

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020924AL\
 Data File : FE046663.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2024 08:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Ankita Jodhani 02/12/2024
 Supervised By :Sohil Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 10 03:52:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.812	3350290	18.119 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	13.253	2534491	17.814 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.200	3193273	19.769 ug/mlm
2) T n-Decane (C10)	4.451	3271592	19.963 ug/ml
3) T A~Naphthalene (C11.7)	6.156	3377466	19.751 ug/ml
4) T n-Dodecane (C12)	6.619	3302414	19.965 ug/ml
5) T A~2-methylnaphthalene...	7.252	3143766	19.711 ug/ml
6) T n-Tetradecane (C14)	8.444	3230770	19.712 ug/ml
7) T n-Hexadecane (C16)	10.053	3282970	19.212 ug/ml
8) T n-Octadecane (C18)	11.498	3260732	18.703 ug/ml
10) T n-Eicosane (C20)	12.808	3079928	18.140 ug/ml
11) T n-Heneicosane (C21)	13.420	2992084	17.939 ug/ml
13) T n-Docosane (C22)	14.008	2972810	17.944 ug/ml
14) T n-Tetracosane (C24)	15.111	2934144	17.782 ug/ml
15) T n-Hexacosane (C26)	16.133	2883172	17.863 ug/ml
16) T n-Octacosane (C28)	17.085	2864480	18.247 ug/ml
17) T n-Tricontane (C30)	17.972	2927823	18.692 ug/ml
18) T n-Dotriacontane (C32)	18.808	2874446	19.016 ug/ml
19) T n-Tetratriacontane (C34)	19.592	2768497	19.519 ug/mlm
20) T n-Hexatriacontane (C36)	20.336	2703934	19.616 ug/mlm
21) T n-Octatriacontane (C38)	21.061	2970679	23.173 ug/ml
22) T n-Tetracontane (C40)	21.947	2563895	20.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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