

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048691.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 10:25
 Operator : YP/AJ
 Sample : P4721-01DL 20X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:44:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.371	2014756	13.274 ug/ml
Spiked Amount 50.000		Recovery =	26.55%
6) S 2-Fluorobiphenyl (SURR)	8.223	858036	8.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.48%
11) S ortho-Terphenyl (SURR)	11.252	336608	1.976 ug/ml
Spiked Amount 50.000		Recovery =	3.95%
Target Compounds			
2) T Naphthalene (C11.7)	5.683	529417	2.967 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	1172775	6.557 ug/ml
5) T Acenaphthylene (C15.06)	8.011	1938435	11.039 ug/ml
7) T Acenaphthene (C15.5)	8.312	371962	2.097 ug/ml
8) T Fluorene (C16.55)	9.095	189885	1.123 ug/ml
9) T Phenanthrene (C19.36)	10.489	133953	0.810 ug/ml
14) T Benzo[a]anthracene (C...	14.385f	60382	0.413 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809f	55488	0.425 ug/ml
20) T Dibenzo[a,h]anthracene...	17.809	55488	0.341 ug/ml

(f)=RT Delta > 1/2 Window

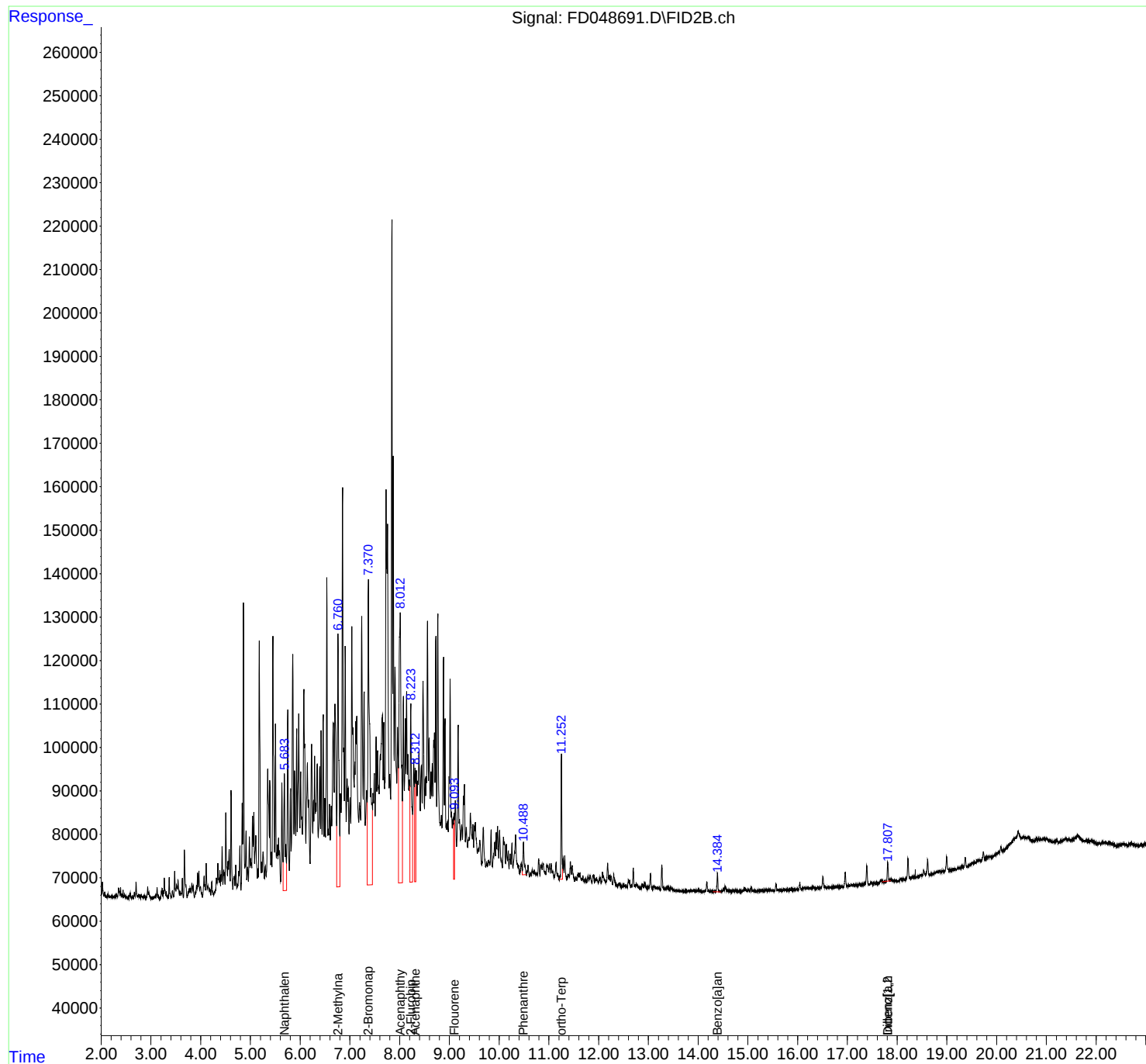
(m)=manual int.

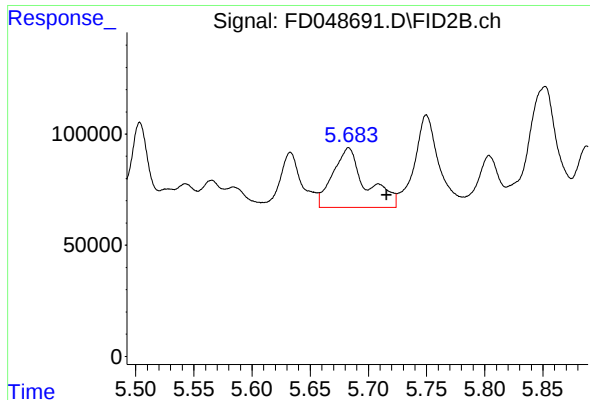
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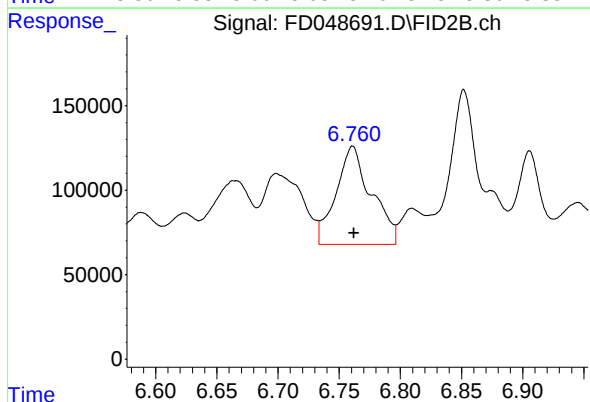




#2 Naphthalene (C11.7)

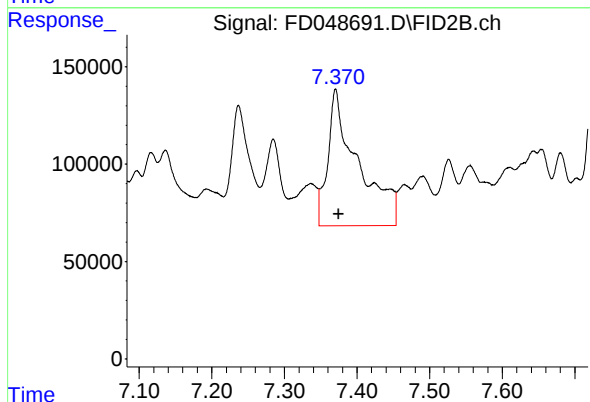
R.T.: 5.683 min
Delta R.T.: -0.033 min
Response: 529417
Conc: 2.97 ug/ml

Instrument :
FID_D
ClientSampleId :



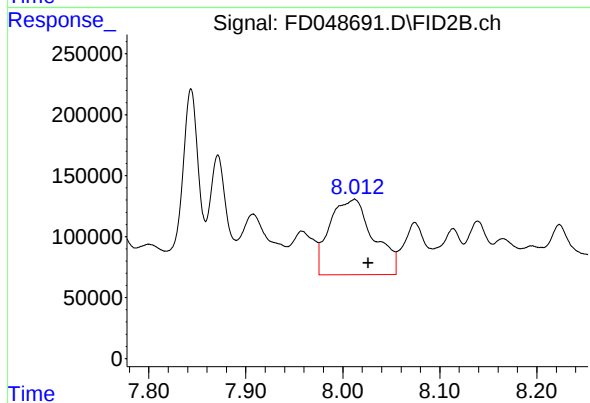
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 1172775
Conc: 6.56 ug/ml



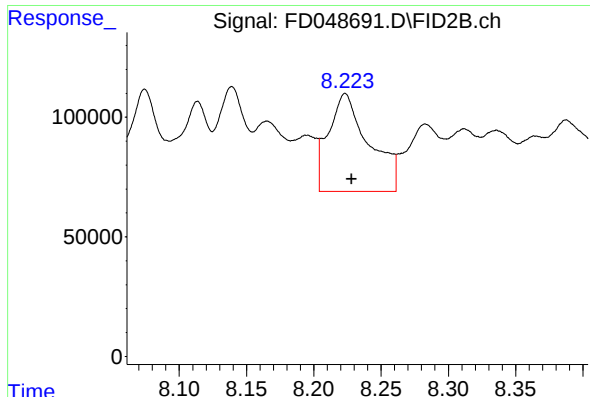
#4 2-Bromonaphthalene (SURR)

R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 2014756
Conc: 13.27 ug/ml



#5 Acenaphthylene (C15.06)

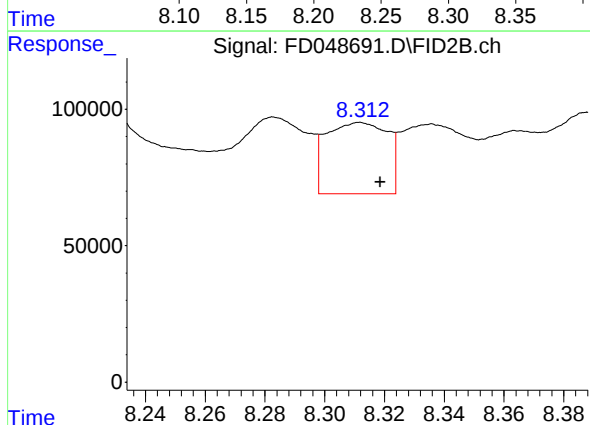
R.T.: 8.011 min
Delta R.T.: -0.015 min
Response: 1938435
Conc: 11.04 ug/ml



#6 2-Fluorobiphenyl (SURR)

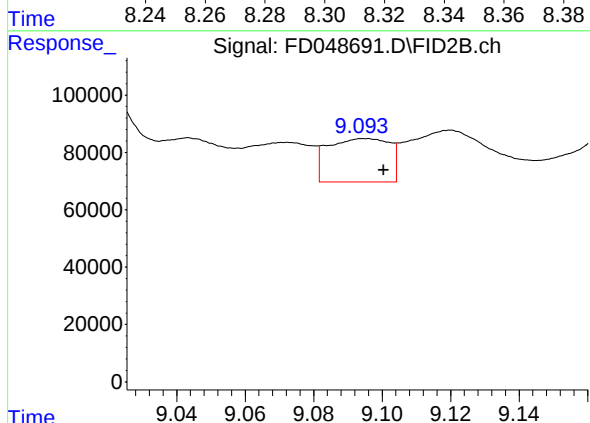
R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 858036
Conc: 8.74 ug/ml

Instrument :
FID_D
ClientSampleId :



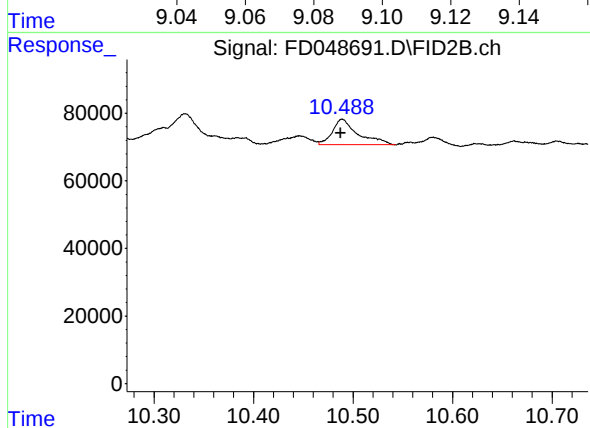
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 371962
Conc: 2.10 ug/ml



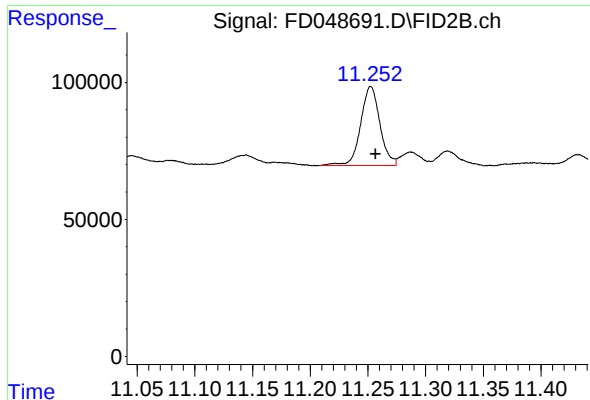
#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.005 min
Response: 189885
Conc: 1.12 ug/ml



#9 Phenanthrene (C19.36)

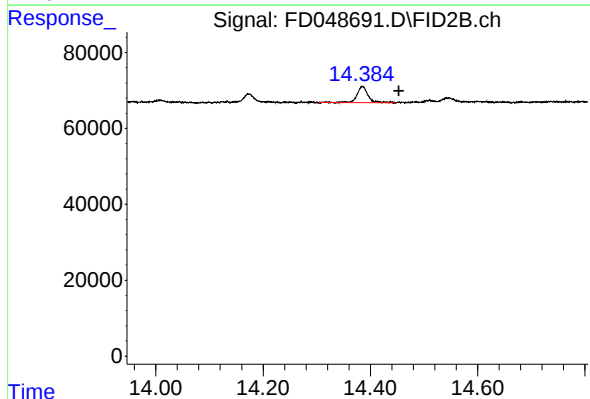
R.T.: 10.489 min
Delta R.T.: 0.002 min
Response: 133953
Conc: 0.81 ug/ml



#11 ortho-Terphenyl (SURR)

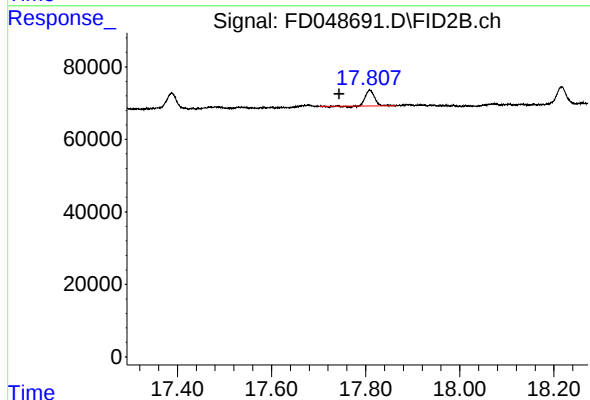
R.T.: 11.252 min
Delta R.T.: -0.004 min
Response: 336608
Conc: 1.98 ug/ml

Instrument :
FID_D
ClientSampleId :



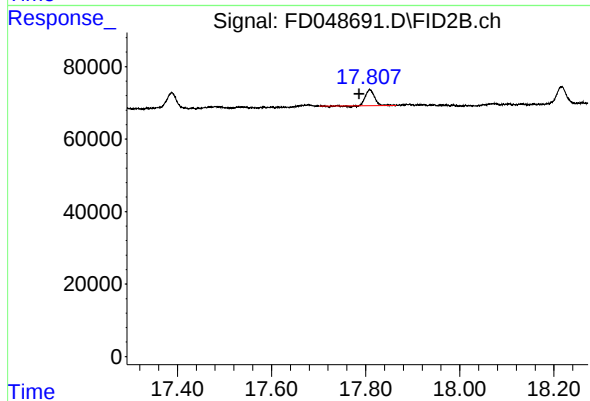
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.385 min
Delta R.T.: -0.068 min
Response: 60382
Conc: 0.41 ug/ml



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

R.T.: 17.809 min
Delta R.T.: 0.065 min
Response: 55488
Conc: 0.43 ug/ml



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

R.T.: 17.809 min
Delta R.T.: 0.022 min
Response: 55488
Conc: 0.34 ug/ml