

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101419AL\  
 Data File : FC043997.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Oct 2019 13:42  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Manual Integrations  
 APPROVED

Ankita  
 10/16/2019 1:40:57 PM

Integration File: autoint1.e  
 Quant Time: Oct 15 16:24:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 12 00:05:39 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.563 | 2987961    | 19.686 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.37%       |
| 12) S 1-chlorooctadecane (S... | 12.983 | 2276088    | 19.198 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.40%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.419  | 2717638    | 22.478 ug/ml |
| 2) T n-Decane (C10)            | 4.471  | 2782893    | 22.992 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.049  | 2671116    | 22.688 ug/ml |
| 4) T n-Dodecane (C12)          | 6.460  | 2921877    | 23.101 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.094  | 2627722    | 21.806 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.233  | 2928337    | 22.750 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.816  | 2919565    | 22.173 ug/ml |
| 8) T n-Octadecane (C18)        | 11.243 | 2870470    | 21.046 ug/ml |
| 10) T n-Eicosane (C20)         | 12.541 | 2785242    | 19.955 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.147 | 2753446    | 19.375 ug/ml |
| 13) T n-Docosane (C22)         | 13.727 | 2675272    | 18.828 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.822 | 2602872    | 18.131 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.835 | 2542681    | 17.781 ug/ml |
| 16) T n-Octacosane (C28)       | 16.779 | 2540310    | 17.920 ug/ml |
| 17) T n-Tricontane (C30)       | 17.660 | 2596673    | 18.515 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.487 | 2570704    | 19.353 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.266 | 2496754    | 19.983 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.002 | 2406650    | 20.822 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.720 | 2291688    | 21.532 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.596 | 2328079    | 22.266 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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