

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051755.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 09:29
 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 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 26 10:52:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.025	2901180	18.071 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
12) S 1-chlorooctadecane (S...	13.447	2178031	17.266 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
Target Compounds			
1) T n-Nonane (C9)	3.486	2222108	18.545 ug/ml
2) T n-Decane (C10)	4.720	2313244	18.605 ug/ml
3) T A~Naphthalene (C11.7)	6.410	2677540	18.790 ug/ml
4) T n-Dodecane (C12)	6.859	2415925	18.567 ug/ml
5) T A~2-methylnaphthalene...	7.494	2630625	18.588 ug/ml
6) T n-Tetradecane (C14)	8.672	2480992	18.504 ug/ml
7) T n-Hexadecane (C16)	10.268	2623732	18.359 ug/ml
8) T n-Octadecane (C18)	11.703	2693043	18.269 ug/ml
10) T n-Eicosane (C20)	13.005	2603552	18.097 ug/ml
11) T n-Heneicosane (C21)	13.613	2556087	17.987 ug/ml
13) T n-Docosane (C22)	14.196	2547199	18.067 ug/ml
14) T n-Tetracosane (C24)	15.291	2537890	18.190 ug/ml
15) T n-Hexacosane (C26)	16.306	2466782	18.308 ug/ml
16) T n-Octacosane (C28)	17.249	2421740	18.616 ug/ml
17) T n-Tricontane (C30)	18.131	2462361	18.606 ug/ml
18) T n-Dotriacontane (C32)	18.958	2355659	18.790 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2110700	19.184 ug/ml
20) T n-Hexatriacontane (C36)	20.472	1747214	18.198 ug/ml
21) T n-Octatriacontane (C38)	21.215	1639723	18.210 ug/ml
22) T n-Tetracontane (C40)	22.145	1467873	15.039 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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