Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022602\1639.D Vial: 5
Acq On : 26 Feb 2002 1:19 pm Operator: McLean
Sample : 1/24 FBLK Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 28 11:21:41 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 9.58 | 150 | 1378961 | 20.00 | ug/L | 0.00 |
| 10) Naphthalene-d8 | 13.05 | 136 | 3680962 | 20.00 | ug/L | 0.00 |
| 17) Acenaphthene-d10 | 18.17 | 164 | 2012002 | 20.00 | ug/L | 0.00 |
| 29) Phenanthrene-d10 | 22.53 | 188 | 3096820 | 20.00 | ug/L | 0.00 |
| 38) Chrysene-d12 | 30.34 | 240 | 2917321 | 20.00 | ug/L | -0.02 |
| 44) Perylene-d12 | 34.22 | 264 | 1995496 | 20.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-ddd surr | 27.47 | 235 | 149279 | 3.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | | | Recovery = | 60.80% | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 0.00 | 74 | 0 | N.D. | | |
| 3) bis(2-chloroethyl) ether | 0.00 | 93 | 0 | N.D. | | |
| 4) 1,3 - Dichlorobenze | 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-Chloropr | 0.00 | 45 | 0 | N.D. | | |
| 8) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 9) Hexachloroethane | 0.00 | 117 | 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) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | d | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 25) Diethylphthalate | 0.00 | 149 | 0 | N.D. | | |
| 26) 4-Chlorophenyl-phenyl ethe | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 28) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |
| 30) N-Nitrosodiphenylamine | 0.00 | 169 | 0 | N.D. | | |
| 31) 4-Bromophenyl-phenyl ether | 0.00 | 248 | 0 | N.D. | | |
| 32) Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | | |
| 33) Phenanthrene | 0.00 | 178 | 0 | N.D. | | |
| 34) Anthracene | 0.00 | 178 | 0 | N.D. | | |
| 35) Di-n-butylphthalate | 24.67 | 149 | 22215 | 0.11 | ug/L | 94 |
| 36) Fluoranthene | 0.00 | 202 | 0 | N.D. | | |
| 39) Pyrene | 0.00 | 202 | 0 | N.D. | | |
| 40) Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | | |
| 41) Benzo (a) antracene | 0.00 | 228 | 0 | N.D. | d | |
| 42) Bis (2-ethylhexyl) phthala | 30.94 | 149 | 3190 | 0.02 | ug/L | 48 |
| 43) Chrysene | 30.35 | 228 | 7386 | 0.04 | ug/L | 34 |
| 45) Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | | |
| 46) Benzo (b) fluoranthene | 0.00 | 252 | 0 | N.D. | | |

(#) = qualifier out of range (m) = manual integration
1639.D 5080202.M Thu Feb 28 11:22:13 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022602\1639.D Vial: 5
Acq On : 26 Feb 2002 1:19 pm Operator: McLean
Sample : 1/24 FBLK Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 28 11:21:41 2002 Quant Results File: 5080202.RES

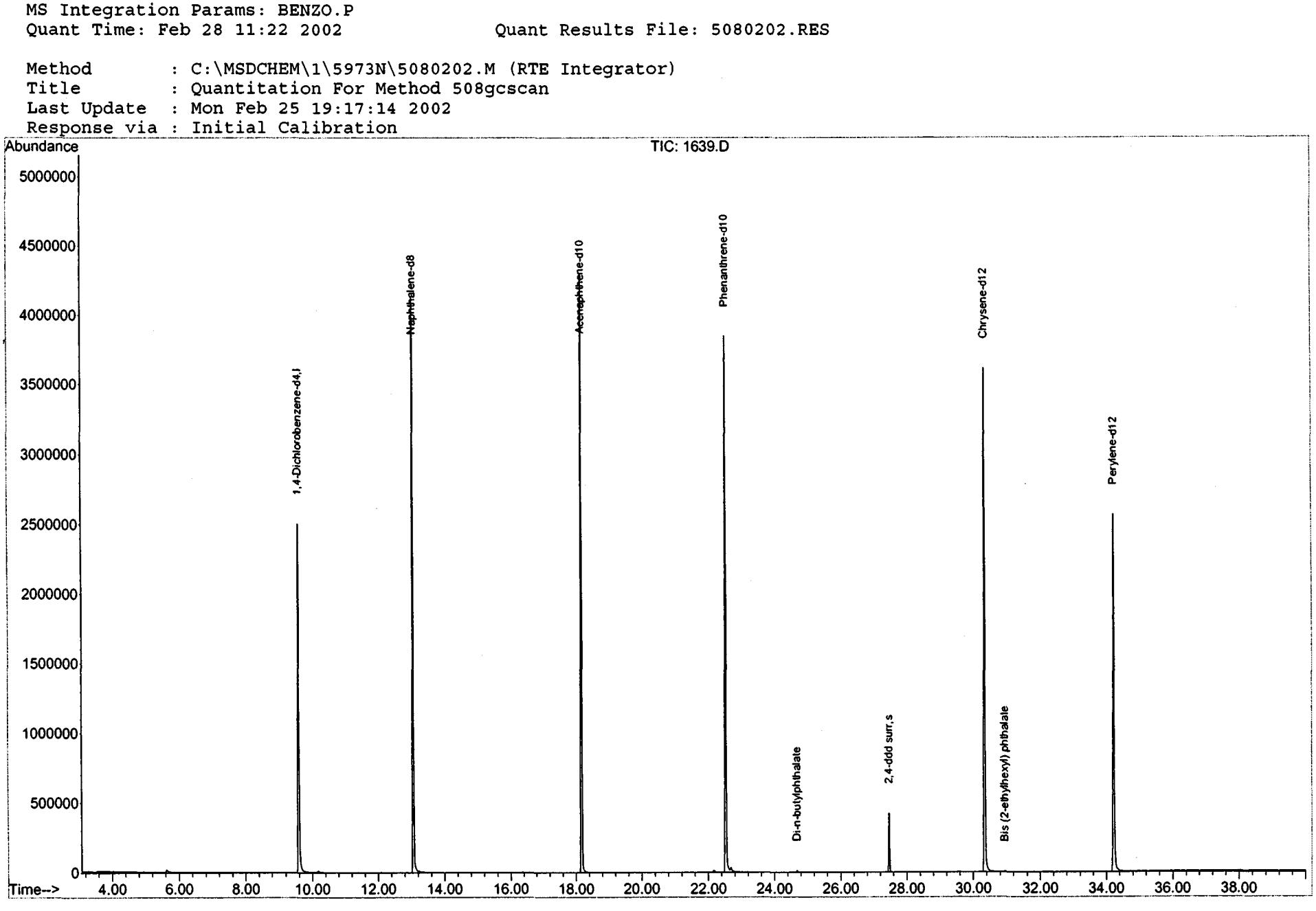
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 47) | Benzo (k) fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) | Benzo (a) pyrene | 0.00 | 252 | 0 | N.D. d | |
| 49) | Indeno (1,2,3-cd) pyrene | 0.00 | 276 | 0 | N.D. | |
| 50) | Dibenz (a,h) anthracene | 0.00 | 278 | 0 | N.D. | |
| 51) | Benzo (g,h,i) perylene | 0.00 | 276 | 0 | N.D. | |

(#) = qualifier out of range (m) = manual integration
1639.D 5080202.M Thu Feb 28 11:22:13 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022602\1639.D Vial: 5
Acq On : 26 Feb 2002 1:19 pm Operator: McLean
Sample : 1/24 FBLK Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 28 11:22 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022602\1639.D  Vial: 5
Acq On : 26 Feb 2002 1:19 pm  Operator: McLean
Sample : 1/24 FBLK  Inst : Instrumen
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF  Filtering: 5
Sampling : 1  Min Area: 1 % of largest Peak
Start Thrs: 0.2  Max Peaks: 100
Stop Thrs : 0  Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

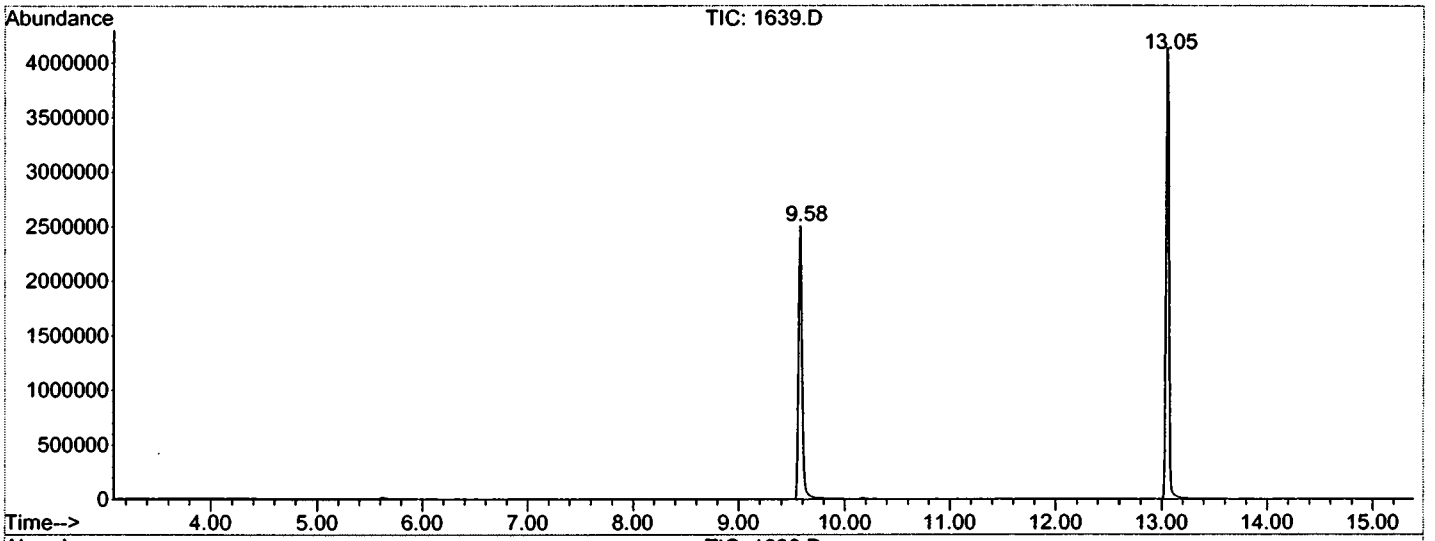
Signal : TIC

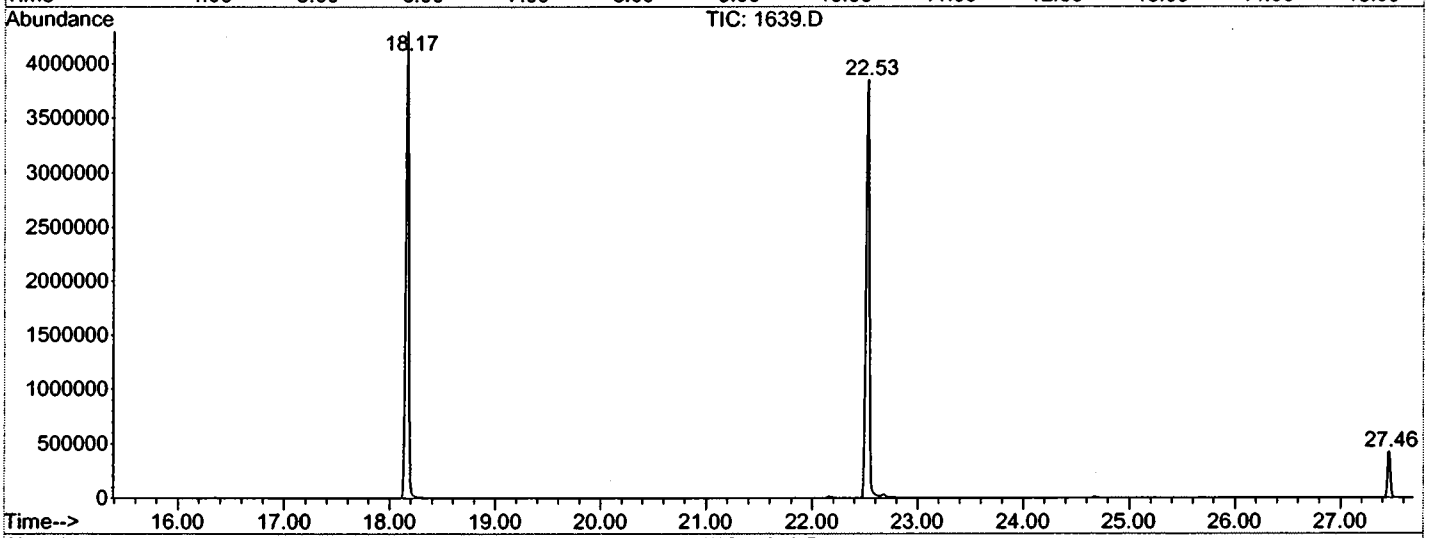
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.579 | 712 | 717 | 733 | rBV | 2504055 | 5872754 | 68.79% | 12.627% |
| 2 | 13.053 | 1095 | 1100 | 1115 | rBV | 4134344 | 7946839 | 93.09% | 17.086% |
| 3 | 18.169 | 1658 | 1664 | 1683 | rBV | 4295611 | 8377487 | 98.13% | 18.012% |
| 4 | 22.532 | 2138 | 2145 | 2157 | rBV2 | 3849508 | 8536707 | 100.00% | 18.354% |
| 5 | 27.457 | 2684 | 2688 | 2698 | rBV | 419335 | 790456 | 9.26% | 1.700% |
| 6 | 30.341 | 2999 | 3006 | 3024 | rBV2 | 3614476 | 8471877 | 99.24% | 18.215% |
| 7 | 34.223 | 3426 | 3434 | 3451 | rBV2 | 2568733 | 6514919 | 76.32% | 14.007% |

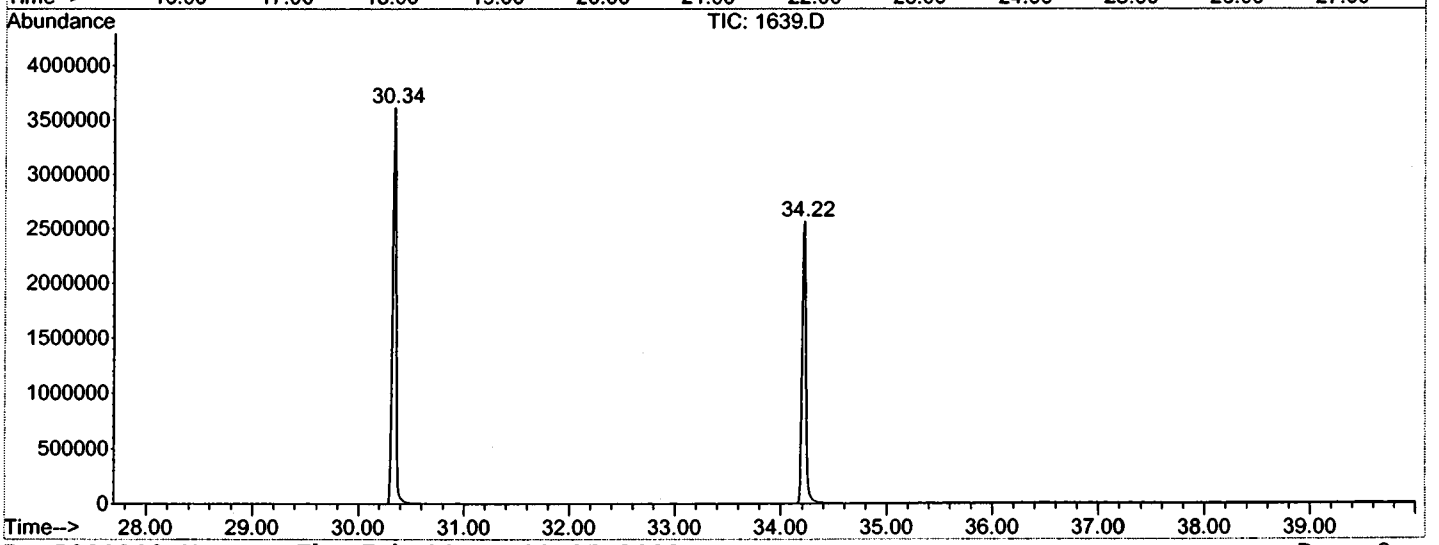
Sum of corrected areas: 46511039

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022602\1639.D
Operator : McLean
Acquired : 26 Feb 2002 1:19 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 1/24 FBLK
Misc Info :
Vial Number: 5
Quant File :5080202.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: McLean  Date Acquired: 26 Feb 2002  1:19 pm
Data File: C:\MSDCHEM\1\DATA\022602\1639.D
Name: 1/24 FBLK
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

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