

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121924AL\
 Data File : FC068056.D
 Signal(s) : FID1A.ch
 Acq On : 19 Dec 2024 21:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2024
 Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e
 Quant Time: Dec 20 00:43:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.426	2924682	16.914 ug/ml
Spiked Amount 50.000		Recovery =	33.83%
12) S 1-chlorooctadecane (S...	12.868	2182193	17.103 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
Target Compounds			
1) T n-Nonane (C9)	3.219	2626317	16.904 ug/ml
2) T n-Decane (C10)	4.279	2687302	16.952 ug/ml
3) T A~Naphthalene (C11.7)	5.850	2962708	16.971 ug/ml
4) T n-Dodecane (C12)	6.291	2716679	16.872 ug/ml
5) T A~2-methylnaphthalene...	6.905	2862065	17.082 ug/ml
6) T n-Tetradecane (C14)	8.083	2701749	16.992 ug/ml
7) T n-Hexadecane (C16)	9.680	2760420	17.087 ug/ml
8) T n-Octadecane (C18)	11.120	2744254	17.094 ug/ml
10) T n-Eicosane (C20)	12.427	2574897	17.117 ug/ml
11) T n-Heneicosane (C21)	13.038	2502762	17.129 ug/ml
13) T n-Docosane (C22)	13.623	2469328	17.250 ug/ml
14) T n-Tetracosane (C24)	14.724	2425872	17.459 ug/ml
15) T n-Hexacosane (C26)	15.743	2367552	17.704 ug/ml
16) T n-Octacosane (C28)	16.692	2444873	18.849 ug/ml
17) T n-Tricontane (C30)	17.578	2688195	20.751 ug/ml
18) T n-Dotriacontane (C32)	18.409	2720584	21.960 ug/ml
19) T n-Tetratriacontane (C34)	19.192	2360095	21.623 ug/ml
20) T n-Hexatriacontane (C36)	19.930	1960749	20.725 ug/ml
21) T n-Octatriacontane (C38)	20.644	1823689	20.160 ug/ml
22) T n-Tetracontane (C40)	21.508	1805155	20.481 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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