

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044885.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2023 19:03
 Operator : YP/AJ
 Sample : 01243-02
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:35:36 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...	7.560	6212308	42.358 ug/ml
Spiked Amount 50.000		Recovery =	84.72%
6) S 2-Fluorobiphenyl (SURR)	8.416	3846960	38.542 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.08%
11) S ortho-Terphenyl (SURR)	11.454	2746535	14.777 ug/ml
Spiked Amount 50.000		Recovery =	29.55%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.176	39165	0.249 ug/ml
9) T Phenanthrene (C19.36)	10.680	216017	1.336 ug/ml
10) T Anthracene (C19.43)	10.754	57899	0.391 ug/ml
12) T Fluoranthene (C21.85)	12.484	214301	1.339 ug/ml
13) T Pyrene (C20.8)	12.780	180271	1.149 ug/ml
14) T Benzo[a]anthracene (C...	14.643	115478	0.809 ug/ml
15) T Chrysene (C27.41)	14.683	107196	0.724 ug/ml
16) T benzo[b]fluoranthene ...	16.186	115556	0.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	53402	0.375 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	95876	0.686 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	93940	0.698 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	134291	1.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	84074	0.618 ug/ml

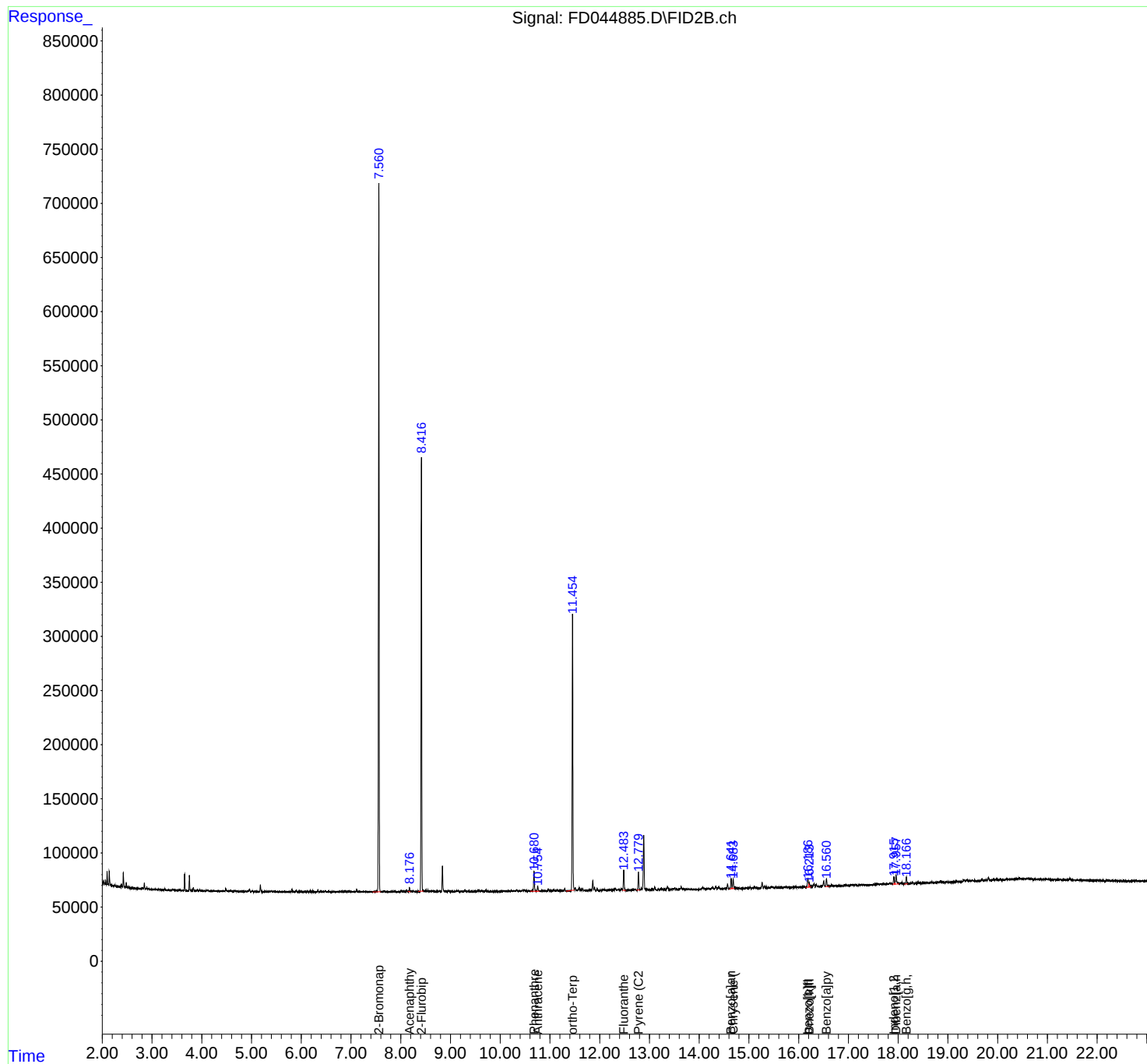
(f)=RT Delta > 1/2 Window

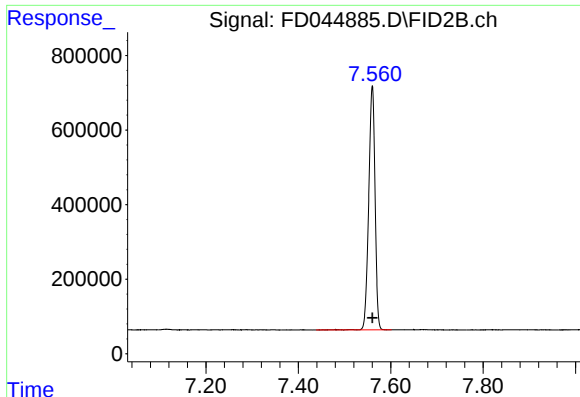
(m)=manual int.

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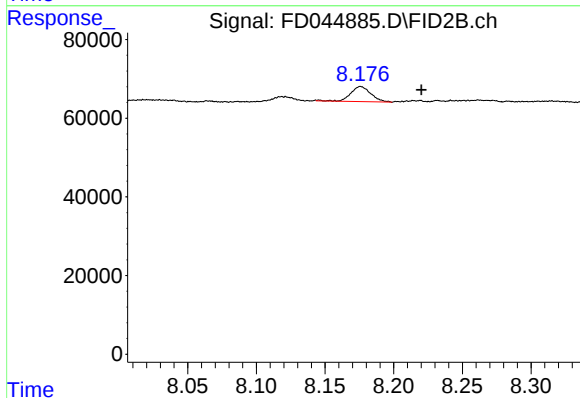
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





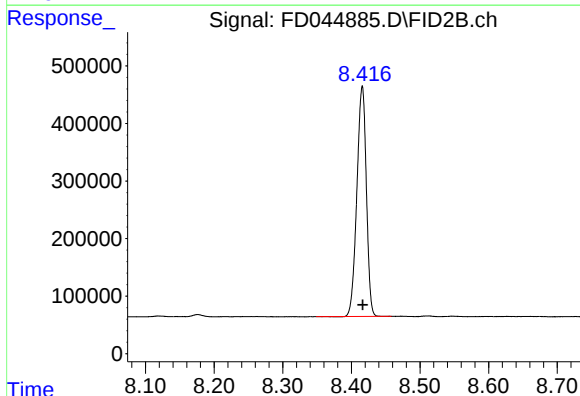
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 6212308
Conc: 42.36 ug/ml



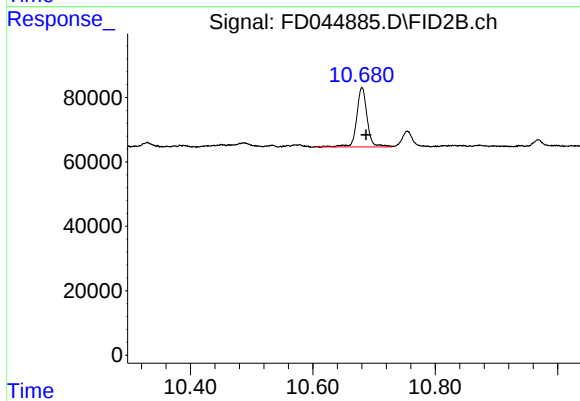
#5 Acenaphthylene (C15.06)

R.T.: 8.176 min
Delta R.T.: -0.044 min
Response: 39165
Conc: 0.25 ug/ml



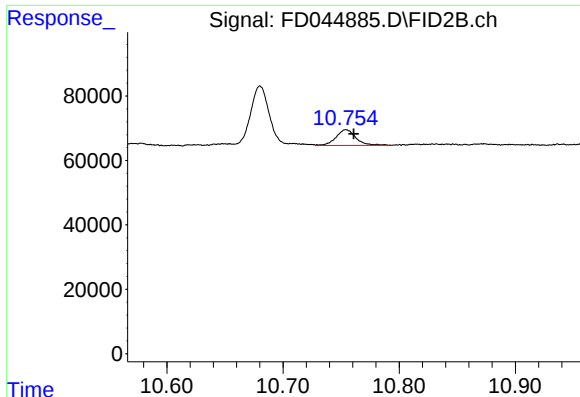
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.416 min
Delta R.T.: -0.001 min
Response: 3846960
Conc: 38.54 ug/ml



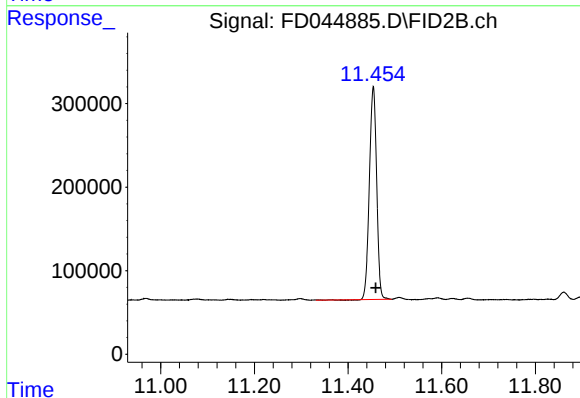
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 216017
Conc: 1.34 ug/ml



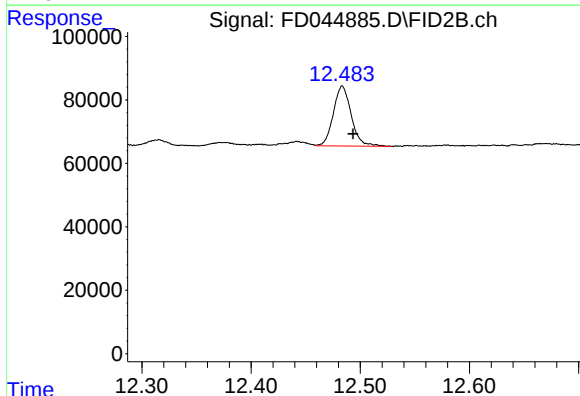
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.007 min
Response: 57899
Conc: 0.39 ug/ml



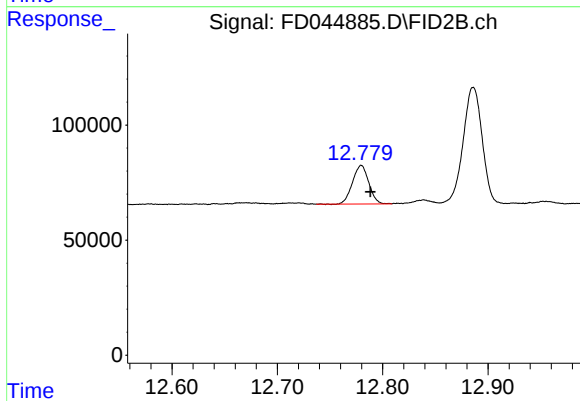
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 2746535
Conc: 14.78 ug/ml



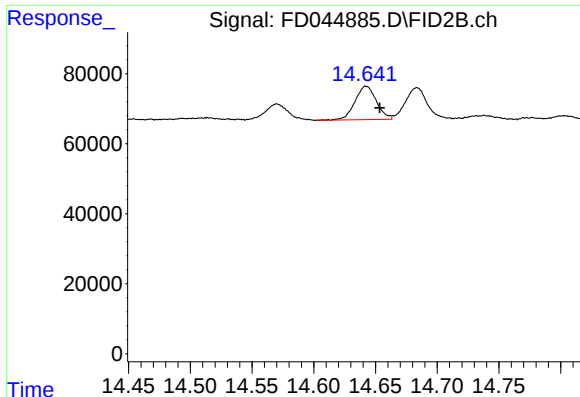
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.010 min
Response: 214301
Conc: 1.34 ug/ml



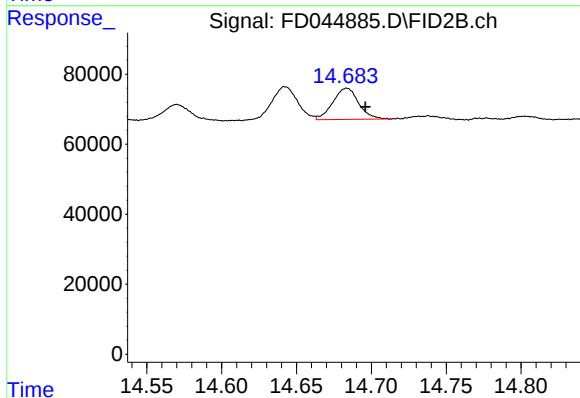
#13 Pyrene (C20.8)

R.T.: 12.780 min
Delta R.T.: -0.009 min
Response: 180271
Conc: 1.15 ug/ml



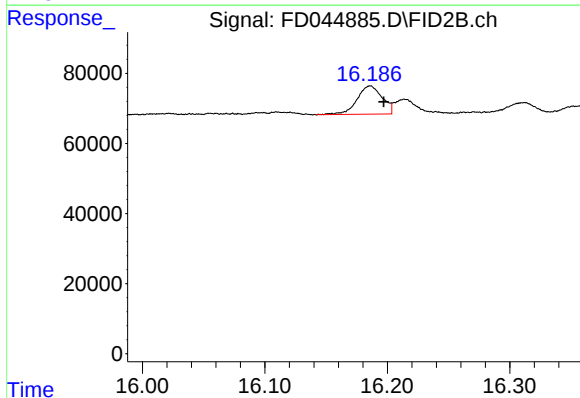
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.011 min
Response: 115478
Conc: 0.81 ug/ml



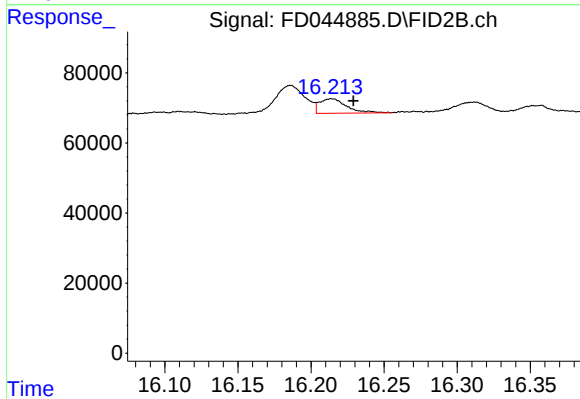
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.013 min
Response: 107196
Conc: 0.72 ug/ml



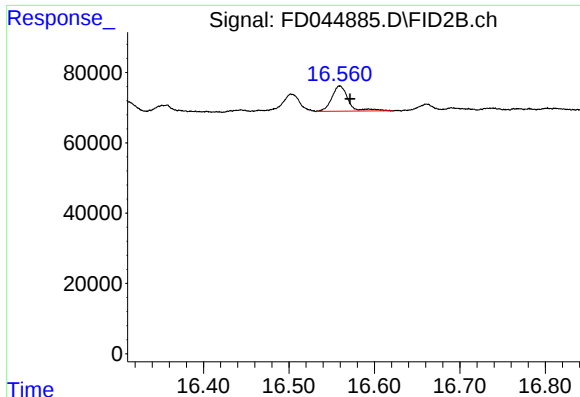
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: -0.011 min
Response: 115556
Conc: 0.80 ug/ml



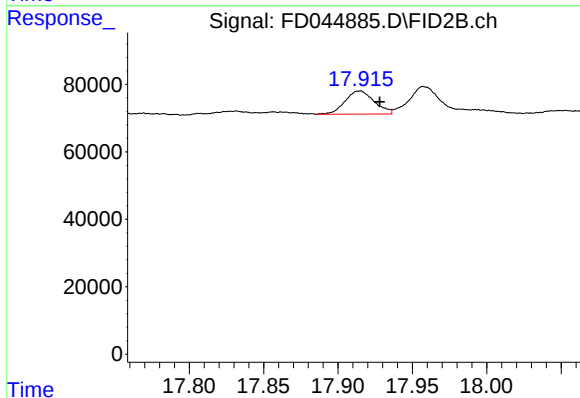
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.214 min
Delta R.T.: -0.015 min
Response: 53402
Conc: 0.37 ug/ml



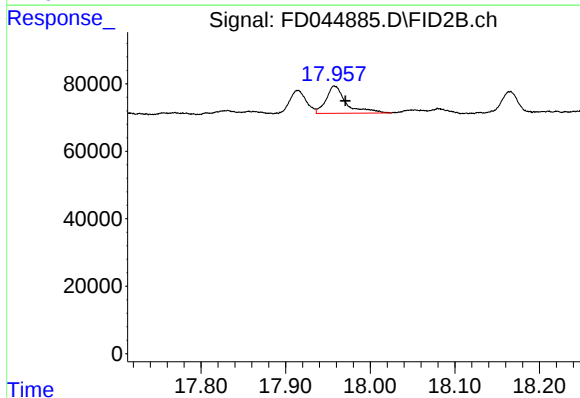
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.012 min
Response: 95876
Conc: 0.69 ug/ml



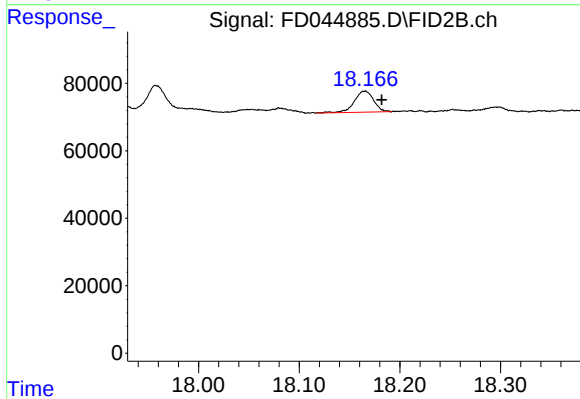
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: -0.014 min
Response: 93940
Conc: 0.70 ug/ml



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

R.T.: 17.958 min
Delta R.T.: -0.013 min
Response: 134291
Conc: 1.01 ug/ml



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

R.T.: 18.165 min
Delta R.T.: -0.017 min
Response: 84074
Conc: 0.62 ug/ml