

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044894.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jan 2023 01:21
 Operator : YP/AJ
 Sample : 01251-15
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:52:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.561	6947945	47.374 ug/ml
Spiked Amount 50.000		Recovery =	94.75%
6) S 2-Fluorobiphenyl (SURR)	8.417	4654780	46.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.27%
11) S ortho-Terphenyl (SURR)	11.457	6551703	35.251 ug/ml
Spiked Amount 50.000		Recovery =	70.50%
Target Compounds			
9) T Phenanthrene (C19.36)	10.681	79590	0.492 ug/ml
12) T Fluoranthene (C21.85)	12.484	159503	0.997 ug/ml
13) T Pyrene (C20.8)	12.779	115374	0.735 ug/ml
14) T Benzo[a]anthracene (C...	14.643	57664	0.404 ug/ml
15) T Chrysene (C27.41)	14.684	82548	0.558 ug/ml
16) T benzo[b]fluoranthene ...	16.186	65571	0.452 ug/ml
17) T Bnezo[k]fluoranthene ...	16.186	65571	0.460 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	70593	0.505 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.921	197132	1.465 ug/ml
20) T Dibenz[a,h]anthracene...	17.993	107711	0.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	46910	0.345 ug/ml

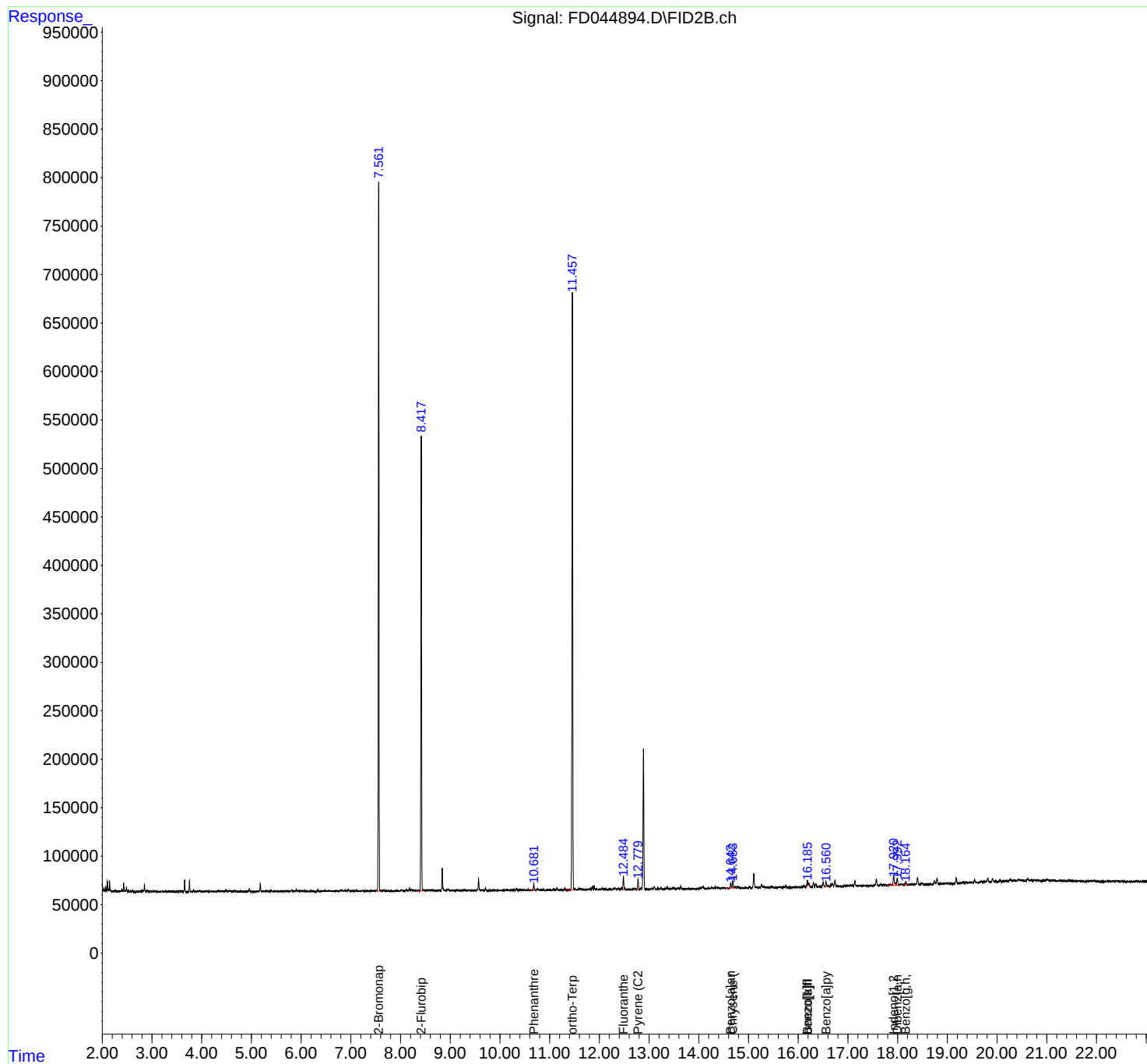
(f)=RT Delta > 1/2 Window

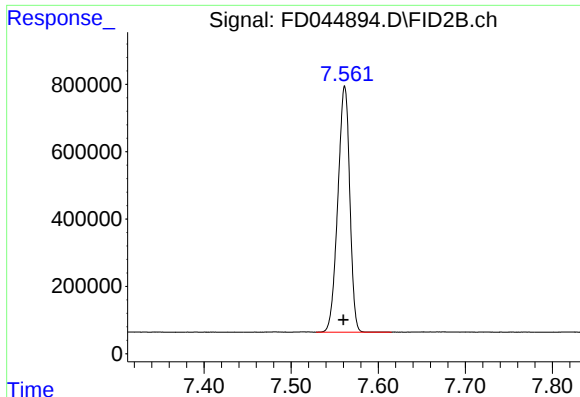
(m)=manual int.

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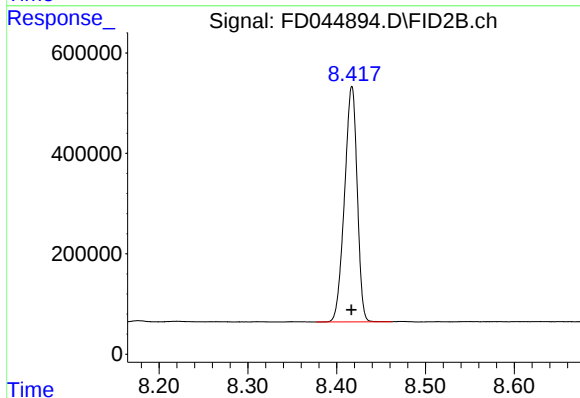
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





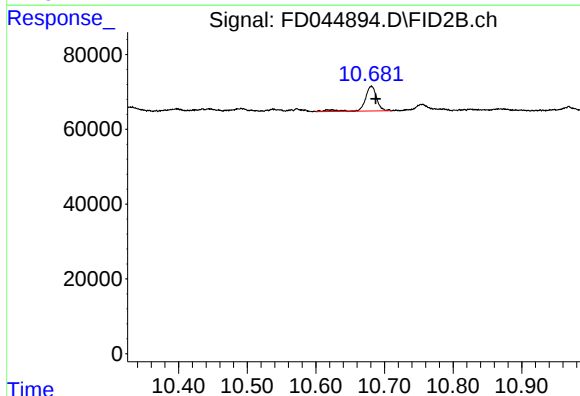
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.561 min
Delta R.T.: 0.001 min
Response: 6947945
Conc: 47.37 ug/ml



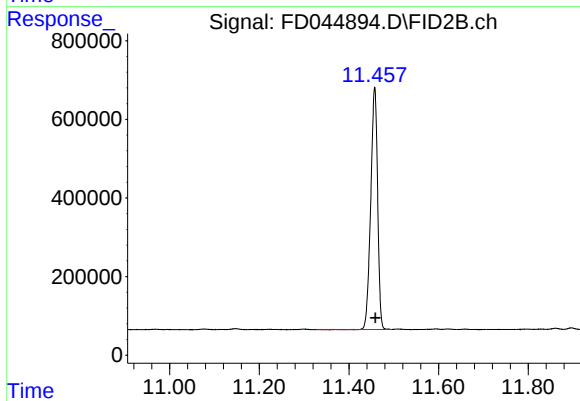
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 4654780
Conc: 46.64 ug/ml



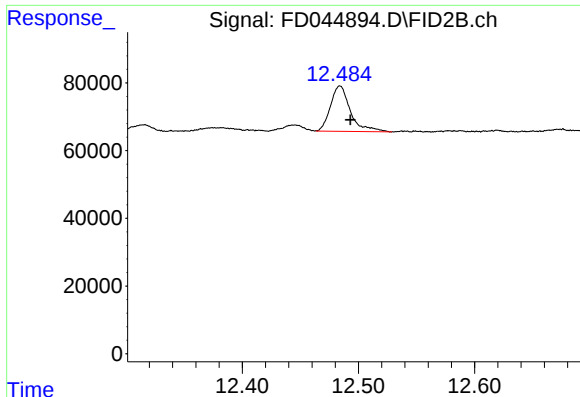
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: -0.006 min
Response: 79590
Conc: 0.49 ug/ml



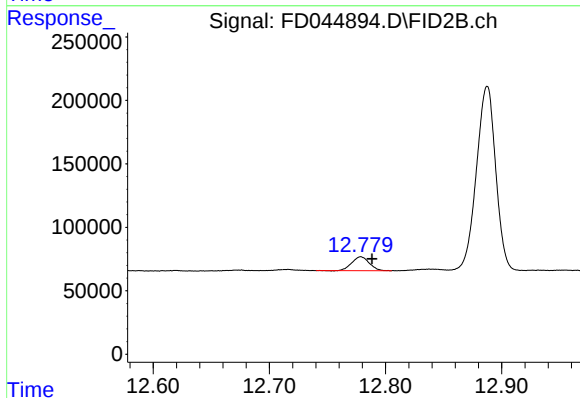
#11 ortho-Terphenyl (SURRE)

R.T.: 11.457 min
Delta R.T.: -0.002 min
Response: 6551703
Conc: 35.25 ug/ml



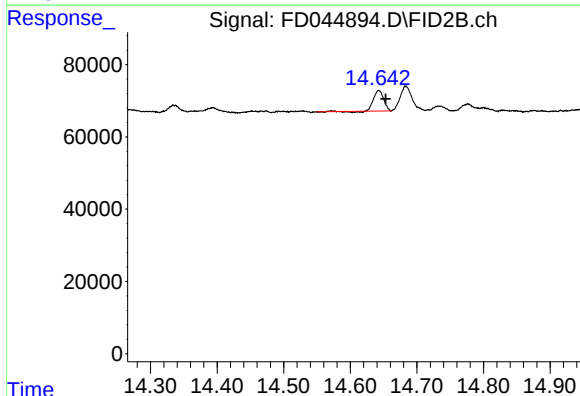
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.009 min
Response: 159503
Conc: 1.00 ug/ml



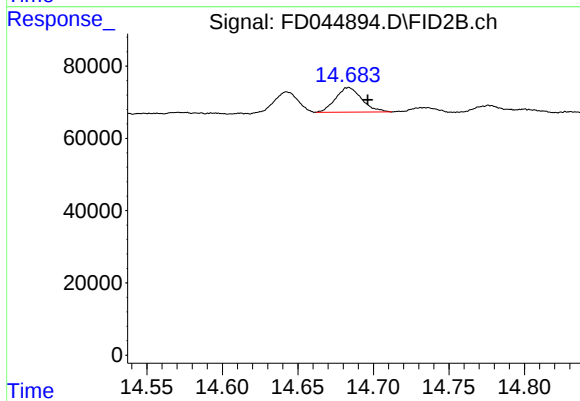
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.010 min
Response: 115374
Conc: 0.74 ug/ml



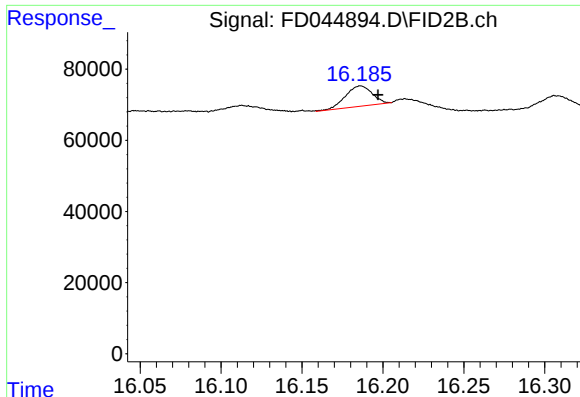
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.011 min
Response: 57664
Conc: 0.40 ug/ml



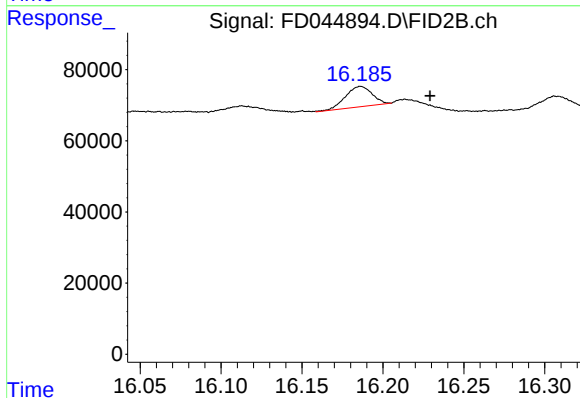
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: -0.012 min
Response: 82548
Conc: 0.56 ug/ml



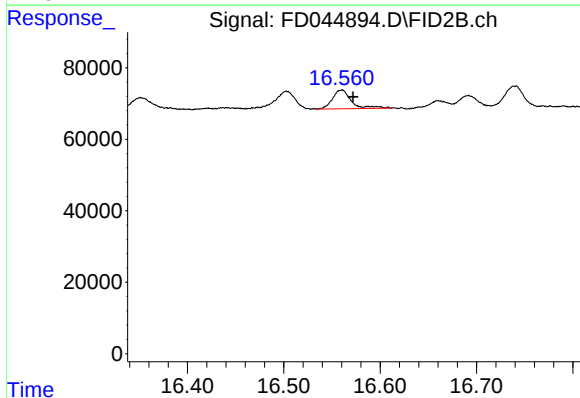
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: -0.011 min
Response: 65571
Conc: 0.45 ug/ml



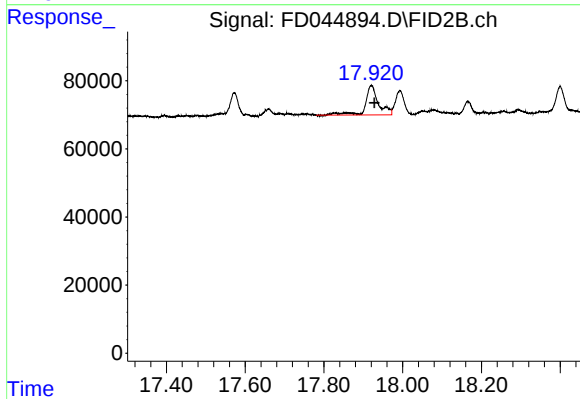
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.186 min
Delta R.T.: -0.043 min
Response: 65571
Conc: 0.46 ug/ml



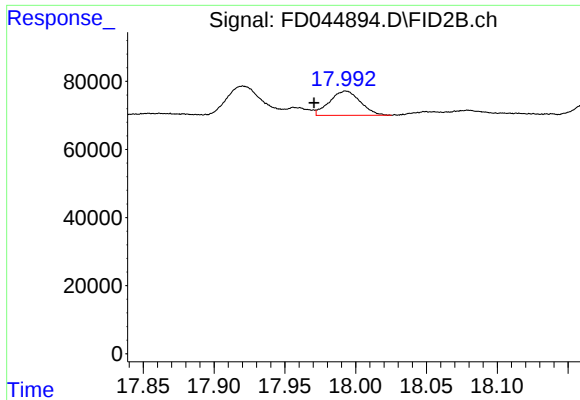
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.012 min
Response: 70593
Conc: 0.51 ug/ml



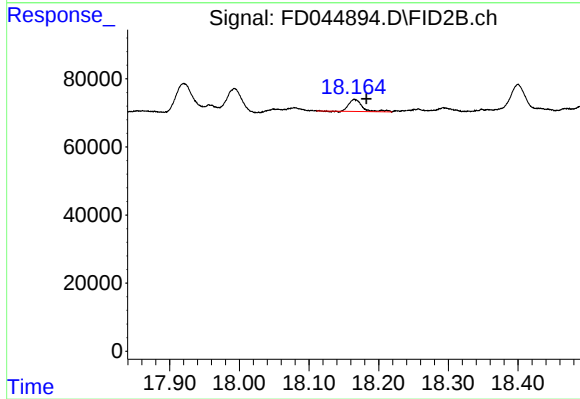
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.921 min
Delta R.T.: -0.007 min
Response: 197132
Conc: 1.46 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.022 min
Response: 107711
Conc: 0.81 ug/ml



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

R.T.: 18.166 min
Delta R.T.: -0.017 min
Response: 46910
Conc: 0.35 ug/ml