

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060222AL\
 Data File : FE035854.D
 Signal(s) : FID1B.CH
 Acq On : 02 Jun 2022 9:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: autoint1.e
 Quant Time: Jun 02 09:47:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 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)	10.955	2585570	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	12.386	1987343	18.999 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T n-Nonane (C9)	2.804	2525746	21.148 ug/ml
2) T n-Decane (C10)	3.818	2489897	21.041 ug/ml
3) T A~Naphthalene (C11.7)	5.386	2708200	20.267 ug/ml
4) T n-Dodecane (C12)	5.808	2490979	20.792 ug/ml
5) T A~2-methylnaphthalene...	6.435	2704046	19.996 ug/ml
6) T n-Tetradecane (C14)	7.597	2431127	20.397 ug/ml
7) T n-Hexadecane (C16)	9.195	2384425	19.997 ug/ml
8) T n-Octadecane (C18)	10.633	2357626	19.667 ug/ml
10) T n-Eicosane (C20)	11.941	2304656	19.318 ug/ml
11) T n-Heneicosane (C21)	12.552	2304105	19.190 ug/ml
13) T n-Docosane (C22)	13.137	2293202	19.042 ug/ml
14) T n-Tetracosane (C24)	14.238	2312590	19.112 ug/ml
15) T n-Hexacosane (C26)	15.257	2287143	18.900 ug/ml
16) T n-Octacosane (C28)	16.205	2290402	18.898 ug/ml
17) T n-Tricontane (C30)	17.091	2264728	18.835 ug/ml
18) T n-Dotriacontane (C32)	17.921	2171192	18.893 ug/ml
19) T n-Tetratriacontane (C34)	18.702	2087875	19.301 ug/mlm
20) T n-Hexatriacontane (C36)	19.442	1994828	19.803 ug/mlm
21) T n-Octatriacontane (C38)	20.179	1966521	20.640 ug/ml
22) T n-Tetracontane (C40)	21.094	2004029	21.459 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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