

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092022AL\  
 Data File : FC061595.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Sep 2022 18:24  
 Operator : YP/AJ  
 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

Reviewed By :Yogesh Patel 09/22/2022  
 Supervised By :Ankita Jodhani 09/22/2022

Integration File: autoint1.e  
 Quant Time: Sep 21 18:50:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092022.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 20 18:33:32 2022  
 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)    | 11.571 | 3266337    | 19.113 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.23%        |
| 12) S 1-chlorooctadecane (S... | 13.009 | 2586995    | 18.937 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.321  | 2830983    | 18.966 ug/ml  |
| 2) T n-Decane (C10)            | 4.391  | 2864980    | 18.993 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.977  | 3154093    | 19.020 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.411  | 2888772    | 18.998 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.033  | 3130204    | 19.029 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.210  | 2902888    | 19.040 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.813  | 2950311    | 19.080 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.256 | 3014512    | 19.122 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.566 | 3028125    | 19.002 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.178 | 3037858    | 18.935 ug/ml  |
| 13) T n-Docosane (C22)         | 13.763 | 3035622    | 18.894 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.868 | 2999786    | 18.726 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.888 | 2943785    | 18.570 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.837 | 2852989    | 18.407 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.725 | 2942679    | 19.122 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.558 | 3250105    | 21.495 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.340 | 2837000    | 20.008 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.078 | 2559116    | 18.537 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.814 | 2453341    | 18.944 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.723 | 2282833    | 18.680 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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