

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110524AL\
 Data File : FE051023.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2024 10:07
 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: autoint1.e
 Quant Time: Nov 05 12:10:16 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)	11.852	2697442	17.110 ug/mlm
Spiked Amount 50.000		Recovery =	34.22%
12) S 1-chlorooctadecane (S...	13.285	2033656	17.192 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
Target Compounds			
1) T n-Nonane (C9)	3.240	2535374	17.944 ug/ml
2) T n-Decane (C10)	4.491	2557731	17.827 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2423816	16.951 ug/ml
4) T n-Dodecane (C12)	6.660	2572413	17.872 ug/ml
5) T A~2-methylnaphthalene...	7.300	2232685	16.853 ug/ml
6) T n-Tetradecane (C14)	8.485	2520337	17.616 ug/ml
7) T n-Hexadecane (C16)	10.091	2562432	17.411 ug/ml
8) T n-Octadecane (C18)	11.532	2577950	17.259 ug/ml
10) T n-Eicosane (C20)	12.839	2461266	17.164 ug/ml
11) T n-Heneicosane (C21)	13.449	2407132	17.141 ug/ml
13) T n-Docosane (C22)	14.034	2386011	17.007 ug/ml
14) T n-Tetracosane (C24)	15.136	2378062	16.833 ug/mlm
15) T n-Hexacosane (C26)	16.157	2377700	16.897 ug/mlm
16) T n-Octacosane (C28)	17.105	2375801	16.236 ug/ml
17) T n-Tricontane (C30)	17.991	2459221	15.467 ug/ml
18) T n-Dotriacontane (C32)	18.822	2481058	15.304 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2257677	15.370 ug/ml
20) T n-Hexatriacontane (C36)	20.344	2183769	17.220 ug/mlm
21) T n-Octatriacontane (C38)	21.067	1916243	15.498 ug/ml
22) T n-Tetracontane (C40)	21.948	1763550	15.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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