

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021025AR\
 Data File : FD049067.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 10:19
 Operator : YP/AJ
 Sample : Q1308-12DL 50X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 11 01:11:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.361	447139	3.142 ug/ml
Spiked Amount 50.000		Recovery =	6.28%
6) S 2-Fluorobiphenyl (SURR)	8.263f	67623	0.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.59%
11) S ortho-Terphenyl (SURR)	11.233	281414	1.711 ug/ml
Spiked Amount 50.000		Recovery =	3.42%
Target Compounds			
2) T Naphthalene (C11.7)	5.693	54967	0.352 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	451790	2.912 ug/ml
5) T Acenaphthylene (C15.06)	7.996	547799	3.350 ug/ml
7) T Acenaphthene (C15.5)	8.313	76866	0.458 ug/ml
8) T Flouorene (C16.55)	9.103	167133	1.068 ug/ml
9) T Phenanthrene (C19.36)	10.475	191062	1.254 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787f	58039	0.557 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	58039	0.407 ug/ml

(f)=RT Delta > 1/2 Window

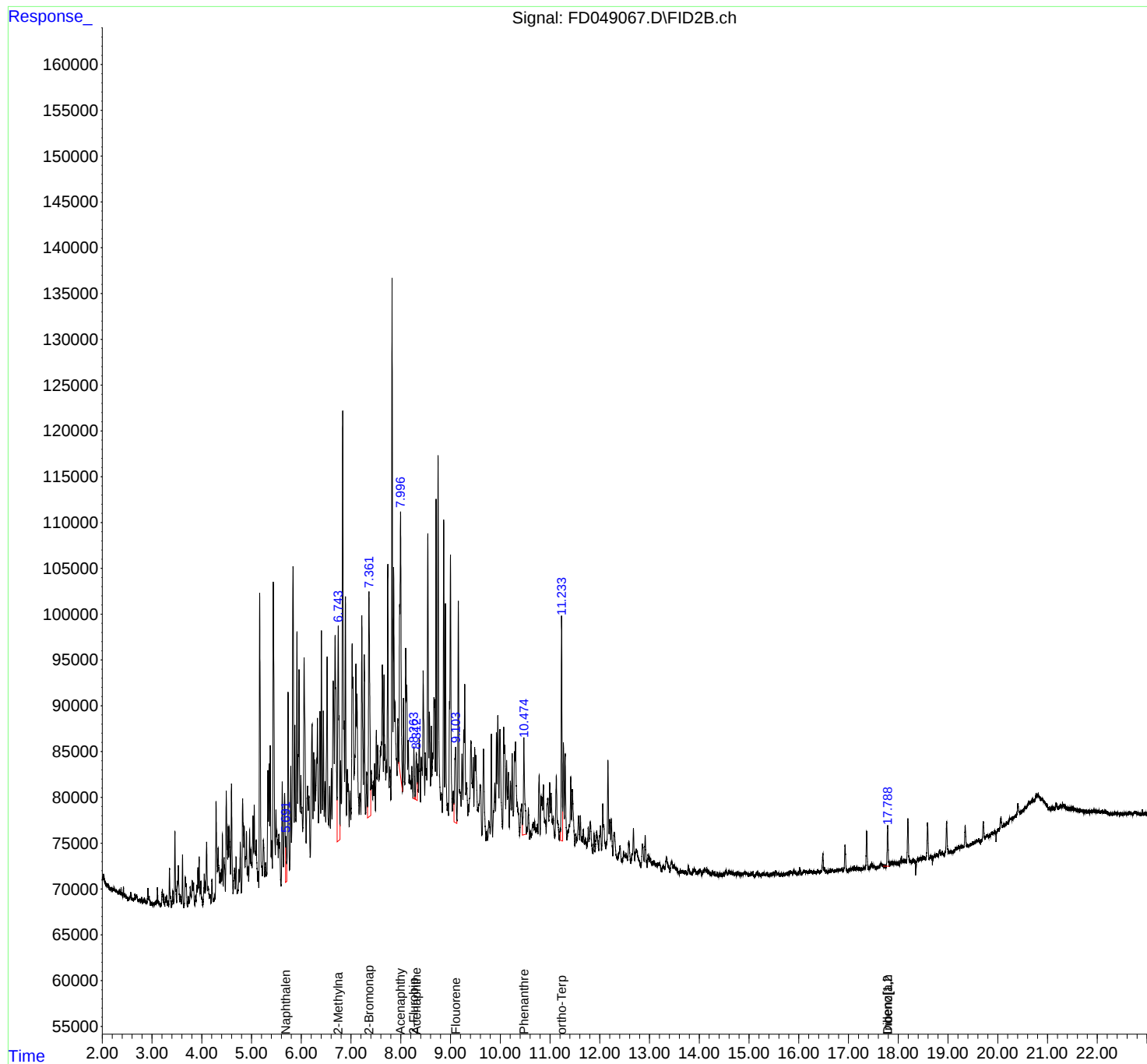
(m)=manual int.

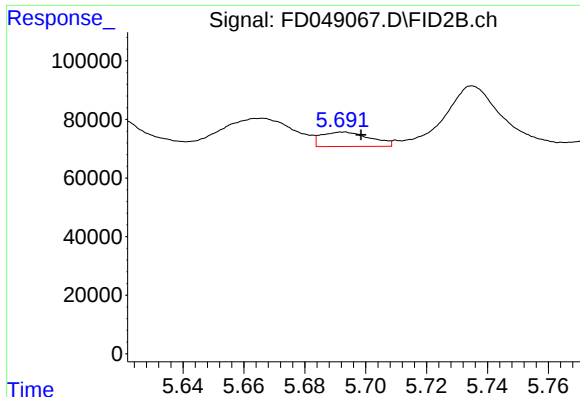
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Signal Info : 20M x 0.18mm x 0.18µm

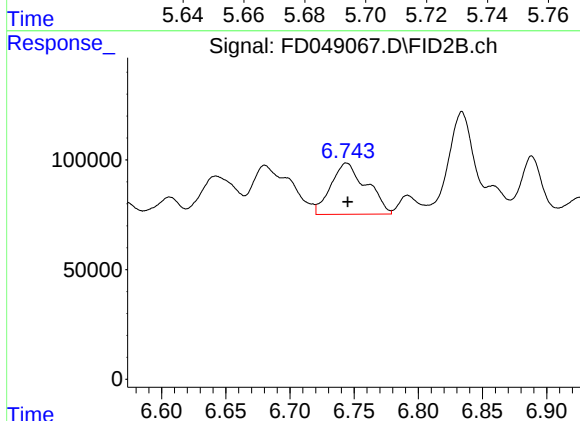




#2 Naphthalene (C11.7)

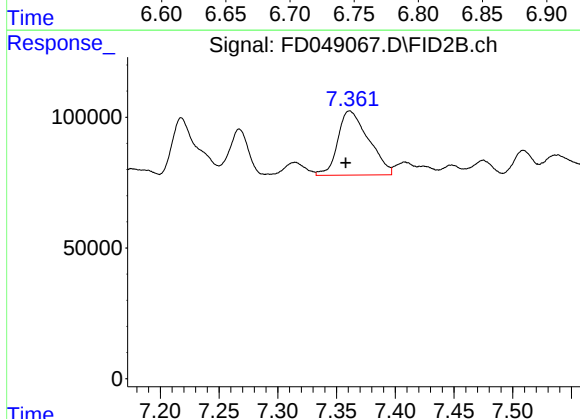
R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 54967
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



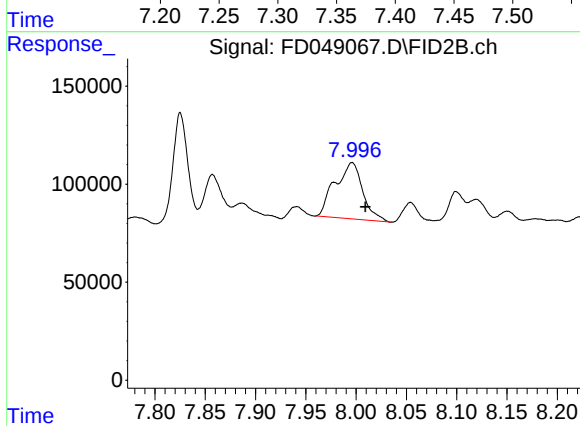
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 451790
Conc: 2.91 ug/ml



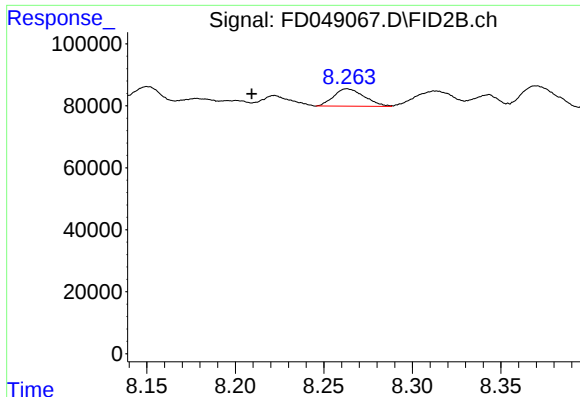
#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: 0.003 min
Response: 447139
Conc: 3.14 ug/ml



#5 Acenaphthylene (C15.06)

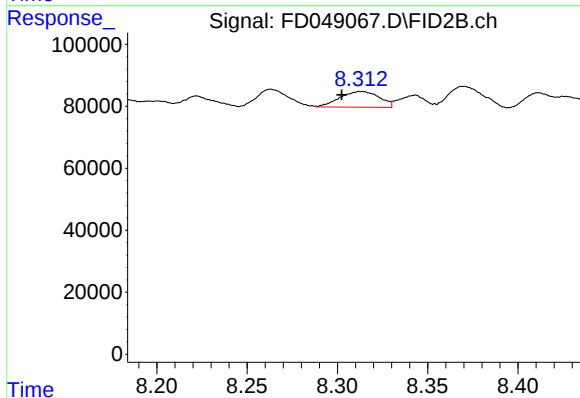
R.T.: 7.996 min
Delta R.T.: -0.013 min
Response: 547799
Conc: 3.35 ug/ml



#6 2-Fluorobiphenyl (SURR)

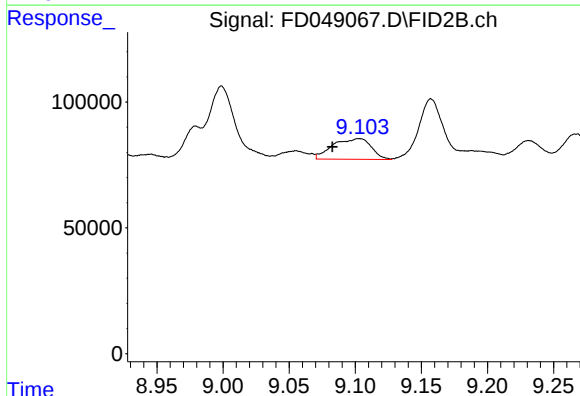
R.T.: 8.263 min
Delta R.T.: 0.054 min
Response: 67623
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



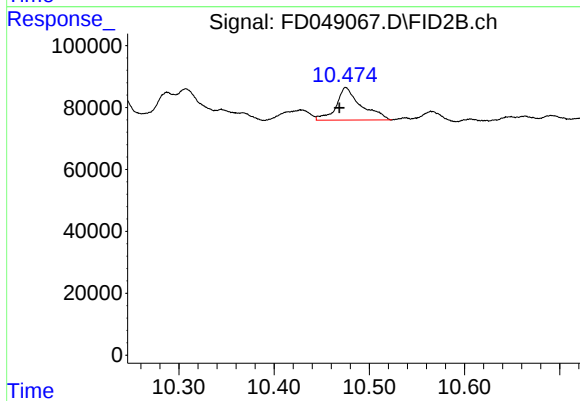
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.011 min
Response: 76866
Conc: 0.46 ug/ml



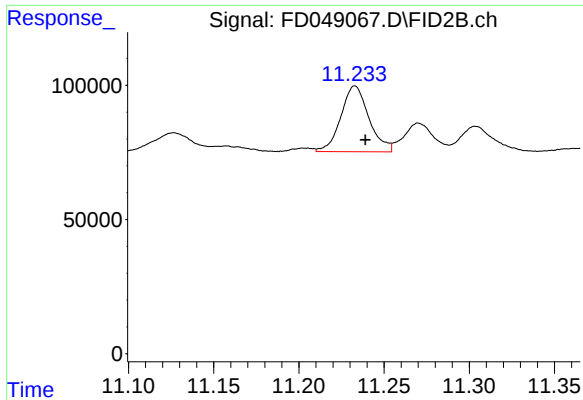
#8 Flouorene (C16.55)

R.T.: 9.103 min
Delta R.T.: 0.020 min
Response: 167133
Conc: 1.07 ug/ml



#9 Phenanthrene (C19.36)

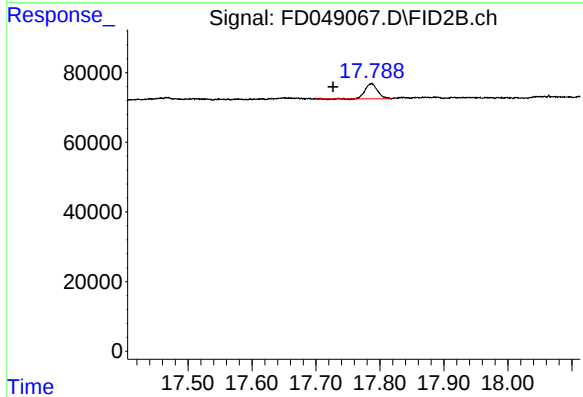
R.T.: 10.475 min
Delta R.T.: 0.007 min
Response: 191062
Conc: 1.25 ug/ml



#11 ortho-Terphenyl (SURR)

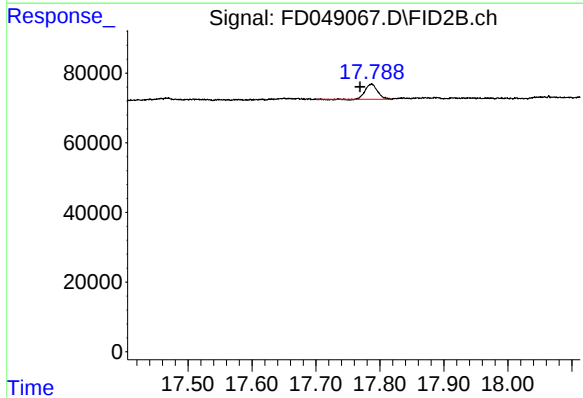
R.T.: 11.233 min
Delta R.T.: -0.006 min
Response: 281414
Conc: 1.71 ug/ml

Instrument :
FID_D
ClientSampleId :



#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: 0.061 min
Response: 58039
Conc: 0.56 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.787 min
Delta R.T.: 0.018 min
Response: 58039
Conc: 0.41 ug/ml