

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071224AL\
 Data File : FC066775.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2024 07:28
 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 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: autoint1.e
 Quant Time: Jul 13 01:49:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.524	3057061	17.723 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
12) S 1-chlorooctadecane (S...	12.963	2310871	16.748 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
Target Compounds			
1) T n-Nonane (C9)	3.287	2771681	19.076 ug/ml
2) T n-Decane (C10)	4.355	2907874	19.495 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3137931	19.327 ug/ml
4) T n-Dodecane (C12)	6.374	2898105	19.122 ug/ml
5) T A~2-methylnaphthalene...	6.994	3014953	18.978 ug/ml
6) T n-Tetradecane (C14)	8.169	2821441	18.600 ug/ml
7) T n-Hexadecane (C16)	9.769	2925472	18.263 ug/ml
8) T n-Octadecane (C18)	11.211	2905200	17.509 ug/ml
10) T n-Eicosane (C20)	12.520	2769296	17.035 ug/ml
11) T n-Heneicosane (C21)	13.131	2714936	16.850 ug/ml
13) T n-Docosane (C22)	13.718	2713288	16.924 ug/ml
14) T n-Tetracosane (C24)	14.820	2735744	17.238 ug/ml
15) T n-Hexacosane (C26)	15.841	2760928	18.081 ug/ml
16) T n-Octacosane (C28)	16.790	2810048	19.481 ug/mlm
17) T n-Tricontane (C30)	17.679	3108078	22.246 ug/ml
18) T n-Dotriacontane (C32)	18.510	3140212	23.794 ug/ml
19) T n-Tetratriacontane (C34)	19.293	2986573	24.149 ug/ml
20) T n-Hexatriacontane (C36)	20.032	2659564	22.067 ug/ml
21) T n-Octatriacontane (C38)	20.760	2575448	22.523 ug/ml
22) T n-Tetracontane (C40)	21.657	2451277	21.826 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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