

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112822AR\
 Data File : FD044521.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 09:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 29 02:56:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 2022
 Response via : Initial Calibration
 Integrator: ChemStation

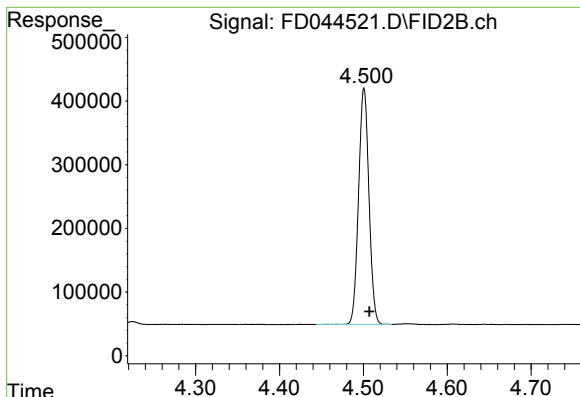
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.686	2903005	21.453 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
6) S 2-Fluorobiphenyl (SURR)	8.545	1974727	21.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.577	3665321	21.363 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3186185	21.859 ug/ml
2) T Naphthalene (C11.7)	6.032	3359854	21.579 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3374368	21.358 ug/ml
5) T Acenaphthylene (C15.06)	8.349	3057999	20.279 ug/ml
7) T Acenaphthene (C15.5)	8.644	3278751	21.189 ug/ml
8) T Fluorene (C16.55)	9.421	3240971	21.074 ug/ml
9) T Phenanthrene (C19.36)	10.812	3177307	21.129 ug/ml
10) T Anthracene (C19.43)	10.886	2767149	18.887 ug/ml
12) T Fluoranthene (C21.85)	12.615	3208738	21.114 ug/ml
13) T Pyrene (C20.8)	12.911	3132081	21.070 ug/mlm
14) T Benzo[a]anthracene (C...	14.772	2880657	20.580 ug/mlm
15) T Chrysene (C27.41)	14.815	3096102	21.141 ug/mlm
16) T benzo[b]fluoranthene ...	16.314	3010699	20.934 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.347	2963232	20.841 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.689	2813952	20.113 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.047	2788127	20.448 ug/mlm
20) T Dibenz[a,h]anthracene...	18.088	2901202	21.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2867420	21.005 ug/mlm

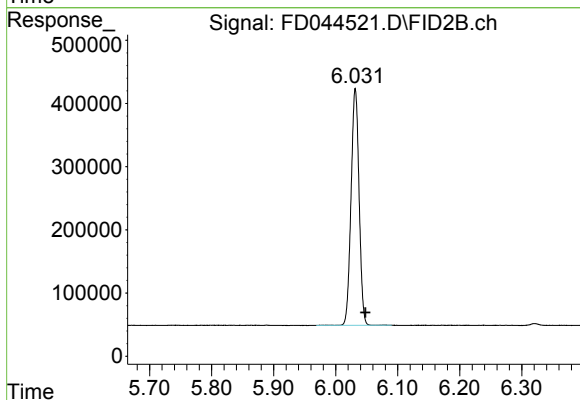
(f)=RT Delta > 1/2 Window

(m)=manual int.



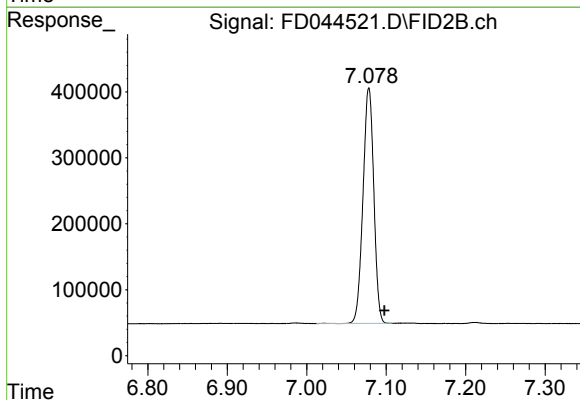
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 3186185
Conc: 21.86 ug/ml



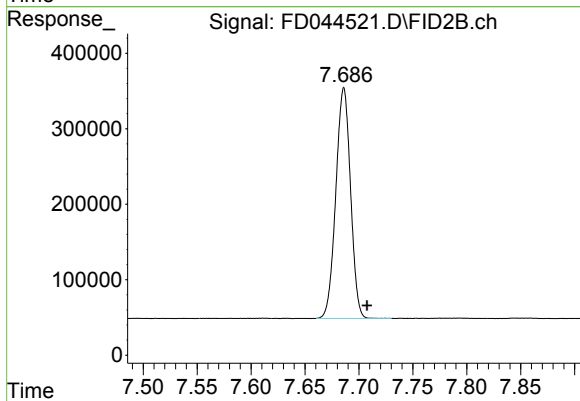
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.016 min
Response: 3359854
Conc: 21.58 ug/ml



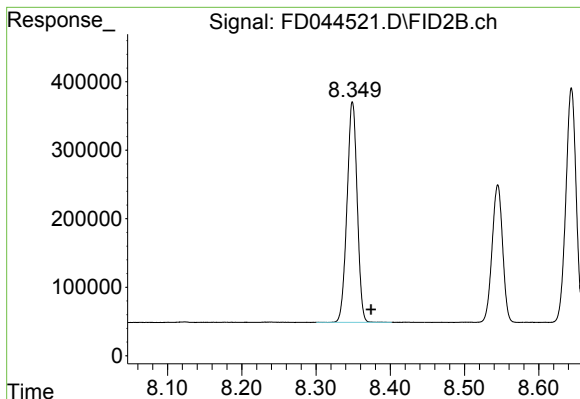
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.020 min
Response: 3374368
Conc: 21.36 ug/ml



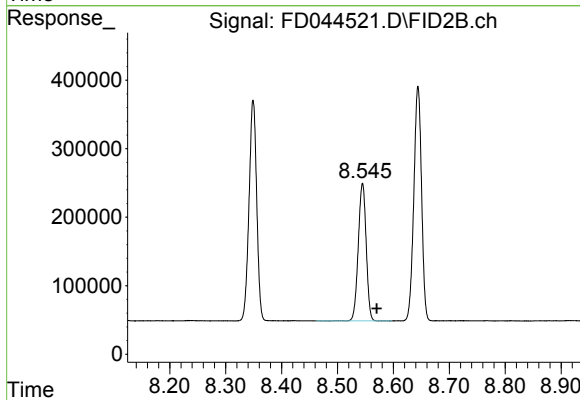
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.022 min
Response: 2903005
Conc: 21.45 ug/ml



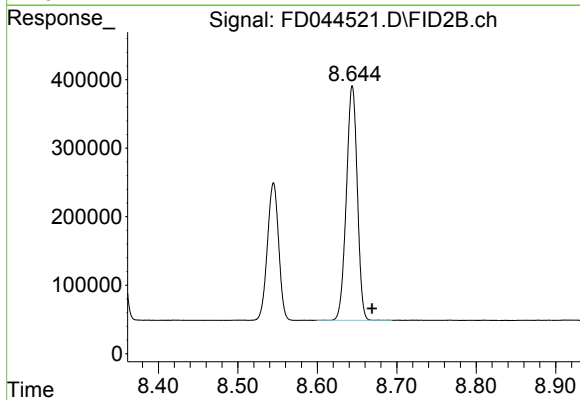
#5 Acenaphthylene (C15.06)

R.T.: 8.349 min
Delta R.T.: -0.025 min
Response: 3057999
Conc: 20.28 ug/ml



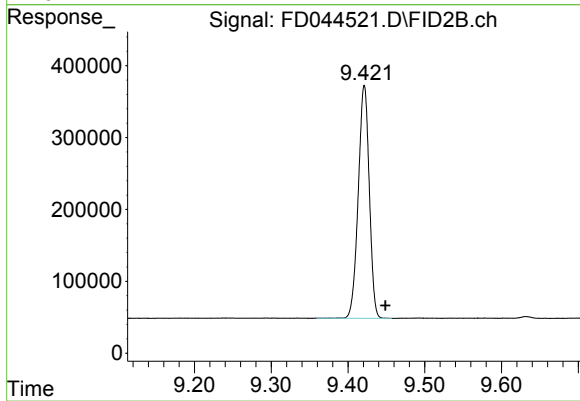
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.025 min
Response: 1974727
Conc: 21.06 ug/ml



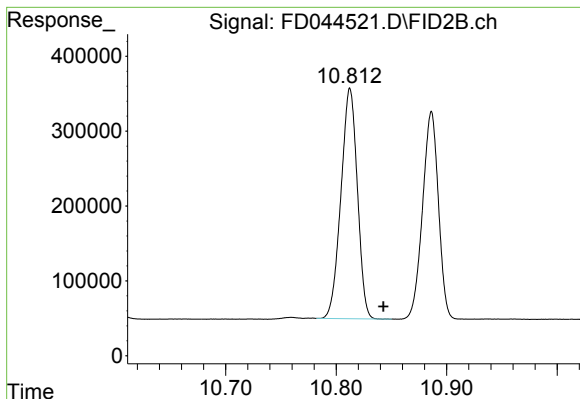
#7 Acenaphthene (C15.5)

R.T.: 8.644 min
Delta R.T.: -0.025 min
Response: 3278751
Conc: 21.19 ug/ml



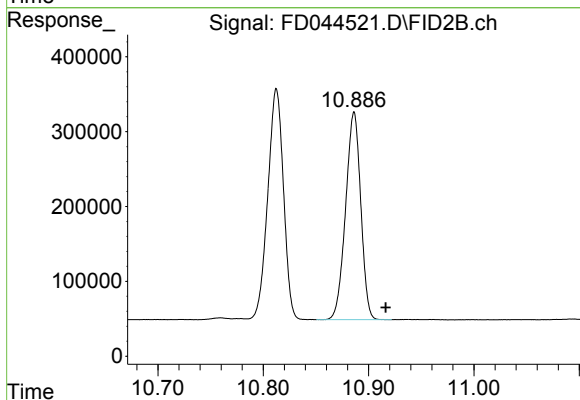
#8 Fluorene (C16.55)

R.T.: 9.421 min
Delta R.T.: -0.028 min
Response: 3240971
Conc: 21.07 ug/ml



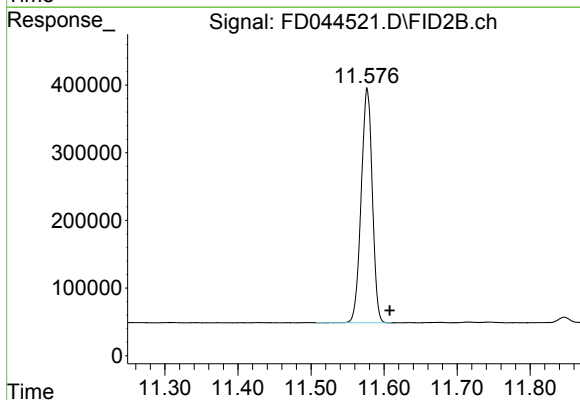
#9 Phenanthrene (C19.36)

R.T.: 10.812 min
Delta R.T.: -0.030 min
Response: 3177307
Conc: 21.13 ug/ml



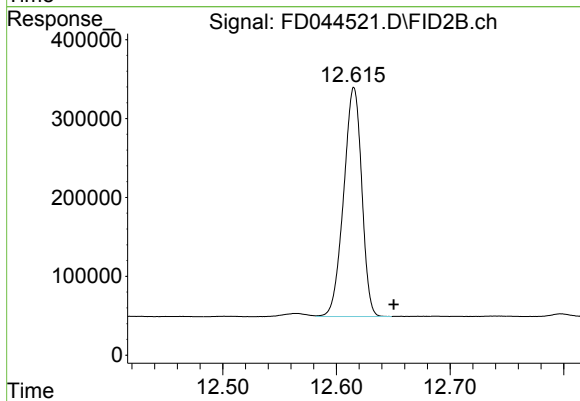
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: -0.030 min
Response: 2767149
Conc: 18.89 ug/ml



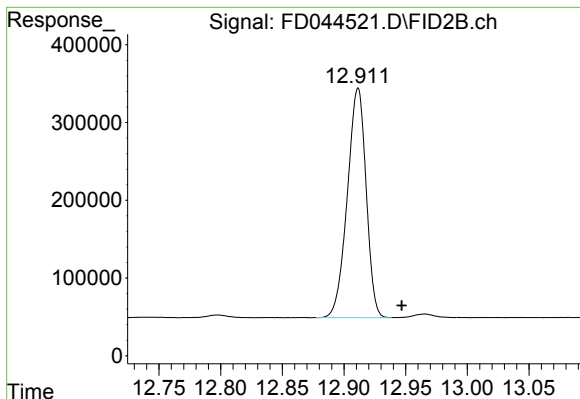
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.031 min
Response: 3665321
Conc: 21.36 ug/ml



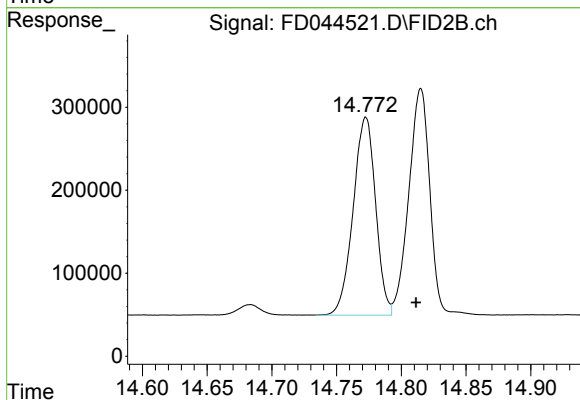
#12 Fluoranthene (C21.85)

R.T.: 12.615 min
Delta R.T.: -0.035 min
Response: 3208738
Conc: 21.11 ug/ml



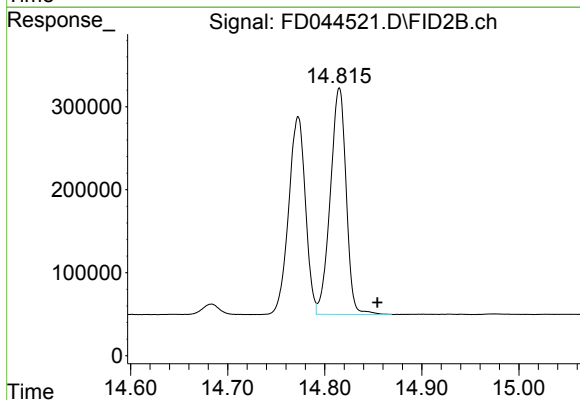
#13 Pyrene (C20.8)

R.T.: 12.911 min
Delta R.T.: -0.036 min
Response: 3132081
Conc: 21.07 ug/ml m



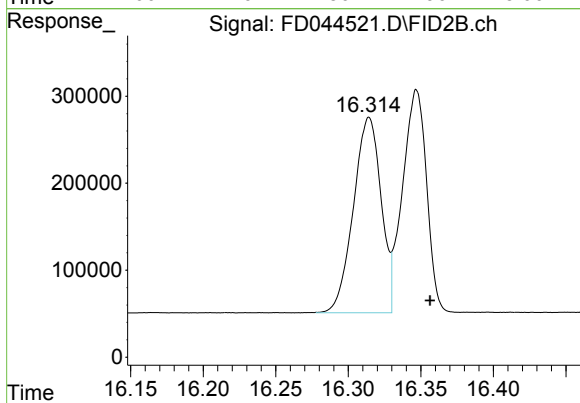
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min
Delta R.T.: -0.039 min
Response: 2880657
Conc: 20.58 ug/ml m



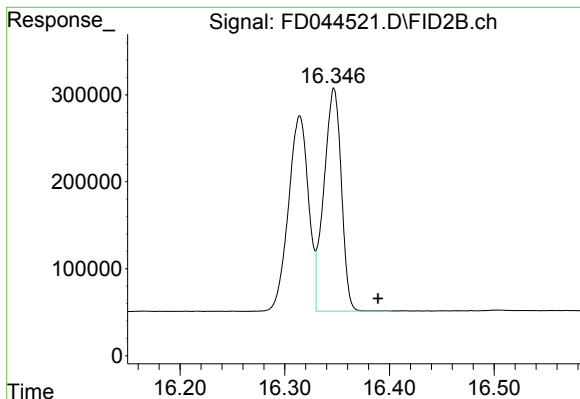
#15 Chrysene (C27.41)

R.T.: 14.815 min
Delta R.T.: -0.040 min
Response: 3096102
Conc: 21.14 ug/ml m



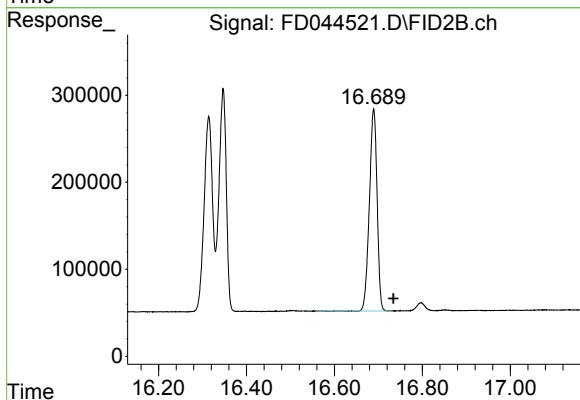
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.314 min
Delta R.T.: -0.043 min
Response: 3010699
Conc: 20.93 ug/ml m



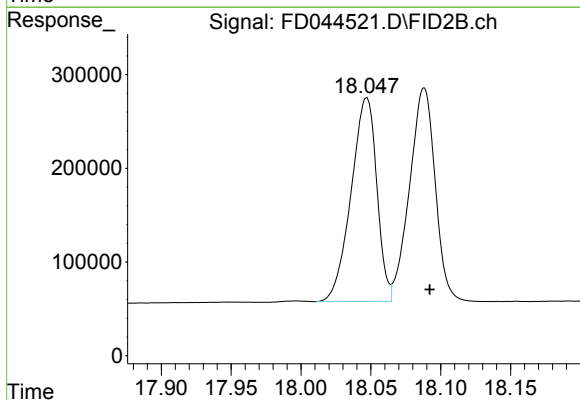
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.347 min
Delta R.T.: -0.042 min
Response: 2963232
Conc: 20.84 ug/ml



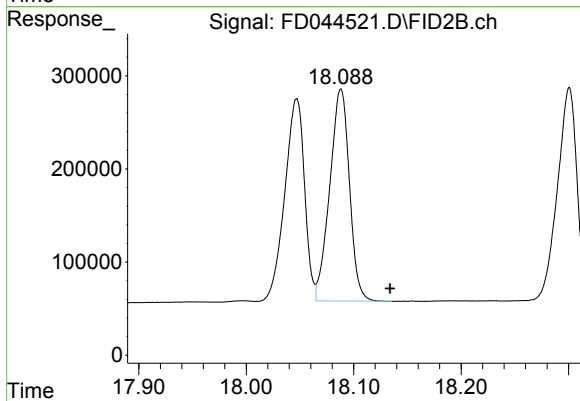
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.689 min
Delta R.T.: -0.045 min
Response: 2813952
Conc: 20.11 ug/ml



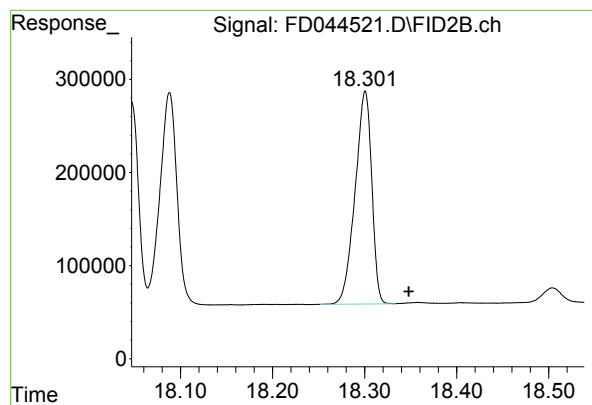
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: -0.045 min
Response: 2788127
Conc: 20.45 ug/ml m



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

R.T.: 18.088 min
Delta R.T.: -0.046 min
Response: 2901202
Conc: 21.54 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.047 min
Response: 2867420
Conc: 21.01 ug/ml m