

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048889.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 19:29
 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 06/26/2024
 Supervised By :Ankita Jodhani 06/26/2024

Integration File: sample.E
 Quant Time: Jun 26 01:31:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.935	3123370	18.679 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	13.369	2401736	18.678 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.322	2979842	19.820 ug/ml
2) T n-Decane (C10)	4.571	3038664	19.746 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3099346	19.523 ug/ml
4) T n-Dodecane (C12)	6.736	3021563	19.573 ug/ml
5) T A~2-methylnaphthalene...	7.373	2955482	19.516 ug/ml
6) T n-Tetradecane (C14)	8.564	2972658	19.396 ug/ml
7) T n-Hexadecane (C16)	10.171	3033871	19.403 ug/ml
8) T n-Octadecane (C18)	11.614	3051615	19.134 ug/ml
10) T n-Eicosane (C20)	12.923	2917760	18.820 ug/ml
11) T n-Heneicosane (C21)	13.535	2861262	18.791 ug/ml
13) T n-Docosane (C22)	14.121	2825574	18.684 ug/ml
14) T n-Tetracosane (C24)	15.224	2790971	18.572 ug/ml
15) T n-Hexacosane (C26)	16.244	2733183	18.513 ug/ml
16) T n-Octacosane (C28)	17.193	2696923	18.701 ug/ml
17) T n-Tricontane (C30)	18.080	2782255	19.018 ug/ml
18) T n-Dotriacontane (C32)	18.913	2779396	19.439 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2774558	20.052 ug/mlm
20) T n-Hexatriacontane (C36)	20.435	2615656	20.126 ug/ml
21) T n-Octatriacontane (C38)	21.171	2534037	19.767 ug/ml
22) T n-Tetracontane (C40)	22.084	2612691	21.335 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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