

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090221AL\
 Data File : FD038768.D
 Signal(s) : FID2B.CH
 Acq On : 03 Sep 2021 9:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:07:46 AM

Integration File: autoint1.e
 Quant Time: Sep 03 09:32:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.685	2792162	18.996 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
12) S 1-chlorooctadecane (S...	13.112	2183196	18.769 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.442	2599096	20.407 ug/ml
2) T n-Decane (C10)	4.513	2652057	20.475 ug/ml
3) T A~Naphthalene (C11.7)	6.106	2973399	20.418 ug/ml
4) T n-Dodecane (C12)	6.530	2672828	20.348 ug/ml
5) T A~2-methylnaphthalene...	7.161	2994830	20.248 ug/ml
6) T n-Tetradecane (C14)	8.323	2705612	20.074 ug/ml
7) T n-Hexadecane (C16)	9.921	2693879	19.703 ug/ml
8) T n-Octadecane (C18)	11.361	2707778	19.376 ug/ml
10) T n-Eicosane (C20)	12.667	2622111	19.017 ug/ml
11) T n-Heneicosane (C21)	13.277	2615078	18.816 ug/ml
13) T n-Docosane (C22)	13.862	2533195	18.594 ug/ml
14) T n-Tetracosane (C24)	14.961	2450485	18.342 ug/ml
15) T n-Hexacosane (C26)	15.978	2311327	18.226 ug/ml
16) T n-Octacosane (C28)	16.924	2229500	18.438 ug/ml
17) T n-Tricontane (C30)	17.809	2207240	19.242 ug/ml
18) T n-Dotriacontane (C32)	18.639	2156499	19.940 ug/ml
19) T n-Tetratriacontane (C34)	19.419	2076513	19.946 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1980394	20.198 ug/ml
21) T n-Octatriacontane (C38)	20.899	2049742	21.739 ug/ml
22) T n-Tetracontane (C40)	21.830	2360814	24.934 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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