

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061329.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 14:28
 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 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File: autoint1.e
 Quant Time: Aug 30 04:57:44 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)	11.639	3027682	17.103 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
12) S 1-chlorooctadecane (S...	13.071	2420763	17.285 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T n-Nonane (C9)	3.404	2682667	17.744 ug/ml
2) T n-Decane (C10)	4.475	2703087	17.814 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3045496	17.594 ug/ml
4) T n-Dodecane (C12)	6.490	2745478	17.727 ug/ml
5) T A~2-methylnaphthalene...	7.116	3075267	17.465 ug/ml
6) T n-Tetradecane (C14)	8.282	2762375	17.660 ug/ml
7) T n-Hexadecane (C16)	9.880	2759342	17.617 ug/ml
8) T n-Octadecane (C18)	11.320	2773296	17.578 ug/ml
10) T n-Eicosane (C20)	12.626	2719630	17.494 ug/ml
11) T n-Heneicosane (C21)	13.237	2708968	17.319 ug/ml
13) T n-Docosane (C22)	13.822	2698039	17.386 ug/ml
14) T n-Tetracosane (C24)	14.923	2706213	17.493 ug/ml
15) T n-Hexacosane (C26)	15.942	2619466	17.405 ug/ml
16) T n-Octacosane (C28)	16.889	2557518	17.315 ug/ml
17) T n-Tricontane (C30)	17.776	2501799	18.113 ug/ml
18) T n-Dotriacontane (C32)	18.606	2086679	19.010 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1519544	19.686 ug/ml
20) T n-Hexatriacontane (C36)	20.126	1107841	19.622 ug/ml
21) T n-Octatriacontane (C38)	20.869	963522	20.769 ug/mlm
22) T n-Tetracontane (C40)	21.797	817176	19.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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