

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 09/26/2001 Time: 10:46:25

Sample: AD22358
Analysis: \$C1515 Chlorophenoxy Acid Herbicide Calibration
Units: ug
Started: 9/17/01 10:43 Ended: 9/25/01 10:43 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Dalapon		2.4		0.80
2	Dicamba		0.25		0.080
3	2,4-D		0.25		0.080
4	Pentachlorophenol		0.25		0.040
5	Silvex		0.25		0.080
6	2,4,5-T		0.20		0.10
7	Dinoseb		0.51		0.16
8	DCPA, di-acid		2.5		1.0
9	Picloram		0.50		0.08
10	Surr_2,4-DCAA				

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C2B.D\ECD1A.CH Vial: 8
 Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C2B.D\ECD2B.CH
 Acq On : 25 Sep 2001 9:23 am Operator: Nefliu
 Sample : ic2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 26 8:40 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Wed Sep 26 08:35:24 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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						
2) S DCAA SURROGATE	13.58	12.81	214690	233387	1.140	0.675 #
Spiked Amount	2.000		Recovery	=	57.00%	33.75%
Target Compounds						
1) DALAPON	4.90	4.82	1150111	1263915	2.475m	2.400 96% T.V.
3) DICAMBA	13.99	13.10	394274	458357	0.244	0.248 99% 0.5
4) 2,4-D	15.45	14.80	146792	169705	0.243	0.247 99% 0.25
5) PENTACHLOROPHENO	16.12	14.97	1492628	1874156	0.244	0.249 99% 0.25
6) SILVEX	16.39	15.79	615763	790930	0.245	0.254 102% 0.25
7) 2,4,5-T	17.12	16.44	491743	645115	0.197m	0.198m 99% 0.2
8) DINOSEB	17.27	17.86	742148	857248	0.484m	0.511 102% 0.5
9) DCPA, DI-ACID	19.57	18.50	3626026	4818418	2.422	2.477 99% 2.5
10) PICLORAM	21.02	19.60	1150303	1521671	0.472	0.504 100% 0.5

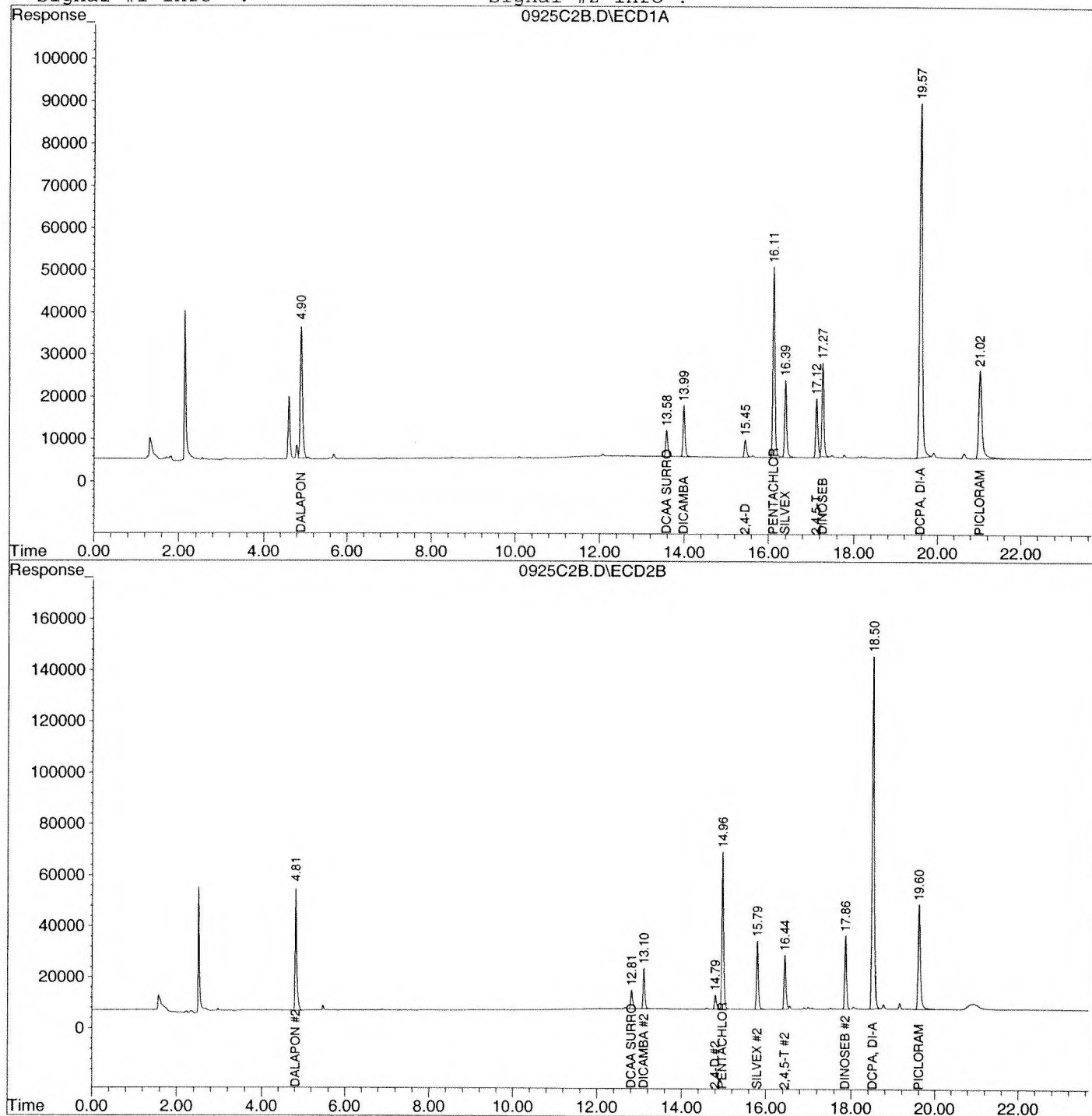
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 0925C2B.D 010925H.M Wed Sep 26 08:41:01 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C2B.D\ECD1A.CH Vial: 8
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C2B.D\ECD2B.CH
Acq On : 25 Sep 2001 9:23 am Operator: Nefliu
Sample : ic2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:40 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C1.D\ECD1A.CH Vial: 6
 Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C1.D\ECD2B.CH
 Acq On : 25 Sep 2001 8:52 am Operator: Nefliu
 Sample : ic1 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 26 8:39 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Wed Sep 26 08:35:24 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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

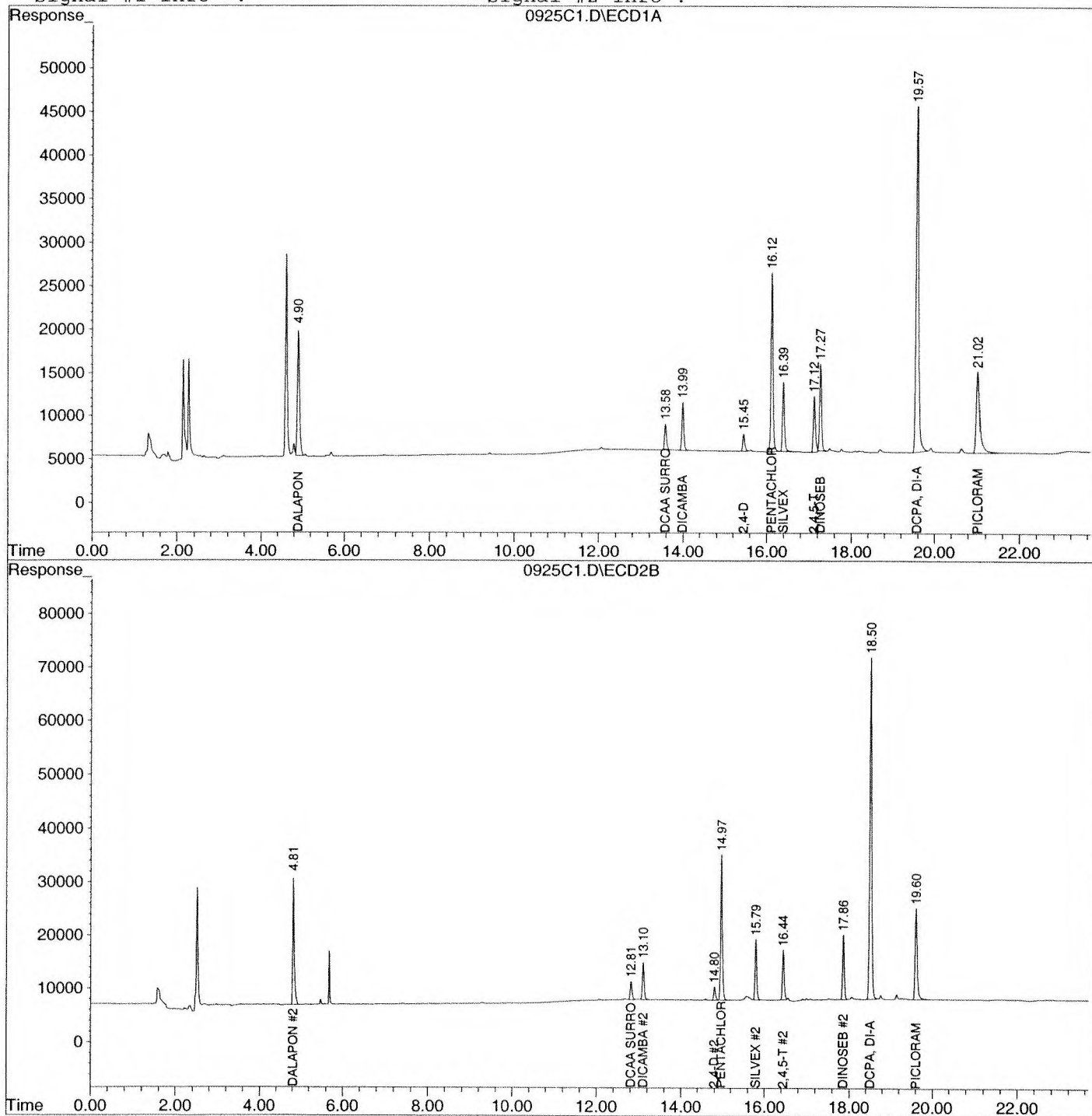
System Monitoring Compounds						
2) S DCAA SURROGATE	13.58	12.81	102804	106626	0.546	0.308 #
Spiked Amount 2.000			Recovery	=	27.30%	15.40%
Target Compounds						
1) DALAPON	4.90	4.81	529199	621492	1.139m 114%	1.180m 118% <u>T-U</u>
3) DICAMBA	13.99	13.11	180672	201328	0.112 112%	0.109 109% 0.0
4) 2,4-D	15.45	14.80	68740	75537	0.114 114%	0.110 110% 0.1
5) PENTACHLOROPHENO	16.12	14.97	676487	812043	0.110 110%	0.108 108% 0.1
6) SILVEX	16.39	15.79	269022	316909	0.107 107%	0.102 102% 0.1
7) 2,4,5-T	17.12	16.44	216787	271105	0.087m 109%	0.083m 104% 0.08
8) DINOSEB	17.27	17.86	324379	334058	0.212m 106%	0.199 104% 0.2
9) DCPA, DI-ACID	19.58	18.50	1668735	2113864	1.115 116%	1.087 109% 1.0
10) PICLORAM	21.02	19.61	539265	605057	0.221 111%	0.200 100% 0.2

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C1.D\ECD1A.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C1.D\ECD2B.CH
Acq On : 25 Sep 2001 8:52 am Operator: Nefliu
Sample : ic1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:39 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C2.D\ECD1A.CH Vial: 10
 Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C2.D\ECD2B.CH
 Acq On : 25 Sep 2001 9:54 am Operator: Nefliu
 Sample : ic3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 26 8:40 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Wed Sep 26 08:35:24 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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		

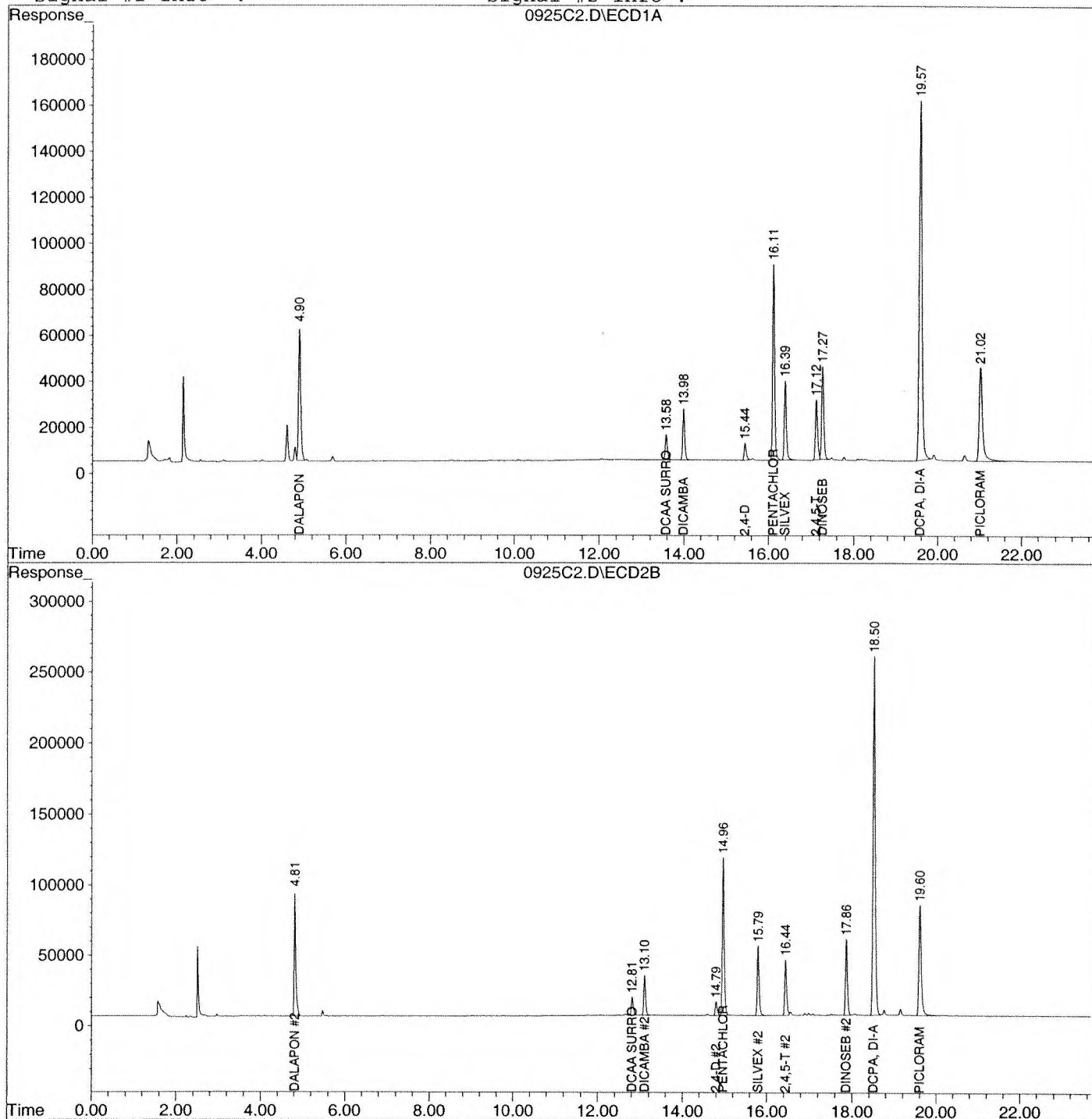
System Monitoring Compounds								
2) S DCAA SURROGATE	13.58	12.81	385704	417640	2.049	1.207	#	
Spiked Amount 2.000			Recovery	=	102.45%	60.35%		
Target Compounds								
1) DALAPON	4.90	4.81	2060404	2246740	4.433m	4.267	85%	5.0
3) DICAMBA	13.99	13.10	734301	846885	0.454	0.459	92%	0.5
4) 2,4-D	15.45	14.79	267475	311986	0.443	0.455	91%	0.5
5) PENTACHLOROPHENO	16.12	14.96	2825016	3495051	0.461	0.464	93%	0.5
6) SILVEX	16.39	15.79	1197388	1507594	0.476	0.484	97%	0.5
7) 2,4,5-T	17.12	16.44	921923	1210658	0.369m	0.372m	93%	0.4
8) DINOSEB	17.27	17.86	1425913	1651314	0.930m	0.984	98%	1.0
9) DCPA, DI-ACID	19.57	18.50	6860770	8969785	4.583	4.612	92%	5.0
10) PICLORAM	21.02	19.60	2321809	3031655	0.952	1.004	100%	1.0

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C2.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C2.D\ECD2B.CH
Acq On : 25 Sep 2001 9:54 am Operator: Nefliu
Sample : ic3 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:40 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C3.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C3.D\ECD2B.CH
Acq On : 25 Sep 2001 10:25 am Operator: Nefliu
Sample : ic4 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:41 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Initial Calibration
DataAcq Meth : 515AF.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

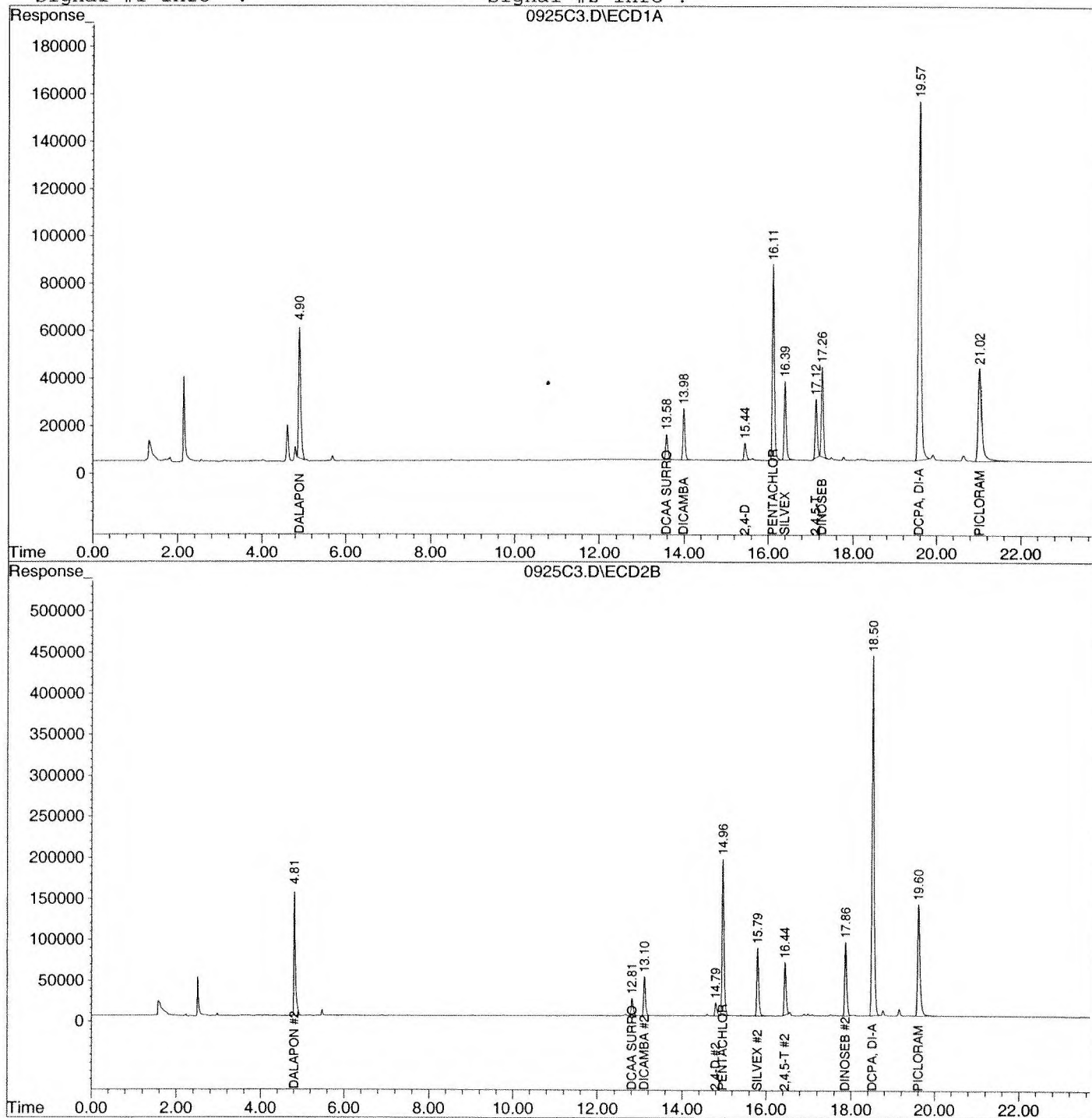
System Monitoring Compounds						
2) S DCAA SURROGATE	13.58	12.81	376571	691893	2.000	2.000
Spiked Amount	2.000		Recovery	=	100.00%	100.00%
Target Compounds						
1) DALAPON	4.90	4.81	1967298	3905771	4.233	7.417 #
3) DICAMBA	13.99	13.10	714545	1451980	0.442	0.786 #
4) 2,4-D	15.45	14.79	261142	517378	0.433	0.754 #
5) PENTACHLOROPHENO	16.11	14.96	2739298	6028093	0.447	0.800 #
6) SILVEX	16.39	15.79	1160502	2616016	0.461	0.840 #
7) 2,4,5-T	17.12	16.44	793603	1951685	0.318	0.600 #
8) DINOSEB	17.27	17.86	1267651	2909435	0.827	1.733 #
9) DCPA, DI-ACID	19.57	18.50	6643972	15717926	4.438	8.081 #
10) PICLORAM	21.02	19.60	2260762	5379810	0.927	1.782 #

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925C3.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925C3.D\ECD2B.CH
Acq On : 25 Sep 2001 10:25 am Operator: Nefliu
Sample : ic4 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:41 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925UR.D\ECD1A.CH Vial: 14
 Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925UR.D\ECD2B.CH
 Acq On : 25 Sep 2001 10:57 am Operator: Nefliu
 Sample : unextracted ref Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 26 8:47 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Wed Sep 26 08:35:24 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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

Target Compounds		RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l		
1)	DALAPON	4.90	4.84	1856558	1963518	3.995m	3.729	93%	7.0
3)	DICAMBA	13.99	13.10	550289	672884	0.340	0.364	91%	0.4
4)	2,4-D	15.45	14.79	271498	266717	0.450	0.389m	97%	0.4
5)	PENTACHLOROPHENO	16.12	14.96	1152232	1394953	0.188	0.185	93%	0.2
6)	SILVEX	16.39	15.79	813519	1132197	0.323m	0.363m	91%	0.4
7)	2,4,5-T	17.12	16.44	972824	1305196	0.390m	0.401	80%	0.5
8)	DINOSEB	17.26	17.86	968174	1177405	0.631m	0.701	88%	0.8
10)	PICLORAM	21.02	19.60	860827	1138161	0.353	0.377	94%	0.4

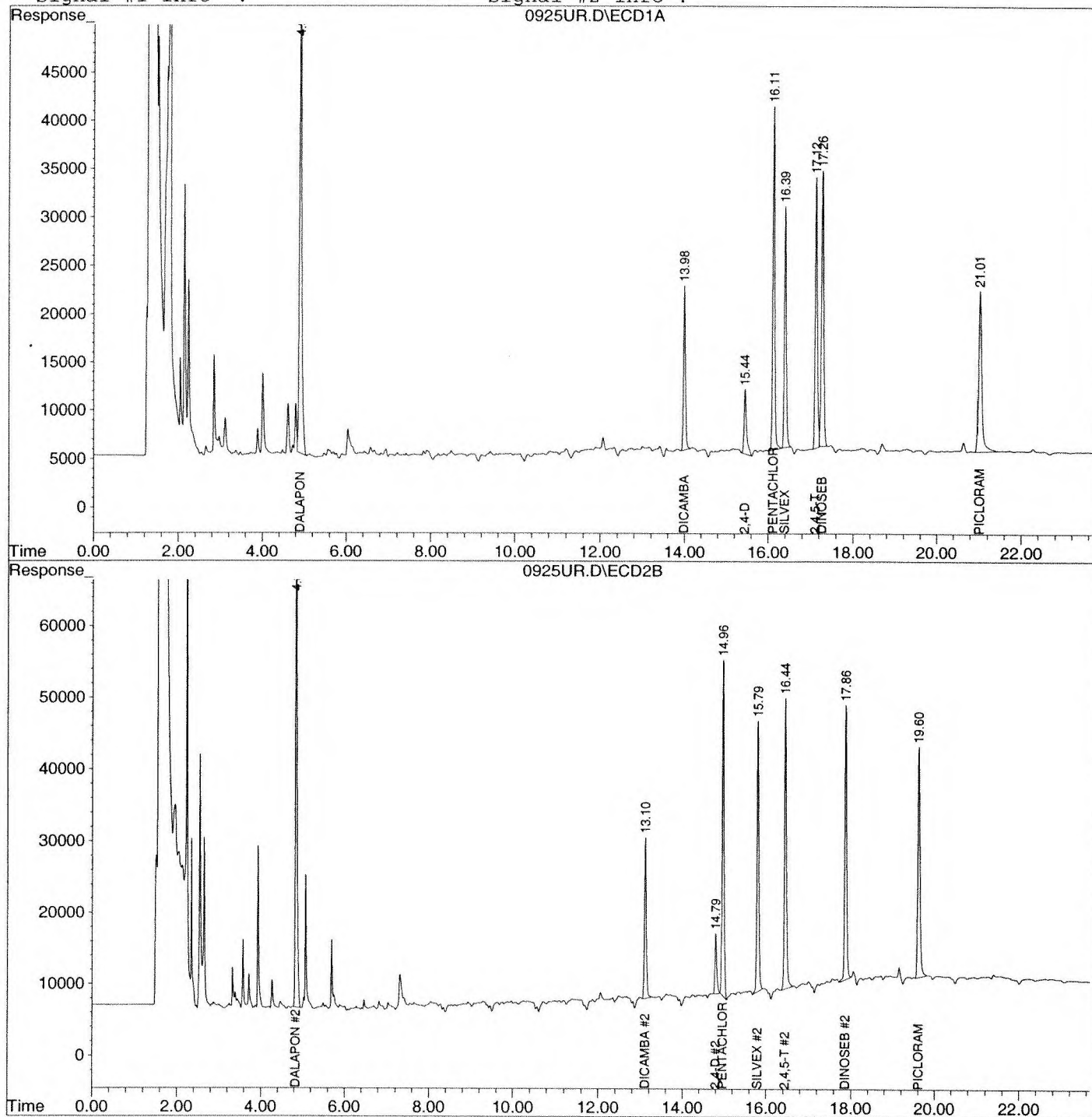
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 0925UR.D 010925H.M Wed Sep 26 08:47:38 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\0925UR.D\ECD1A.CH Vial: 14
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\0925UR.D\ECD2B.CH
Acq On : 25 Sep 2001 10:57 am Operator: Nefliu
Sample : unextracted ref Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:47 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Response Factor Report 104

Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Wed Sep 26 08:34:35 2001

Calibration Files

1 =0915C1B.D 2 =0925C1.D 3 =0925C2B.D
 4 =0925C2.D 5 =0925C3.D

	Compound	1	2	3	4	5	Avg	%RSD
1)	DALAPON		5.268	4.568	4.107		4.648 E5	12.57
2) s	DCAA SURROGATE					1.883	1.883 E5	0.00
3)	DICAMBA		1.807	1.577	1.469		1.617 E6	10.67
4)	2,4-D		6.874	5.872	5.350		6.032 E5	12.84
5)	PENTACHLOROPHENOL		6.765	5.971	5.650		6.128 E6	9.37
6)	SILVEX		2.690	2.463	2.395		2.516 E6	6.15
7)	2,4,5-T		2.705	2.452	2.330		2.496 E6	7.67
8)	DINOSEB		1.648	1.522	1.431		1.534 E6	7.12
9)	DCPA, DI-ACID		1.669	1.450	1.372		1.497 E6	10.27
10)	PICLORAM		2.696	2.301	2.322		2.440 E6	9.12

Signal #2 Calibration Files

1 =0915C1B.D 2 =0925C1.D 3 =0925C2B.D
 4 =0925C2.D 5 =0925C3.D

	Compound	1	2	3	4	5	Avg	%RSD
1)	DALAPON		6.248	5.056	4.493		5.266 E5	17.02
2) S	DCAA SURROGATE					3.459	3.459 E5	0.00
3)	DICAMBA		2.013	1.833	1.694		1.847 E6	8.67
4)	2,4-D		7.554	6.788	6.240		6.861 E5	9.62
5)	PENTACHLOROPHENOL		8.120	7.497	6.990		7.536 E6	7.51
6)	SILVEX		3.169	3.164	3.015		3.116 E6	2.80
7)	2,4,5-T		3.433	3.255	3.072		3.253 E6	5.56
8)	DINOSEB		1.670	1.714	1.651		1.679 E6	1.93
9)	DCPA, DI-ACID		2.114	1.927	1.794		1.945 E6	8.26
10)	PICLORAM		3.025	2.999	3.032		3.019 E6	0.57

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\C2B.D\ECD1A.CH Vial: 36
 Signal #2 : C:\HPCHEM\1\DATA\515F\010925\C2B.D\ECD2B.CH
 Acq On : 25 Sep 2001 5:43 pm Operator: Nefliu
 Sample : ccv Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 26 8:57 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Wed Sep 26 08:35:24 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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							
2) S DCAA SURROGATE	13.58	12.81	175695	213320	0.933	0.617	#
Spiked Amount 2.000			Recovery	=	46.65%	30.85%	
Target Compounds							
1) DALAPON	4.90	4.81	1103269	1280538	2.374m	2.432	97% 2.5
3) DICAMBA	13.98	13.10	331180	424211	0.205	0.230	92% 0.25
4) 2,4-D	15.44	14.79	106211	142640	0.176	0.208	83% 0.25
5) PENTACHLOROPHENO	16.11	14.96	1274084	1687327	0.208	0.224	90% 0.25
6) SILVEX	16.39	15.79	512362	707580	0.204	0.227m	91% 0.25
7) 2,4,5-T	17.12	16.44	398670	568525	0.160m	0.175m	88% 0.2
8) DINOSEB	17.26	17.86	573976	770664	0.374	0.459	92% 0.5
9) DCPA, DI-ACID	19.57	18.50	3283957	4440918	2.194	2.283	91% 2.5
10) PICLORAM	21.01	19.60	975291	1514246	0.400	0.502	100% 0.5

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010925\C2B.D\ECD1A.CH Vial: 36
Signal #2 : C:\HPCHEM\1\DATA\515F\010925\C2B.D\ECD2B.CH
Acq On : 25 Sep 2001 5:43 pm Operator: Nefliu
Sample : ccv Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 26 8:57 2001 Quant Results File: 010925H.RES

Quant Method : C:\HPCHEM\1\METHODS\010925H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Wed Sep 26 08:35:24 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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

