

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022621AL\
 Data File : FC052177.D
 Signal(s) : FID1A.CH
 Acq On : 27 Feb 2021 1:28
 Operator : DD\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

mohammad
 3/1/2021 11:34:09 AM

Integration File: autoint1.e
 Quant Time: Mar 03 11:14:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.692	2551154	21.018 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
12) S 1-chlorooctadecane (S...	13.122	2039910	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.446	2296027	21.729 ug/ml
2) T n-Decane (C10)	4.515	2336169	21.923 ug/ml
3) T A~Naphthalene (C11.7)	6.108	2626867	21.964 ug/ml
4) T n-Dodecane (C12)	6.534	2391516	22.116 ug/ml
5) T A~2-methylnaphthalene...	7.165	2685576	22.009 ug/ml
6) T n-Tetradecane (C14)	8.328	2403806	22.135 ug/ml
7) T n-Hexadecane (C16)	9.928	2366809	21.931 ug/ml
8) T n-Octadecane (C18)	11.369	2441828	21.599 ug/ml
10) T n-Eicosane (C20)	12.676	2427049	21.133 ug/ml
11) T n-Heneicosane (C21)	13.289	2401247	20.835 ug/ml
13) T n-Docosane (C22)	13.875	2373393	20.476 ug/ml
14) T n-Tetracosane (C24)	14.977	2306266	19.695 ug/ml
15) T n-Hexacosane (C26)	15.999	2200382	18.820 ug/ml
16) T n-Octacosane (C28)	16.948	2108951	17.932 ug/ml
17) T n-Tricontane (C30)	17.837	2039576	17.255 ug/ml
18) T n-Dotriacontane (C32)	18.672	1957871	16.696 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1916359	16.546 ug/ml
20) T n-Hexatriacontane (C36)	20.209	1859088	16.709 ug/ml
21) T n-Octatriacontane (C38)	20.978	1789238	17.471 ug/ml
22) T n-Tetracontane (C40)	21.950	1782588	17.293 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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