

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035136.D
 Signal(s) : FID1B.CH
 Acq On : 22 Feb 2022 8:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: sample.E
 Quant Time: Feb 22 09:08:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:24:23 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)	11.732	20848092	20.894 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
12) S 1-chlorooctadecane (S...	13.149	16768718	21.592 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
Target Compounds			
1) T n-Nonane (C9)	3.628	16575776	20.197 ug/ml
2) T n-Decane (C10)	4.617	17789254	21.006 ug/ml
3) T A~Naphthalene (C11.7)	6.169	19455326	20.618 ug/ml
4) T n-Dodecane (C12)	6.588	18539251	21.110 ug/ml
5) T A~2-methylnaphthalene...	7.217	19513741	20.489 ug/ml
6) T n-Tetradecane (C14)	8.369	18585786	21.141 ug/ml
7) T n-Hexadecane (C16)	9.963	18706008	20.990 ug/ml
8) T n-Octadecane (C18)	11.402	18782451	20.821 ug/ml
10) T n-Eicosane (C20)	12.704	18878816	21.041 ug/ml
11) T n-Heneicosane (C21)	13.315	18852790	20.959 ug/ml
13) T n-Docosane (C22)	13.898	18599996	20.770 ug/ml
14) T n-Tetracosane (C24)	14.996	18196329	20.663 ug/ml
15) T n-Hexacosane (C26)	16.012	16984255	20.127 ug/ml
16) T n-Octacosane (C28)	16.956	15140784	19.284 ug/ml
17) T n-Tricontane (C30)	17.837	12526559	17.982 ug/ml
18) T n-Dotriacontane (C32)	18.663	9509283	16.847 ug/ml
19) T n-Tetratriacontane (C34)	19.440	6332641	15.198 ug/ml
20) T n-Hexatriacontane (C36)	20.174	4282814	15.276 ug/ml
21) T n-Octatriacontane (C38)	20.920	2637318	14.404 ug/ml
22) T n-Tetracontane (C40)	21.849	1876530	15.062 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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