

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052097.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 15:49
 Operator : YP\AJ
 Sample : Q1187-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/28/2025
 Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e
 Quant Time: Jan 28 02:02:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.198	4725373	33.061 ug/ml
Spiked Amount 50.000		Recovery =	66.12%
12) S 1-chlorooctadecane (S...	13.612	3901046	34.007 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.678	2500183	23.451 ug/ml
2) T n-Decane (C10)	4.906	3080087	28.134 ug/ml
3) T A~Naphthalene (C11.7)	6.599	4044661	33.285 ug/ml
4) T n-Dodecane (C12)	7.033	3702341	32.803 ug/ml
5) T A~2-methylnaphthalene...	7.678	4056913	33.982 ug/ml
6) T n-Tetradecane (C14)	8.840	4250224	36.543 ug/ml
7) T n-Hexadecane (C16)	10.432	4483576	35.550 ug/ml
8) T n-Octadecane (C18)	11.866	4593906	34.722 ug/ml
10) T n-Eicosane (C20)	13.167	4744778	36.194 ug/ml
11) T n-Heneicosane (C21)	13.775	4549974	34.956 ug/ml
13) T n-Docosane (C22)	14.359	4508259	34.352 ug/ml
14) T n-Tetracosane (C24)	15.462	8860328	66.704 ug/ml
15) T n-Hexacosane (C26)	16.475	4313897	32.635 ug/ml
16) T n-Octacosane (C28)	17.420	4215284	31.938 ug/mlm
17) T n-Tricontane (C30)	18.305	4218680	30.942 ug/ml
18) T n-Dotriacontane (C32)	19.134	4088157	31.194 ug/ml
19) T n-Tetratriacontane (C34)	19.915	3949355	35.079 ug/ml
20) T n-Hexatriacontane (C36)	20.653	3607816	37.984 ug/ml
21) T n-Octatriacontane (C38)	21.437	3421774	39.612 ug/mlm
22) T n-Tetracontane (C40)	22.437	3374308	40.945 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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