

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
 Data File : FE051501.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2024 14:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e
 Quant Time: Dec 02 14:45:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.830	2832275	18.742 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.263	2114806	18.924 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T n-Nonane (C9)	3.223	2652429	18.926 ug/ml
2) T n-Decane (C10)	4.470	2680917	18.905 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2597316	19.648 ug/ml
4) T n-Dodecane (C12)	6.637	2692513	18.916 ug/ml
5) T A~2-methylnaphthalene...	7.282	2364349	19.709 ug/ml
6) T n-Tetradecane (C14)	8.463	2639130	18.932 ug/ml
7) T n-Hexadecane (C16)	10.068	2687493	18.915 ug/ml
8) T n-Octadecane (C18)	11.509	2715172	18.893 ug/ml
10) T n-Eicosane (C20)	12.816	2581608	18.702 ug/ml
11) T n-Heneicosane (C21)	13.427	2547454	18.794 ug/ml
13) T n-Docosane (C22)	14.012	2504154	18.702 ug/ml
14) T n-Tetracosane (C24)	15.113	2475634	18.736 ug/ml
15) T n-Hexacosane (C26)	16.133	2434773	18.776 ug/ml
16) T n-Octacosane (C28)	17.082	2384542	18.703 ug/ml
17) T n-Tricontane (C30)	17.967	2398282	18.522 ug/mlm
18) T n-Dotriacontane (C32)	18.799	2363192	18.877 ug/ml
19) T n-Tetratriacontane (C34)	19.583	2077605	18.396 ug/ml
20) T n-Hexatriacontane (C36)	20.322	1836231	19.067 ug/ml
21) T n-Octatriacontane (C38)	21.041	1747106	19.189 ug/ml
22) T n-Tetracontane (C40)	21.918	1607746	18.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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