

User: Nefliu, Marcela
 Westchester Dept. of Labs & Research
 Date: 09/27/2001 Time: 11:11:56

Sample: AD22542
 Analysis: SED508 Organochlorine Pesticides
 Units: ug
 Started: 9/17/01 11:07 Ended: 9/24/01 11:07 Analyst: MN
 Page: 1

almost 20% DW

	Component Name	Viol	Result	Qualifier	MDL
1	Endrin		20.6 DW		0.1
2	Endrin aldehyde				0.1
3	Endrin ketone				0.1
4	DDT				0.1
5	DDD				0.1
6	DDE				0.1

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\0923END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\0923END.D\ECD2B.CH
 Acq On : 23 Sep 2001 10:28 am Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 27 9:43 2001 Quant Results File: 010923P.RES

Quant Method : C:\HPCHEM\1\METHODS\010923P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 08:05:39 2001
 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
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System Monitoring Compounds

Target Compounds

6)	4,4'-DDE	36.28	0.00	27694	0	0.004	N.D.	#
8)	ENDRIN	38.83	0.00	3066083	0	0.760	N.D.	d#

$$\% \text{ endrin breakdown} = \frac{348164 + 420216}{() + 3066083} = \frac{768381}{3864464} = 21\%$$

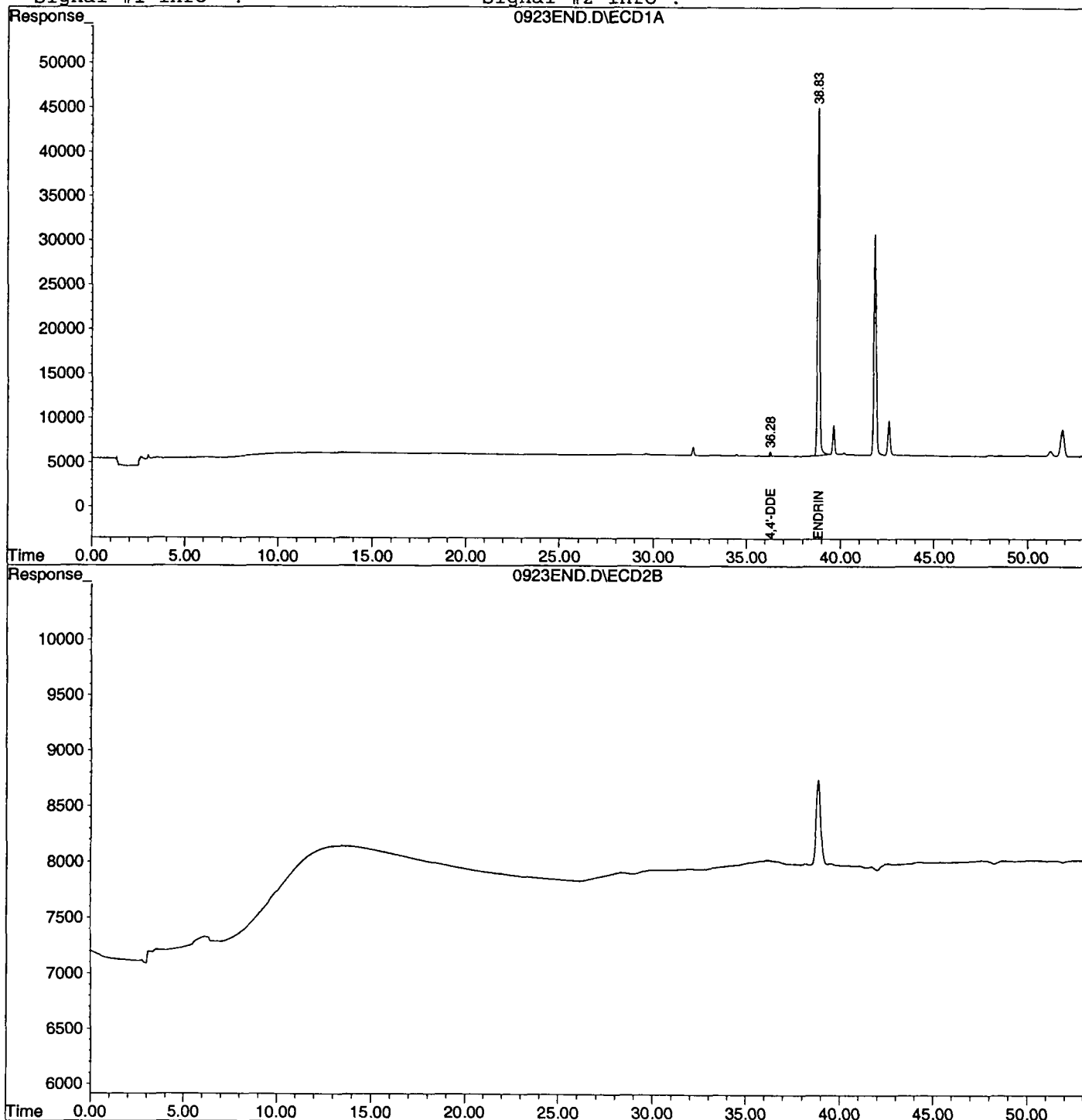
20.6

Quantitation Report

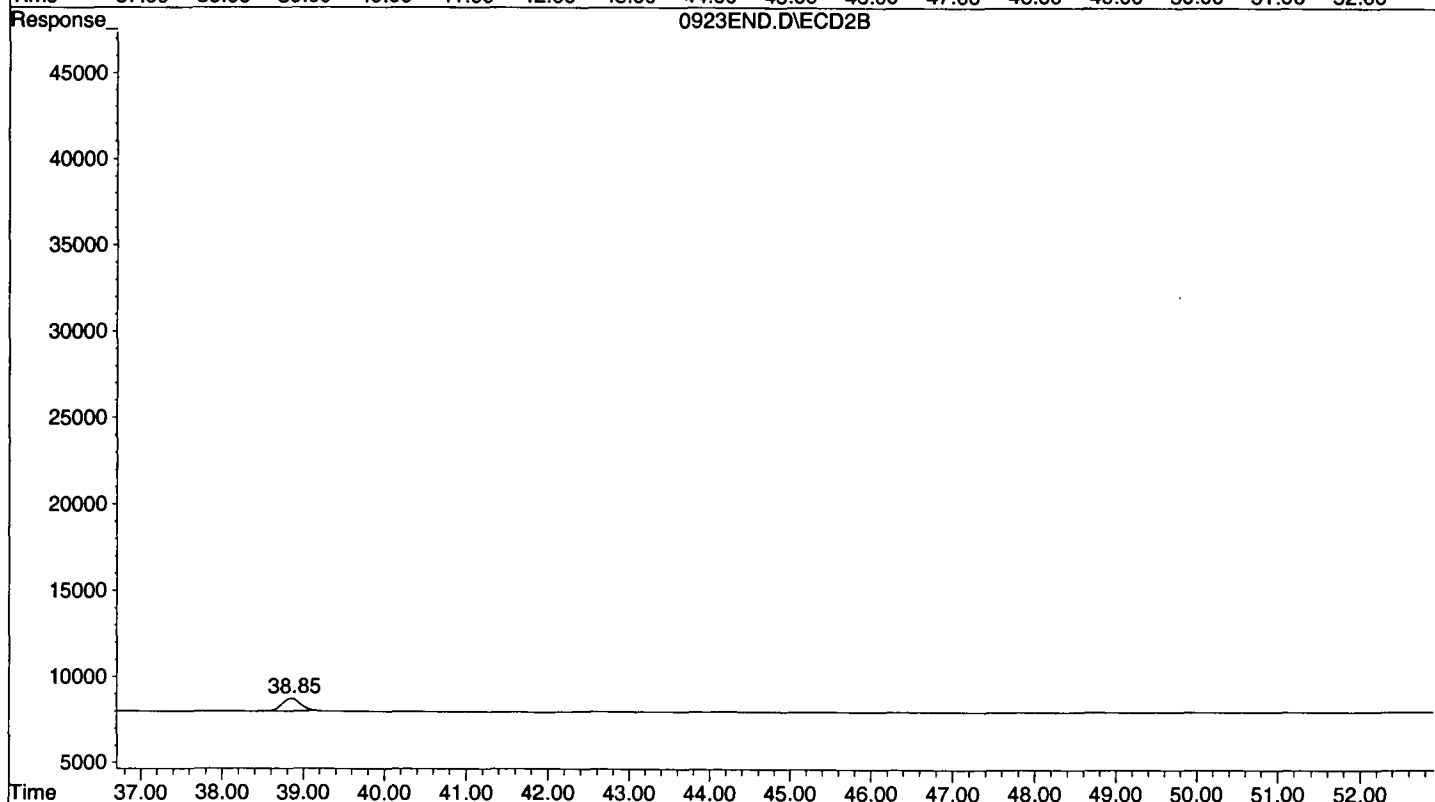
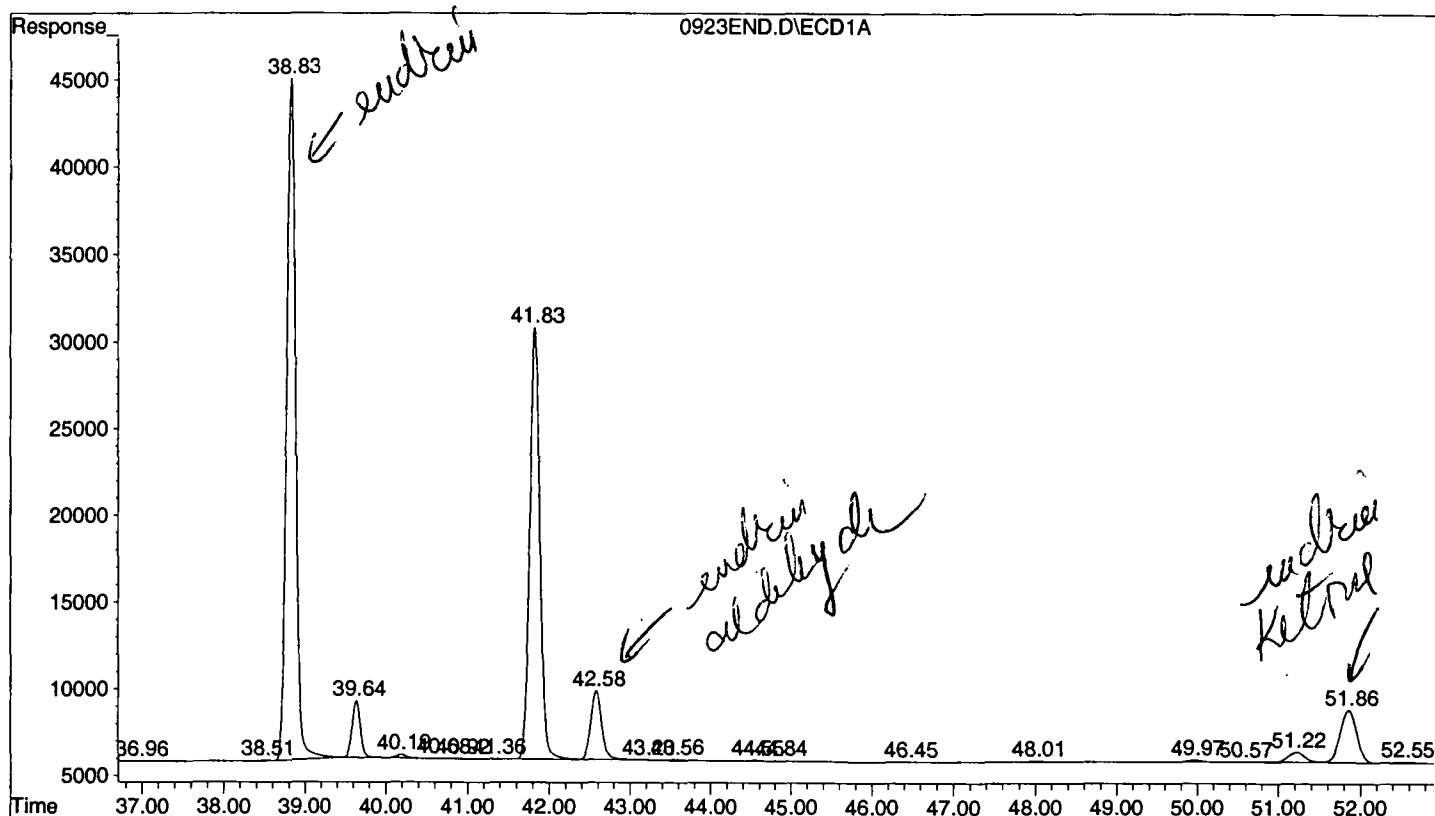
Signal #1 : C:\HPCHEM\1\DATA\508F\010923\0923END.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\0923END.D\ECD2B.CH
Acq On : 23 Sep 2001 10:28 am Operator: Nefliu
Sample : endrin decomposition Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 27 9:43 2001 Quant Results File: 010923P.RES

Quant Method : C:\HPCHEM\1\METHODS\010923P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 21 08:05:39 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

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



File : C:\HPCHEM\1\DATA\508F\010923\0923END.D
 Operator : Nefliu
 Acquired : 23 Sep 2001 10:28 am 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\010923\0923END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\0923END.D\ECD2B.CH
 Acq On : 23 Sep 2001 10:28 am 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\010923P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal : 0923END.D\ECD1A								
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.310	1.280	1.361	BV	454	8224	0.27%	0.120%
2	1.378	1.361	1.410	VV	215	3222	0.11%	0.047%
3	1.477	1.410	1.767	PB	87	8679	0.28%	0.126%
4	2.513	2.396	2.532	BV	652	16259	0.53%	0.236%
5	2.598	2.532	2.825	VV	917	126353	4.12%	1.836%
6	2.984	2.825	3.179	VV	916	118058	3.85%	1.716%
7	3.225	3.179	3.351	VV	433	38105	1.24%	0.554%
8	3.394	3.351	3.411	VV	319	11101	0.36%	0.161%
9	3.460	3.411	3.549	VV	368	25879	0.84%	0.376%
10	3.563	3.549	3.624	VV	239	9805	0.32%	0.142%
11	3.714	3.624	3.779	VV	163	13880	0.45%	0.202%
12	3.874	3.779	3.925	VB	33	2694	0.09%	0.039%
13	4.469	4.378	4.545	BB	24	1079	0.04%	0.016%
14	4.801	4.545	4.821	BB	5	1875	0.06%	0.027%
15	5.919	5.567	5.948	BB	5	672	0.02%	0.010%
16	6.189	5.979	6.236	BB	19	901	0.03%	0.013%
17	6.440	6.374	6.525	BB	20	789	0.03%	0.011%
18	9.918	9.405	10.059	BB	42	3558	0.12%	0.052%
19	11.124	10.649	11.193	BB	25	1159	0.04%	0.017%
20	27.724	27.165	27.766	BB	4	921	0.03%	0.013%
21	29.604	29.445	29.782	BB	109	8098	0.26%	0.118%
22	32.112	31.942	32.351	BB	935	62168	2.03%	0.903%
23	33.210	33.052	33.375	BB	64	3720	0.12%	0.054%
24	34.483	34.349	34.604	BB	182	10589	0.35%	0.154%
25	34.697	34.605	34.748	BB	15	760	0.02%	0.011%
26	35.649	35.390	35.750	BB	22	1557	0.05%	0.023%
27	36.283	36.022	36.520	BB	493	27694	0.90%	0.402%
28	36.617	36.537	36.812	BB	17	1063	0.03%	0.015%
29	36.961	36.862	37.071	BB	14	921	0.03%	0.013%
30	38.511	38.143	38.601	BB	25	1234	0.04%	0.018%
31	38.827	38.602	39.451	BB	39143	3066083	100.00%	44.555%
32	39.639	39.451	39.996	BB	3269	233445	7.61%	3.392%
33	40.188	39.997	40.440	BB	187	14219	0.46%	0.207%
34	40.679	40.489	40.789	BB	14	849	0.03%	0.012%
35	40.915	40.790	41.124	BB	10	957	0.03%	0.014%
36	41.356	41.207	41.474	BB	6	504	0.02%	0.007%
37	41.825	41.494	42.359	BB	24870	2138398	69.74%	31.074%
38	42.580	42.360	43.122	BB	3938	378165	12.33%	5.495%
39	43.197	43.121	43.385	BB	11	805	0.03%	0.012%
40	43.556	43.382	43.939	BB	52	6341	0.21%	0.092%
41	44.555	44.306	44.711	BB	56	4943	0.16%	0.072%
42	44.840	44.713	45.053	BB	30	2693	0.09%	0.039%
43	46.451	46.210	46.540	BB	6	792	0.03%	0.012%
44	48.009	47.474	48.235	BB	52	6359	0.21%	0.092%
45	49.972	49.656	50.212	BB	107	12937	0.42%	0.188%
46	50.569	50.213	50.723	BB	10	1226	0.04%	0.018%
47	51.218	50.725	51.521	BB	556	75656	2.47%	1.099%
48	51.860	51.521	52.246	BB	3008	420216	13.71%	6.106%
49	52.552	52.245	52.886	BB	44	5924	0.19%	0.086%

Sum of corrected areas: 6881530

Signal# #2 0923END.D\ECD2B

1	3.127	2.984	3.159	BV	26	3356	2.85%	2.770%
2	38.851	38.471	39.193	BB	741	117783	100.00%	97.230%

Sum of corrected areas: 121139

0923END.D 010923P.M Thu Sep 27 09:44:25 2001