

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062623AL\
 Data File : FF013023.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 07:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 27 07:53:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 2023
 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)	10.869	2809245	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	12.302	1981127	18.699 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	2.739	2646053	22.417 ug/ml
2) T n-Decane (C10)	3.745	2667538	22.395 ug/ml
3) T A~Naphthalene (C11.7)	5.310	2683127	21.818 ug/ml
4) T n-Dodecane (C12)	5.728	2657510	22.024 ug/ml
5) T A~2-methylnaphthalene...	6.359	2404553	21.581 ug/ml
6) T n-Tetradecane (C14)	7.516	2523488	21.527 ug/ml
7) T n-Hexadecane (C16)	9.112	2521586	20.667 ug/ml
8) T n-Octadecane (C18)	10.550	2491637	19.598 ug/ml
10) T n-Eicosane (C20)	11.857	2356485	18.886 ug/ml
11) T n-Heneicosane (C21)	12.467	2308008	18.824 ug/ml
13) T n-Docosane (C22)	13.052	2257558	18.427 ug/ml
14) T n-Tetracosane (C24)	14.153	2265490	18.458 ug/ml
15) T n-Hexacosane (C26)	15.172	2233012	18.562 ug/ml
16) T n-Octacosane (C28)	16.119	2177246	18.515 ug/ml
17) T n-Tricontane (C30)	17.004	2258464	18.964 ug/ml
18) T n-Dotriacontane (C32)	17.834	2277387	19.476 ug/ml
19) T n-Tetratriacontane (C34)	18.618	2313516	20.837 ug/ml
20) T n-Hexatriacontane (C36)	19.355	2107988	19.886 ug/mlm
21) T n-Octatriacontane (C38)	20.077	2427037	23.226 ug/mlm
22) T n-Tetracontane (C40)	20.957	2065120	21.316 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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