

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062422AR\
 Data File : FD043045.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2022 05:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 25 06:19:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

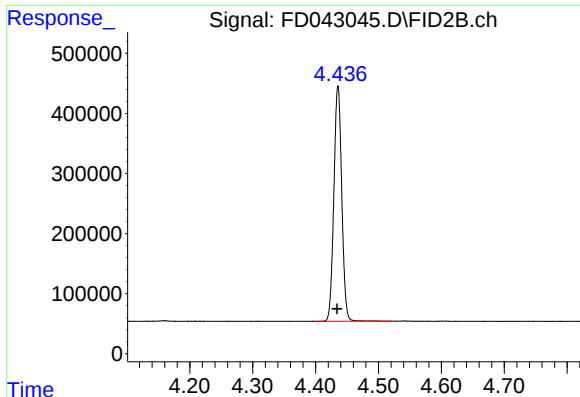
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.642	3174421	20.559 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
6) S 2-Fluorobiphenyl (SURR)	8.506	2137518	20.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.554	3673921	20.214 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	3415912	20.339 ug/ml
2) T Naphthalene (C11.7)	5.977	3547734	20.264 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	3265740	20.304 ug/ml
5) T Acenaphthylene (C15.06)	8.309	3567152	20.069 ug/ml
7) T Acenaphthene (C15.5)	8.605	3549894	20.272 ug/ml
8) T Fluorene (C16.55)	9.387	3520321	20.309 ug/ml
9) T Phenanthrene (C19.36)	10.786	3486680	20.329 ug/ml
10) T Anthracene (C19.43)	10.861	3454901	20.336 ug/ml
12) T Fluoranthene (C21.85)	12.600	3392494	20.228 ug/ml
13) T Pyrene (C20.8)	12.898	3297219	20.232 ug/ml
14) T Benzo[a]anthracene (C...	14.772	3169341	20.408 ug/ml
15) T Chrysene (C27.41)	14.814	3182534	20.164 ug/ml
16) T benzo[b]fluoranthene ...	16.325	3092459	20.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.356	2949426	20.152 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.704	2902572	20.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.069	2505353	20.021 ug/ml
20) T Dibenz[a,h]anthracene...	18.108	2713263	20.182 ug/ml
21) T Benzo[g,h,i]perylene ...	18.323	2627664	20.146 ug/ml

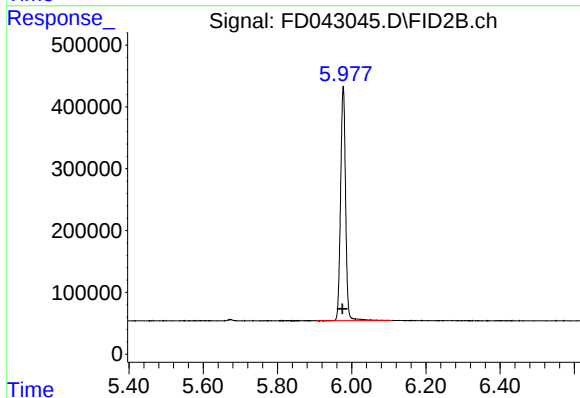
(f)=RT Delta > 1/2 Window

(m)=manual int.



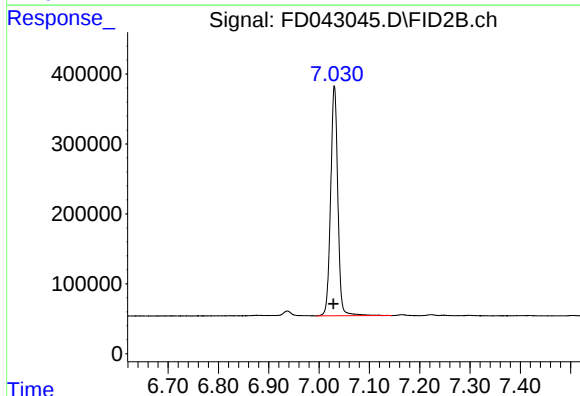
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: 0.002 min
Response: 3415912
Conc: 20.34 ug/ml



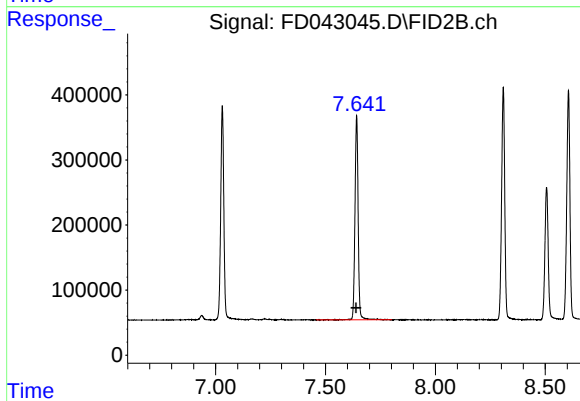
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 3547734
Conc: 20.26 ug/ml



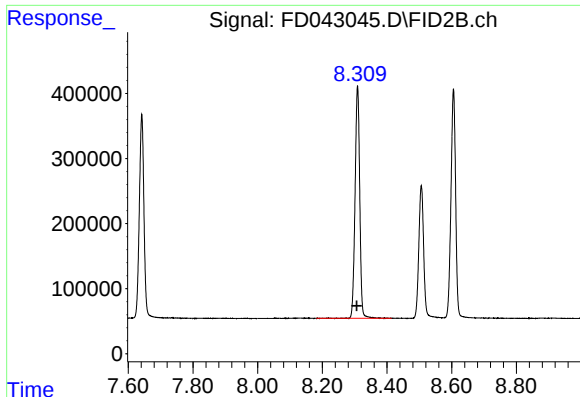
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: 0.002 min
Response: 3265740
Conc: 20.30 ug/ml



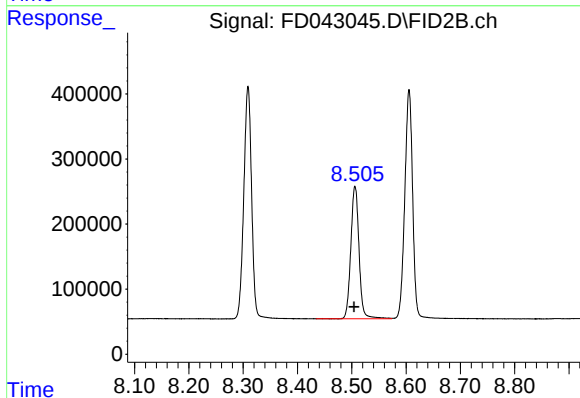
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: 0.002 min
Response: 3174421
Conc: 20.56 ug/ml



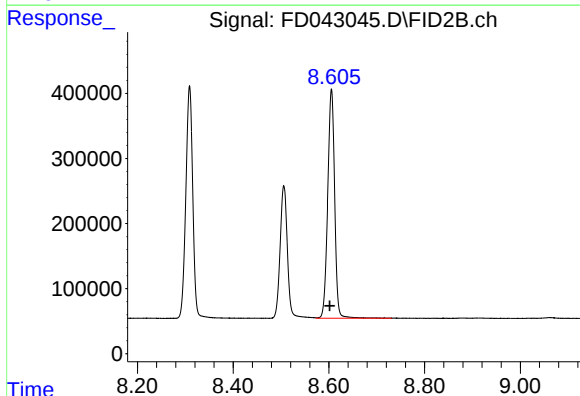
#5 Acenaphthylene (C15.06)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 3567152
Conc: 20.07 ug/ml



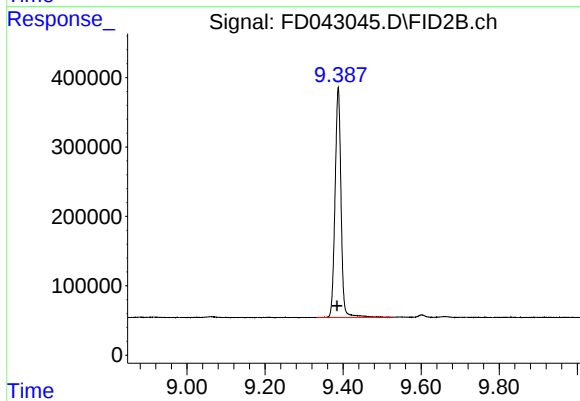
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: 0.002 min
Response: 2137518
Conc: 20.27 ug/ml



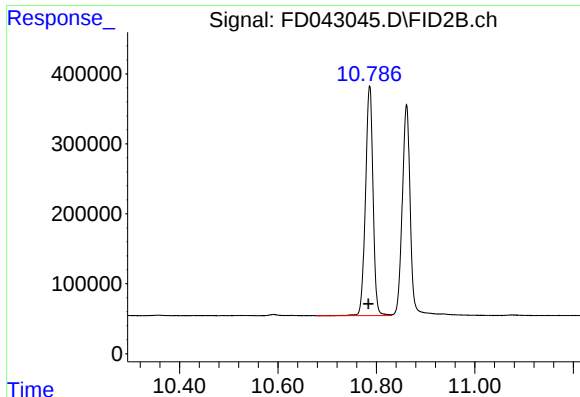
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: 0.004 min
Response: 3549894
Conc: 20.27 ug/ml



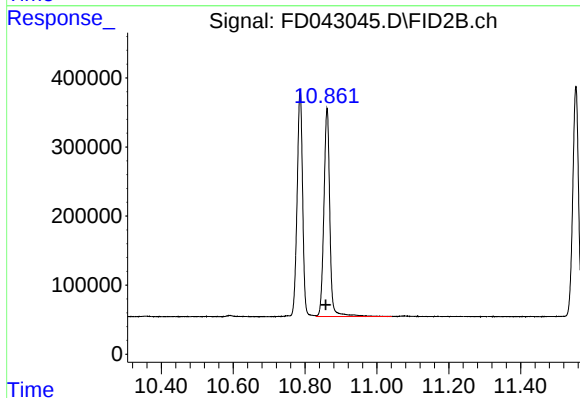
#8 Fluorene (C16.55)

R.T.: 9.387 min
Delta R.T.: 0.003 min
Response: 3520321
Conc: 20.31 ug/ml



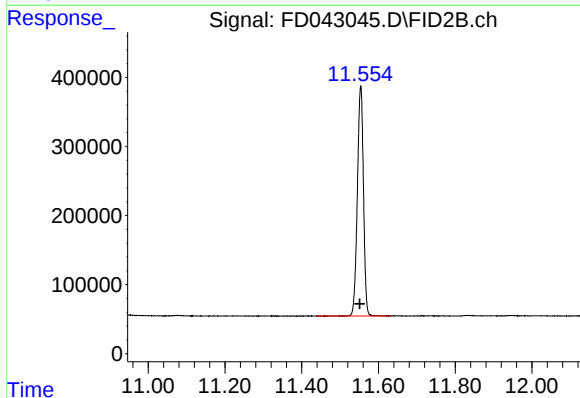
#9 Phenanthrene (C19.36)

R.T.: 10.786 min
Delta R.T.: 0.002 min
Response: 3486680
Conc: 20.33 ug/ml



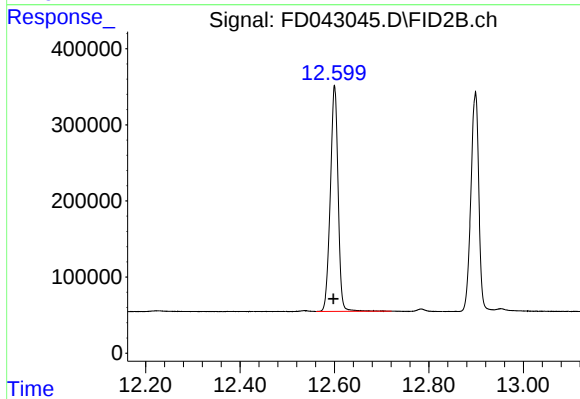
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.003 min
Response: 3454901
Conc: 20.34 ug/ml



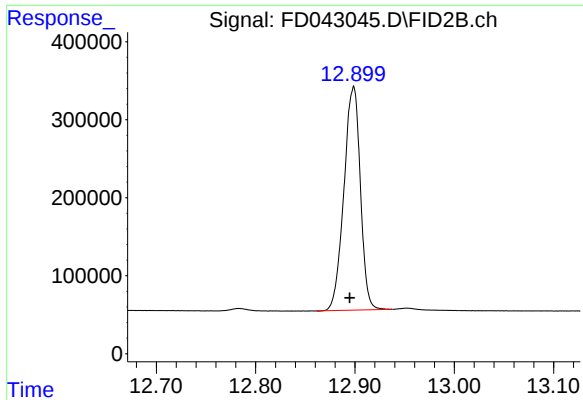
#11 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: 0.002 min
Response: 3673921
Conc: 20.21 ug/ml



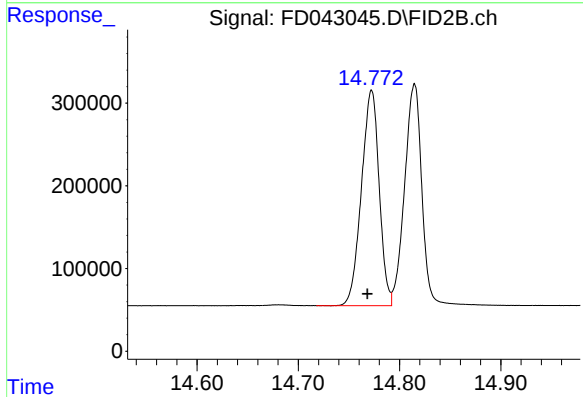
#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: 0.003 min
Response: 3392494
Conc: 20.23 ug/ml



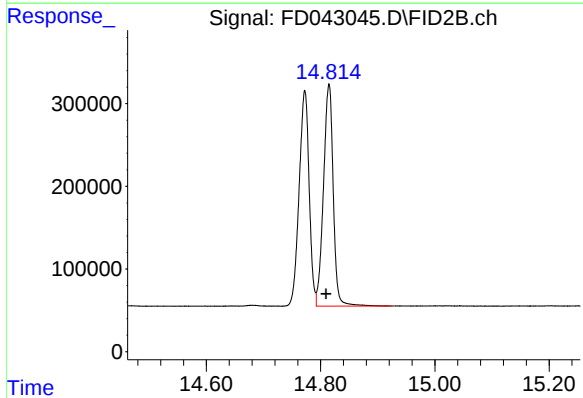
#13 Pyrene (C20.8)

R.T.: 12.898 min
Delta R.T.: 0.003 min
Response: 3297219
Conc: 20.23 ug/ml



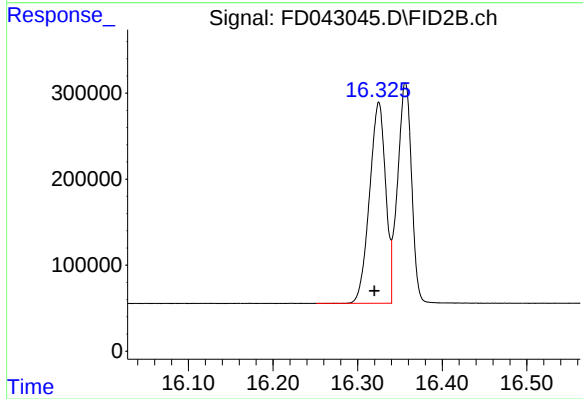
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min
Delta R.T.: 0.004 min
Response: 3169341
Conc: 20.41 ug/ml



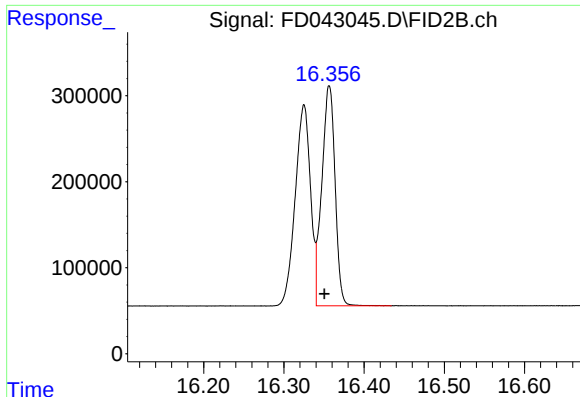
#15 Chrysene (C27.41)

R.T.: 14.814 min
Delta R.T.: 0.005 min
Response: 3182534
Conc: 20.16 ug/ml



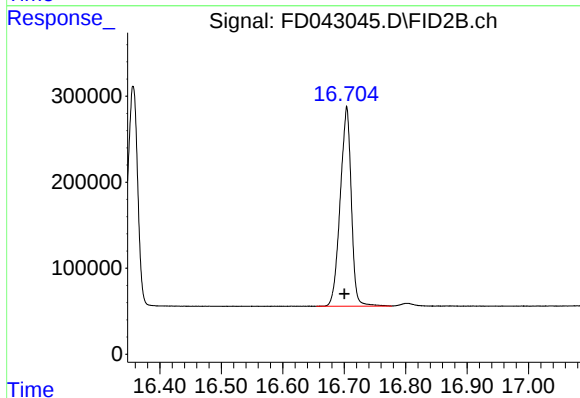
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.325 min
Delta R.T.: 0.005 min
Response: 3092459
Conc: 20.29 ug/ml



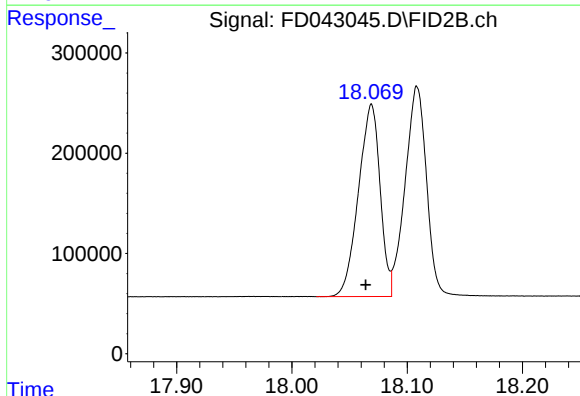
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.356 min
Delta R.T.: 0.006 min
Response: 2949426
Conc: 20.15 ug/ml



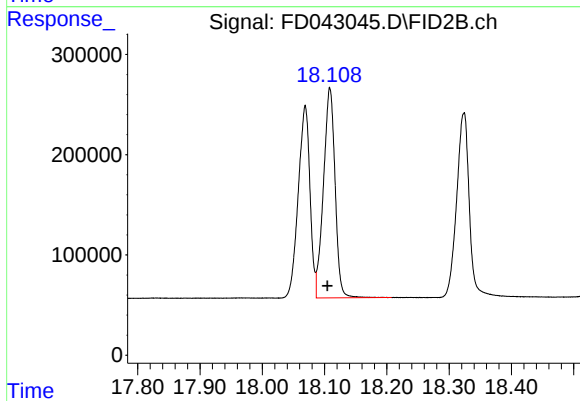
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.704 min
Delta R.T.: 0.004 min
Response: 2902572
Conc: 20.29 ug/ml



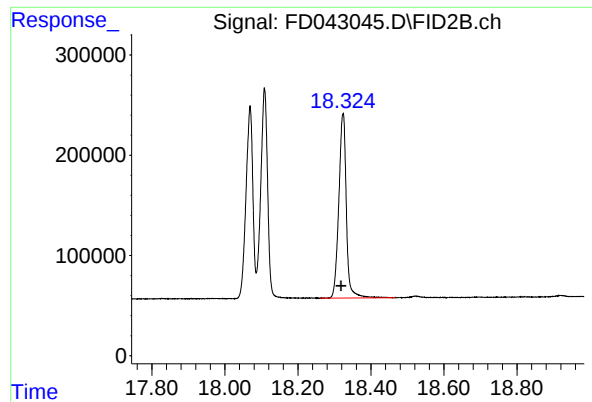
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.069 min
Delta R.T.: 0.005 min
Response: 2505353
Conc: 20.02 ug/ml



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

R.T.: 18.108 min
Delta R.T.: 0.004 min
Response: 2713263
Conc: 20.18 ug/ml



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

R.T.: 18.323 min
Delta R.T.: 0.005 min
Response: 2627664
Conc: 20.15 ug/ml