

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048463.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 20:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/31/2024
 Supervised By :Ankita Jodhani 05/31/2024

Integration File: autoint1.e
 Quant Time: May 31 01:35:03 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)	11.952	2649061	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.386	2013186	18.479 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.338	2681863	17.938 ug/ml
2) T n-Decane (C10)	4.588	2751841	18.224 ug/ml
3) T A~Naphthalene (C11.7)	6.295	2736873	18.381 ug/ml
4) T n-Dodecane (C12)	6.753	2711319	18.316 ug/ml
5) T A~2-methylnaphthalene...	7.390	2573101	18.558 ug/ml
6) T n-Tetradecane (C14)	8.582	2606178	18.375 ug/ml
7) T n-Hexadecane (C16)	10.189	2608270	18.501 ug/ml
8) T n-Octadecane (C18)	11.631	2573229	18.528 ug/ml
10) T n-Eicosane (C20)	12.941	2455916	18.558 ug/ml
11) T n-Heneicosane (C21)	13.553	2392622	18.472 ug/ml
13) T n-Docosane (C22)	14.139	2415562	18.745 ug/ml
14) T n-Tetracosane (C24)	15.241	2488585	19.209 ug/ml
15) T n-Hexacosane (C26)	16.260	2537801	19.581 ug/ml
16) T n-Octacosane (C28)	17.209	2618482	20.259 ug/ml
17) T n-Tricontane (C30)	18.098	2766133	20.649 ug/mlm
18) T n-Dotriacontane (C32)	18.929	2811608	20.713 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2696935	19.714 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2598811	19.118 ug/mlm
21) T n-Octatriacontane (C38)	21.188	2607987	19.124 ug/ml
22) T n-Tetracontane (C40)	22.109	2643054	19.303 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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