

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012523AR\
 Data File : FD044900.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jan 2023 10:02
 Operator : YP/AJ
 Sample : 01243-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 05:30:09 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	6425344	43.811 ug/ml
Spiked Amount 50.000		Recovery =	87.62%
6) S 2-Fluorobiphenyl (SURR)	8.416	3997115	40.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.09%
11) S ortho-Terphenyl (SURR)	11.456	4608601	24.796 ug/ml
Spiked Amount 50.000		Recovery =	49.59%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.176	37335	0.238 ug/ml
9) T Phenanthrene (C19.36)	10.680	213711	1.322 ug/ml
10) T Anthracene (C19.43)	10.755	60726	0.410 ug/ml
12) T Fluoranthene (C21.85)	12.485	225389	1.408 ug/ml
13) T Pyrene (C20.8)	12.780	186621	1.189 ug/ml
14) T Benzo[a]anthracene (C...	14.642	114897	0.805 ug/ml
15) T Chrysene (C27.41)	14.683	111479	0.753 ug/ml
16) T benzo[b]fluoranthene ...	16.185	66712	0.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	66712	0.468 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	93831	0.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	49067	0.365 ug/ml
20) T Dibenz[a,h]anthracene...	17.913	49067	0.370 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	67918	0.500 ug/ml

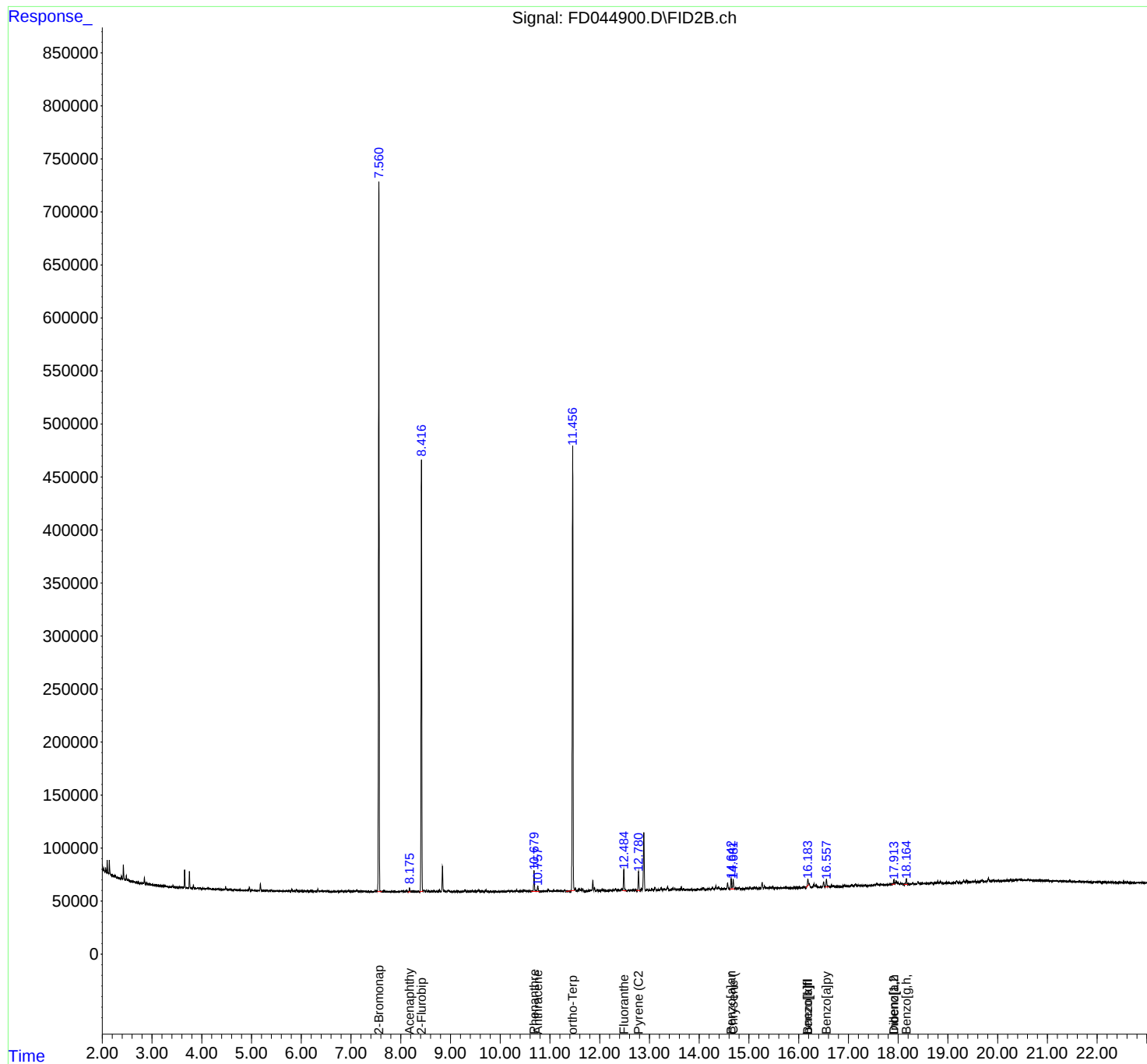
(f)=RT Delta > 1/2 Window

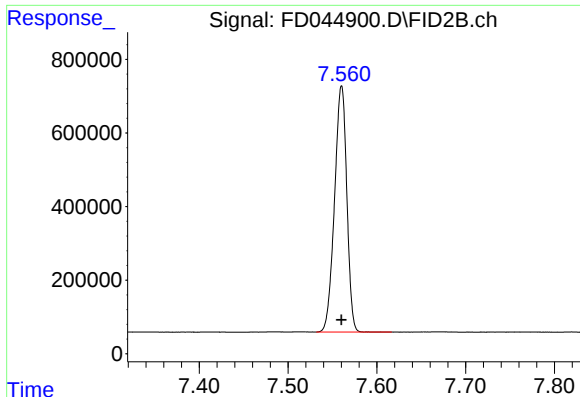
(m)=manual int.

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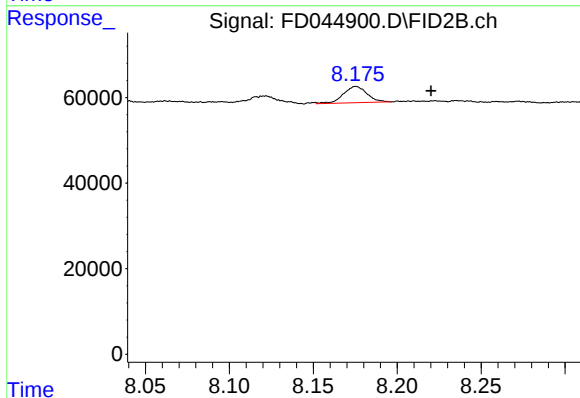
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





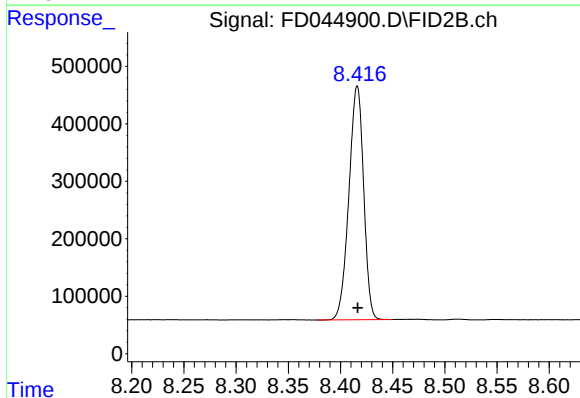
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 6425344
Conc: 43.81 ug/ml



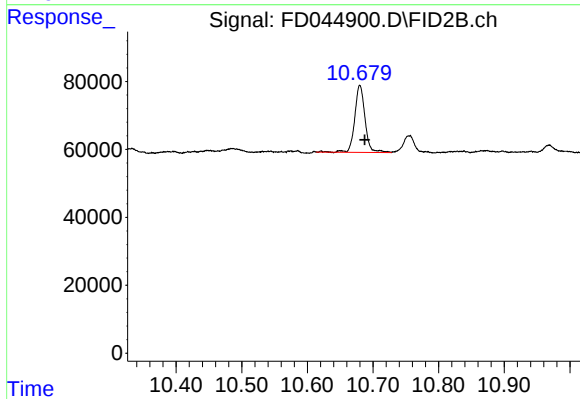
#5 Acenaphthylene (C15.06)

R.T.: 8.176 min
Delta R.T.: -0.045 min
Response: 37335
Conc: 0.24 ug/ml



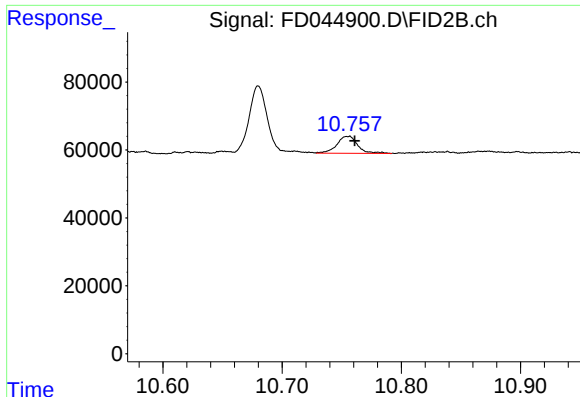
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 3997115
Conc: 40.05 ug/ml



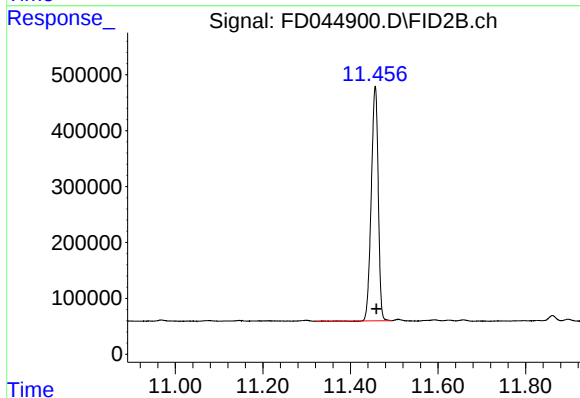
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 213711
Conc: 1.32 ug/ml



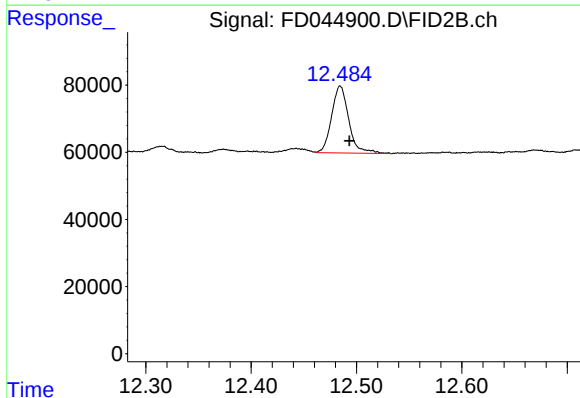
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 60726
Conc: 0.41 ug/ml



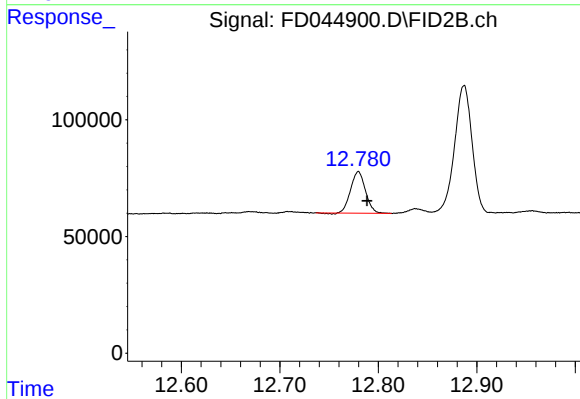
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 4608601
Conc: 24.80 ug/ml



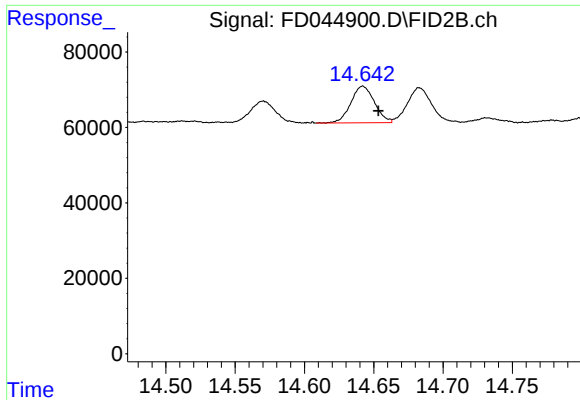
#12 Fluoranthene (C21.85)

R.T.: 12.485 min
Delta R.T.: -0.009 min
Response: 225389
Conc: 1.41 ug/ml



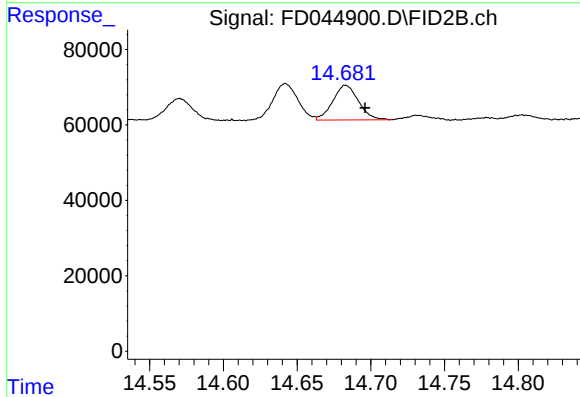
#13 Pyrene (C20.8)

R.T.: 12.780 min
Delta R.T.: -0.009 min
Response: 186621
Conc: 1.19 ug/ml



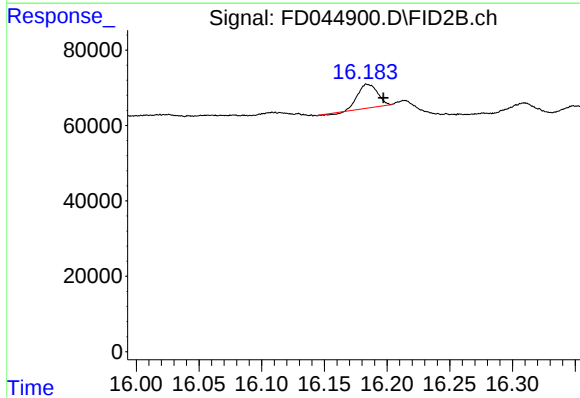
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: -0.011 min
Response: 114897
Conc: 0.81 ug/ml



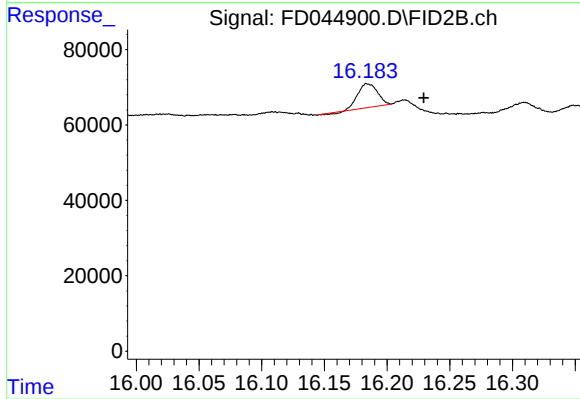
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.013 min
Response: 111479
Conc: 0.75 ug/ml



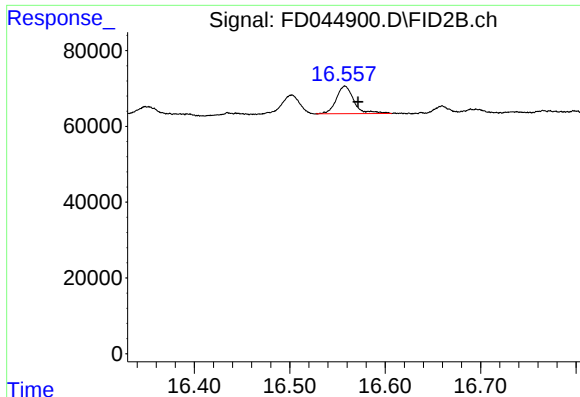
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 66712
Conc: 0.46 ug/ml



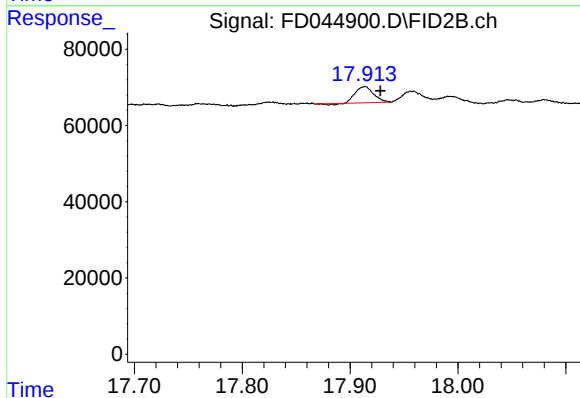
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.185 min
Delta R.T.: -0.044 min
Response: 66712
Conc: 0.47 ug/ml



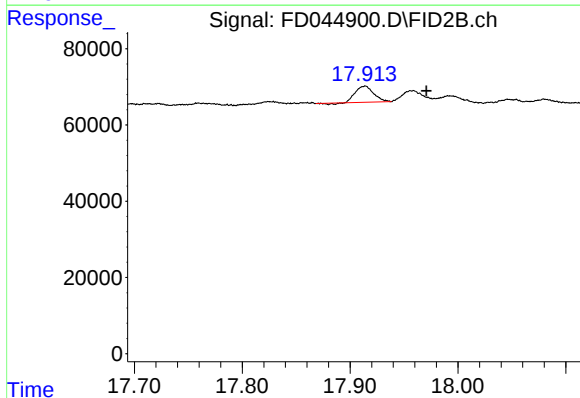
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: -0.014 min
Response: 93831
Conc: 0.67 ug/ml



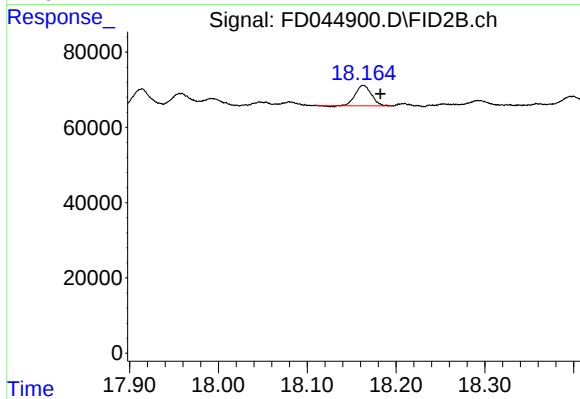
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: -0.015 min
Response: 49067
Conc: 0.36 ug/ml



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

R.T.: 17.913 min
Delta R.T.: -0.057 min
Response: 49067
Conc: 0.37 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.019 min
Response: 67918
Conc: 0.50 ug/ml