

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045962.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 13:48
 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 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:28:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.843	3982337	19.044 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	13.286	2933794	18.646 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.226	3310230	20.875 ug/ml
2) T n-Decane (C10)	4.478	3366862	21.025 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3642549	20.911 ug/ml
4) T n-Dodecane (C12)	6.645	3411219	21.118 ug/ml
5) T A~2-methylnaphthalene...	7.276	3530713	20.791 ug/ml
6) T n-Tetradecane (C14)	8.472	3386648	21.111 ug/ml
7) T n-Hexadecane (C16)	10.083	3452764	20.851 ug/ml
8) T n-Octadecane (C18)	11.529	3443596	20.085 ug/ml
10) T n-Eicosane (C20)	12.841	3292139	19.027 ug/ml
11) T n-Heneicosane (C21)	13.454	3216850	18.699 ug/ml
13) T n-Docosane (C22)	14.041	3156498	18.307 ug/ml
14) T n-Tetracosane (C24)	15.148	3074997	17.614 ug/ml
15) T n-Hexacosane (C26)	16.172	3002573	17.241 ug/ml
16) T n-Octacosane (C28)	17.125	2988775	17.293 ug/ml
17) T n-Tricontane (C30)	18.018	3104385	17.745 ug/ml
18) T n-Dotriacontane (C32)	18.852	3154081	17.289 ug/mlm
19) T n-Tetratriacontane (C34)	19.641	3077427	18.546 ug/ml
20) T n-Hexatriacontane (C36)	20.387	3074536	19.369 ug/ml
21) T n-Octatriacontane (C38)	21.120	3304058	21.069 ug/mlm
22) T n-Tetracontane (C40)	22.031	3353135	23.595 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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