

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061024AL\
 Data File : FE048618.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2024 09:50
 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 06/11/2024
 Supervised By :Ankita Jodhani 06/11/2024

Integration File: autoint1.e
 Quant Time: Jun 10 23:26:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.944	2479867	17.270 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
12) S 1-chlorooctadecane (S...	13.379	1818262	16.690 ug/ml
Spiked Amount 50.000		Recovery =	33.38%
Target Compounds			
1) T n-Nonane (C9)	3.332	2331474	15.595 ug/ml
2) T n-Decane (C10)	4.581	2483293	16.445 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2463019	16.542 ug/ml
4) T n-Dodecane (C12)	6.747	2487452	16.804 ug/ml
5) T A~2-methylnaphthalene...	7.383	2351498	16.959 ug/ml
6) T n-Tetradecane (C14)	8.575	2426474	17.108 ug/ml
7) T n-Hexadecane (C16)	10.182	2459059	17.443 ug/ml
8) T n-Octadecane (C18)	11.625	2427666	17.480 ug/ml
10) T n-Eicosane (C20)	12.934	2295463	17.346 ug/ml
11) T n-Heneicosane (C21)	13.546	2231926	17.231 ug/ml
13) T n-Docosane (C22)	14.132	2225495	17.270 ug/ml
14) T n-Tetracosane (C24)	15.235	2287570	17.658 ug/ml
15) T n-Hexacosane (C26)	16.255	2269757	17.513 ug/ml
16) T n-Octacosane (C28)	17.204	2367800	18.319 ug/ml
17) T n-Tricontane (C30)	18.091	2605873	19.452 ug/ml
18) T n-Dotriacontane (C32)	18.923	2755937	20.303 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2696481	19.711 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2527578	18.594 ug/ml
21) T n-Octatriacontane (C38)	21.183	2390311	17.528 ug/ml
22) T n-Tetracontane (C40)	22.102	2277420	16.633 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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