

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015091.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 14:29
 Operator : YP\AJ
 Sample : PB166075BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166075BSD

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 00:25:22 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)	11.944	7177066	45.905 ug/ml
Spiked Amount 50.000		Recovery =	91.81%
12) S 1-chlorooctadecane (S...	13.389	5990979	49.202 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
Target Compounds			
1) T n-Nonane (C9)	3.303	6051413	46.609 ug/ml
2) T n-Decane (C10)	4.554	6355489	47.825 ug/ml
3) T A~Naphthalene (C11.7)	6.258	7305176	50.023 ug/ml
4) T n-Dodecane (C12)	6.726	6527135	48.014 ug/ml
5) T A~2-methylnaphthalene...	7.358	6781769	47.506 ug/ml
6) T n-Tetradecane (C14)	8.564	6734788	48.972 ug/ml
7) T n-Hexadecane (C16)	10.177	6839877	47.205 ug/ml
8) T n-Octadecane (C18)	11.628	6924898	46.592 ug/ml
10) T n-Eicosane (C20)	12.943	7156318	49.858 ug/ml
11) T n-Heneicosane (C21)	13.558	6871353	48.597 ug/ml
13) T n-Docosane (C22)	14.146	6825375	48.544 ug/ml
14) T n-Tetracosane (C24)	15.231	13522346	97.154 ug/mlm
15) T n-Hexacosane (C26)	16.281	6552443	48.376 ug/ml
16) T n-Octacosane (C28)	17.231	6410143	48.710 ug/ml
17) T n-Tricontane (C30)	18.124	6323351	47.667 ug/ml
18) T n-Dotriacontane (C32)	18.957	6205107	49.199 ug/ml
19) T n-Tetratriacontane (C34)	19.743	6280417	57.681 ug/ml
20) T n-Hexatriacontane (C36)	20.486	6462908	69.224 ug/ml
21) T n-Octatriacontane (C38)	21.236	7029075	80.099 ug/ml
22) T n-Tetracontane (C40)	22.177	7601045	89.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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