

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061135.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 09:35
 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 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:06:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.632	2795566	17.035 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	11.994	2250485	16.952 ug/ml
Spiked Amount 50.000		Recovery =	33.90%
Target Compounds			
1) T n-Nonane (C9)	2.633	2498974	17.743 ug/ml
2) T n-Decane (C10)	3.626	2607778	18.486 ug/ml
3) T A~Naphthalene (C11.7)	5.178	2834385	19.940 ug/ml
4) T n-Dodecane (C12)	5.570	2805903	18.931 ug/ml
5) T A~2-methylnaphthalene...	6.204	2738415	19.967 ug/ml
6) T n-Tetradecane (C14)	7.317	2732030	18.197 ug/ml
7) T n-Hexadecane (C16)	8.875	2744126	17.931 ug/ml
8) T n-Octadecane (C18)	10.280	2760124	17.676 ug/ml
10) T n-Eicosane (C20)	11.557	2707685	17.254 ug/ml
11) T n-Heneicosane (C21)	12.153	2690373	17.194 ug/ml
13) T n-Docosane (C22)	12.725	2651068	17.003 ug/ml
14) T n-Tetracosane (C24)	13.800	2542369	16.653 ug/ml
15) T n-Hexacosane (C26)	14.795	2431198	16.287 ug/ml
16) T n-Octacosane (C28)	15.720	2350639	16.404 ug/ml
17) T n-Tricontane (C30)	16.585	2421251	17.294 ug/ml
18) T n-Dotriacontane (C32)	17.398	2451315	18.163 ug/ml
19) T n-Tetratriacontane (C34)	18.161	2393242	19.082 ug/ml
20) T n-Hexatriacontane (C36)	18.881	2417853	19.780 ug/ml
21) T n-Octatriacontane (C38)	19.563	2360248	19.998 ug/mlm
22) T n-Tetracontane (C40)	20.208	2307002	20.044 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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