
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919C #1

CALI: F5840919B #5

SCANS 1185 TO 1260



MID MASS CHROMATOGRAMS

09/19/84 23:14:00

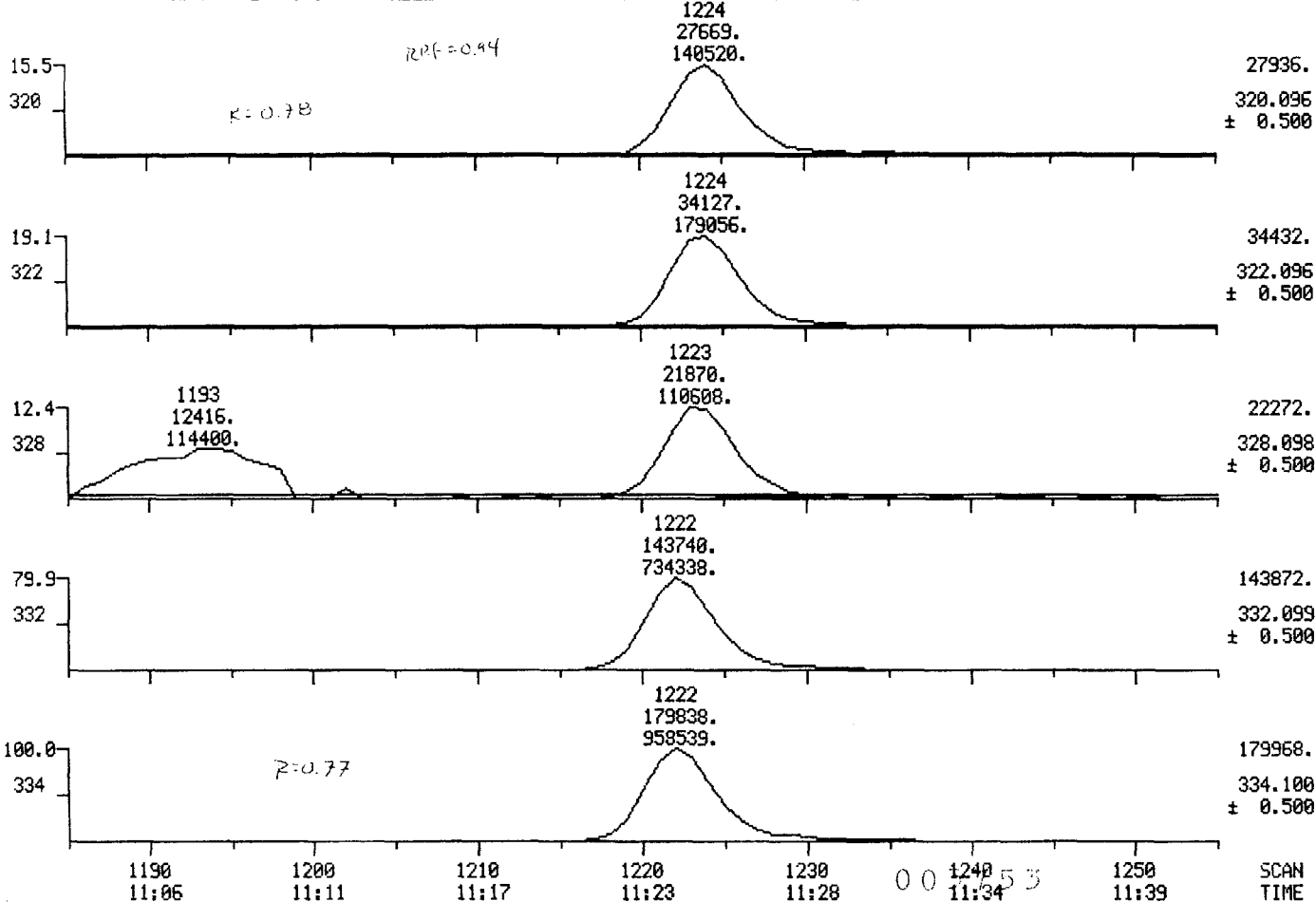
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1250 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919C #1

CALI: F5840919B #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/19/84 23:14:00

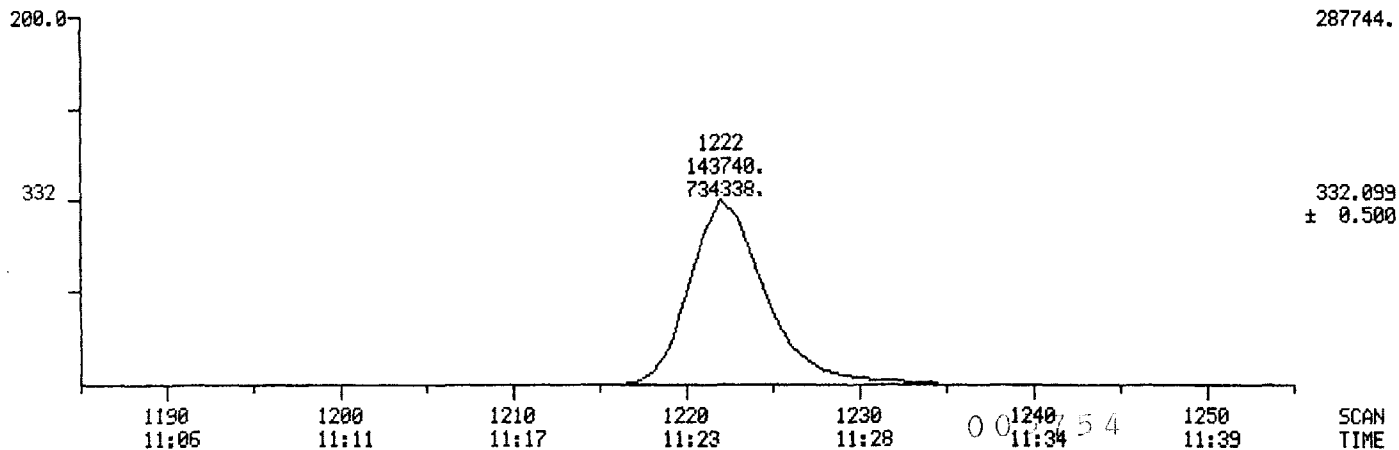
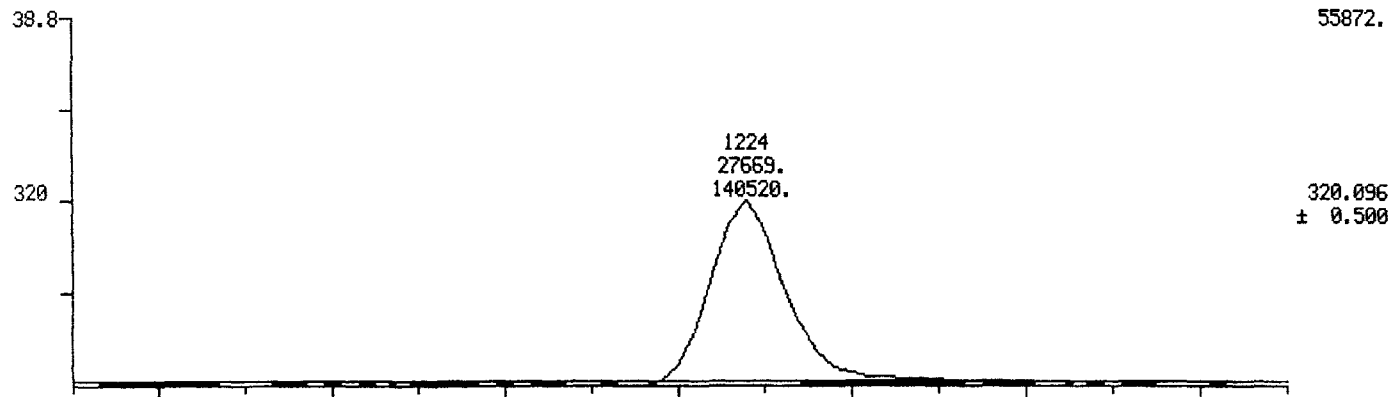
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI #1

RANGE: G 1.1260 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840919C #1

CALI: F5840919B #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

DATA: DH5840920 #1

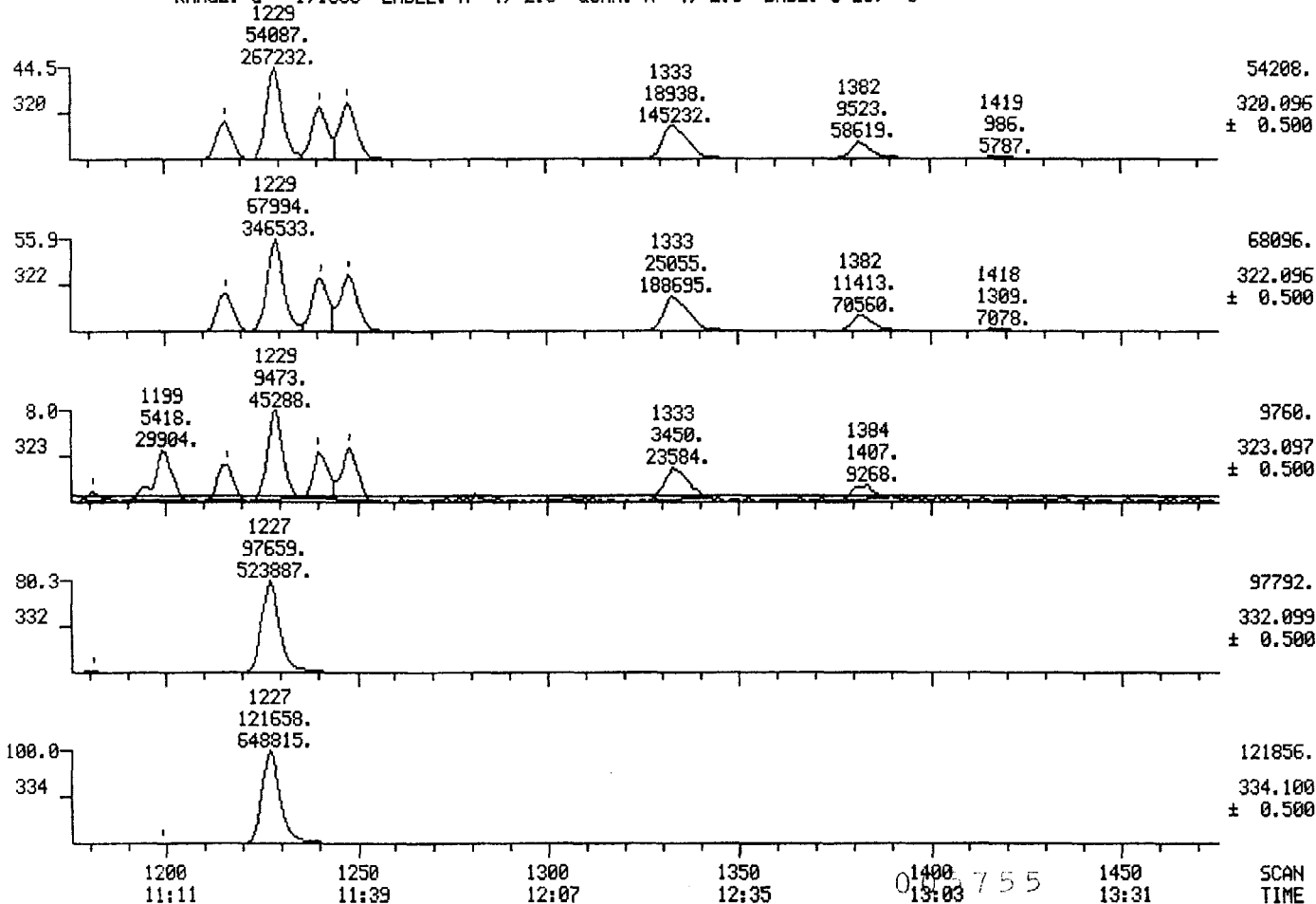
SCANS 1175 TO 1475

09/20/84 7:01:00

CALI: F5840920 #10

SAMPLE: 2UL OF CPSM

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 7:01:00

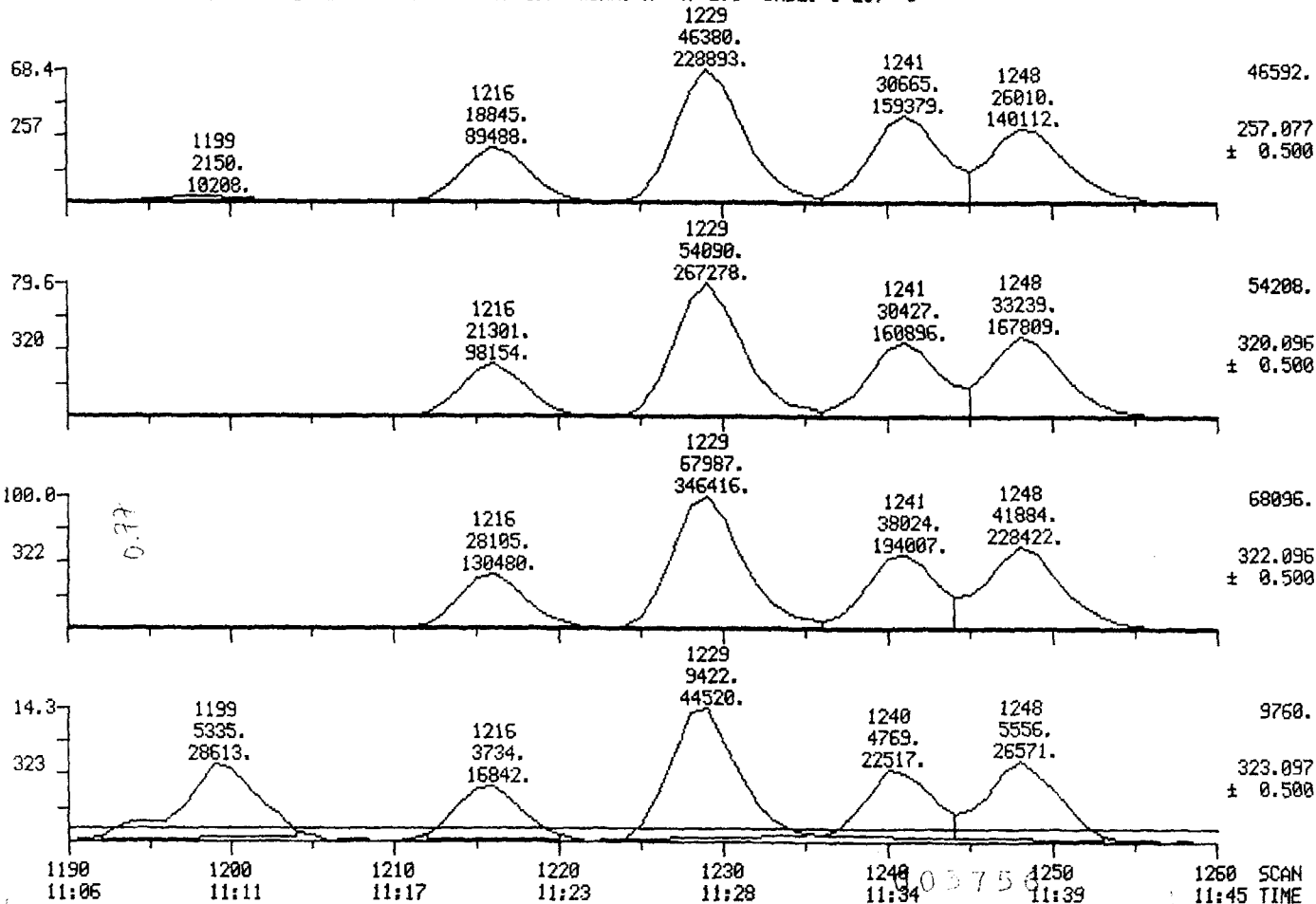
SAMPLE: ZUL OF CPSM

RANGE: G 1.1545 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 7:01:00

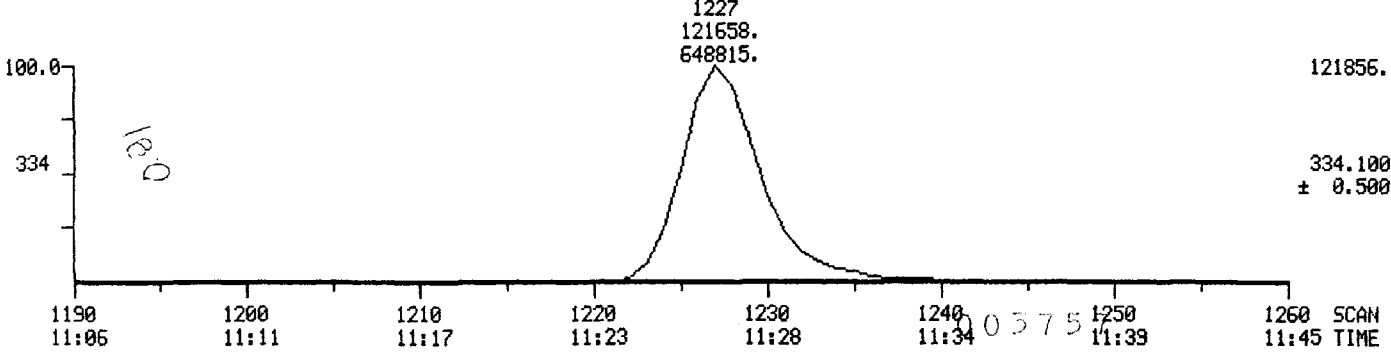
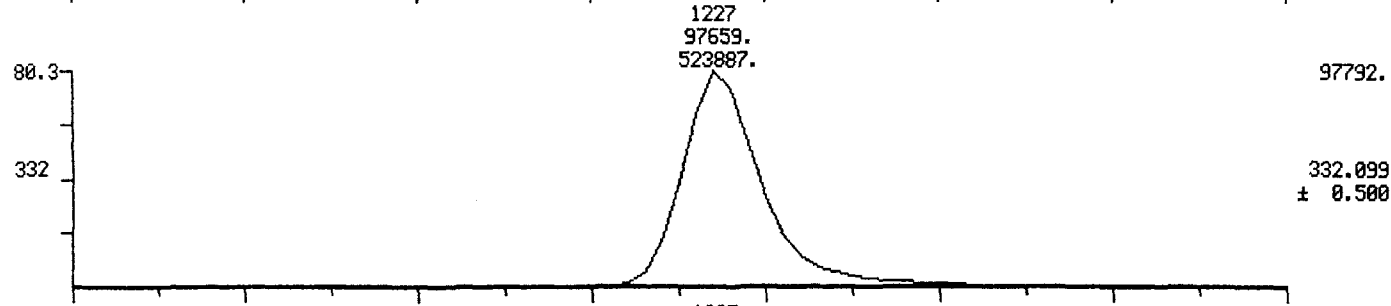
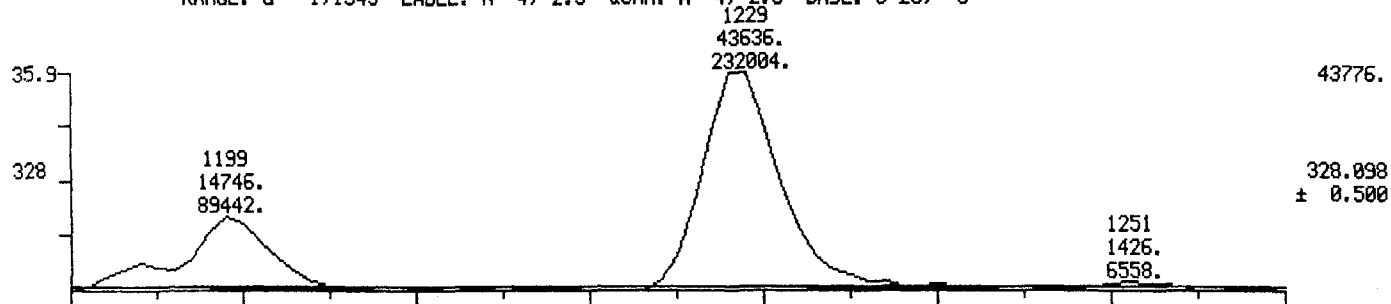
SAMPLE: 2UL OF CPSM

RANGE: G 1.1545 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 7:01:00

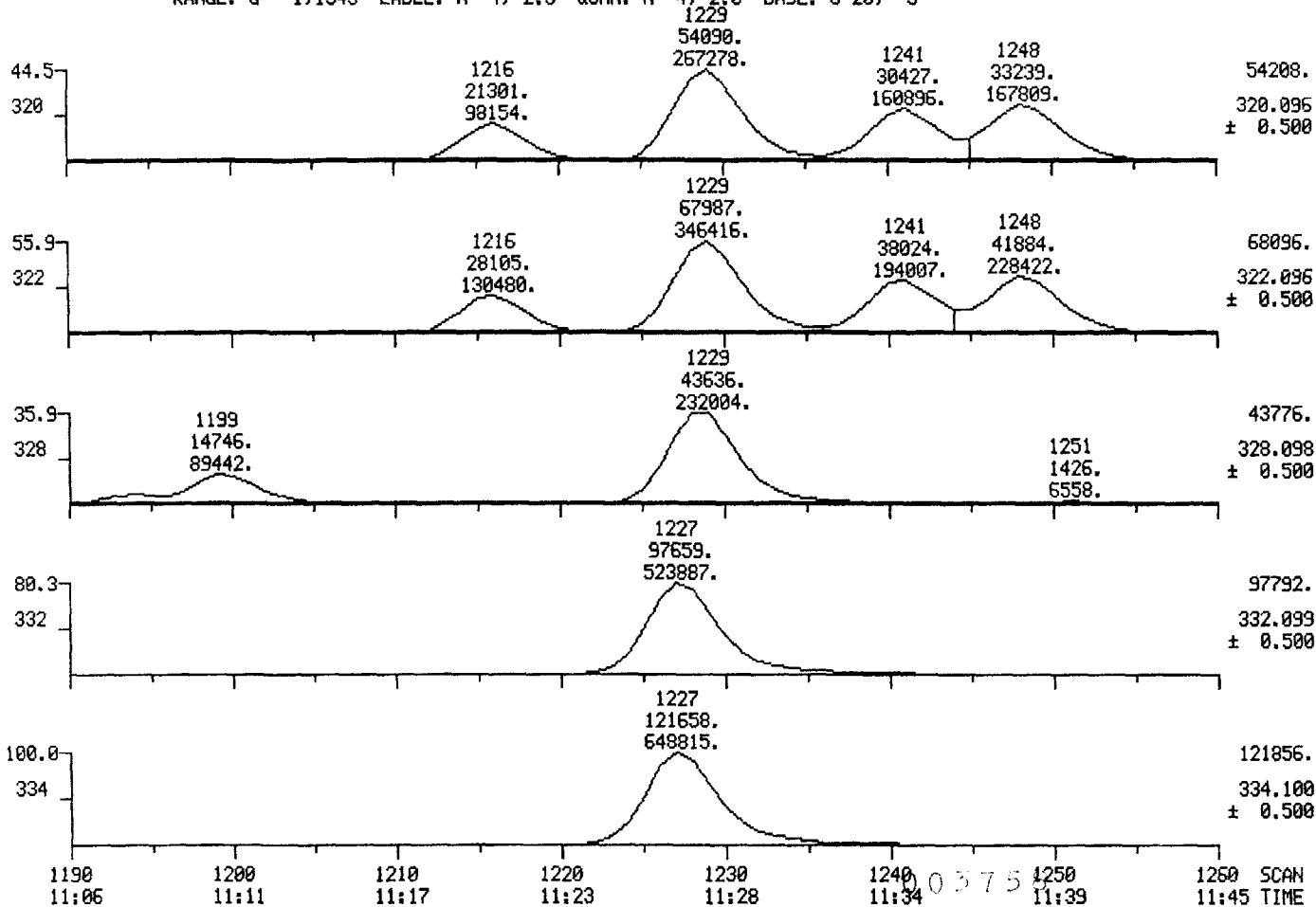
SAMPLE: 2UL OF CPSM

RANGE: G 1.1545 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 7:01:00

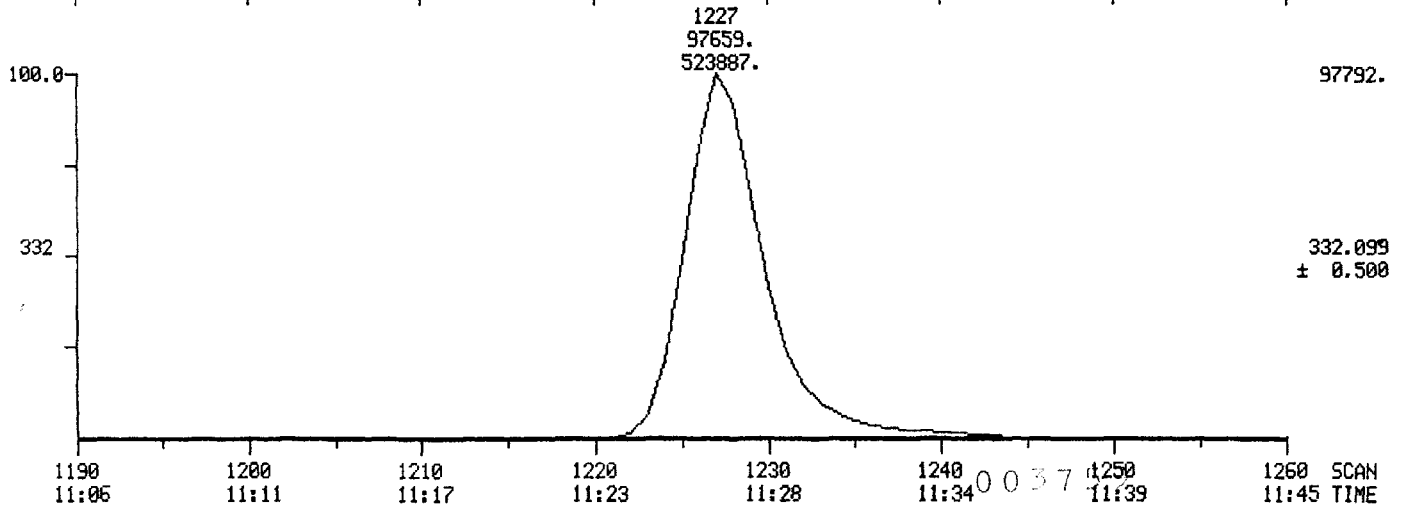
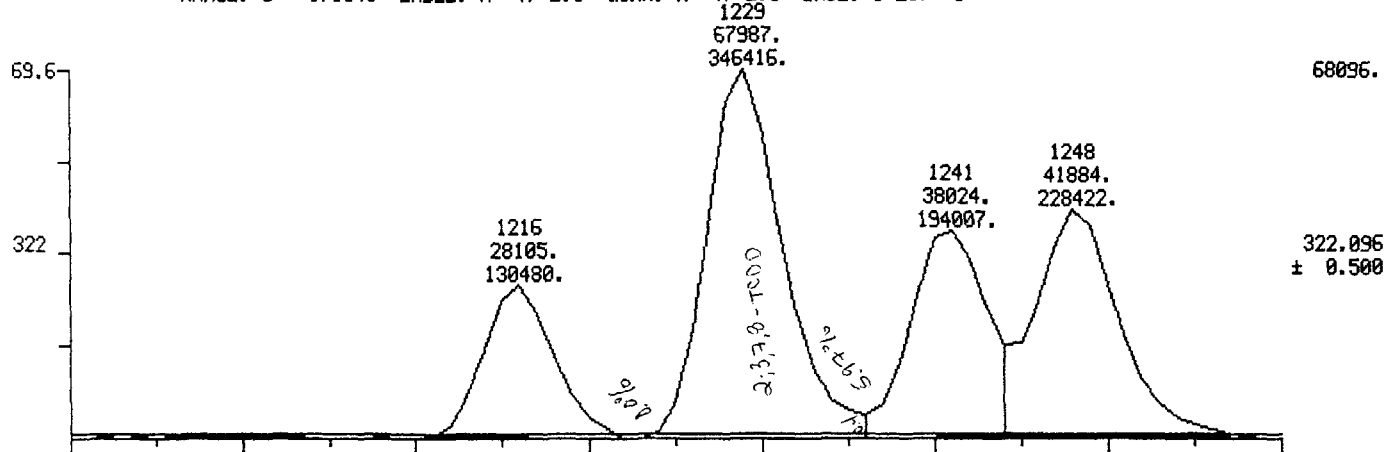
SAMPLE: 2UL OF CPSM

RANGE: G 1.1545 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920 #1

CAL1: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 7:32:00

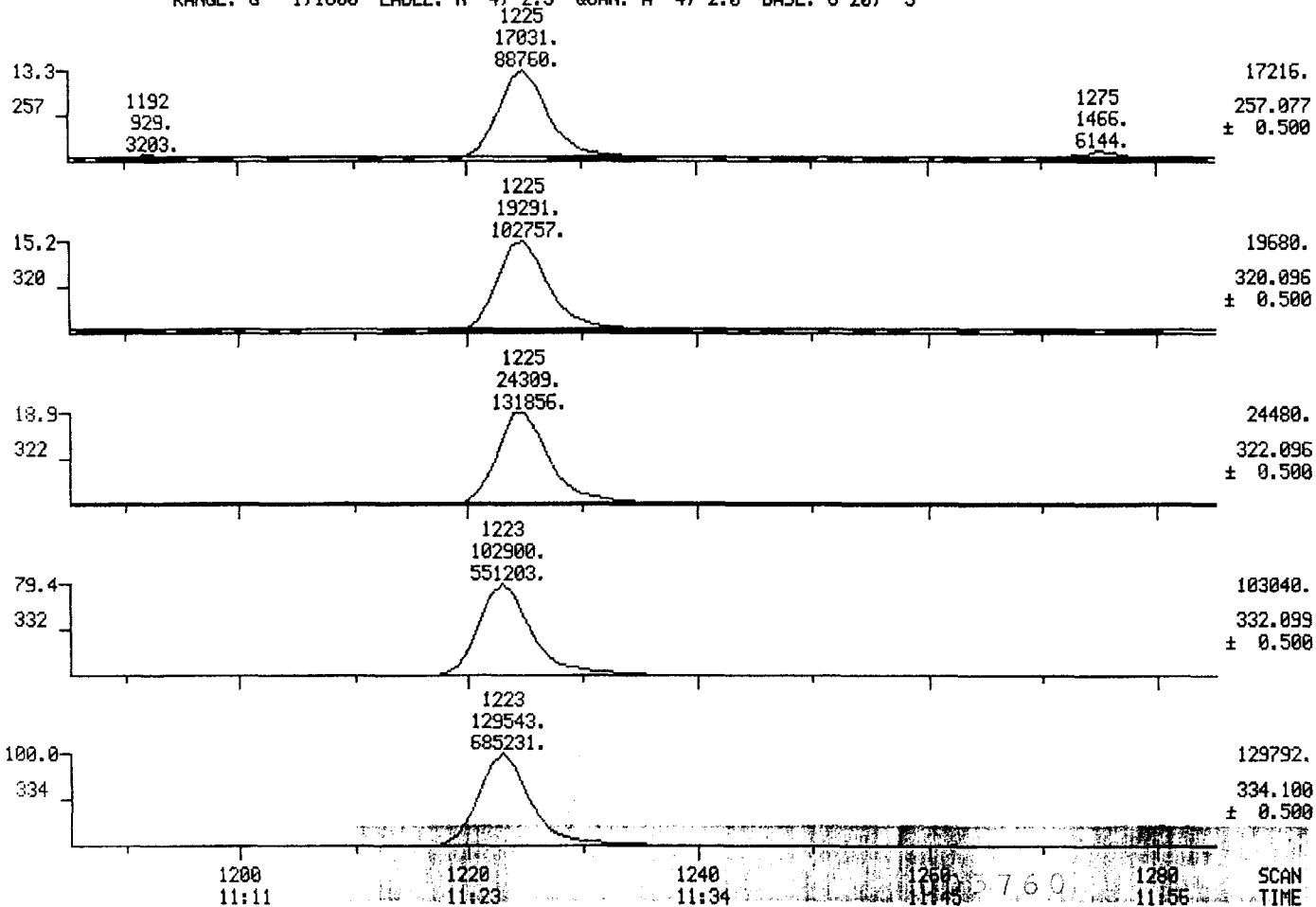
SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 7:32:00

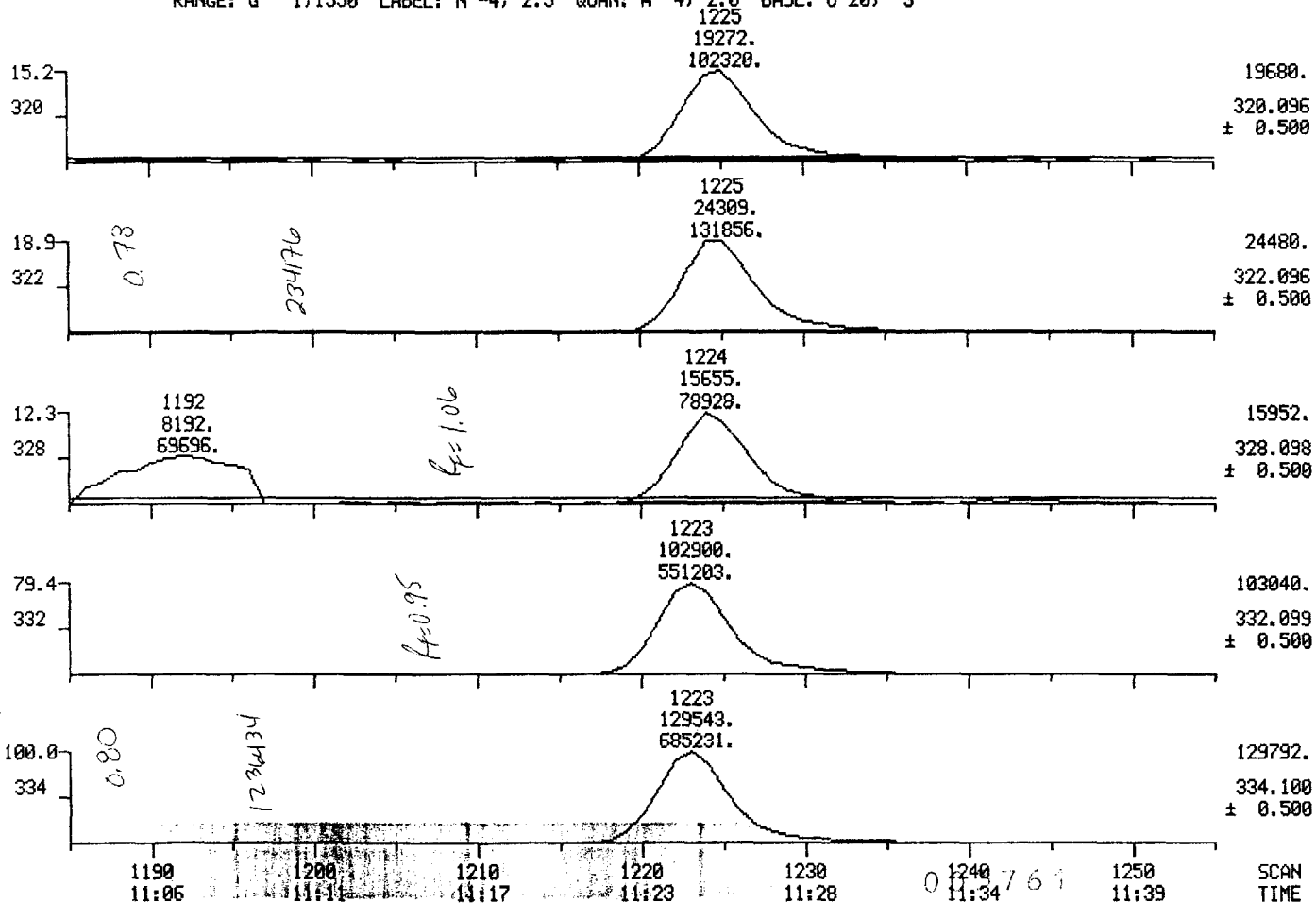
SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 7:32:00

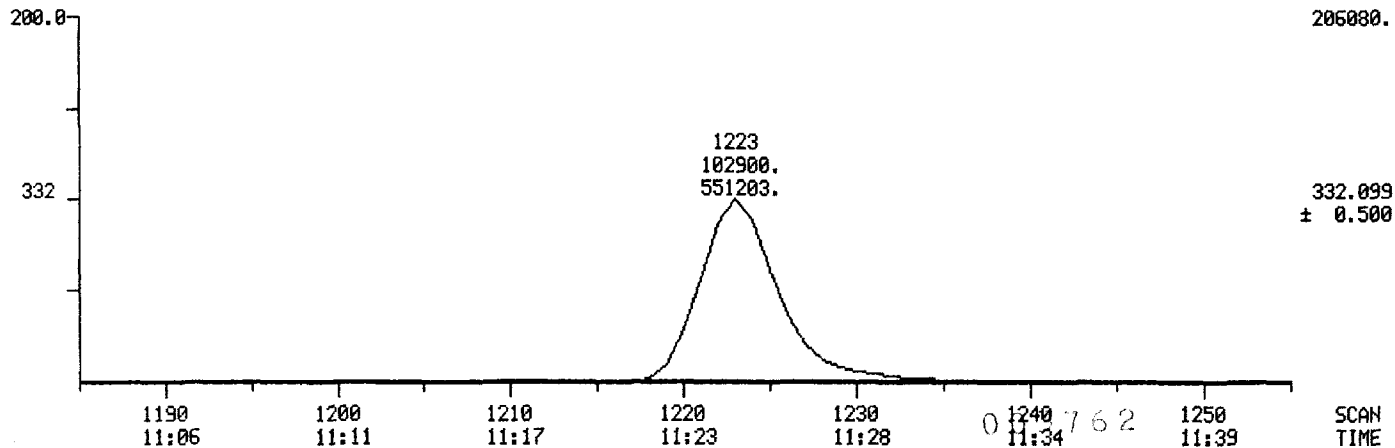
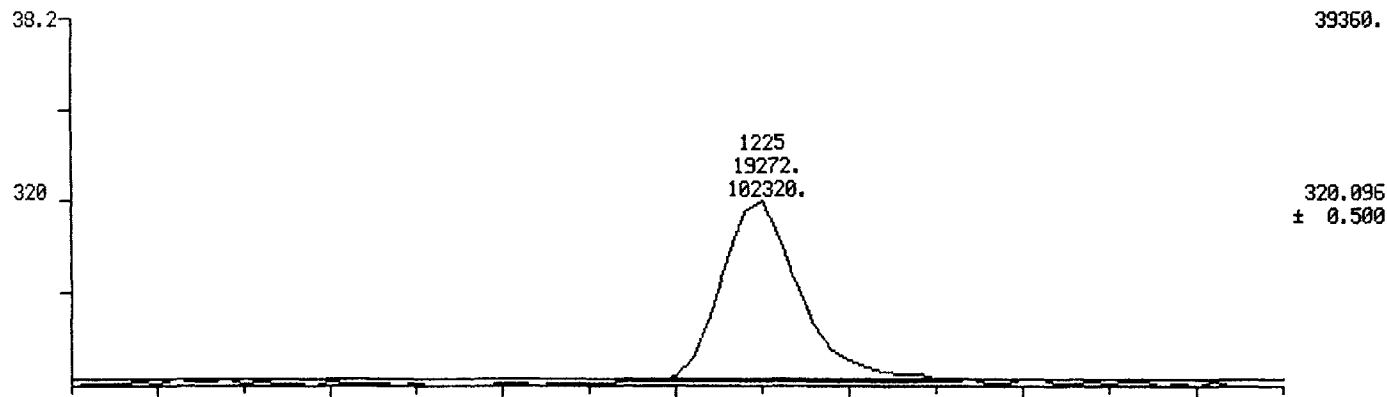
SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1,1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

DATA: ST5840920A #1350

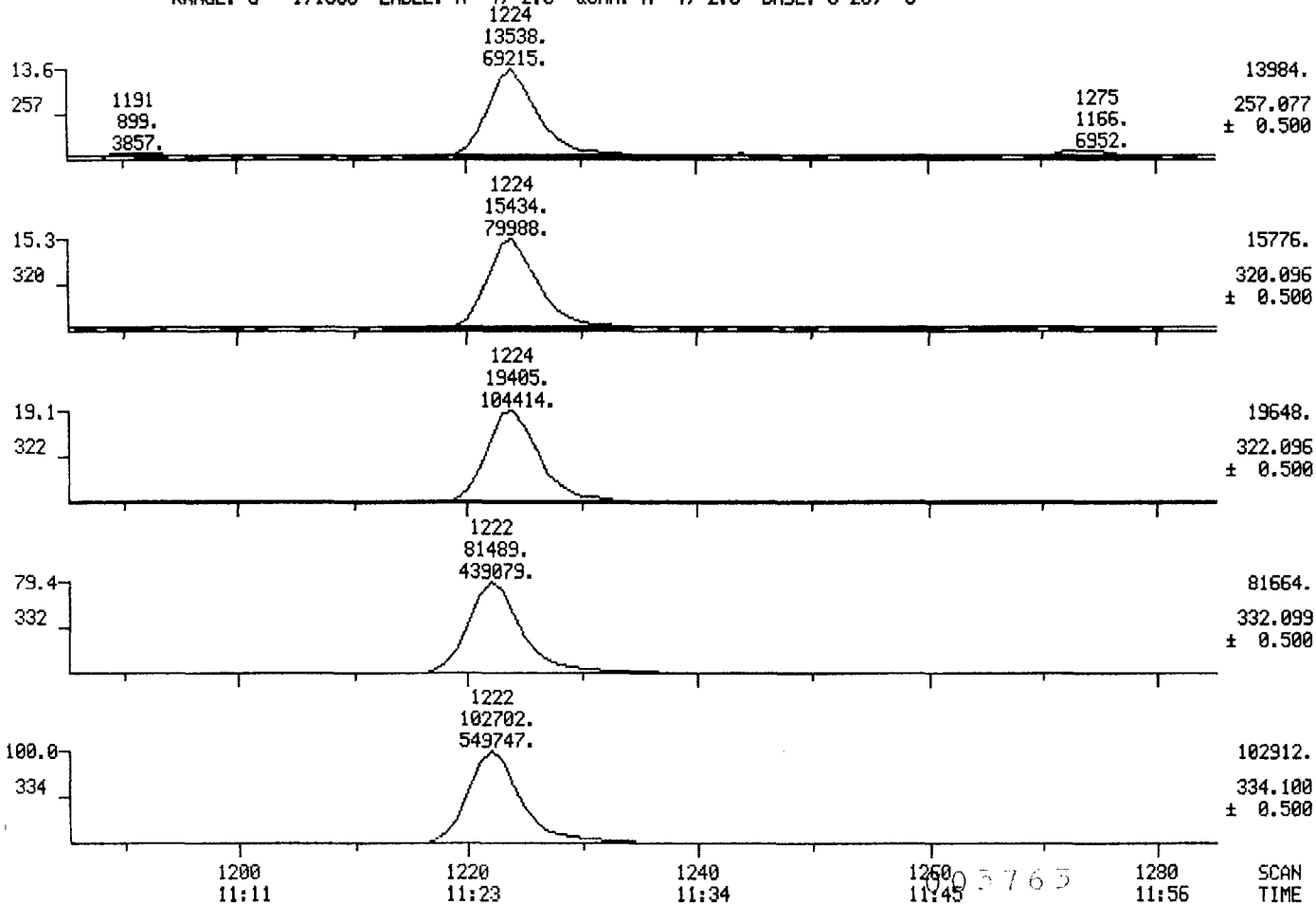
SCANS 1185 TO 1285

09/20/84 11:53:00

CALI: F5840920 #10

SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 11:53:00

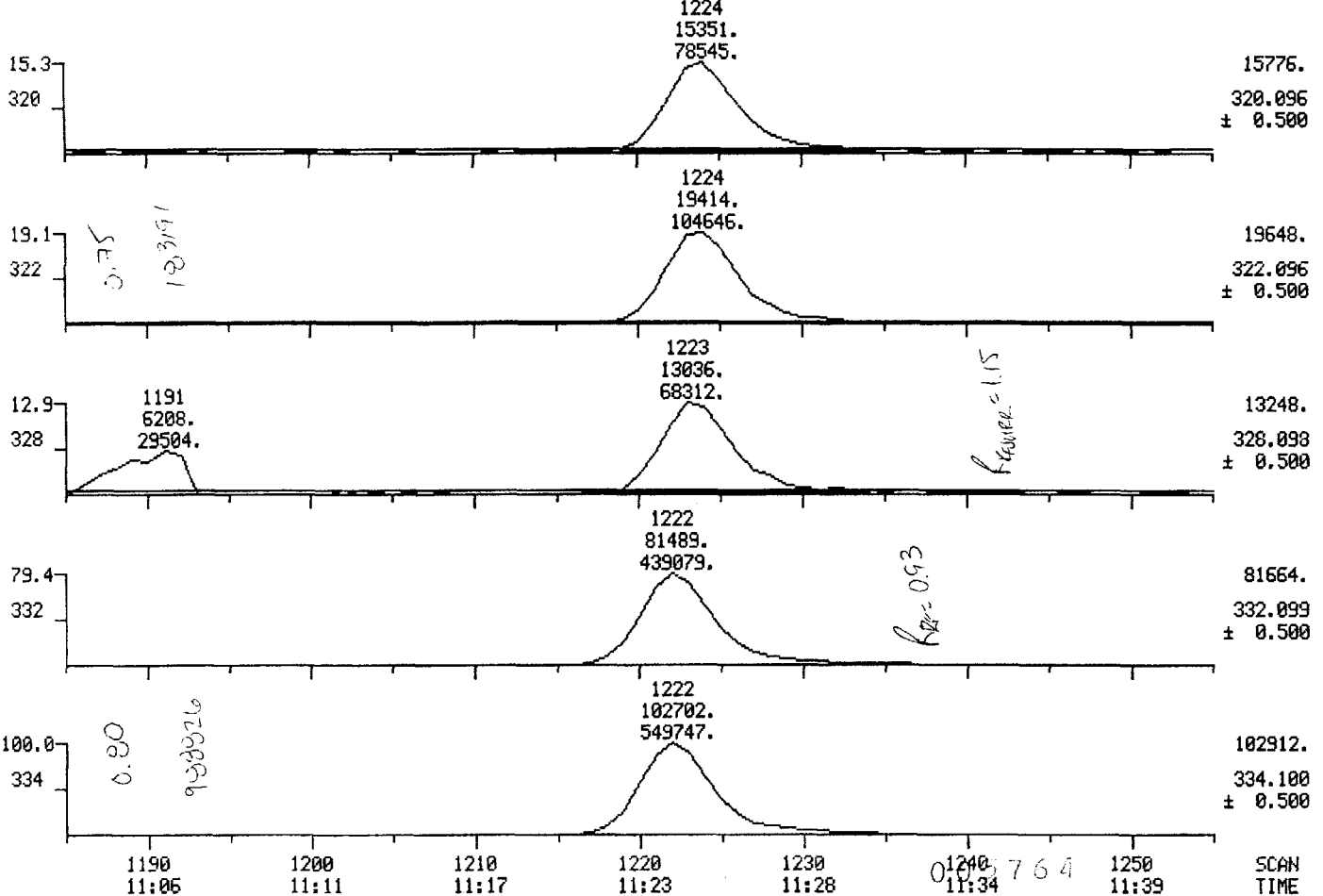
SAMPLE: ZUL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920A #1350

SCANS 1185 TO 1255

CALI: F5840920 #10



MID MASS CHROMATOGRAMS

09/20/84 11:53:00

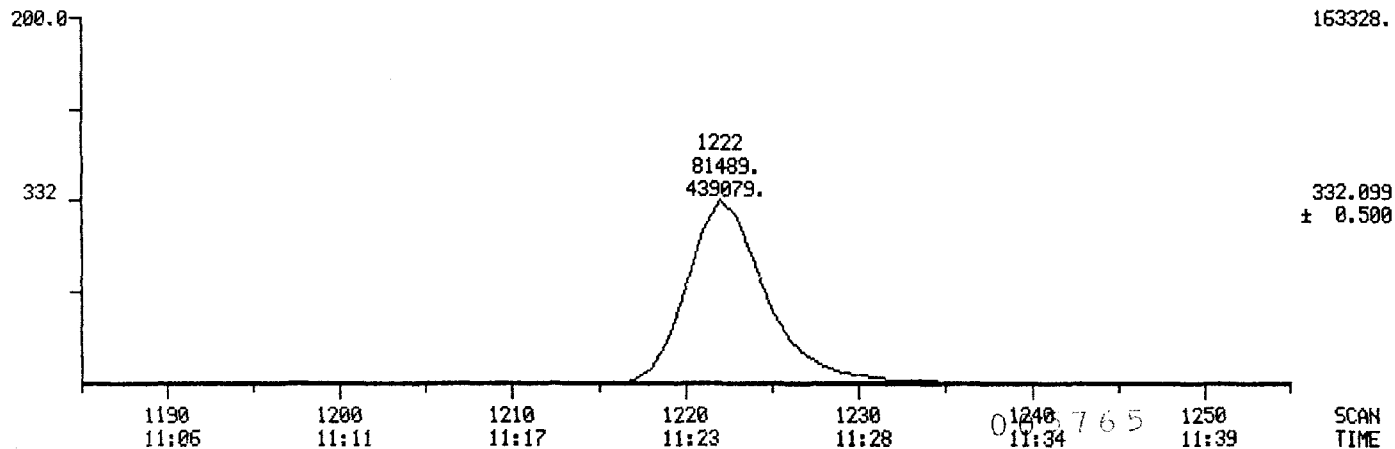
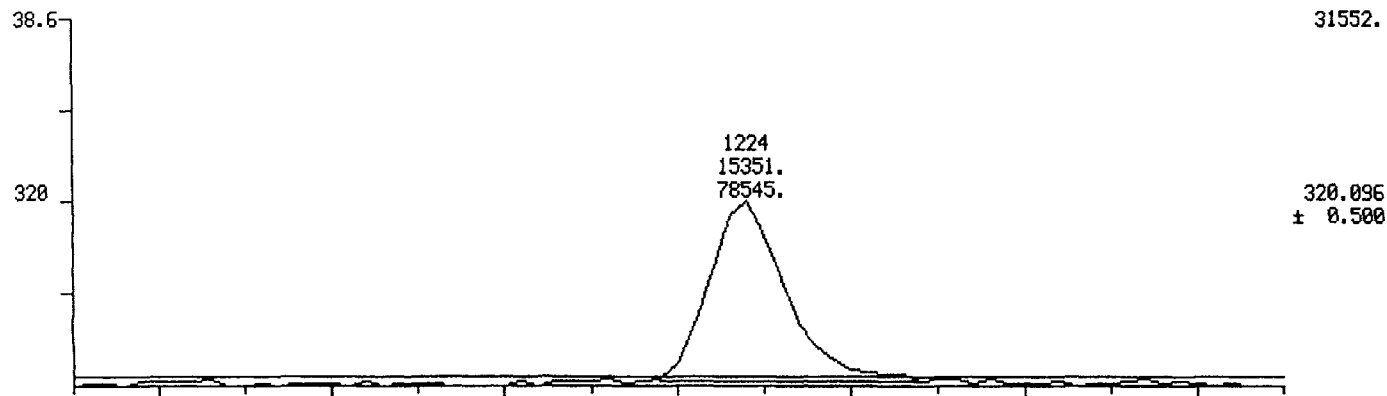
SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX CALI#1

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920A #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

DATA: DH5840920A #1600

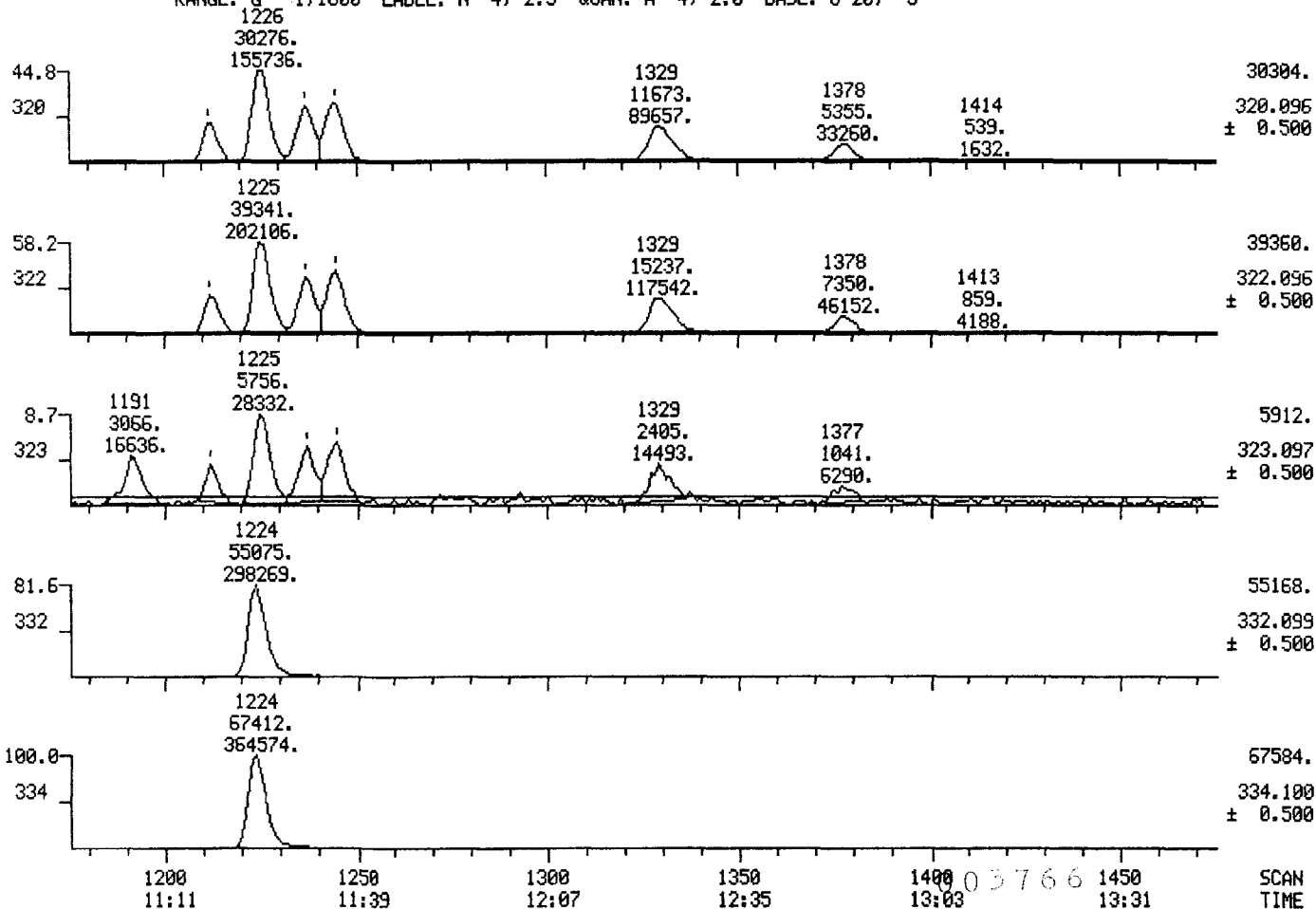
SCANS 1175 TO 1475

09/20/84 12:18:00

CALI: FS840920 #10

SAMPLE: 2UL OF CPSM

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 12:18:00

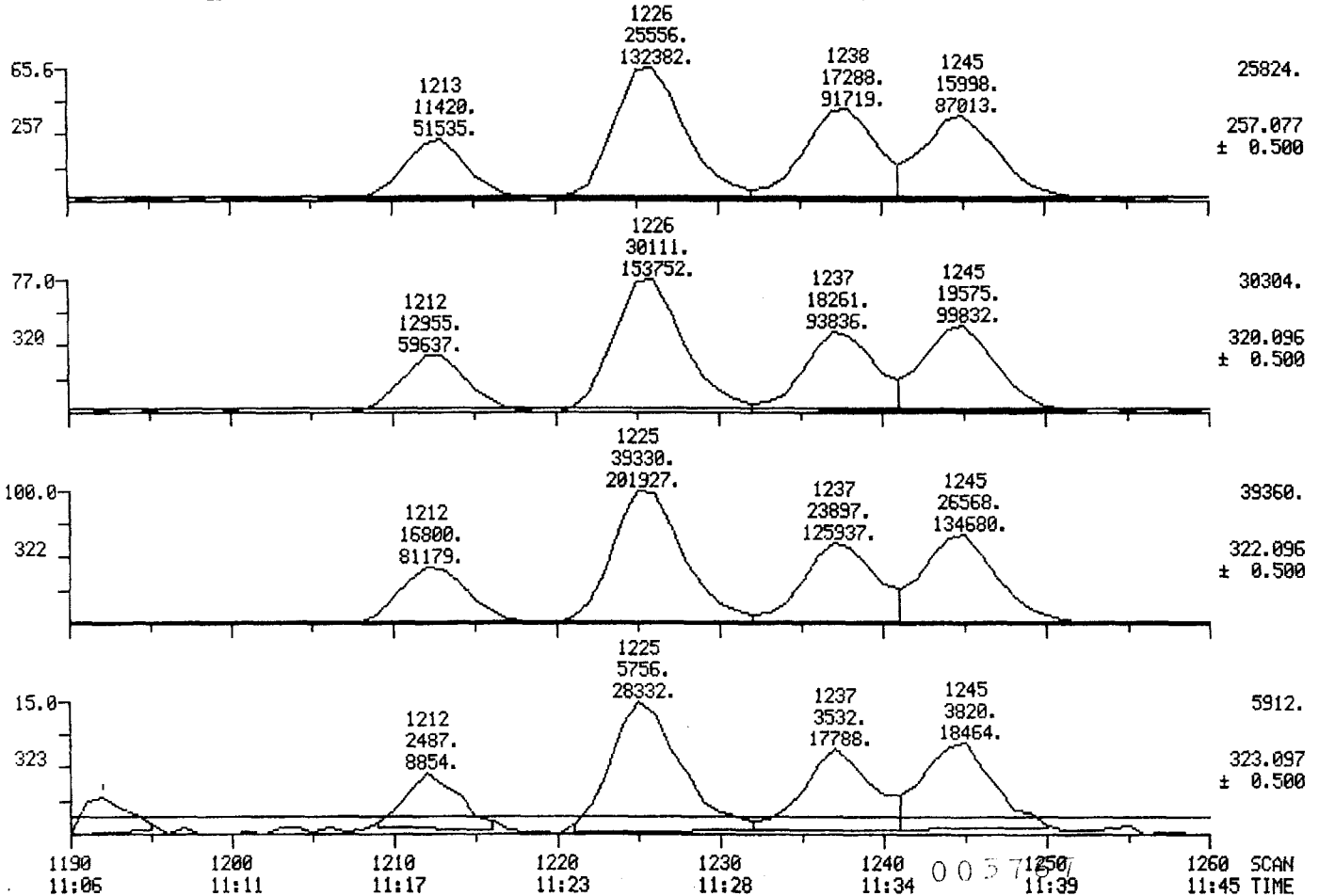
SAMPLE: 2UL OF CP5M

RANGE: G 1,1600 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920A #1600

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 12:18:00

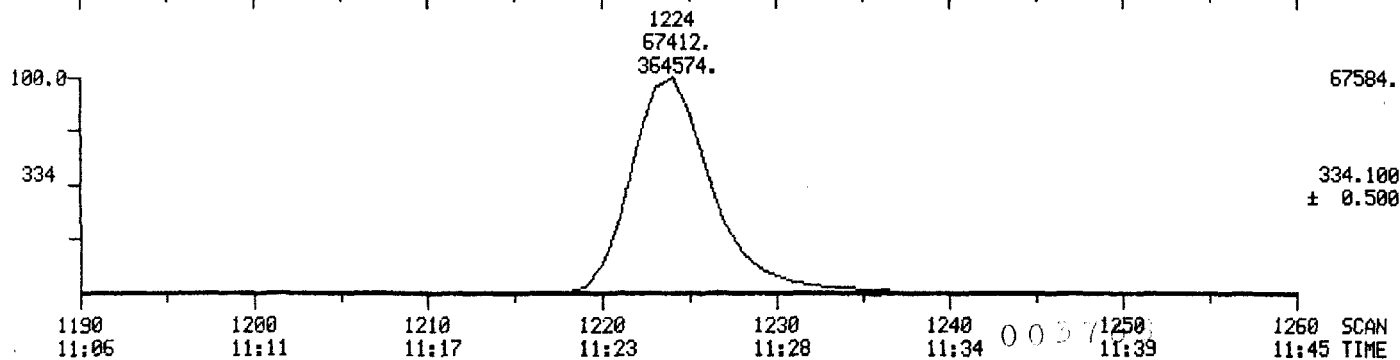
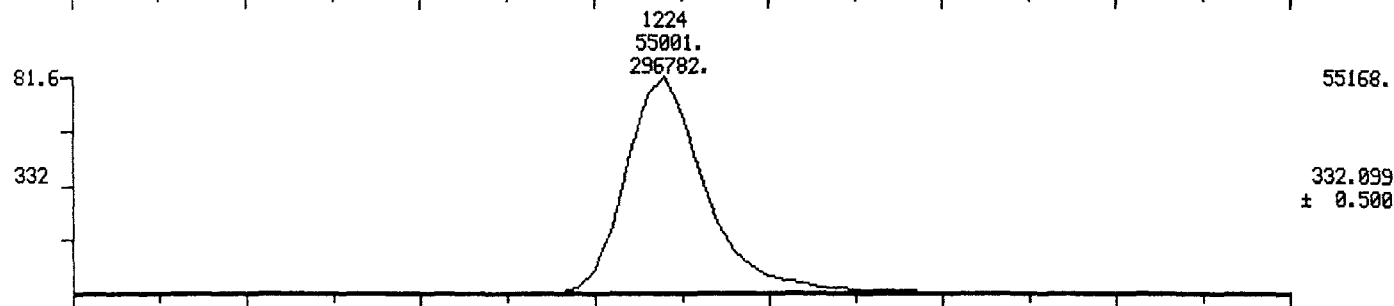
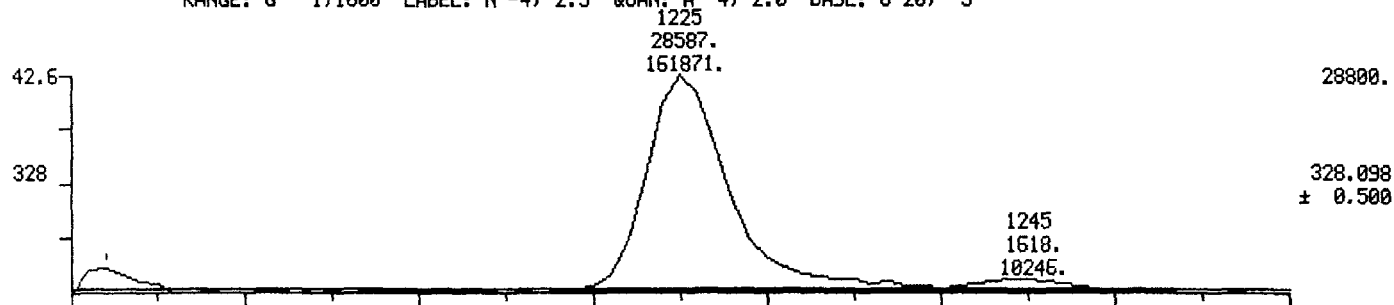
SAMPLE: 2UL OF CPSM

RANGE: G 1.1600 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920A #1600

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 12:18:00

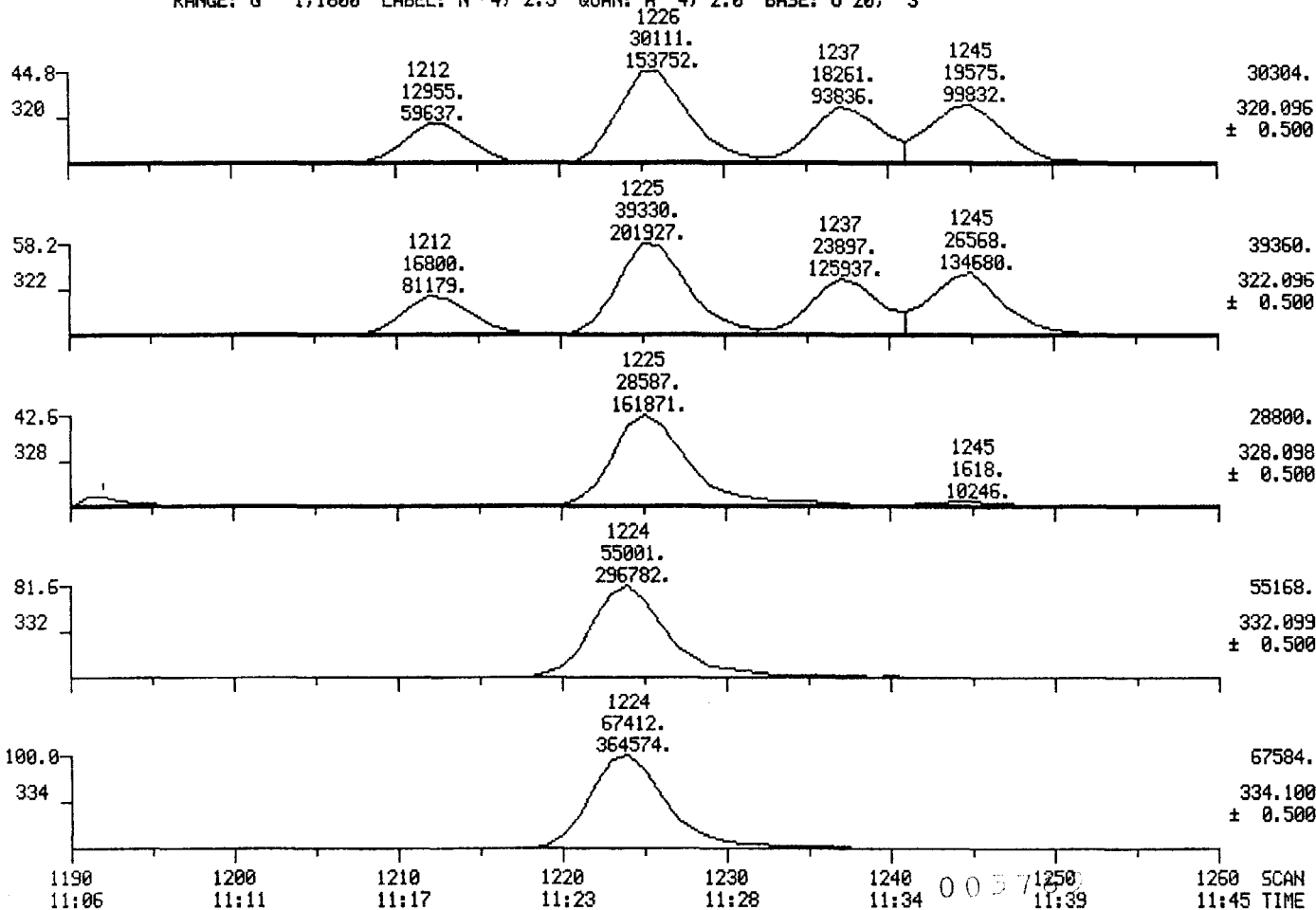
SAMPLE: 2UL OF CPSM

RANGE: G 1.1600 LABEL: N -4. 2.5 QUAN: A 4. 2.0 BASE: U 20. 3

DATA: DHS840920A #1600

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 12:18:00

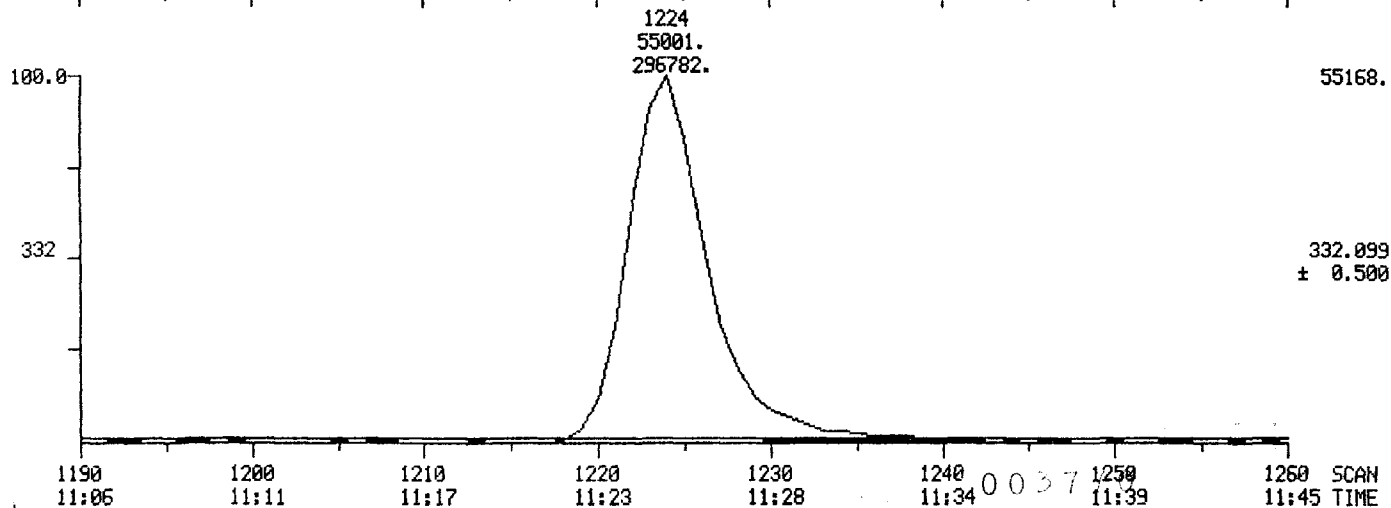
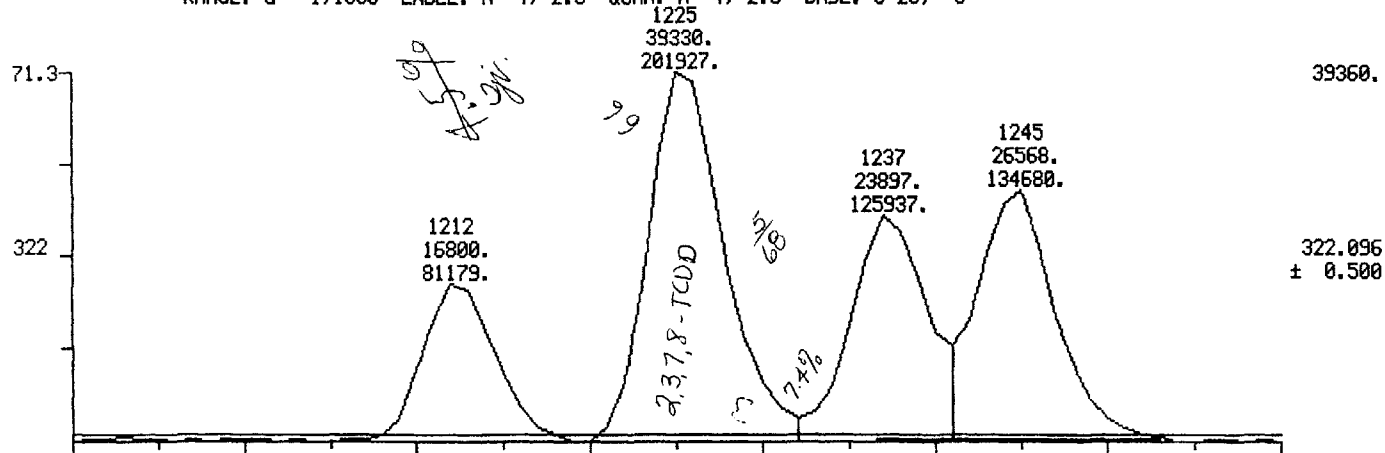
SAMPLE: 2UL OF CPSM

RANGE: G 1.1600 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920A #1600

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 16:23:00

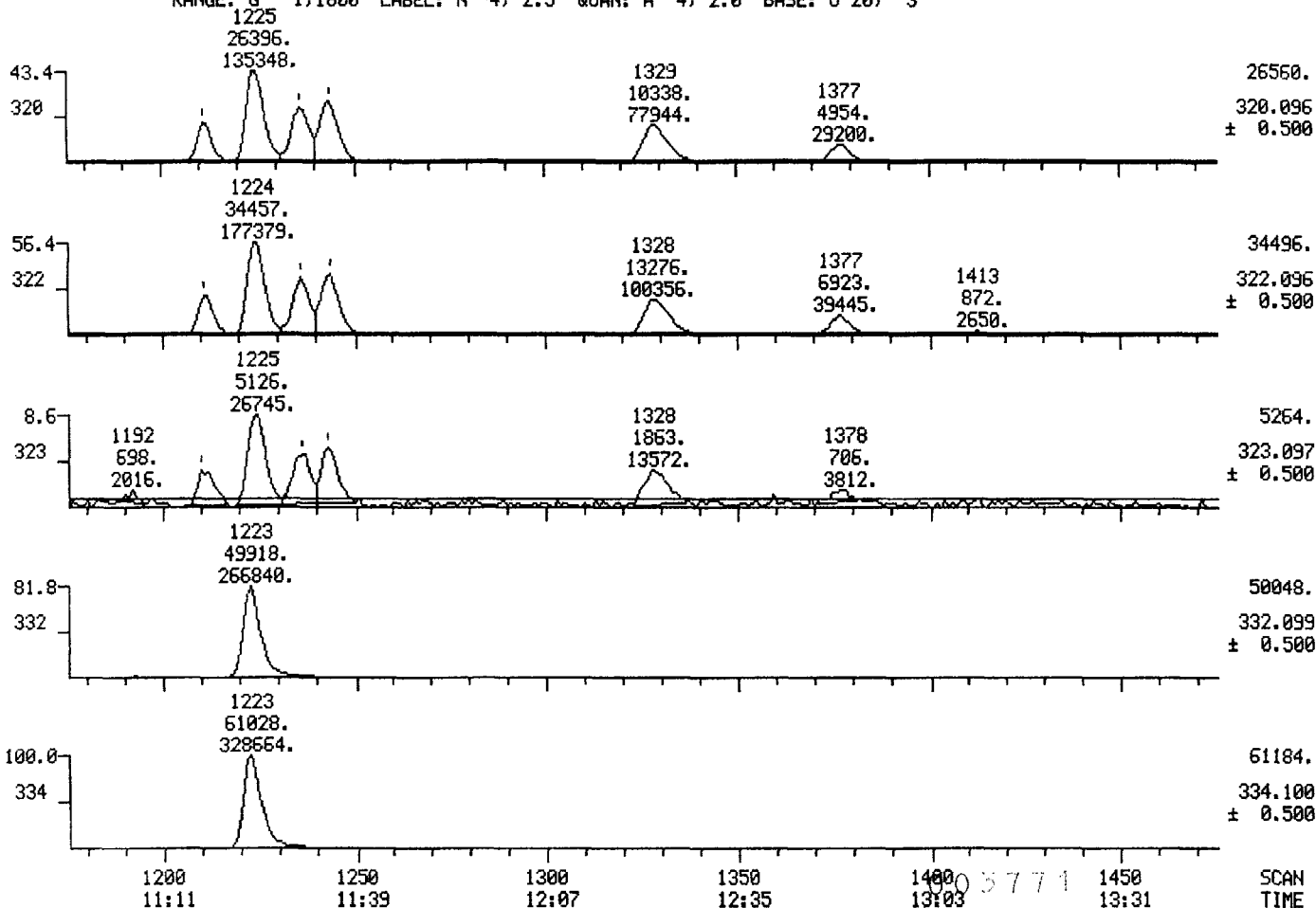
SAMPLE: CPSM

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920B #1500

SCANS 1175 TO 1475

CALI: F5840920 #10



MID MASS CHROMATOGRAMS

DATA: DH5840920B #1500

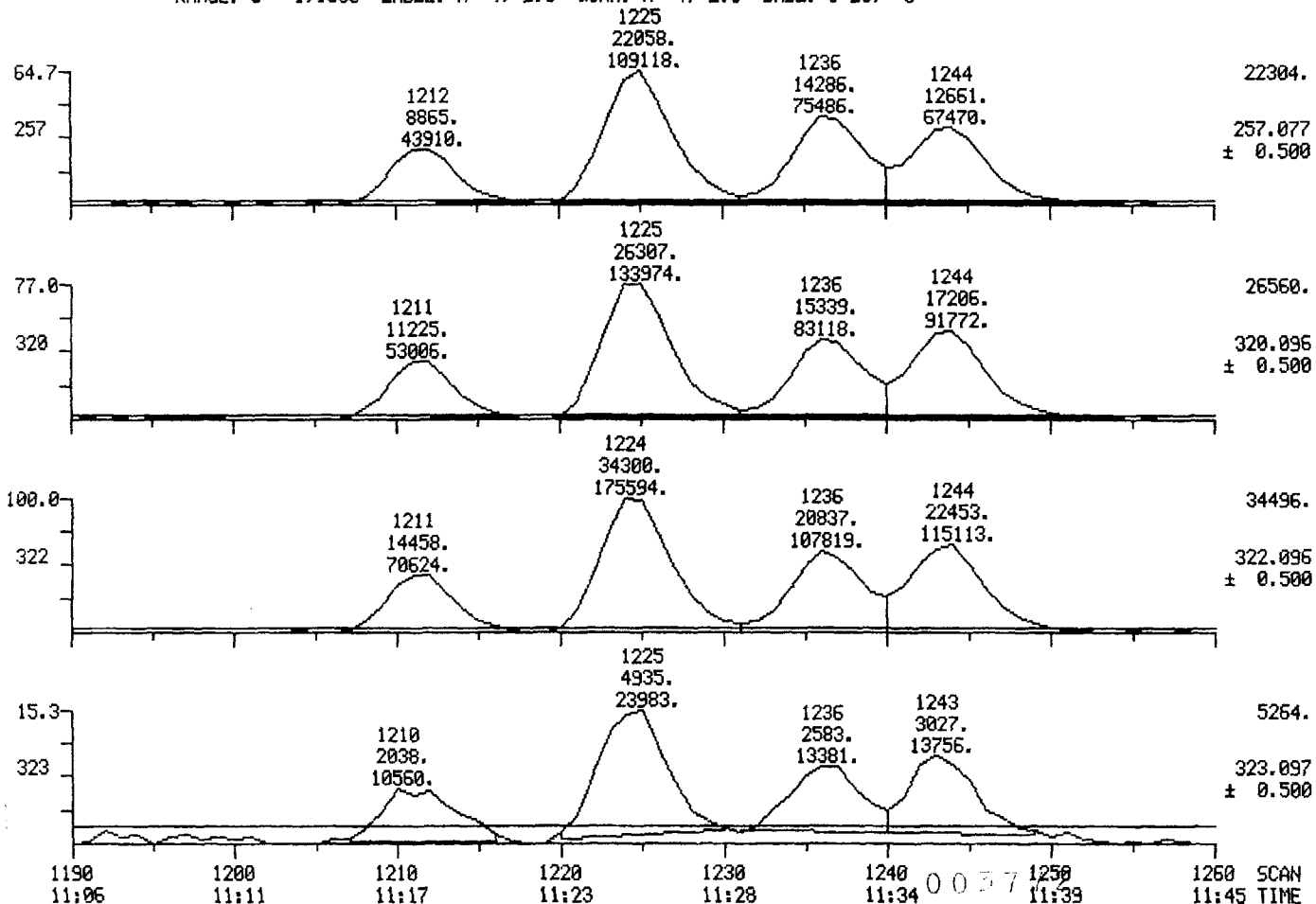
SCANS 1190 TO 1250

09/20/84 16:23:00

CALI: F5840920 #10

SAMPLE: CPSM

RANGE: G 1.1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 16:23:00

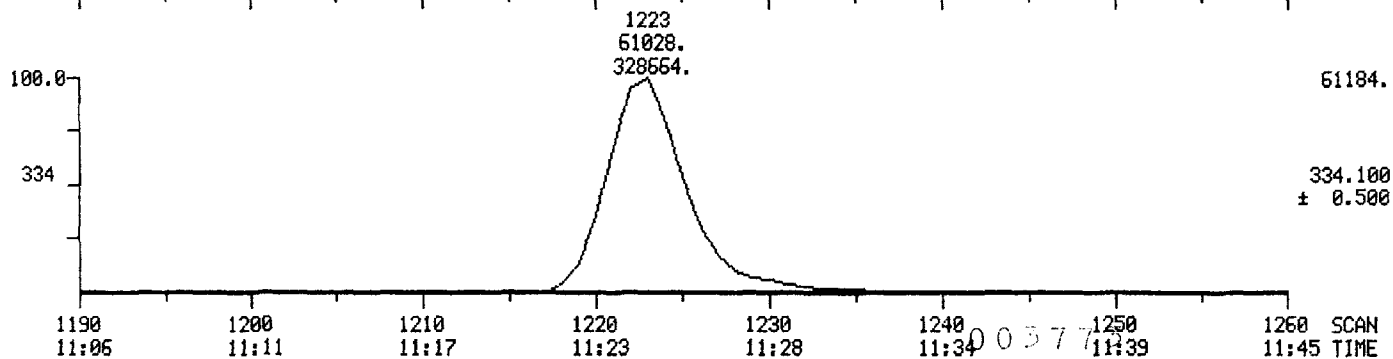
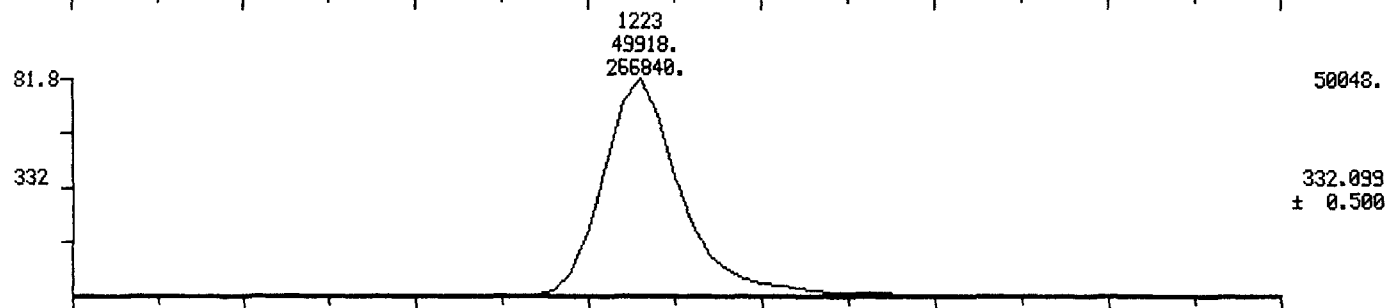
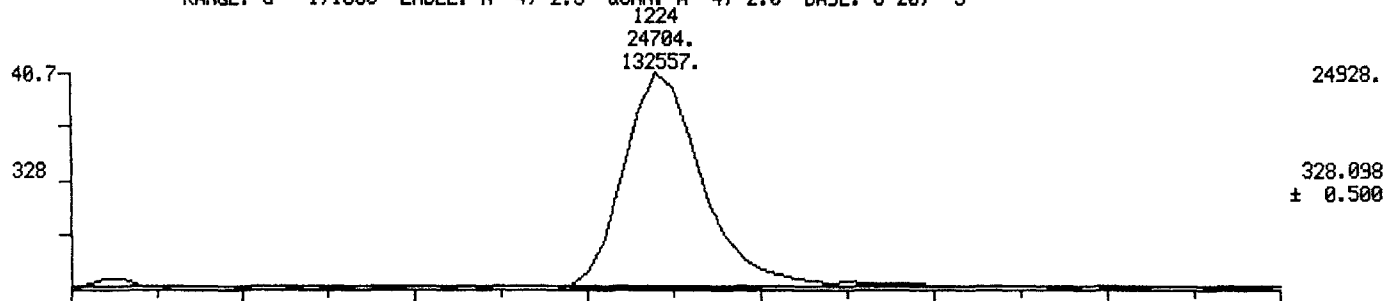
SAMPLE: CPSM

RANGE: G 1.1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920B #1500

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 16:23:00

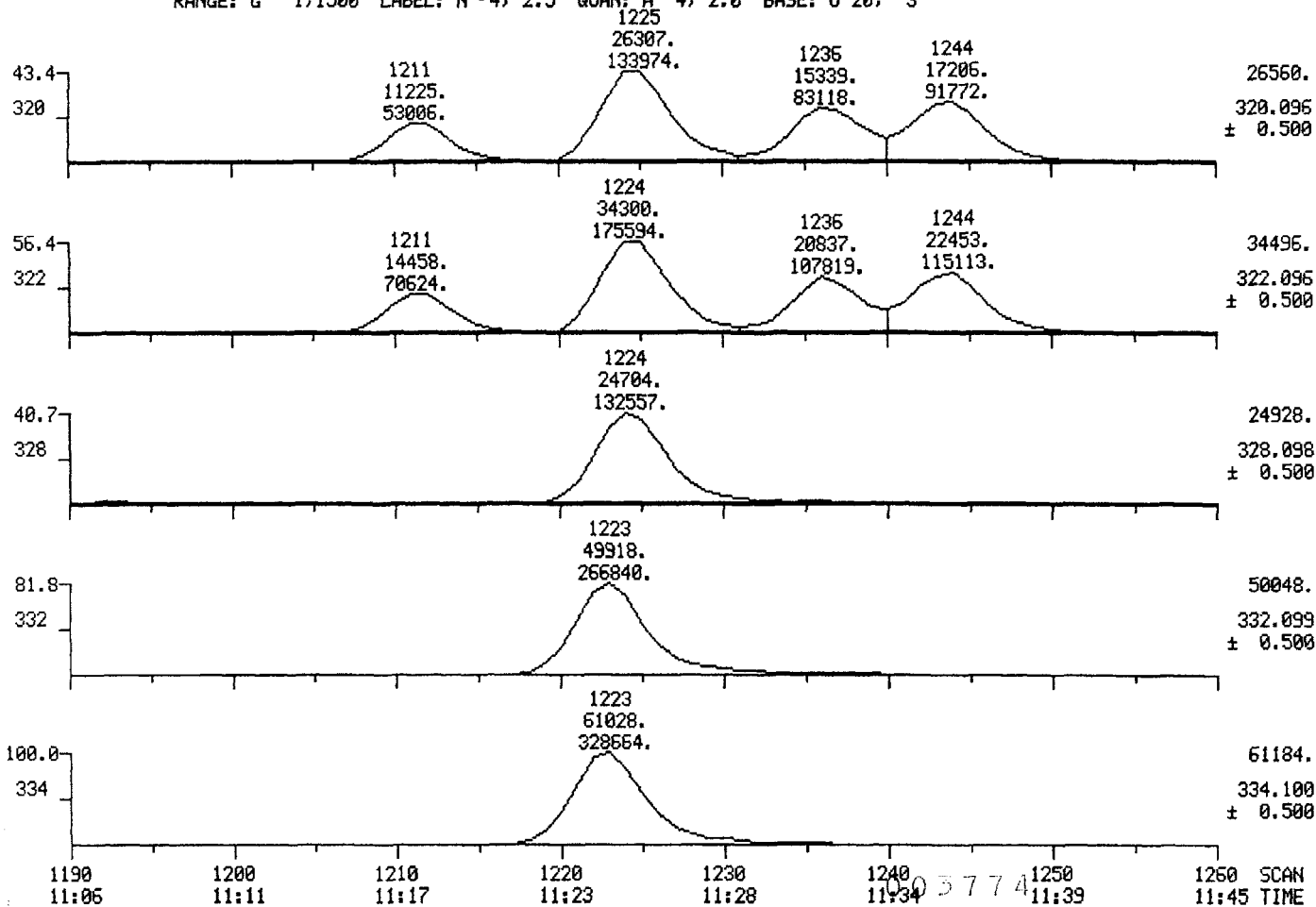
SAMPLE: CPSM

RANGE: G 1.1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920B #1500

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 16:23:00

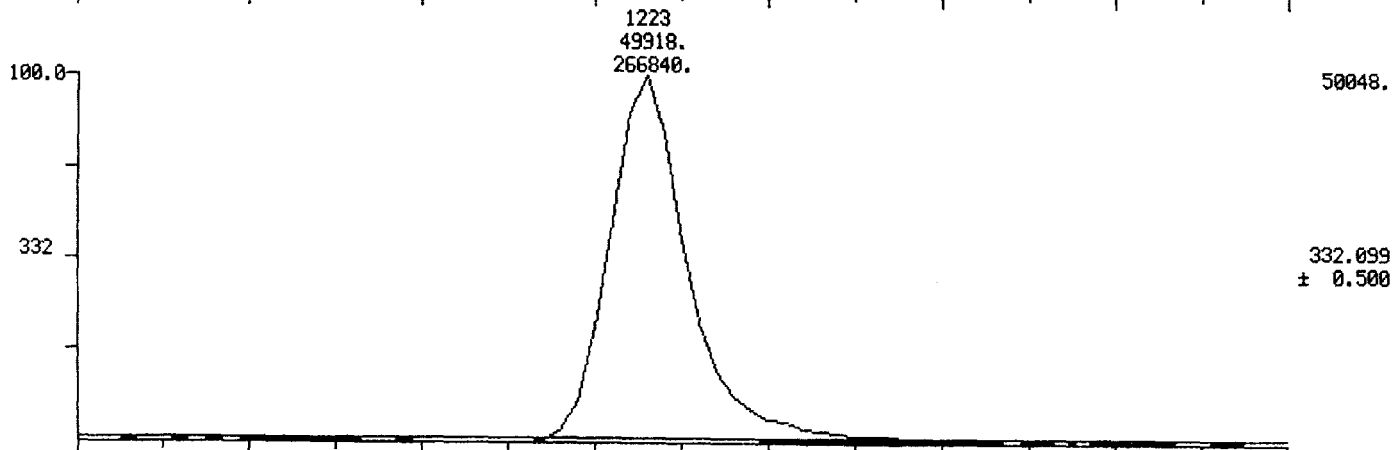
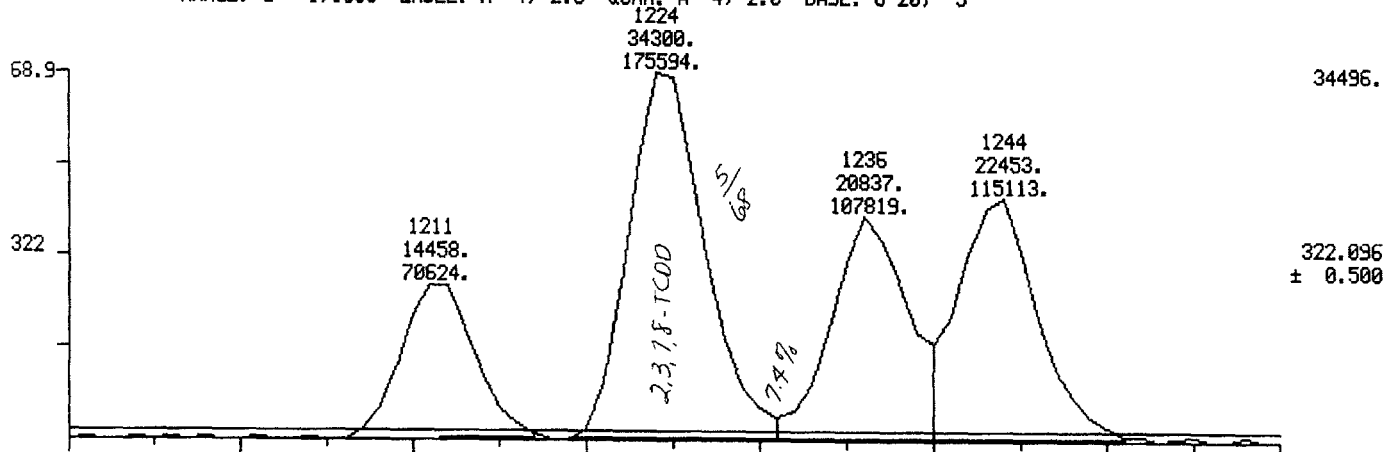
SAMPLE: CPSM

RANGE: G 1,1500 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920B #1500

CALI: F5840920 #10

SCANS 1190 TO 1260



1190 1200 1210 1220 1230 1240 1250 1260 SCAN
 11:06 11:11 11:17 11:23 11:28 11:34 11:39 11:45 TIME

MID MASS CHROMATOGRAMS

09/20/84 16:55:00

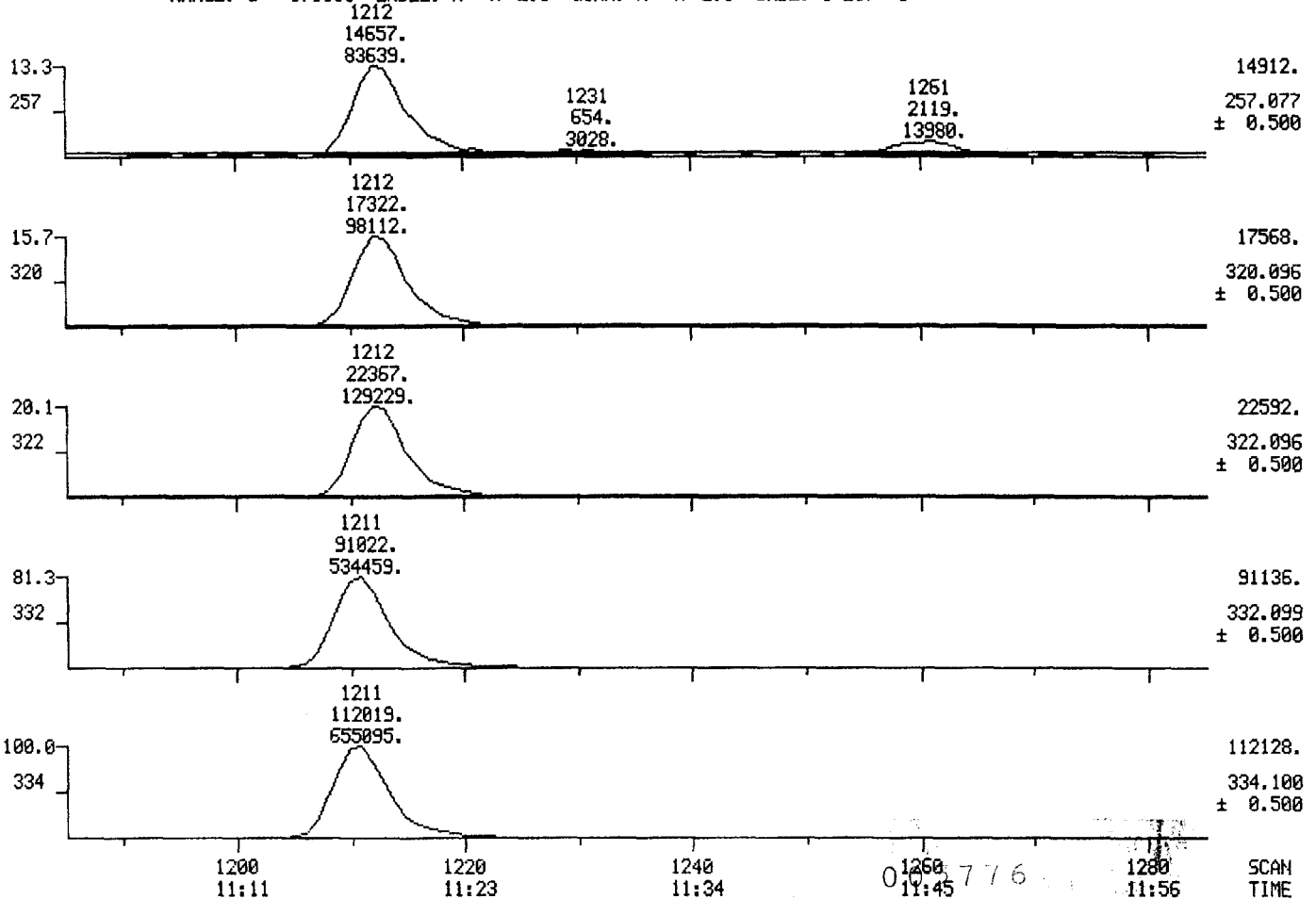
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920B #1350

SCANS 1185 TO 1285

CALI: F5840920 #10



MID MASS CHROMATOGRAMS

DATA: ST58409208 #1350

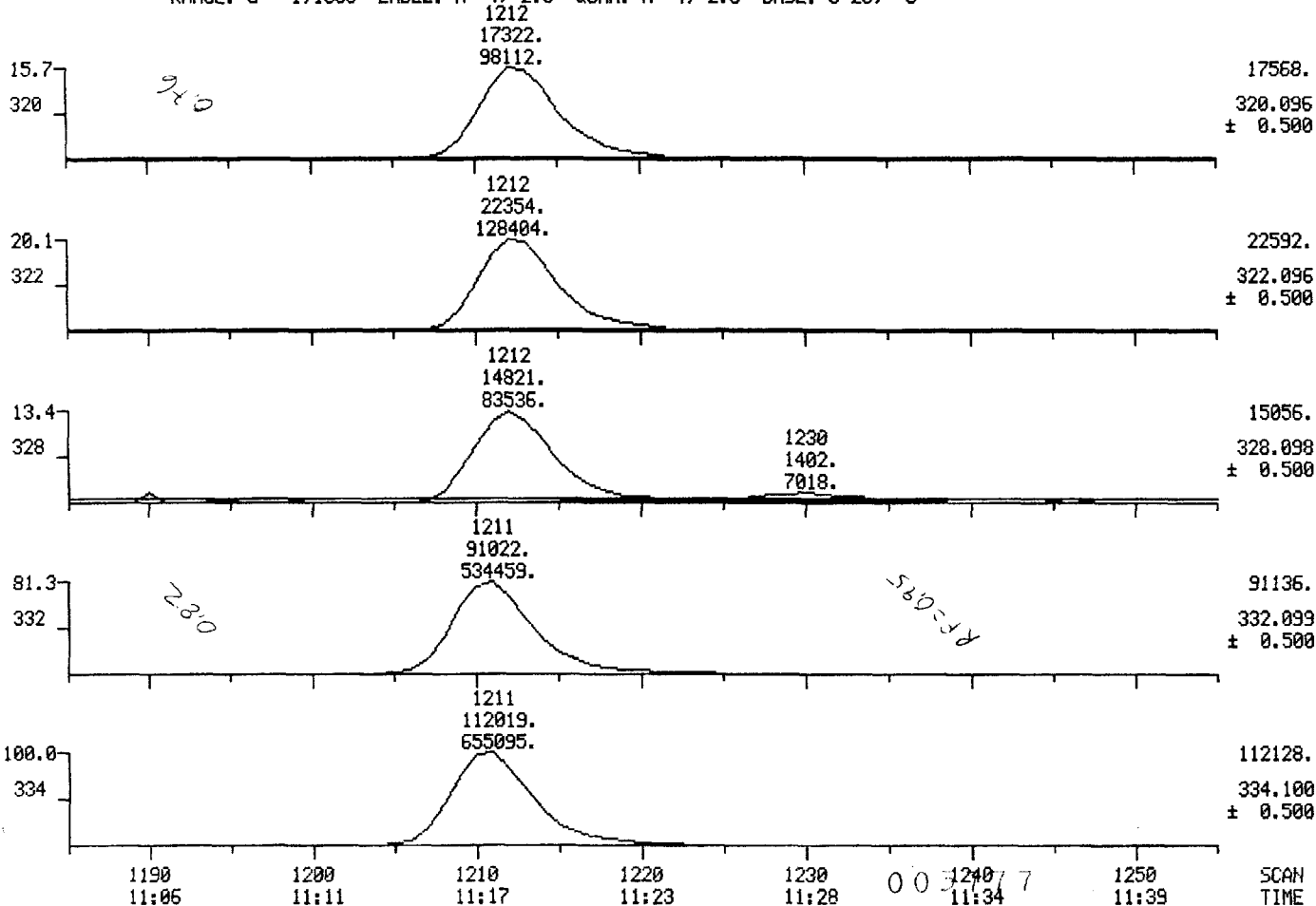
SCANS 1185 TO 1255

09/20/84 16:55:00

CALI: F5840920 #10

SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 16:55:00

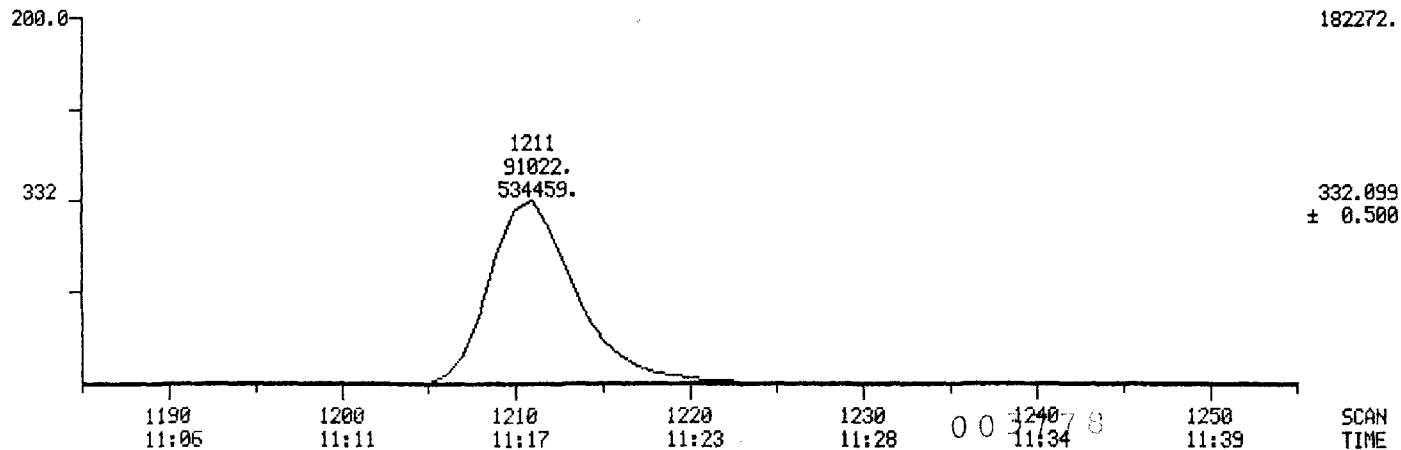
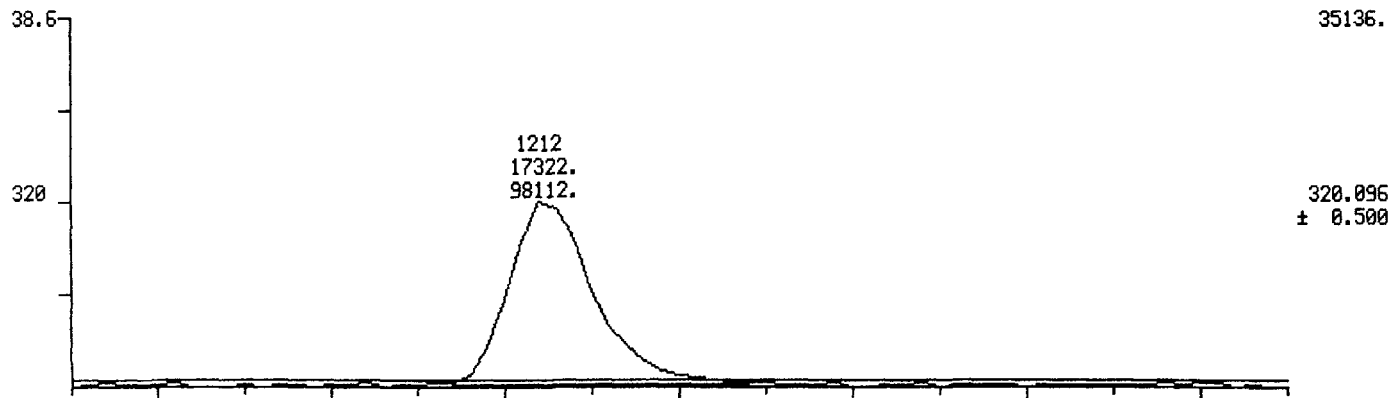
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920B #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 21:17:00

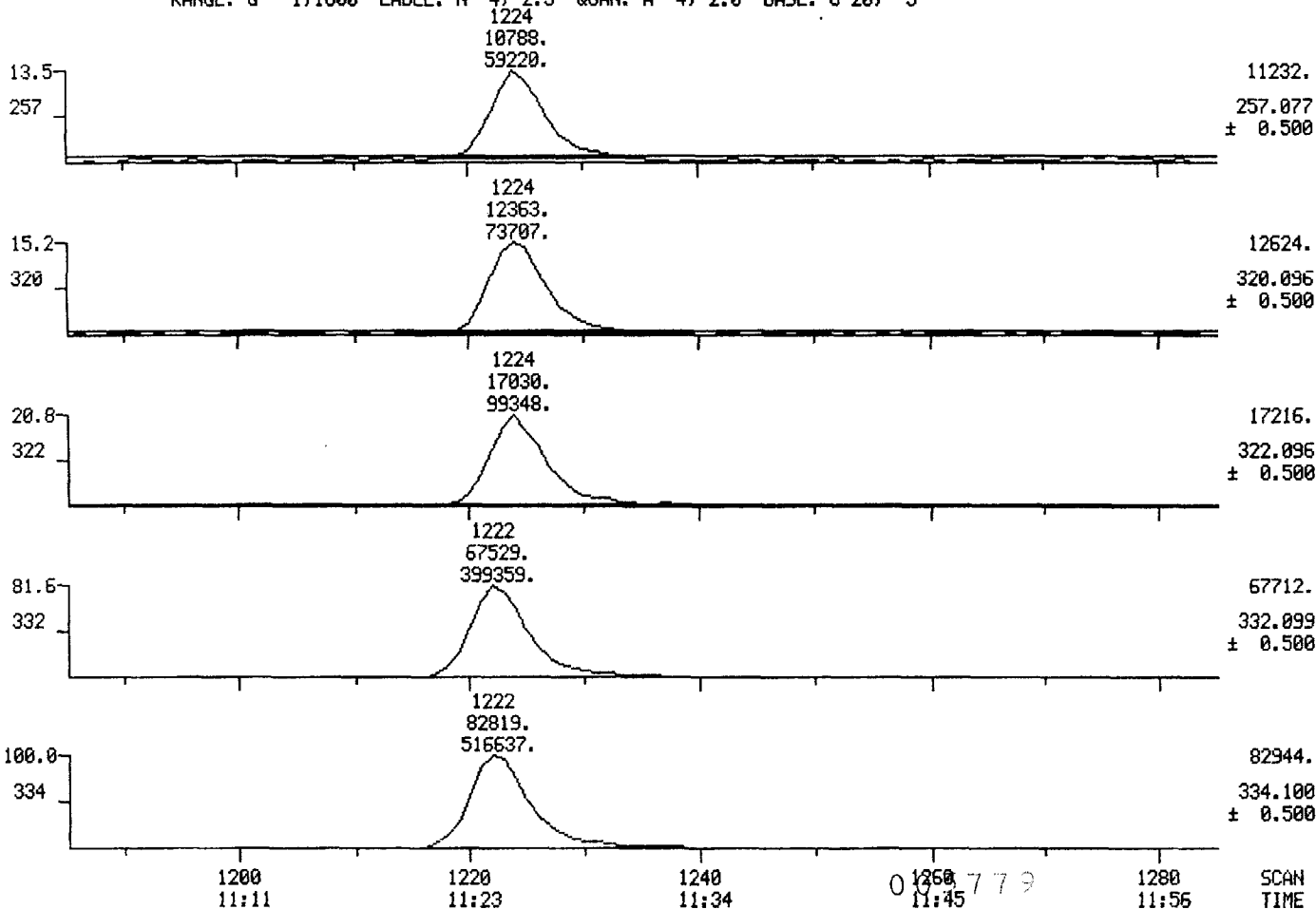
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920C #1350

SCANS 1185 TO 1285

CALI: F5840920 #10



MID MASS CHROMATOGRAMS

09/20/84 21:17:00

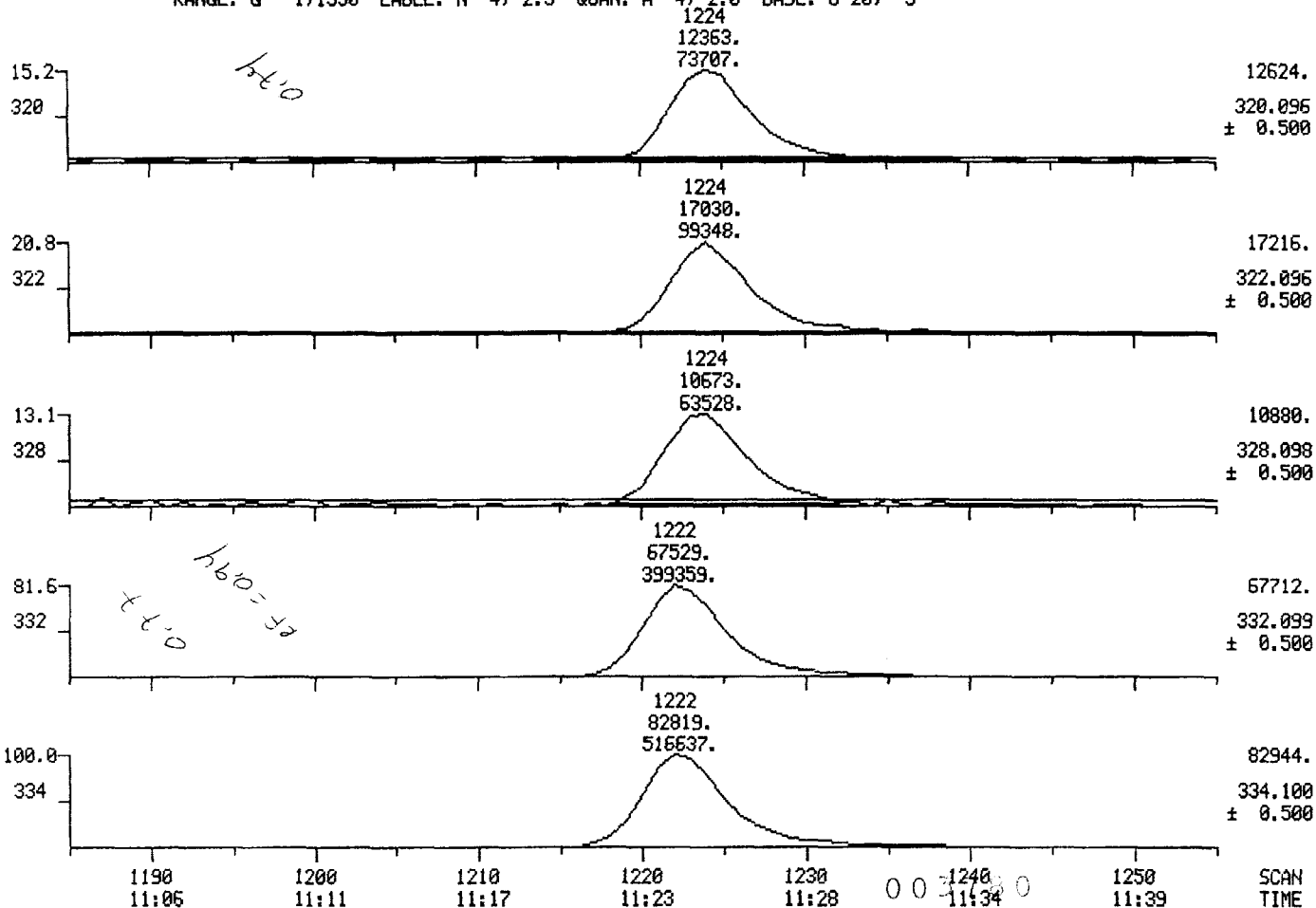
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920C #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 21:17:00

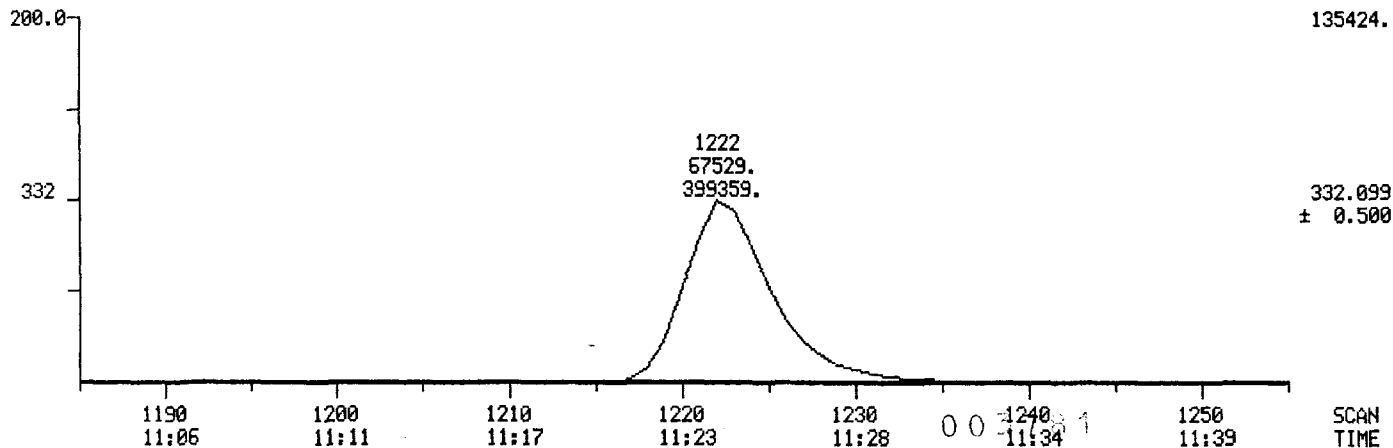
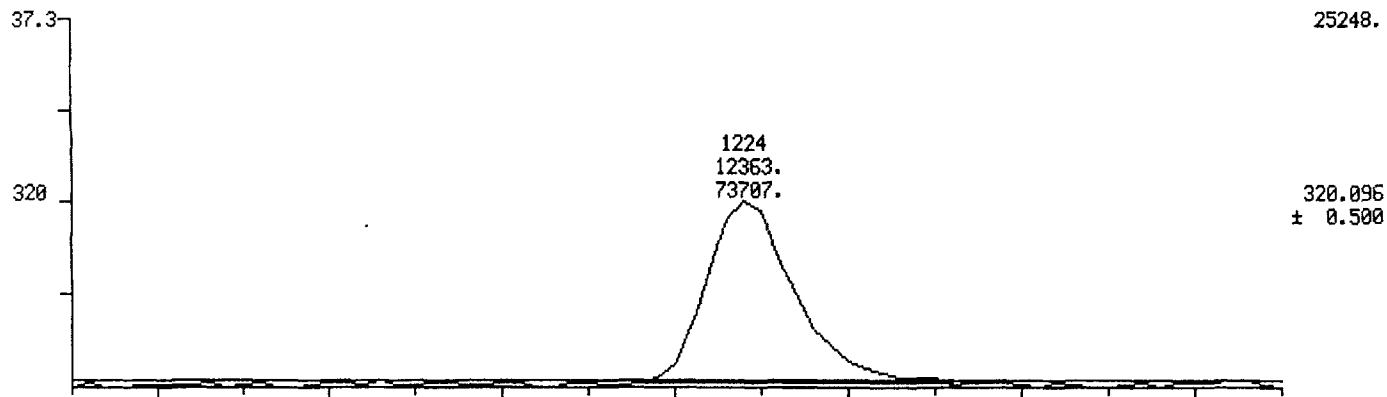
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920C #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

DATA: DH5840920C #1425

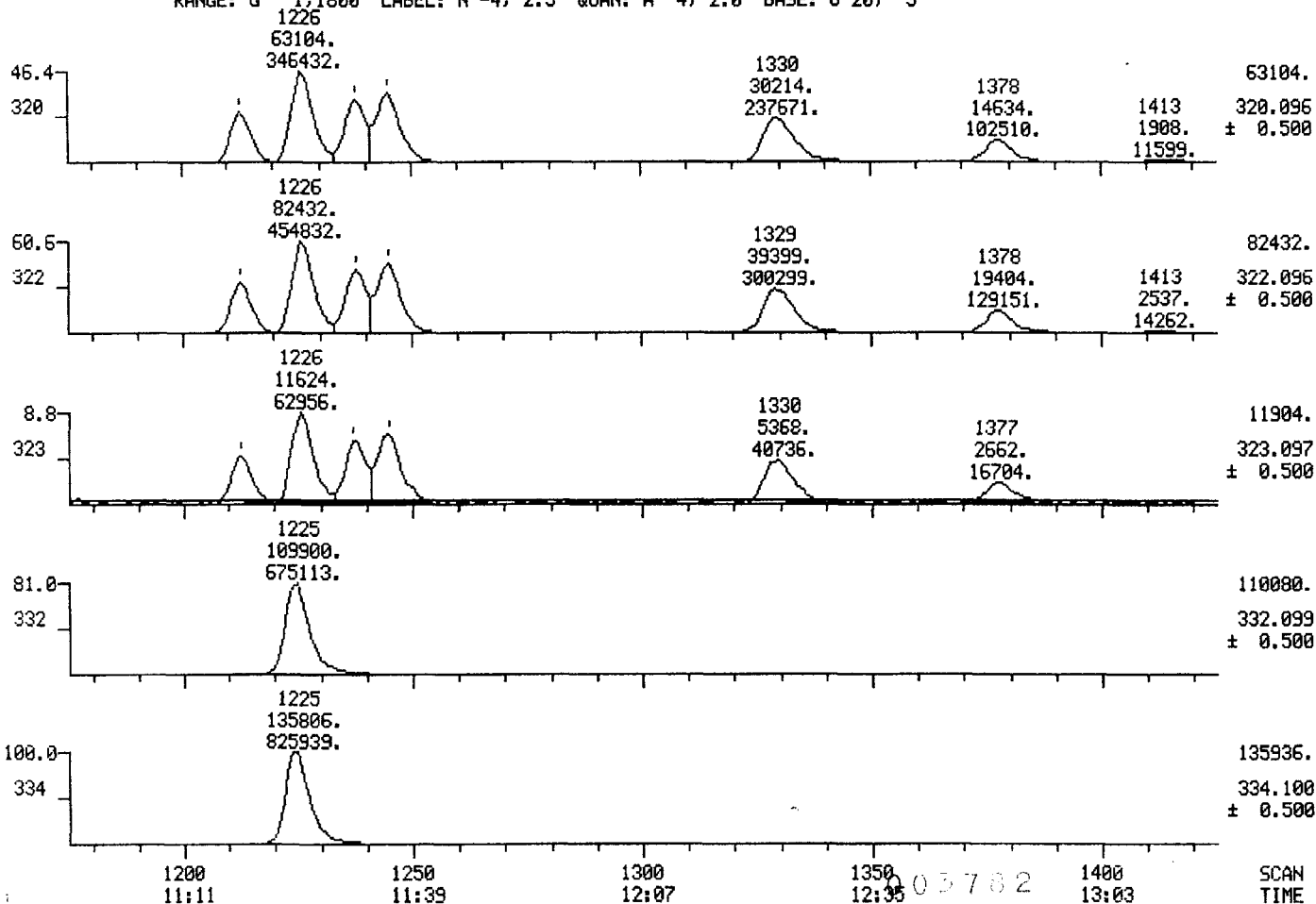
SCANS 1175 TO 1425

09/20/84 21:43:00

CALI: F5840920 #10

SAMPLE: 2UL OF CPSM

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 21:43:00

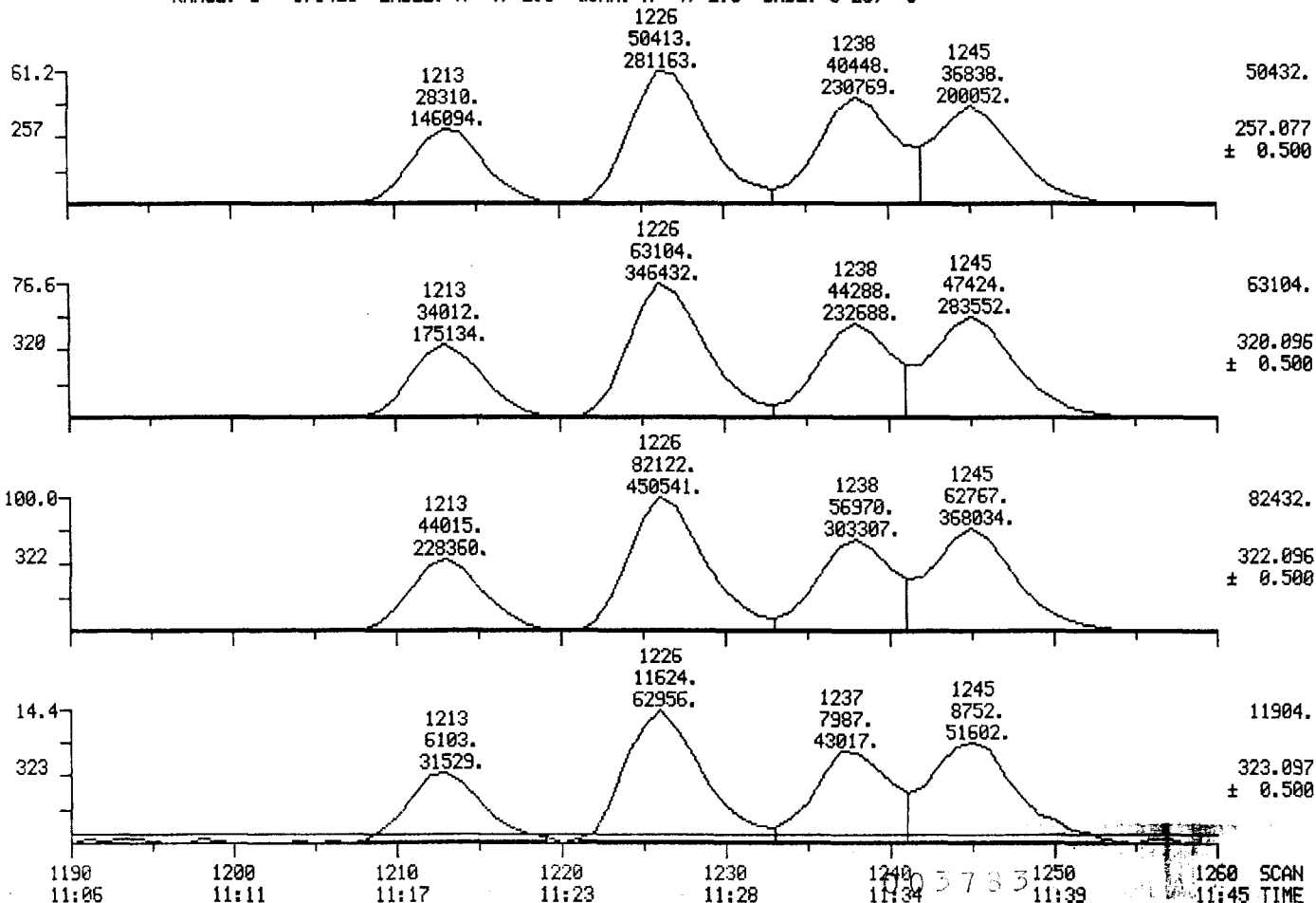
SAMPLE: 2UL OF CPSM

RANGE: G 1.1425 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920C #1425

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 21:43:00

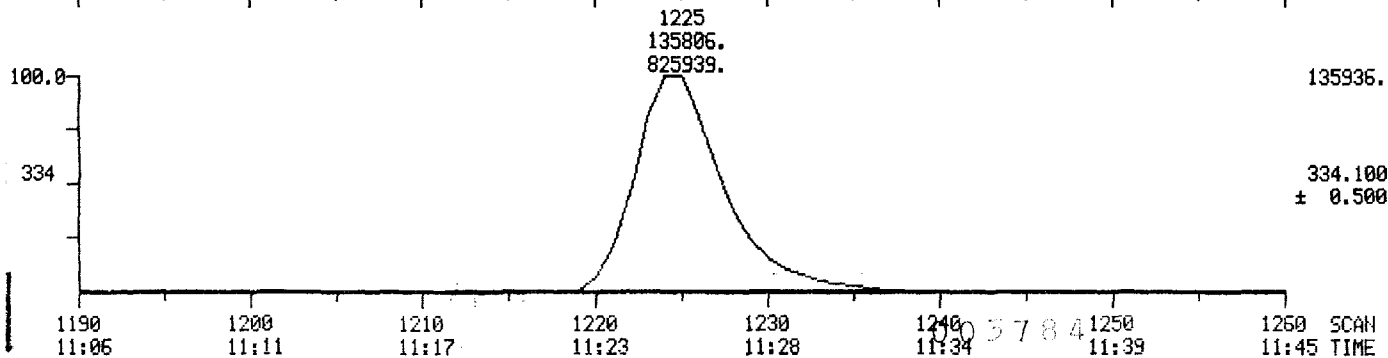
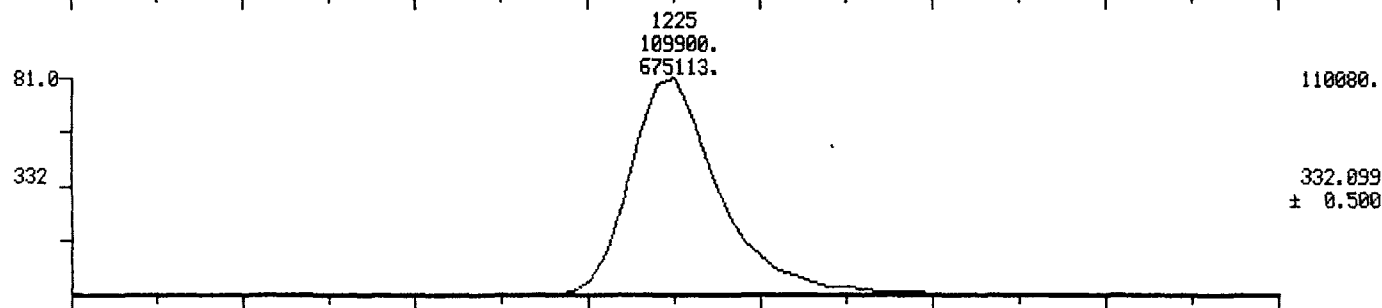
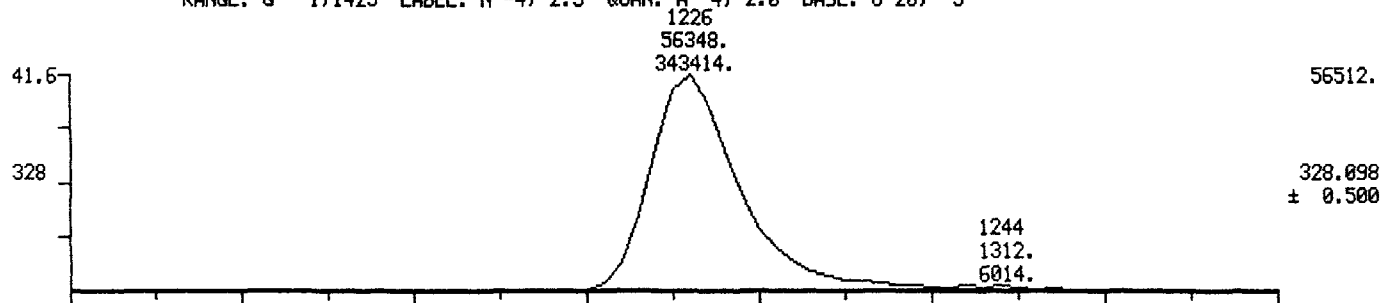
SAMPLE: 2UL OF CPSM

RANGE: G 1.1425 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920C #1425

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 21:43:00

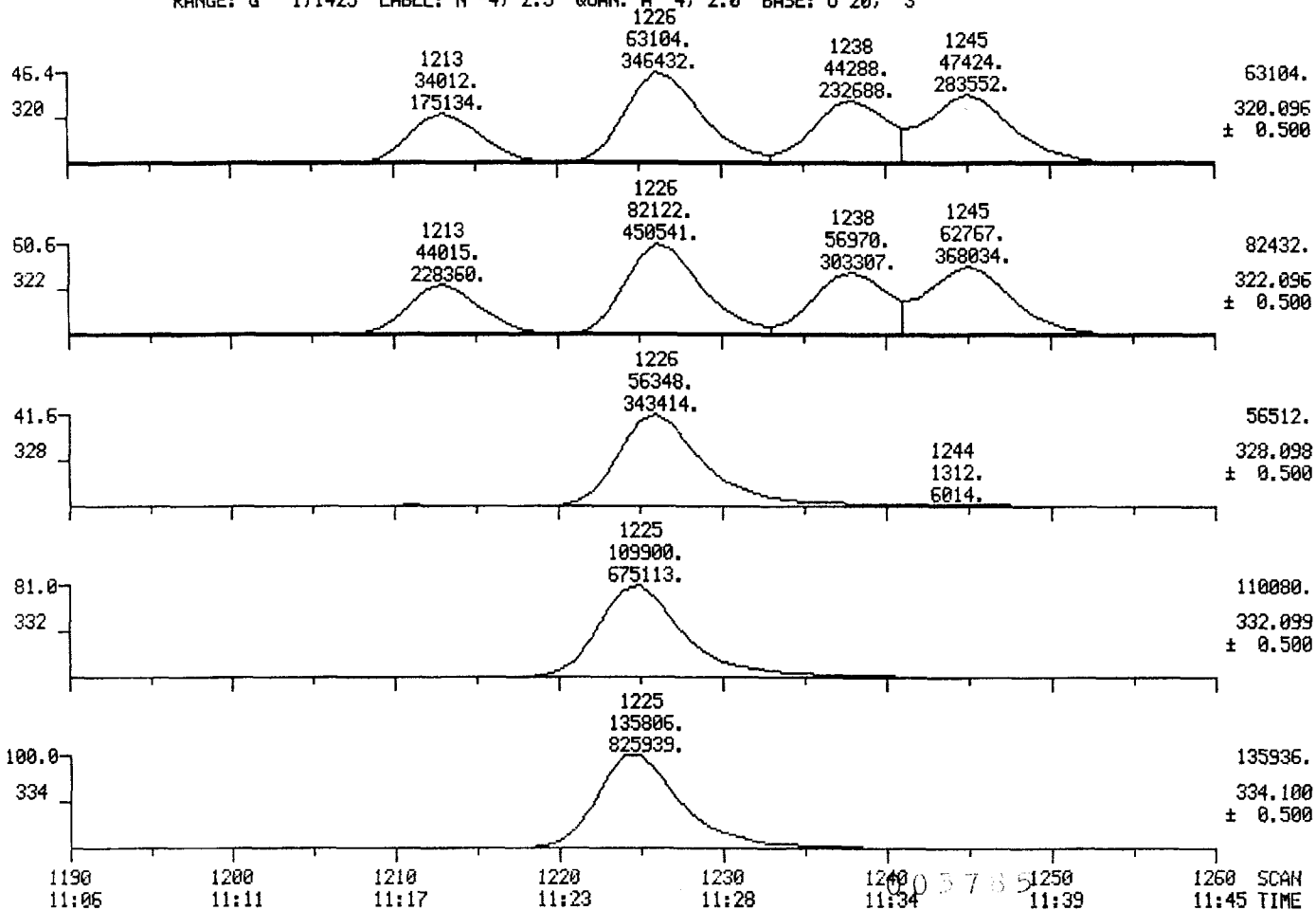
SAMPLE: ZUL OF CPSM

RANGE: G 1,1425 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920C #1425

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 21:43:00

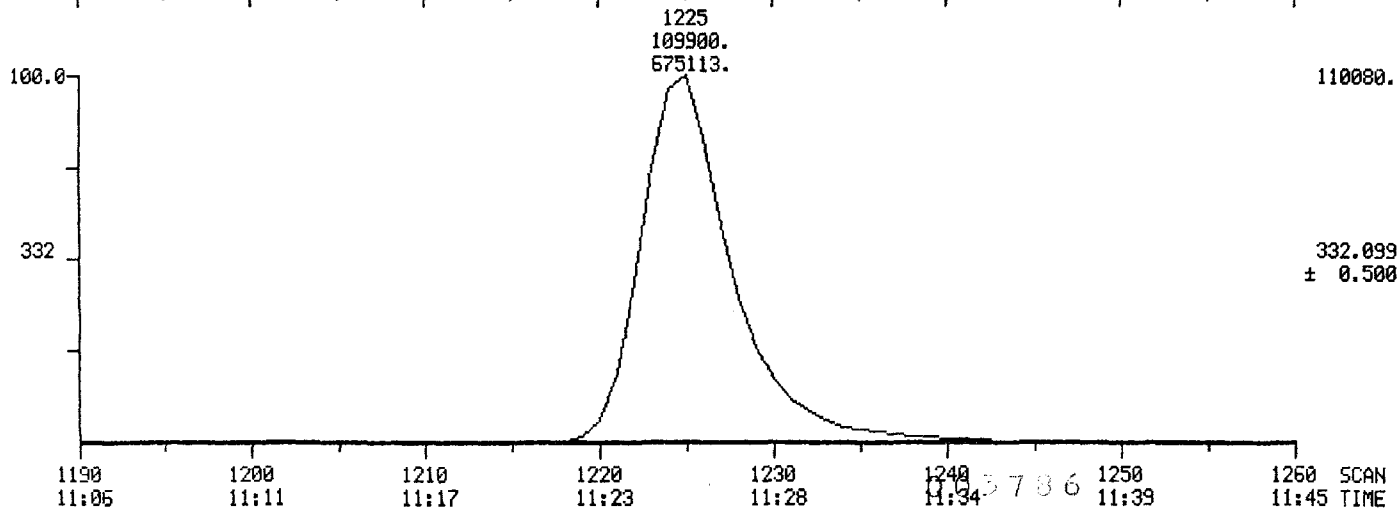
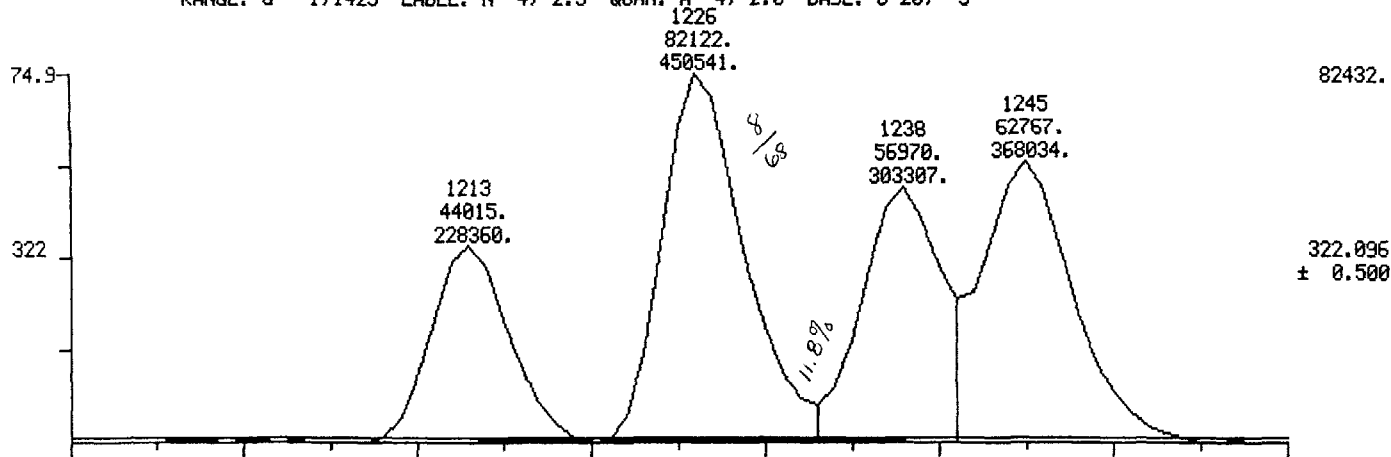
SAMPLE: ZUL OF CPSM

RANGE: G 1.1425 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920C #1425

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 23:35:00

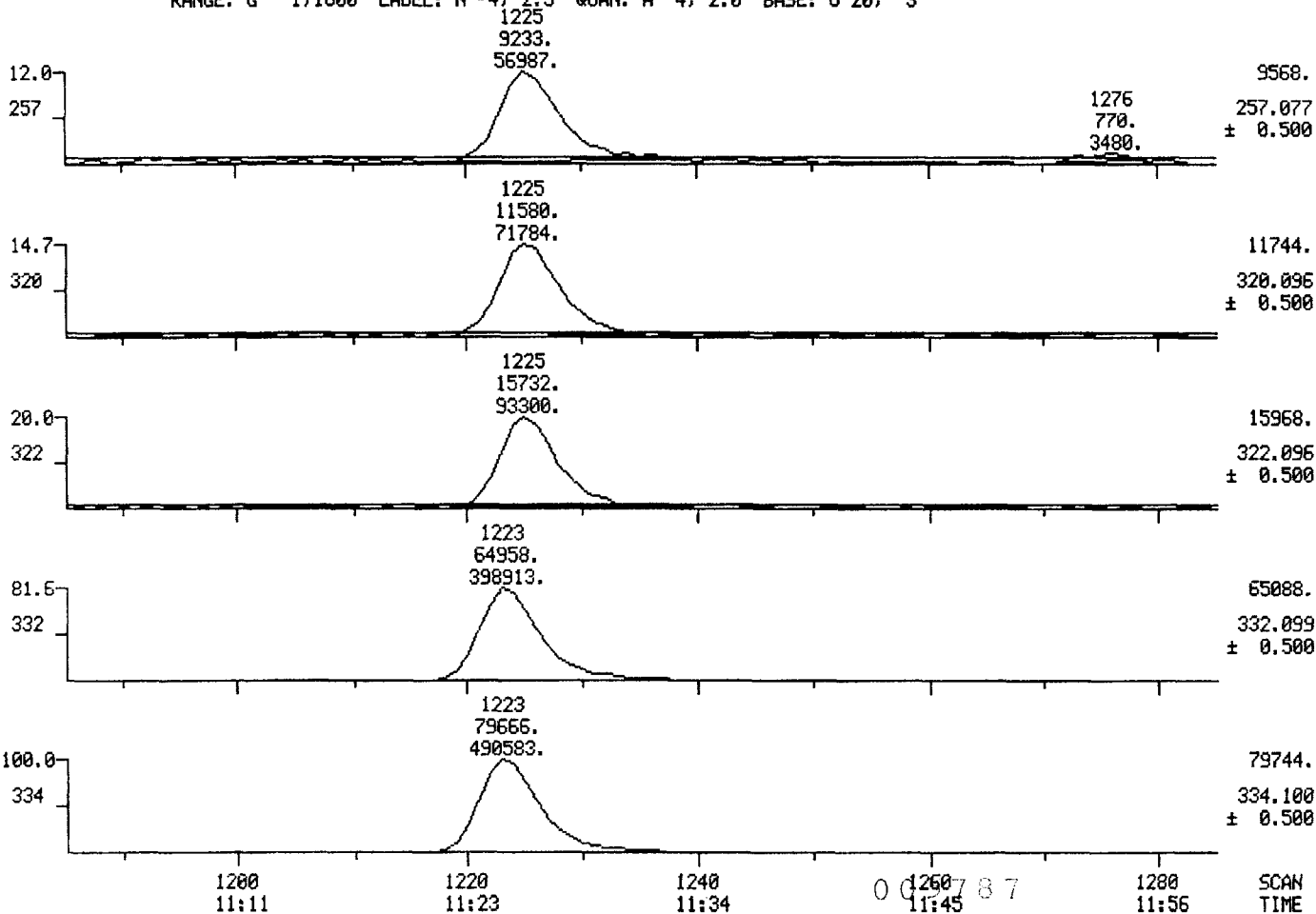
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920D #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

03/20/84 23:35:00

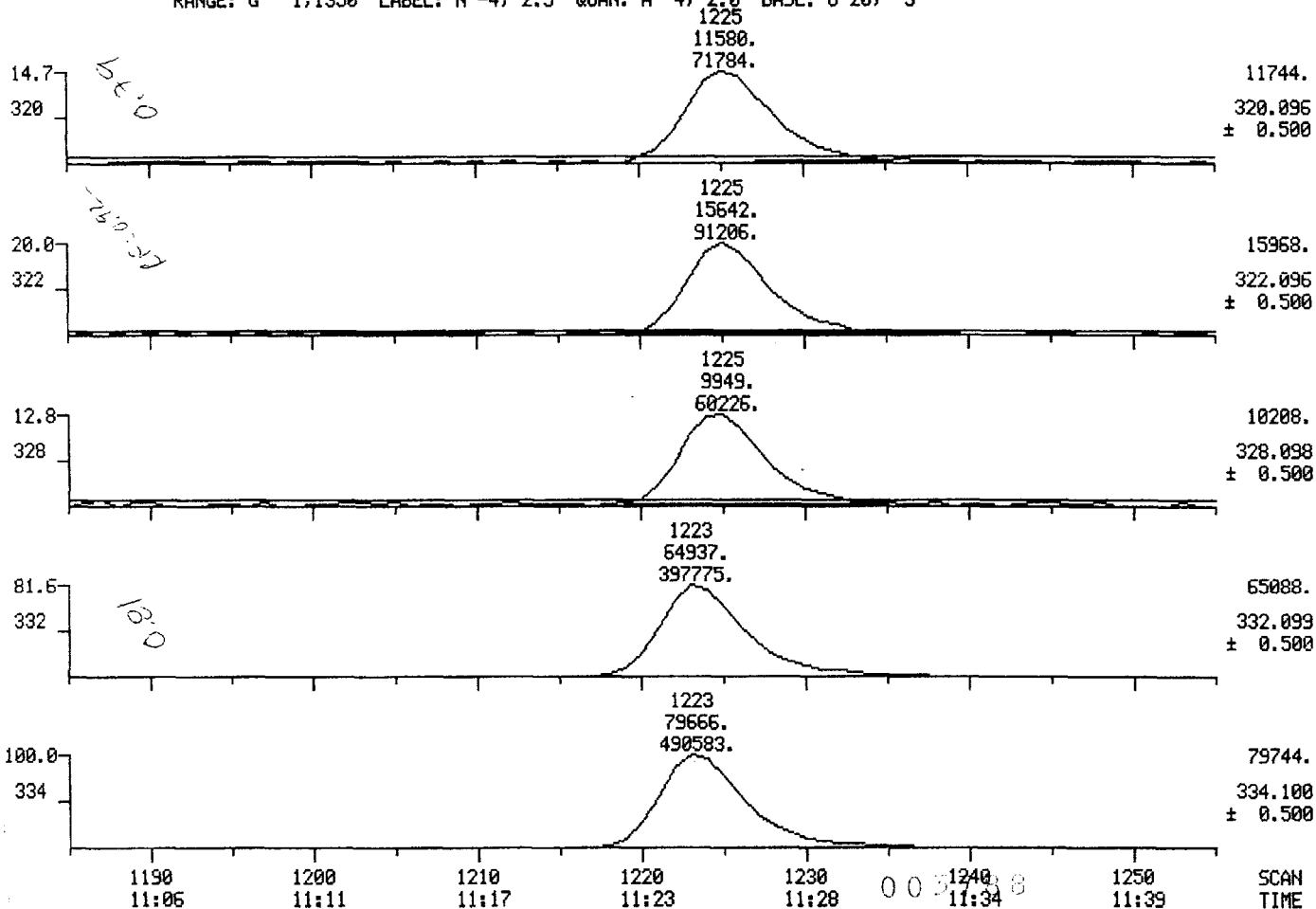
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1,1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST5840920D #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 23:35:00

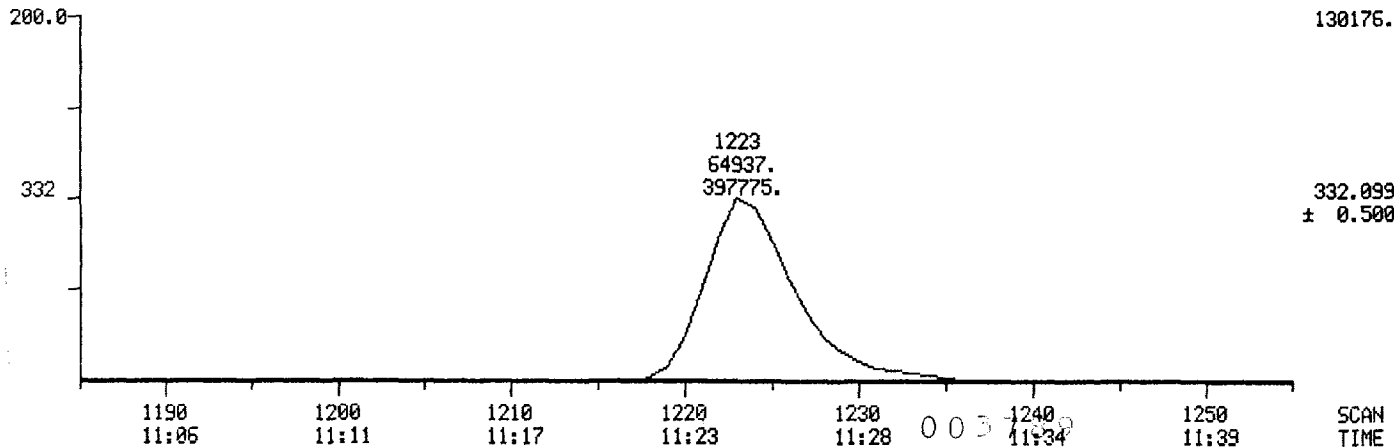
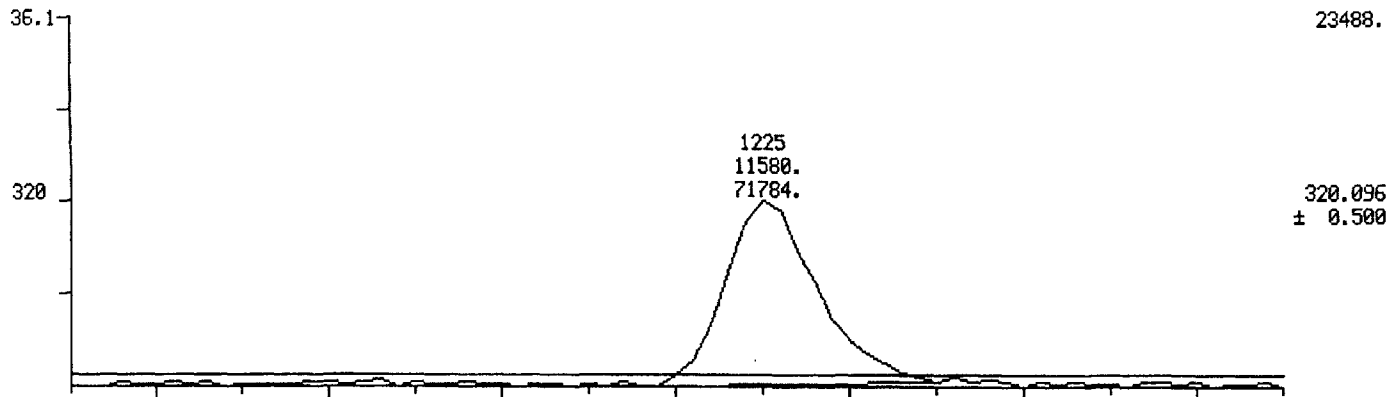
SAMPLE: 2UL OF 0.2NG/UL TCDD STD, CALI#1

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: ST58409200 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 23:57:00

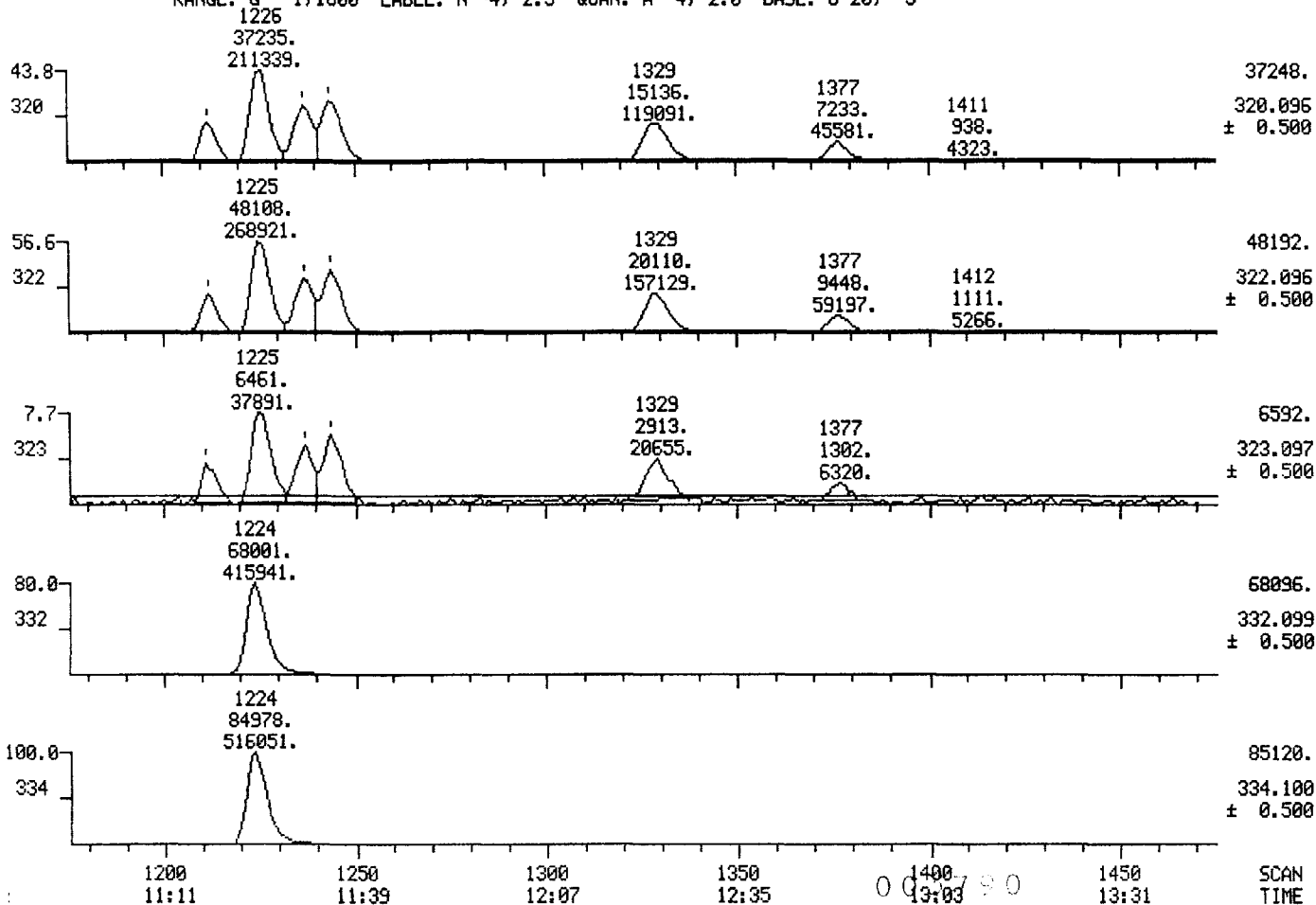
SAMPLE: CPSM

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH58409200 #1

CALI: F5840920 #10

SCANS 1175 TO 1475



MID MASS CHROMATOGRAMS

09/20/84 23:57:00

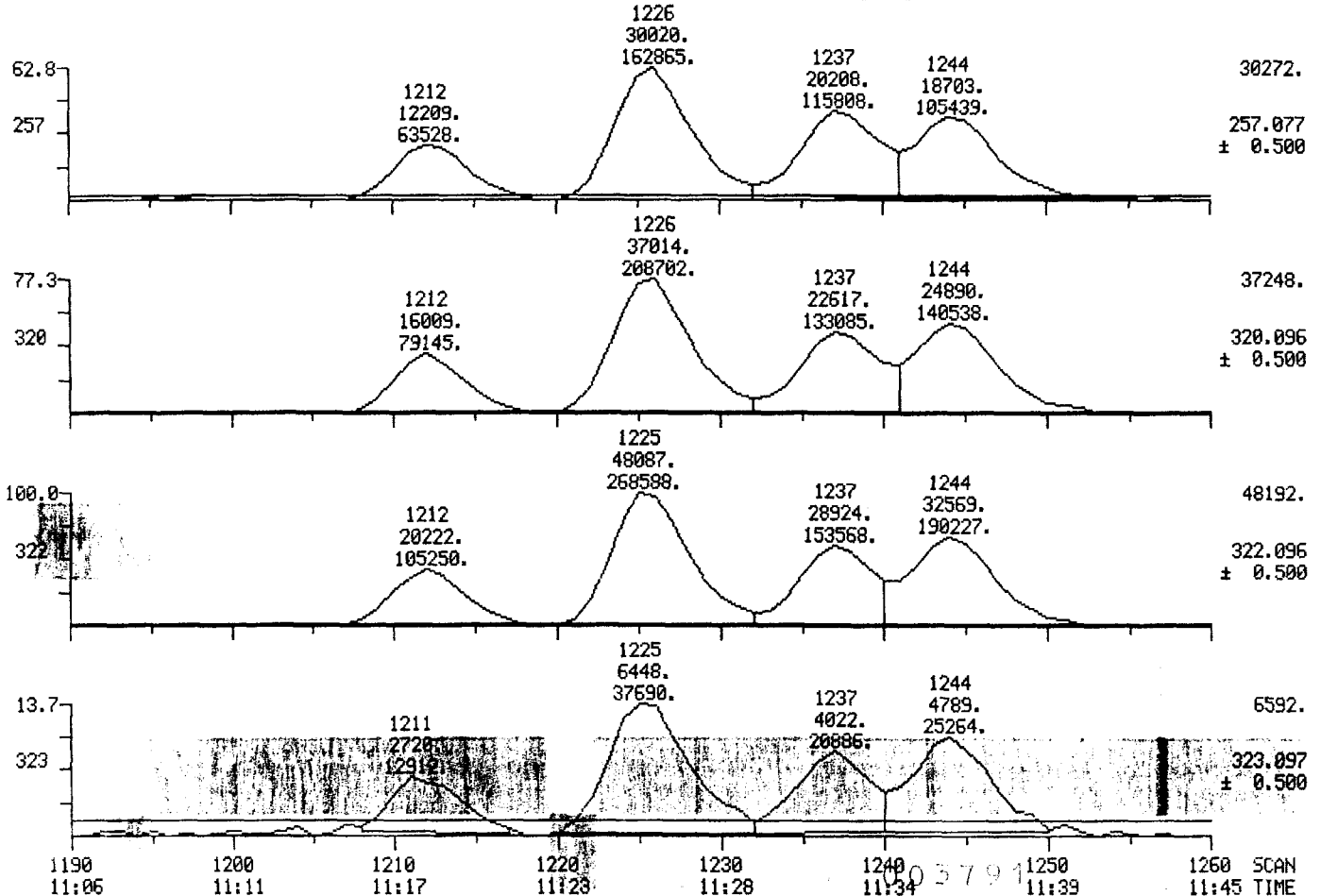
SAMPLE: CPSM

RANGE: G 1,1491 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH58409200 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 23:57:00

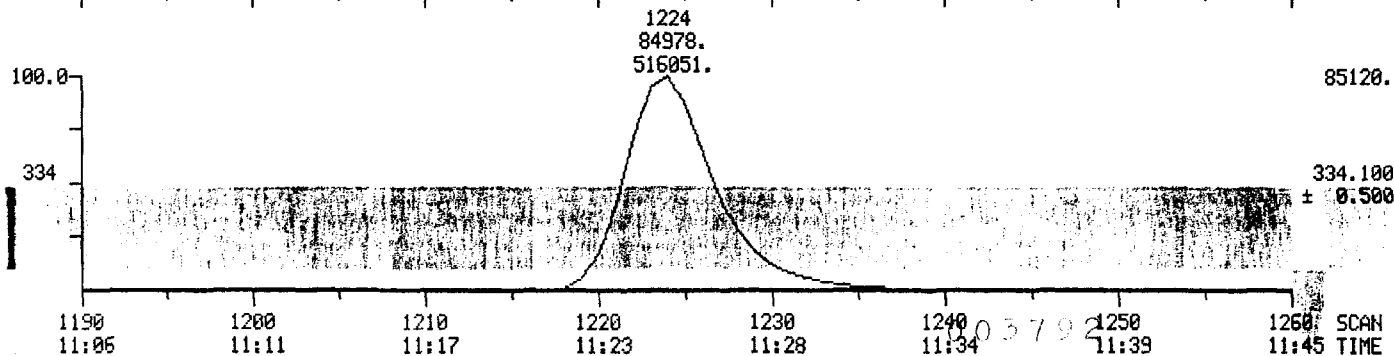
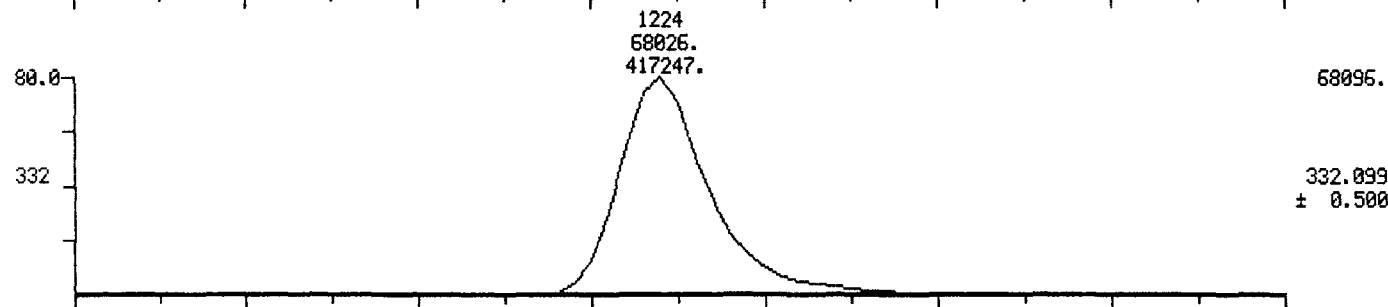
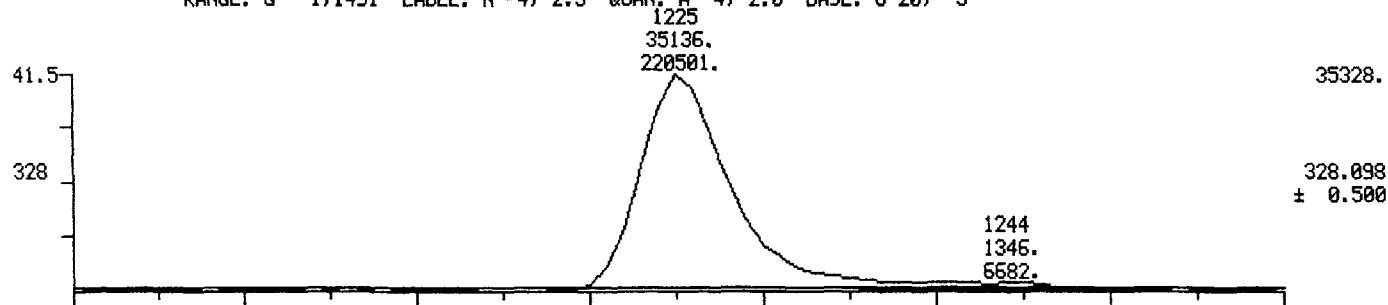
SAMPLE: CPSM

RANGE: G 1.1491 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH58409200 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 23:57:00

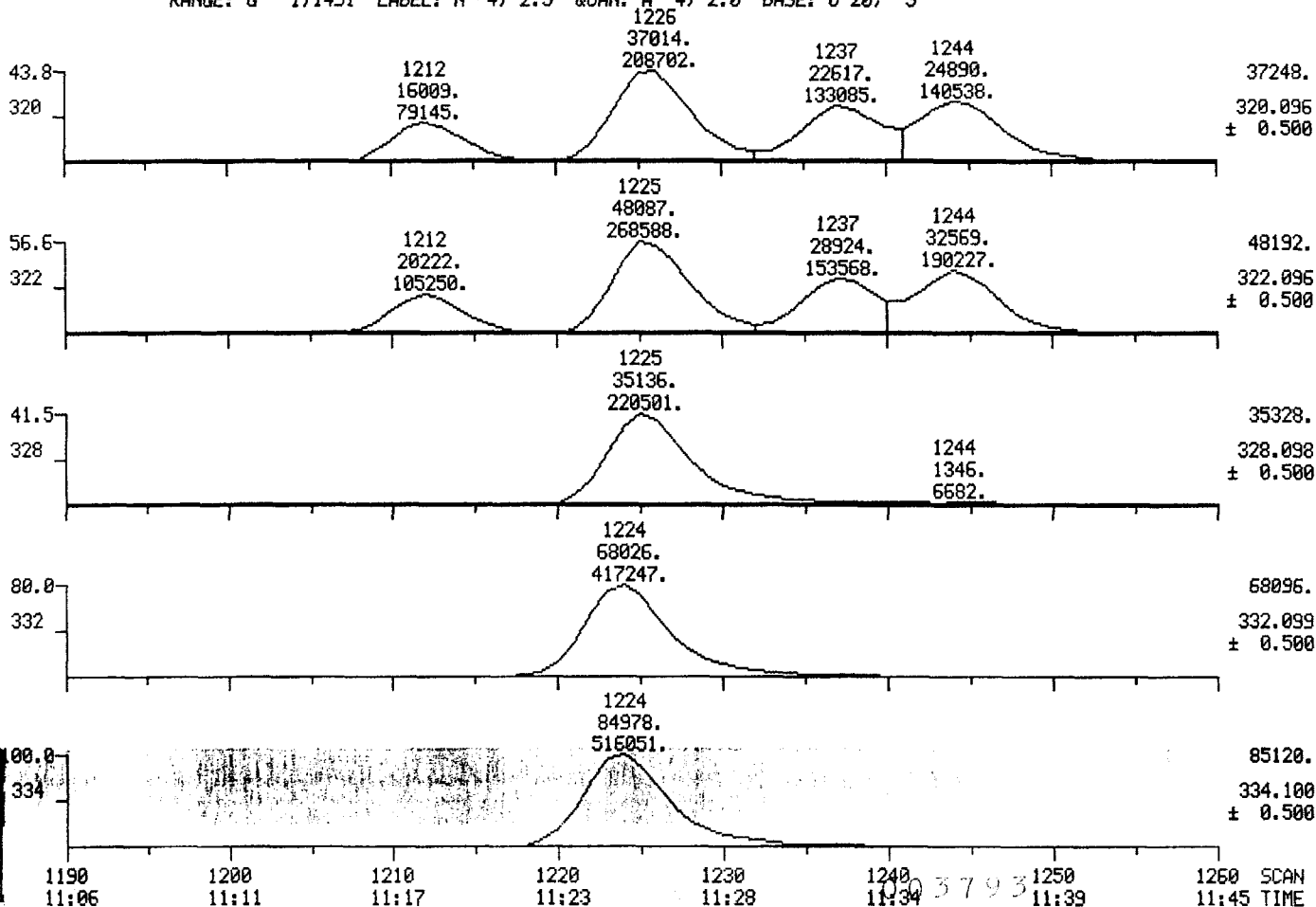
SAMPLE: CPSM

RANGE: G 1,1491 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH58409200 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

09/20/84 23:57:00

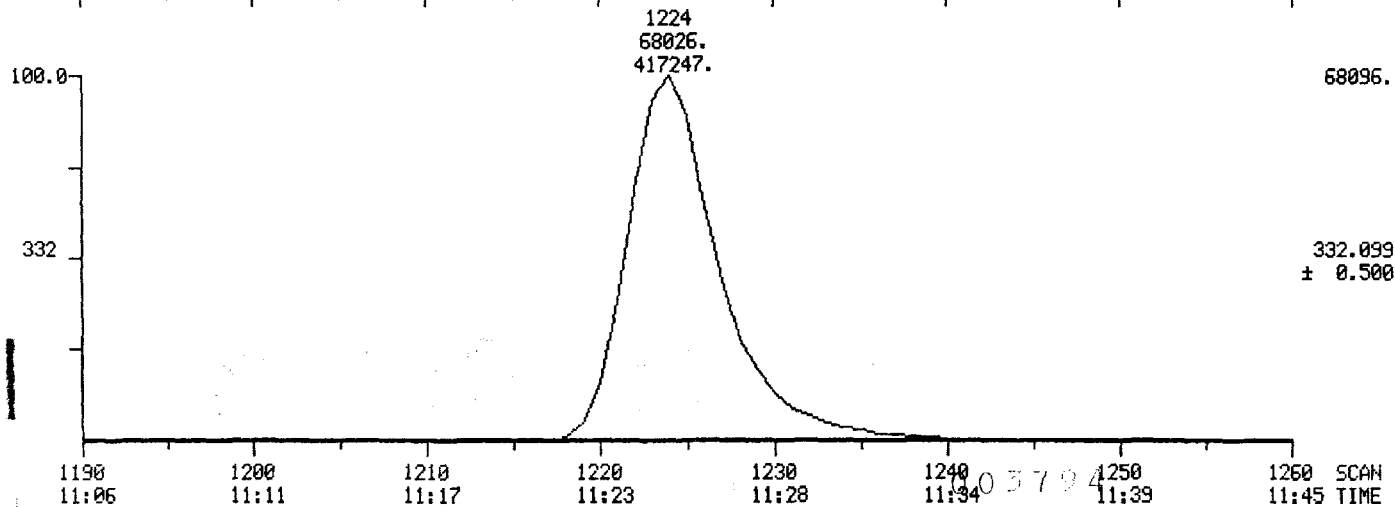
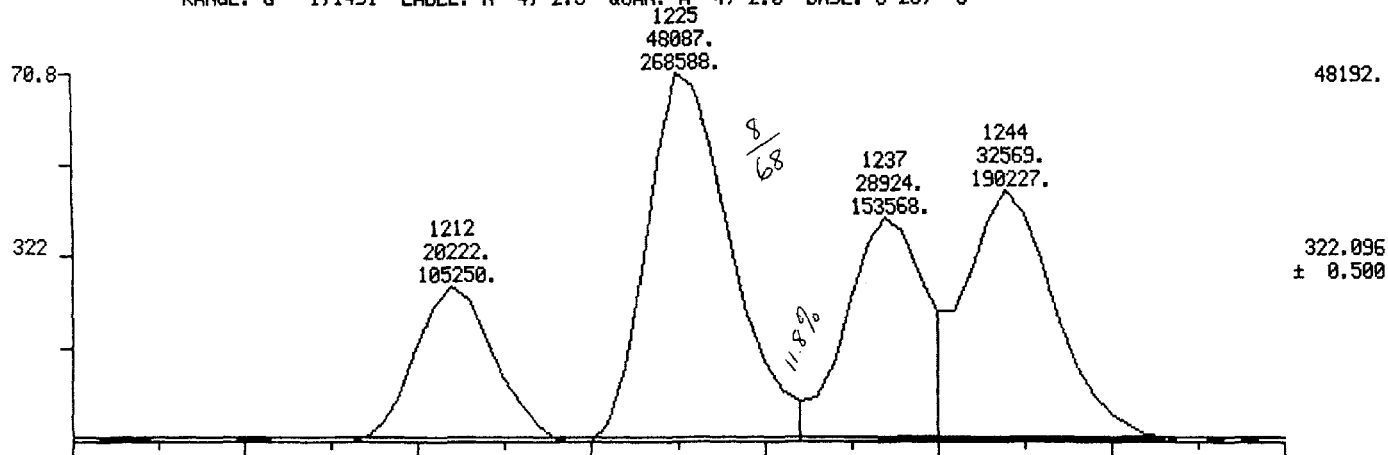
SAMPLE: CPSM

RANGE: G 1.1491 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: DH5840920 #1

CALI: F5840920 #10

SCANS 1190 TO 1260



MID MASS CHROMATOGRAMS

DATA: T2341MBRI #1400

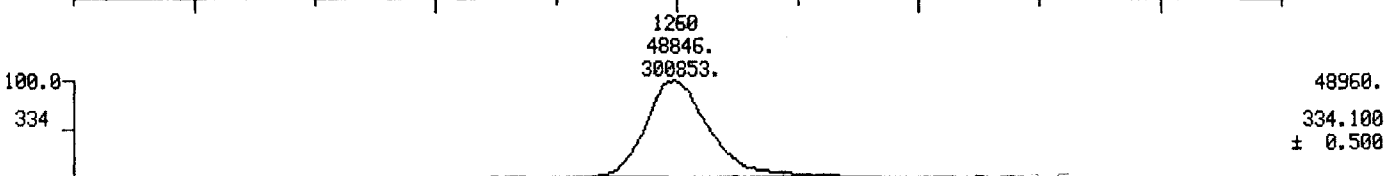
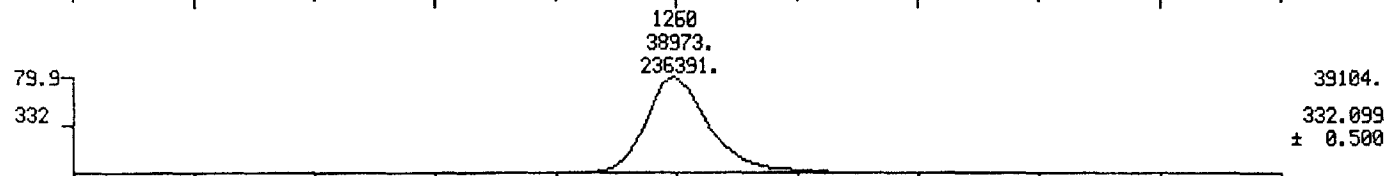
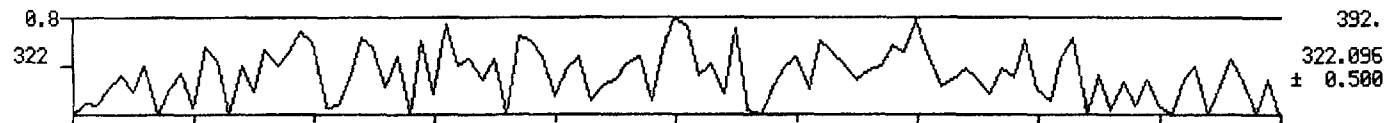
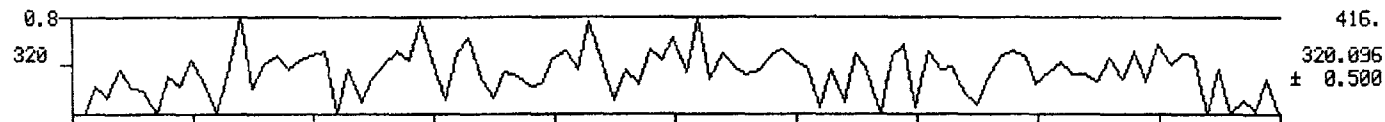
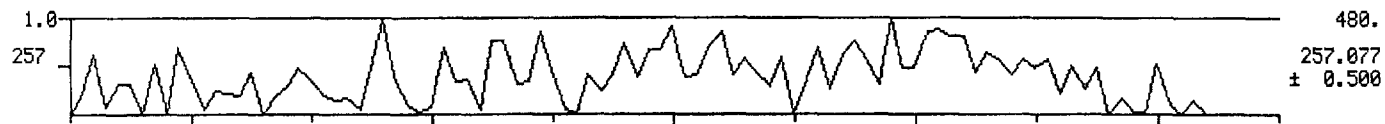
SCANS 1210 TO 1310

09/18/84 8:03:00

CALI: F5840918 #10

SAMPLE: 2UL OF 50UL CONC., METHOD BLANK(10.00GMS) IFB

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



1220
11:35

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12:20

SCAN
TIME

005795

MID MASS CHROMATOGRAMS

DATA: T2341MBRI #1400

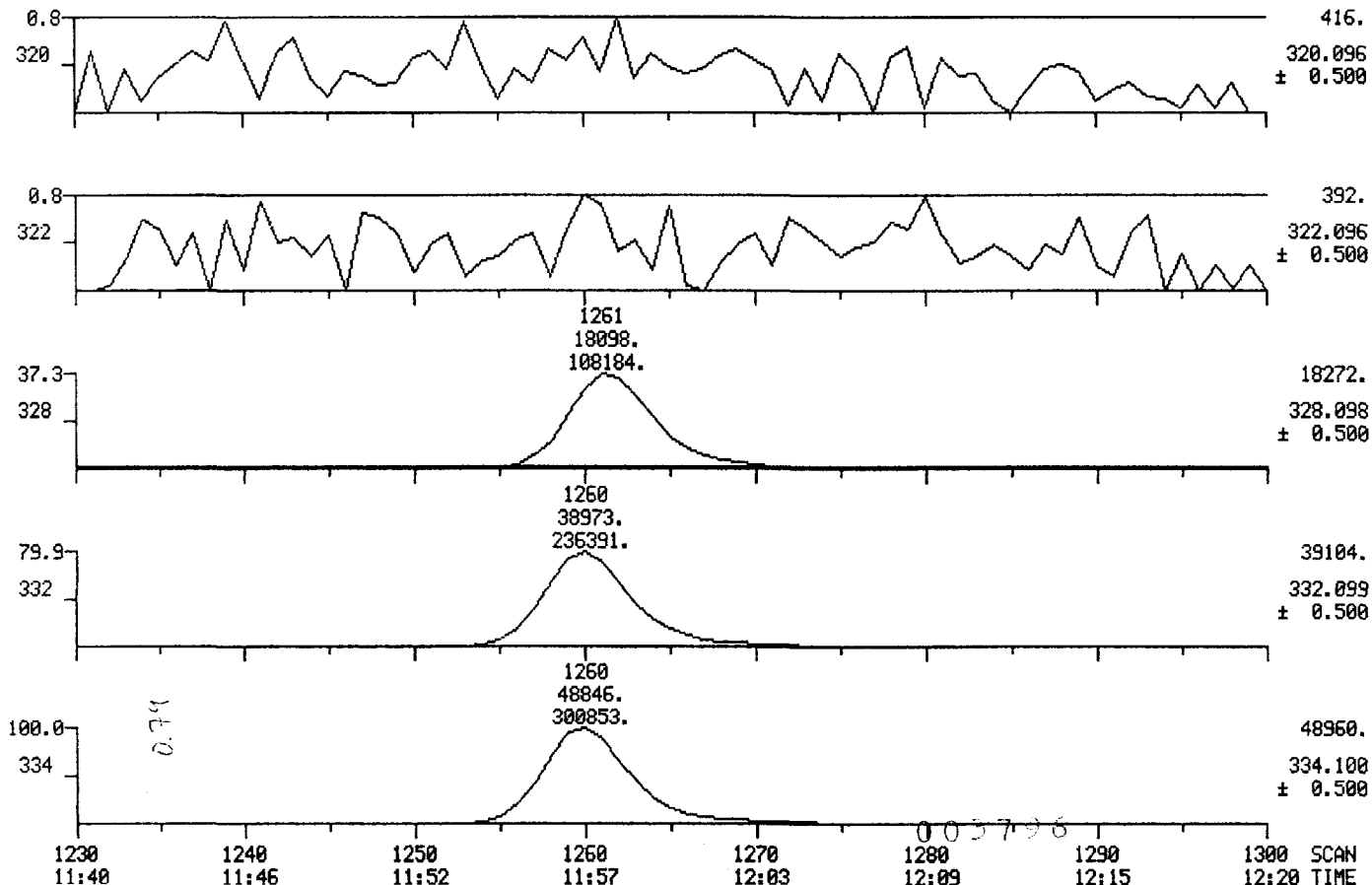
SCANS 1230 TO 1300

09/18/84 8:03:00

CALI: F5840918 #10

SAMPLE: 2UL OF 50UL CONC., METHOD BLANK(10.00GMS) IFB

RANGE: G 1.1400 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: T2341MBRI #1400

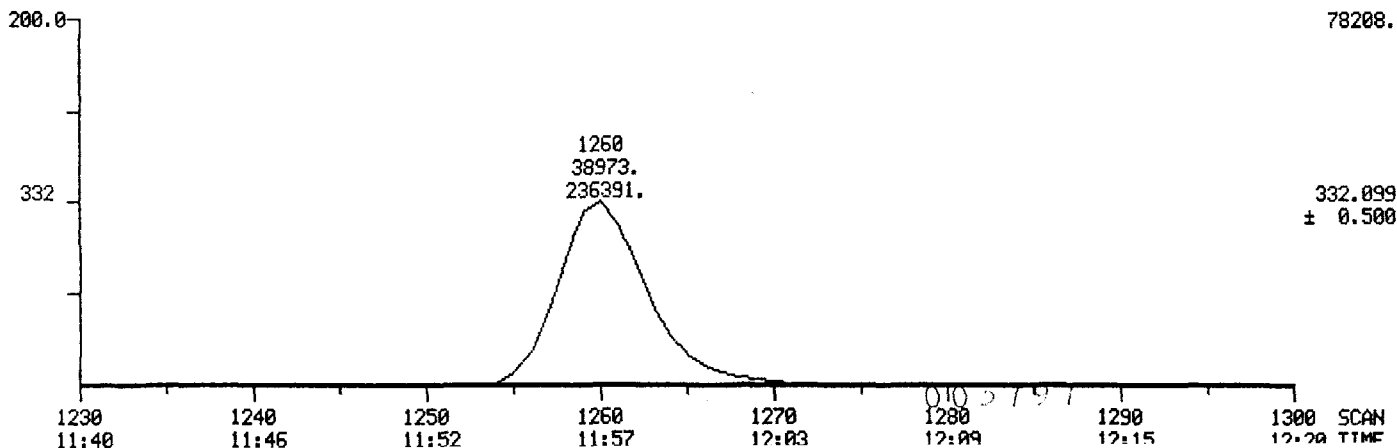
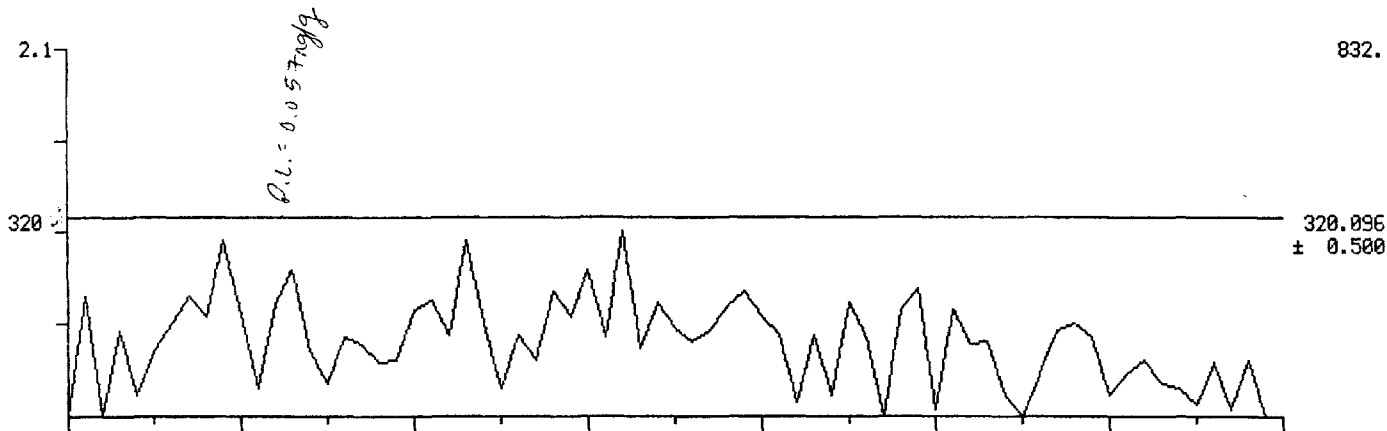
SCANS 1230 TO 1300

09/18/84 8:03:00

CALI: F5940918 #10

SAMPLE: 2UL OF 50UL CONC., METHOD BLANK(10.00GMS) IFB

RANGE: G 1.1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: T2346DRI #1260

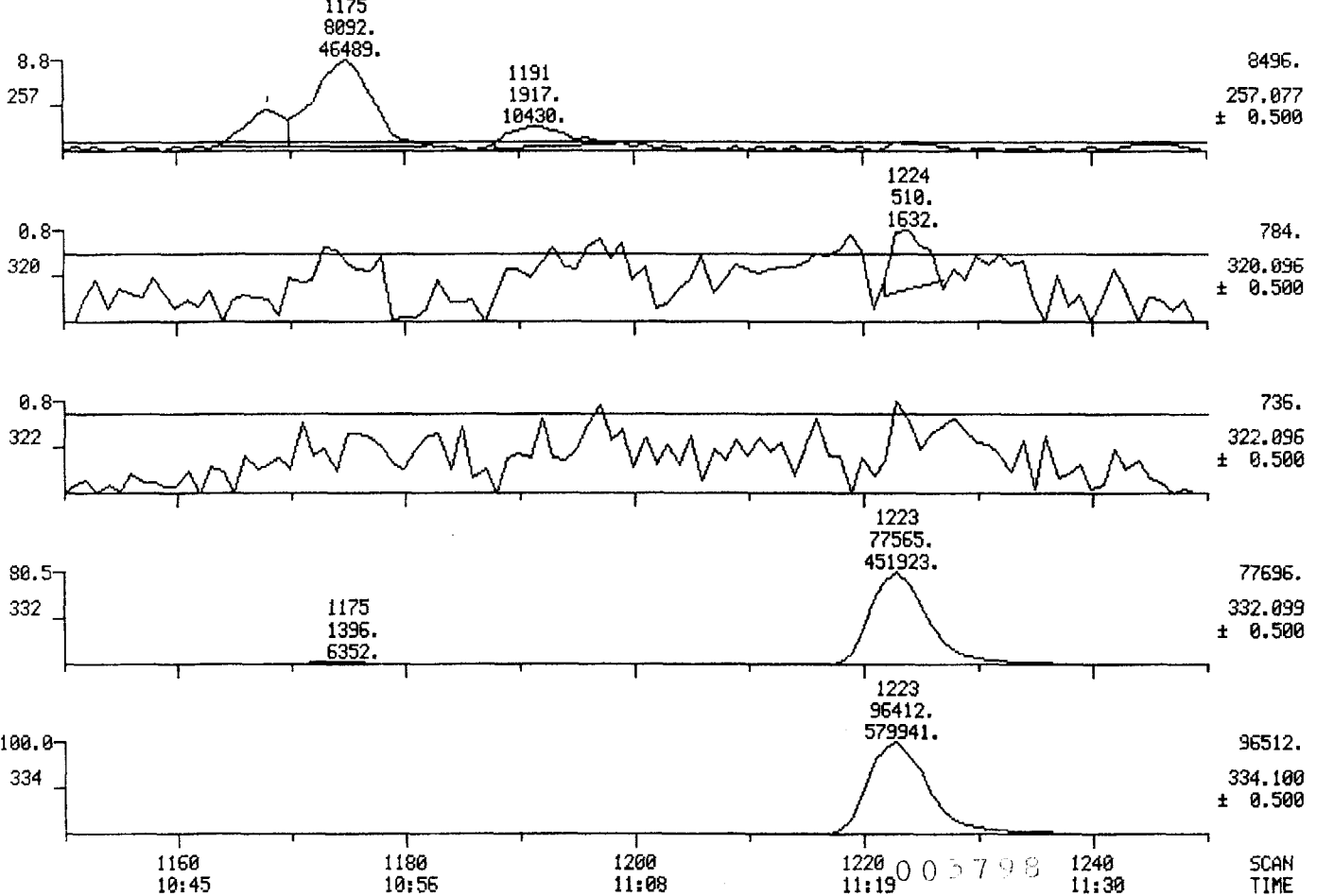
SCANS 1150 TO 1250

09/19/84 20:52:00

CALI: F5840919A #5

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003806-DUP (10.23G), IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: T2346DRI #1

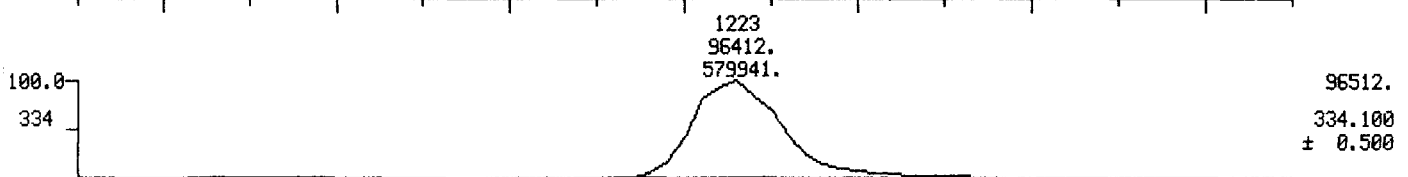
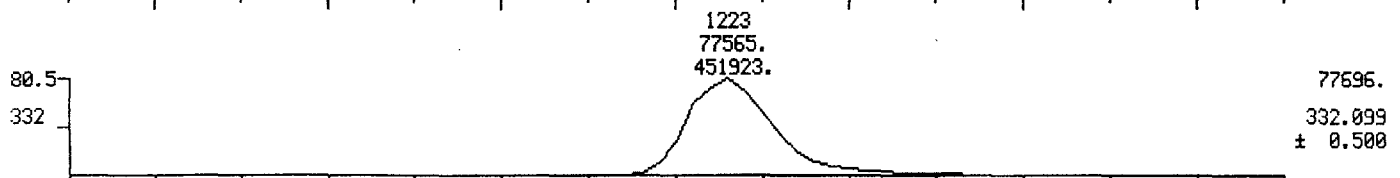
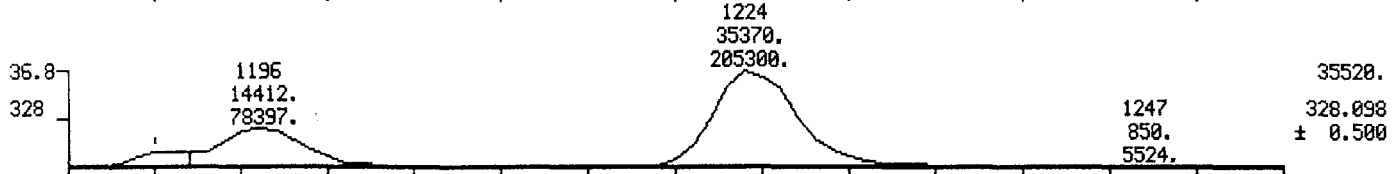
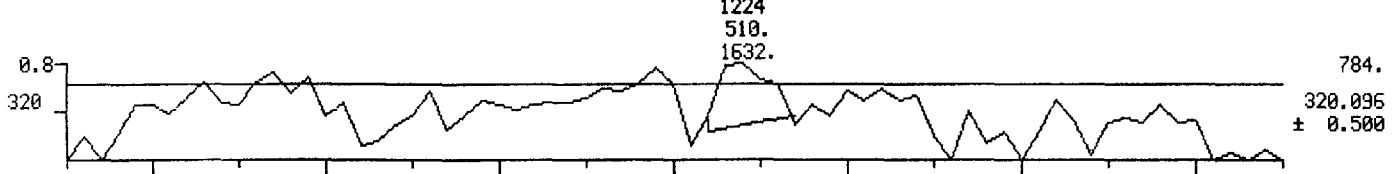
SCANS 1185 TO 1255

09/19/84 20:52:00

CALI: F5840919A #5

SAMPLE: ZUL OF 50UL CONC, CASE 3089-06, DF003806-DUP (10.23G), IFB

RANGE: G 1,1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



1190 1200 1210 1220 1230 00 1240 1250 SCAN
11:02 11:08 11:13 11:19 11:24 11:30 11:35 TIME

MID MASS CHROMATOGRAMS

DATA: T2346DRI #1

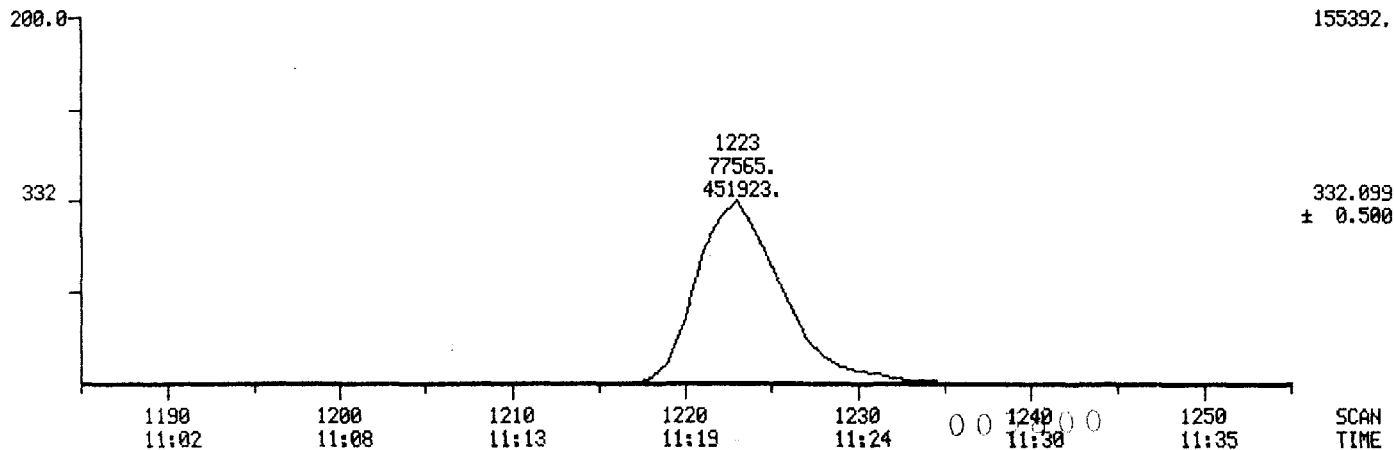
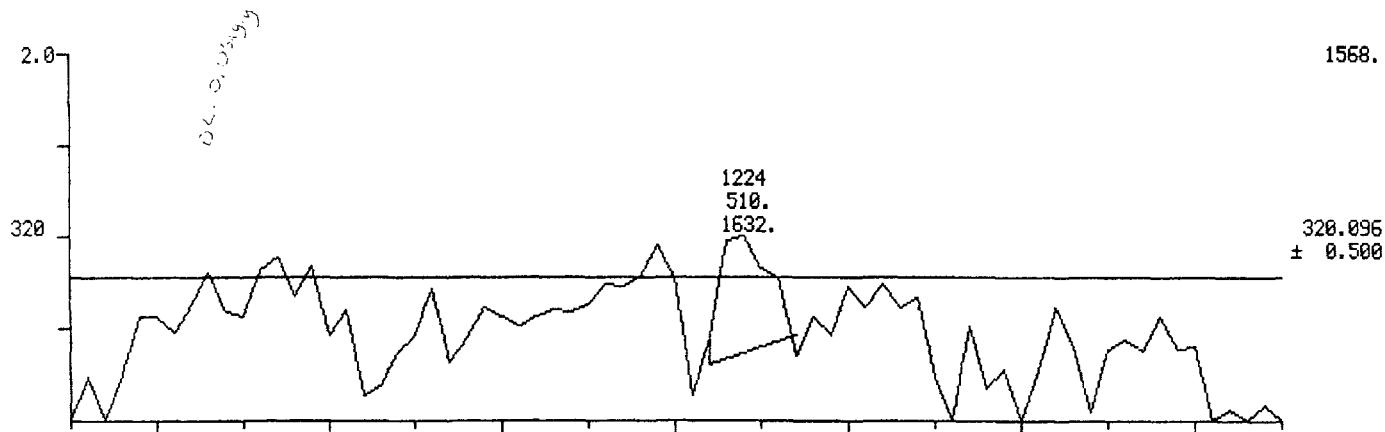
SCANS 1185 TO 1255

09/19/84 20:52:00

CALI: F5940919A #5

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003806-DUP (10.23G), IFB

RANGE: G 1.1260 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 21:10:00

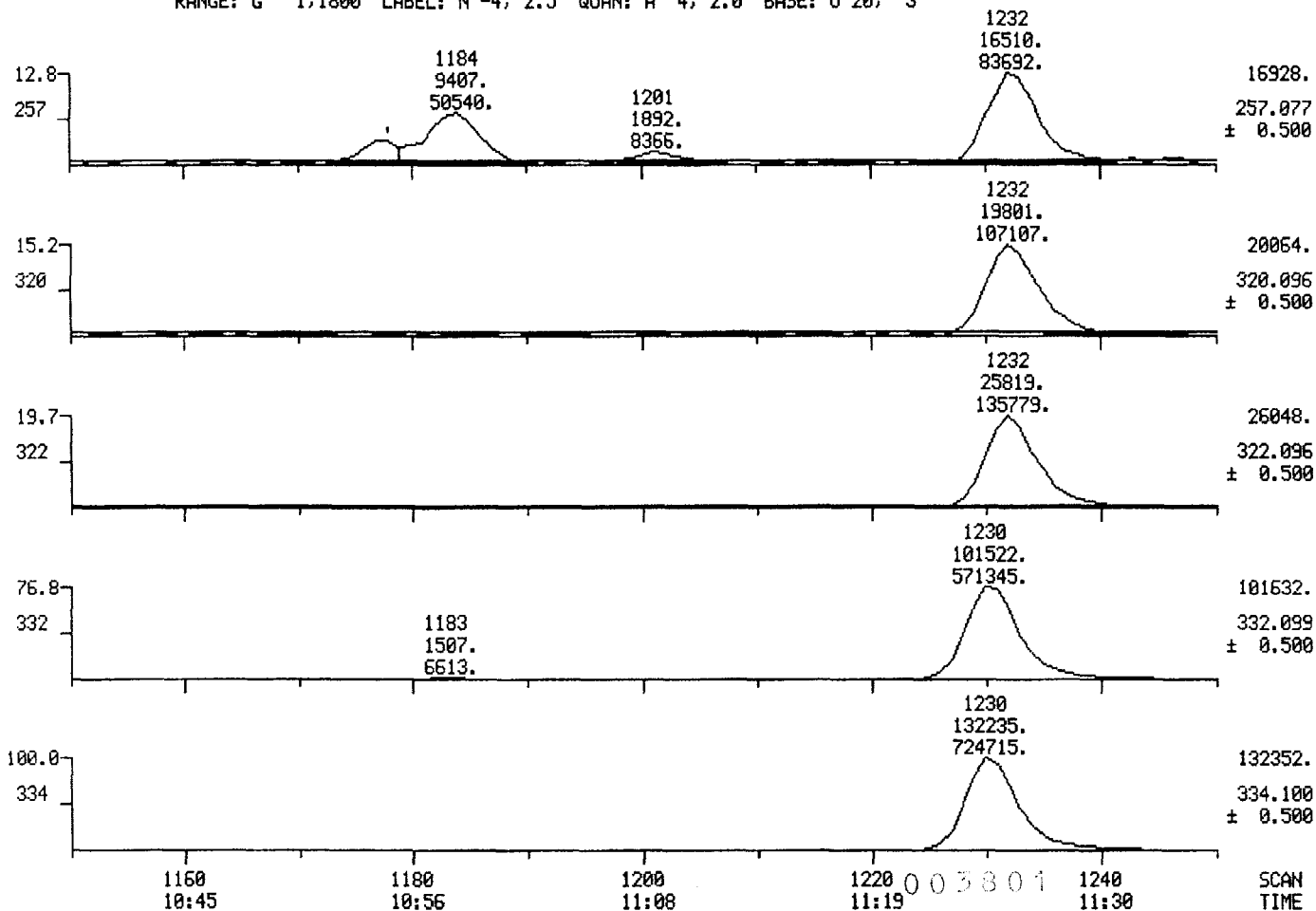
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003807-NS (9.97G), IFB

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2347NSRI #1

CALI: F5840919A #5

SCANS 1150 TO 1250



MID MASS CHROMATOGRAMS

DATA: T2347NSRI #1

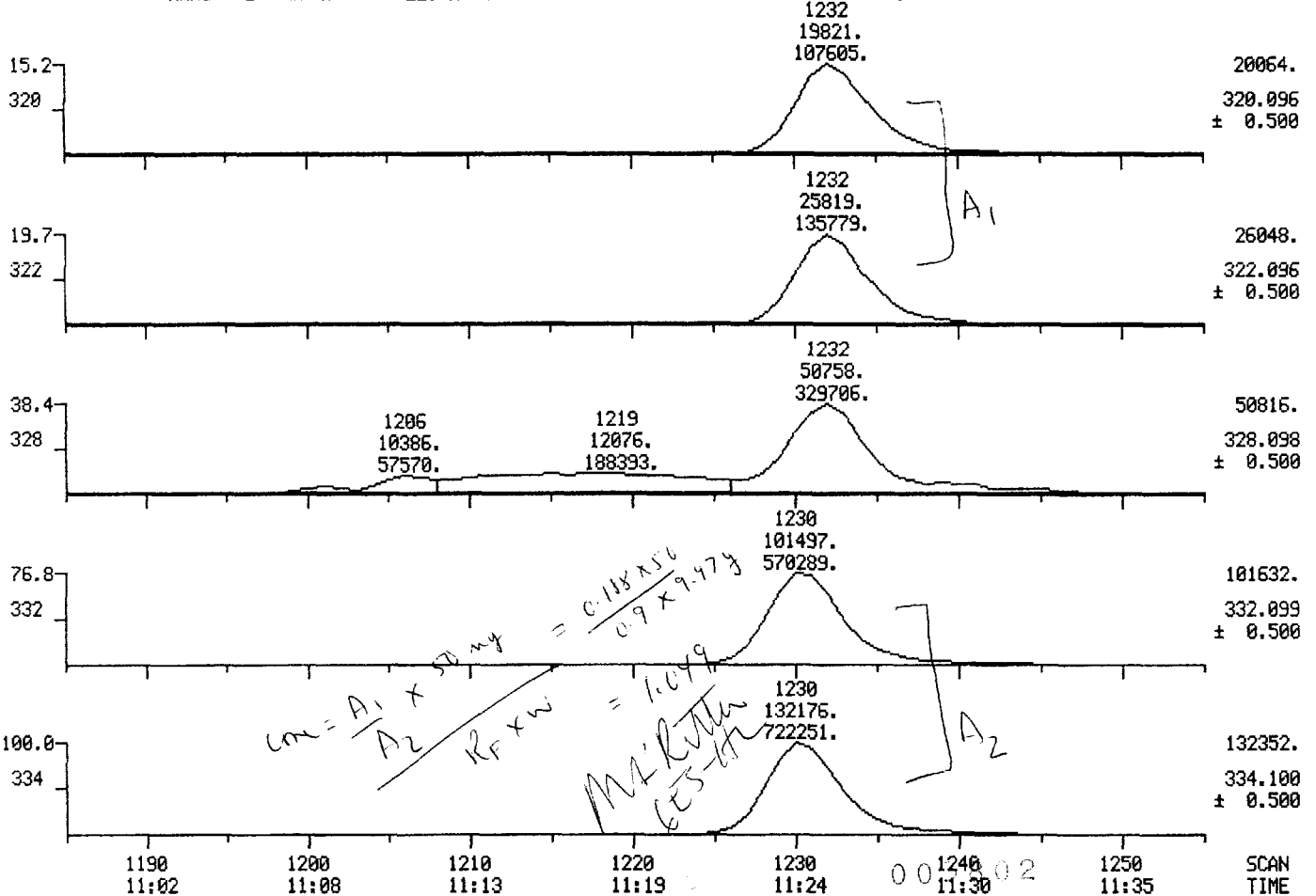
SCANS 1185 TO 1255

09/19/84 21:10:00

CALI: F5840919A #5

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003807-N5 (9.97G), IFB

RANGE: G 1,1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 21:10:00

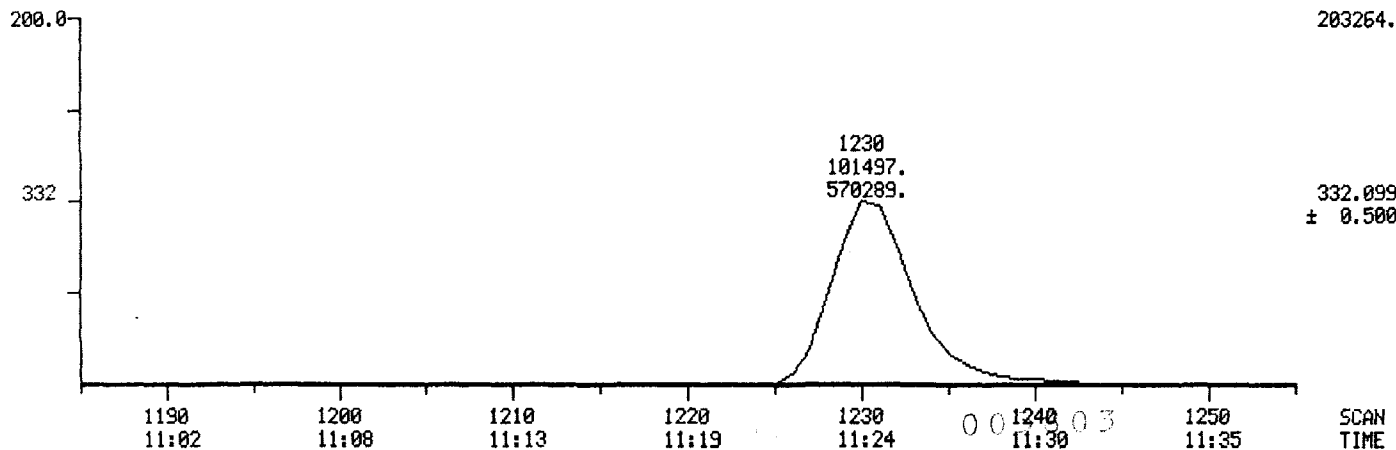
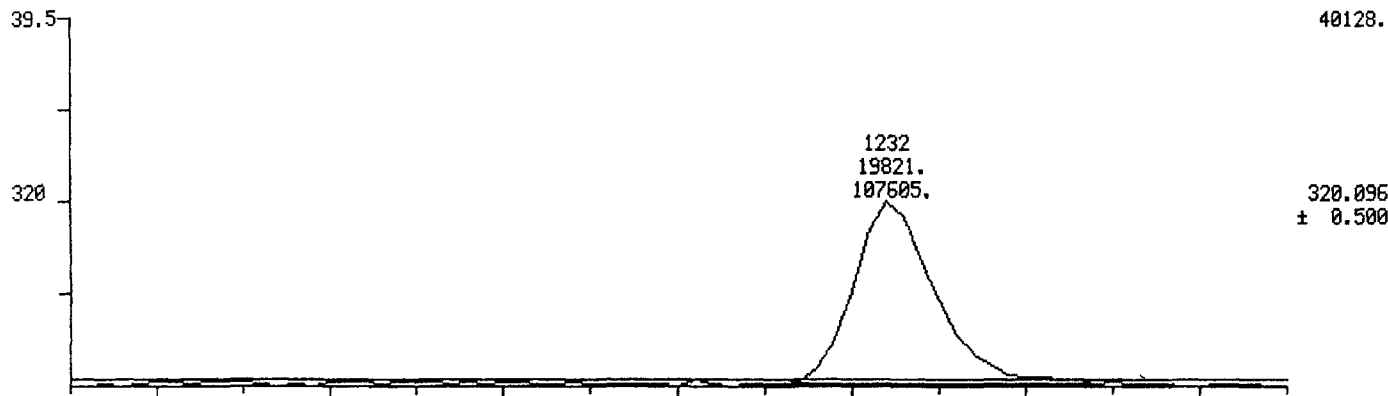
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003807-NS (9.97G), IFB

RANGE: G 1.1250 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2347NSRI #1

CALI: F5840919A #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/18/84 8:30:00

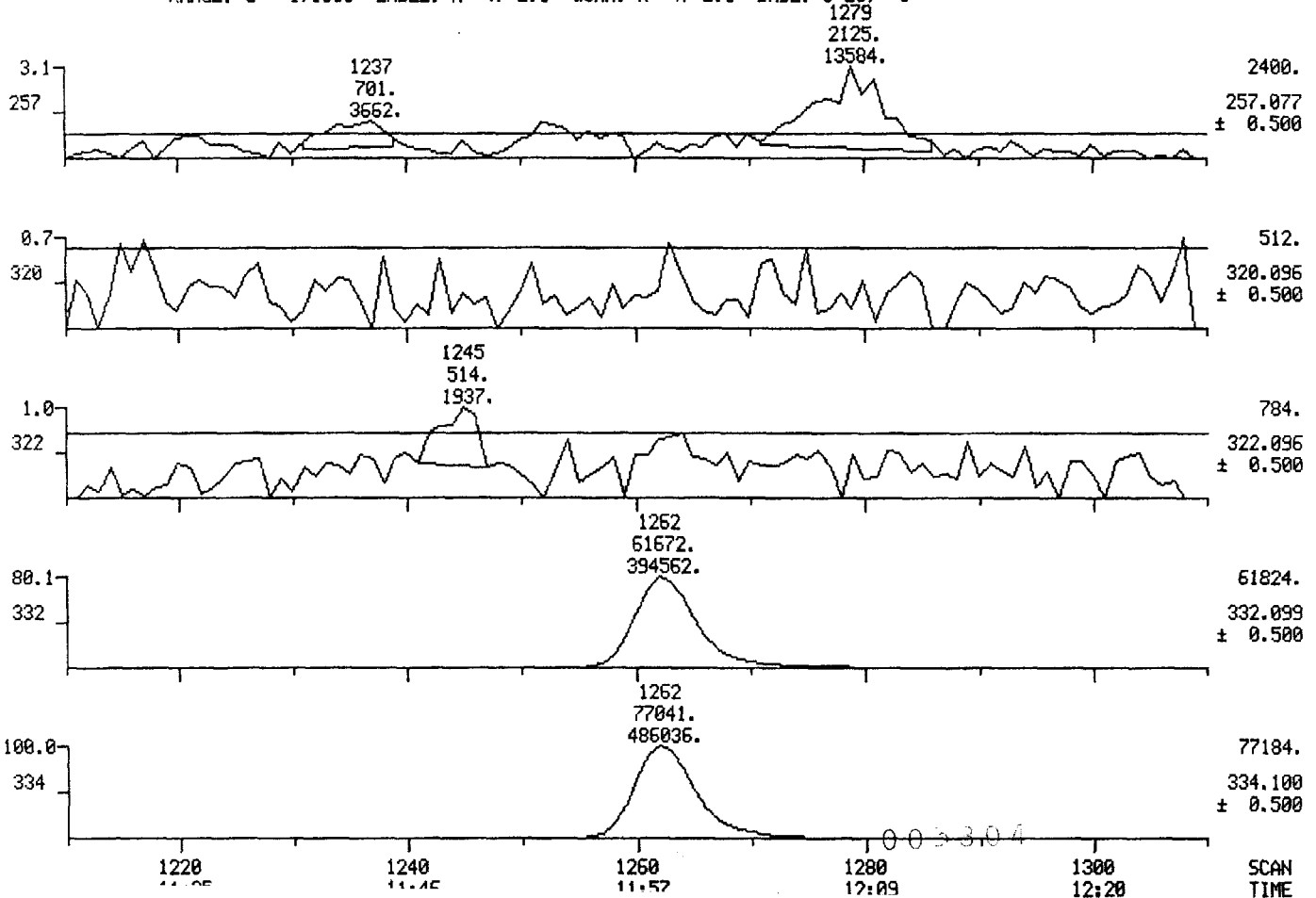
SAMPLE: 2UL OF 50UL CONC., DF003801(100ML)

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2341RI #1400

CALI: F5840918 #10

SCANS 1210 TO 1310



MID MASS CHROMATOGRAMS

09/19/84 9:30:00

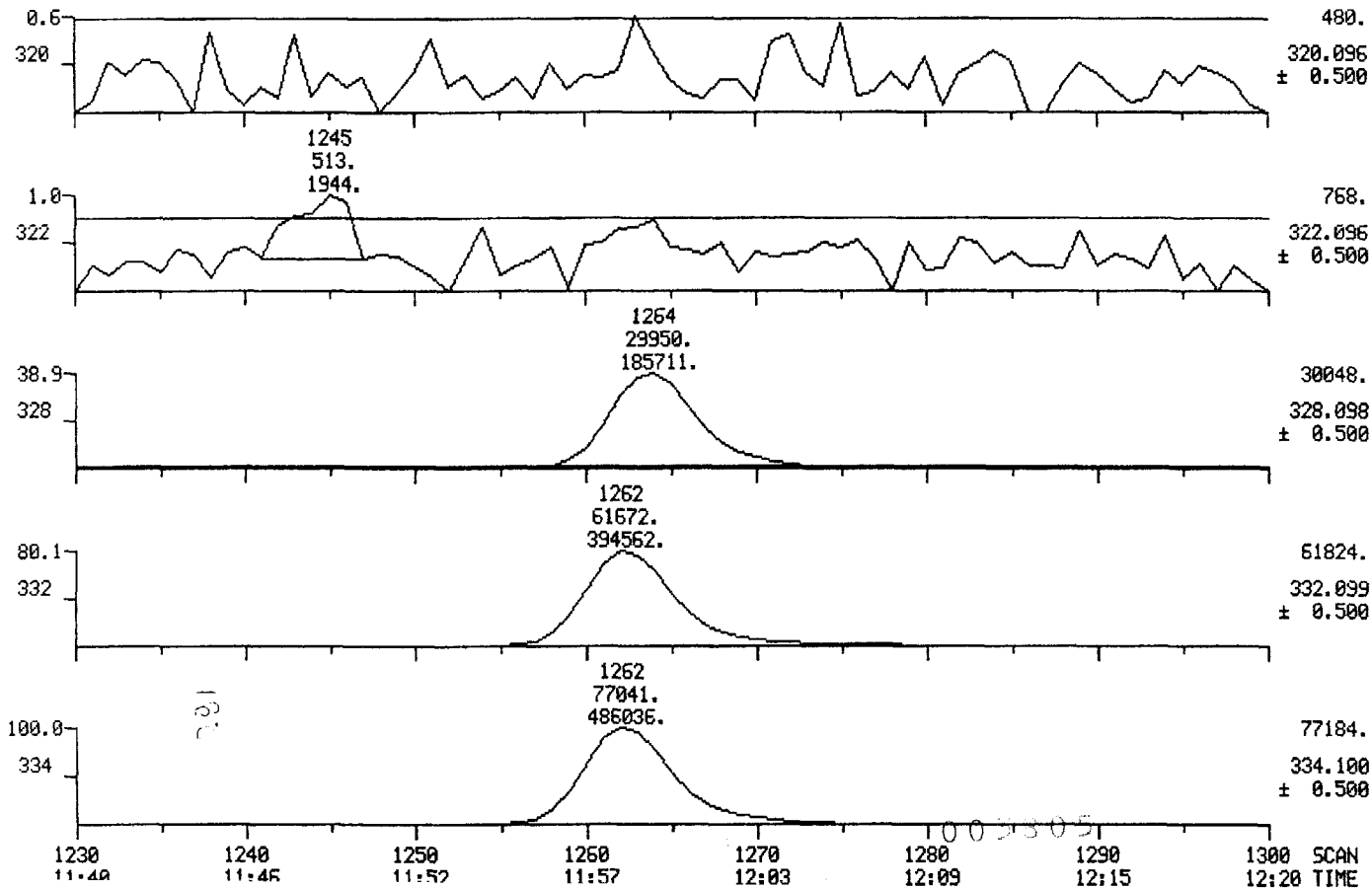
SAMPLE: 2UL OF 50UL CONC., DF003801(100ML)

RANGE: G 1,1400 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2341RI #1400

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

09/18/84 8:30:00

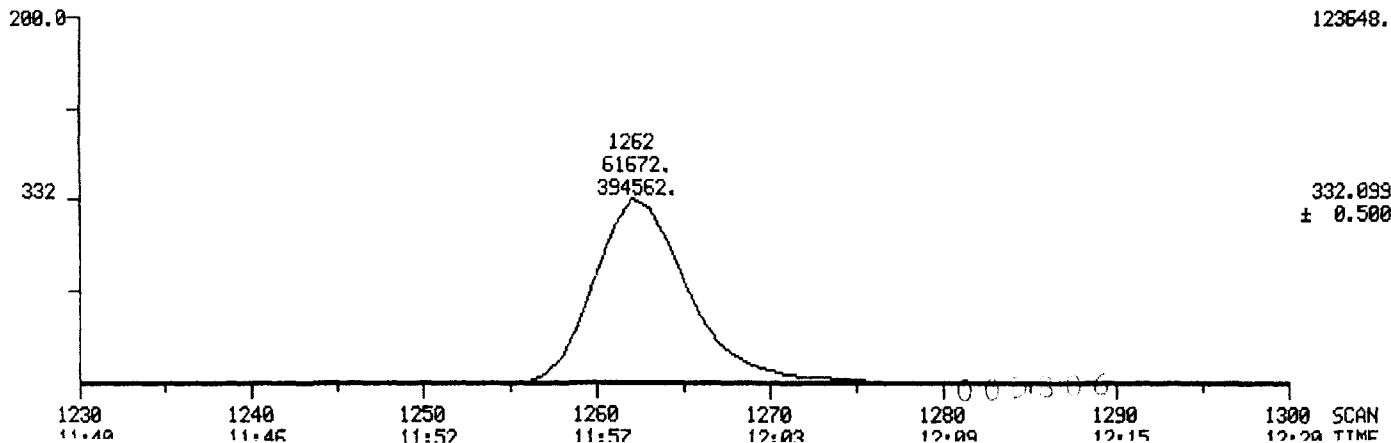
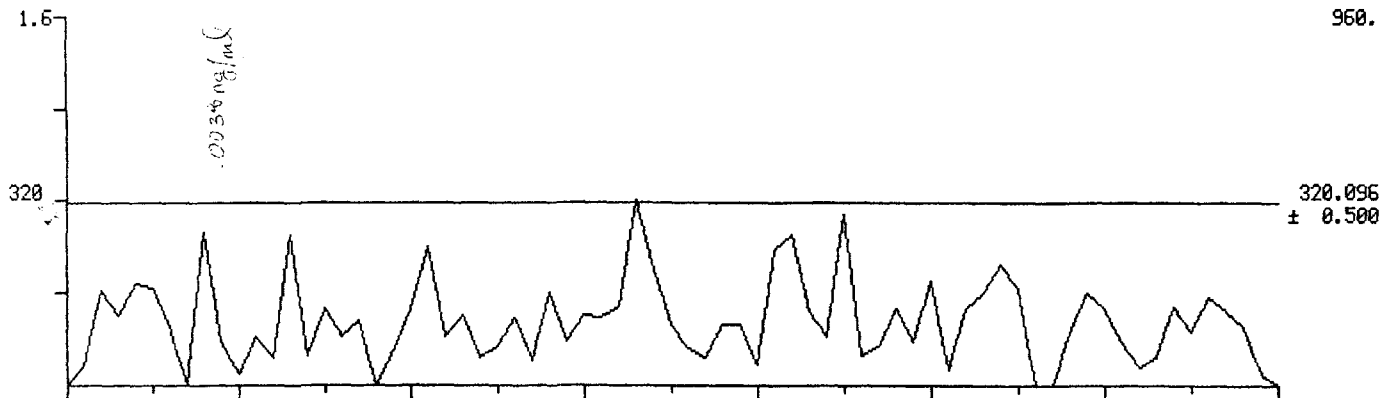
SAMPLE: 2UL OF 50UL CONC., DF003901(100ML)

RANGE: G 1.1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2341RI #1400

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

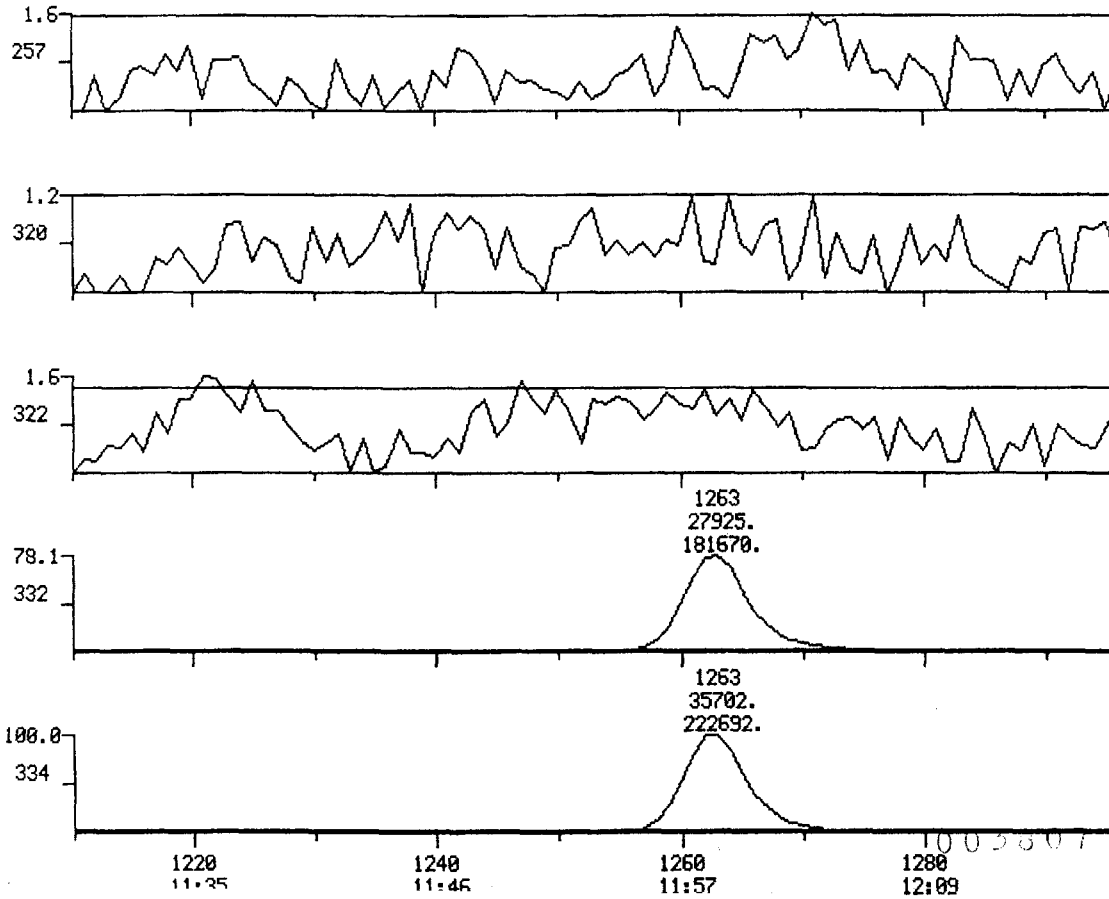
09/18/84 9:14:00

SAMPLE: 2UL OF 50UL CONC., DF003803(10.0GMS) IFB

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2343RI #1400

CALI: F5840918 #10



MID MASS CHROMATOGRAMS

09/18/84 9:14:00

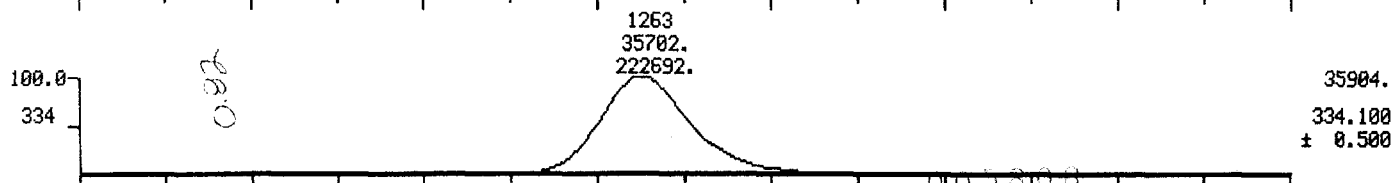
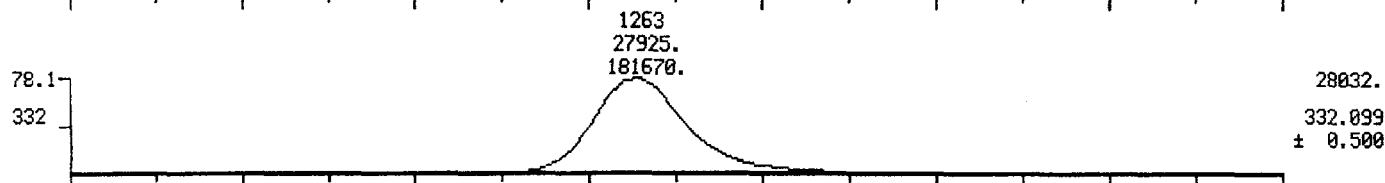
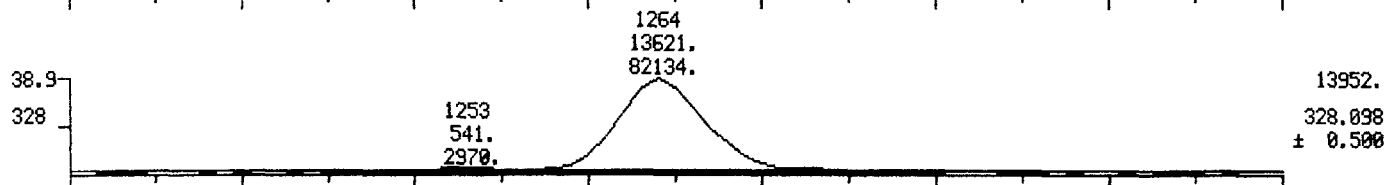
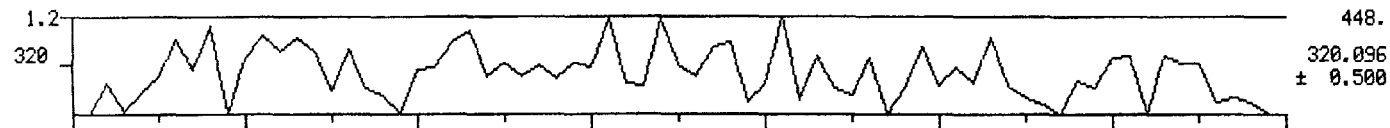
SAMPLE: ZUL OF 50UL CONC., DF003803(10.0GMS) IFB

RANGE: G 1.1400 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2343RI #1400

CALI: F5840918 #10

SCANS 1230 TO 1300



1230 1240 1250 1260 1270 1280 1290 1300 SCAN
11:40 11:46 11:52 11:57 12:03 12:09 12:15 12:20 TIME

MID MASS CHROMATOGRAMS

DATA: T2343RI #1400

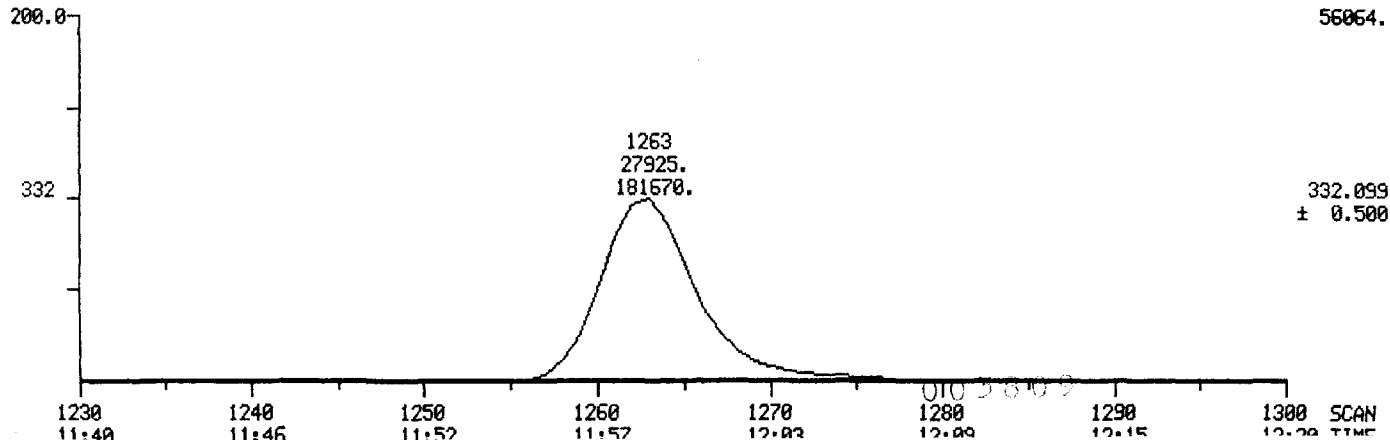
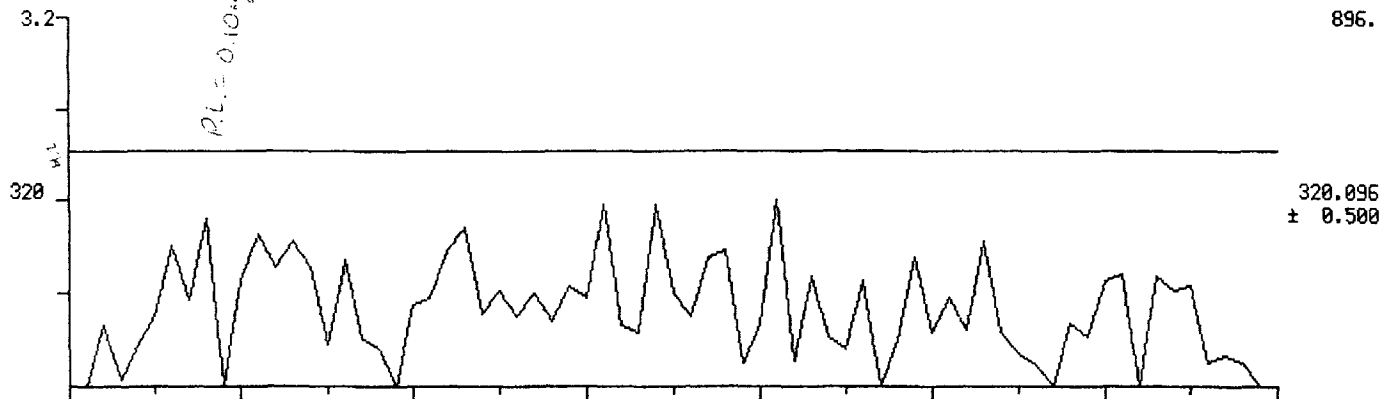
SCANS 1230 TO 1300

09/19/84 9:14:00

CALI: F5840918 #10

SAMPLE: 2UL OF 50UL CONC., DF003803(10.0GMS) IFB

RANGE: G 1,1400 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/18/84 21:10:00

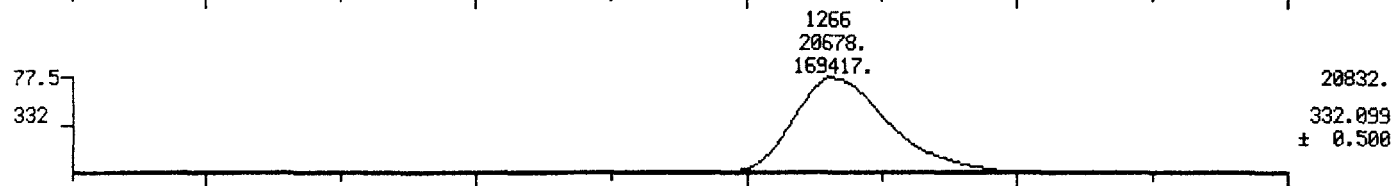
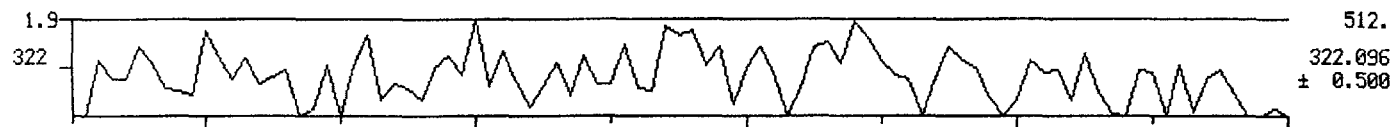
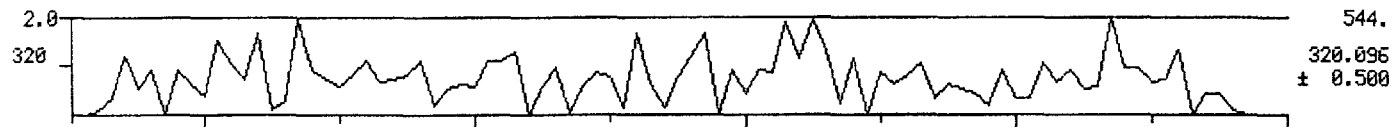
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003804 (10.13G), IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2344RI #1

CALI: F5840915 #3

SCANS 1210 TO 1300



1220
11:35

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12:09

1300 SCAN
12:20 TIME

MID MASS CHROMATOGRAMS

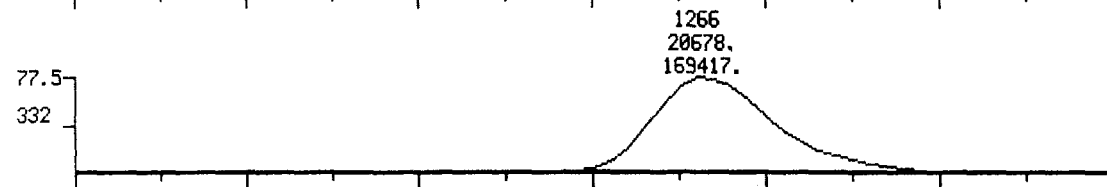
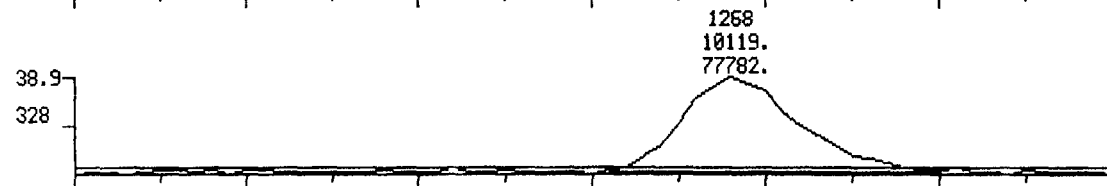
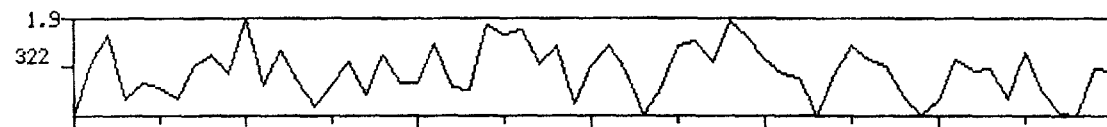
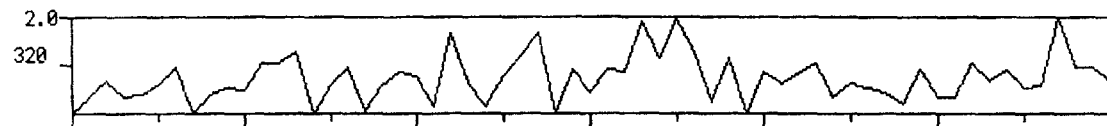
09/18/84 21:10:00

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003804 (10.13G), IFB

RANGE: G 1.1300 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2344RI #1

CALI: F5840915 #3



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12:03

12:09

12:15

010 5 8 1 1

MID MASS CHROMATOGRAMS

DATA: T2344RI #1

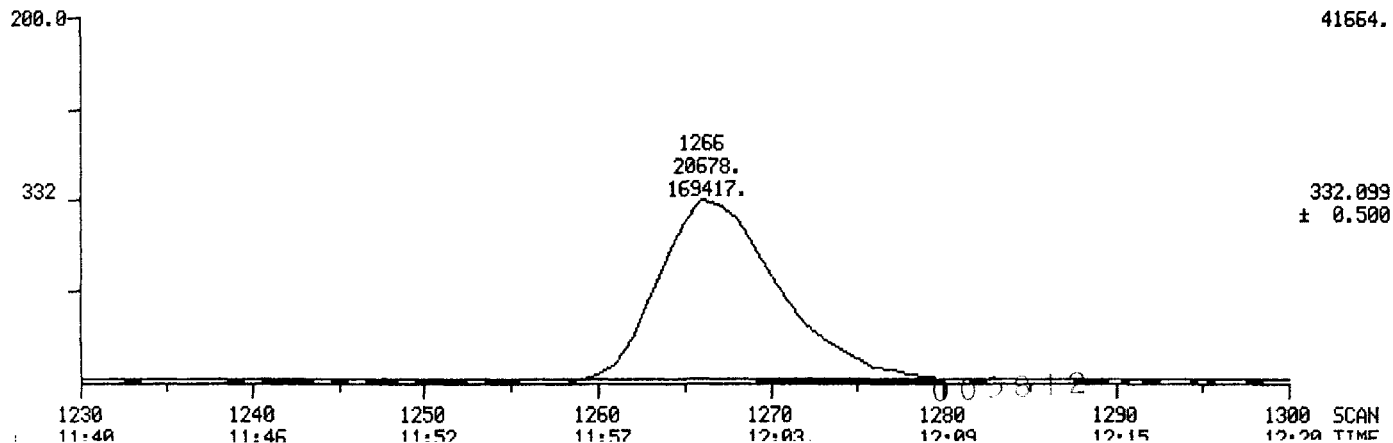
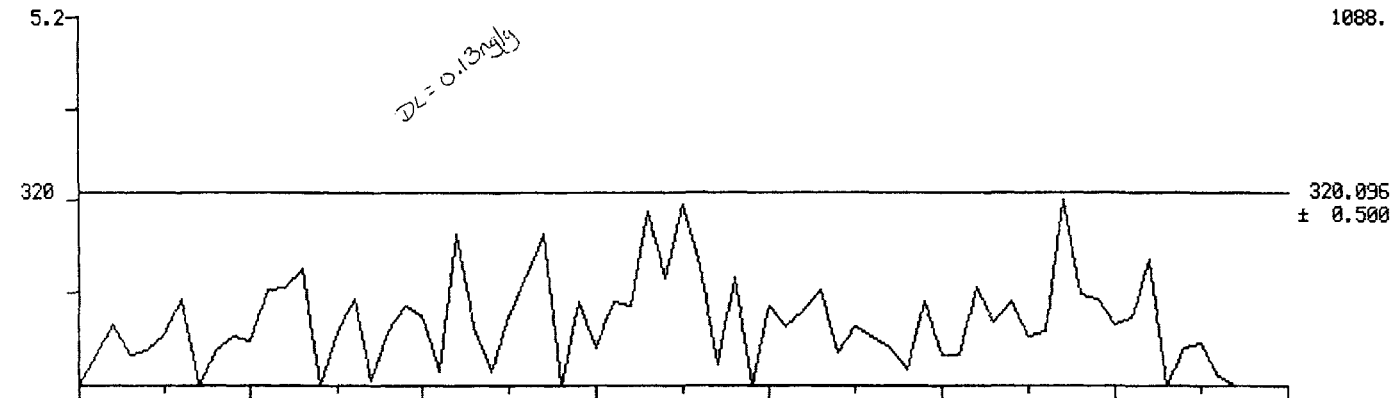
SCANS 1230 TO 1300

09/18/84 21:10:00

CALI: F5840915 #3

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003804 (10.13G), IFB

RANGE: G 1.1300 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/18/84 21:58:00

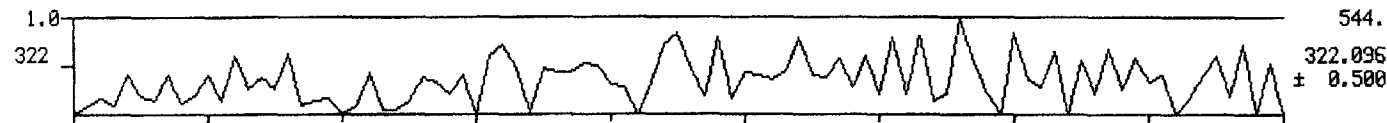
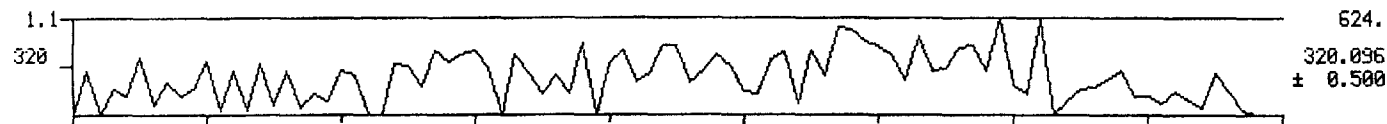
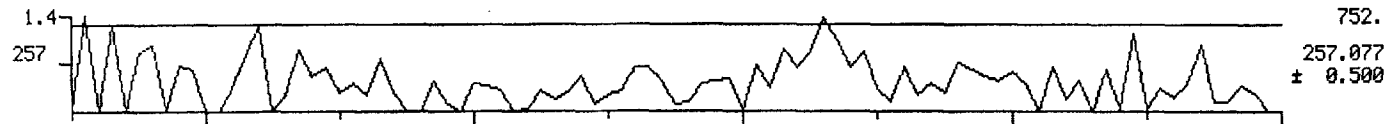
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003005 (10.44G), IFB

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2345RI #1

CALI: F5840915 #3

SCANS 1210 TO 1300



1220
11:35

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11:57

001280 15
12:09

1300 SCAN
12:20 TIME

MID MASS CHROMATOGRAMS

DATA: T2345RI #1

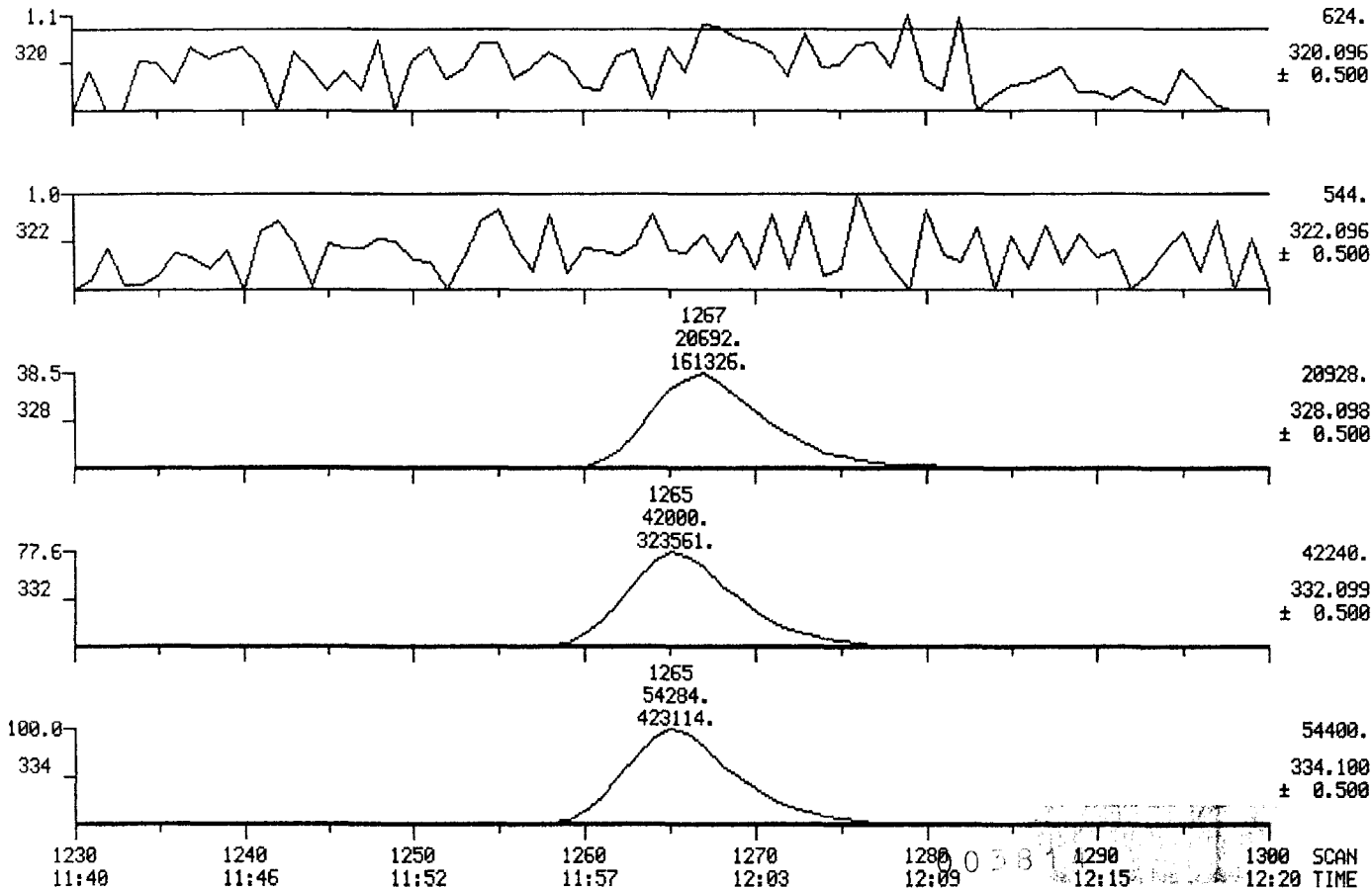
SCANS 1230 TO 1300

09/18/84 21:58:00

CALI: F5840915 #3

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003805 (10.44G), IFB

RANGE: G 1.1300 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/18/84 21:58:00

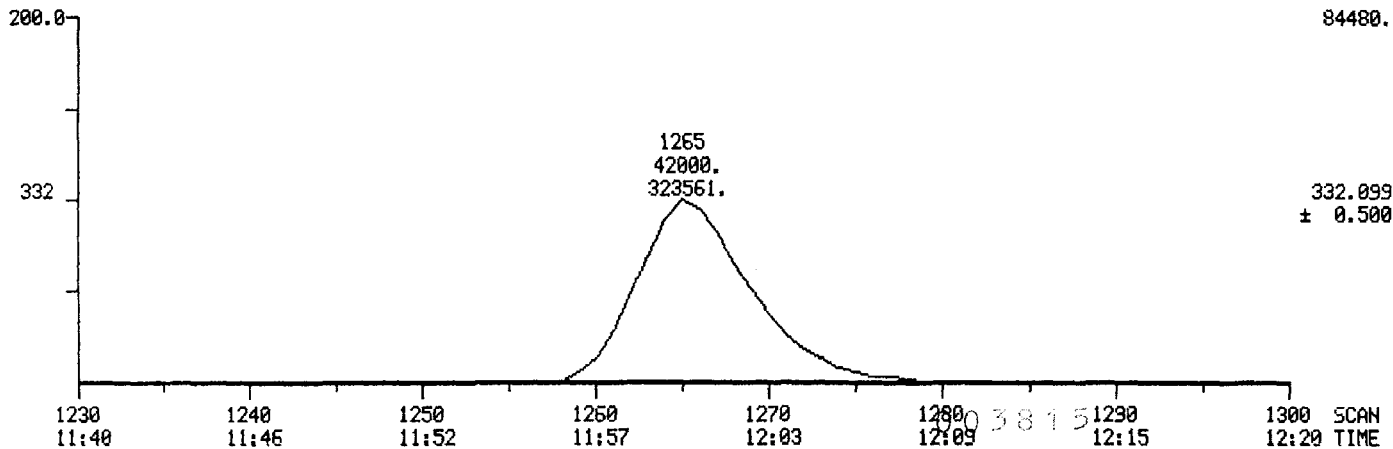
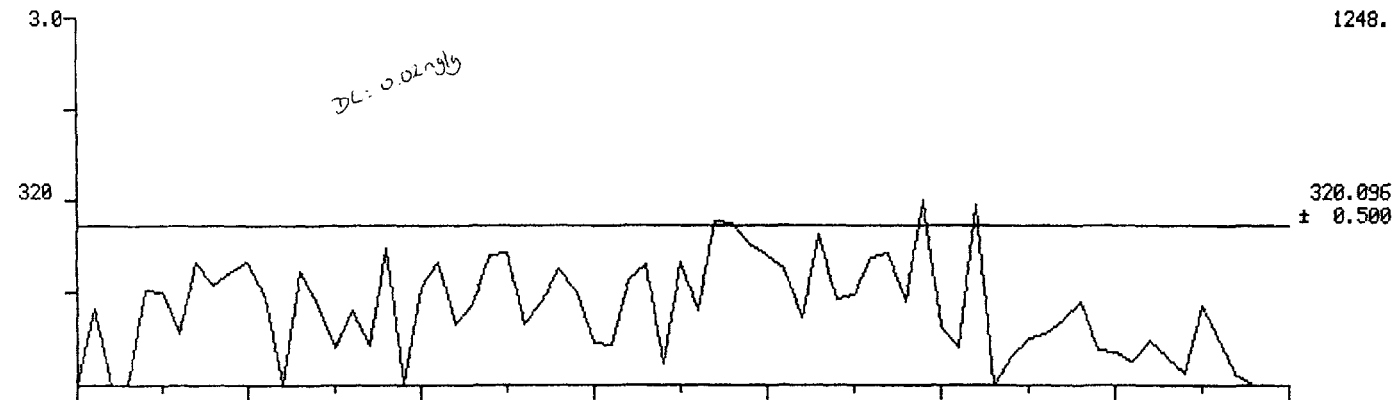
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003805 (10.44G), IFB

RANGE: G 1,1300 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2345RI #1

CALI: F5840915 #3

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

DATA: T2346RI #1300

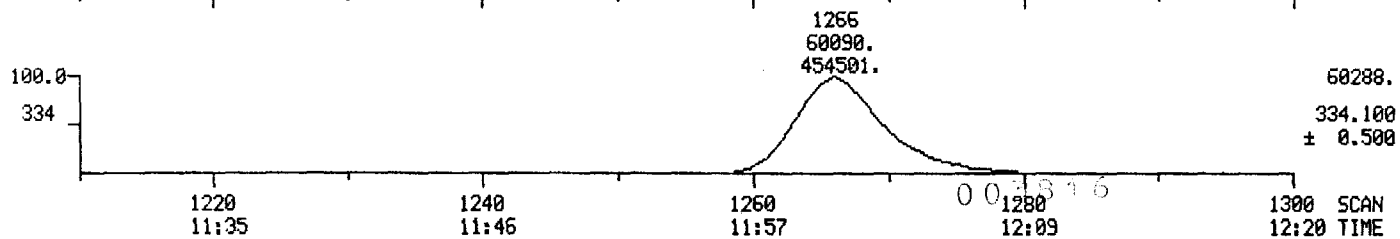
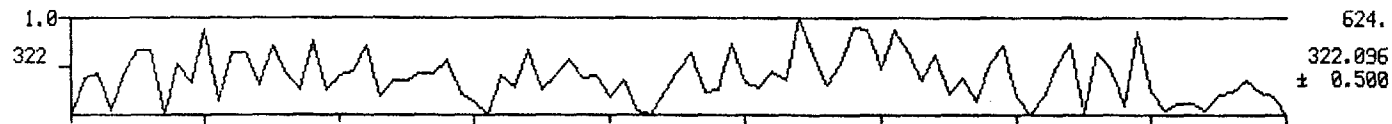
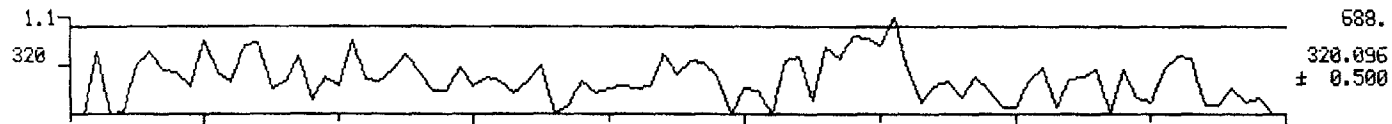
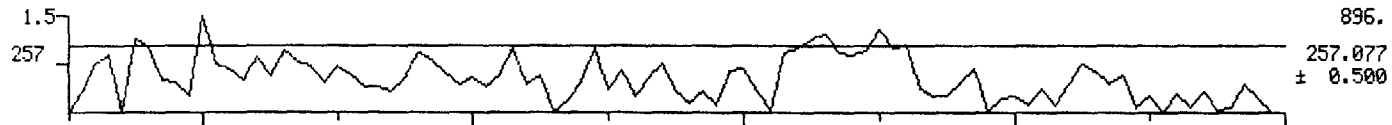
SCANS 1210 TO 1300

09/18/84 22:19:00

CALI: F5840915 #3

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003806 (10.20G), IFB

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

03/18/84 22:19:00

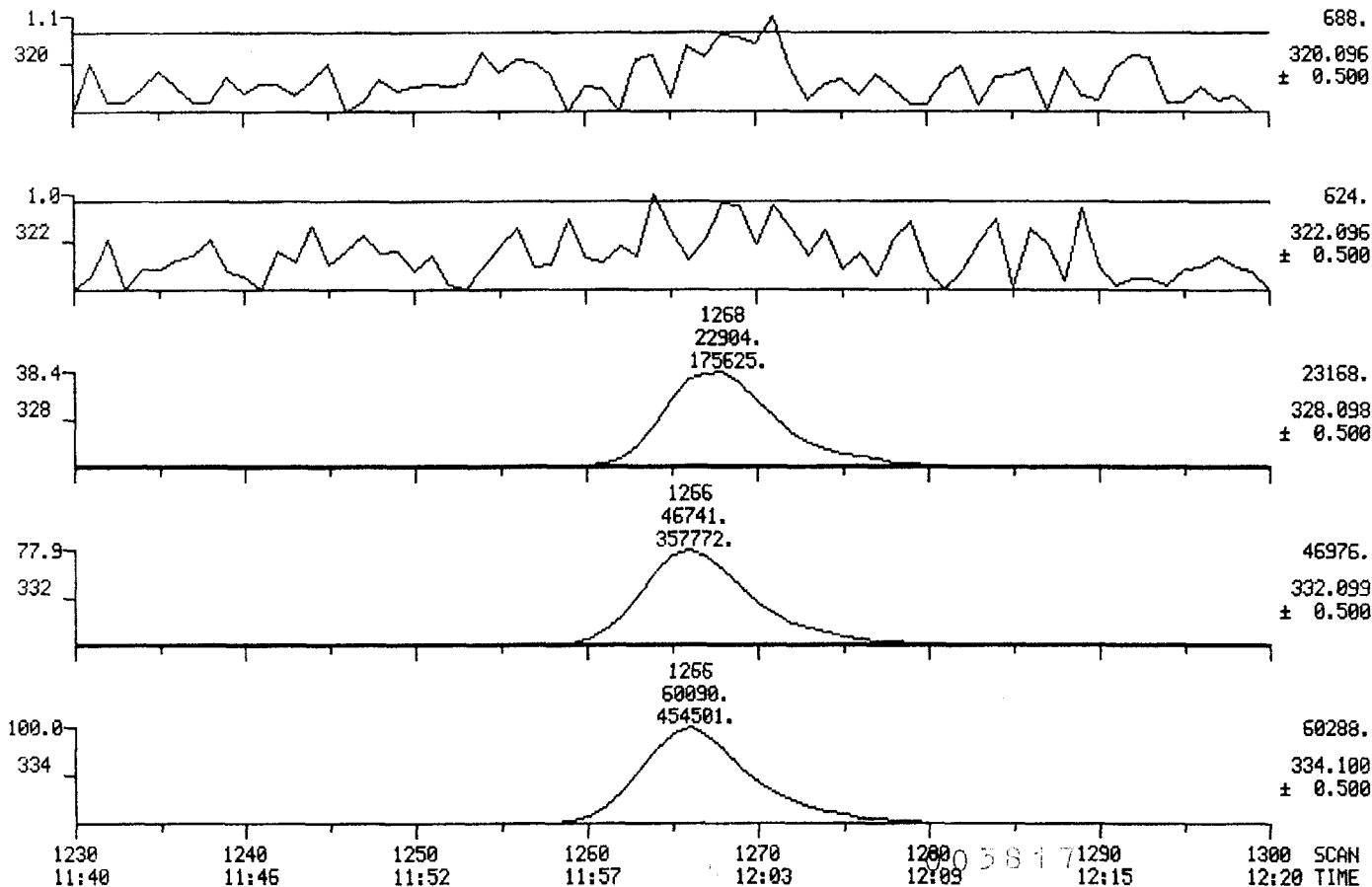
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003806 (10.20G), IFB

RANGE: G 1.1300 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2346RI #1

CALI: F5840918 #10

SCANS 1230 TO 1300



MID MASS CHROMATOGRAMS

DATA: T2346RI #1

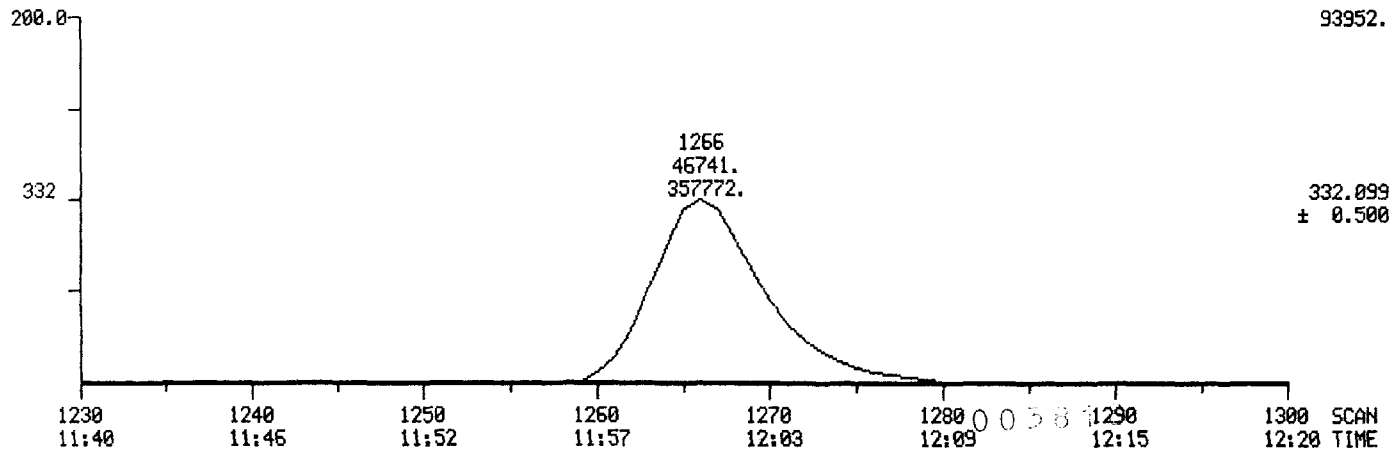
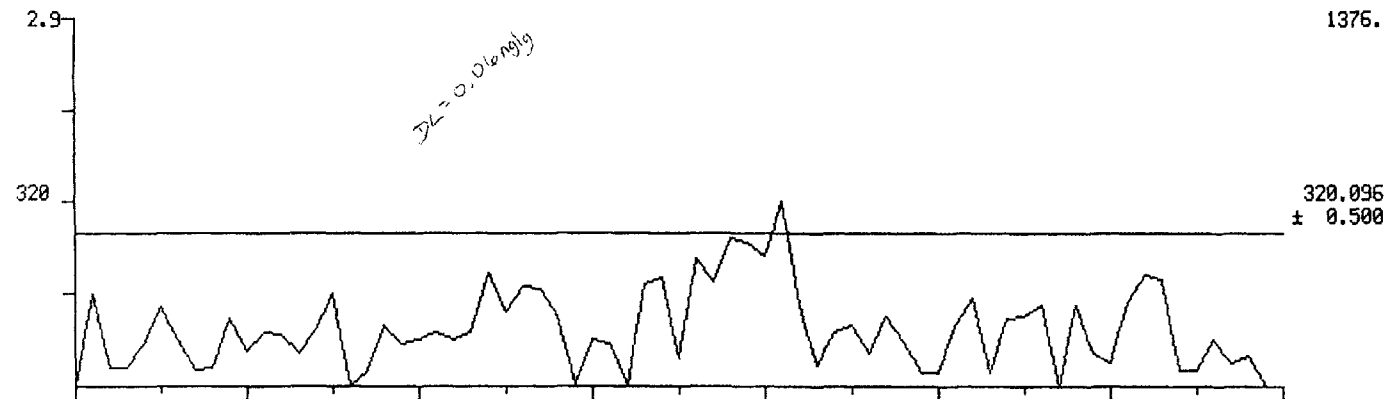
SCANS 1230 TO 1300

09/18/84 22:19:00

CALI: F5848918 #10

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003806 (10.20G), IFB

RANGE: G 1.1300 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

DATA: T2348RI #1260

SCANS 1150 TO 1250

09/19/84 21:30:00

CALI: F5840919A #5

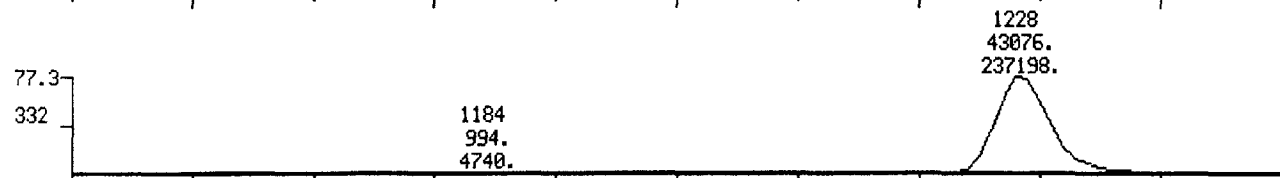
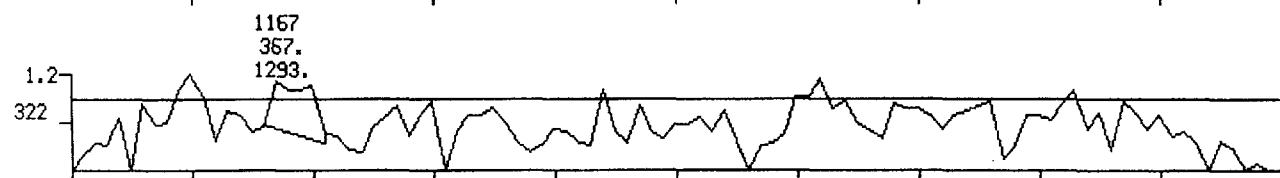
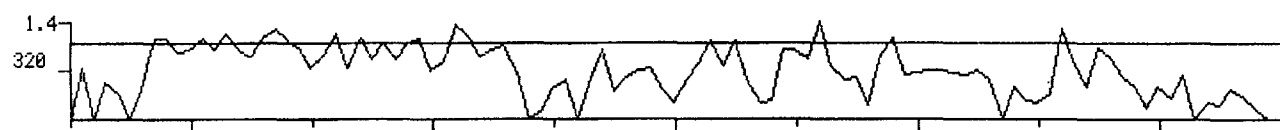
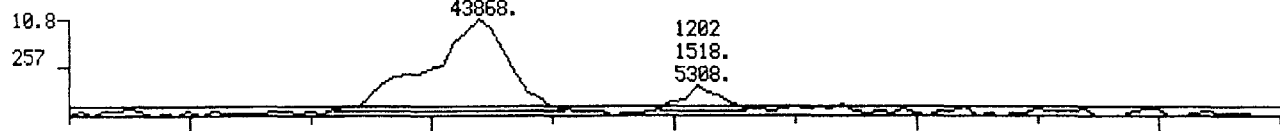
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003808 (10.12G), IFB

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

1184
5728.
43868.

1202
1518.
5308.

6032.
257.077
± 0.500



1160 10:45 1180 10:56 1200 11:08 1220 11:19 1240 11:30

SCAN
TIME

MID MASS CHROMATOGRAMS

DATA: T2348RI #1260

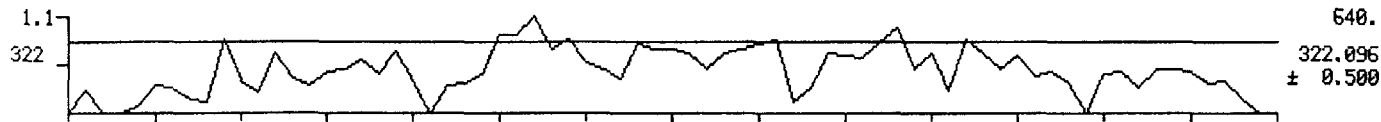
SCANS 1185 TO 1255

09/19/84 21:30:00

CALI: F5840919A #5

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003808 (10.12G), IFB

RANGE: G 1.1260 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



1190 11:02 1200 11:08 1210 11:13 1220 11:19 1230 11:24 003120 1240 11:30 1250 11:35 SCAN TIME

MID MASS CHROMATOGRAMS

DATA: T2348RI #1260

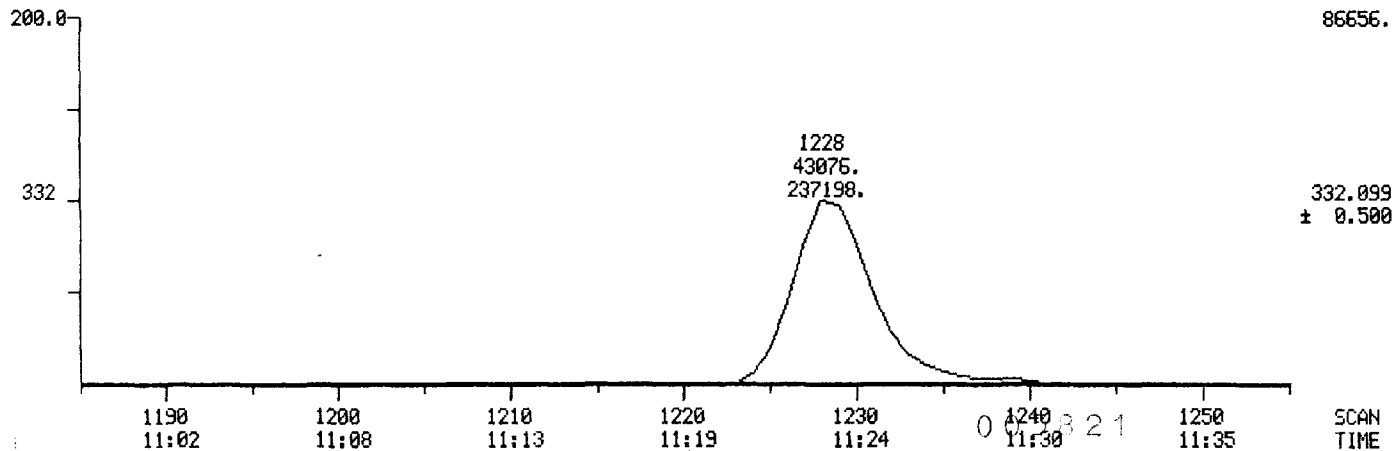
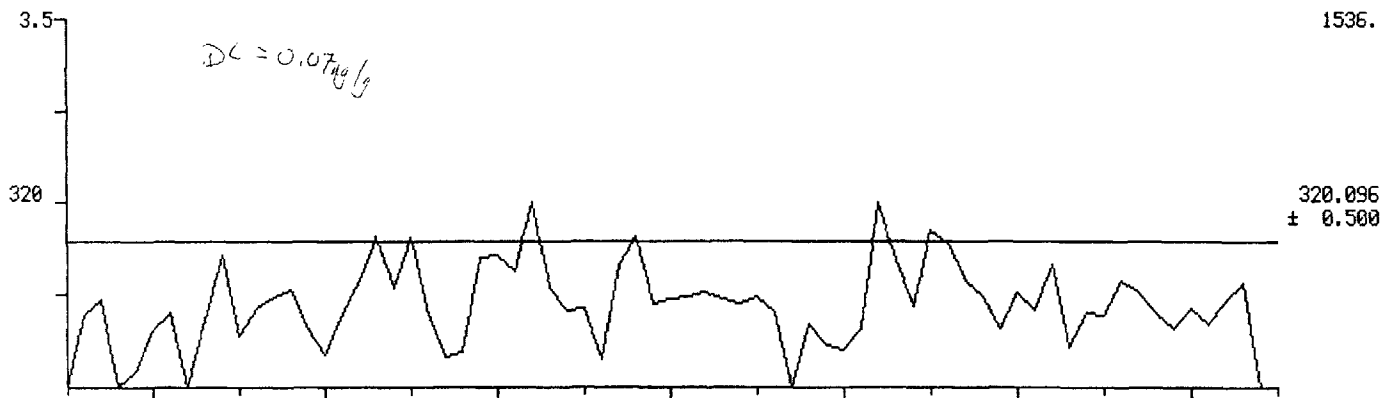
SCANS 1185 TO 1255

09/19/84 21:30:00

CALI: F5840919A #5

SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003808 (10.12G), IFB

RANGE: G 1.1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/19/84 21:50:00

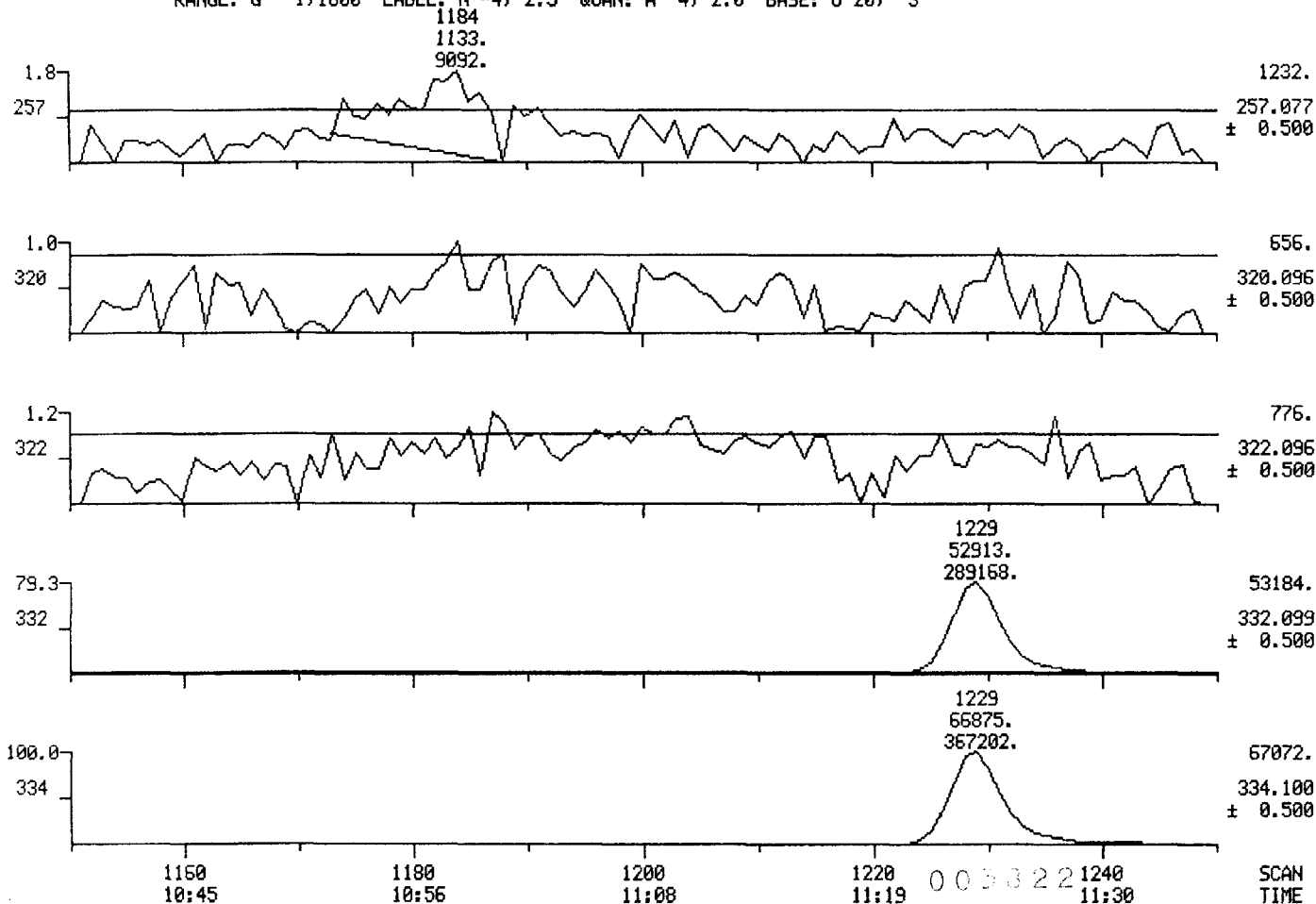
SAMPLE: 2ULOF 50UL CONC, CASE 3089-06, 06009009 (10.29G), IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2349RI #1250

CALI: F5840919A #5

SCANS 1150 TO 1250



MID MASS CHROMATOGRAMS

09/19/84 21:50:00

SAMPLE: 2ULOF 50UL CONC, CASE 3089-06, 06003009 (10.29G), IFB

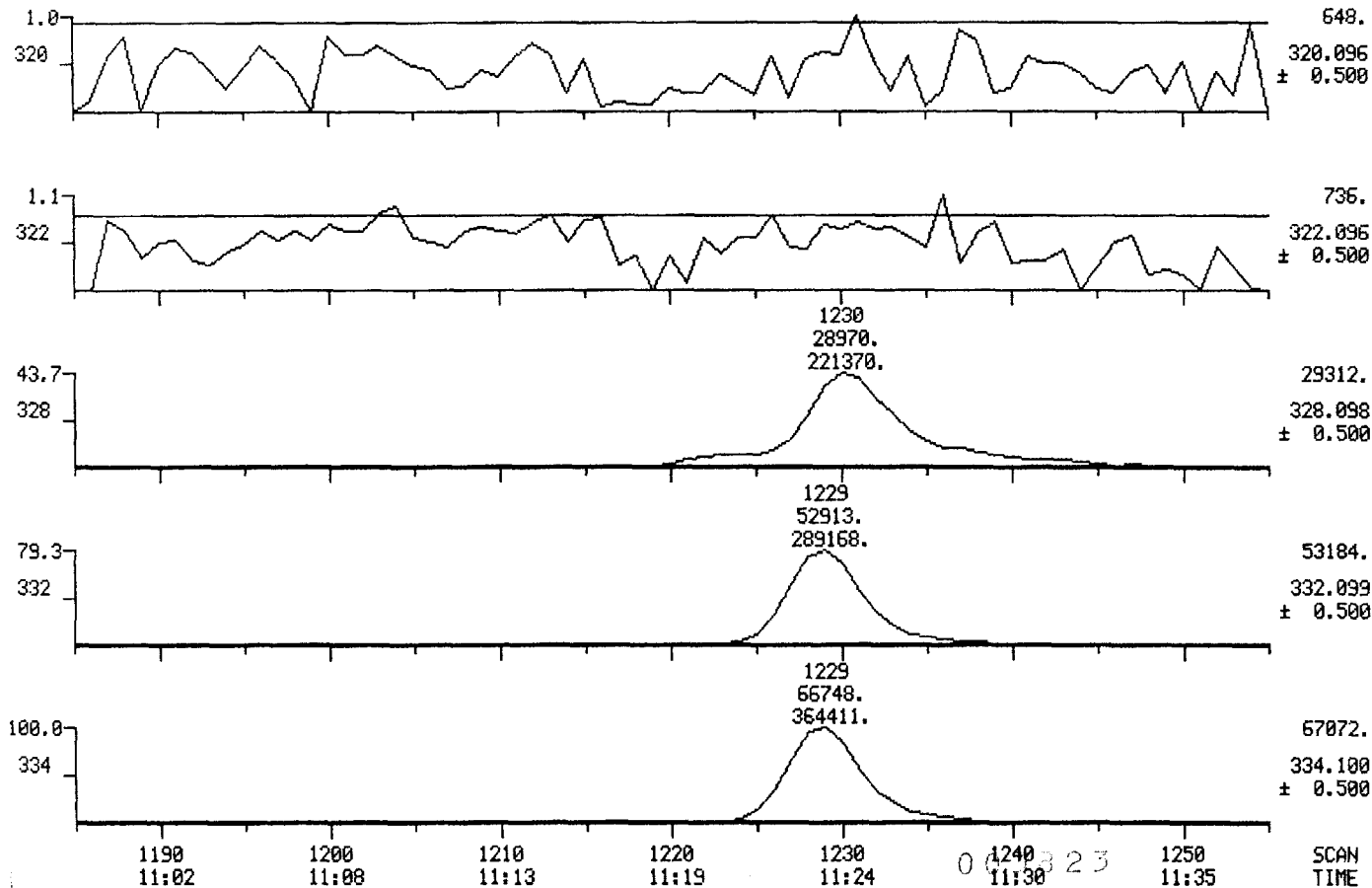
RANGE: G 1.1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

JN
DF003509

DATA: T2349RI #1260

CALI: F5840919A #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/19/84 21:50:00

SAMPLE: 2ULOF 50UL CONC, CASE 3089-06, ~~06003809~~ (10.29G), IFB

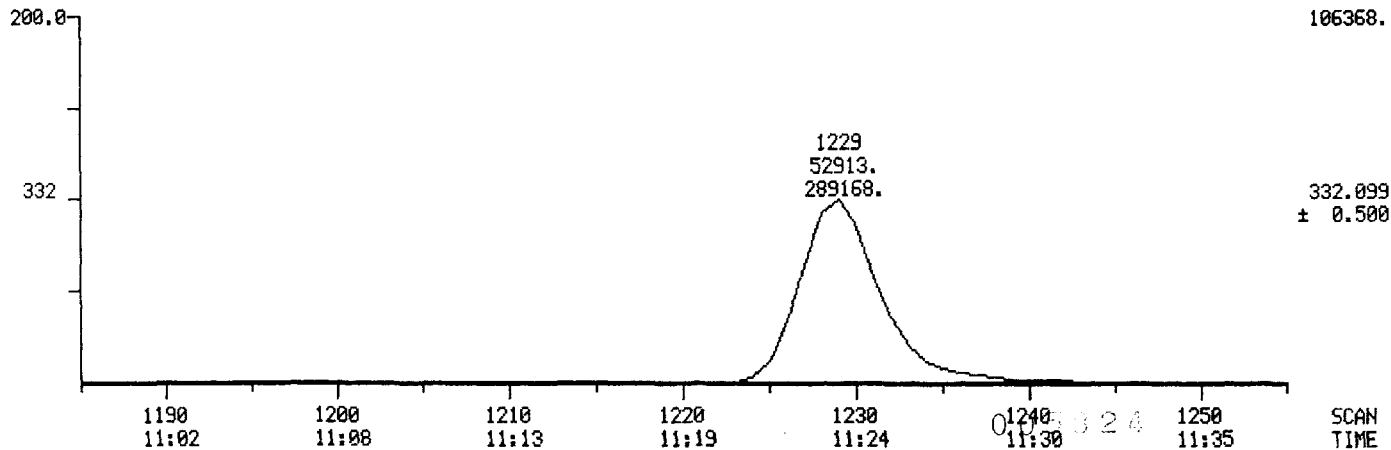
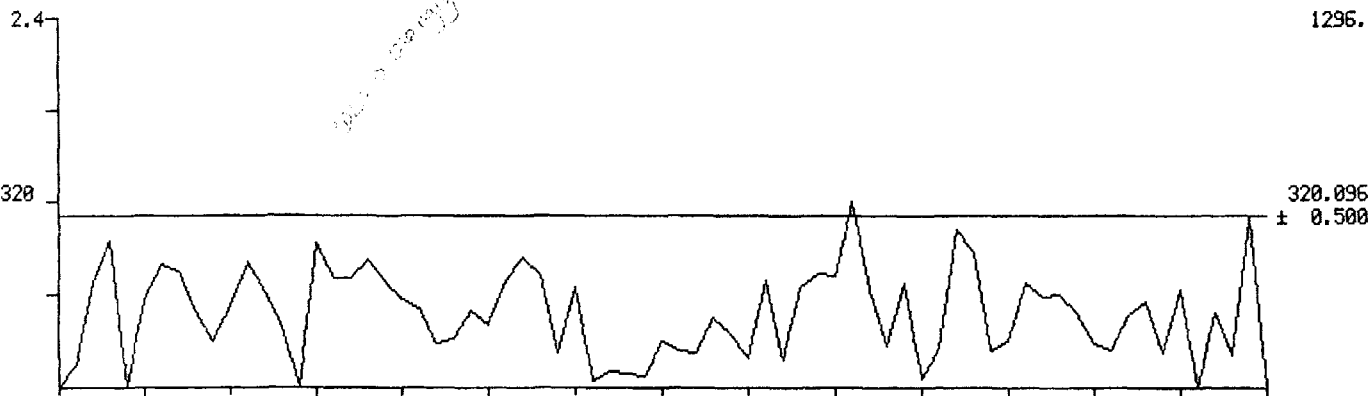
RANGE: G 1.1260 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2349RI #1260

CALI: F5840919A #5

SCANS 1185 TO 1255

DF003809



MID MASS CHROMATOGRAMS

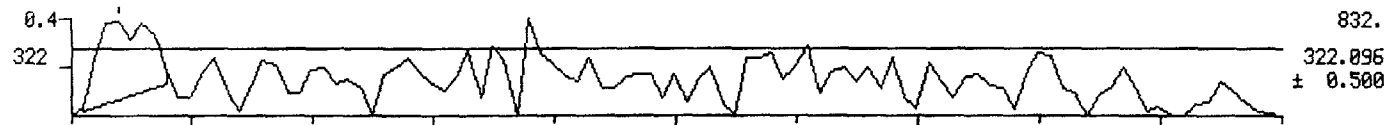
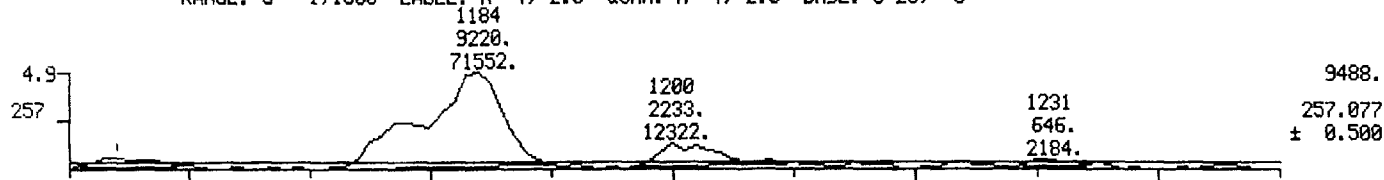
09/19/84 22:10:00

SAMPLE: ZUL OF SOUL CONC, CASE 3089-06, DF003810 (10.20G), IFB
RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2350RI #1260

CALI: F5840919A #5

SCANS 1150 TO 1250



1150
10:45

1180
10:56

1200
11:08

1220
11:19

003325

1240
11:30

SCAN
TIME

MID MASS CHROMATOGRAMS

09/19/84 22:10:00

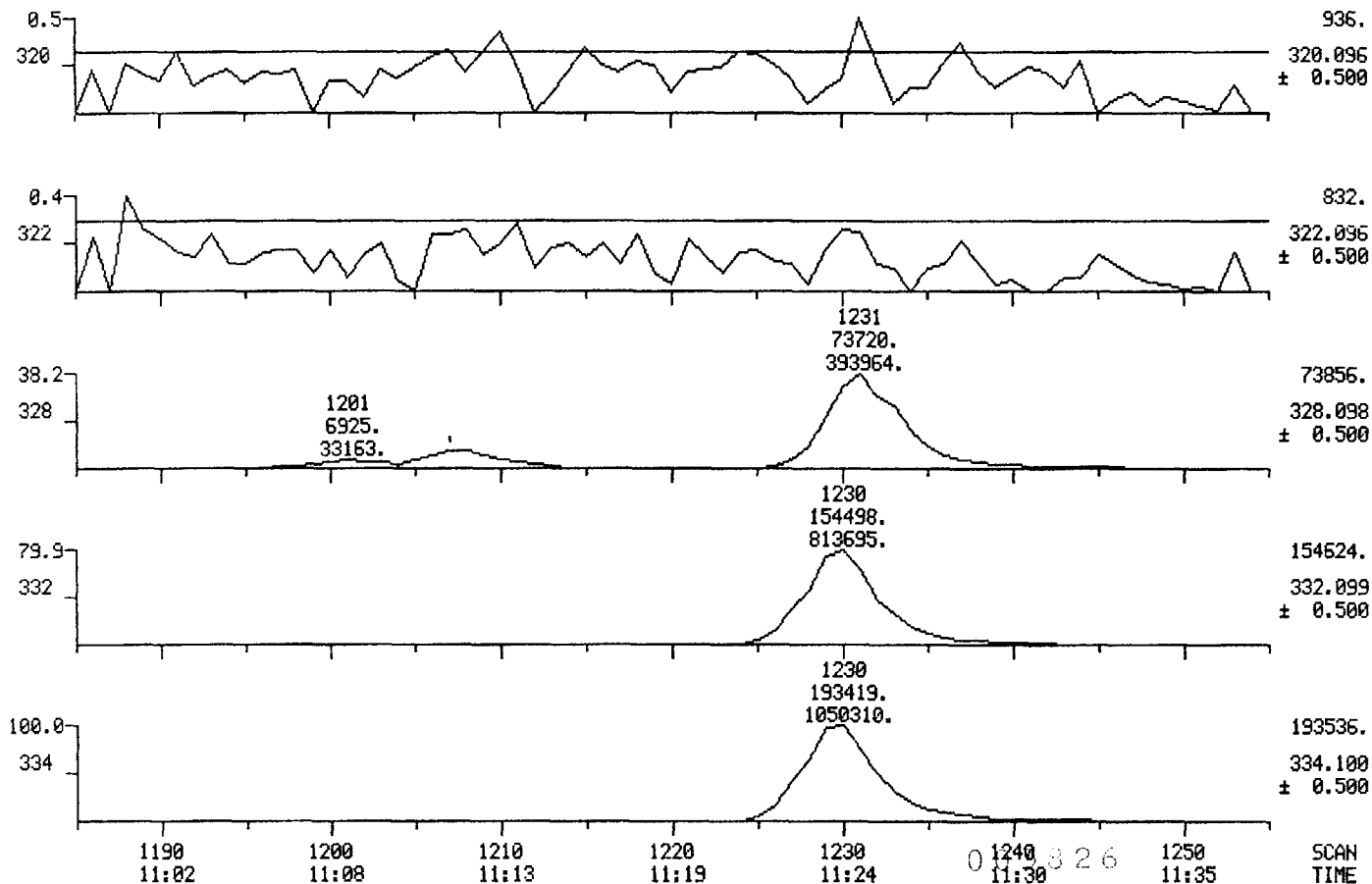
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003810 (10.20G), 1FB

RANGE: G 1.1260 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2350RI #1260

CALI: F5840919A #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/19/84 22:10:00

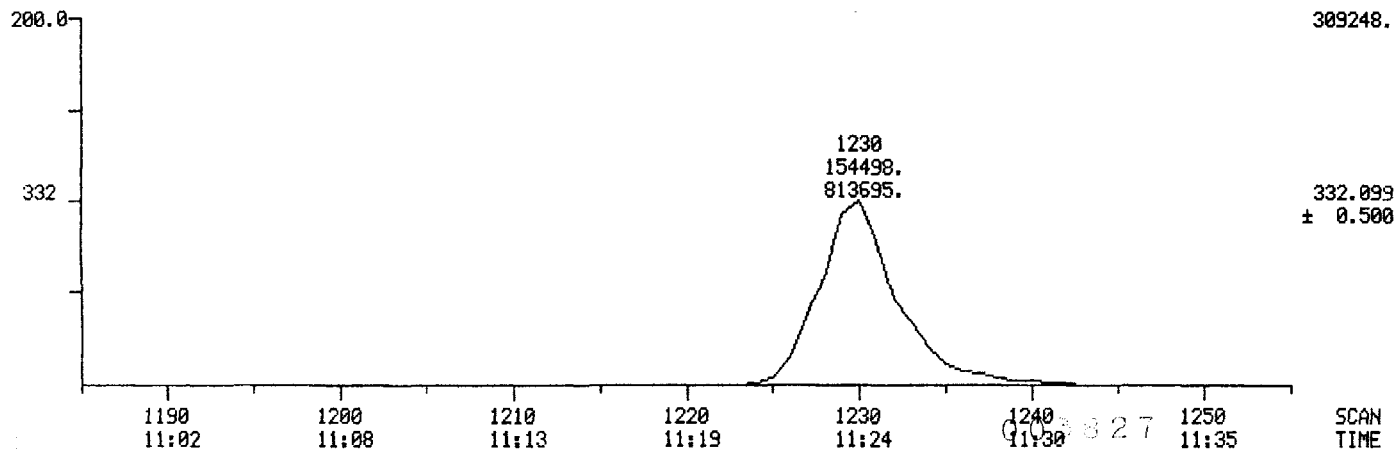
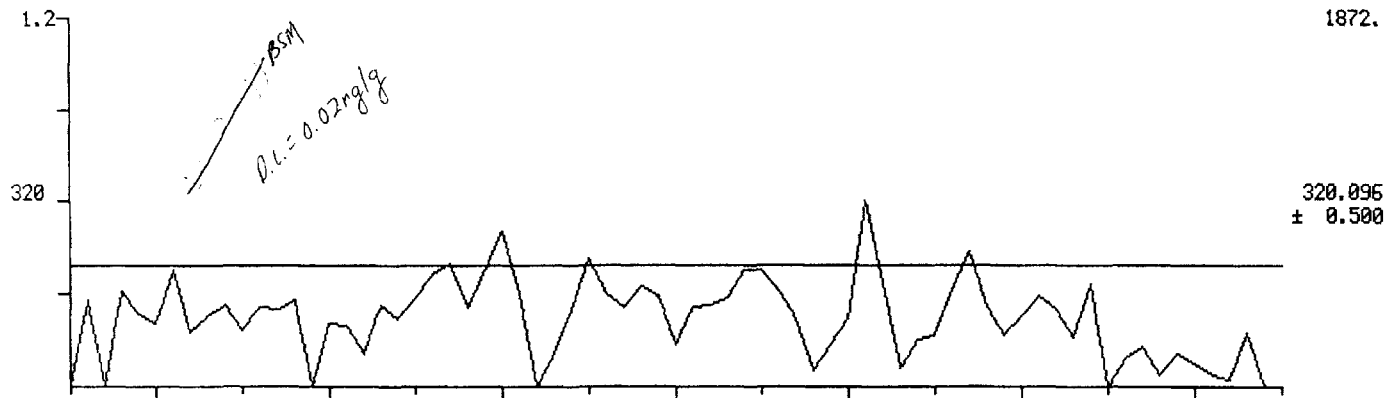
SAMPLE: 2UL OF 50UL CONC, CASE 3089-06, DF003810 (10.20G), IFB

RANGE: G 1,1260 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2350R1 #1260

CALI: F5840919A #5

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 8:30:00

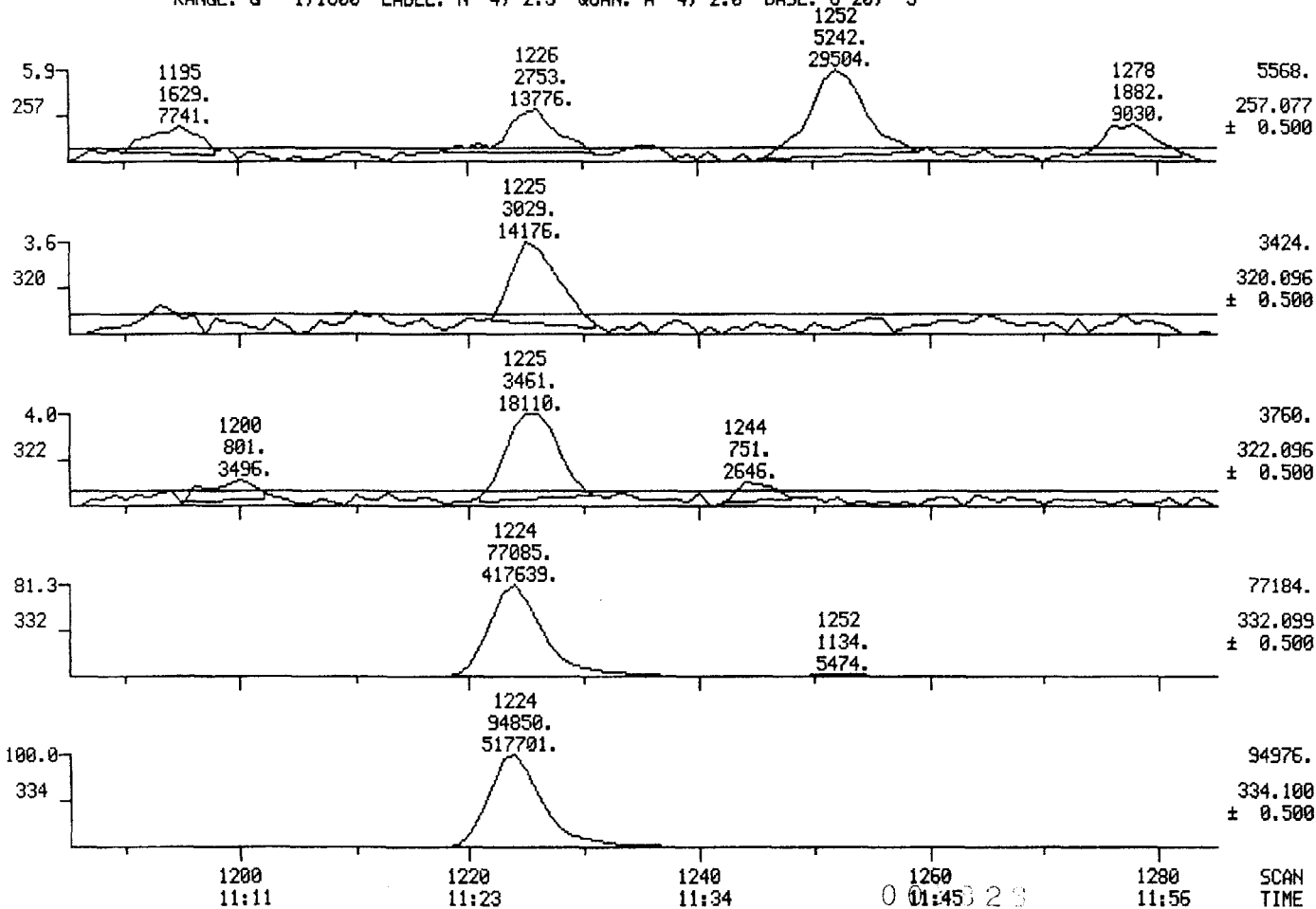
SAMPLE: 2UL OF 50UL CONC., DF003811(10.73GMS) IFB

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2351 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/94 8:30:00

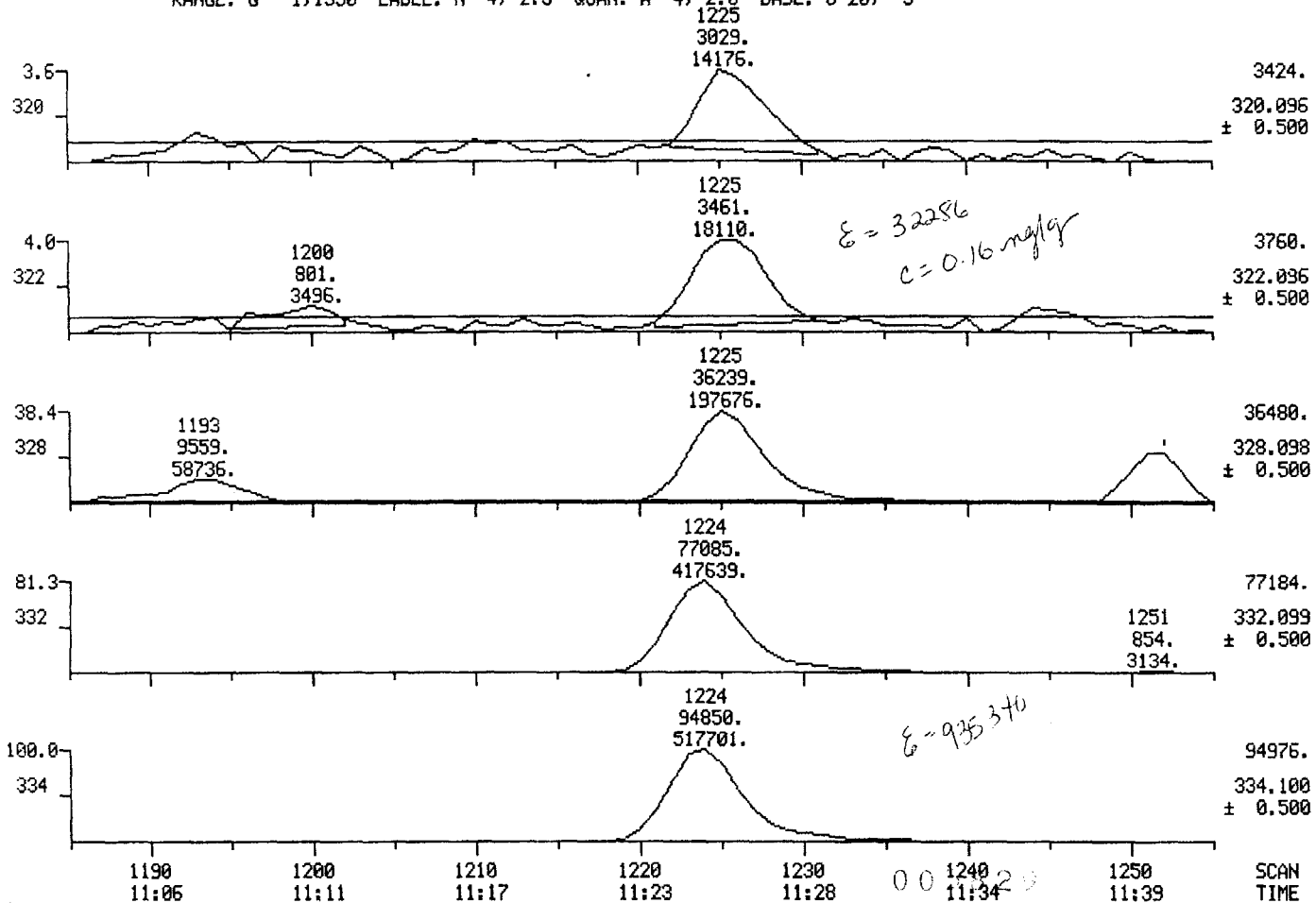
SAMPLE: 2UL OF 50UL CONC., DF003811(10.73GMS) IFB

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2351 #1350

CALI: F5940920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 8:30:00

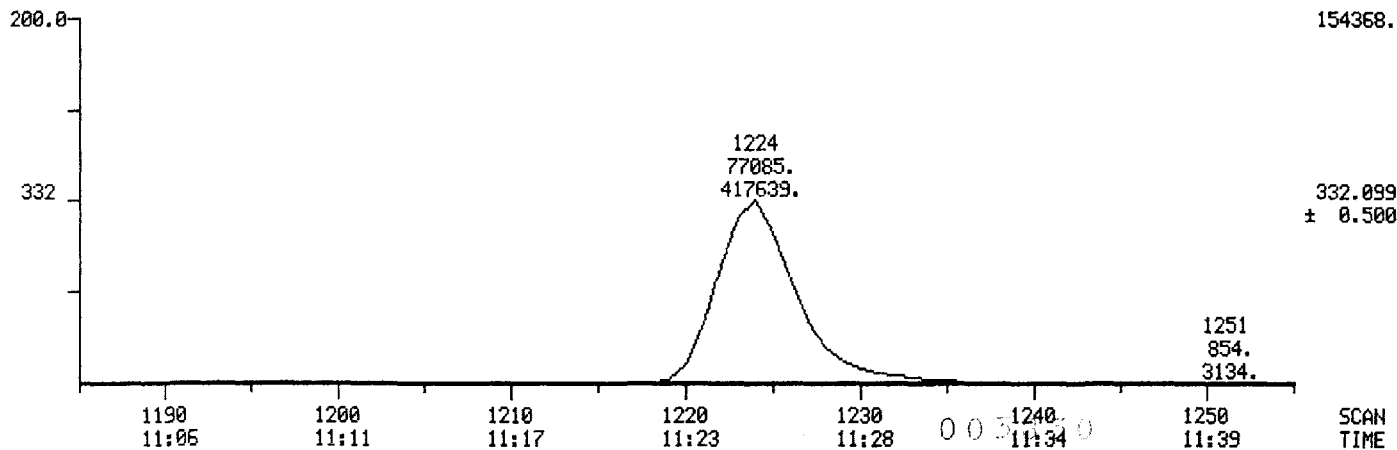
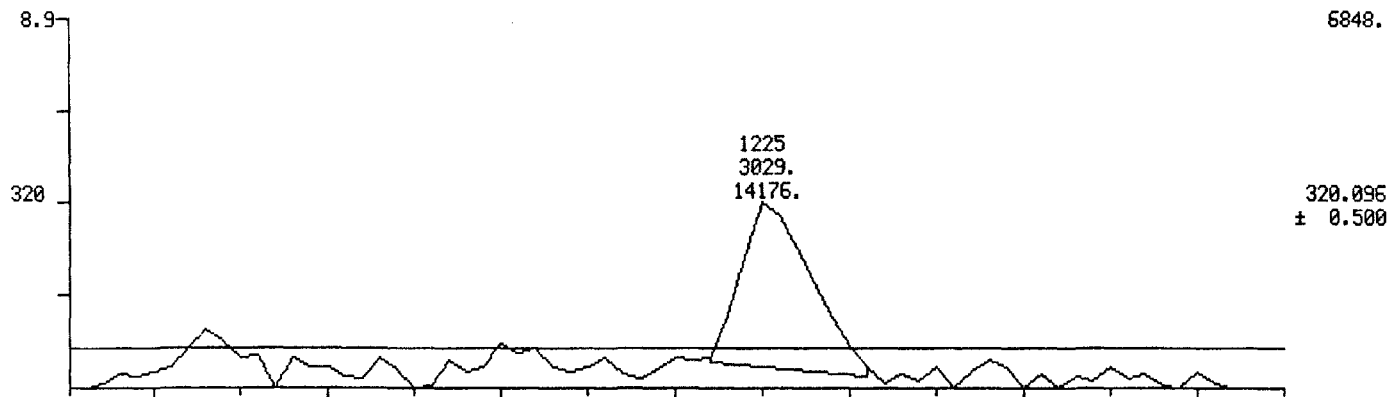
SAMPLE: 2UL OF 50UL CONC., DF003811(10.73GMS) IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2351 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 9:16:00

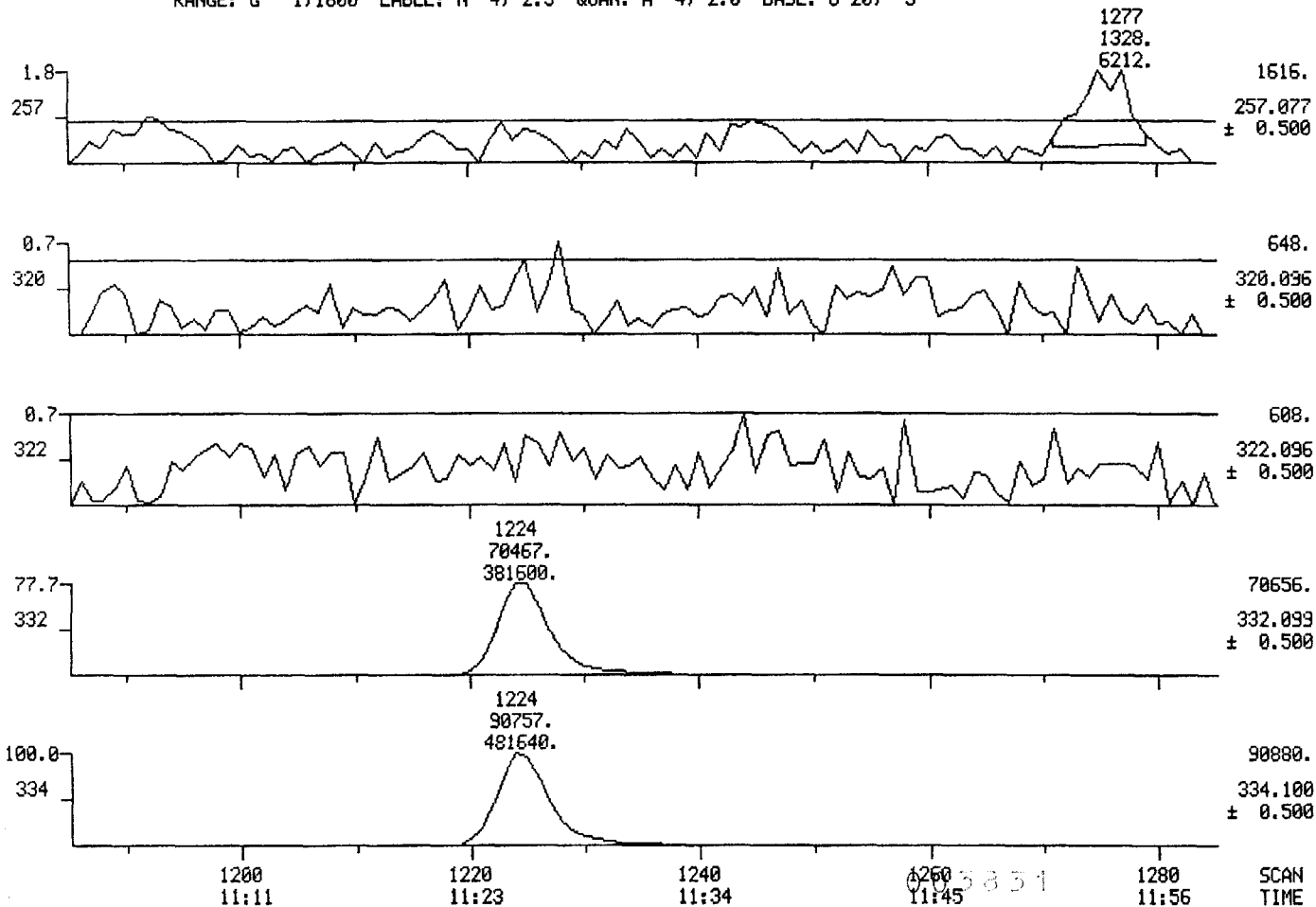
SAMPLE: 2UL OF 50UL (10.47G) DF003812, IFB

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2352 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 9:16:00

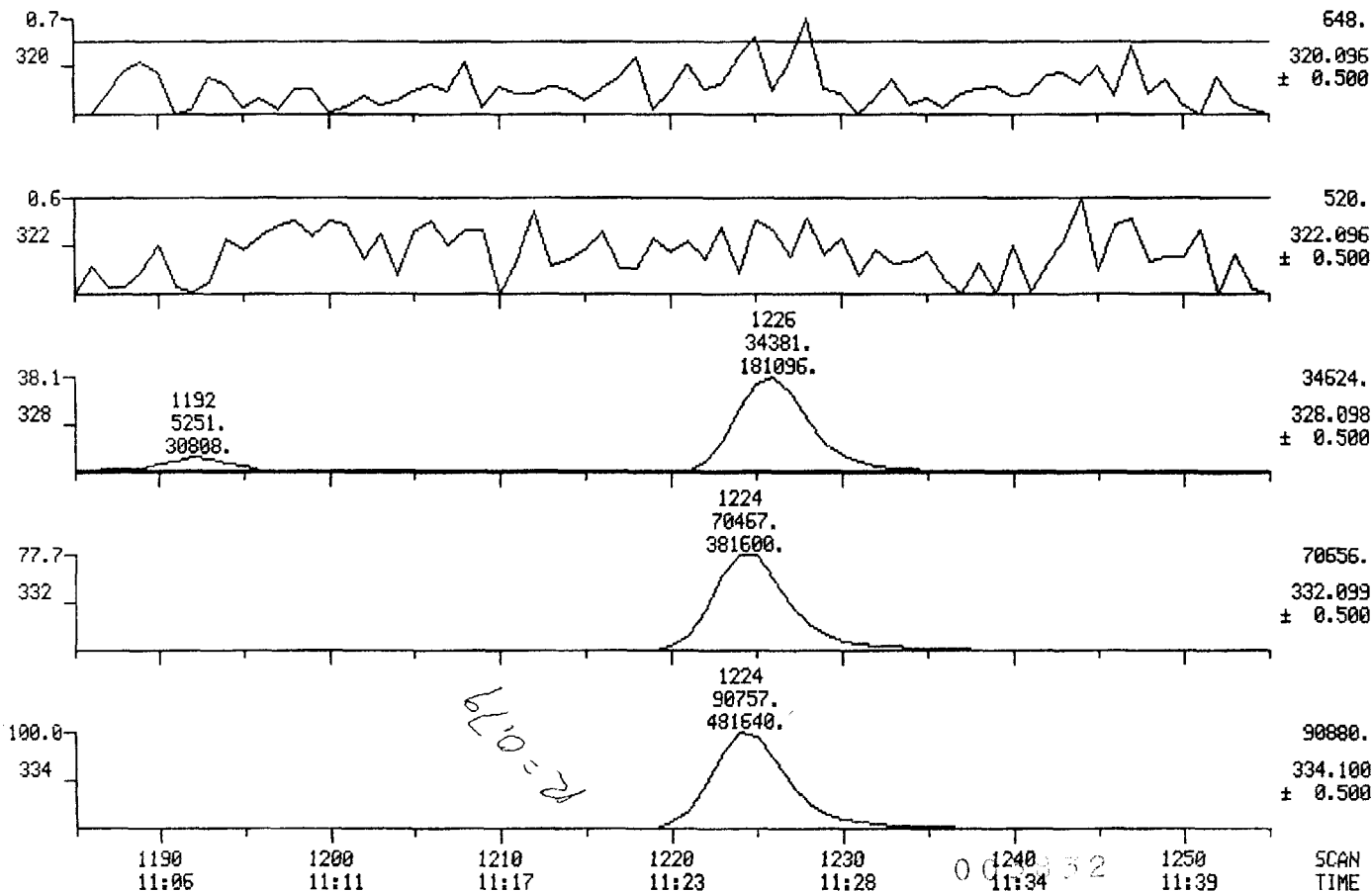
SAMPLE: 2UL OF 50UL (10.47G) DF003812, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2352 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 9:16:00

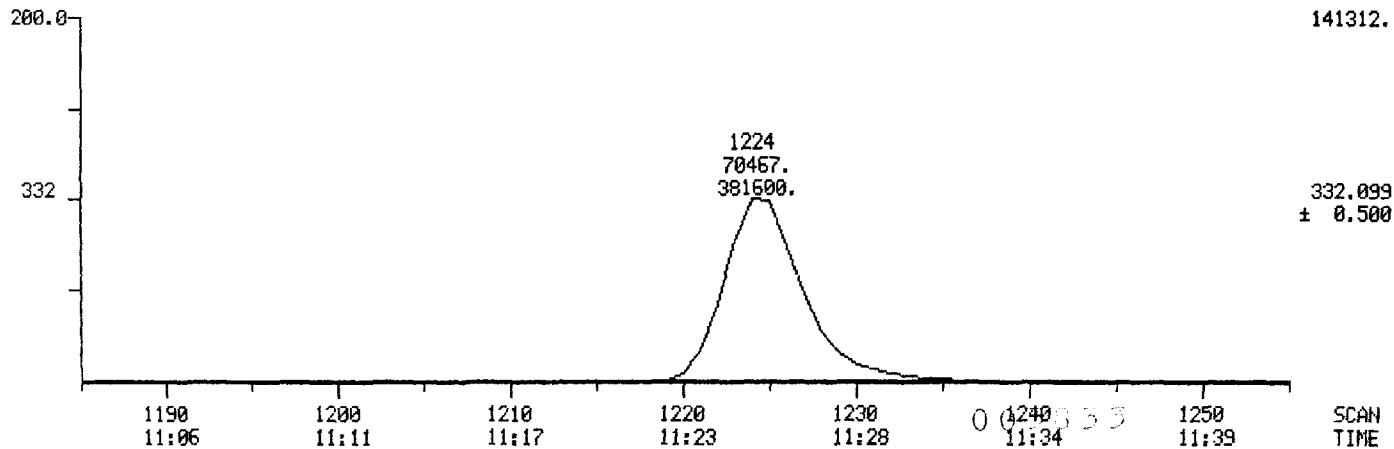
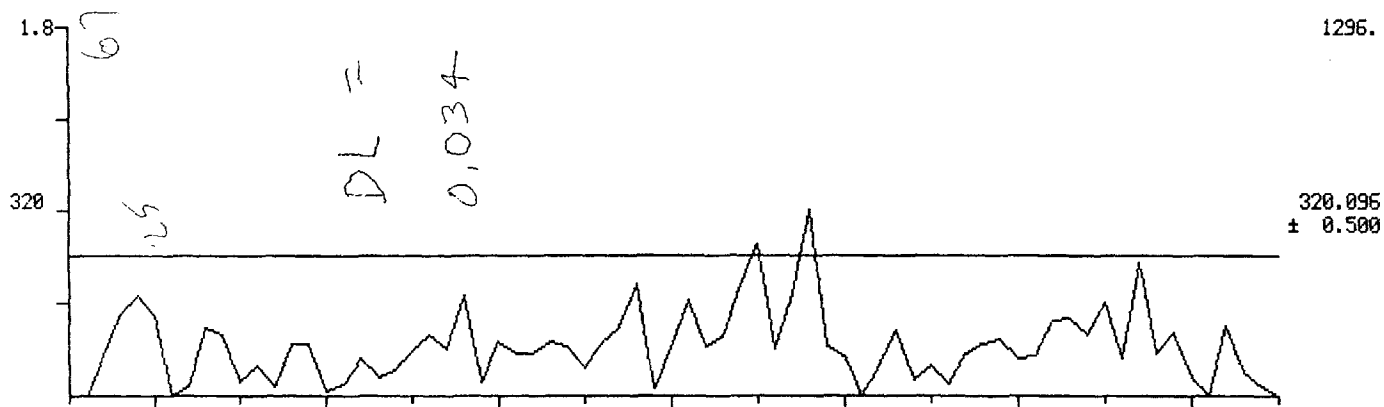
SAMPLE: 2UL OF 50UL (10.47G) DF003812, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2352 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 9:46:00

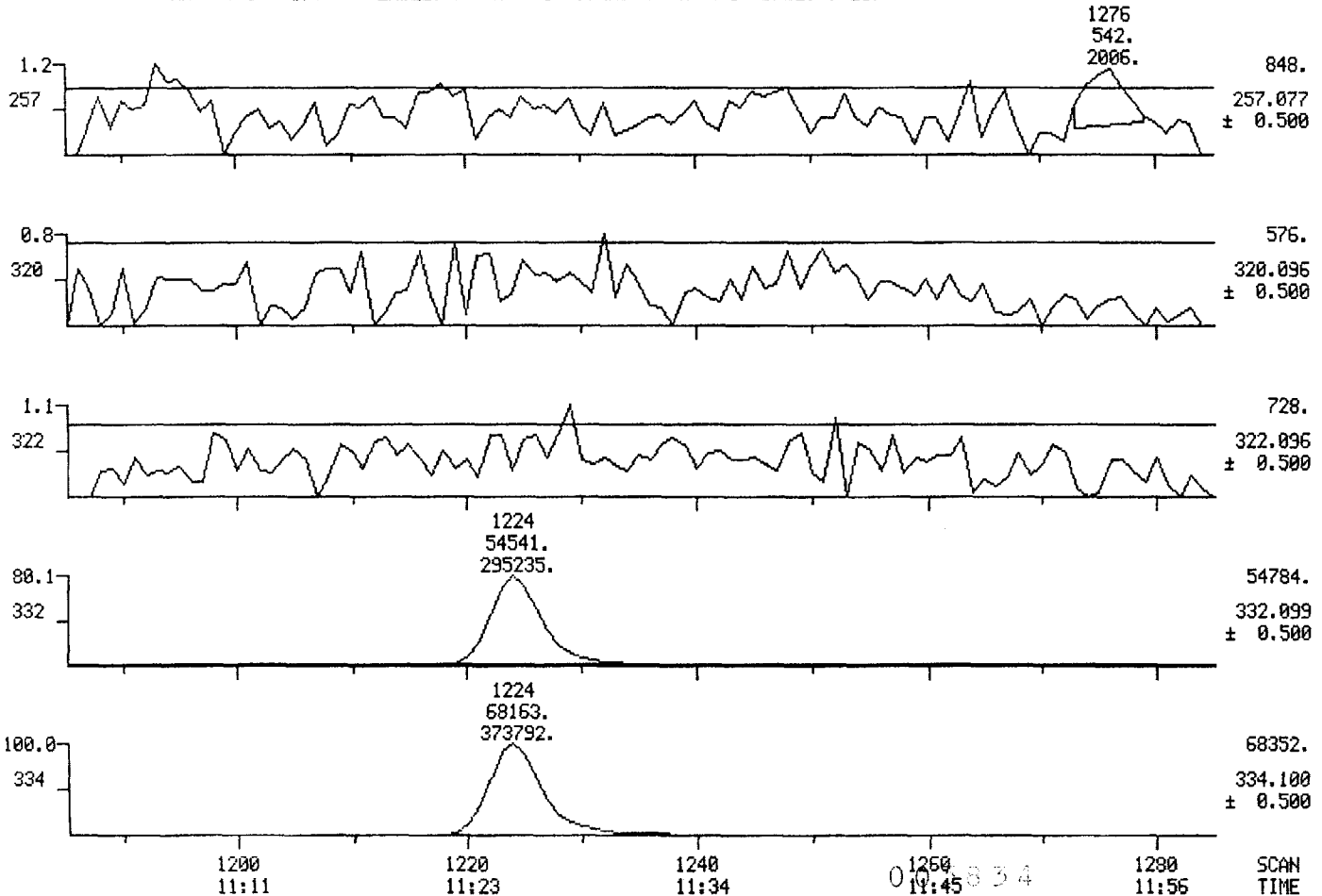
SAMPLE: 2UL OF 50UL (10.12G) DF003813, IFB

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2353 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 9:46:00

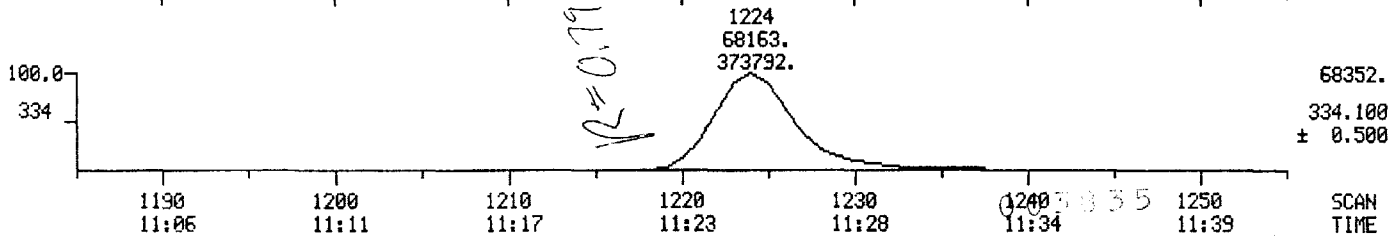
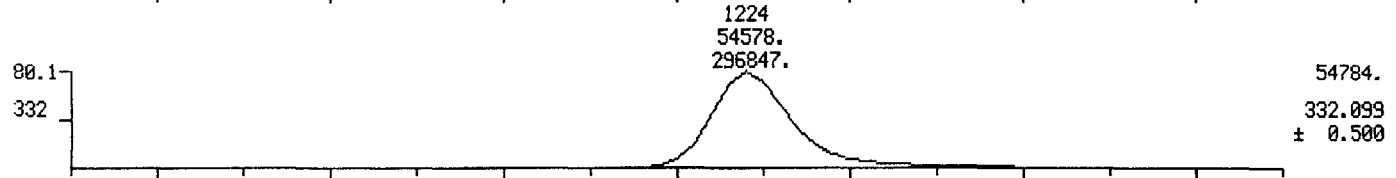
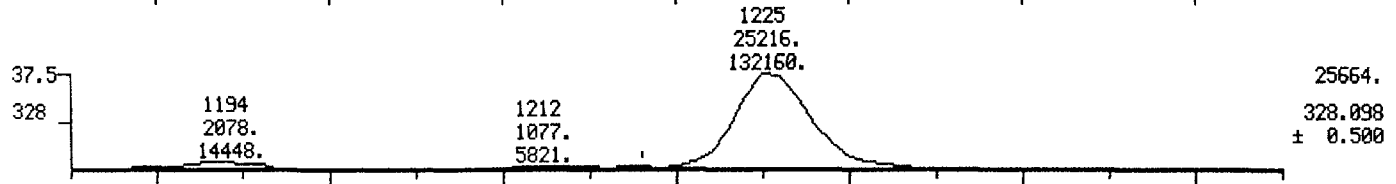
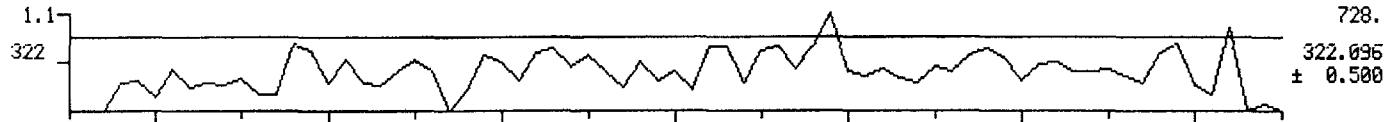
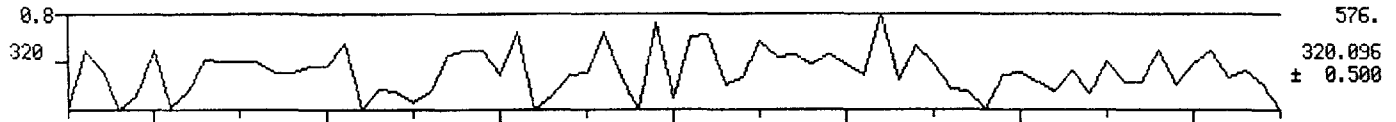
SAMPLE: 2UL OF 50UL (10.12G) DF003813, IFB

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2353 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



1152

MID MASS CHROMATOGRAMS

09/20/84 9:46:00

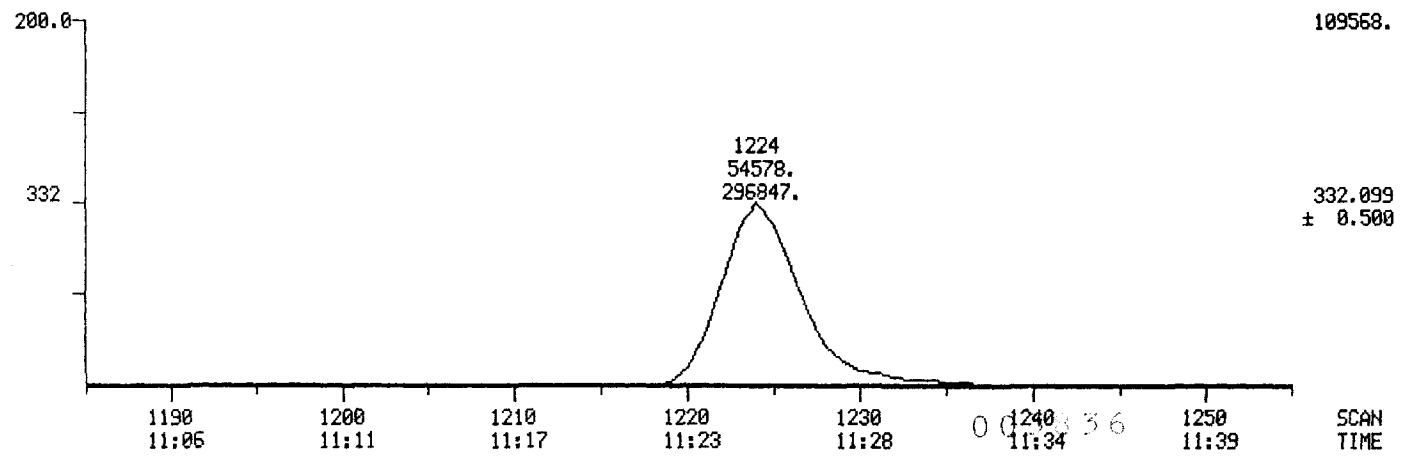
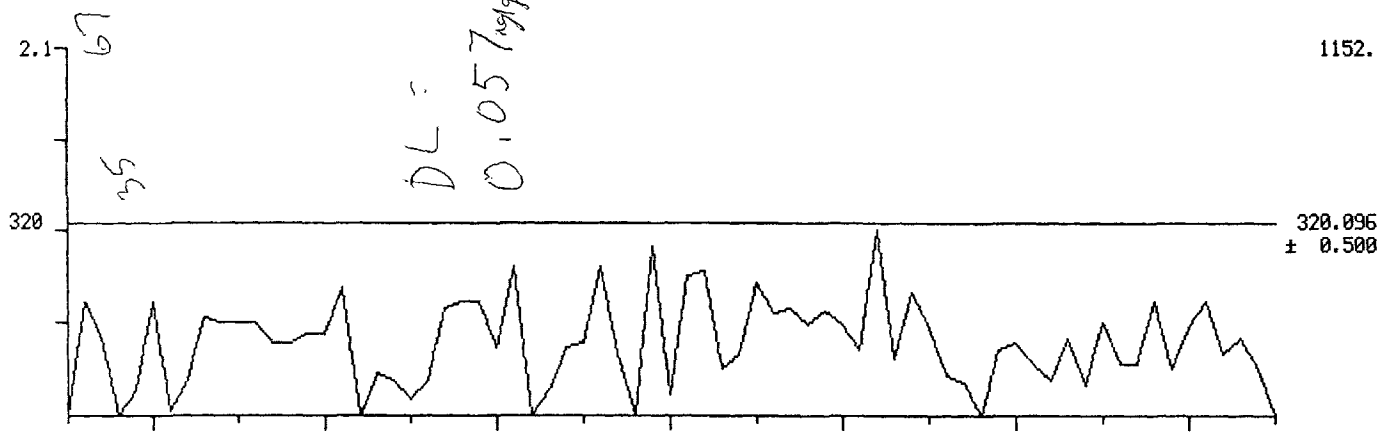
SAMPLE: 2UL OF 50UL (10.12G) DF003813, IFB

RANGE: G 1,1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2353 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 10:09:00

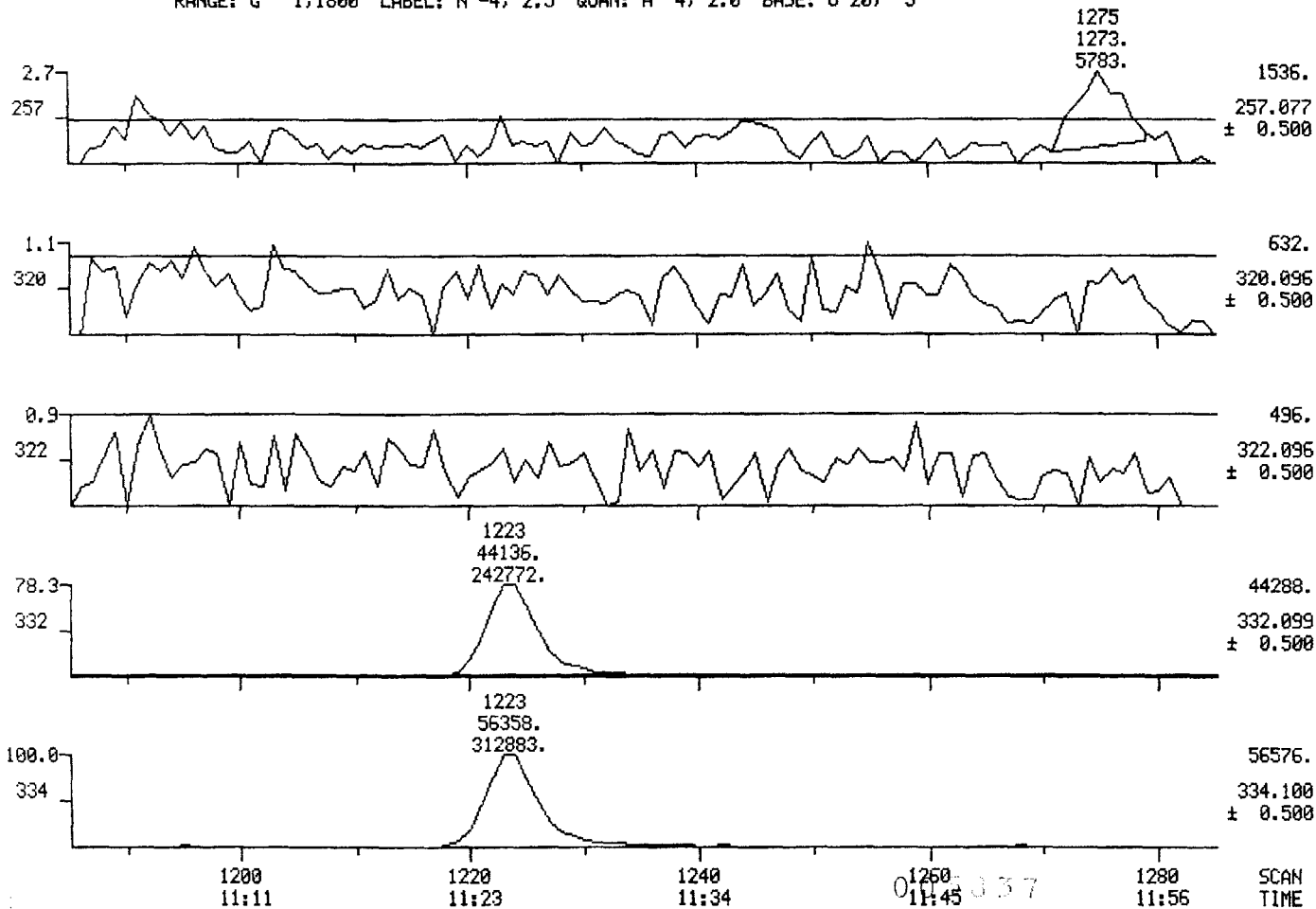
SAMPLE: 2UL OF 50UL (10.03G) DF003814, IFB

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2354 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 10:09:00

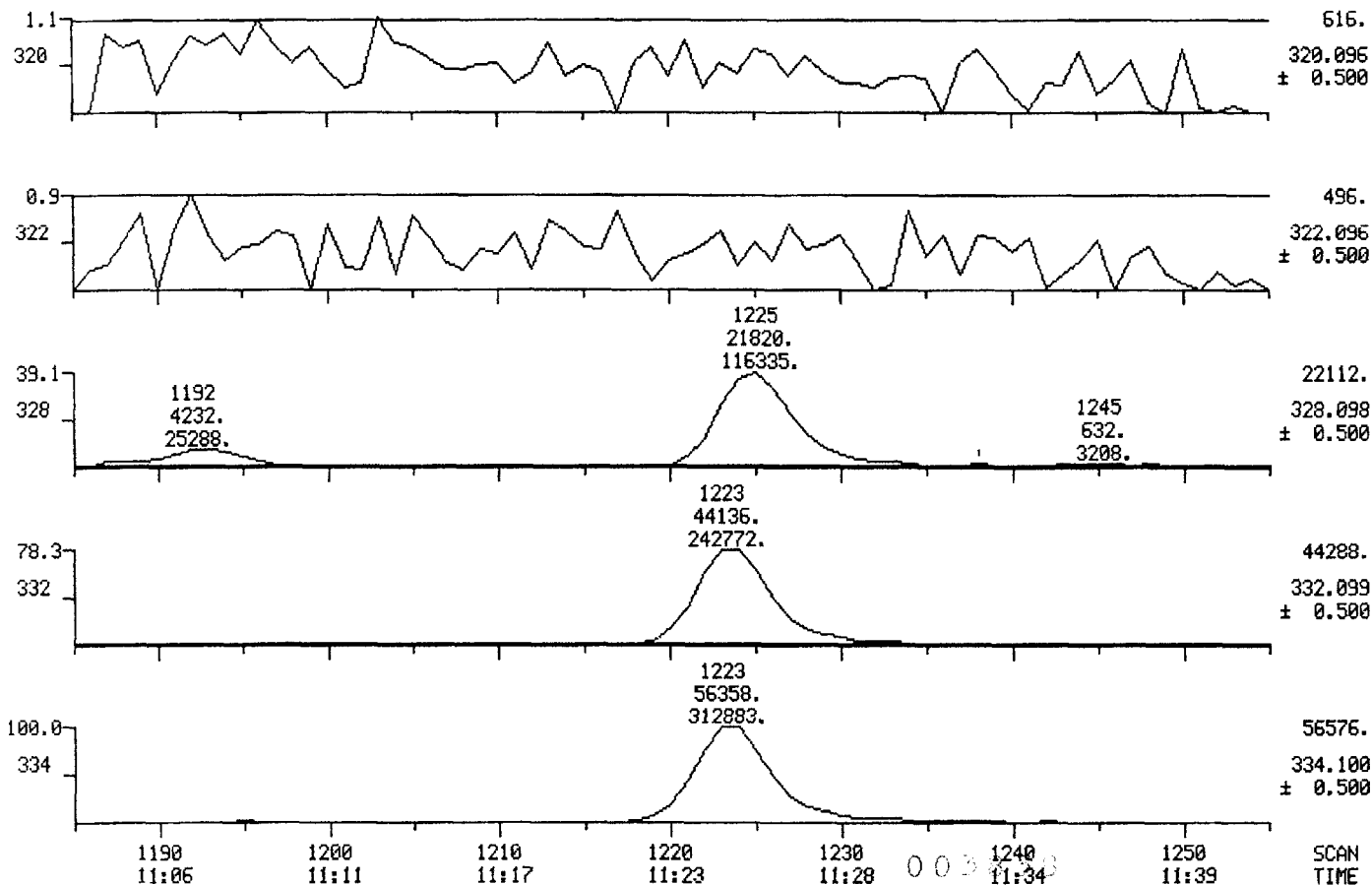
SAMPLE: 2UL OF 50UL (10.03G) DF003814, IFB

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2354 #1350

CALI: F5840920 #10

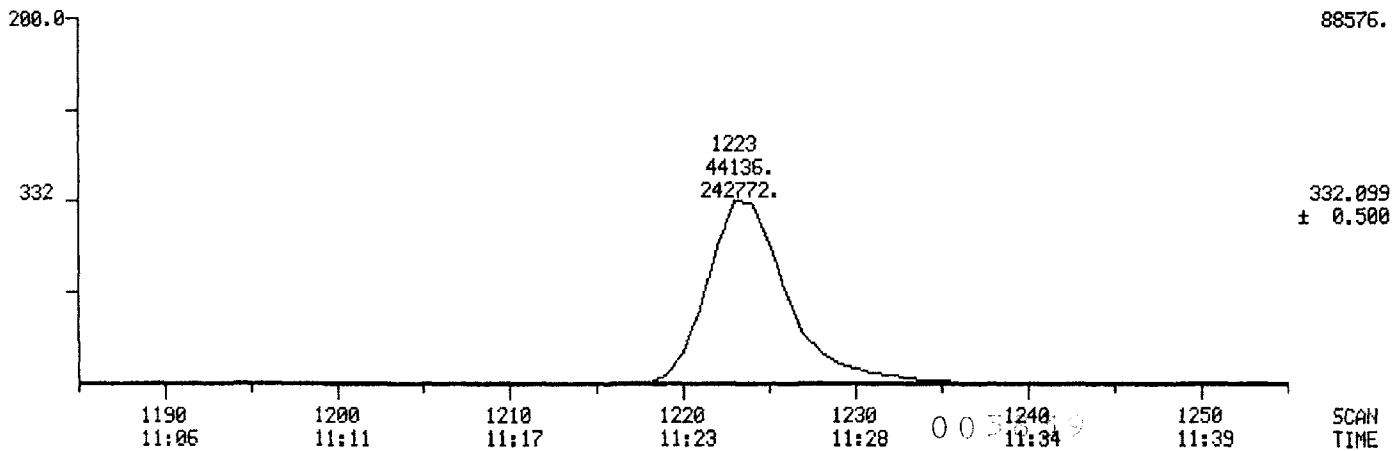
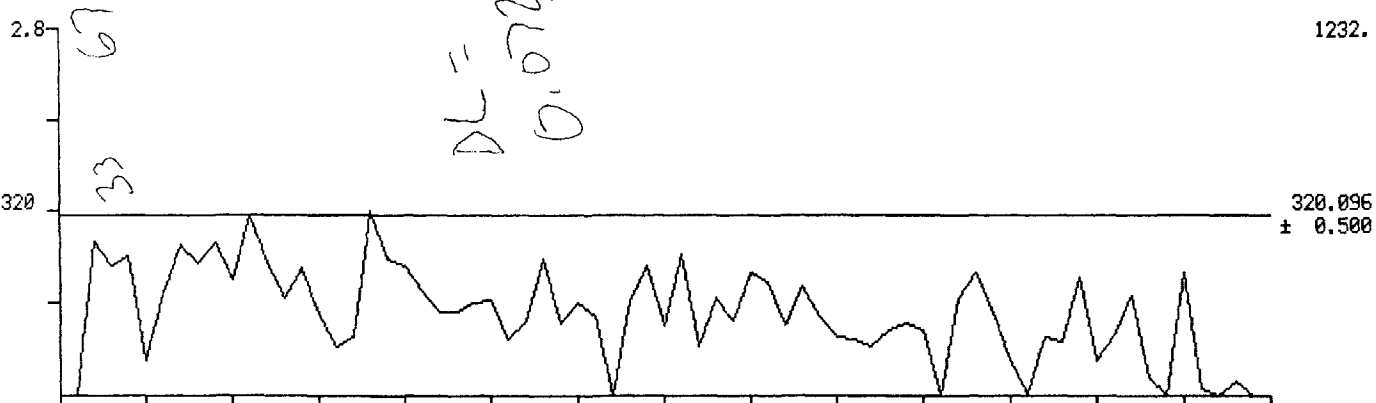
SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS
09/20/84 10:09:00
SAMPLE: 2UL OF 50UL (10.03G) DF003814, IFB
RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2354 #1350
CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 10:32:00

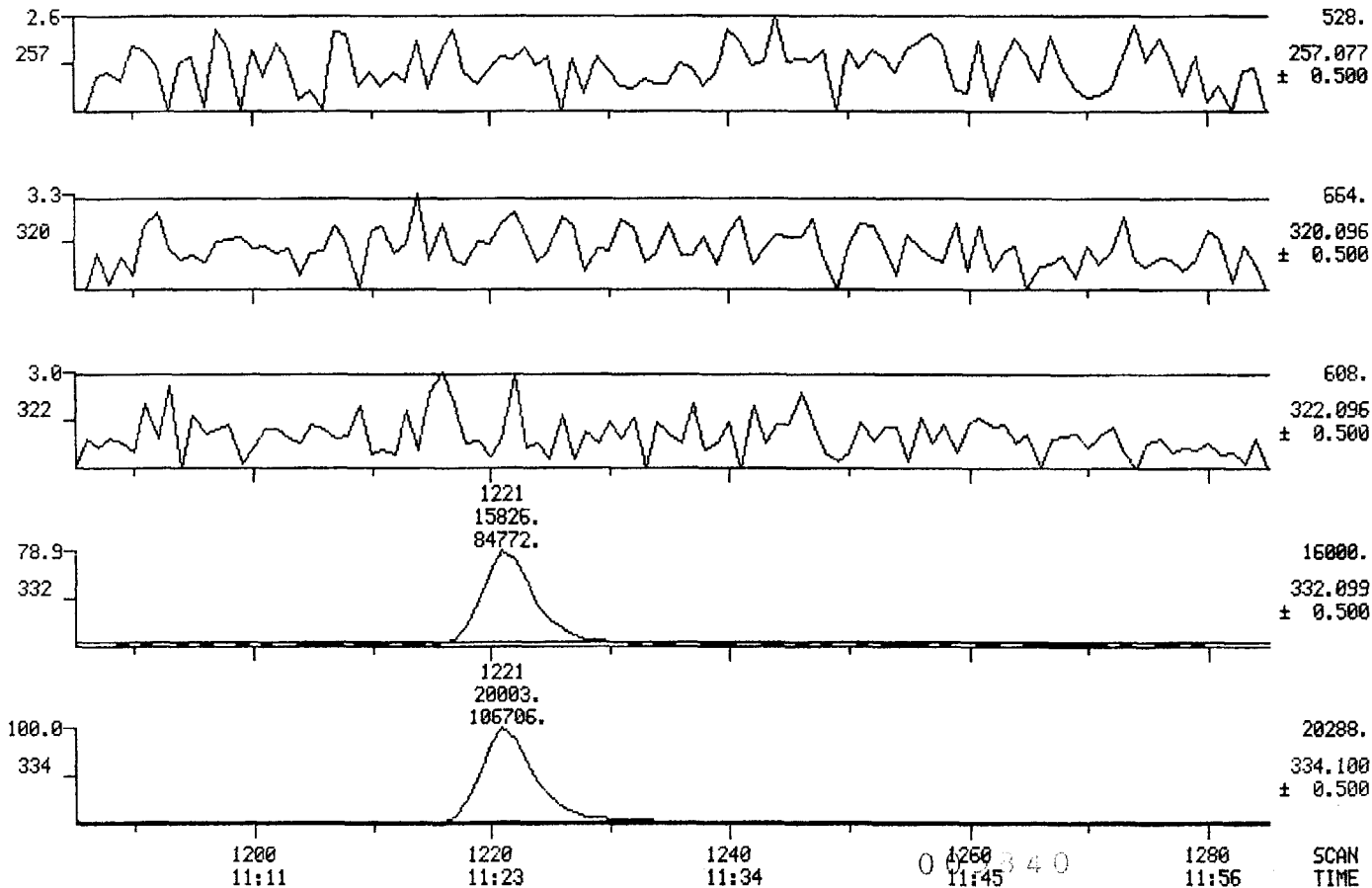
SAMPLE: 2UL OF 50UL (10.26G) DF003015, IFB

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2355 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 10:32:00

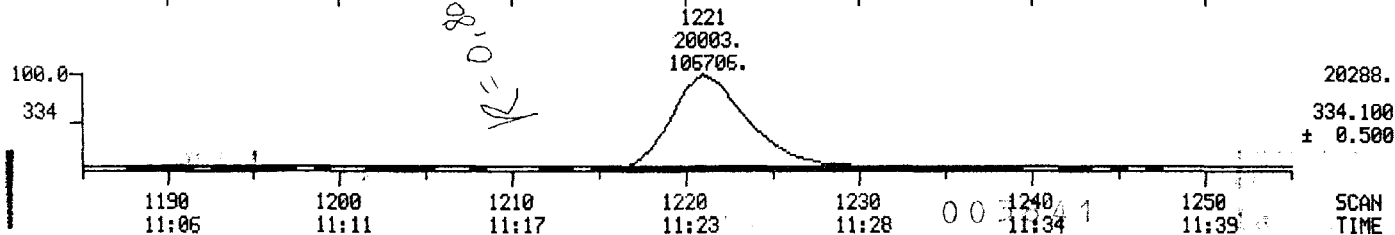
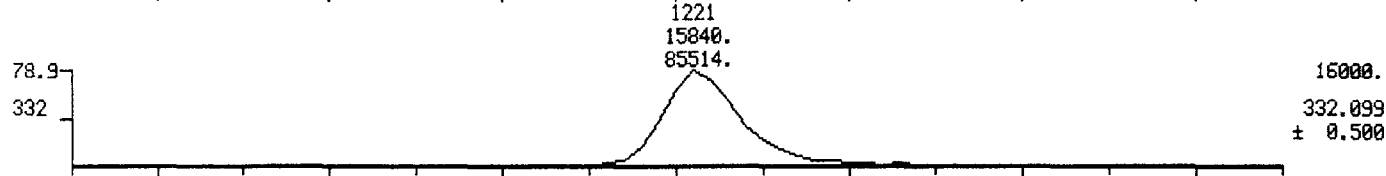
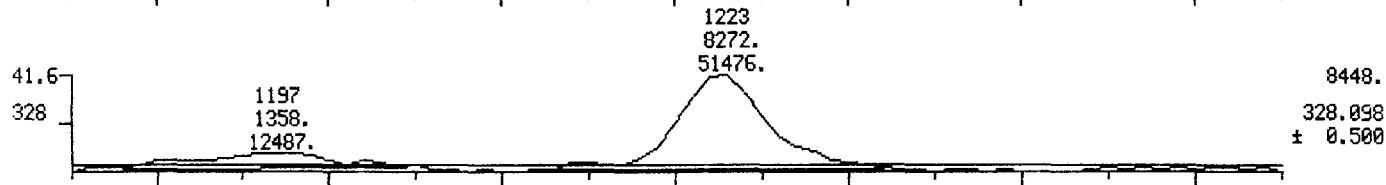
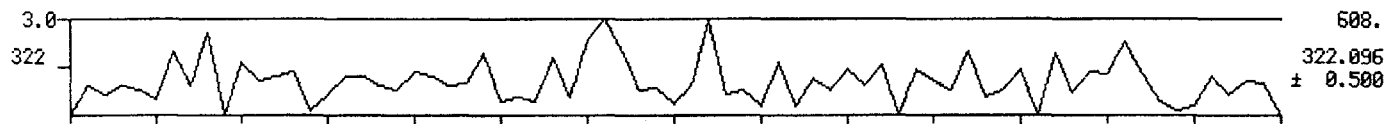
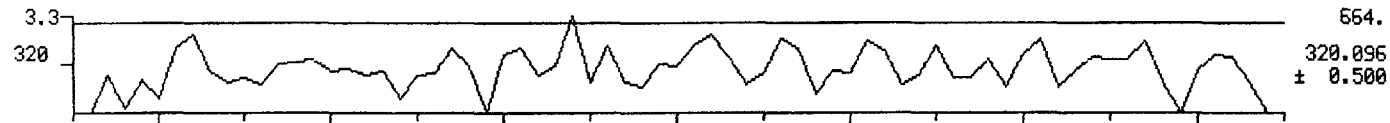
SAMPLE: 2UL OF 50UL (10.26G) DF003815, IFB

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2355 #1350

CALI: F5840920 #10

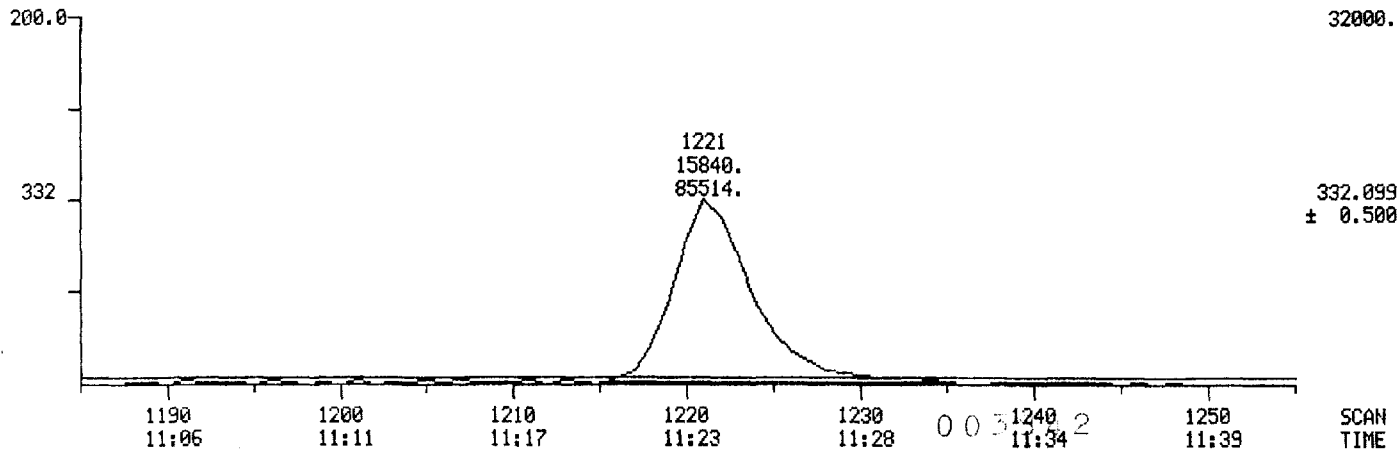
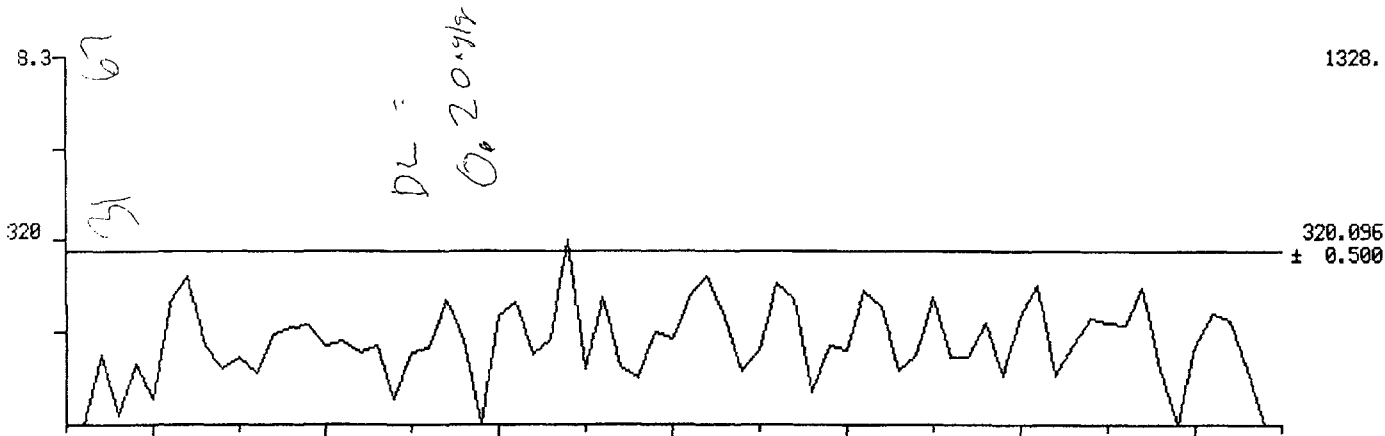
SCANS 1185 TO 1255



1322
MID MASS CHROMATOGRAMS
09/20/84 10:32:00
SAMPLE: 2UL OF 50UL (10.26G) DF003815, IFB
RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2355 #1350
CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 10:50:00

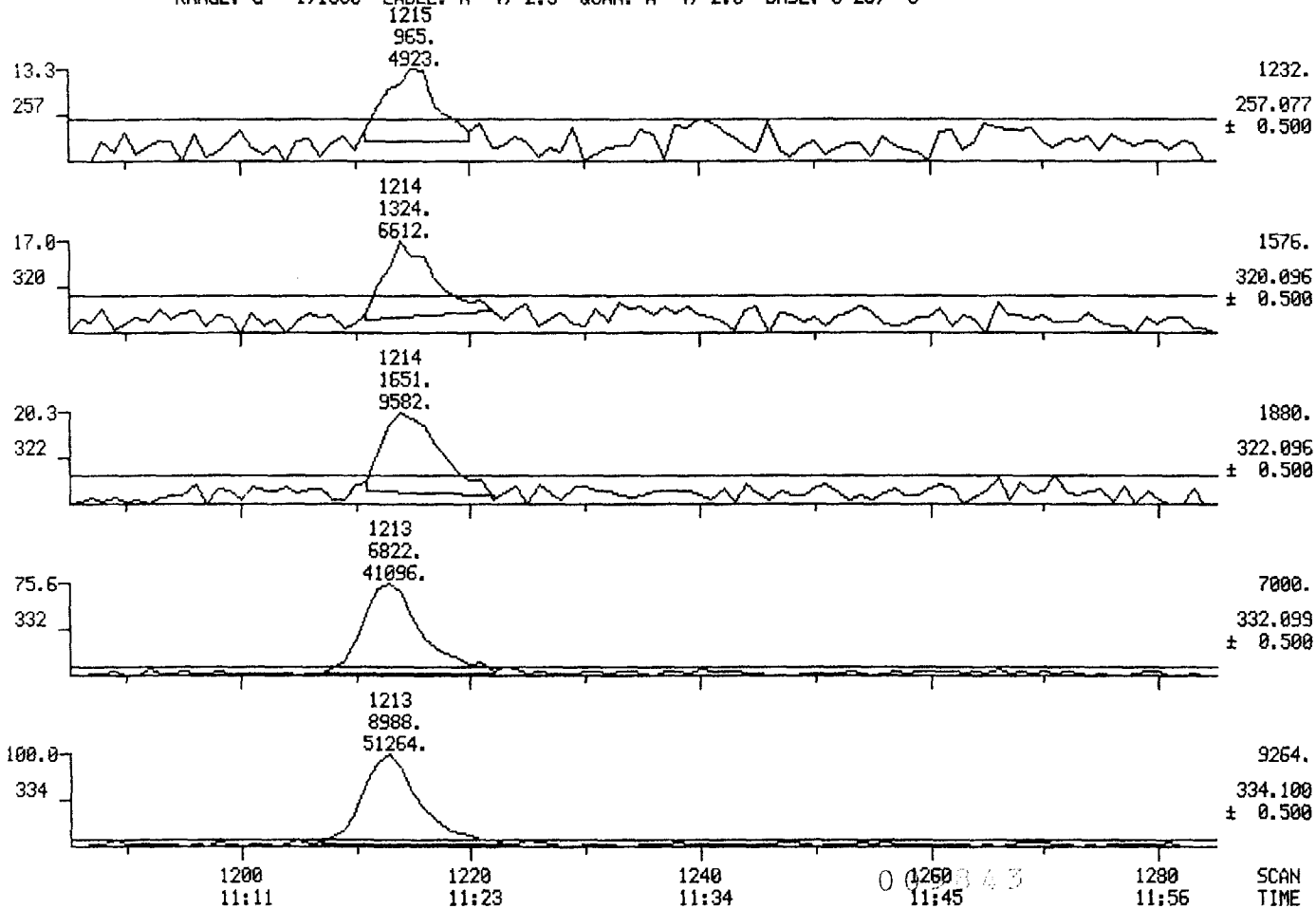
SAMPLE: 2UL OF 50UL (10.05G) DF003816, IFB

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2356 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 10:59:00

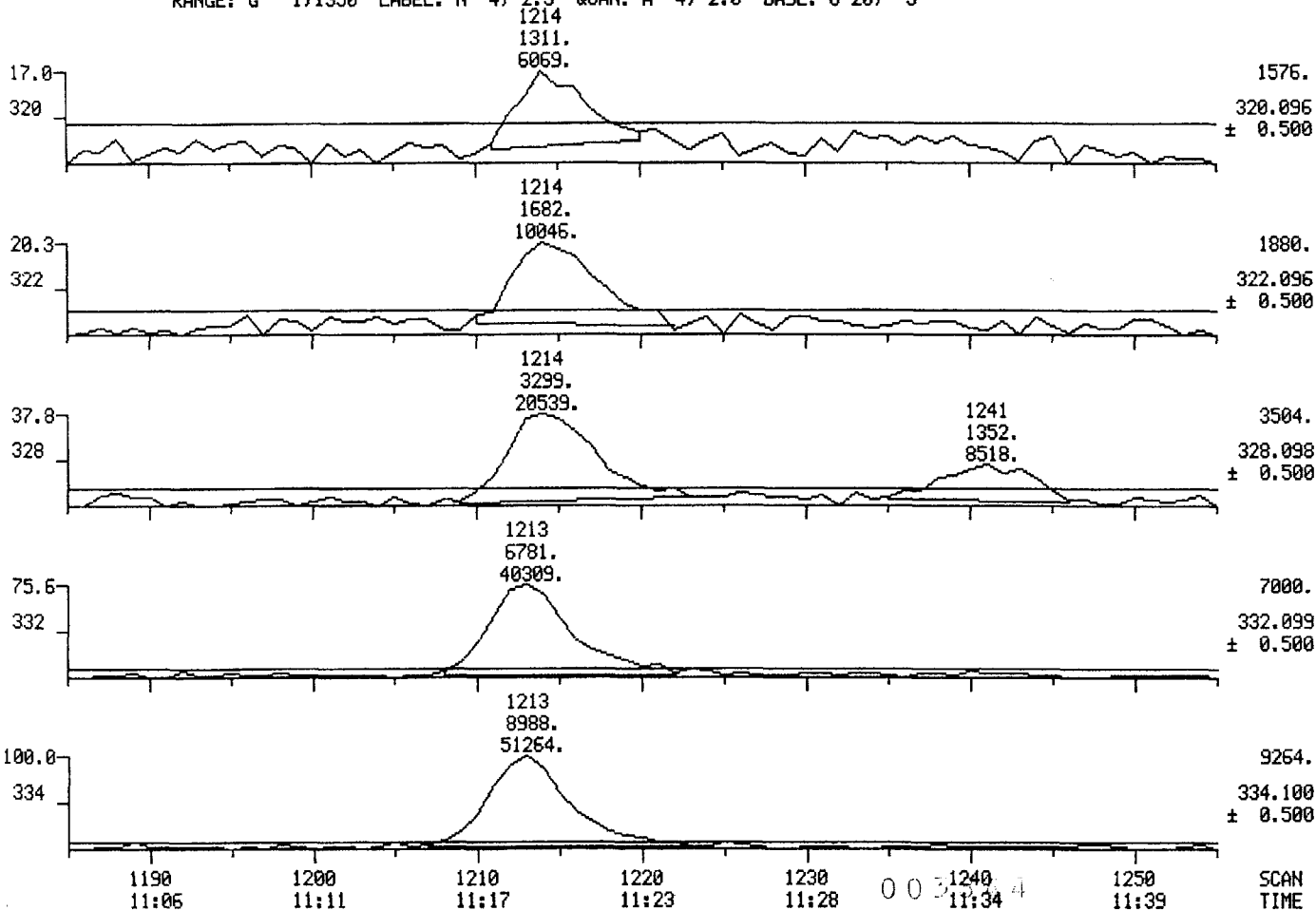
SAMPLE: 2UL OF 50UL (10.05G) DF003816, IFB

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2356 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 10:58:00

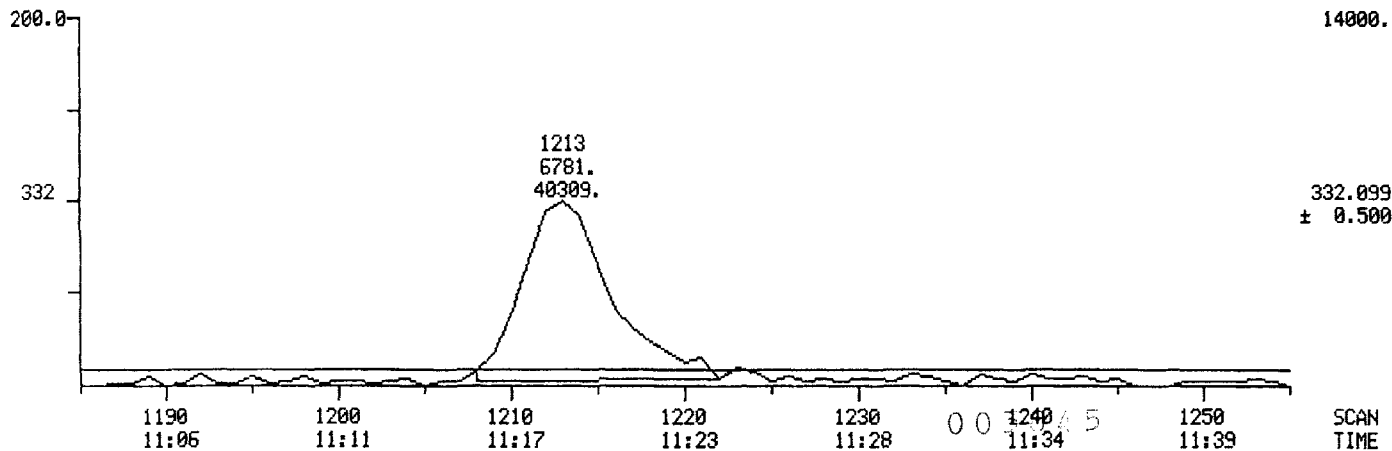
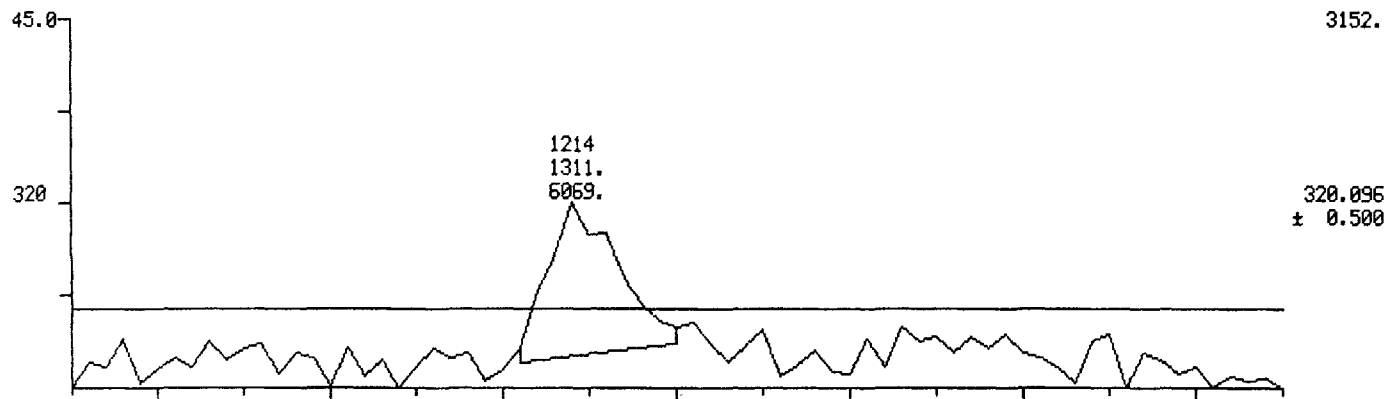
SAMPLE: 2UL OF 50UL (10.05G) DF003816, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2356 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 11:19:00

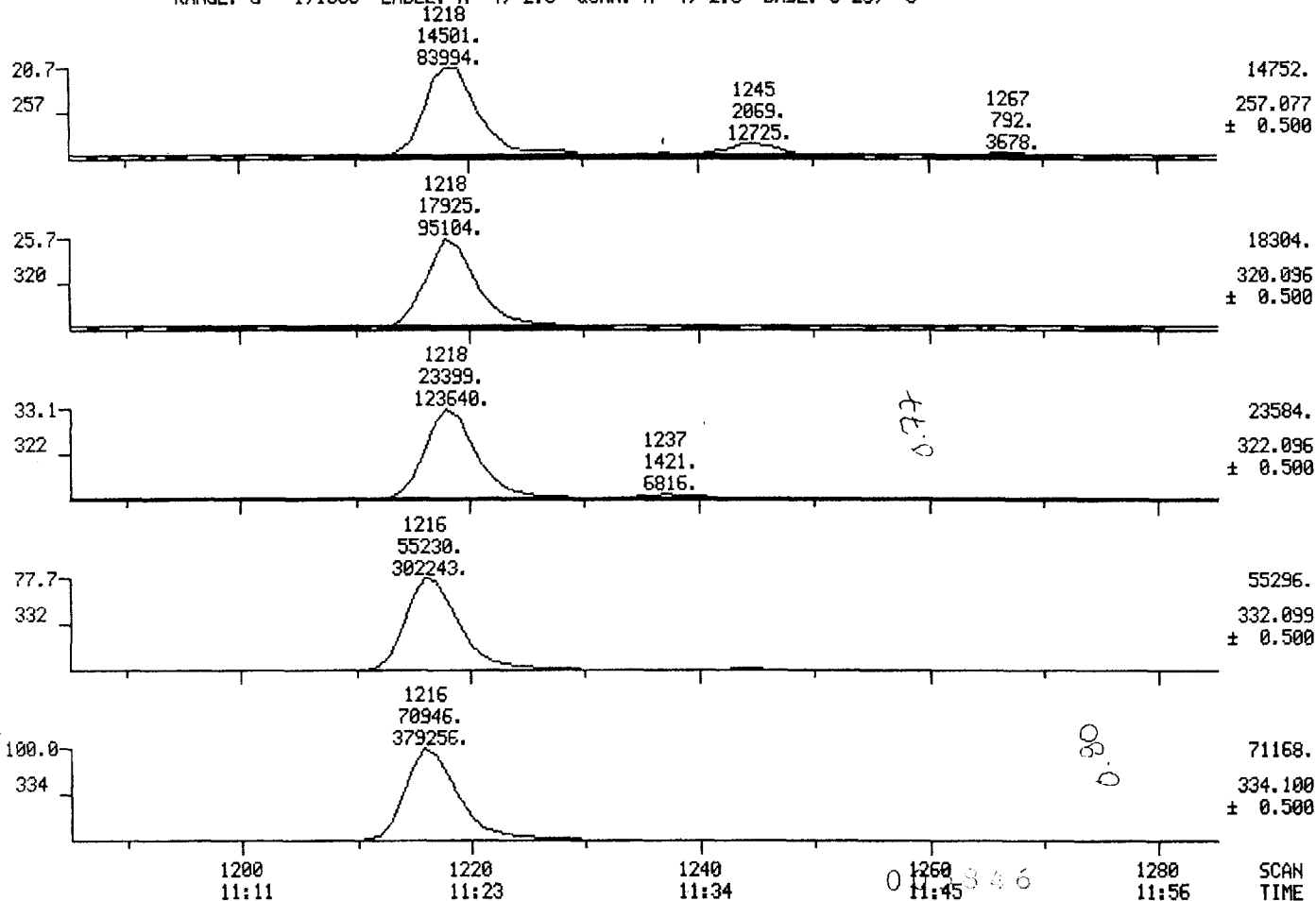
SAMPLE: 2UL OF 50UL (10.01G) DFF003817, IFB

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2357 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 11:19:00

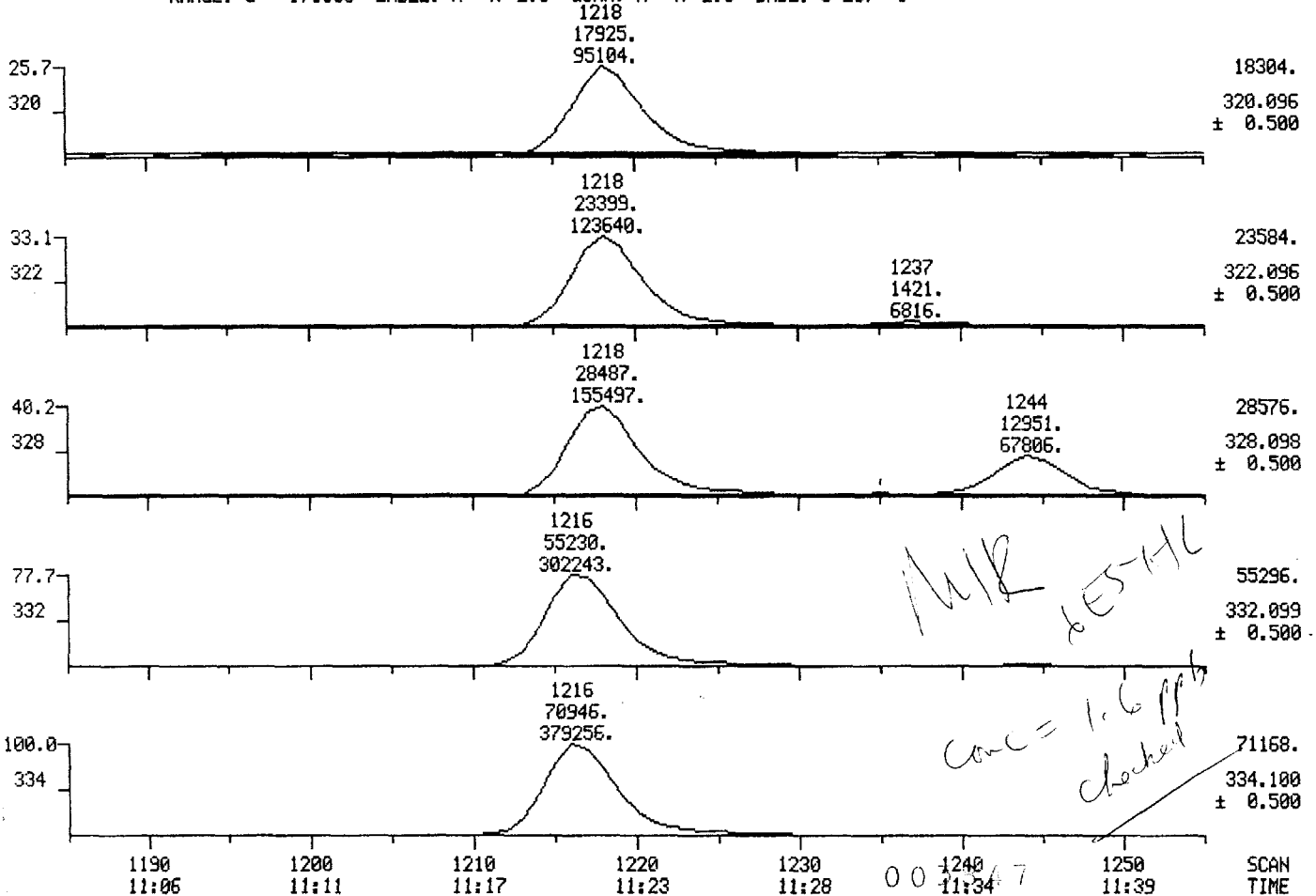
SAMPLE: 2UL OF 50UL (10.01G) DFF003817, IFB

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2357 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 11:19:00

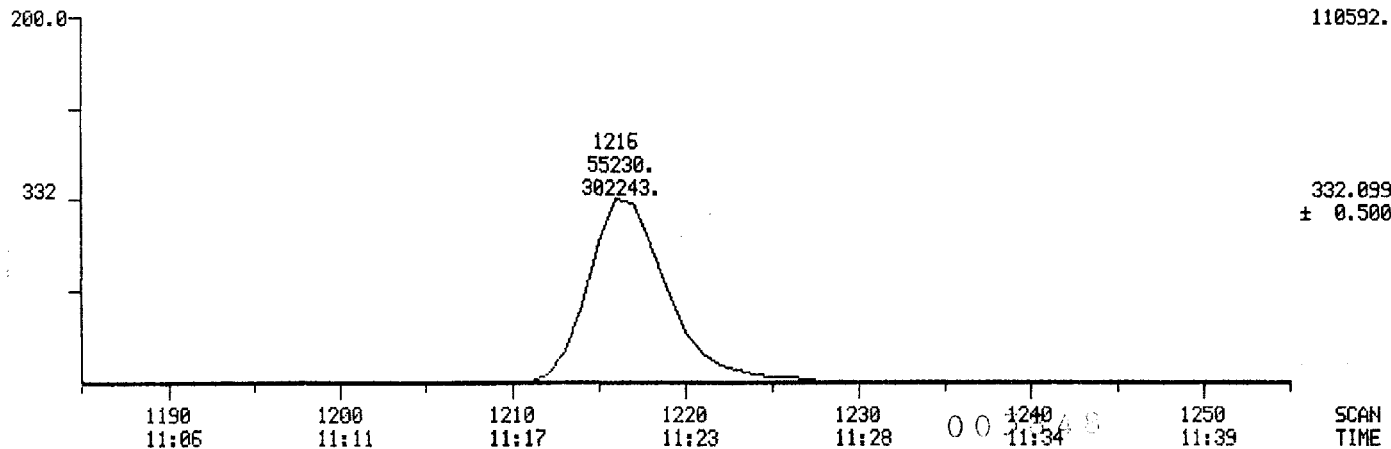
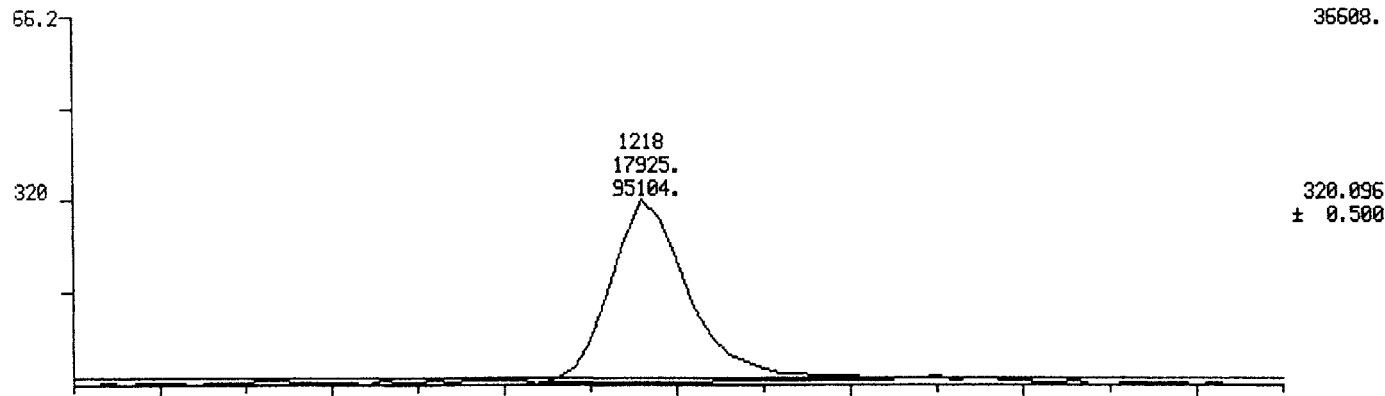
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RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2357 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 14:12:00

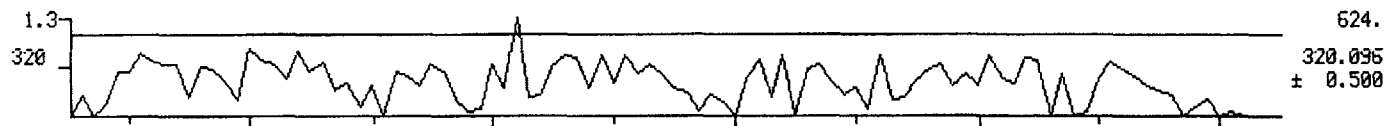
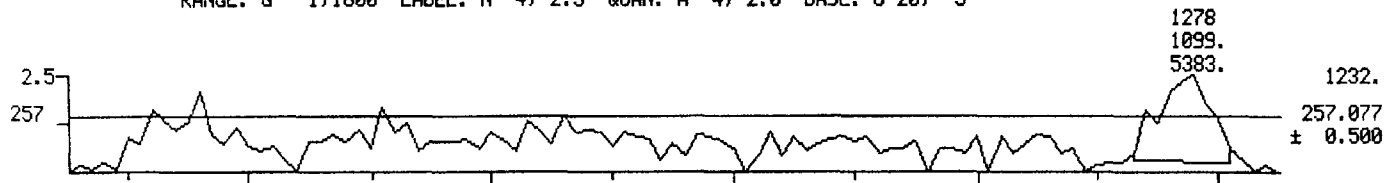
SAMPLE: 2UL OF 50UL (10.06G) DF003818, IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2358RI #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



1200
11:11

1220
11:23

1240
11:34

1260
11:45

1280
11:56

SCAN
TIME

MID MASS CHROMATOGRAMS

09/20/84 14:12:00

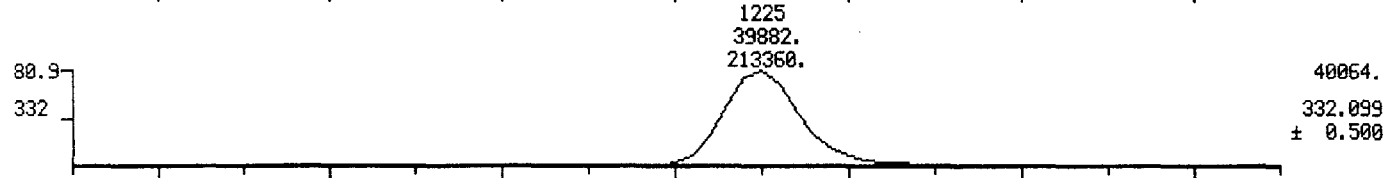
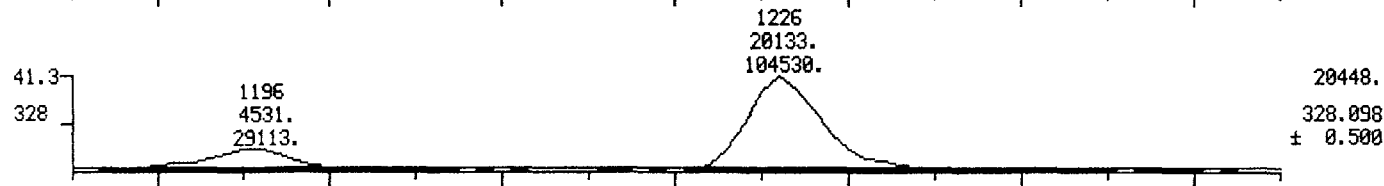
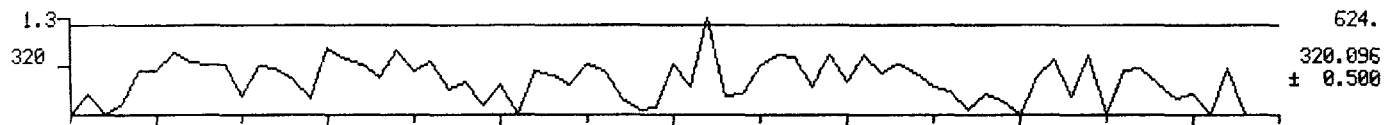
SAMPLE: 2UL OF 50UL (10.06G) DF003818, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

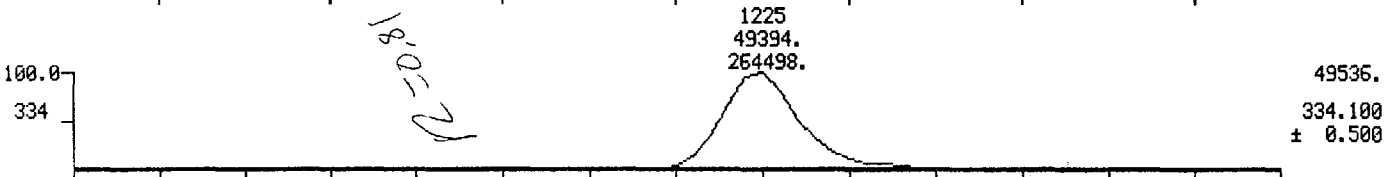
DATA: T2358RI #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



1.8 x 10^-20



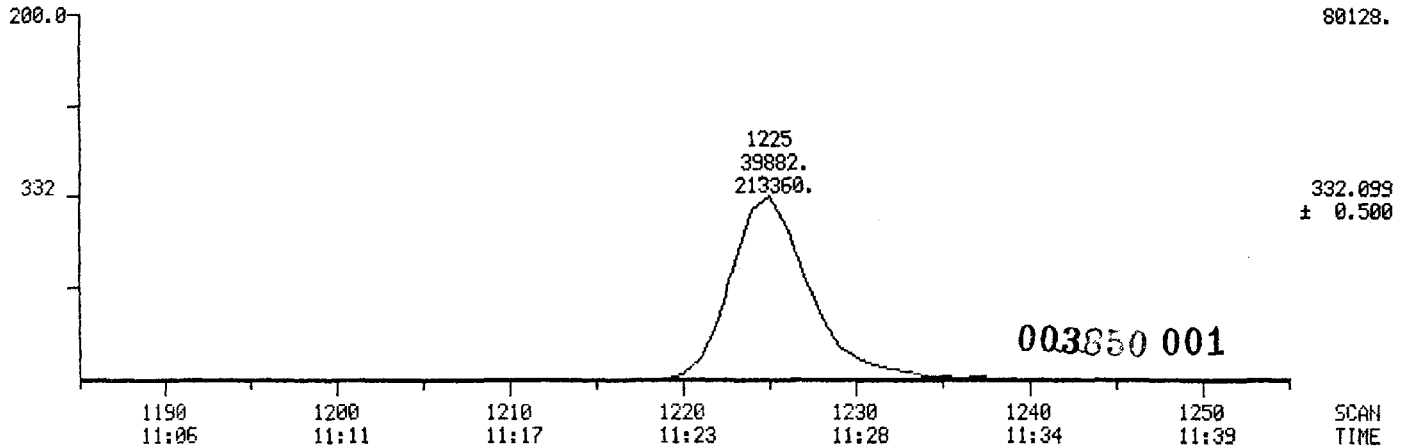
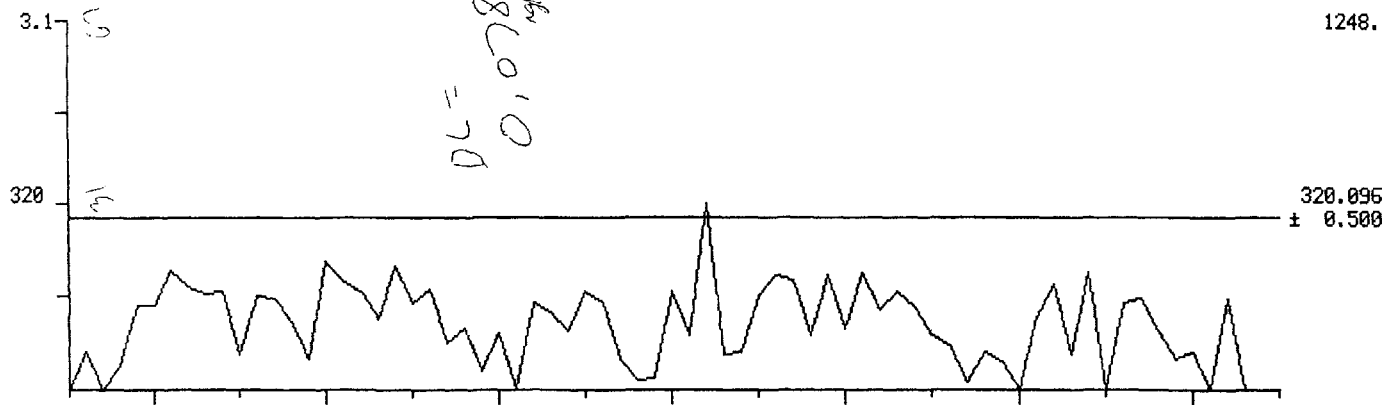
1190 11:05 1200 11:11 1210 11:17 1220 11:23 1230 11:28 00 1240 11:34 1250 11:39 SCAN TIME

1248

MID MASS CHROMATOGRAMS
09/20/84 14:12:00
SAMPLE: 2UL OF 50UL (10.06G) DF003818, IFB
RANGE: G 1,1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2358RI #1350
CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 13:36:00

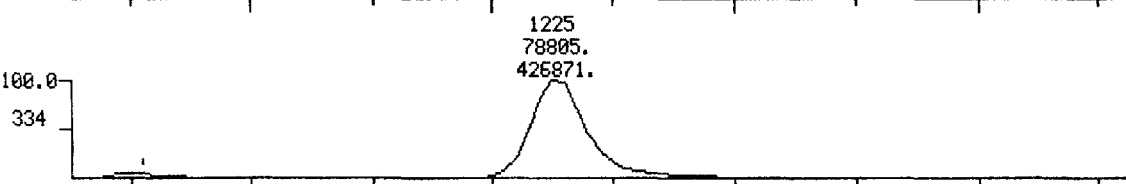
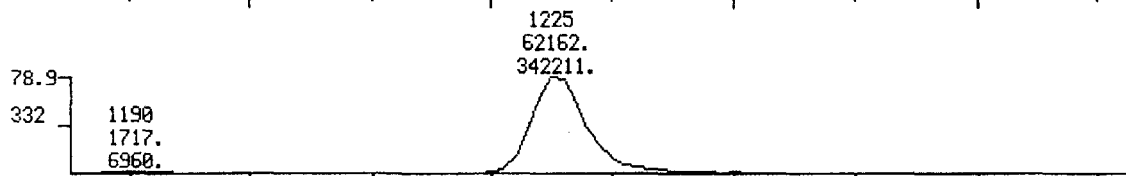
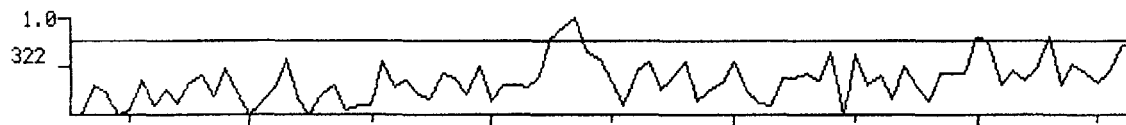
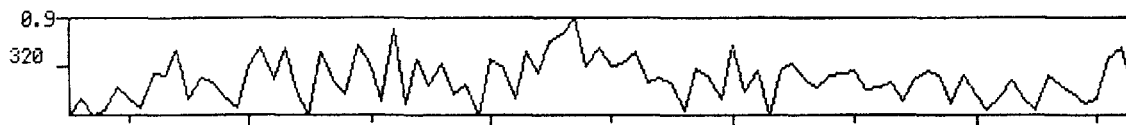
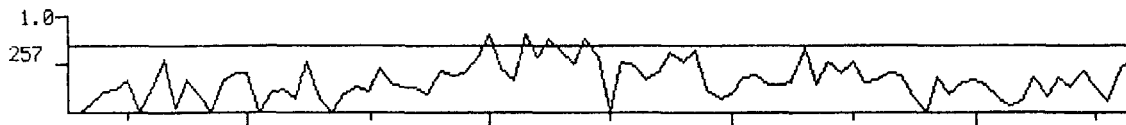
SAMPLE: 2UL OF 50UL (10.09G) DF003819, IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2359 #1350

CALI: F5840920 #10

SC



1200
11:11

1220
11:23

1240
11:34

1260
11:45

851

MID MASS CHROMATOGRAMS

09/20/84 13:36:00

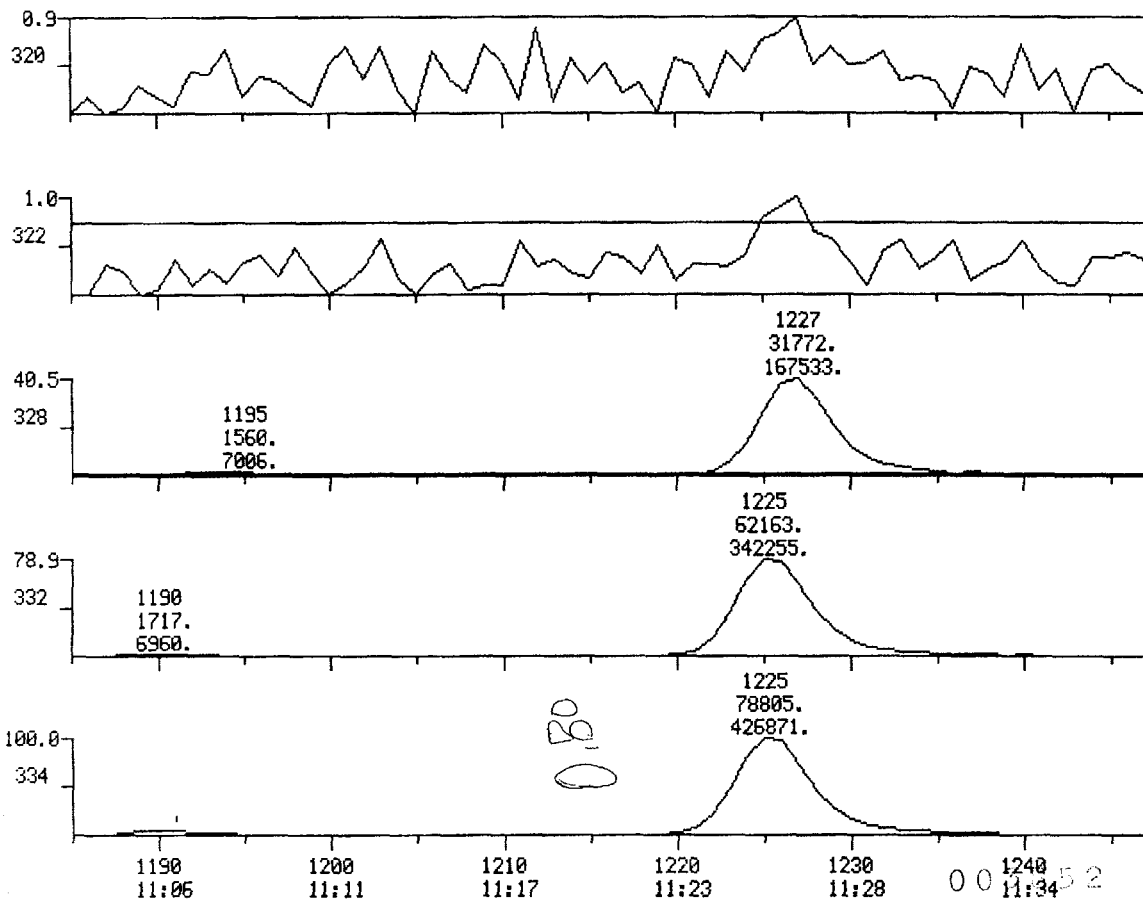
SAMPLE: 2UL OF 50UL (10.09G) DF003819, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2359 #1350

CALI: F5840920 #10

SCA



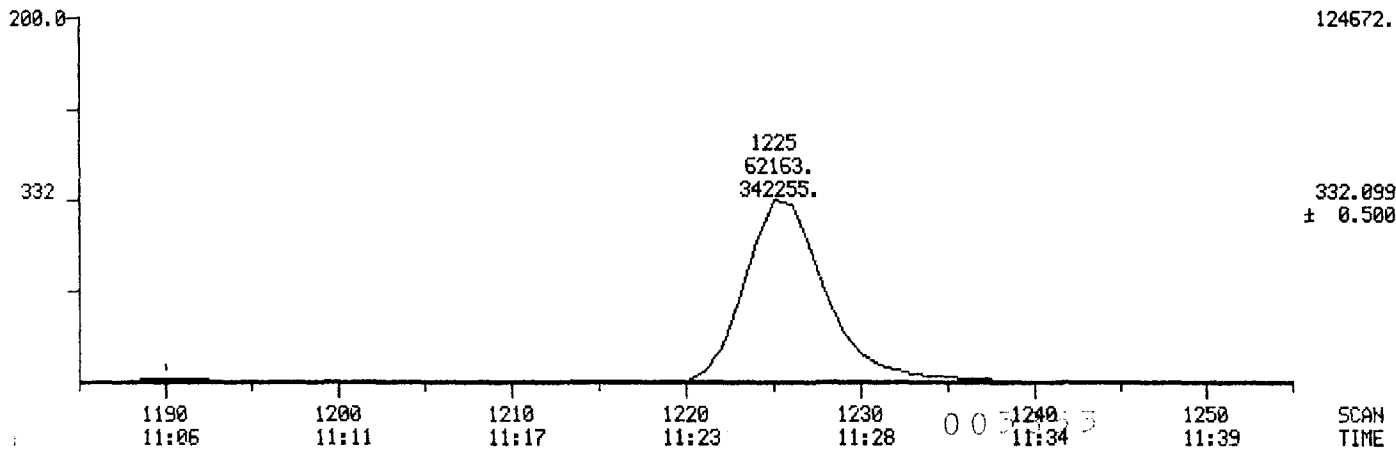
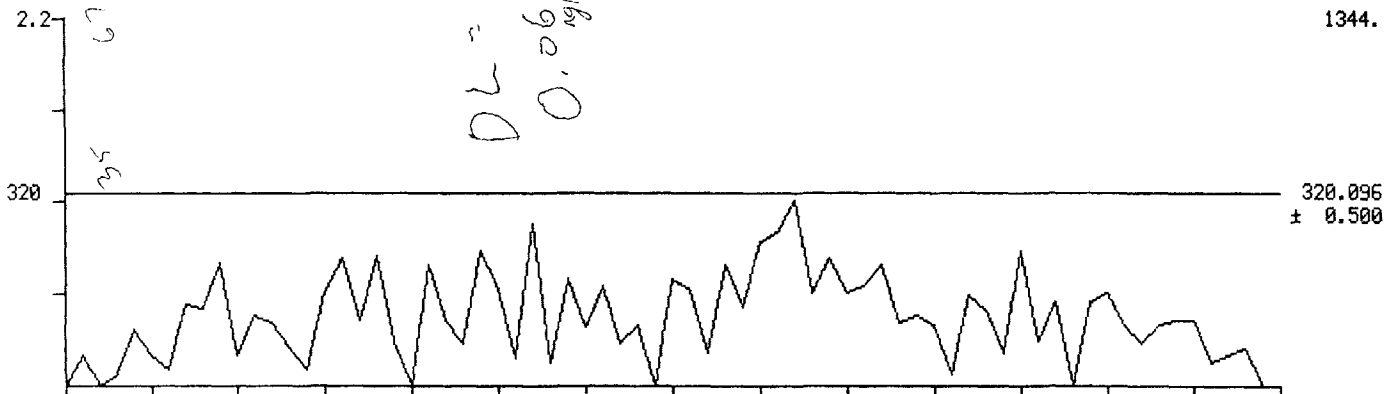
1344

MID MASS CHROMATOGRAMS
09/20/94 13:36:00
SAMPLE: 2UL OF 50UL (10.09G) DF003819, IFB
RANGE: G 1,1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2359 #1350
CALI: F5840920 #10

SCANS 1185 TO 1255

DL = 0.060
19/9



MID MASS CHROMATOGRAMS

09/20/84 14:37:00

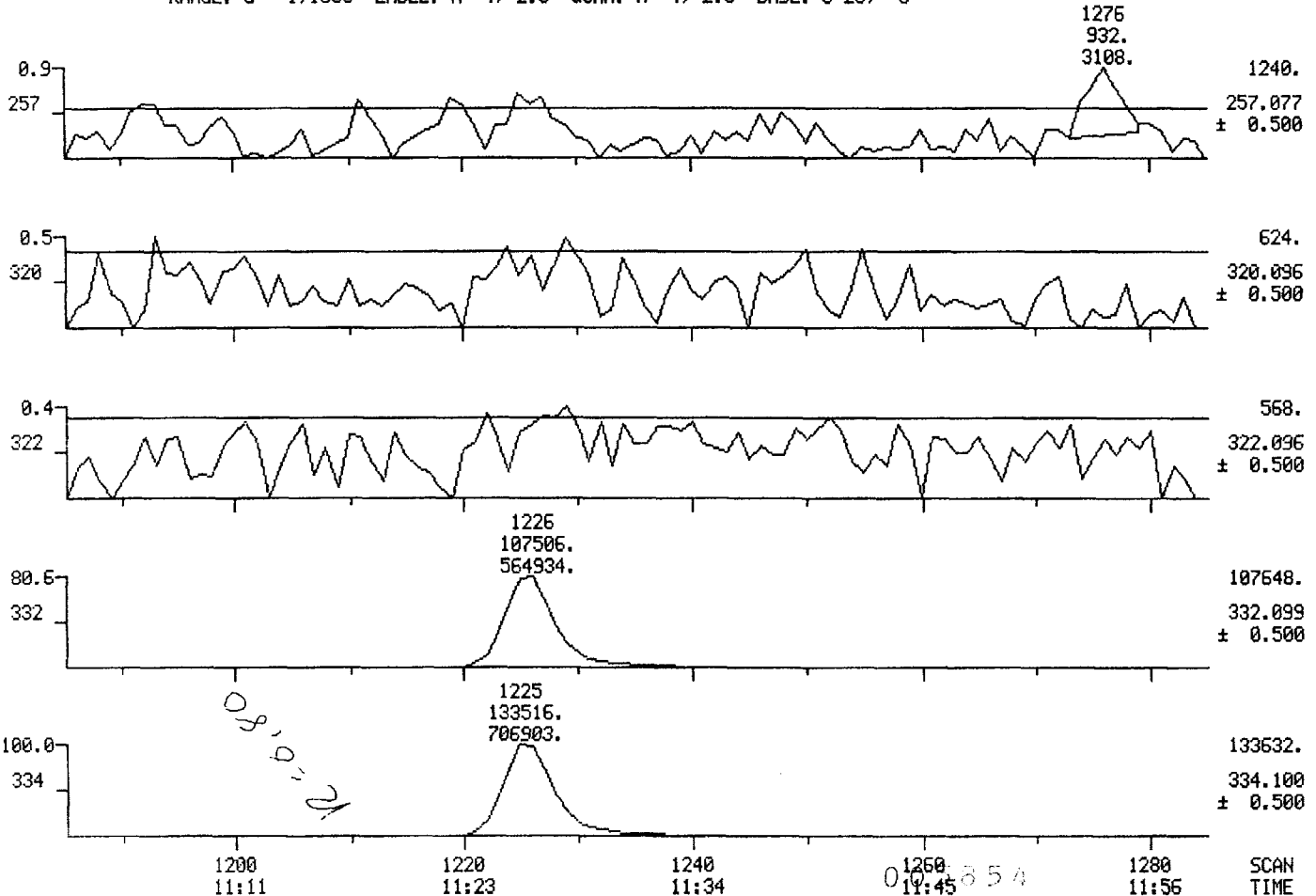
SAMPLE: 2UL OF 50UL (10.07G) DF003820, IFB

RANGE: G 1.1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2360 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 14:37:00

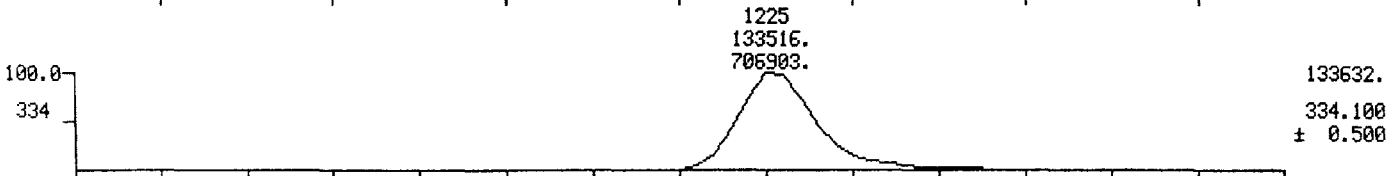
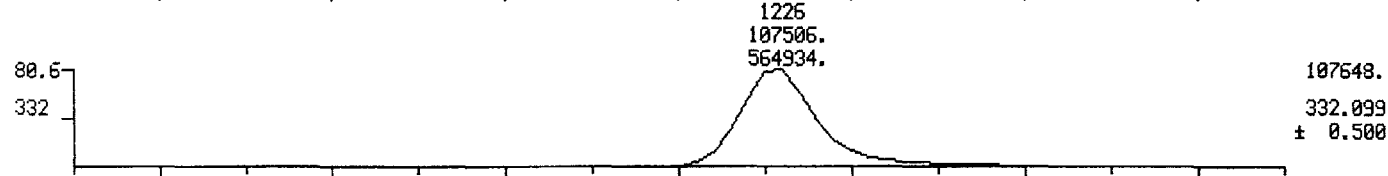
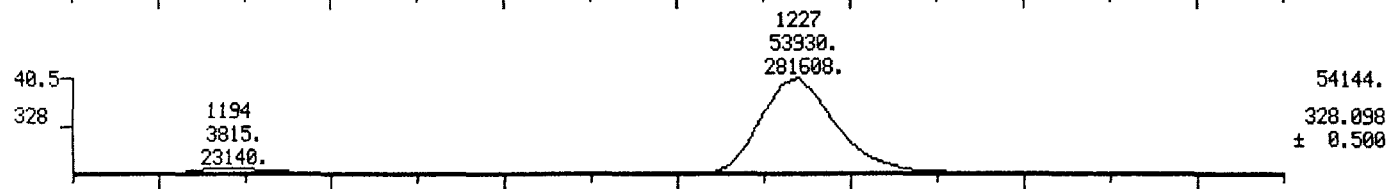
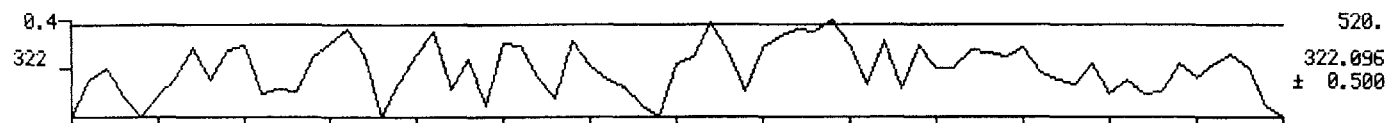
SAMPLE: 2UL OF 50UL (10.07G) DF003820, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2360 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255

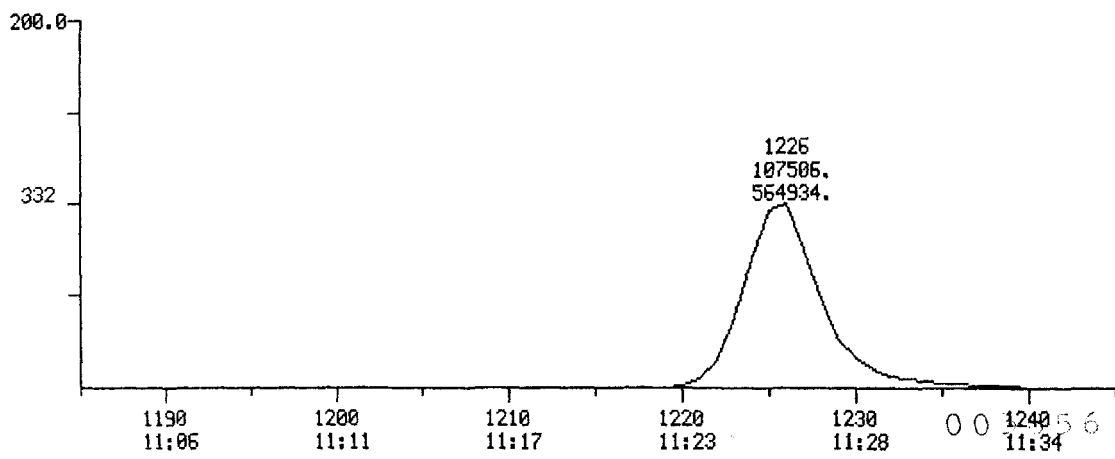
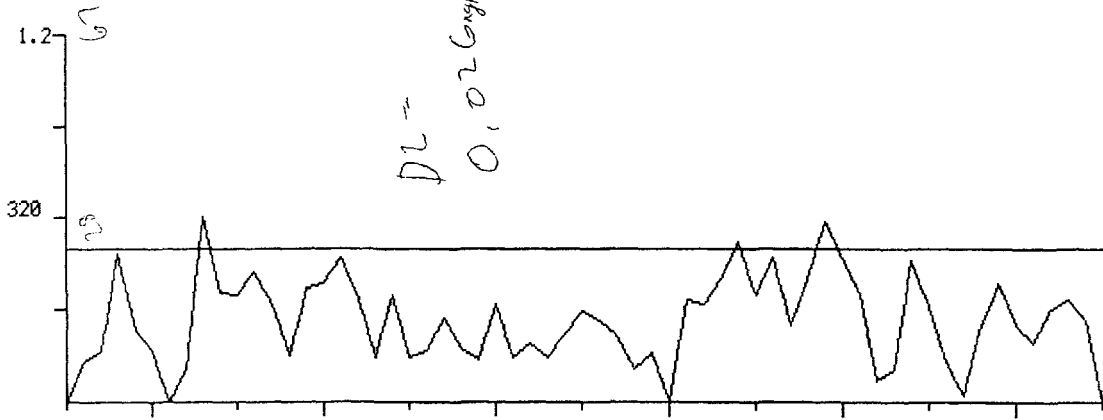


1190 1200 1210 1220 1230 00 1240 1250 SCAN
11:05 11:11 11:17 11:23 11:29 11:34 11:39 TIME

1248

MID MASS CHROMATOGRAMS
09/20/84 14:37:00
SAMPLE: 2UL OF 50UL (10.07G) DF003820, IFB
RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2360 #1350
CALI: F5840920 #10



MID MASS CHROMATOGRAMS

09/20/84 15:38:00

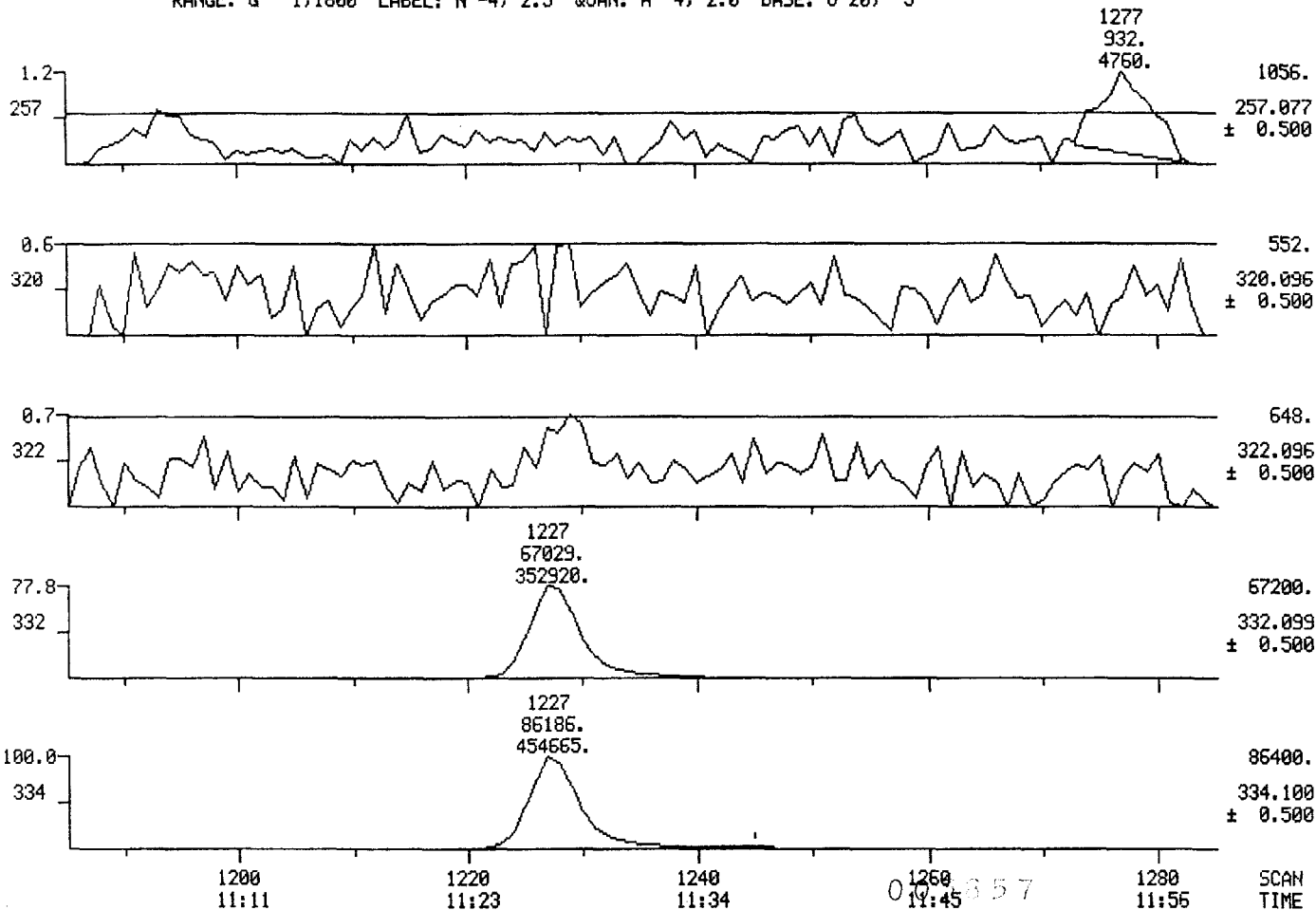
SAMPLE: 2UL OF 50UL (9.98G) DF003821, IFB

RANGE: G 1,1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2361 #1350

CALI: F5840320 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 15:38:00

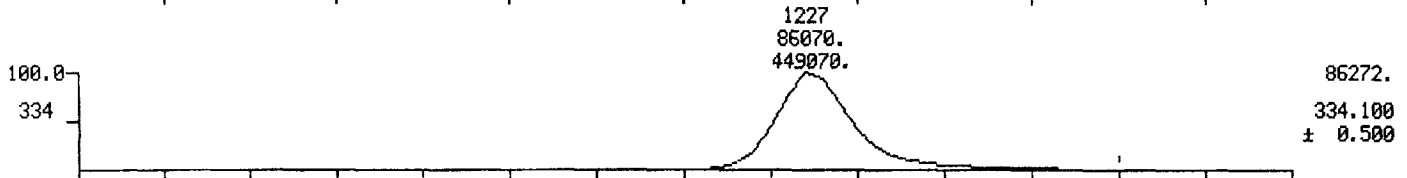
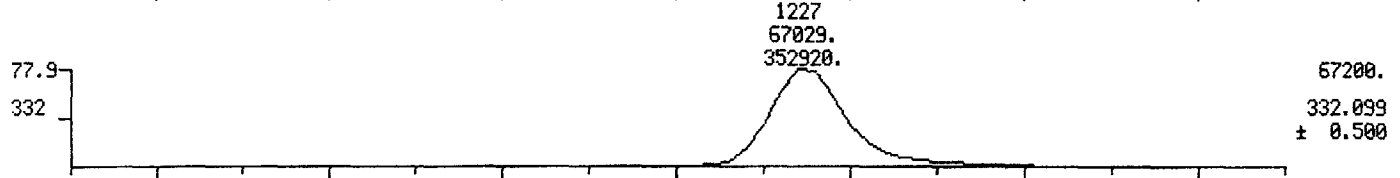
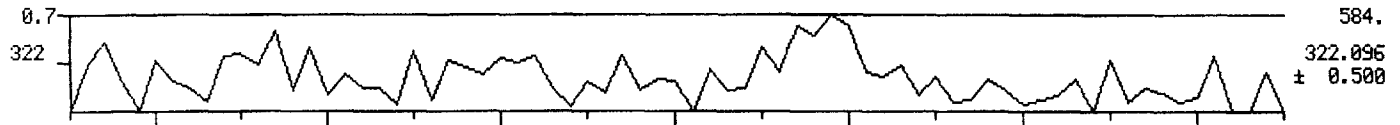
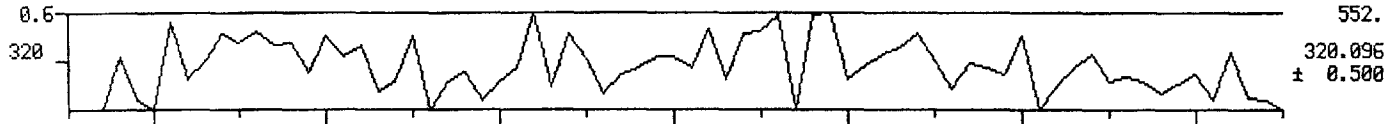
SAMPLE: 2UL OF 50UL (9.98G) DF003821, IFB

RANGE: G 1,1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2361 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



1190 1200 1210 1220 1230 00 1240 58 1250 SCAN
11:06 11:11 11:17 11:23 11:28 11:34 11:39 TIME

MID MASS CHROMATOGRAMS

09/20/84 15:38:00

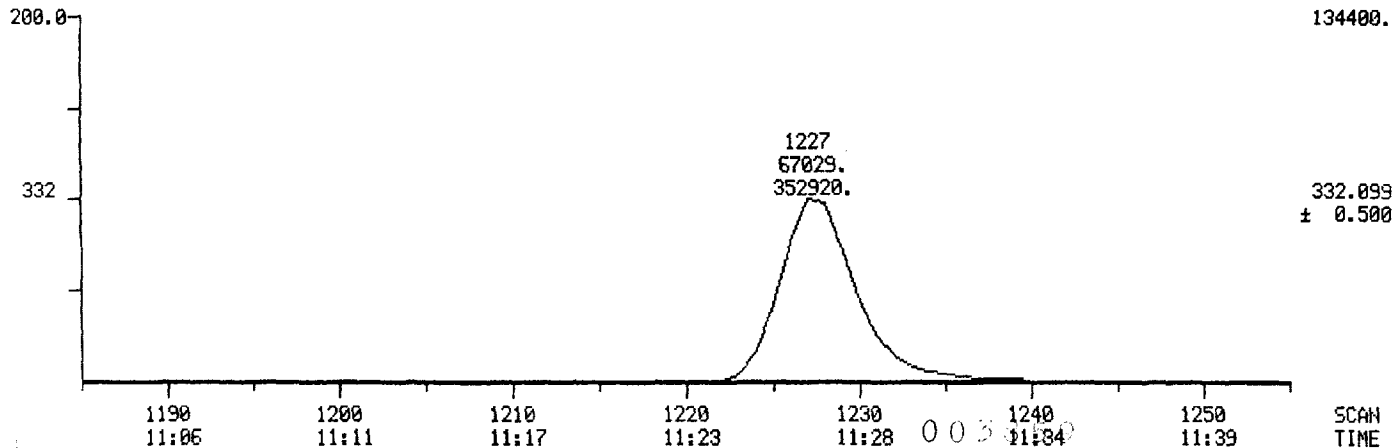
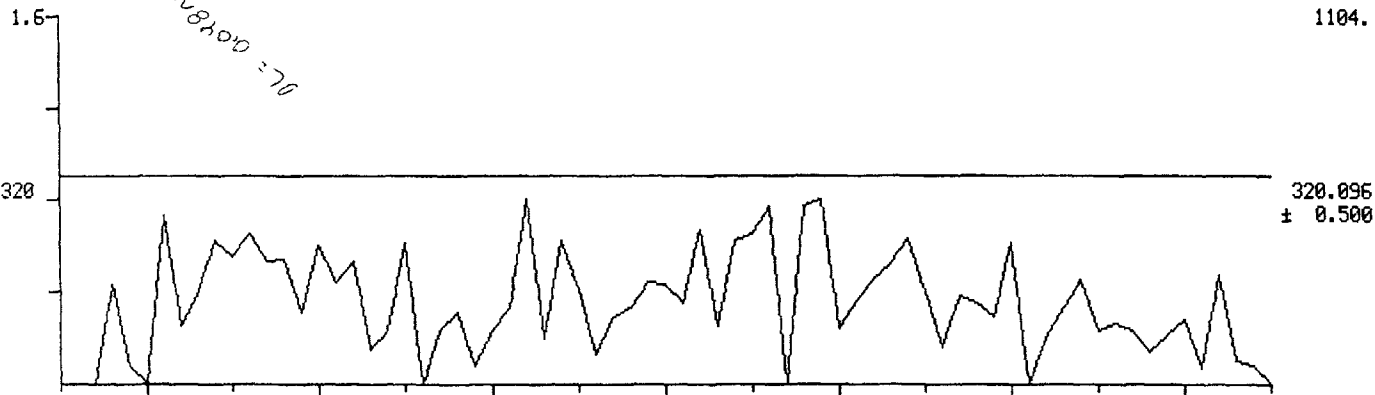
SAMPLE: 2UL OF 50UL (9.98G) DF003821, IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2361 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

DATA: T2362 #1350

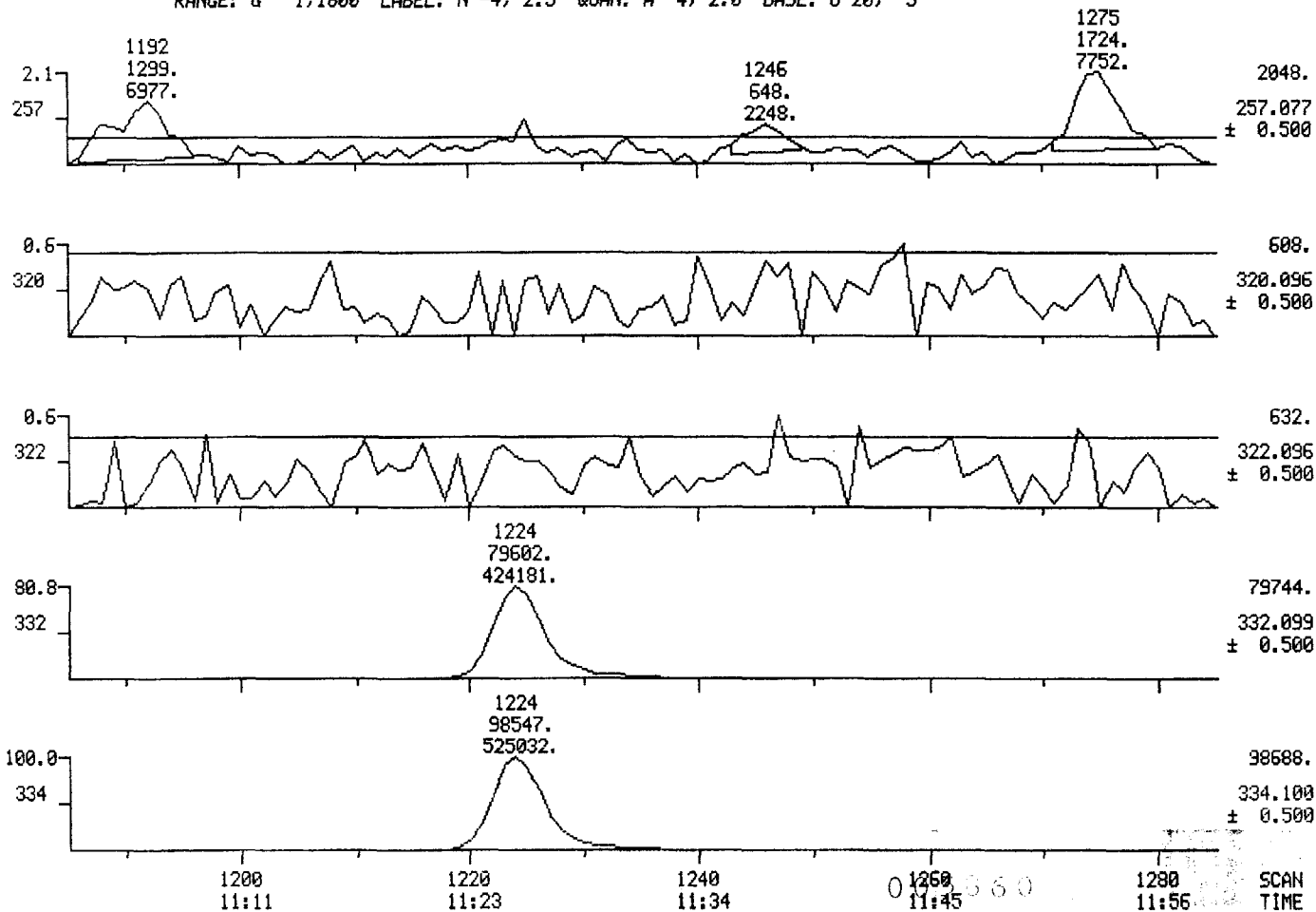
SCANS 1185 TO 1285

09/20/84 16:00:00

CALI: F5840920 #10

SAMPLE: 1UL OF 50UL CONC., DF003822 (10.01G), IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3



MID MASS CHROMATOGRAMS

09/20/84 16:00:00

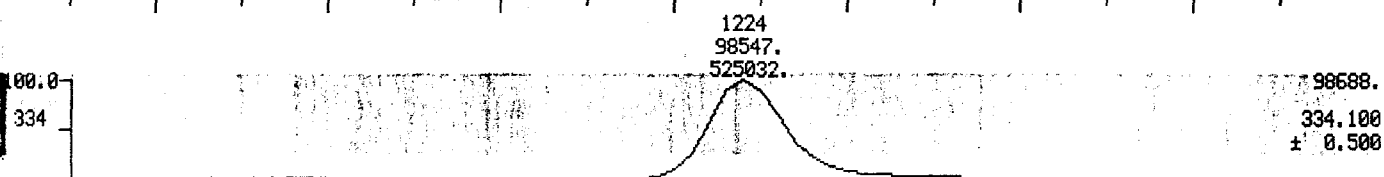
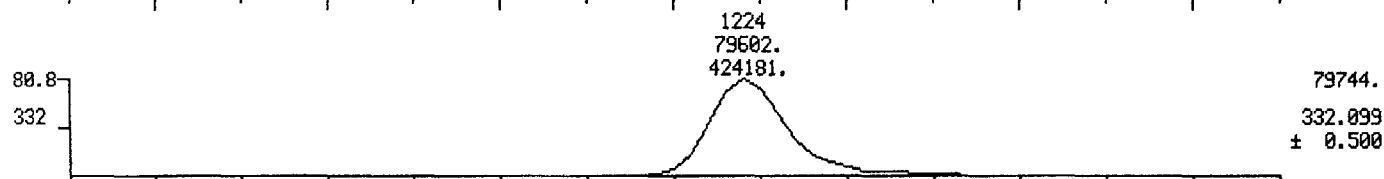
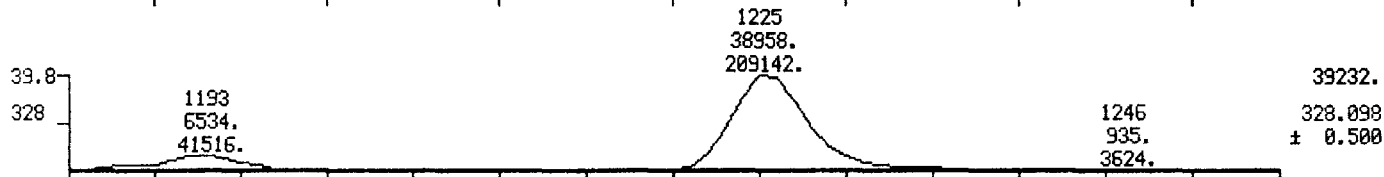
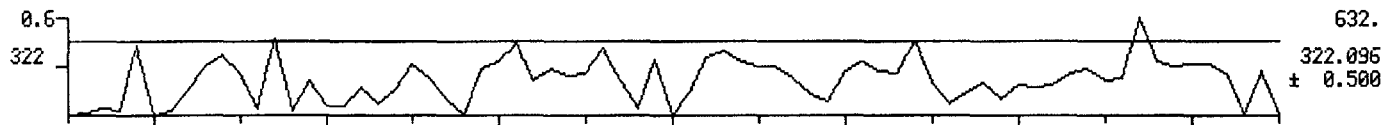
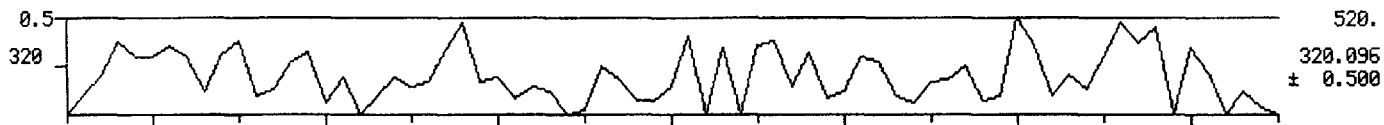
SAMPLE: 1UL OF 50UL CONC., DF003822 (10.01G), IFB

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2362 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



1190 1200 1210 1220 1230 1240 1250
11:05 11:11 11:17 11:23 11:28 11:34 11:39
0012061
SCAN TIME

MID MASS CHROMATOGRAMS

DATA: T2362 #1350

SCANS 1185 TO 1255

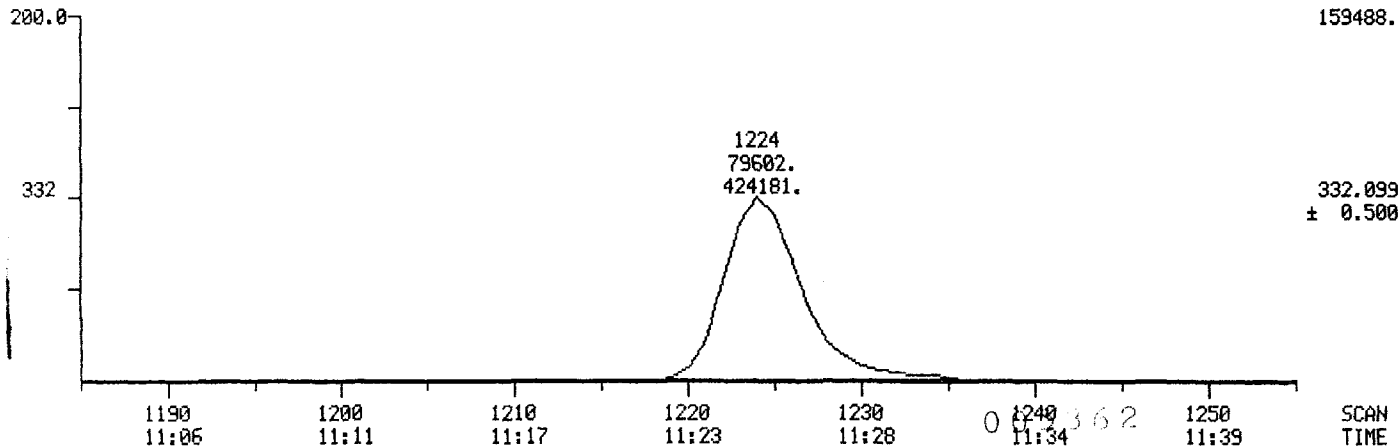
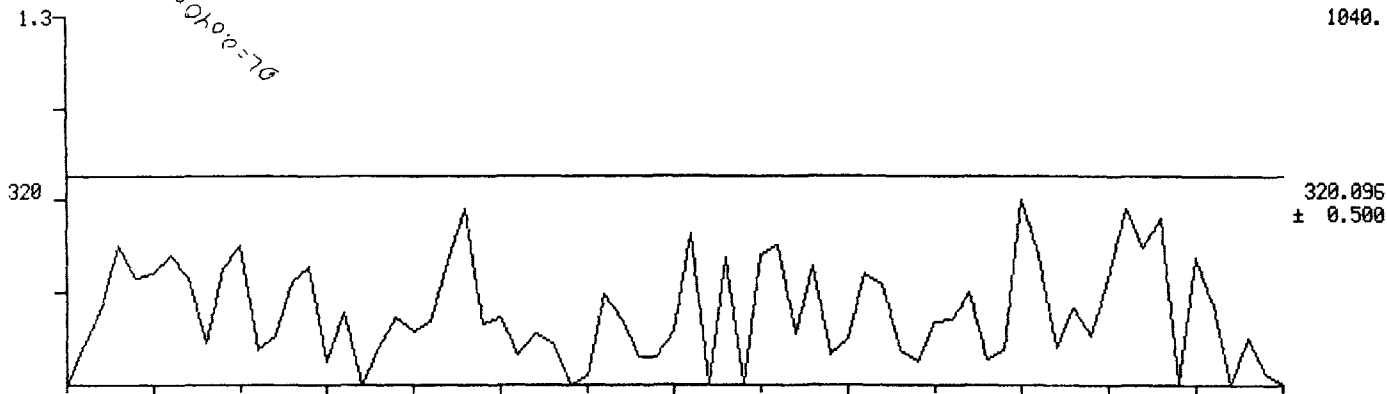
09/20/84 16:00:00

CALI: F5840920 #10

SAMPLE: 1UL OF 50UL CONC., DF003822 (10.01G), IFB

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

09/20/84 16:00:00



MID MASS CHROMATOGRAMS

09/20/84 17:21:00

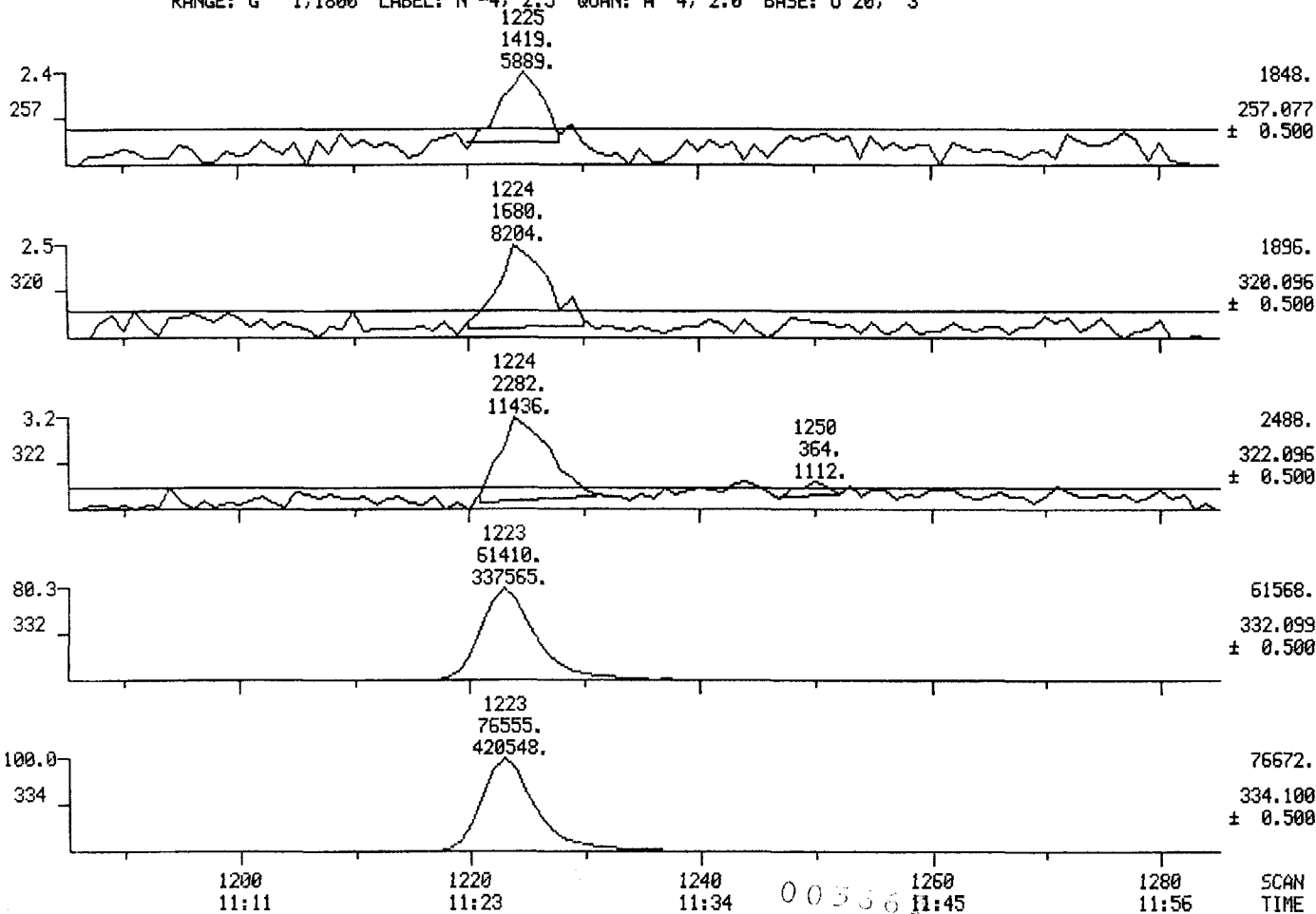
SAMPLE: 2UL OF 50UL CONC., DF003825 (10.04G), IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2363 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 17:21:00

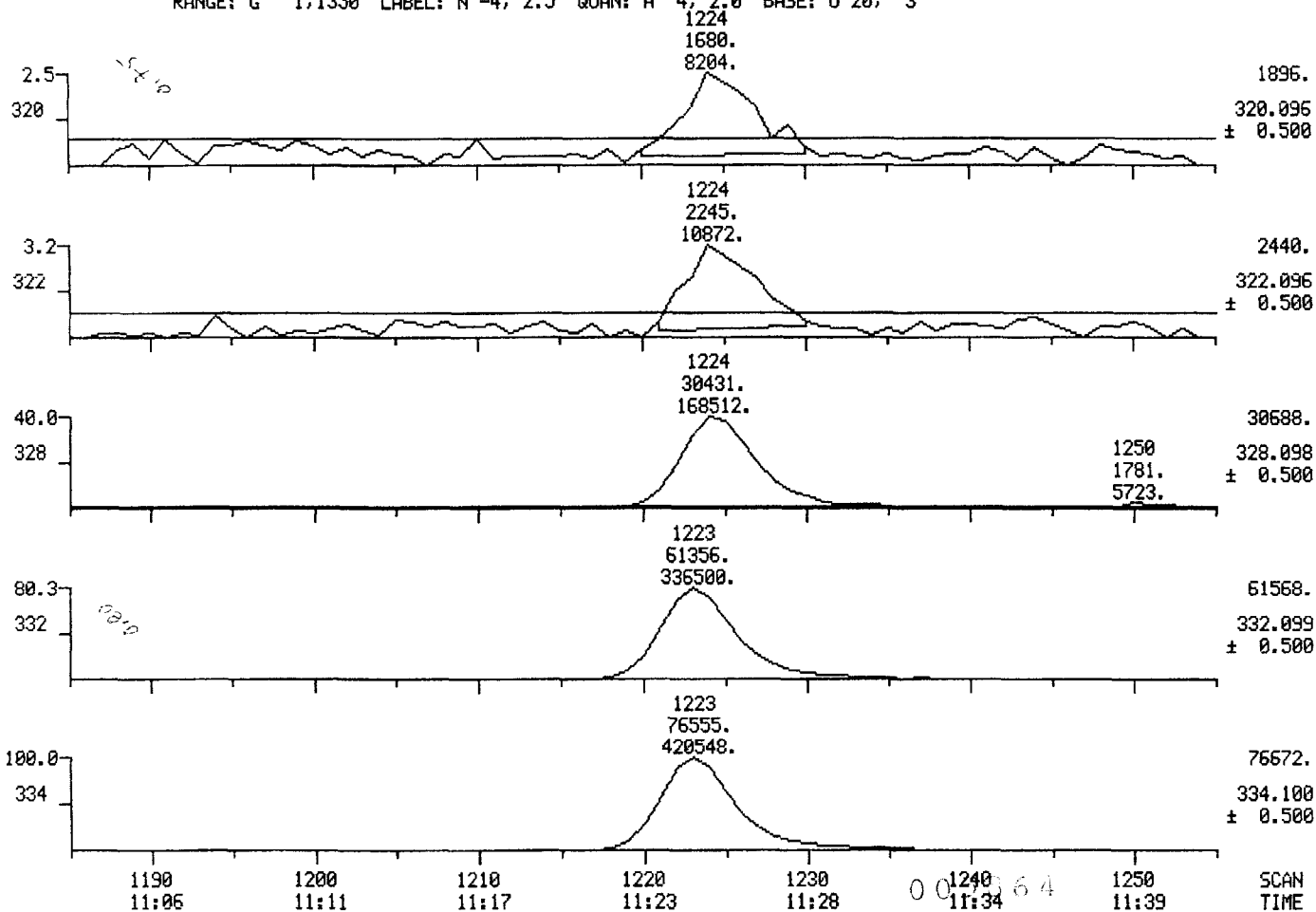
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RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2353 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 17:21:00

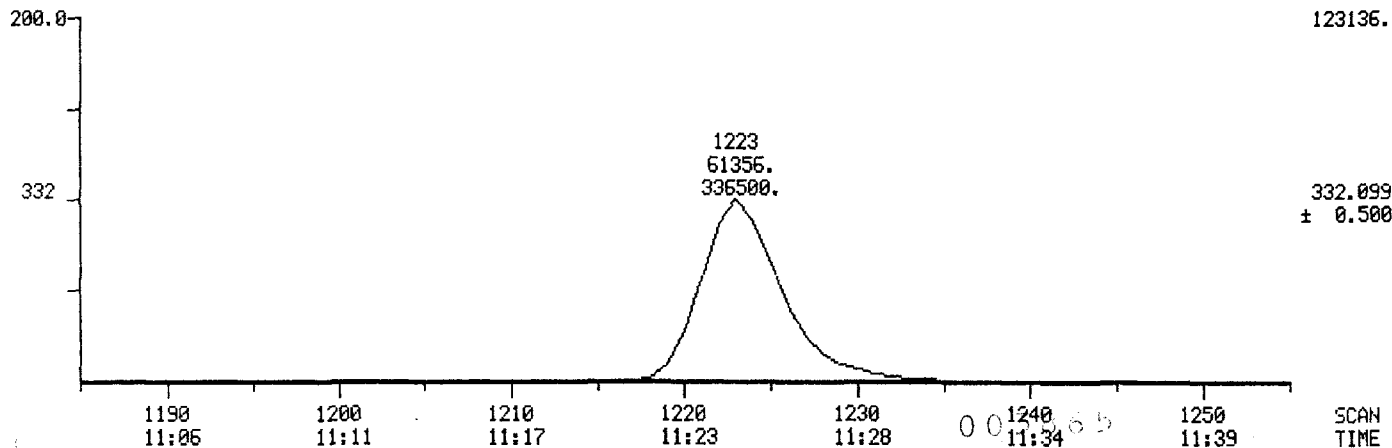
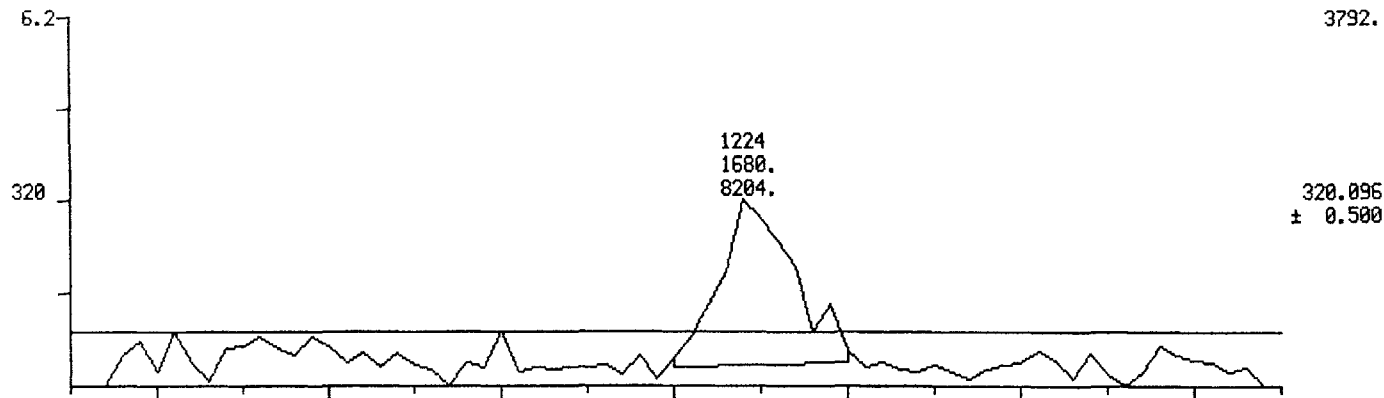
SAMPLE: 2UL OF 50UL CONC., BF003825 (10.04G), IFB

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2363 #1350

CALI: F5940920 #10

SCANS 1185 TO 1255



MID MASS CHROMATOGRAMS

09/20/84 17:49:00

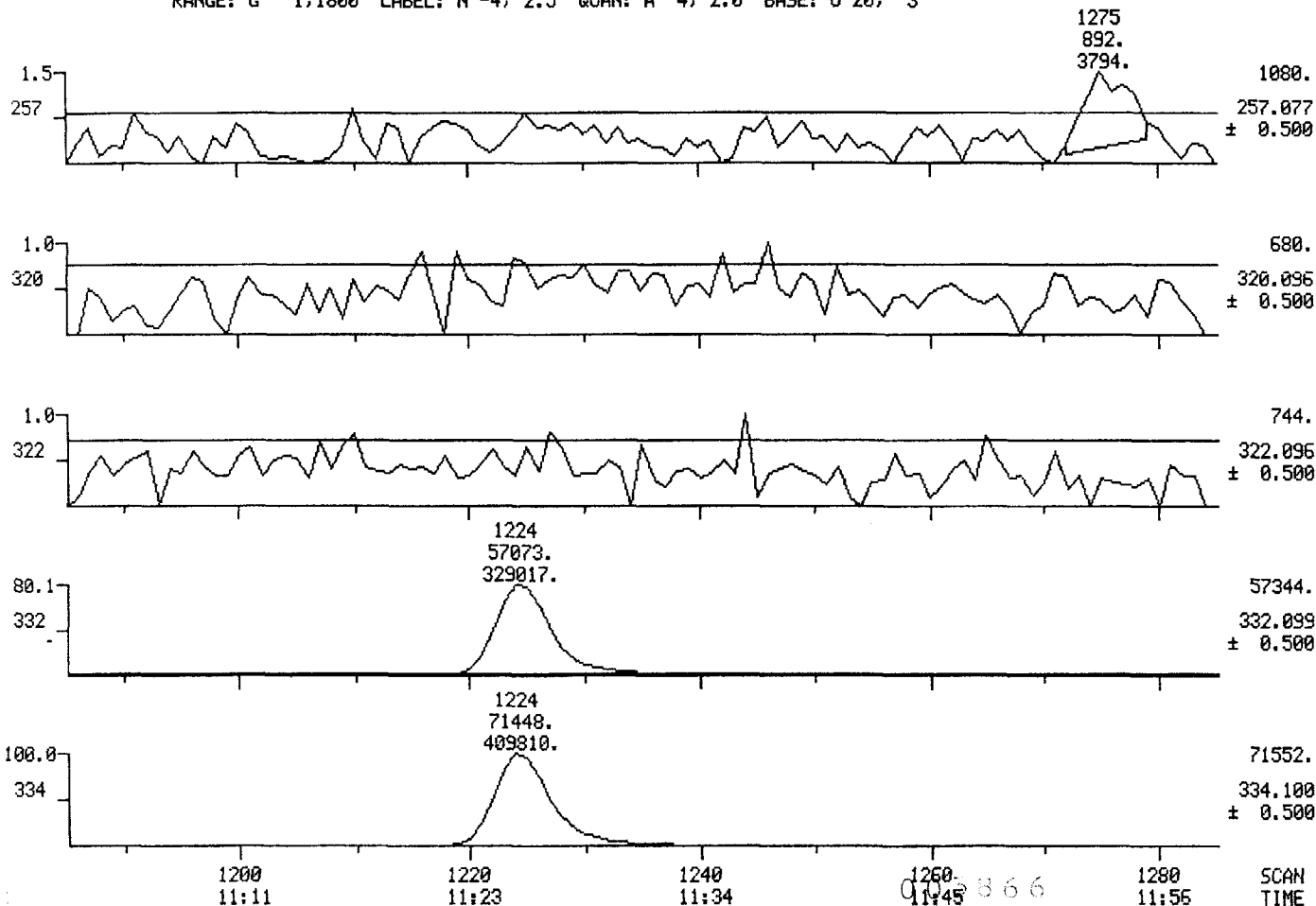
SAMPLE: 2UL OF 50UL CONC., DF003824 (10.02G), IFB

RANGE: G 1.1800 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2364 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



MID MASS CHROMATOGRAMS

09/20/84 17:49:00

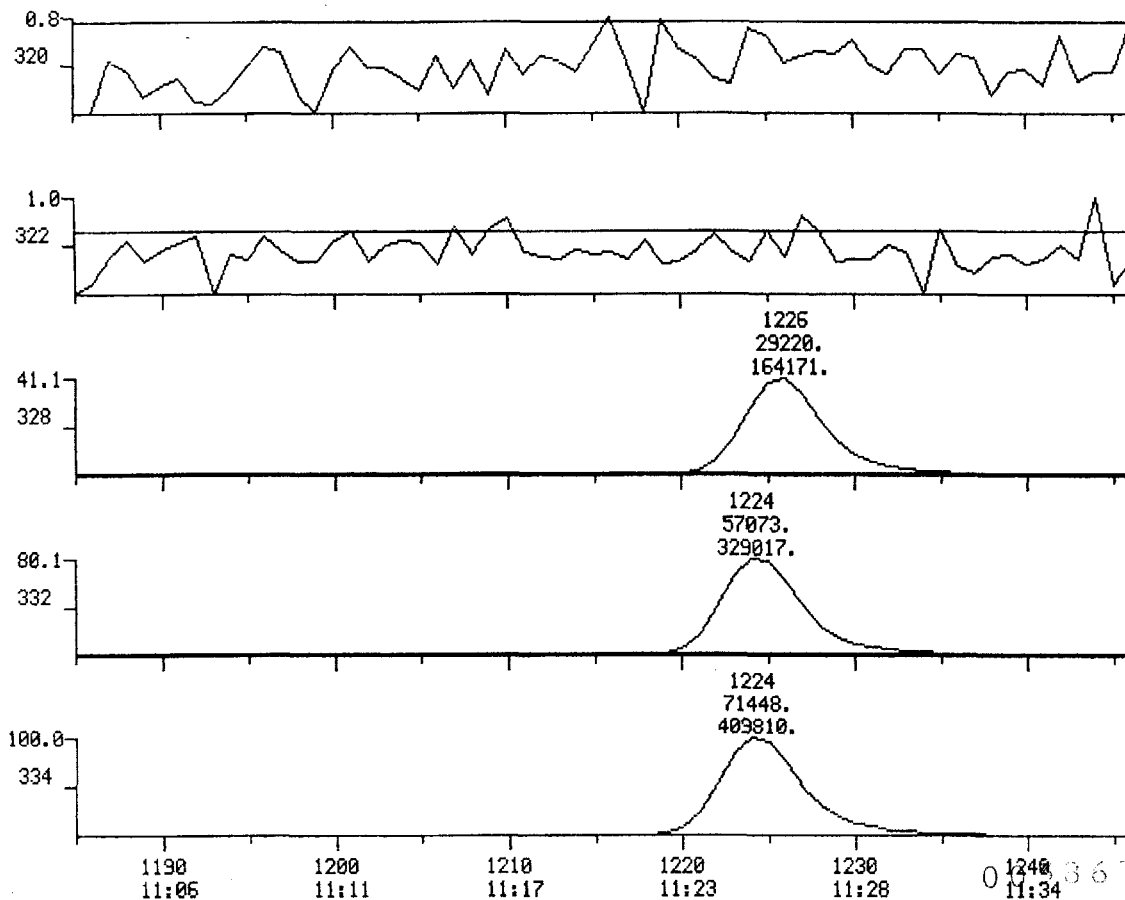
SAMPLE: 2UL OF 50UL CONC., DF003824 (10.02G), IFB

RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2364 #1350

CALI: F5840920 #10

50



MID MASS CHROMATOGRAMS

09/20/84 17:49:00

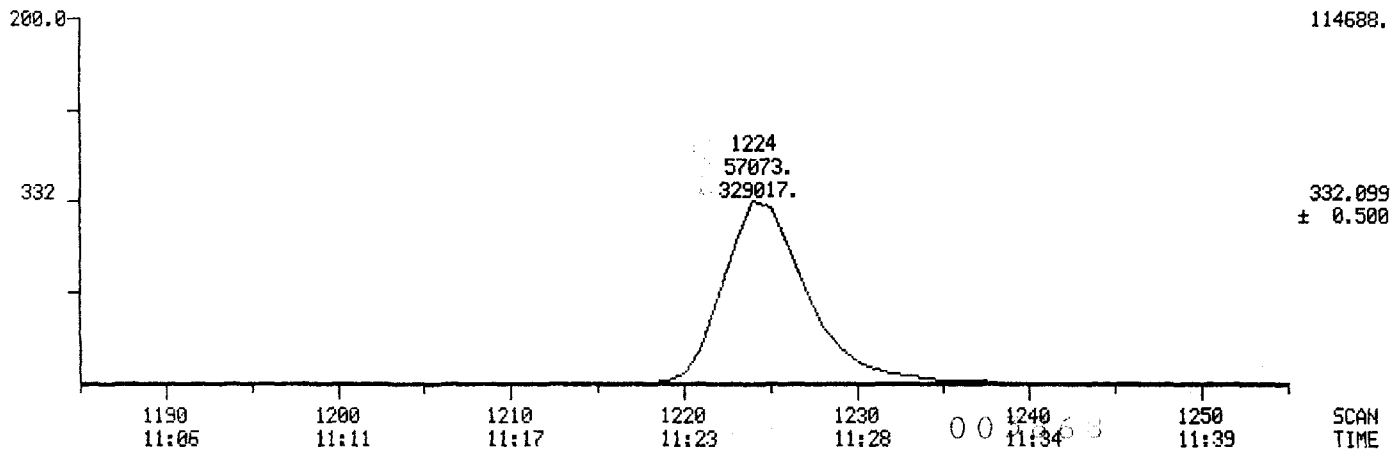
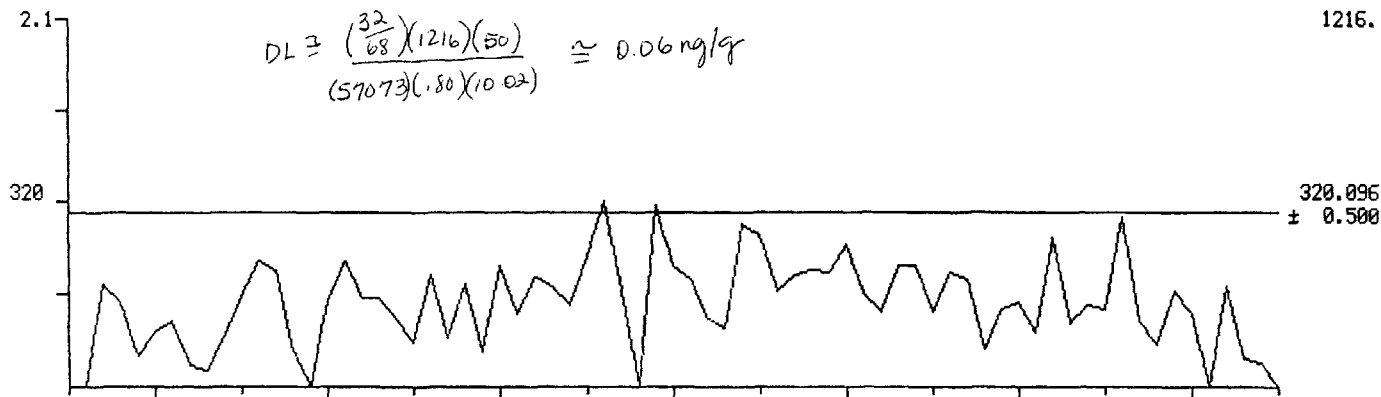
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RANGE: G 1.1350 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2364 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



Printed

MID MASS CHROMATOGRAMS

09/20/84 13:05:00

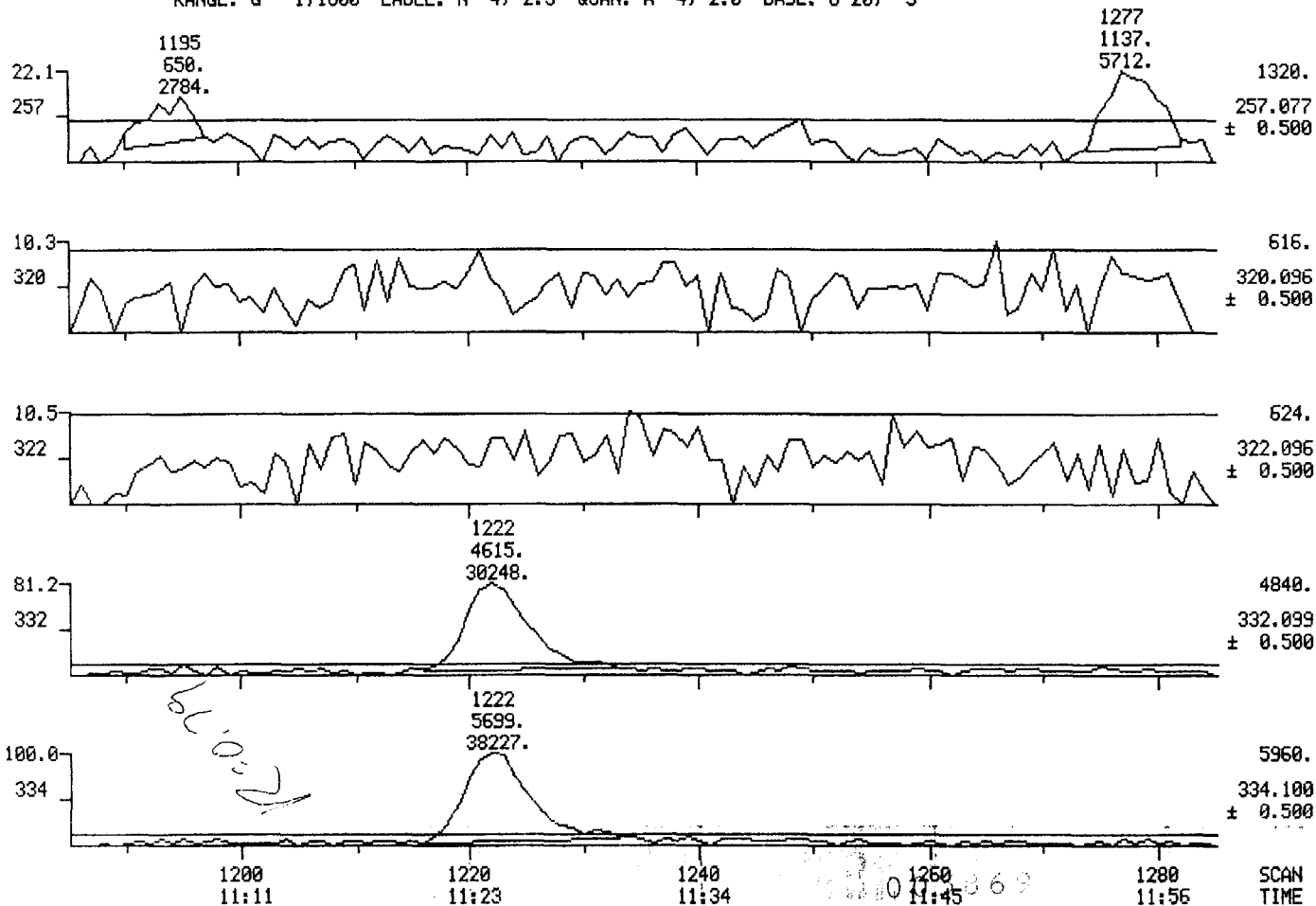
SAMPLE: 2UL OF 50UL (10.06G) DF003818, IFB

RANGE: G 1,1800 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2358 #1350

CALI: F5840920 #10

SCANS 1185 TO 1285



11/27/84

MID MASS CHROMATOGRAMS

09/20/84 13:05:00

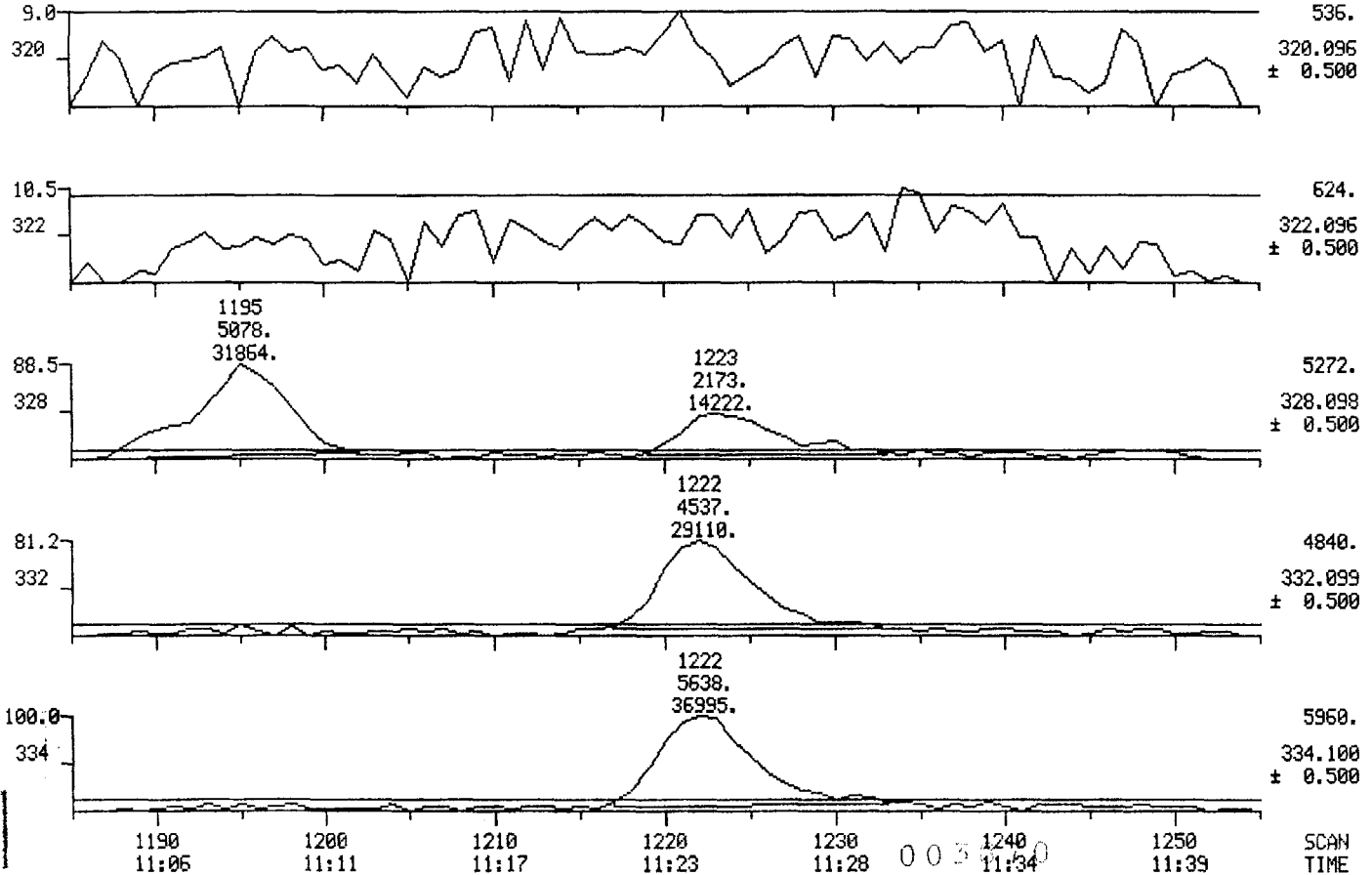
SAMPLE: 2UL OF 50UL (10.06G) DF003818, IFB

RANGE: G 1,1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2358 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255



1077
1077
1077

MID MASS CHROMATOGRAMS

09/20/84 13:05:00

SAMPLE: 2UL OF 50UL (10.06G) DF003818, IFB

RANGE: G 1.1350 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 3

DATA: T2358 #1350

CALI: F5840920 #10

SCANS 1185 TO 1255

