

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052224AL\
 Data File : FC066440.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2024 13:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2024
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e
 Quant Time: May 23 03:12:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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)	11.555	2900214	17.542 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
12) S 1-chlorooctadecane (S...	12.994	2165313	17.653 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T n-Nonane (C9)	3.315	2434422	16.119 ug/ml
2) T n-Decane (C10)	4.381	2583829	16.802 ug/ml
3) T A~Naphthalene (C11.7)	5.963	2864495	16.860 ug/ml
4) T n-Dodecane (C12)	6.401	2624505	17.078 ug/ml
5) T A~2-methylnaphthalene...	7.019	2788110	16.917 ug/ml
6) T n-Tetradecane (C14)	8.197	2603175	17.201 ug/ml
7) T n-Hexadecane (C16)	9.798	2686694	17.571 ug/ml
8) T n-Octadecane (C18)	11.241	2702732	17.806 ug/ml
10) T n-Eicosane (C20)	12.551	2577172	17.915 ug/ml
11) T n-Heneicosane (C21)	13.162	2522316	17.944 ug/ml
13) T n-Docosane (C22)	13.749	2513787	17.955 ug/ml
14) T n-Tetracosane (C24)	14.852	2504538	17.791 ug/ml
15) T n-Hexacosane (C26)	15.872	2456479	17.959 ug/ml
16) T n-Octacosane (C28)	16.823	2473782	18.472 ug/ml
17) T n-Tricontane (C30)	17.711	2649305	19.659 ug/ml
18) T n-Dotriacontane (C32)	18.543	2657783	20.642 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2476560	20.932 ug/mlm
20) T n-Hexatriacontane (C36)	20.066	2284948	19.879 ug/ml
21) T n-Octatriacontane (C38)	20.800	2174849	20.206 ug/ml
22) T n-Tetracontane (C40)	21.709	2083047	19.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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