

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064786.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 11:03
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 10 11:40:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 11:40:16 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)	11.522	2301718	10.855 ug/ml
Spiked Amount 50.000		Recovery =	21.71%
12) S 1-chlorooctadecane (S...	12.954	1611806	10.735 ug/ml
Spiked Amount 50.000		Recovery =	21.47%
Target Compounds			
1) T n-Nonane (C9)	3.321	1995053	10.858 ug/ml
2) T n-Decane (C10)	4.381	1976877	10.757 ug/ml
3) T A~Naphthalene (C11.7)	5.968	1948379	10.131 ug/ml
4) T n-Dodecane (C12)	6.391	2027480	10.879 ug/ml
5) T A~2-methylnaphthalene...	7.022	1772986	9.803 ug/mlm
6) T n-Tetradecane (C14)	8.179	1936495	10.756 ug/ml
7) T n-Hexadecane (C16)	9.773	1914901	10.718 ug/ml
8) T n-Octadecane (C18)	11.208	1941562	10.883 ug/ml
10) T n-Eicosane (C20)	12.511	1864335	10.924 ug/ml
11) T n-Heneicosane (C21)	13.120	1833204	10.955 ug/ml
13) T n-Docosane (C22)	13.703	1775292	10.871 ug/ml
14) T n-Tetracosane (C24)	14.802	1713867	10.869 ug/ml
15) T n-Hexacosane (C26)	15.818	1646936	10.868 ug/ml
16) T n-Octacosane (C28)	16.763	1582940	10.871 ug/ml
17) T n-Tricontane (C30)	17.646	1571459	10.903 ug/ml
18) T n-Dotriacontane (C32)	18.477	1554029	10.956 ug/ml
19) T n-Tetratriacontane (C34)	19.255	1518856	10.968 ug/ml
20) T n-Hexatriacontane (C36)	19.991	1507714	10.998 ug/ml
21) T n-Octatriacontane (C38)	20.714	1406500	10.682 ug/ml
22) T n-Tetracontane (C40)	21.595	1343630	10.774 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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