

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090524AL\
 Data File : FE049926.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2024 08:00
 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 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e
 Quant Time: Sep 06 01:30:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.877	2847121	17.606 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
12) S 1-chlorooctadecane (S...	13.312	2188793	17.940 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
Target Compounds			
1) T n-Nonane (C9)	3.267	2553655	16.501 ug/ml
2) T n-Decane (C10)	4.517	2695389	17.071 ug/ml
3) T A~Naphthalene (C11.7)	6.225	2726282	16.991 ug/ml
4) T n-Dodecane (C12)	6.684	2738928	17.422 ug/ml
5) T A~2-methylnaphthalene...	7.321	2605178	17.396 ug/ml
6) T n-Tetradecane (C14)	8.511	2685798	17.397 ug/ml
7) T n-Hexadecane (C16)	10.118	2768112	17.724 ug/ml
8) T n-Octadecane (C18)	11.559	2793809	17.789 ug/ml
10) T n-Eicosane (C20)	12.866	2677225	17.931 ug/ml
11) T n-Heneicosane (C21)	13.477	2625547	17.898 ug/ml
13) T n-Docosane (C22)	14.062	2643475	18.137 ug/mlm
14) T n-Tetracosane (C24)	15.164	2712246	18.645 ug/ml
15) T n-Hexacosane (C26)	16.183	2702144	18.723 ug/ml
16) T n-Octacosane (C28)	17.132	2837181	19.697 ug/ml
17) T n-Tricontane (C30)	18.018	3134492	20.938 ug/ml
18) T n-Dotriacontane (C32)	18.851	3268056	21.602 ug/ml
19) T n-Tetratriacontane (C34)	19.633	3209656	20.995 ug/ml
20) T n-Hexatriacontane (C36)	20.372	2939237	19.356 ug/ml
21) T n-Octatriacontane (C38)	21.098	2901103	18.484 ug/ml
22) T n-Tetracontane (C40)	21.987	2771616	18.153 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

