

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045562.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 20:18
 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 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File: autoint1.e
 Quant Time: Nov 28 23:07:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.866	3789802	19.849 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
12) S 1-chlorooctadecane (S...	13.308	2718838	19.739 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.254	3267220	19.777 ug/ml
2) T n-Decane (C10)	4.505	3348701	19.971 ug/ml
3) T A~Naphthalene (C11.7)	6.205	3513785	19.685 ug/ml
4) T n-Dodecane (C12)	6.671	3368749	19.947 ug/ml
5) T A~2-methylnaphthalene...	7.301	3371607	19.635 ug/ml
6) T n-Tetradecane (C14)	8.498	3305636	19.834 ug/ml
7) T n-Hexadecane (C16)	10.108	3324350	19.764 ug/ml
8) T n-Octadecane (C18)	11.552	3301532	19.726 ug/ml
10) T n-Eicosane (C20)	12.864	3140825	19.827 ug/ml
11) T n-Heneicosane (C21)	13.476	3051233	19.844 ug/ml
13) T n-Docosane (C22)	14.063	3016665	19.910 ug/ml
14) T n-Tetracosane (C24)	15.169	3031343	20.467 ug/ml
15) T n-Hexacosane (C26)	16.191	2970136	20.378 ug/ml
16) T n-Octacosane (C28)	17.143	3005562	20.568 ug/ml
17) T n-Tricontane (C30)	18.033	3110079	20.475 ug/ml
18) T n-Dotriacontane (C32)	18.867	3162203	20.242 ug/mlm
19) T n-Tetratriacontane (C34)	19.655	3131686	20.057 ug/mlm
20) T n-Hexatriacontane (C36)	20.394	3129316	19.279 ug/ml
21) T n-Octatriacontane (C38)	21.128	3597517	21.653 ug/mlm
22) T n-Tetracontane (C40)	22.033	2982896	17.464 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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