

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102323AL\
 Data File : FC064909.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2023 15:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 00:55:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

| Compound | R.T. | Response | Conc Units |
|--------------------------------|--------|----------|--------------|
| ----- | | | |
| System Monitoring Compounds | | | |
| 9) S ortho-Terphenyl (SURR) | 11.521 | 4155873 | 19.464 ug/ml |
| Spiked Amount | 50.000 | Recovery | = 38.93% |
| 12) S 1-chlorooctadecane (S... | 12.953 | 3006584 | 20.052 ug/ml |
| Spiked Amount | 50.000 | Recovery | = 40.10% |
| Target Compounds | | | |
| 1) T n-Nonane (C9) | 3.320 | 3676838 | 20.019 ug/ml |
| 2) T n-Decane (C10) | 4.380 | 3702478 | 20.240 ug/ml |
| 3) T A~Naphthalene (C11.7) | 5.960 | 3852309 | 20.311 ug/ml |
| 4) T n-Dodecane (C12) | 6.389 | 3746990 | 20.103 ug/ml |
| 5) T A~2-methylnaphthalene... | 7.013 | 3677306 | 20.998 ug/ml |
| 6) T n-Tetradecane (C14) | 8.177 | 3666583 | 20.415 ug/ml |
| 7) T n-Hexadecane (C16) | 9.771 | 3638196 | 20.453 ug/ml |
| 8) T n-Octadecane (C18) | 11.207 | 3587207 | 19.991 ug/ml |
| 10) T n-Eicosane (C20) | 12.511 | 3396783 | 19.727 ug/ml |
| 11) T n-Heneicosane (C21) | 13.121 | 3311562 | 19.554 ug/ml |
| 13) T n-Docosane (C22) | 13.703 | 3232737 | 19.620 ug/ml |
| 14) T n-Tetracosane (C24) | 14.802 | 3116494 | 19.581 ug/ml |
| 15) T n-Hexacosane (C26) | 15.818 | 3005393 | 19.619 ug/ml |
| 16) T n-Octacosane (C28) | 16.765 | 2912716 | 19.765 ug/ml |
| 17) T n-Tricontane (C30) | 17.649 | 2913776 | 19.915 ug/ml |
| 18) T n-Dotriacontane (C32) | 18.477 | 2895625 | 20.054 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.258 | 2820590 | 20.046 ug/ml |
| 20) T n-Hexatriacontane (C36) | 19.996 | 2827257 | 20.435 ug/ml |
| 21) T n-Octatriacontane (C38) | 20.716 | 2802848 | 21.159 ug/ml |
| 22) T n-Tetracontane (C40) | 21.600 | 2783421 | 22.241 ug/ml |
| ----- | | | |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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