

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066749.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 07:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 02:51:04 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)	11.527	3099039	17.967 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
12) S 1-chlorooctadecane (S...	12.966	2212980	16.038 ug/ml
Spiked Amount 50.000		Recovery =	32.08%
Target Compounds			
1) T n-Nonane (C9)	3.287	2757872	18.981 ug/ml
2) T n-Decane (C10)	4.355	2939670	19.708 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3174153	19.550 ug/ml
4) T n-Dodecane (C12)	6.375	2971137	19.604 ug/ml
5) T A~2-methylnaphthalene...	6.995	3048507	19.189 ug/ml
6) T n-Tetradecane (C14)	8.170	2914096	19.211 ug/ml
7) T n-Hexadecane (C16)	9.771	2984211	18.630 ug/ml
8) T n-Octadecane (C18)	11.213	2983987	17.984 ug/ml
10) T n-Eicosane (C20)	12.521	2814644	17.314 ug/ml
11) T n-Heneicosane (C21)	13.134	2745315	17.039 ug/ml
13) T n-Docosane (C22)	13.720	2723883	16.990 ug/ml
14) T n-Tetracosane (C24)	14.823	2698526	17.003 ug/ml
15) T n-Hexacosane (C26)	15.843	2641211	17.297 ug/ml
16) T n-Octacosane (C28)	16.793	2660075	18.441 ug/mlm
17) T n-Tricontane (C30)	17.680	2843975	20.356 ug/ml
18) T n-Dotriacontane (C32)	18.512	2821942	21.383 ug/ml
19) T n-Tetratriacontane (C34)	19.296	2585832	20.908 ug/ml
20) T n-Hexatriacontane (C36)	20.036	2289735	18.999 ug/ml
21) T n-Octatriacontane (C38)	20.764	2107444	18.430 ug/ml
22) T n-Tetracontane (C40)	21.663	1811666	16.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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