

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
 Data File : FE049112.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2024 22:08
 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 07/15/2024

Integration File: sample.E
 Quant Time: Jul 13 00:27:50 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)	11.922	2735950	16.362 ug/ml
Spiked Amount 50.000		Recovery =	32.72%
12) S 1-chlorooctadecane (S...	13.357	2103188	16.356 ug/ml
Spiked Amount 50.000		Recovery =	32.71%
Target Compounds			
1) T n-Nonane (C9)	3.307	2384359	15.860 ug/ml
2) T n-Decane (C10)	4.557	2622120	17.039 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2674098	16.844 ug/ml
4) T n-Dodecane (C12)	6.724	2628222	17.025 ug/ml
5) T A~2-methylnaphthalene...	7.362	2557489	16.888 ug/ml
6) T n-Tetradecane (C14)	8.552	2591826	16.911 ug/ml
7) T n-Hexadecane (C16)	10.160	2670064	17.077 ug/ml
8) T n-Octadecane (C18)	11.602	2688260	16.856 ug/ml
10) T n-Eicosane (C20)	12.911	2573934	16.602 ug/ml
11) T n-Heneicosane (C21)	13.523	2529668	16.614 ug/ml
13) T n-Docosane (C22)	14.109	2520958	16.669 ug/ml
14) T n-Tetracosane (C24)	15.211	2557460	17.018 ug/ml
15) T n-Hexacosane (C26)	16.232	2560275	17.342 ug/ml
16) T n-Octacosane (C28)	17.181	2717435	18.843 ug/ml
17) T n-Tricontane (C30)	18.067	3194656	21.836 ug/ml
18) T n-Dotriacontane (C32)	18.900	3387051	23.689 ug/ml
19) T n-Tetratriacontane (C34)	19.684	3141652	22.704 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2926353	22.516 ug/ml
21) T n-Octatriacontane (C38)	21.156	2858718	22.300 ug/ml
22) T n-Tetracontane (C40)	22.067	2939905	24.007 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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