

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030322AL\
 Data File : FE035215.D
 Signal(s) : FID1B.CH
 Acq On : 03 Mar 2022 18:14
 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 03/04/2022
 Supervised By :Ankita Jodhani 03/04/2022

Integration File: autoint1.e
 Quant Time: Mar 04 00:46:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.361	2755991	19.898 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	12.795	2151451	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.183	2304868	20.073 ug/ml
2) T n-Decane (C10)	4.237	2295542	20.149 ug/ml
3) T A~Naphthalene (C11.7)	5.802	2563686	20.185 ug/ml
4) T n-Dodecane (C12)	6.242	2364922	20.114 ug/ml
5) T A~2-methylnaphthalene...	6.851	2589638	20.273 ug/ml
6) T n-Tetradecane (C14)	8.027	2404080	20.145 ug/ml
7) T n-Hexadecane (C16)	9.619	2463875	20.223 ug/ml
8) T n-Octadecane (C18)	11.054	2505840	19.990 ug/ml
10) T n-Eicosane (C20)	12.356	2510635	19.855 ug/ml
11) T n-Heneicosane (C21)	12.964	2525752	19.833 ug/ml
13) T n-Docosane (C22)	13.547	2505644	19.732 ug/ml
14) T n-Tetracosane (C24)	14.645	2485924	19.628 ug/ml
15) T n-Hexacosane (C26)	15.659	2436058	19.646 ug/ml
16) T n-Octacosane (C28)	16.604	2375851	19.822 ug/ml
17) T n-Tricontane (C30)	17.486	2309497	20.390 ug/ml
18) T n-Dotriacontane (C32)	18.314	2126447	20.882 ug/ml
19) T n-Tetratriacontane (C34)	19.093	1877850	21.046 ug/ml
20) T n-Hexatriacontane (C36)	19.830	1586093	20.893 ug/ml
21) T n-Octatriacontane (C38)	20.530	1462394	22.146 ug/ml
22) T n-Tetracontane (C40)	21.341	1377341	22.518 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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