

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121521AL\  
 Data File : FD039945.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Dec 2021 5:44  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 12/16/2021  
 Supervised By :Yogesh Patel 12/16/2021

Integration File: sample.E  
 Quant Time: Dec 16 06:23:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 121521.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 15 16:44:55 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)    | 10.784 | 3139533    | 19.999 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.00%        |
| 12) S 1-chlorooctadecane (S... | 12.217 | 2482764    | 20.104 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.21%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.677  | 2796794    | 19.874 ug/ml  |
| 2) T n-Decane (C10)            | 3.680  | 2841960    | 19.925 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.232  | 3187207    | 19.855 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.662  | 2839352    | 19.886 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.277  | 3216910    | 19.934 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.445  | 2874521    | 19.944 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.037  | 2900911    | 19.941 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.472 | 2972643    | 19.977 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.775 | 2932530    | 20.051 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.385 | 2947589    | 20.063 ug/ml  |
| 13) T n-Docosane (C22)         | 12.969 | 2922964    | 20.017 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.068 | 2901357    | 19.921 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.085 | 2794975    | 19.927 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.031 | 2714719    | 20.016 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.916 | 2623229    | 20.075 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.746 | 2511895    | 20.183 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.529 | 2441238    | 20.212 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.268 | 2315116    | 20.131 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.983 | 2238171    | 20.051 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.845 | 2272942    | 19.948 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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