

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
 Data File : FE046022.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 01:05
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :Ankita Jodhani 12/29/2023

Integration File: sample.E
 Quant Time: Dec 29 03:41:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:41:02 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)	11.839	1954488	10.511 ug/ml
Spiked Amount 50.000		Recovery =	21.02%
12) S 1-chlorooctadecane (S...	13.283	1431423	10.447 ug/ml
Spiked Amount 50.000		Recovery =	20.89%
Target Compounds			
1) T n-Nonane (C9)	3.223	1625019	10.352 ug/ml
2) T n-Decane (C10)	4.474	1648410	10.330 ug/ml
3) T A~Naphthalene (C11.7)	6.177	1752628	10.122 ug/ml
4) T n-Dodecane (C12)	6.642	1655008	10.269 ug/ml
5) T A~2-methylnaphthalene...	7.274	1655175	9.902 ug/ml
6) T n-Tetradecane (C14)	8.469	1659165	10.365 ug/ml
7) T n-Hexadecane (C16)	10.080	1688369	10.422 ug/ml
8) T n-Octadecane (C18)	11.525	1688027	10.503 ug/ml
10) T n-Eicosane (C20)	12.837	1623341	10.557 ug/ml
11) T n-Heneicosane (C21)	13.451	1578694	10.530 ug/ml
13) T n-Docosane (C22)	14.039	1560628	10.572 ug/ml
14) T n-Tetracosane (C24)	15.145	1535532	10.638 ug/ml
15) T n-Hexacosane (C26)	16.169	1499605	10.640 ug/ml
16) T n-Octacosane (C28)	17.122	1491981	10.727 ug/ml
17) T n-Tricontane (C30)	18.014	1534661	10.794 ug/mlm
18) T n-Dotriacontane (C32)	18.850	1560858	10.878 ug/ml
19) T n-Tetratriacontane (C34)	19.634	1526606	10.777 ug/ml
20) T n-Hexatriacontane (C36)	20.381	1558153	10.569 ug/ml
21) T n-Octatriacontane (C38)	21.117	1585351	10.654 ug/ml
22) T n-Tetracontane (C40)	22.021	1625628	10.387 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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