

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082522AL\
 Data File : FC061293.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2022 10:15
 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 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: sample.E
 Quant Time: Aug 25 13:33:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.640	3185134	17.992 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	13.071	2531418	18.075 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
Target Compounds			
1) T n-Nonane (C9)	3.408	2890189	19.116 ug/ml
2) T n-Decane (C10)	4.476	2895546	19.083 ug/ml
3) T A~Naphthalene (C11.7)	6.062	3256656	18.813 ug/ml
4) T n-Dodecane (C12)	6.489	2933390	18.941 ug/ml
5) T A~2-methylnaphthalene...	7.116	3285176	18.657 ug/ml
6) T n-Tetradecane (C14)	8.282	2933496	18.754 ug/ml
7) T n-Hexadecane (C16)	9.880	2916078	18.617 ug/ml
8) T n-Octadecane (C18)	11.320	2909304	18.441 ug/ml
10) T n-Eicosane (C20)	12.627	2845250	18.302 ug/ml
11) T n-Heneicosane (C21)	13.237	2825940	18.067 ug/ml
13) T n-Docosane (C22)	13.822	2808644	18.099 ug/ml
14) T n-Tetracosane (C24)	14.924	2798995	18.093 ug/ml
15) T n-Hexacosane (C26)	15.942	2707502	17.990 ug/ml
16) T n-Octacosane (C28)	16.890	2630401	17.808 ug/ml
17) T n-Tricontane (C30)	17.776	2528347	18.306 ug/ml
18) T n-Dotriacontane (C32)	18.606	2064540	18.809 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1509092	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1142521	20.237 ug/ml
21) T n-Octatriacontane (C38)	20.868	1011496	21.804 ug/mlm
22) T n-Tetracontane (C40)	21.795	919878	21.931 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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