

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110322AL\
 Data File : FC062073.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2022 14:52
 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 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 04:49:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.595	2548598	17.146 ug/ml
Spiked Amount 50.000		Recovery =	34.29%
12) S 1-chlorooctadecane (S...	13.031	1958756	16.813 ug/ml
Spiked Amount 50.000		Recovery =	33.63%
Target Compounds			
1) T n-Nonane (C9)	3.348	2498775	17.764 ug/ml
2) T n-Decane (C10)	4.417	2579783	18.072 ug/ml
3) T A~Naphthalene (C11.7)	6.005	2654804	17.199 ug/ml
4) T n-Dodecane (C12)	6.439	2593455	17.865 ug/ml
5) T A~2-methylnaphthalene...	7.064	2585604	17.045 ug/ml
6) T n-Tetradecane (C14)	8.237	2559462	17.607 ug/ml
7) T n-Hexadecane (C16)	9.838	2540263	17.444 ug/ml
8) T n-Octadecane (C18)	11.281	2499007	17.289 ug/ml
10) T n-Eicosane (C20)	12.587	2413154	17.098 ug/ml
11) T n-Heneicosane (C21)	13.199	2372296	17.097 ug/ml
13) T n-Docosane (C22)	13.784	2353434	17.167 ug/mlm
14) T n-Tetracosane (C24)	14.885	2276924	17.232 ug/ml
15) T n-Hexacosane (C26)	15.906	2276316	18.065 ug/ml
16) T n-Octacosane (C28)	16.853	2325440	19.281 ug/ml
17) T n-Tricontane (C30)	17.740	2589580	21.764 ug/ml
18) T n-Dotriacontane (C32)	18.571	2678877	22.737 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2449040	21.678 ug/ml
20) T n-Hexatriacontane (C36)	20.091	2283257	20.133 ug/ml
21) T n-Octatriacontane (C38)	20.830	2138266	19.004 ug/ml
22) T n-Tetracontane (C40)	21.747	1976210	17.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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