

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
 Data File : FE051799.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2024 09:20
 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 12/31/2024
 Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e
 Quant Time: Dec 31 02:11:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 30 09:52:06 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)	12.046	3107953	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	13.468	2365383	20.333 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	3.500	2390578	20.611 ug/ml
2) T n-Decane (C10)	4.734	2484157	20.645 ug/ml
3) T A~Naphthalene (C11.7)	6.428	2871438	20.659 ug/ml
4) T n-Dodecane (C12)	6.875	2586191	20.584 ug/ml
5) T A~2-methylnaphthalene...	7.513	2812684	20.548 ug/ml
6) T n-Tetradecane (C14)	8.690	2639813	20.529 ug/ml
7) T n-Hexadecane (C16)	10.287	2795618	20.543 ug/ml
8) T n-Octadecane (C18)	11.721	2864685	20.459 ug/ml
10) T n-Eicosane (C20)	13.024	2775930	20.510 ug/ml
11) T n-Heneicosane (C21)	13.633	2726552	20.468 ug/ml
13) T n-Docosane (C22)	14.215	2710965	20.537 ug/ml
14) T n-Tetracosane (C24)	15.313	2684469	20.688 ug/ml
15) T n-Hexacosane (C26)	16.328	2608611	20.771 ug/ml
16) T n-Octacosane (C28)	17.273	2529065	20.949 ug/ml
17) T n-Tricontane (C30)	18.156	2525157	20.982 ug/ml
18) T n-Dotriacontane (C32)	18.984	2401684	20.985 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2106840	20.889 ug/mlm
20) T n-Hexatriacontane (C36)	20.500	1862987	20.902 ug/mlm
21) T n-Octatriacontane (C38)	21.250	1950741	22.720 ug/mlm
22) T n-Tetracontane (C40)	22.196	1858752	21.075 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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