

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054072.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 15:34
 Operator : YP\AJ
 Sample : PB168197BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168197BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
 Quant Time: May 30 01:35:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.841	6245471	38.431 ug/ml
Spiked Amount 50.000		Recovery =	76.86%
12) S 1-chlorooctadecane (S...	13.286	5076728	42.824 ug/ml
Spiked Amount 50.000		Recovery =	85.65%
Target Compounds			
1) T n-Nonane (C9)	3.195	4618087	34.169 ug/ml
2) T n-Decane (C10)	4.454	4784800	35.409 ug/ml
3) T A~Naphthalene (C11.7)	6.165	5875333	40.882 ug/ml
4) T n-Dodecane (C12)	6.633	5104975	37.425 ug/ml
5) T A~2-methylnaphthalene...	7.267	5428890	39.139 ug/ml
6) T n-Tetradecane (C14)	8.469	5213894	38.636 ug/ml
7) T n-Hexadecane (C16)	10.080	5342157	39.591 ug/ml
8) T n-Octadecane (C18)	11.526	5354126	39.760 ug/mlm
10) T n-Eicosane (C20)	12.840	5527763	42.059 ug/ml
11) T n-Heneicosane (C21)	13.454	5318109	41.021 ug/ml
13) T n-Docosane (C22)	14.041	5258242	41.217 ug/ml
14) T n-Tetracosane (C24)	15.140	11094457	88.673 ug/ml
15) T n-Hexacosane (C26)	16.171	5136153	41.944 ug/ml
16) T n-Octacosane (C28)	17.121	5277196	43.411 ug/ml
17) T n-Tricontane (C30)	18.013	5052406	40.561 ug/ml
18) T n-Dotriacontane (C32)	18.844	4990179	39.904 ug/mlm
19) T n-Tetratriacontane (C34)	19.629	5124657	43.020 ug/ml
20) T n-Hexatriacontane (C36)	20.371	5389076	46.543 ug/ml
21) T n-Octatriacontane (C38)	21.101	5795620	53.256 ug/ml
22) T n-Tetracontane (C40)	21.995	6070194	61.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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