

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061066.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2022 08:24
 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 08/11/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: autoint1.e
 Quant Time: Aug 11 08:50:30 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)	10.635	3177244	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	11.998	2556150	19.255 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	2.635	2873736	20.404 ug/ml
2) T n-Decane (C10)	3.628	2906605	20.605 ug/ml
3) T A~Naphthalene (C11.7)	5.172	3082191	21.683 ug/ml
4) T n-Dodecane (C12)	5.572	3058918	20.638 ug/ml
5) T A~2-methylnaphthalene...	6.195	3021927	22.034 ug/ml
6) T n-Tetradecane (C14)	7.320	3065260	20.417 ug/ml
7) T n-Hexadecane (C16)	8.879	3112217	20.337 ug/ml
8) T n-Octadecane (C18)	10.285	3127280	20.027 ug/ml
10) T n-Eicosane (C20)	11.562	3080280	19.628 ug/ml
11) T n-Heneicosane (C21)	12.159	3038664	19.420 ug/ml
13) T n-Docosane (C22)	12.730	2986357	19.154 ug/ml
14) T n-Tetracosane (C24)	13.806	2848780	18.660 ug/ml
15) T n-Hexacosane (C26)	14.801	2706217	18.129 ug/ml
16) T n-Octacosane (C28)	15.729	2593394	18.099 ug/ml
17) T n-Tricontane (C30)	16.594	2627864	18.770 ug/ml
18) T n-Dotriacontane (C32)	17.405	2667698	19.766 ug/ml
19) T n-Tetratriacontane (C34)	18.169	2600144	20.732 ug/mlm
20) T n-Hexatriacontane (C36)	18.889	2693619	22.036 ug/ml
21) T n-Octatriacontane (C38)	19.570	2657361	22.515 ug/mlm
22) T n-Tetracontane (C40)	20.216	2544828	22.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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