

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100124AL\
 Data File : FE050462.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2024 20:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: sample.E
 Quant Time: Oct 02 01:14:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.863	2439926	16.400 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
12) S 1-chlorooctadecane (S...	13.297	1859131	16.551 ug/ml
Spiked Amount 50.000		Recovery =	33.10%
Target Compounds			
1) T n-Nonane (C9)	3.253	2147627	15.844 ug/ml
2) T n-Decane (C10)	4.503	2255048	16.340 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2273239	16.241 ug/ml
4) T n-Dodecane (C12)	6.670	2257033	16.322 ug/mlm
5) T A~2-methylnaphthalene...	7.309	2116399	16.102 ug/ml
6) T n-Tetradecane (C14)	8.497	2244017	16.479 ug/ml
7) T n-Hexadecane (C16)	10.102	2338868	16.838 ug/ml
8) T n-Octadecane (C18)	11.544	2377322	16.969 ug/ml
10) T n-Eicosane (C20)	12.851	2279293	16.991 ug/mlm
11) T n-Heneicosane (C21)	13.462	2235286	17.012 ug/ml
13) T n-Docosane (C22)	14.047	2235060	17.164 ug/ml
14) T n-Tetracosane (C24)	15.148	2271301	17.393 ug/ml
15) T n-Hexacosane (C26)	16.168	2268935	17.734 ug/mlm
16) T n-Octacosane (C28)	17.117	2395274	18.596 ug/ml
17) T n-Tricontane (C30)	18.003	2658481	19.881 ug/ml
18) T n-Dotriacontane (C32)	18.833	2782137	20.878 ug/mlm
19) T n-Tetratriacontane (C34)	19.616	2706883	21.907 ug/ml
20) T n-Hexatriacontane (C36)	20.356	2507041	22.596 ug/ml
21) T n-Octatriacontane (C38)	21.081	2425749	21.996 ug/mlm
22) T n-Tetracontane (C40)	21.965	2157338	19.826 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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