

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE051020.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2024 02:26
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E
 Quant Time: Nov 05 03:50:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.851	2879950	18.267 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	13.285	2334750	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.240	2752282	19.480 ug/ml
2) T n-Decane (C10)	4.491	2871033	20.011 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2700017	18.882 ug/ml
4) T n-Dodecane (C12)	6.659	2871866	19.953 ug/ml
5) T A~2-methylnaphthalene...	7.299	2508461	18.935 ug/ml
6) T n-Tetradecane (C14)	8.485	2836097	19.824 ug/ml
7) T n-Hexadecane (C16)	10.090	2921828	19.853 ug/ml
8) T n-Octadecane (C18)	11.531	2952374	19.766 ug/ml
10) T n-Eicosane (C20)	12.838	2849981	19.874 ug/ml
11) T n-Heneicosane (C21)	13.450	2767745	19.709 ug/ml
13) T n-Docosane (C22)	14.035	2872801	20.477 ug/ml
14) T n-Tetracosane (C24)	15.137	3076456	21.776 ug/mlm
15) T n-Hexacosane (C26)	16.155	3217184	22.863 ug/mlm
16) T n-Octacosane (C28)	17.104	3528819	24.115 ug/ml
17) T n-Tricontane (C30)	17.991	3972518	24.984 ug/mlm
18) T n-Dotriacontane (C32)	18.823	4079376	25.164 ug/ml
19) T n-Tetratriacontane (C34)	19.605	3532214	24.046 ug/ml
20) T n-Hexatriacontane (C36)	20.343	2863747	22.582 ug/mlm
21) T n-Octatriacontane (C38)	21.068	2403490	19.438 ug/ml
22) T n-Tetracontane (C40)	21.949	2007614	18.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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