

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015690.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 15:57
 Operator : YP\AJ
 Sample : PB167630BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167630BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Integration File: autoint1.e

Quant Time: Apr 18 01:24:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Thu Apr 17 12:40:13 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)	11.904	6126405	42.259 ug/ml
Spiked Amount 50.000		Recovery =	84.52%
12) S 1-chlorooctadecane (S...	13.348	4765715	45.066 ug/ml
Spiked Amount 50.000		Recovery =	90.13%
Target Compounds			
1) T n-Nonane (C9)	3.258	4593521	41.105 ug/ml
2) T n-Decane (C10)	4.513	4791001	42.725 ug/ml
3) T A~Naphthalene (C11.7)	6.221	5455325	47.021 ug/ml
4) T n-Dodecane (C12)	6.689	5013882	43.852 ug/ml
5) T A~2-methylnaphthalene...	7.322	4977193	44.708 ug/ml
6) T n-Tetradecane (C14)	8.526	5185679	45.506 ug/ml
7) T n-Hexadecane (C16)	10.139	5231495	44.741 ug/ml
8) T n-Octadecane (C18)	11.589	5283767	44.172 ug/ml
10) T n-Eicosane (C20)	12.903	5459509	45.880 ug/ml
11) T n-Heneicosane (C21)	13.517	5217077	44.107 ug/ml
13) T n-Docosane (C22)	14.104	5169809	44.332 ug/ml
14) T n-Tetracosane (C24)	15.209	9973822	86.543 ug/mlm
15) T n-Hexacosane (C26)	16.236	4974966	44.550 ug/ml
16) T n-Octacosane (C28)	17.187	5003940	45.979 ug/ml
17) T n-Tricontane (C30)	18.078	4772943	43.820 ug/ml
18) T n-Dotriacontane (C32)	18.912	4644716	43.173 ug/ml
19) T n-Tetratriacontane (C34)	19.695	4356062	42.752 ug/ml
20) T n-Hexatriacontane (C36)	20.437	3890881	39.776 ug/ml
21) T n-Octatriacontane (C38)	21.177	3309305	36.256 ug/ml
22) T n-Tetracontane (C40)	22.102	2654910	31.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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