

User: Vinci, David L  
 Westchester Dept. of Labs & Research  
 Date: 04/18/2002 Time: 08:28:54

Sample: AE06308  
 Analysis: \$GCMS GCMS Scan For Unknowns  
 Units: ug  
 Started: 4/18/02 08:28 Ended: 4/18/02 08:28 Analyst: DLV  
 Page: 1

|   | Component Name          | Viol | Result | Qualifier | MDL |
|---|-------------------------|------|--------|-----------|-----|
| 1 | Other unknown compounds |      | .      |           |     |
| 2 | Surr_2,4-DDD            |      | 117    |           | 5.0 |

**Comments for Sample AE06308 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 08:29:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6308.D  
 Acq On : 9 Apr 2002 12:50 am  
 Sample : 3/18  
 Misc :  
 MS Integration Params: EVENTS.E  
 Quant Time: Apr 09 15:17:55 2002

Vial: 16  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)  
 Title : Method 508 GC/MS Scan  
 Last Update : Tue Apr 09 15:05:54 2002  
 Response via : Initial Calibration  
 DataAcq Meth : 508SCAN1

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 10.67 | 152  | 6257794  | 20.00 | ug/l  | 0.00     |
| 10) Naphthalene-d8        | 15.79 | 136  | 23376957 | 20.00 | ug/l  | 0.00     |
| 17) Acenaphthene-d10      | 23.68 | 164  | 13392544 | 20.00 | ug/l  | 0.00     |
| 31) Phenanthrene-d10      | 30.92 | 188  | 21790599 | 20.00 | ug/l  | 0.02     |
| 39) Chrysene-d12          | 39.11 | 240  | 17742589 | 20.00 | ug/l  | 0.00     |
| 45) Perylene-d12          | 42.31 | 264  | 10316015 | 20.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|               |       |     |          |      |        |      |
|---------------|-------|-----|----------|------|--------|------|
| 28) TCMX      | 0.00  | 207 | 0        | 0.00 | ug/l   |      |
| Spiked Amount | 5.000 |     | Recovery | =    | 0.00%  |      |
| 38) 2,4-DDD   | 36.62 | 235 | 549769   | 2.25 | ug/ml  | 0.00 |
| Spiked Amount | 5.000 |     | Recovery | =    | 45.00% |      |

## Target Compounds

5.8462 = 116.99% Qvalue

|                                |      |     |   |      |
|--------------------------------|------|-----|---|------|
| 2) N-nitrosodimethylamine      | 0.00 | 74  | 0 | N.D. |
| 3) bis(2-Chloroethyl) ether    | 0.00 | 93  | 0 | N.D. |
| 4) 1,3-Dichlorobenzene         | 0.00 | 146 | 0 | N.D. |
| 5) 1,4-Dichlorobenzene         | 0.00 | 146 | 0 | N.D. |
| 6) 1,2-Dichlorobenzene         | 0.00 | 146 | 0 | N.D. |
| 7) 2,2'-oxybis(1-Chloropropane | 0.00 | 45  | 0 | N.D. |
| 8) N-Nitroso-di-n-propylamine  | 0.00 | 43  | 0 | N.D. |
| 9) Hexachloroethane            | 0.00 | 119 | 0 | N.D. |
| 11) Nitrobenzene               | 0.00 | 77  | 0 | N.D. |
| 12) Isophorone                 | 0.00 | 82  | 0 | N.D. |
| 13) bis(2-Chloroethoxy) methan | 0.00 | 93  | 0 | N.D. |
| 14) 1,2,4-Trichlorobenzene     | 0.00 | 180 | 0 | N.D. |
| 15) Naphthalene                | 0.00 | 128 | 0 | N.D. |
| 16) Hexachlorobutadiene        | 0.00 | 225 | 0 | N.D. |
| 18) Hexachlorocyclopentadiene  | 0.00 | 237 | 0 | N.D. |
| 19) 2-Chloronaphthalene        | 0.00 | 162 | 0 | N.D. |
| 20) Acenaphthylene             | 0.00 | 152 | 0 | N.D. |
| 21) Dimethyl phthalate         | 0.00 | 163 | 0 | N.D. |
| 22) 2,6-Dinitrotoluene         | 0.00 | 77  | 0 | N.D. |
| 23) Acenaphthene               | 0.00 | 153 | 0 | N.D. |
| 24) 2,4-Dinitrotoluene         | 0.00 | 165 | 0 | N.D. |
| 25) Fluorene                   | 0.00 | 166 | 0 | N.D. |
| 26) Diethyl phthalate          | 0.00 | 149 | 0 | N.D. |
| 27) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. |
| 29) N-Nitrosodiphenylamine     | 0.00 | 168 | 0 | N.D. |
| 30) Azobenzene                 | 0.00 | 77  | 0 | N.D. |
| 32) Hexachlorobenzene          | 0.00 | 284 | 0 | N.D. |
| 33) 4-Bromophenyl-phenylether  | 0.00 | 248 | 0 | N.D. |

(#) = qualifier out of range (m) = manual integration

6308.D SCANAPR0902.M

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## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6308.D  
 Acq On : 9 Apr 2002 12:50 am  
 Sample : 3/18  
 Misc :  
 MS Integration Params: EVENTS.E  
 Quant Time: Apr 09 15:17:55 2002

Vial: 16  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)  
 Title : Method 508 GC/MS Scan  
 Last Update : Tue Apr 09 15:05:54 2002  
 Response via : Initial Calibration  
 DataAcq Meth : 508SCAN1

| Compound                       | R.T.  | QIon | Response | Conc      | Unit | Qvalue |
|--------------------------------|-------|------|----------|-----------|------|--------|
| 34) Phenanthrene               | 0.00  | 178  | 0        | N.D.      |      |        |
| 35) Anthracene                 | 0.00  | 178  | 0        | N.D.      |      |        |
| 36) Di-n-butylphthalate        | 33.98 | 149  | 29292    | 0.02 ug/l |      | 79     |
| 37) Fluoranthene               | 0.00  | 202  | 0        | N.D.      |      |        |
| 40) Pyrene                     | 0.00  | 202  | 0        | N.D.      |      |        |
| 41) Butylbenzylphthalate       | 0.00  | 149  | 0        | N.D.      |      |        |
| 42) Benz(a)anthracene          | 0.00  | 228  | 0        | N.D.      | d    |        |
| 43) Chrysene                   | 0.00  | 228  | 0        | N.D.      | d    |        |
| 44) Bis(2-ethylhexyl)phthalate | 0.00  | 149  | 0        | N.D.      |      |        |
| 46) Di-n-Octyl phthalate       | 0.00  | 149  | 0        | N.D.      |      |        |
| 47) Benzo(b)fluoranthene       | 0.00  | 252  | 0        | N.D.      |      |        |
| 48) Benzo(k)fluoranthene       | 0.00  | 252  | 0        | N.D.      |      |        |
| 49) Benzo(a)pyrene             | 0.00  | 252  | 0        | N.D.      | d    |        |
| 50) Indeno(1,2,3-cd)pyrene     | 0.00  | 276  | 0        | N.D.      |      |        |
| 51) Dibenz(a,h)anthracene      | 0.00  | 278  | 0        | N.D.      |      |        |
| 52) Benzo(ghi)perylene         | 0.00  | 276  | 0        | N.D.      |      |        |

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 (#) = qualifier out of range (m) = manual integration (+) = signals summed  
 6308.D SCANAPR0902.M Tue Apr 09 15:18:32 2002 Page 2

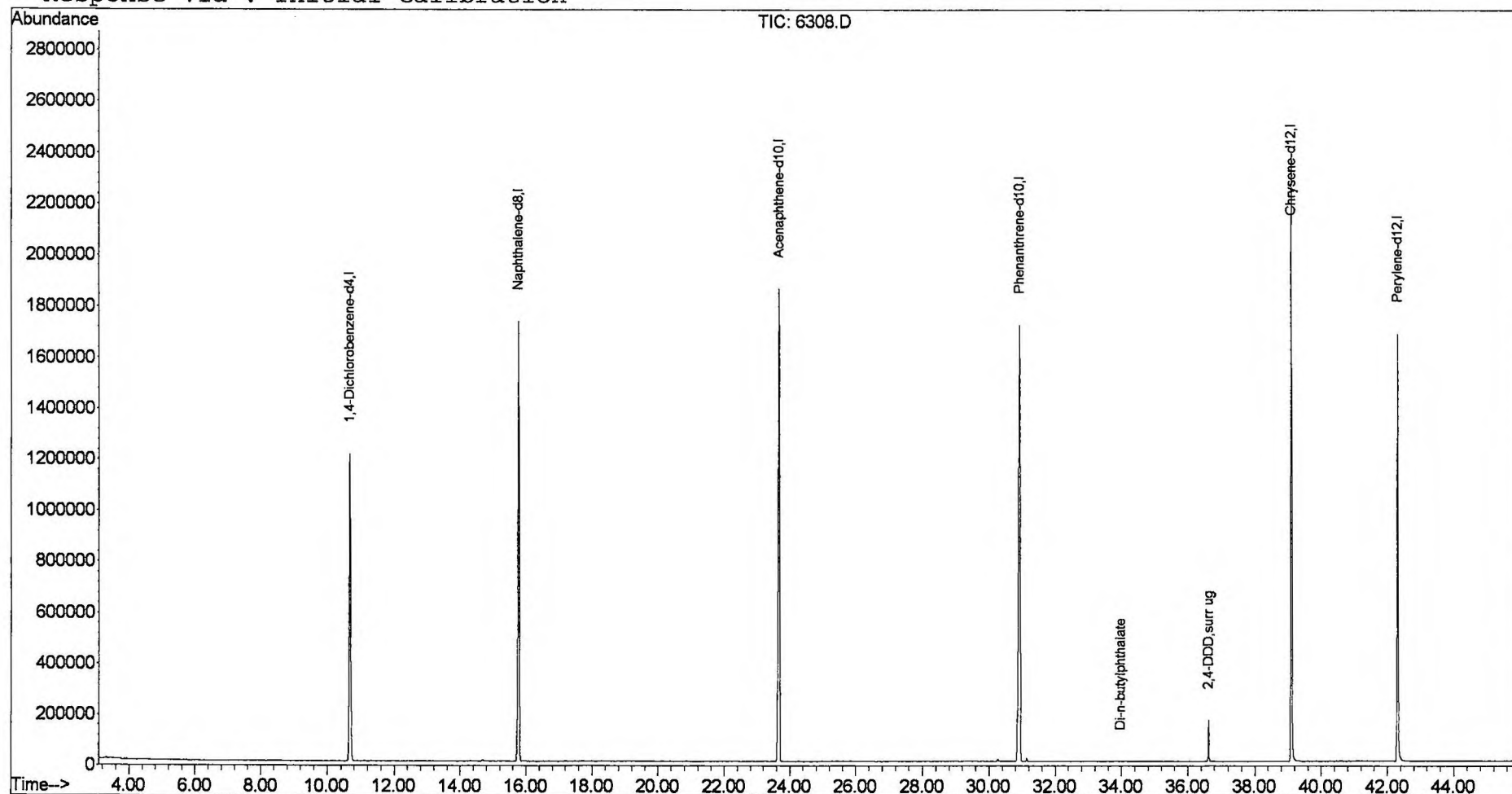
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020408\6308.D  
 Acq On : 9 Apr 2002 12:50 am  
 Sample : 3/18  
 Misc :  
 MS Integration Params: EVENTS.E  
 Quant Time: Apr 9 15:18 2002

Vial: 16  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)  
 Title : Method 508 GC/MS Scan  
 Last Update : Tue Apr 09 15:05:54 2002  
 Response via : Initial Calibration



## LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020408\6308.D  
Acq On : 9 Apr 2002 12:50 am  
Sample : 3/18  
Misc :  
MS Integration Params: LSCINT.e

Vial: 16  
Operator: McLean  
Inst : Instrumen  
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)  
Title : Method 508 GC/MS Scan

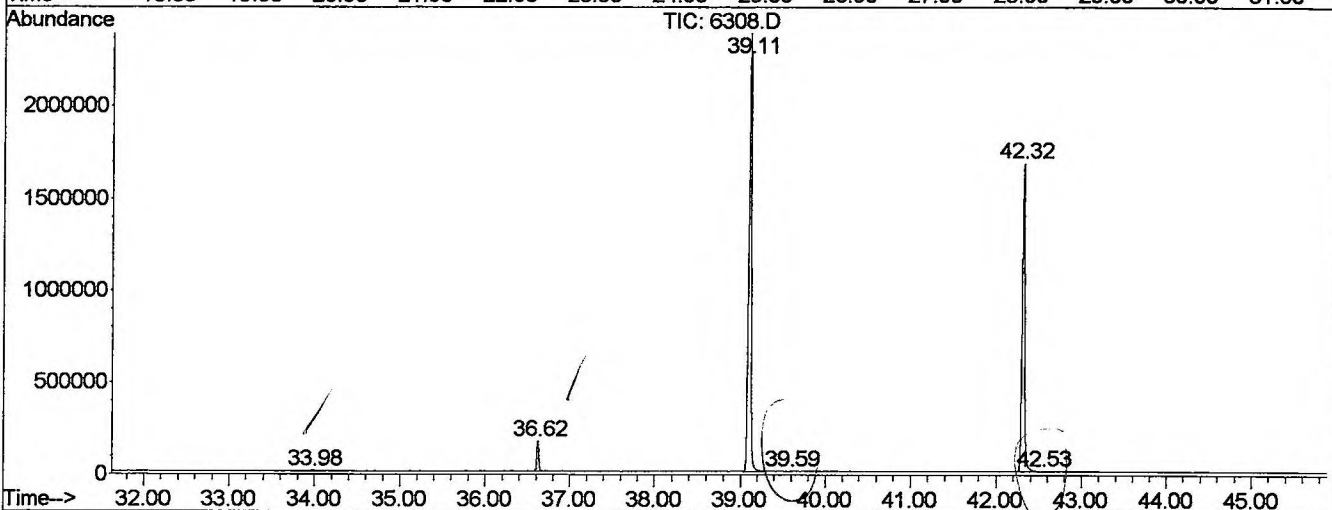
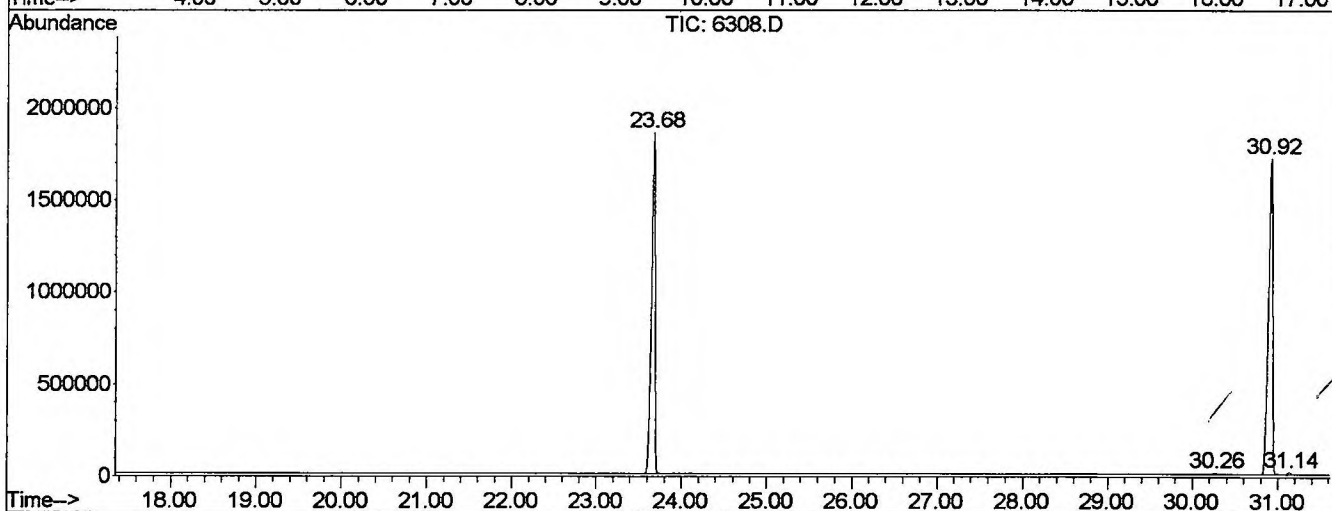
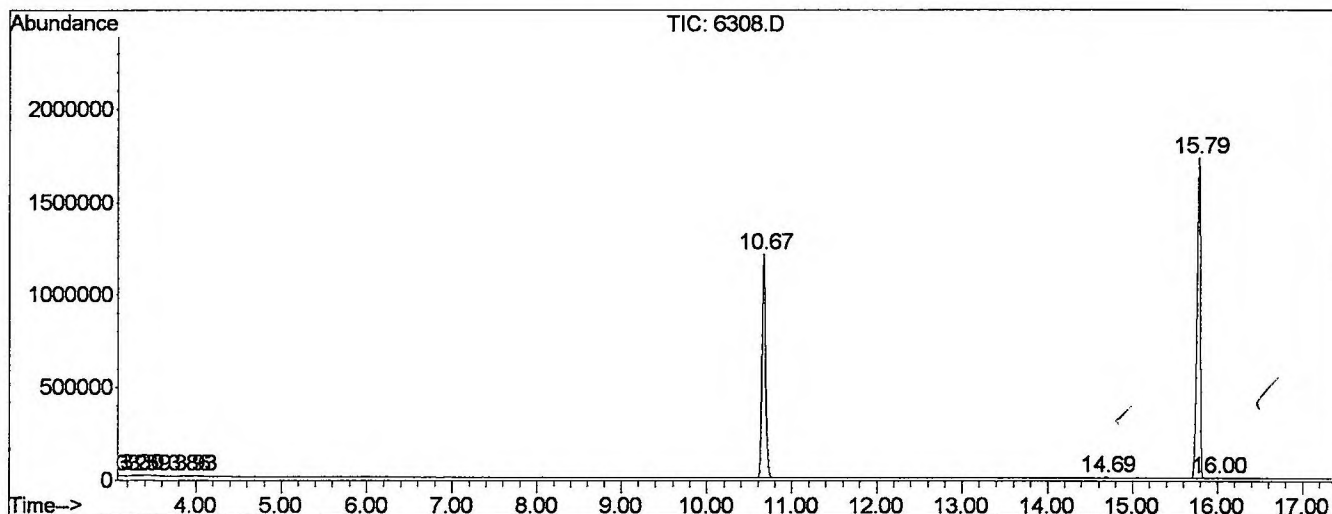
Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.255       | 18            | 30          | 32           | PV 3     | 2617           | 55253         | 0.10%           | 0.020%        |
| 2         | 3.302       | 32            | 38          | 51           | VV 5     | 5091           | 154171        | 0.27%           | 0.055%        |
| 3         | 3.390       | 51            | 53          | 54           | PV 2     | 1081           | 6670          | 0.01%           | 0.002%        |
| 4         | 3.866       | 131           | 134         | 136          | VV 2     | 2274           | 18927         | 0.03%           | 0.007%        |
| 5         | 3.937       | 143           | 146         | 148          | VV       | 1880           | 14090         | 0.03%           | 0.005%        |
| 6         | 10.670      | 1279          | 1292        | 1312         | VV       | 1196332        | 35149516      | 62.42%          | 12.543%       |
| 7         | 14.689      | 1964          | 1976        | 1984         | PV 4     | 5690           | 144892        | 0.26%           | 0.052%        |
| 8         | 15.788      | 2142          | 2163        | 2177         | BV       | 1711108        | 45928781      | 81.56%          | 16.389%       |
| 9         | 15.993      | 2193          | 2198        | 2205         | VV 2     | 2553           | 64328         | 0.11%           | 0.023%        |
| 10        | 23.679      | 3486          | 3506        | 3516         | PV       | 1831592        | 54190655      | 96.23%          | 19.337%       |
| 11        | 30.259      | 4618          | 4626        | 4640         | PV 4     | 8059           | 233837        | 0.42%           | 0.083%        |
| 12        | 30.923      | 4711          | 4739        | 4752         | VV 3     | 1686804        | 56312904      | 100.00%         | 20.095%       |
| 13        | 31.135      | 4763          | 4775        | 4783         | PV 2     | 11943          | 263774        | 0.47%           | 0.094%        |
| 14        | 33.979      | 5250          | 5259        | 5266         | VV 2     | 1780           | 49649         | 0.09%           | 0.018%        |
| 15        | 36.623      | 5702          | 5709        | 5716         | VV       | 163879         | 2576179       | 4.57%           | 0.919%        |
| 16        | 39.114      | 6119          | 6133        | 6163         | VV 2     | 2345153        | 50755107      | 90.13%          | 18.112%       |
| 17        | 39.590      | 6212          | 6214        | 6219         | PV 2     | 1632           | 23710         | 0.04%           | 0.008%        |
| 18        | 42.316      | 6667          | 6678        | 6714         | PV       | 1622811        | 34287431      | 60.89%          | 12.235%       |
| 19        | 42.533      | 6714          | 6715        | 6717         | PV       | 1084           | 6451          | 0.01%           | 0.002%        |

Sum of corrected areas: 280236325

# LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020408\6308.D  
 Operator : McLean  
 Acquired : 9 Apr 2002 12:50 am using AcqMethod 508SCAN1  
 Instrument : Instrumen  
 Sample Name: 3/18  
 Misc Info :  
 Vial Number: 16  
 Quant File :SCANAPR0902.RES (Chemstation Integrator)



## Tentatively Identified Compound (LSC) summary

Operator ID: McLean      Date Acquired: 9 Apr 2002 12:50 am  
Data File: C:\MSDCHEM\1\DATA\020408\6308.D  
Name: 3/18  
Misc:  
Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)  
Title: Method 508 GC/MS Scan  
Library Searched: C:\DATABASE\nist98.1

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

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