

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091421AL\  
 Data File : FC055627.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Sep 2021 13:54  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

mohammad  
 9/17/2021 3:10:10 PM

Integration File: sample.E  
 Quant Time: Sep 15 01:21:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:45:39 2021  
 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)    | 11.657 | 2289320    | 18.325 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.65%        |
| 12) S 1-chlorooctadecane (S... | 13.091 | 1746184    | 17.644 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.400  | 2432697    | 22.505 ug/ml  |
| 2) T n-Decane (C10)            | 4.470  | 2457627    | 22.539 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.064  | 2689861    | 21.829 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.493  | 2437350    | 22.260 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.123  | 2673693    | 21.485 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.290  | 2400380    | 21.552 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.892  | 2314234    | 20.477 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.335 | 2259853    | 19.410 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.645 | 2121517    | 18.156 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.257 | 2089559    | 17.754 ug/ml  |
| 13) T n-Docosane (C22)         | 13.843 | 2023553    | 17.347 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.945 | 1947719    | 16.725 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.965 | 1868924    | 16.498 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.914 | 1853006    | 16.746 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.801 | 1842458    | 17.327 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.632 | 1815654    | 18.117 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.415 | 1806010    | 19.136 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.153 | 1771457    | 20.403 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.899 | 1739035    | 21.335 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.836 | 1779749    | 22.159 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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