

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120924AL\
 Data File : FE051596.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2024 18:29
 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 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 02:16:29 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)	11.831	3031348	20.060 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	13.265	2321425	20.773 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.219	2731625	19.491 ug/ml
2) T n-Decane (C10)	4.467	2838600	20.017 ug/ml
3) T A~Naphthalene (C11.7)	6.183	2736248	20.699 ug/ml
4) T n-Dodecane (C12)	6.635	2875074	20.198 ug/ml
5) T A~2-methylnaphthalene...	7.280	2578880	21.497 ug/ml
6) T n-Tetradecane (C14)	8.462	2836905	20.351 ug/ml
7) T n-Hexadecane (C16)	10.068	2893102	20.362 ug/ml
8) T n-Octadecane (C18)	11.510	2884917	20.075 ug/ml
10) T n-Eicosane (C20)	12.818	2757600	19.977 ug/ml
11) T n-Heneicosane (C21)	13.430	2677936	19.756 ug/ml
13) T n-Docosane (C22)	14.015	2689511	20.086 ug/ml
14) T n-Tetracosane (C24)	15.116	2661839	20.145 ug/ml
15) T n-Hexacosane (C26)	16.136	2651237	20.445 ug/ml
16) T n-Octacosane (C28)	17.085	2705938	21.224 ug/ml
17) T n-Tricontane (C30)	17.972	2952455	22.802 ug/mlm
18) T n-Dotriacontane (C32)	18.804	3169066	25.314 ug/mlm
19) T n-Tetratriacontane (C34)	19.586	2811690	24.895 ug/ml
20) T n-Hexatriacontane (C36)	20.326	2330405	24.198 ug/ml
21) T n-Octatriacontane (C38)	21.048	2219030	24.373 ug/ml
22) T n-Tetracontane (C40)	21.921	1734832	19.796 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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