

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110824AL\
 Data File : FE051103.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2024 01:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 02:05:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.852	3238964	21.579 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
12) S 1-chlorooctadecane (S...	13.285	2474800	21.798 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
Target Compounds			
1) T n-Nonane (C9)	3.240	3066173	22.159 ug/ml
2) T n-Decane (C10)	4.491	3107767	22.170 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2971207	22.535 ug/ml
4) T n-Dodecane (C12)	6.658	3109964	22.026 ug/ml
5) T A~2-methylnaphthalene...	7.300	2781417	22.235 ug/ml
6) T n-Tetradecane (C14)	8.485	3050755	21.891 ug/ml
7) T n-Hexadecane (C16)	10.091	3086156	21.748 ug/ml
8) T n-Octadecane (C18)	11.532	3081066	21.575 ug/ml
10) T n-Eicosane (C20)	12.839	2946117	21.527 ug/ml
11) T n-Heneicosane (C21)	13.450	2876342	21.522 ug/ml
13) T n-Docosane (C22)	14.036	2881371	21.673 ug/mlm
14) T n-Tetracosane (C24)	15.137	2910453	21.940 ug/ml
15) T n-Hexacosane (C26)	16.157	2927117	21.865 ug/ml
16) T n-Octacosane (C28)	17.105	2944817	21.601 ug/ml
17) T n-Tricontane (C30)	17.992	3076690	21.177 ug/ml
18) T n-Dotriacontane (C32)	18.824	3139758	21.146 ug/ml
19) T n-Tetratriacontane (C34)	19.607	2794090	20.795 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2631216	22.052 ug/ml
21) T n-Octatriacontane (C38)	21.069	2148792	18.880 ug/ml
22) T n-Tetracontane (C40)	21.950	1810445	16.278 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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