

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
 Data File : FE047897.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 00:38
 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 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 01:22:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.975	3043414	21.096 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	13.409	2361933	21.138 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
Target Compounds			
1) T n-Nonane (C9)	3.353	2762023	21.431 ug/ml
2) T n-Decane (C10)	4.606	2820575	21.424 ug/ml
3) T A~Naphthalene (C11.7)	6.315	2981860	21.595 ug/ml
4) T n-Dodecane (C12)	6.773	2841019	21.311 ug/ml
5) T A~2-methylnaphthalene...	7.411	2866055	21.537 ug/ml
6) T n-Tetradecane (C14)	8.601	2809656	21.201 ug/ml
7) T n-Hexadecane (C16)	10.209	2915833	21.201 ug/ml
8) T n-Octadecane (C18)	11.653	2944392	21.138 ug/ml
10) T n-Eicosane (C20)	12.963	2832395	21.036 ug/ml
11) T n-Heneicosane (C21)	13.575	2790158	21.078 ug/ml
13) T n-Docosane (C22)	14.160	2773676	20.930 ug/ml
14) T n-Tetracosane (C24)	15.263	2761792	20.741 ug/ml
15) T n-Hexacosane (C26)	16.284	2738339	20.521 ug/ml
16) T n-Octacosane (C28)	17.233	2717553	20.410 ug/ml
17) T n-Tricontane (C30)	18.119	2873553	20.821 ug/ml
18) T n-Dotriacontane (C32)	18.952	2864103	20.735 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2857158	20.974 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3002216	22.173 ug/ml
21) T n-Octatriacontane (C38)	21.218	2825990	20.468 ug/ml
22) T n-Tetracontane (C40)	22.148	2795278	20.063 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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