

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122921AL\  
 Data File : FD040290.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Dec 2021 8:59  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021  
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e  
 Quant Time: Dec 30 09:23:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 29 02:26:30 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)    | 10.704 | 2992951    | 19.212 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.42%        |
| 12) S 1-chlorooctadecane (S... | 12.138 | 2306166    | 19.123 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.25%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.634  | 2602340    | 19.830 ug/ml  |
| 2) T n-Decane (C10)            | 3.626  | 2638097    | 19.930 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.166  | 2903960    | 19.681 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.599  | 2665941    | 20.074 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.207  | 2916339    | 19.653 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.377  | 2726806    | 19.723 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.965  | 2735172    | 19.948 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.398 | 2784967    | 19.721 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.699 | 2748714    | 19.661 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.308 | 2729055    | 19.288 ug/ml  |
| 13) T n-Docosane (C22)         | 12.890 | 2734657    | 19.486 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.987 | 2765895    | 19.699 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.002 | 2672829    | 19.438 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.947 | 2653934    | 19.509 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.830 | 2583201    | 19.302 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.658 | 2389748    | 18.462 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.438 | 2147619    | 17.713 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.173 | 1924546    | 18.059 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.877 | 1798775    | 19.478 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.701 | 1788082    | 22.964 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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