

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091819AL\  
 Data File : FC043547.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Sep 2019 9:35  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: sample.E  
 Quant Time: Sep 18 15:08:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 091619.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 16 12:41:51 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)    | 11.594 | 2886160    | 20.219 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.44%       |
| 12) S 1-chlorooctadecane (S... | 13.016 | 2202409    | 19.890 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.438  | 2542325    | 21.788 ug/ml |
| 2) T n-Decane (C10)            | 4.492  | 2585561    | 22.195 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.070  | 2629870    | 22.482 ug/ml |
| 4) T n-Dodecane (C12)          | 6.485  | 2668388    | 21.889 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.116  | 2667437    | 22.562 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.261  | 2698563    | 21.861 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.846  | 2703565    | 21.558 ug/ml |
| 8) T n-Octadecane (C18)        | 11.274 | 2689296    | 20.858 ug/ml |
| 10) T n-Eicosane (C20)         | 12.572 | 2654109    | 20.269 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.180 | 2642614    | 19.949 ug/ml |
| 13) T n-Docosane (C22)         | 13.762 | 2595295    | 19.775 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.857 | 2533132    | 19.287 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.871 | 2449811    | 19.008 ug/ml |
| 16) T n-Octacosane (C28)       | 16.816 | 2358580    | 18.741 ug/ml |
| 17) T n-Tricontane (C30)       | 17.698 | 2287057    | 18.628 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.526 | 2181132    | 18.927 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.306 | 2106525    | 19.598 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.041 | 2054714    | 20.854 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.767 | 1959692    | 21.299 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.657 | 2126598    | 22.677 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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