

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053666.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 13:31
 Operator : YP\AJ
 Sample : PB167876BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167876BS

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Integration File: sample.E

Quant Time: May 07 03:26:08 2025

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

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

05/07/2025

Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----05/08/2025			
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.865	6375047	35.346 ug/ml
Spiked Amount 50.000		Recovery =	70.69%
12) S 1-chlorooctadecane (S...	13.309	5027826	37.195 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
Target Compounds			
1) T n-Nonane (C9)	3.217	5350791	39.028 ug/ml
2) T n-Decane (C10)	4.476	5663911	40.943 ug/ml
3) T A~Naphthalene (C11.7)	6.185	6664498	44.152 ug/ml
4) T n-Dodecane (C12)	6.653	5904840	42.103 ug/ml
5) T A~2-methylnaphthalene...	7.287	6085395	40.758 ug/ml
6) T n-Tetradecane (C14)	8.490	6080148	43.340 ug/ml
7) T n-Hexadecane (C16)	10.102	6063649	42.308 ug/ml
8) T n-Octadecane (C18)	11.550	6096957	41.836 ug/ml
10) T n-Eicosane (C20)	12.864	6275332	43.126 ug/ml
11) T n-Heneicosane (C21)	13.477	5996397	41.399 ug/ml
13) T n-Docosane (C22)	14.065	5963101	41.323 ug/ml
14) T n-Tetracosane (C24)	15.160	12169419	84.722 ug/ml
15) T n-Hexacosane (C26)	16.196	5774558	40.772 ug/ml
16) T n-Octacosane (C28)	17.145	5925839	42.593 ug/ml
17) T n-Tricontane (C30)	18.037	5605977	40.274 ug/ml
18) T n-Dotriacontane (C32)	18.868	5417456	39.455 ug/ml
19) T n-Tetratriacontane (C34)	19.654	5321872	40.845 ug/ml
20) T n-Hexatriacontane (C36)	20.396	4855801	38.463 ug/ml
21) T n-Octatriacontane (C38)	21.130	4818703	39.552 ug/ml
22) T n-Tetracontane (C40)	22.033	4751697	39.789 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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