

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120524AL\
 Data File : FE051545.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2024 12:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: autoint1.e
 Quant Time: Dec 06 02:05:11 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)	11.829	3079636	20.379 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	13.262	2339483	20.935 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T n-Nonane (C9)	3.219	2832263	20.209 ug/ml
2) T n-Decane (C10)	4.467	2891295	20.389 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2666833	20.174 ug/ml
4) T n-Dodecane (C12)	6.633	2930940	20.591 ug/ml
5) T A~2-methylnaphthalene...	7.279	2407690	20.070 ug/ml
6) T n-Tetradecane (C14)	8.461	2861711	20.529 ug/ml
7) T n-Hexadecane (C16)	10.066	2920497	20.555 ug/ml
8) T n-Octadecane (C18)	11.507	2946549	20.503 ug/ml
10) T n-Eicosane (C20)	12.815	2834148	20.531 ug/ml
11) T n-Heneicosane (C21)	13.426	2781798	20.523 ug/ml
13) T n-Docosane (C22)	14.011	2744848	20.499 ug/ml
14) T n-Tetracosane (C24)	15.112	2708826	20.501 ug/ml
15) T n-Hexacosane (C26)	16.132	2666712	20.564 ug/ml
16) T n-Octacosane (C28)	17.080	2636153	20.677 ug/ml
17) T n-Tricontane (C30)	17.968	2697936	20.836 ug/ml
18) T n-Dotriacontane (C32)	18.799	2645028	21.128 ug/ml
19) T n-Tetratriacontane (C34)	19.582	2340948	20.727 ug/ml
20) T n-Hexatriacontane (C36)	20.320	2091248	21.715 ug/mlm
21) T n-Octatriacontane (C38)	21.041	1920979	21.099 ug/ml
22) T n-Tetracontane (C40)	21.916	1947828	22.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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