Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052225AR\
Data File : FD049376.D
Signal(s) : FID2B.ch
Acq On : 22 May 2025 17:05
Operator : YP/AJ
Sample : PB168132BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB168132BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/23/2025
Supervised By :mohammad ahmed 05/24/2025

Integration File: autoint1.e
Quant Time: May 23 04:32:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 13:29:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.740	8037982	67.791 ug/ml
Spiked Amount	50.000		Recovery =	135.58%
6) S	2-Flurobiphenyl (SURR)	8.606	5616059	71.114 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	142.23%#
11) S	ortho-Terphenyl (SURR)	11.653	8551372	61.957 ug/ml
Spiked Amount	50.000		Recovery =	123.91%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.529	4703031	37.667 ug/ml
2) T	Naphthalene (C11.7)	6.073	5656453	42.785 ug/ml
3) T	2-Methylnaphthalene (...	7.128	5612213	43.505 ug/ml
5) T	Acenaphthylene (C15.06)	8.408	6723024	47.625 ug/ml
7) T	Acenaphthene (C15.5)	8.706	6808963	49.696 ug/ml
8) T	Flouorene (C16.55)	9.487	7246733	53.240 ug/ml
9) T	Phenanthrene (C19.36)	10.887	7437641	55.166 ug/ml
10) T	Anthracene (C19.43)	10.962	7247162	61.277 ug/ml
12) T	Fluoranthene (C21.85)	12.702	7391144	54.845 ug/ml
13) T	Pyrene (C20.8)	13.001	7290576	53.894 ug/ml
14) T	Benzo[a]anthracene (C...	14.873	6570505	57.362 ug/ml
15) T	Chrysene (C27.41)	14.917	7463341	63.946 ug/ml
16) T	benzo[b]fluoranthene ...	16.425	6341199	52.240 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.460	6292175	52.759 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.805	6040262	52.531 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.171	6217815	56.658 ug/ml
20) T	Dibenz[a,h]anthracene...	18.211	5794421	54.864 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.429	5803207	48.697 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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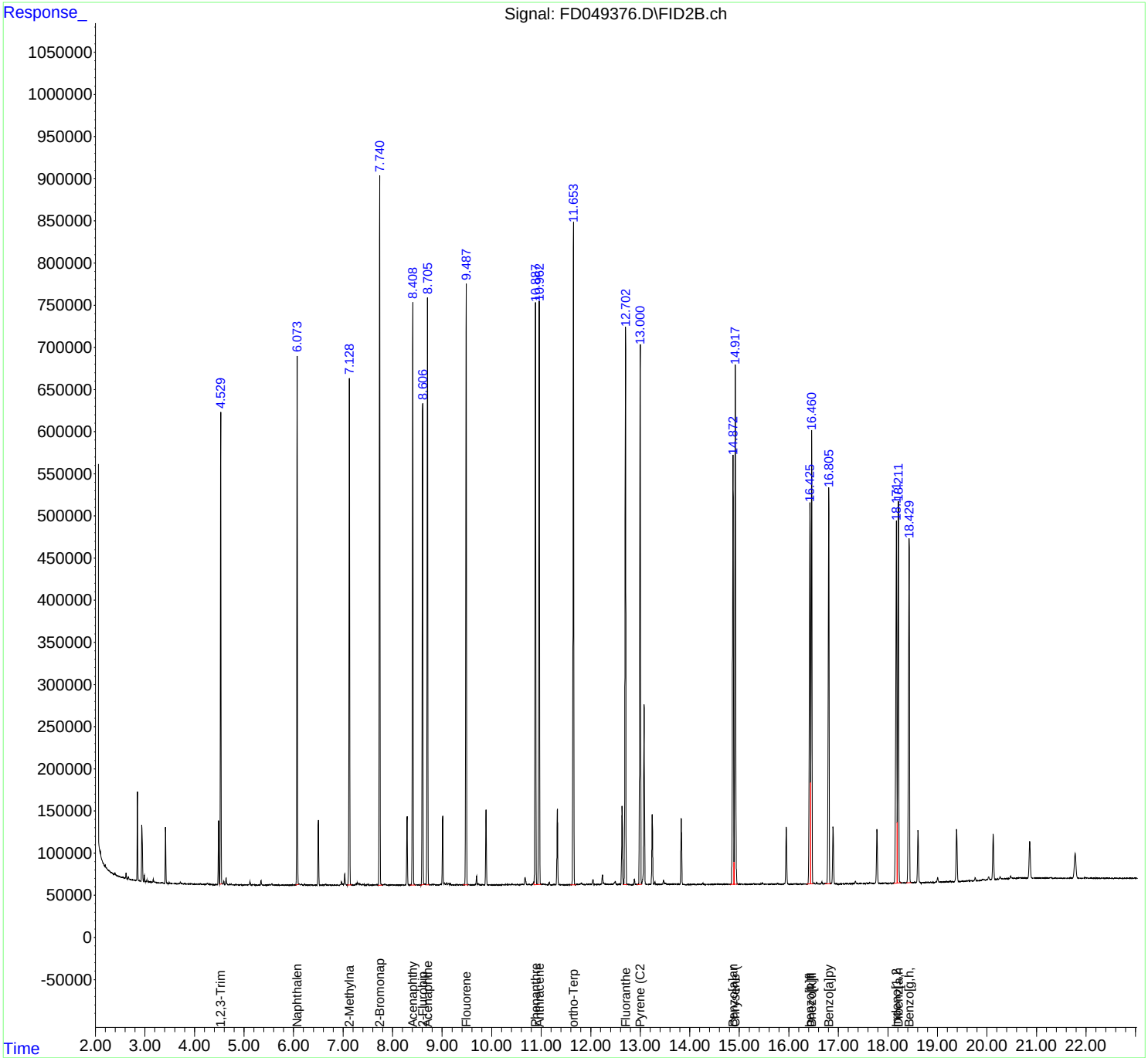
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