

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111524AR\
 Data File : FD048751.D
 Signal(s) : FID2B.ch
 Acq On : 15 Nov 2024 18:54
 Operator : YP/AJ
 Sample : P4839-12
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 09:52:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.367	8999575	51.117 ug/ml
Spiked Amount 50.000		Recovery =	102.23%
6) S 2-Fluorobiphenyl (SURR)	8.217	5209606	45.234 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.47%
11) S ortho-Terphenyl (SURR)	11.252	5163259	26.845 ug/ml
Spiked Amount 50.000		Recovery =	53.69%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.755	811477	4.246 ug/ml
7) T Acenaphthene (C15.5)	8.278	125113	0.650 ug/ml
8) T Flouorene (C16.55)	9.095	343112	1.788 ug/ml
9) T Phenanthrene (C19.36)	10.481	611039	3.333 ug/ml
10) T Anthracene (C19.43)	10.559	357852	1.911 ug/ml
12) T Fluoranthene (C21.85)	12.288	312225	1.705 ug/ml
13) T Pyrene (C20.8)	12.581	176151	0.974 ug/ml

(f)=RT Delta > 1/2 Window

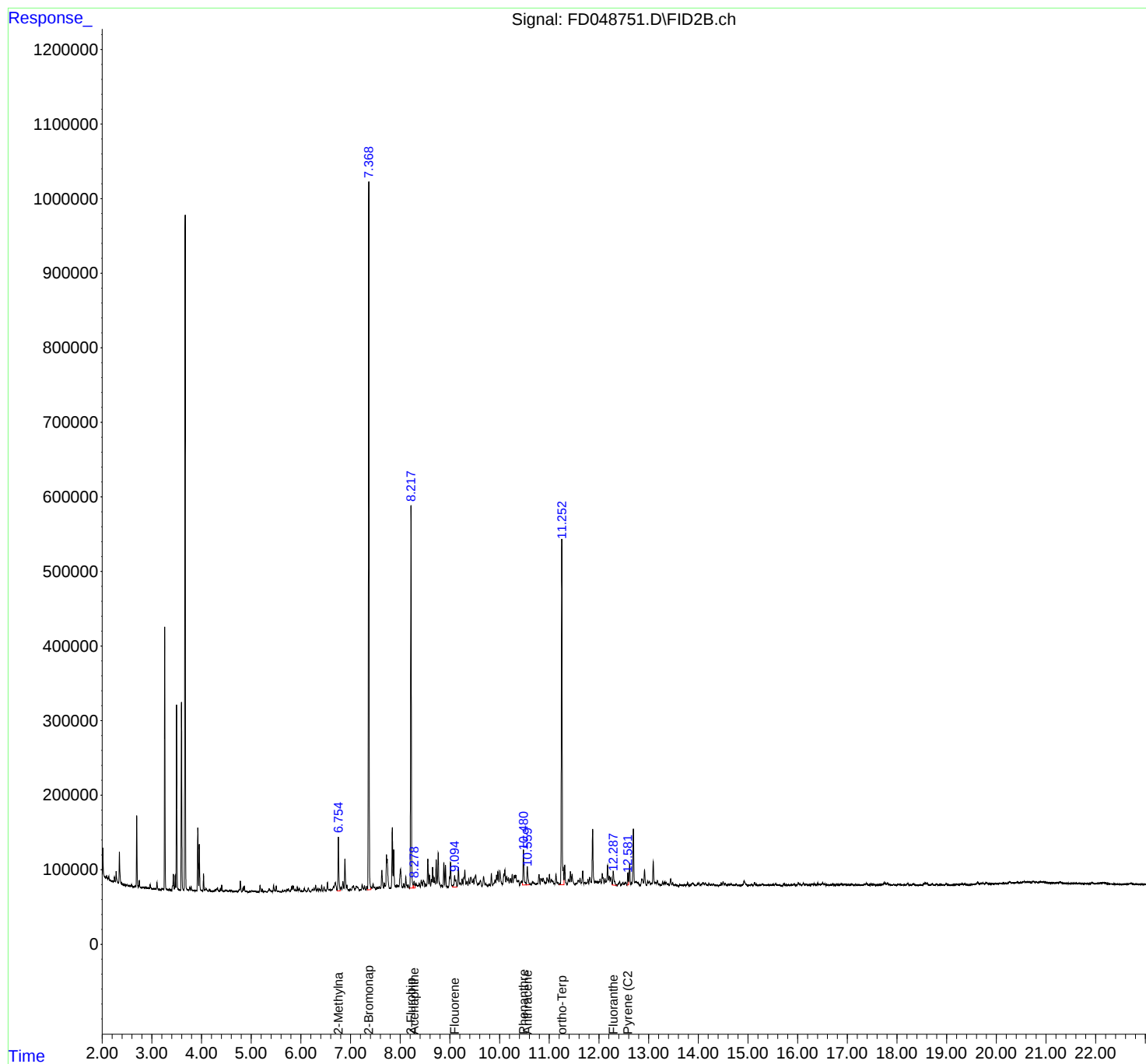
(m)=manual int.

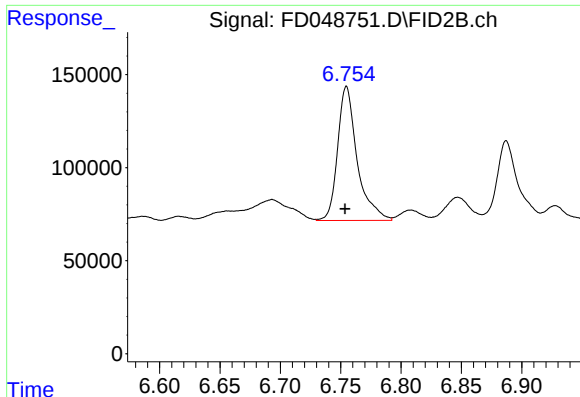
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

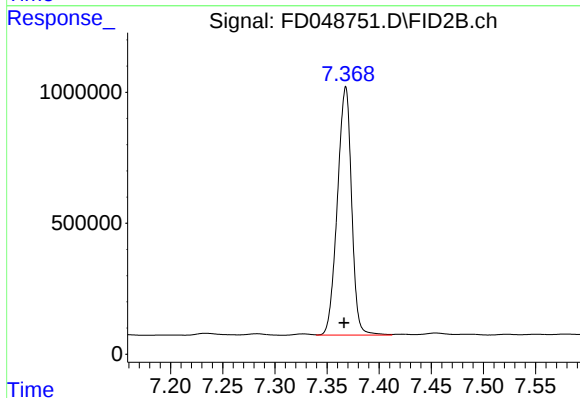




#3 2-Methylnaphthalene (C12.89)

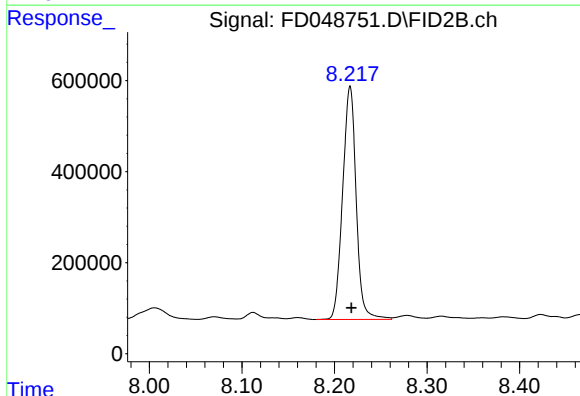
R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 811477
Conc: 4.25 ug/ml

Instrument :
FID_D
ClientSampleId :



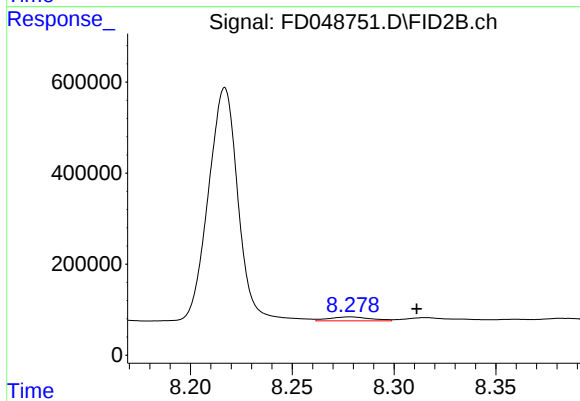
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.001 min
Response: 8999575
Conc: 51.12 ug/ml



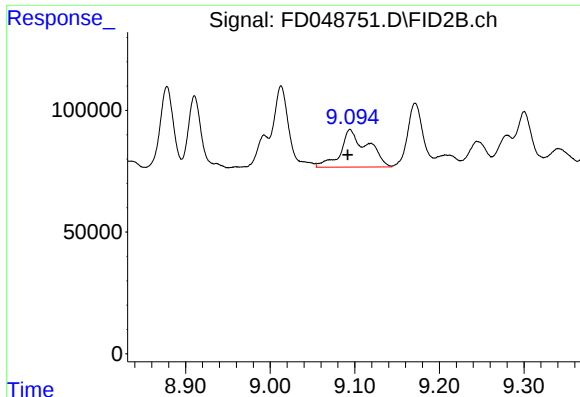
#6 2-Flurobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 5209606
Conc: 45.23 ug/ml



#7 Acenaphthene (C15.5)

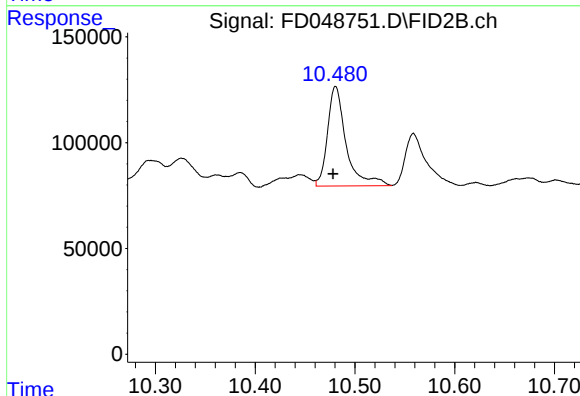
R.T.: 8.278 min
Delta R.T.: -0.033 min
Response: 125113
Conc: 0.65 ug/ml



#8 Flouorene (C16.55)

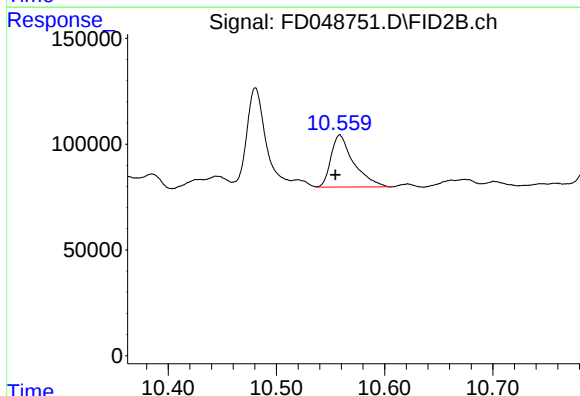
R.T.: 9.095 min
Delta R.T.: 0.003 min
Response: 343112
Conc: 1.79 ug/ml

Instrument :
FID_D
ClientSampleId :



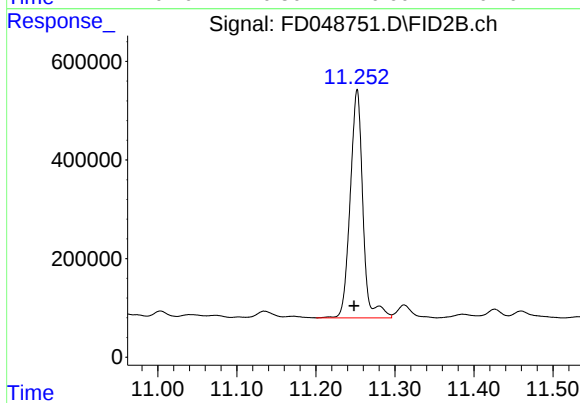
#9 Phenanthrene (C19.36)

R.T.: 10.481 min
Delta R.T.: 0.003 min
Response: 611039
Conc: 3.33 ug/ml



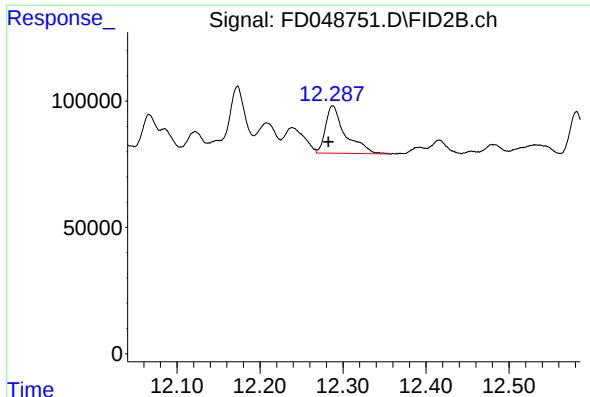
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: 0.004 min
Response: 357852
Conc: 1.91 ug/ml



#11 ortho-Terphenyl (SURR)

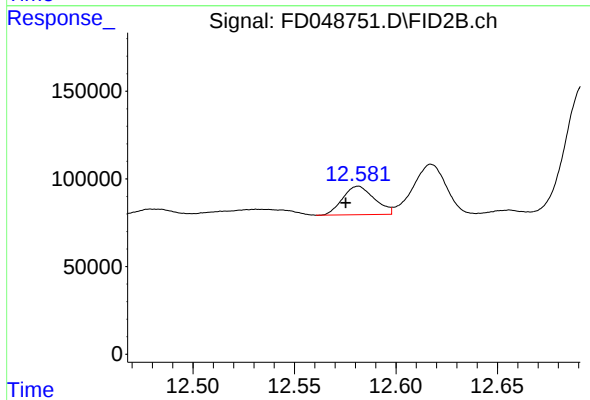
R.T.: 11.252 min
Delta R.T.: 0.003 min
Response: 5163259
Conc: 26.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: 0.005 min
Response: 312225
Conc: 1.71 ug/ml

Instrument :
FID_D
ClientSampleId :



#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: 0.006 min
Response: 176151
Conc: 0.97 ug/ml