

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045176.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 14:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 03 23:03:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.888	3834828	19.130 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	13.330	2776596	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.274	3210656	19.139 ug/ml
2) T n-Decane (C10)	4.525	3353672	19.687 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3573677	19.305 ug/ml
4) T n-Dodecane (C12)	6.691	3356947	19.447 ug/ml
5) T A~2-methylnaphthalene...	7.322	3429666	19.012 ug/ml
6) T n-Tetradecane (C14)	8.518	3314647	19.330 ug/ml
7) T n-Hexadecane (C16)	10.129	3371025	19.277 ug/ml
8) T n-Octadecane (C18)	11.574	3356021	19.242 ug/ml
10) T n-Eicosane (C20)	12.885	3188828	19.091 ug/ml
11) T n-Heneicosane (C21)	13.499	3095343	18.988 ug/ml
13) T n-Docosane (C22)	14.086	3049094	19.062 ug/ml
14) T n-Tetracosane (C24)	15.191	3033272	19.545 ug/ml
15) T n-Hexacosane (C26)	16.214	2945505	19.619 ug/ml
16) T n-Octacosane (C28)	17.167	2982735	20.312 ug/ml
17) T n-Tricontane (C30)	18.058	3217191	21.631 ug/ml
18) T n-Dotriacontane (C32)	18.890	3339449	22.249 ug/ml
19) T n-Tetratriacontane (C34)	19.678	3310373	22.238 ug/mlm
20) T n-Hexatriacontane (C36)	20.418	3296589	21.443 ug/ml
21) T n-Octatriacontane (C38)	21.157	3300746	21.130 ug/mlm
22) T n-Tetracontane (C40)	22.071	3275253	19.598 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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