

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013391.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 28 22:19:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 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)	11.892	2396724	17.444 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
12) S 1-chlorooctadecane (S...	13.331	1832126	17.483 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.274	1814789	16.984 ug/mlm
2) T n-Decane (C10)	4.530	1839884	17.169 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2036947	17.206 ug/ml
4) T n-Dodecane (C12)	6.697	1874618	17.324 ug/ml
5) T A~2-methylnaphthalene...	7.327	2045363	17.256 ug/ml
6) T n-Tetradecane (C14)	8.524	1886643	17.478 ug/ml
7) T n-Hexadecane (C16)	10.133	1915756	17.673 ug/ml
8) T n-Octadecane (C18)	11.576	1936177	17.682 ug/ml
10) T n-Eicosane (C20)	12.887	1942164	17.699 ug/ml
11) T n-Heneicosane (C21)	13.498	1928879	17.557 ug/ml
13) T n-Docosane (C22)	14.084	1948682	17.749 ug/ml
14) T n-Tetracosane (C24)	15.188	1980120	18.023 ug/mlm
15) T n-Hexacosane (C26)	16.211	1971559	18.039 ug/ml
16) T n-Octacosane (C28)	17.159	1978505	18.324 ug/ml
17) T n-Tricontane (C30)	18.047	2058342	18.822 ug/ml
18) T n-Dotriacontane (C32)	18.879	2065872	18.289 ug/ml
19) T n-Tetratriacontane (C34)	19.662	1887569	17.770 ug/ml
20) T n-Hexatriacontane (C36)	20.400	1850144	17.553 ug/ml
21) T n-Octatriacontane (C38)	21.130	1873763	18.552 ug/ml
22) T n-Tetracontane (C40)	22.027	2049356	20.619 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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