

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071524AL\
 Data File : FE049115.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2024 09:27
 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 07/15/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File: autoint1.e
 Quant Time: Jul 15 10:48:47 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)	11.929	2971391	17.770 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.365	2268475	17.641 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.311	2921502	19.432 ug/ml
2) T n-Decane (C10)	4.561	2966532	19.277 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3022454	19.039 ug/ml
4) T n-Dodecane (C12)	6.729	2946334	19.086 ug/ml
5) T A~2-methylnaphthalene...	7.368	2853105	18.840 ug/ml
6) T n-Tetradecane (C14)	8.557	2871031	18.733 ug/ml
7) T n-Hexadecane (C16)	10.166	2917002	18.656 ug/ml
8) T n-Octadecane (C18)	11.609	2916318	18.286 ug/ml
10) T n-Eicosane (C20)	12.918	2782765	17.949 ug/ml
11) T n-Heneicosane (C21)	13.531	2725314	17.899 ug/ml
13) T n-Docosane (C22)	14.117	2706717	17.898 ug/ml
14) T n-Tetracosane (C24)	15.219	2704698	17.998 ug/ml
15) T n-Hexacosane (C26)	16.241	2678342	18.142 ug/ml
16) T n-Octacosane (C28)	17.191	2649746	18.374 ug/ml
17) T n-Tricontane (C30)	18.078	2703453	18.479 ug/ml
18) T n-Dotriacontane (C32)	18.909	2690109	18.815 ug/mlm
19) T n-Tetratriacontane (C34)	19.693	2693523	19.466 ug/mlm
20) T n-Hexatriacontane (C36)	20.433	2693659	20.726 ug/ml
21) T n-Octatriacontane (C38)	21.170	2803336	21.868 ug/ml
22) T n-Tetracontane (C40)	22.085	2916865	23.819 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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