

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AR\
 Data File : FD040182.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2021 14:17
 Operator : AJ\MA
 Sample : M5092-01DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:49:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:19:03 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.831	880838	6.080 ug/ml
Spiked Amount 50.000		Recovery =	12.16%
6) S 2-Fluorobiphenyl (SURR)	7.683	590490	6.011 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	12.02%
11) S ortho-Terphenyl (SURR)	10.722	473561	3.067 ug/ml
Spiked Amount 50.000		Recovery =	6.13%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.307f	48201	0.289 ug/ml
5) T Acenaphthylene (C15.06)	7.506	50988	0.322 ug/ml
7) T Acenaphthene (C15.5)	7.752f	93194	0.549 ug/ml
9) T Phenanthrene (C19.36)	9.994	333736	2.236 ug/ml
10) T Anthracene (C19.43)	10.098	44074	0.296 ug/ml
12) T Fluoranthene (C21.85)	11.790	55588	0.388 ug/ml
17) T Bnezo[k]fluoranthene ...	15.583	534942	4.224 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.897	40263	0.334 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.263	642346	5.474 ug/ml
20) T Dibenz[a,h]anthracene...	17.263	642346	5.444 ug/ml
21) T Benzo[g,h,i]perylene ...	17.487	4841055	42.140 ug/ml

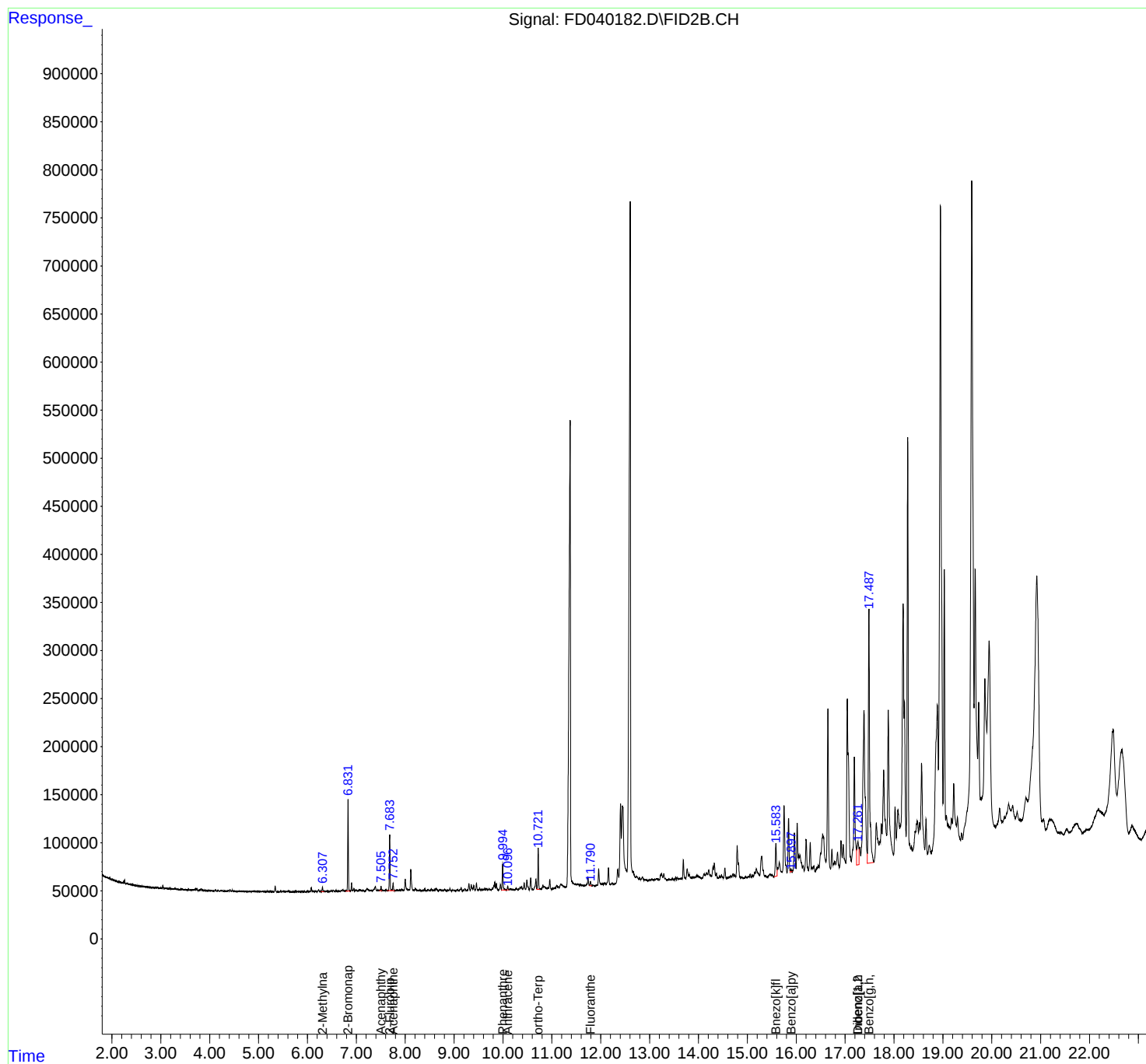
(f)=RT Delta > 1/2 Window

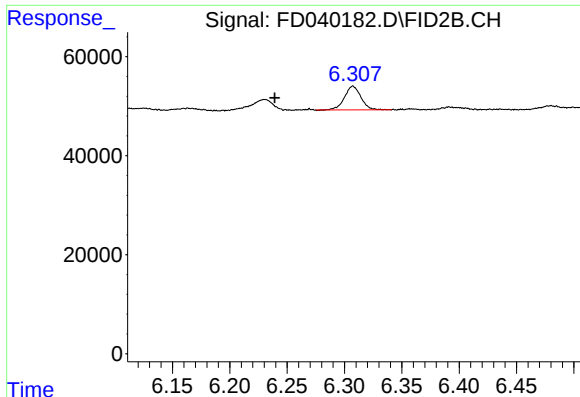
(m)=manual int.

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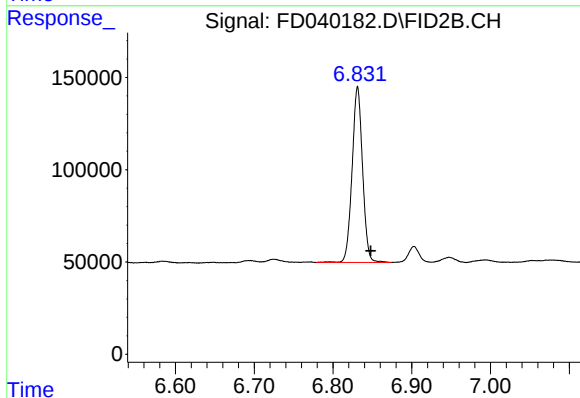
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





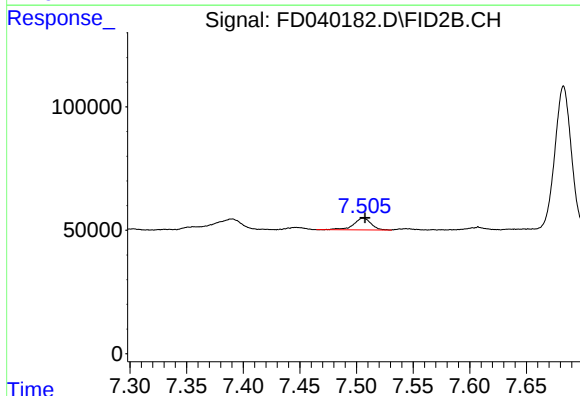
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.307 min
Delta R.T.: 0.068 min
Response: 48201
Conc: 0.29 ug/ml



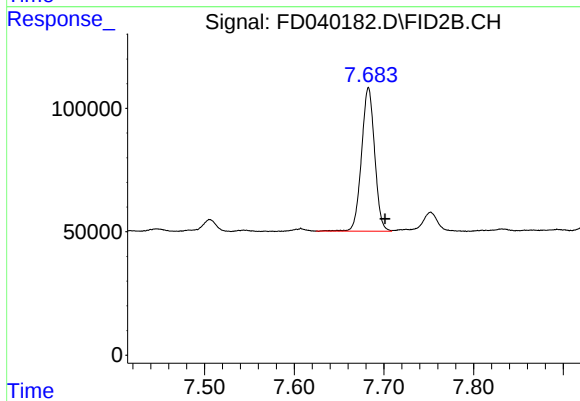
#4 2-Bromonaphthalene (SURR)

R.T.: 6.831 min
Delta R.T.: -0.017 min
Response: 880838
Conc: 6.08 ug/ml



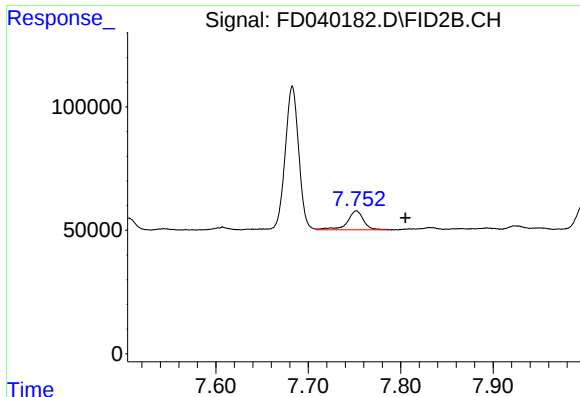
#5 Acenaphthylene (C15.06)

R.T.: 7.506 min
Delta R.T.: -0.002 min
Response: 50988
Conc: 0.32 ug/ml



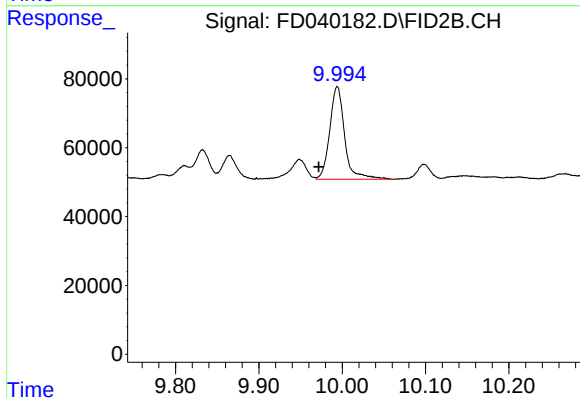
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.683 min
Delta R.T.: -0.019 min
Response: 590490
Conc: 6.01 ug/ml



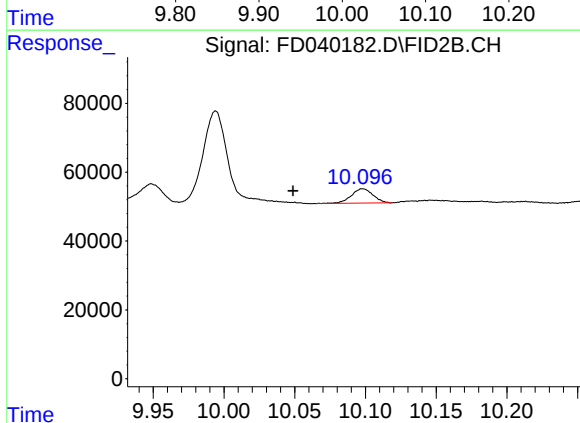
#7 Acenaphthene (C15.5)

R.T.: 7.752 min
Delta R.T.: -0.053 min
Response: 93194
Conc: 0.55 ug/ml



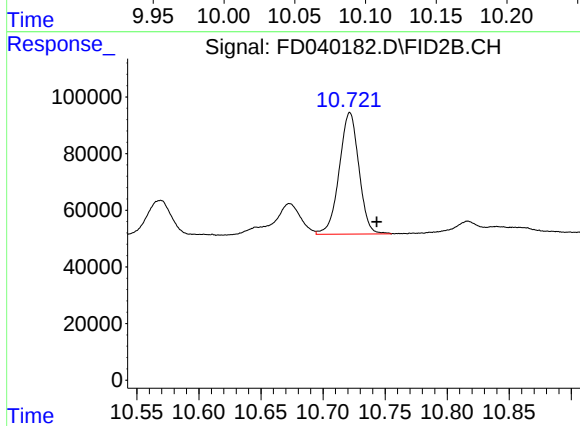
#9 Phenanthrene (C19.36)

R.T.: 9.994 min
Delta R.T.: 0.022 min
Response: 333736
Conc: 2.24 ug/ml



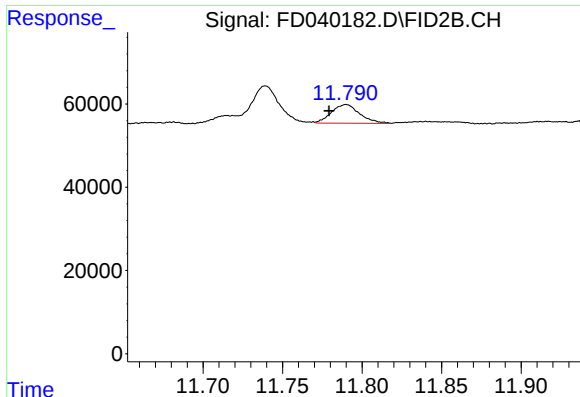
#10 Anthracene (C19.43)

R.T.: 10.098 min
Delta R.T.: 0.049 min
Response: 44074
Conc: 0.30 ug/ml



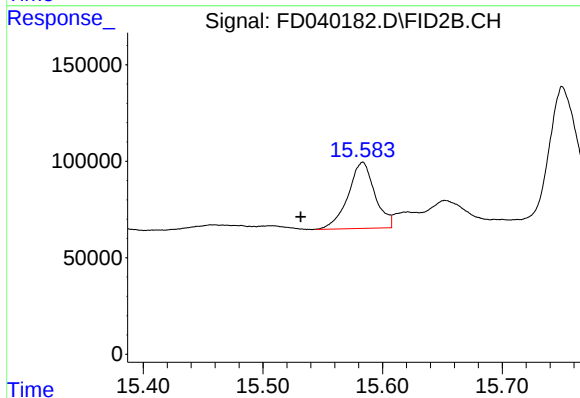
#11 ortho-Terphenyl (SURR)

R.T.: 10.722 min
Delta R.T.: -0.022 min
Response: 473561
Conc: 3.07 ug/ml



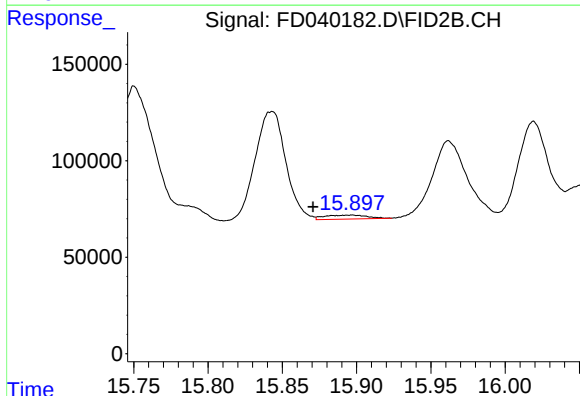
#12 Fluoranthene (C21.85)

R.T.: 11.790 min
Delta R.T.: 0.011 min
Response: 55588
Conc: 0.39 ug/ml



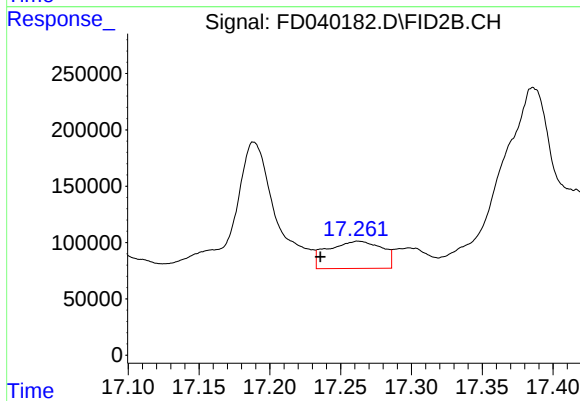
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.583 min
Delta R.T.: 0.052 min
Response: 534942
Conc: 4.22 ug/ml



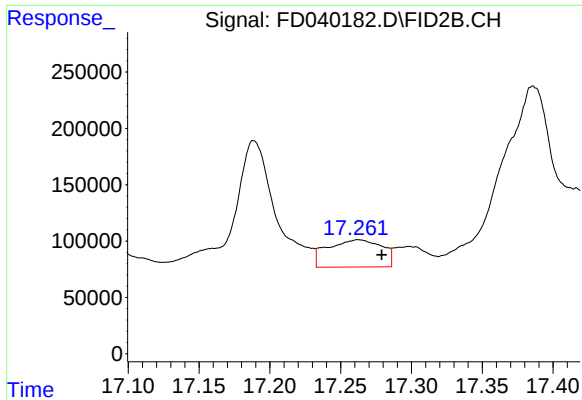
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.897 min
Delta R.T.: 0.026 min
Response: 40263
Conc: 0.33 ug/ml



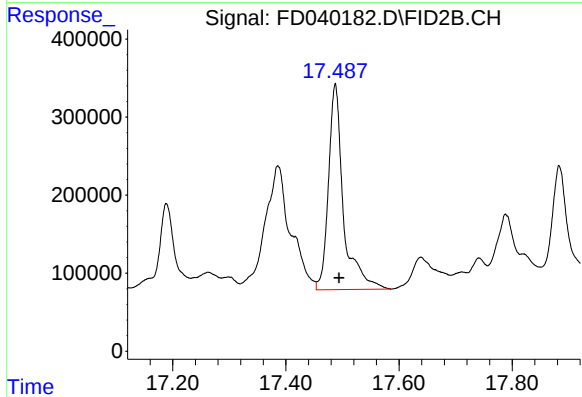
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.263 min
Delta R.T.: 0.027 min
Response: 642346
Conc: 5.47 ug/ml



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

R.T.: 17.263 min
Delta R.T.: -0.016 min
Response: 642346
Conc: 5.44 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.487 min
Delta R.T.: -0.007 min
Response: 4841055
Conc: 42.14 ug/ml