

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224AL\
 Data File : FE049405.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2024 19:48
 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 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 02 23:14:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.901	2992910	19.296 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.337	2289917	19.599 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.286	2875814	19.123 ug/ml
2) T n-Decane (C10)	4.538	2921098	18.913 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3002884	19.274 ug/ml
4) T n-Dodecane (C12)	6.705	2914413	18.927 ug/ml
5) T A~2-methylnaphthalene...	7.341	2824783	19.410 ug/ml
6) T n-Tetradecane (C14)	8.533	2890047	19.042 ug/ml
7) T n-Hexadecane (C16)	10.140	2900680	19.127 ug/ml
8) T n-Octadecane (C18)	11.583	2910553	19.170 ug/ml
10) T n-Eicosane (C20)	12.891	2782021	19.238 ug/ml
11) T n-Heneicosane (C21)	13.503	2738773	19.313 ug/ml
13) T n-Docosane (C22)	14.089	2720957	19.367 ug/ml
14) T n-Tetracosane (C24)	15.191	2704629	19.298 ug/ml
15) T n-Hexacosane (C26)	16.212	2669846	19.040 ug/ml
16) T n-Octacosane (C28)	17.160	2583775	18.460 ug/ml
17) T n-Tricontane (C30)	18.047	2827061	19.380 ug/ml
18) T n-Dotriacontane (C32)	18.878	2778324	18.895 ug/ml
19) T n-Tetratriacontane (C34)	19.662	3012032	20.621 ug/ml
20) T n-Hexatriacontane (C36)	20.401	2883223	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.134	3208220	21.432 ug/ml
22) T n-Tetracontane (C40)	22.033	3098139	20.530 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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