

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052424AL\
 Data File : FE048385.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 12:29
 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 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 25 01:03:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.955	2574519	17.846 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
12) S 1-chlorooctadecane (S...	13.389	1974214	17.668 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
Target Compounds			
1) T n-Nonane (C9)	3.341	2385496	18.510 ug/ml
2) T n-Decane (C10)	4.590	2591100	19.681 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2547037	18.446 ug/ml
4) T n-Dodecane (C12)	6.756	2577002	19.331 ug/ml
5) T A~2-methylnaphthalene...	7.393	2422590	18.205 ug/ml
6) T n-Tetradecane (C14)	8.584	2504545	18.899 ug/ml
7) T n-Hexadecane (C16)	10.192	2525642	18.364 ug/ml
8) T n-Octadecane (C18)	11.635	2512200	18.035 ug/ml
10) T n-Eicosane (C20)	12.944	2409153	17.893 ug/ml
11) T n-Heneicosane (C21)	13.555	2349126	17.746 ug/ml
13) T n-Docosane (C22)	14.142	2404827	18.147 ug/ml
14) T n-Tetracosane (C24)	15.244	2542673	19.096 ug/ml
15) T n-Hexacosane (C26)	16.263	2655221	19.898 ug/ml
16) T n-Octacosane (C28)	17.212	2850269	21.407 ug/ml
17) T n-Tricontane (C30)	18.100	3220162	23.332 ug/ml
18) T n-Dotriacontane (C32)	18.932	3337641	24.164 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3061040	22.471 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2845179	21.013 ug/ml
21) T n-Octatriacontane (C38)	21.191	2741367	19.855 ug/mlm
22) T n-Tetracontane (C40)	22.112	2661687	19.105 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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