

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091322AL\
 Data File : FC061488.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2022 19:12
 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 09/14/2022
 Supervised By :Ankita Jodhani 09/14/2022

Integration File: sample.E
 Quant Time: Sep 14 06:49:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.572	3262724	18.431 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
12) S 1-chlorooctadecane (S...	13.010	2575773	18.392 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T n-Nonane (C9)	3.324	3102339	20.520 ug/ml
2) T n-Decane (C10)	4.394	3110979	20.502 ug/ml
3) T A~Naphthalene (C11.7)	5.979	3484818	20.132 ug/ml
4) T n-Dodecane (C12)	6.413	3131479	20.220 ug/ml
5) T A~2-methylnaphthalene...	7.035	3503132	19.895 ug/ml
6) T n-Tetradecane (C14)	8.211	3109878	19.882 ug/ml
7) T n-Hexadecane (C16)	9.814	3072030	19.613 ug/ml
8) T n-Octadecane (C18)	11.257	3041570	19.279 ug/ml
10) T n-Eicosane (C20)	12.566	2918218	18.772 ug/ml
11) T n-Heneicosane (C21)	13.178	2889029	18.470 ug/ml
13) T n-Docosane (C22)	13.765	2827619	18.222 ug/ml
14) T n-Tetracosane (C24)	14.867	2736795	17.691 ug/ml
15) T n-Hexacosane (C26)	15.888	2622363	17.424 ug/ml
16) T n-Octacosane (C28)	16.837	2551523	17.274 ug/ml
17) T n-Tricontane (C30)	17.724	2419707	17.519 ug/ml
18) T n-Dotriacontane (C32)	18.555	1988123	18.113 ug/ml
19) T n-Tetratriacontane (C34)	19.338	1462417	18.946 ug/ml
20) T n-Hexatriacontane (C36)	20.078	1138039	20.157 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1015321	21.886 ug/ml
22) T n-Tetracontane (C40)	21.719	998970	23.817 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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