

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
 Data File : FE051436.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2024 15:16
 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 11/26/2024
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
 Quant Time: Nov 26 02:07:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.837	2990840	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	13.270	2291560	20.184 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T n-Nonane (C9)	3.227	2705607	19.554 ug/ml
2) T n-Decane (C10)	4.475	2755145	19.655 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2497078	18.939 ug/ml
4) T n-Dodecane (C12)	6.642	2774396	19.649 ug/ml
5) T A~2-methylnaphthalene...	7.285	2320116	18.547 ug/ml
6) T n-Tetradecane (C14)	8.469	2722263	19.534 ug/ml
7) T n-Hexadecane (C16)	10.075	2789254	19.655 ug/ml
8) T n-Octadecane (C18)	11.516	2828972	19.810 ug/ml
10) T n-Eicosane (C20)	12.824	2744811	20.056 ug/ml
11) T n-Heneicosane (C21)	13.434	2693675	20.156 ug/ml
13) T n-Docosane (C22)	14.020	2669880	20.082 ug/ml
14) T n-Tetracosane (C24)	15.121	2737227	20.634 ug/ml
15) T n-Hexacosane (C26)	16.140	2731322	20.403 ug/ml
16) T n-Octacosane (C28)	17.088	2804877	20.574 ug/ml
17) T n-Tricontane (C30)	17.975	2998195	20.636 ug/ml
18) T n-Dotriacontane (C32)	18.807	2997569	20.188 ug/ml
19) T n-Tetratriacontane (C34)	19.592	2596014	19.321 ug/ml
20) T n-Hexatriacontane (C36)	20.331	2343284	19.639 ug/ml
21) T n-Octatriacontane (C38)	21.051	2036968	17.897 ug/ml
22) T n-Tetracontane (C40)	21.927	1968576	17.700 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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