

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057060.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2021 12:53
 Operator : AJ\MA
 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 :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 13:21:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.594	2284184	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
12) S 1-chlorooctadecane (S...	13.026	1769274	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.359	2077228	20.499 ug/ml
2) T n-Decane (C10)	4.425	2095955	20.930 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2331786	20.883 ug/ml
4) T n-Dodecane (C12)	6.442	2133005	21.037 ug/ml
5) T A~2-methylnaphthalene...	7.070	2353061	21.341 ug/ml
6) T n-Tetradecane (C14)	8.235	2139856	21.120 ug/ml
7) T n-Hexadecane (C16)	9.834	2135696	20.812 ug/ml
8) T n-Octadecane (C18)	11.275	2186354	20.407 ug/ml
10) T n-Eicosane (C20)	12.581	2126307	19.880 ug/ml
11) T n-Heneicosane (C21)	13.192	2125396	19.626 ug/ml
13) T n-Docosane (C22)	13.777	2069626	19.318 ug/ml
14) T n-Tetracosane (C24)	14.877	2008254	18.551 ug/ml
15) T n-Hexacosane (C26)	15.895	1910557	17.937 ug/ml
16) T n-Octacosane (C28)	16.841	1839897	17.249 ug/ml
17) T n-Tricontane (C30)	17.725	1811865	16.999 ug/ml
18) T n-Dotriacontane (C32)	18.555	1790729	16.977 ug/mlm
19) T n-Tetratriacontane (C34)	19.334	1857438	17.879 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1808589	17.906 ug/mlm
21) T n-Octatriacontane (C38)	20.801	1691681	18.429 ug/ml
22) T n-Tetracontane (C40)	21.709	1877411	20.841 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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