

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015097.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 17:48
 Operator : YP\AJ
 Sample : Q1094-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

72-11938MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/17/2025

Supervised By :Ankita Jodhani 01/17/2025

Integration File: autoint1.e

Quant Time: Jan 17 00:27:48 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M

Quant Title : GC Extractables

QLast Update : Tue Jan 14 11:45:29 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)	11.945	5698454	36.448 ug/ml
Spiked Amount 50.000		Recovery =	72.90%
12) S 1-chlorooctadecane (S...	13.390	4813178	39.529 ug/ml
Spiked Amount 50.000		Recovery =	79.06%
Target Compounds			
1) T n-Nonane (C9)	3.289	3797009	29.245 ug/ml
2) T n-Decane (C10)	4.548	4322543	32.527 ug/ml
3) T A~Naphthalene (C11.7)	6.257	5315304	36.397 ug/ml
4) T n-Dodecane (C12)	6.726	4820872	35.463 ug/ml
5) T A~2-methylnaphthalene...	7.359	5170543	36.220 ug/ml
6) T n-Tetradecane (C14)	8.565	5470135	39.776 ug/ml
7) T n-Hexadecane (C16)	10.178	5951041	41.071 ug/ml
8) T n-Octadecane (C18)	11.629	6062230	40.788 ug/ml
10) T n-Eicosane (C20)	12.945	6347514	44.223 ug/ml
11) T n-Heneicosane (C21)	13.559	6116403	43.258 ug/ml
13) T n-Docosane (C22)	14.148	6082333	43.260 ug/ml
14) T n-Tetracosane (C24)	15.234	11739039	84.342 ug/mlm
15) T n-Hexacosane (C26)	16.282	5679617	41.932 ug/ml
16) T n-Octacosane (C28)	17.232	5633110	42.806 ug/ml
17) T n-Tricontane (C30)	18.125	5504166	41.492 ug/ml
18) T n-Dotriacontane (C32)	18.960	5292351	41.962 ug/ml
19) T n-Tetratriacontane (C34)	19.746	5058760	46.461 ug/ml
20) T n-Hexatriacontane (C36)	20.487	4676849	50.094 ug/ml
21) T n-Octatriacontane (C38)	21.237	4464720	50.877 ug/ml
22) T n-Tetracontane (C40)	22.179	4288200	50.591 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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