

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040658.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 08:30
 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 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File: autoint1.e
 Quant Time: Mar 03 08:54:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.883	3490238	18.683 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
12) S 1-chlorooctadecane (S...	13.322	2702624	18.260 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.278	3157631	20.521 ug/ml
2) T n-Decane (C10)	4.525	3106915	20.651 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3411162	20.565 ug/ml
4) T n-Dodecane (C12)	6.689	3158199	20.630 ug/ml
5) T A~2-methylnaphthalene...	7.323	3203452	21.167 ug/ml
6) T n-Tetradecane (C14)	8.517	3174278	20.538 ug/ml
7) T n-Hexadecane (C16)	10.125	3258554	20.174 ug/ml
8) T n-Octadecane (C18)	11.567	3290745	19.381 ug/ml
10) T n-Eicosane (C20)	12.877	3171548	18.748 ug/ml
11) T n-Heneicosane (C21)	13.490	3158241	18.430 ug/ml
13) T n-Docosane (C22)	14.076	3102938	18.113 ug/ml
14) T n-Tetracosane (C24)	15.181	3014039	17.484 ug/ml
15) T n-Hexacosane (C26)	16.202	2898748	17.055 ug/ml
16) T n-Octacosane (C28)	17.153	2867439	17.098 ug/ml
17) T n-Tricontane (C30)	18.041	2889120	17.694 ug/mlm
18) T n-Dotriacontane (C32)	18.875	2945460	17.210 ug/ml
19) T n-Tetratriacontane (C34)	19.660	2840310	18.371 ug/ml
20) T n-Hexatriacontane (C36)	20.402	2713790	18.680 ug/ml
21) T n-Octatriacontane (C38)	21.132	2680967	19.504 ug/mlm
22) T n-Tetracontane (C40)	22.029	2762860	17.880 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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