

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049039.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 12:54
 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 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e
 Quant Time: Jul 11 04:12:14 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)	11.923	2917251	17.447 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
12) S 1-chlorooctadecane (S...	13.358	2215659	17.230 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
Target Compounds			
1) T n-Nonane (C9)	3.311	2772409	18.441 ug/ml
2) T n-Decane (C10)	4.560	2890368	18.782 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2903284	18.288 ug/ml
4) T n-Dodecane (C12)	6.726	2856836	18.506 ug/ml
5) T A~2-methylnaphthalene...	7.362	2739902	18.093 ug/ml
6) T n-Tetradecane (C14)	8.554	2819652	18.397 ug/ml
7) T n-Hexadecane (C16)	10.162	2866662	18.334 ug/ml
8) T n-Octadecane (C18)	11.604	2862869	17.950 ug/ml
10) T n-Eicosane (C20)	12.913	2732670	17.626 ug/ml
11) T n-Heneicosane (C21)	13.524	2684644	17.631 ug/ml
13) T n-Docosane (C22)	14.110	2660455	17.592 ug/ml
14) T n-Tetracosane (C24)	15.212	2683543	17.857 ug/ml
15) T n-Hexacosane (C26)	16.232	2678911	18.146 ug/ml
16) T n-Octacosane (C28)	17.181	2764824	19.171 ug/ml
17) T n-Tricontane (C30)	18.069	3071931	20.998 ug/ml
18) T n-Dotriacontane (C32)	18.900	3248580	22.721 ug/ml
19) T n-Tetratriacontane (C34)	19.684	3141542	22.704 ug/ml
20) T n-Hexatriacontane (C36)	20.422	3001577	23.095 ug/ml
21) T n-Octatriacontane (C38)	21.156	2876039	22.435 ug/ml
22) T n-Tetracontane (C40)	22.066	2960474	24.175 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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