

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010623AL\
 Data File : FE039669.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2023 11:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2023
 Supervised By :Ankita Jodhani 01/09/2023

Integration File: autoint1.e
 Quant Time: Jan 09 02:38:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.920	2650306	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	13.357	2047394	17.788 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.303	2051627	15.872 ug/ml
2) T n-Decane (C10)	4.557	2083538	16.352 ug/ml
3) T A~Naphthalene (C11.7)	6.263	2391418	16.543 ug/ml
4) T n-Dodecane (C12)	6.725	2128842	16.398 ug/ml
5) T A~2-methylnaphthalene...	7.359	2250052	16.614 ug/ml
6) T n-Tetradecane (C14)	8.552	2203045	16.625 ug/ml
7) T n-Hexadecane (C16)	10.159	2335799	16.979 ug/ml
8) T n-Octadecane (C18)	11.602	2447695	17.476 ug/ml
10) T n-Eicosane (C20)	12.911	2460596	18.025 ug/ml
11) T n-Heneicosane (C21)	13.523	2444727	17.924 ug/mlm
13) T n-Docosane (C22)	14.111	2581267	19.082 ug/ml
14) T n-Tetracosane (C24)	15.213	2808734	20.923 ug/ml
15) T n-Hexacosane (C26)	16.234	2946796	22.631 ug/ml
16) T n-Octacosane (C28)	17.184	3092972	24.032 ug/ml
17) T n-Tricontane (C30)	18.071	3197856	24.838 ug/mlm
18) T n-Dotriacontane (C32)	18.904	3104207	23.971 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2686246	21.292 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2364564	19.555 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2278857	18.453 ug/ml
22) T n-Tetracontane (C40)	22.074	2235883	17.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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