

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072221AL\
 Data File : FC054777.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jul 2021 10:45
 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

mohammad
 7/23/2021 4:30:10 PM

Integration File: autoint1.e
 Quant Time: Jul 23 02:03:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.310	2903039	20.870 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	12.753	2305519	20.740 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.133	2376650	20.713 ug/ml
2) T n-Decane (C10)	4.184	2427422	20.888 ug/ml
3) T A~Naphthalene (C11.7)	5.749	2561113	21.286 ug/ml
4) T n-Dodecane (C12)	6.188	2485114	20.792 ug/ml
5) T A~2-methylnaphthalene...	6.801	2593669	21.238 ug/ml
6) T n-Tetradecane (C14)	7.975	2569540	20.887 ug/ml
7) T n-Hexadecane (C16)	9.570	2630358	20.865 ug/ml
8) T n-Octadecane (C18)	11.008	2729981	20.827 ug/ml
10) T n-Eicosane (C20)	12.312	2732468	20.738 ug/ml
11) T n-Heneicosane (C21)	12.923	2770037	20.799 ug/ml
13) T n-Docosane (C22)	13.507	2740080	20.691 ug/ml
14) T n-Tetracosane (C24)	14.606	2766236	20.981 ug/ml
15) T n-Hexacosane (C26)	15.625	2655008	20.642 ug/ml
16) T n-Octacosane (C28)	16.572	2563549	19.464 ug/ml
17) T n-Tricontane (C30)	17.457	2395217	16.832 ug/ml
18) T n-Dotriacontane (C32)	18.289	2251265	18.191 ug/ml
19) T n-Tetratriacontane (C34)	19.071	2064374	20.161 ug/ml
20) T n-Hexatriacontane (C36)	19.811	1994030	21.055 ug/mlm
21) T n-Octatriacontane (C38)	20.514	1955871	21.006 ug/ml
22) T n-Tetracontane (C40)	21.326	2216114	22.833 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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