

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048240.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 14:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2024
 Supervised By :Ankita Jodhani 05/20/2024

Integration File: autoint1.e
 Quant Time: May 17 23:57:05 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)	11.960	2812041	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	13.393	2160871	19.338 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	3.346	2922505	22.676 ug/ml
2) T n-Decane (C10)	4.595	2941886	22.346 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2930496	21.223 ug/ml
4) T n-Dodecane (C12)	6.761	2872148	21.545 ug/ml
5) T A~2-methylnaphthalene...	7.398	2740148	20.591 ug/ml
6) T n-Tetradecane (C14)	8.589	2744637	20.711 ug/ml
7) T n-Hexadecane (C16)	10.196	2752886	20.016 ug/ml
8) T n-Octadecane (C18)	11.639	2720429	19.530 ug/ml
10) T n-Eicosane (C20)	12.948	2600120	19.311 ug/ml
11) T n-Heneicosane (C21)	13.560	2542664	19.208 ug/ml
13) T n-Docosane (C22)	14.146	2533063	19.115 ug/ml
14) T n-Tetracosane (C24)	15.248	2547669	19.133 ug/ml
15) T n-Hexacosane (C26)	16.268	2549266	19.104 ug/ml
16) T n-Octacosane (C28)	17.217	2540740	19.082 ug/ml
17) T n-Tricontane (C30)	18.103	2624628	19.017 ug/ml
18) T n-Dotriacontane (C32)	18.935	2633040	19.063 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2628052	19.292 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2639532	19.494 ug/mlm
21) T n-Octatriacontane (C38)	21.196	2613864	18.932 ug/ml
22) T n-Tetracontane (C40)	22.119	2635507	18.917 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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