

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 10/10/2001 Time: 14:33:15

Sample: AD22698
Analysis: SED508 Organochlorine Pesticides
Units: ug
Started: 9/24/01 13:49 Ended: 10/2/01 13:49 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	Limit
1	Endrin		18 ✓		0.1
2	Endrin aldehyde				0.1
3	Endrin ketone				0.1
4	DDT				0.1
5	DDD				0.1
6	DDE				0.1

Signal #1 : C:\HPCHEM\1\DATA\508F\011002B\1002END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011002B\1002END.D\ECD2B.CH
 Acq On : 2 Oct 2001 5:18 pm Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 2 18:11 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
9) S 2,4-DDD SURROGAT	38.66	34.79f	3847352	5097920	1.655	0.910 #
Spiked Amount 0.200			Recovery	=	827.50%	455.00%
Target Compounds						
1) PROPACHLOR	0.00	15.72	0	3219	N.D.	0.003 #
4) ALDRIN	0.00	24.99f	0	842	N.D.	0.000 #
5) HEPTACHLOR EPOXI	33.08	29.73	4221	3996	0.001	0.000 #
6) DIELDRIN	36.49	33.75f	1563	1689	0.000	0.000 #
7) ENDRIN	38.66	34.79f	3847352	5097920	1.486	0.858 #
8) METHOXYCHLOR	50.24f	41.26f	1766992	8510	2.230	0.003 #

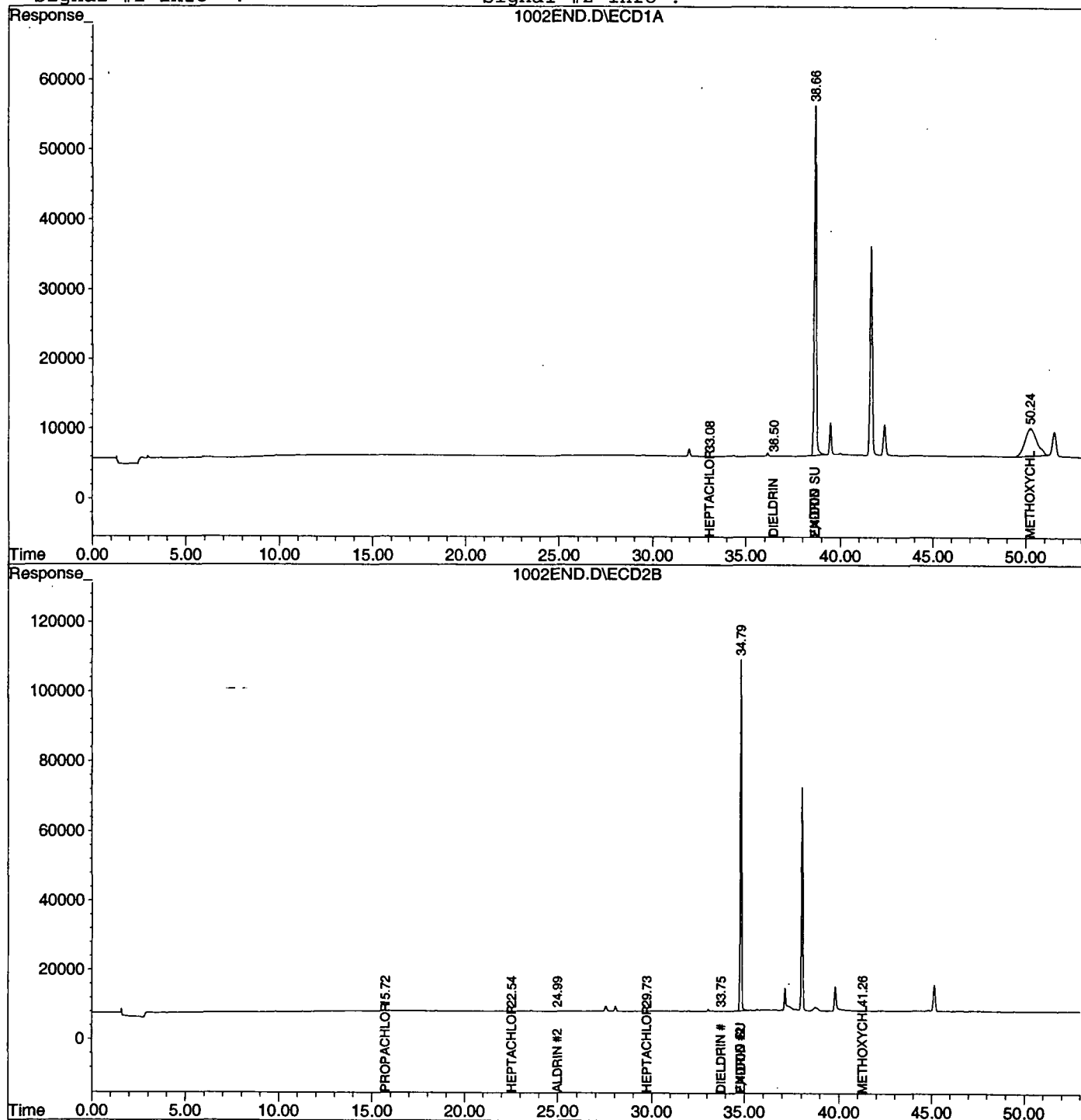
$$\% \text{ endrin decomp} = \frac{403798 + 452945}{() + 3847352} = \frac{856743}{4707095} = 18\%$$

Quantitation Report

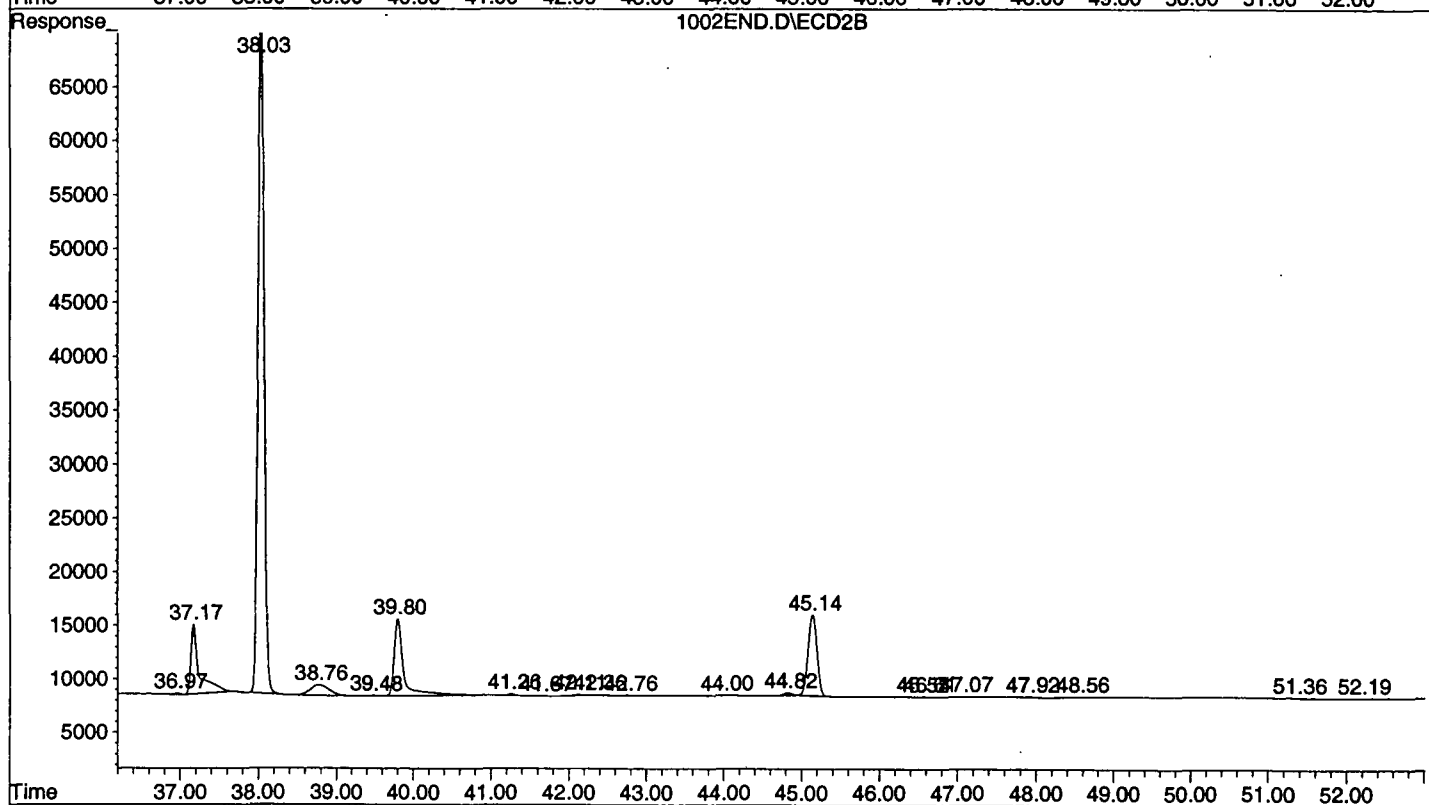
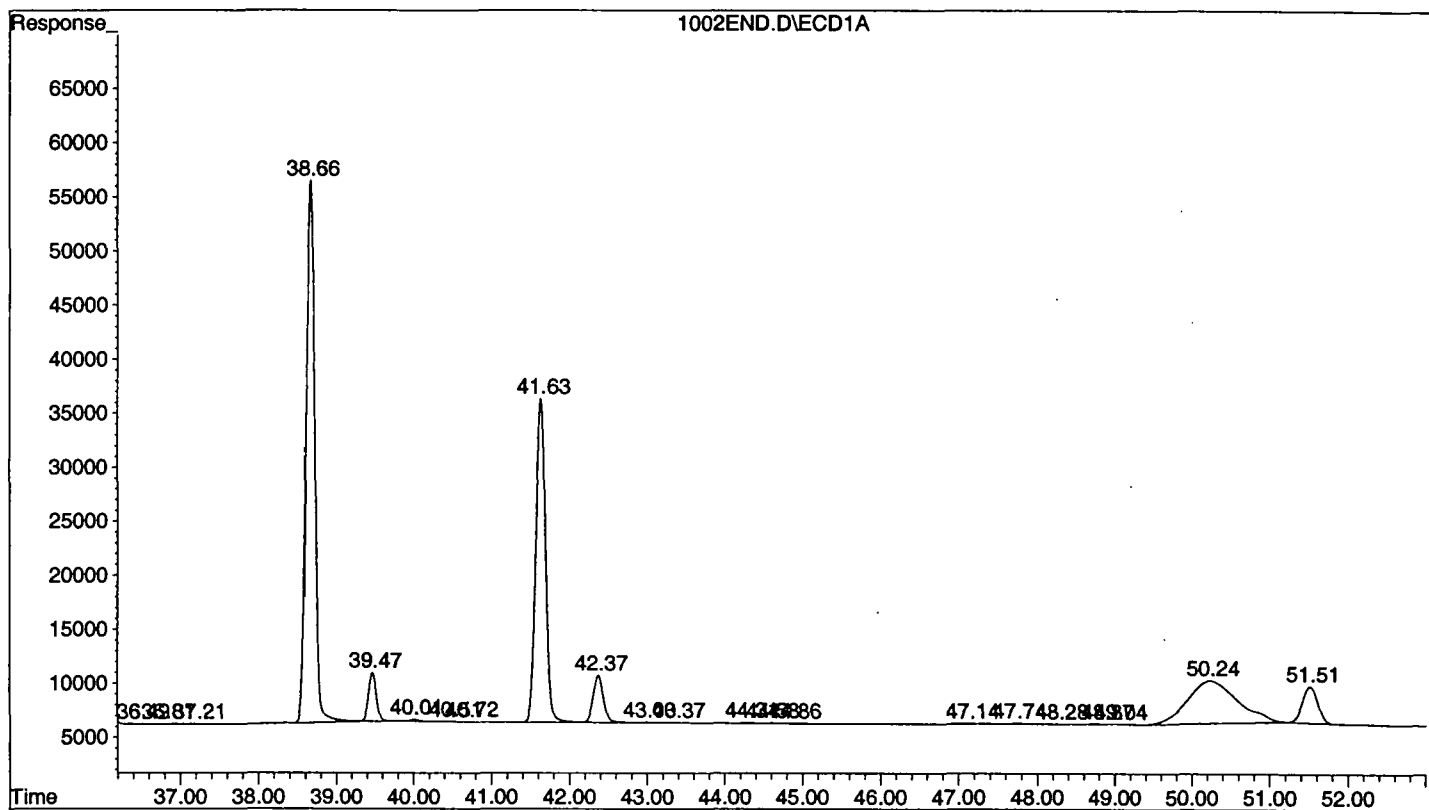
Signal #1 : C:\HPCHEM\1\DATA\508F\011002B\1002END.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\508F\011002B\1002END.D\ECD2B.CH
Acq On : 2 Oct 2001 5:18 pm Operator: Nefliu
Sample : endrin decomposition Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 2 18:11 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Tue Oct 31 13:22:28 2000
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File : C:\HPCHEM\1\DATA\508F\011002B\1002END.D
 Operator : Nefliu
 Acquired : 2 Oct 2001 5:18 pm using AcqMethod 508F.M
 Instrument : 104
 Sample Name: endrin decomposition
 Misc Info :
 Vial Number: 4



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011002B\1002END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011002B\1002END.D\ECD2B.CH
 Acq On : 2 Oct 2001 5:18 pm Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e

Method : C:\HPCHEM\1\METHODS\010930P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal : 1002END.D\ECD1A								
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.297	1.266	1.339	BV	550	9001	0.23%	0.089%
2	1.366	1.339	1.399	VV	266	4717	0.12%	0.047%
3	1.459	1.399	1.592	PB	55	3752	0.10%	0.037%
4	2.380	1.915	2.438	BV	80	12742	0.33%	0.126%
5	2.502	2.438	2.511	PV	554	13912	0.36%	0.138%
6	2.605	2.511	2.630	VV	832	53102	1.38%	0.526%
7	2.675	2.630	2.812	VV	832	83138	2.16%	0.824%
8	2.963	2.812	3.137	VV	942	133112	3.46%	1.319%
9	3.198	3.137	3.312	VV	578	55311	1.44%	0.548%
10	3.360	3.312	3.383	VV	468	19440	0.51%	0.193%
11	3.437	3.383	3.518	VV	493	37481	0.97%	0.371%
12	3.545	3.518	3.572	VV	404	12893	0.34%	0.128%
13	3.685	3.572	3.753	VV	440	43069	1.12%	0.427%
14	3.849	3.753	3.938	VV	302	31697	0.82%	0.314%
15	3.995	3.938	4.011	VB	234	10523	0.27%	0.104%
16	4.432	4.373	4.508	BB	37	1593	0.04%	0.016%
17	4.635	4.509	4.665	BB	12	1253	0.03%	0.012%
18	6.129	5.912	6.174	BB	11	768	0.02%	0.008%
19	7.458	7.376	7.504	BB	12	550	0.01%	0.005%
20	9.826	9.327	10.006	BB	117	8859	0.23%	0.088%
21	11.033	10.549	11.112	BB	31	1416	0.04%	0.014%
22	11.561	11.273	11.632	BB	19	1544	0.04%	0.015%
23	11.990	11.632	12.006	BB	3	655	0.02%	0.006%
24	12.457	12.389	12.576	BB	14	778	0.02%	0.008%
25	13.039	12.686	13.143	BB	6	621	0.02%	0.006%
26	14.088	13.917	14.235	BB	12	962	0.03%	0.010%
27	18.512	18.189	18.609	BB	19	1346	0.03%	0.013%
28	20.120	19.926	20.221	BB	25	1557	0.04%	0.015%
29	23.546	23.380	23.681	BB	26	1932	0.05%	0.019%
30	25.438	25.103	25.598	BB	51	3804	0.10%	0.038%
31	26.147	25.598	26.210	BB	7	1424	0.04%	0.014%
32	27.363	26.993	27.483	BB	30	2528	0.07%	0.025%
33	29.465	29.295	29.729	BB	120	9120	0.24%	0.090%
34	31.969	31.730	32.159	BB	1043	68880	1.79%	0.683%
35	33.080	32.921	33.254	BB	74	4221	0.11%	0.042%
36	34.353	34.204	34.492	BB	122	8303	0.22%	0.082%
37	34.563	34.491	34.701	BB	29	1625	0.04%	0.016%
38	35.321	34.782	35.339	BB	4	1435	0.04%	0.014%
39	35.523	35.339	35.632	BB	28	1967	0.05%	0.019%
40	36.156	36.023	36.302	BB	468	25349	0.66%	0.251%
41	36.490	36.357	36.671	BB	20	1563	0.04%	0.015%
42	36.813	36.669	36.914	BB	17	776	0.02%	0.008%
43	37.211	36.936	37.508	BB	26	4570	0.12%	0.045%
44	38.661	38.445	39.299	BB	50145	3847352	100.00%	38.129%
45	39.473	39.296	39.772	BB	4496	314736	8.18%	3.119%
46	40.006	39.831	40.404	BB	155	12512	0.33%	0.124%
47	40.506	40.427	40.639	BB	15	855	0.02%	0.008%
48	40.716	40.638	40.901	BB	11	535	0.01%	0.005%
49	41.632	41.256	42.153	BB	29954	2585194	67.19%	25.620%
50	42.374	42.152	42.860	BB	4370	403798	10.50%	4.002%

51	42.997	42.859	43.115	BB	31	2391	0.06%	0.024%
52	43.370	43.165	43.407	BB	6	596	0.02%	0.006%
53	44.314	44.084	44.476	BB	52	4576	0.12%	0.045%
54	44.584	44.479	44.770	BB	22	1861	0.05%	0.018%
55	44.864	44.769	45.087	BB	10	1111	0.03%	0.011%
56	47.143	46.811	47.235	BB	11	1205	0.03%	0.012%
57	47.737	47.429	47.975	BB	60	6688	0.17%	0.066%
58	48.277	48.159	48.374	BB	8	617	0.02%	0.006%
59	48.870	48.520	48.962	BB	13	2316	0.06%	0.023%
60	49.040	49.010	49.304	BB	5	853	0.02%	0.008%
61	50.241	49.305	51.221	BB	3942	1766992	45.93%	17.512%
62	51.514	51.220	52.047	BB	3371	452945	11.77%	4.489%

Sum of corrected areas: 10090422

Signal #2 1002END.D\ECD2B

1	2.972	2.757	3.051	PV	623	81737	1.60%	0.749%
2	3.083	3.051	3.112	VB	129	4768	0.09%	0.044%
3	3.361	3.309	3.404	BV	38	1102	0.02%	0.010%
4	3.944	3.404	4.021	PB	203	35238	0.69%	0.323%
5	4.240	4.022	4.375	BB	108	18952	0.37%	0.174%
6	4.676	4.593	4.746	BB	50	1483	0.03%	0.014%
7	6.005	5.915	6.068	BB	19	802	0.02%	0.007%
8	6.295	6.243	6.345	BB	17	528	0.01%	0.005%
9	9.803	9.616	9.990	BB	135	9495	0.19%	0.087%
10	10.711	10.259	10.827	BB	86	4006	0.08%	0.037%
11	11.143	10.841	11.164	BB	3	901	0.02%	0.008%
12	12.074	11.782	12.119	BB	7	579	0.01%	0.005%
13	12.256	12.119	12.333	BB	15	1055	0.02%	0.010%
14	12.464	12.333	12.494	BB	9	858	0.02%	0.008%
15	12.662	12.494	12.748	BB	47	2271	0.04%	0.021%
16	12.874	12.759	12.956	BB	21	1326	0.03%	0.012%
17	13.781	13.616	13.853	BB	12	594	0.01%	0.005%
18	14.685	14.468	14.793	BB	16	1187	0.02%	0.011%
19	15.724	15.595	15.835	BB	54	3219	0.06%	0.029%
20	17.283	17.187	17.362	BB	22	1073	0.02%	0.010%
21	18.831	18.682	18.932	BB	31	1603	0.03%	0.015%
22	22.540	22.342	22.662	BB	31	1916	0.04%	0.018%
23	23.589	23.386	23.753	BB	184	12400	0.24%	0.114%
24	24.991	24.880	25.070	BB	14	842	0.02%	0.008%
25	27.201	26.681	27.218	BB	5	622	0.01%	0.006%
26	27.541	27.218	27.811	BB	1459	101686	1.99%	0.932%
27	28.050	27.867	28.291	BB	1429	83551	1.64%	0.765%
28	29.729	29.599	29.822	BB	82	3996	0.08%	0.037%
29	30.938	30.807	31.022	BB	24	1501	0.03%	0.014%
30	31.192	31.024	31.240	BB	12	1622	0.03%	0.015%
31	31.361	31.242	31.464	BB	68	3514	0.07%	0.032%
32	32.038	31.960	32.123	BB	29	1268	0.02%	0.012%
33	33.061	32.900	33.218	BB	568	26153	0.51%	0.240%
34	33.754	33.613	33.865	BB	31	1689	0.03%	0.015%
35	34.795	34.604	35.267	BB	100849	5097920	100.00%	46.705%
36	35.347	35.266	35.482	BB	60	2913	0.06%	0.027%
37	35.674	35.528	35.804	BB	325	16328	0.32%	0.150%
38	36.059	35.806	36.081	BB	13	3781	0.07%	0.035%
39	36.969	36.842	37.049	BB	116	4987	0.10%	0.046%
40	37.167	37.048	37.660	BB	6474	491366	9.64%	4.502%
41	38.032	37.827	38.433	BB	64032	3453647	67.75%	31.641%
42	38.765	38.434	39.154	BB	969	166105	3.26%	1.522%
43	39.481	39.152	39.610	BB	24	2027	0.04%	0.019%
44	39.797	39.608	40.861	BB	7131	609340	11.95%	5.583%
45	41.264	41.056	41.484	BB	152	8510	0.17%	0.078%
46	41.674	41.557	41.837	BB	18	1551	0.03%	0.014%
47	42.107	41.980	42.230	BB	109	7303	0.14%	0.067%
48	42.362	42.230	42.653	BB	71	5582	0.11%	0.051%

end Ketone

49	42.763	42.653	42.890	BB	20	1263	0.02%	0.012%
50	44.001	43.889	44.078	BB	9	543	0.01%	0.005%
51	44.822	44.579	44.943	BB	224	14674	0.29%	0.134%
52	45.138	44.941	45.469	BB	7511	600185	11.77%	5.499%
53	46.525	46.266	46.572	BB	6	546	0.01%	0.005%
54	46.610	46.572	46.842	BB	4	775	0.02%	0.007%
55	47.070	46.845	47.239	BB	9	1071	0.02%	0.010%
56	47.921	47.758	48.159	BB	36	3137	0.06%	0.029%
57	48.562	48.159	48.626	BB	12	2392	0.05%	0.022%
58	51.363	51.332	51.765	BB	6	1526	0.03%	0.014%
59	52.189	51.766	52.395	BB	22	4167	0.08%	0.038%

Sum of corrected areas: 10915175

1002END.D 010930P.M Thu Oct 04 11:51:51 2001