

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066587.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 17:42
 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 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:54:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.551	3085817	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	12.989	2359330	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.303	2821859	20.163 ug/ml
2) T n-Decane (C10)	4.372	2960437	20.575 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3252249	20.409 ug/ml
4) T n-Dodecane (C12)	6.393	2949668	20.485 ug/ml
5) T A~2-methylnaphthalene...	7.017	3122075	20.357 ug/ml
6) T n-Tetradecane (C14)	8.190	2877552	20.383 ug/ml
7) T n-Hexadecane (C16)	9.792	2944983	20.492 ug/ml
8) T n-Octadecane (C18)	11.235	2929151	20.468 ug/ml
10) T n-Eicosane (C20)	12.545	2805005	20.615 ug/ml
11) T n-Heneicosane (C21)	13.156	2749702	20.627 ug/ml
13) T n-Docosane (C22)	13.743	2752691	20.886 ug/ml
14) T n-Tetracosane (C24)	14.847	2784988	21.394 ug/ml
15) T n-Hexacosane (C26)	15.869	2764399	21.736 ug/ml
16) T n-Octacosane (C28)	16.817	2843553	22.904 ug/mlm
17) T n-Tricontane (C30)	17.707	3017058	23.940 ug/ml
18) T n-Dotriacontane (C32)	18.541	2952398	23.988 ug/ml
19) T n-Tetratriacontane (C34)	19.324	2930245	24.434 ug/ml
20) T n-Hexatriacontane (C36)	20.064	2790059	23.029 ug/mlm
21) T n-Octatriacontane (C38)	20.799	2579832	22.301 ug/ml
22) T n-Tetracontane (C40)	21.711	2703012	22.066 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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