

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073024AL\
 Data File : FC066838.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jul 2024 13:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :Ankita Jodhani 07/31/2024

Integration File: autoint1.e
 Quant Time: Jul 31 03:26:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.525	2807517	18.236 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
12) S 1-chlorooctadecane (S...	12.964	2117545	18.938 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.287	2468961	17.400 ug/ml
2) T n-Decane (C10)	4.354	2630949	17.797 ug/ml
3) T A~Naphthalene (C11.7)	5.937	2825096	17.691 ug/ml
4) T n-Dodecane (C12)	6.373	2649934	17.676 ug/ml
5) T A~2-methylnaphthalene...	6.994	2710668	17.682 ug/ml
6) T n-Tetradecane (C14)	8.168	2627401	17.958 ug/ml
7) T n-Hexadecane (C16)	9.769	2722081	18.188 ug/ml
8) T n-Octadecane (C18)	11.211	2720102	18.330 ug/ml
10) T n-Eicosane (C20)	12.520	2582240	18.526 ug/ml
11) T n-Heneicosane (C21)	13.132	2511130	18.436 ug/ml
13) T n-Docosane (C22)	13.718	2508381	18.675 ug/ml
14) T n-Tetracosane (C24)	14.821	2527000	18.998 ug/ml
15) T n-Hexacosane (C26)	15.841	2518130	19.353 ug/ml
16) T n-Octacosane (C28)	16.791	2647728	20.988 ug/ml
17) T n-Tricontane (C30)	17.679	2990135	23.252 ug/ml
18) T n-Dotriacontane (C32)	18.511	3100048	24.624 ug/ml
19) T n-Tetratriacontane (C34)	19.295	2836363	22.927 ug/mlm
20) T n-Hexatriacontane (C36)	20.035	2559009	21.999 ug/ml
21) T n-Octatriacontane (C38)	20.764	2440512	21.965 ug/ml
22) T n-Tetracontane (C40)	21.661	2183647	20.086 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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