

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050725AL\
 Data File : FE053692.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2025 16:24
 Operator : YP\AJ
 Sample : PB167897BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167897BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/09/2025

Integration File: autoint1.e
 Quant Time: May 08 01:55:28 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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.867	6341391	35.159 ug/ml
Spiked Amount 50.000		Recovery =	70.32%
12) S 1-chlorooctadecane (S...	13.311	4989328	36.910 ug/ml
Spiked Amount 50.000		Recovery =	73.82%
Target Compounds			
1) T n-Nonane (C9)	3.220	6041200	44.063 ug/ml
2) T n-Decane (C10)	4.478	6316192	45.659 ug/ml
3) T A~Naphthalene (C11.7)	6.187	7299334	48.357 ug/ml
4) T n-Dodecane (C12)	6.655	6497911	46.331 ug/ml
5) T A~2-methylnaphthalene...	7.289	6617923	44.325 ug/ml
6) T n-Tetradecane (C14)	8.492	6617711	47.172 ug/ml
7) T n-Hexadecane (C16)	10.104	6537231	45.612 ug/ml
8) T n-Octadecane (C18)	11.552	6476654	44.442 ug/ml
10) T n-Eicosane (C20)	12.867	6583412	45.243 ug/ml
11) T n-Heneicosane (C21)	13.480	6266079	43.261 ug/ml
13) T n-Docosane (C22)	14.069	6198772	42.957 ug/mlm
14) T n-Tetracosane (C24)	15.167	12718297	88.543 ug/ml
15) T n-Hexacosane (C26)	16.199	6003795	42.391 ug/ml
16) T n-Octacosane (C28)	17.150	6199797	44.562 ug/ml
17) T n-Tricontane (C30)	18.041	5880274	42.245 ug/ml
18) T n-Dotriacontane (C32)	18.873	5780296	42.097 ug/ml
19) T n-Tetratriacontane (C34)	19.658	5822116	44.684 ug/ml
20) T n-Hexatriacontane (C36)	20.400	5609260	44.431 ug/ml
21) T n-Octatriacontane (C38)	21.134	5764456	47.315 ug/ml
22) T n-Tetracontane (C40)	22.039	5990143	50.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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