

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011123AR\
 Data File : FD044756.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jan 2023 09:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 03:50:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

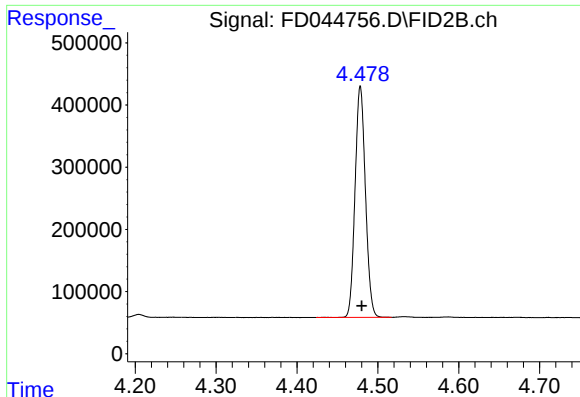
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.658	2918024	20.235 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
6) S 2-Fluorobiphenyl (SURR)	8.515	1947131	20.059 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.12%
11) S ortho-Terphenyl (SURR)	11.545	3653802	20.280 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	3311924	20.584 ug/ml
2) T Naphthalene (C11.7)	6.006	3420411	20.379 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	3410181	20.282 ug/ml
5) T Acenaphthylene (C15.06)	8.319	3089763	20.371 ug/ml
7) T Acenaphthene (C15.5)	8.614	3267975	20.159 ug/ml
8) T Flouorene (C16.55)	9.390	3177395	19.936 ug/ml
9) T Phenanthrene (C19.36)	10.778	3145684	20.045 ug/ml
10) T Anthracene (C19.43)	10.852	2987044	23.754 ug/ml
12) T Fluoranthene (C21.85)	12.580	3169470	20.183 ug/ml
13) T Pyrene (C20.8)	12.875	3120507	20.384 ug/ml
14) T Benzo[a]anthracene (C...	14.735	2864652	20.147 ug/ml
15) T Chrysene (C27.41)	14.778	2996330	19.760 ug/ml
16) T benzo[b]fluoranthene ...	16.276	2872622	19.101 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2875921	18.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2732552	18.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	2286409	16.168 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	2340301	15.965 ug/ml
21) T Benzo[g,h,i]perylene ...	18.256	2428982	17.098 ug/ml

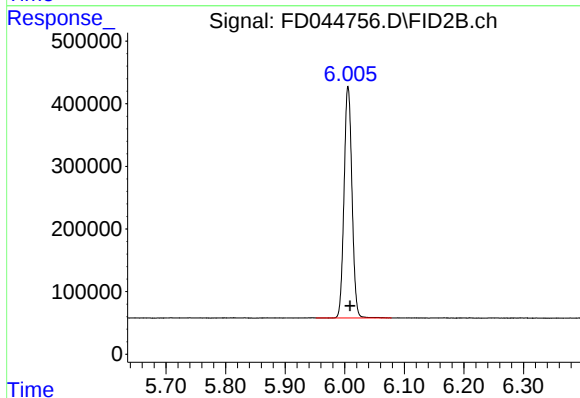
(f)=RT Delta > 1/2 Window

(m)=manual int.



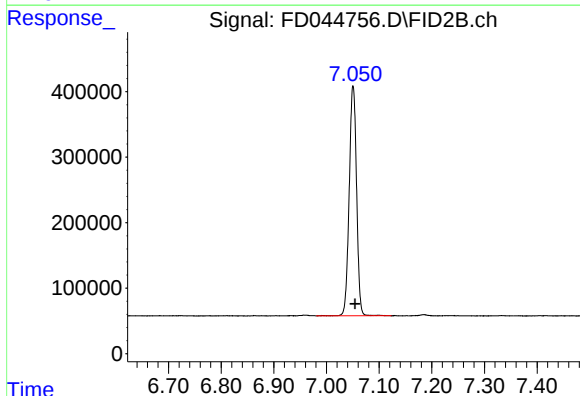
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 3311924
Conc: 20.58 ug/ml



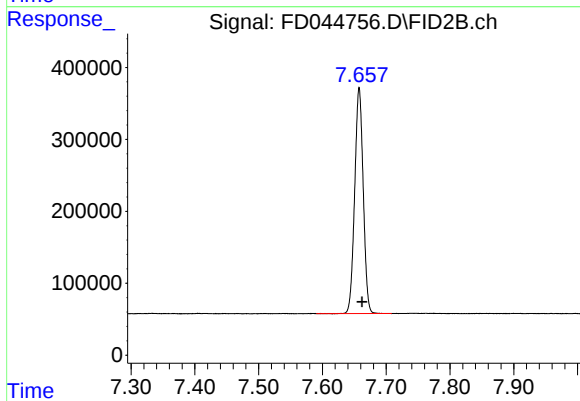
#2 Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 3420411
Conc: 20.38 ug/ml



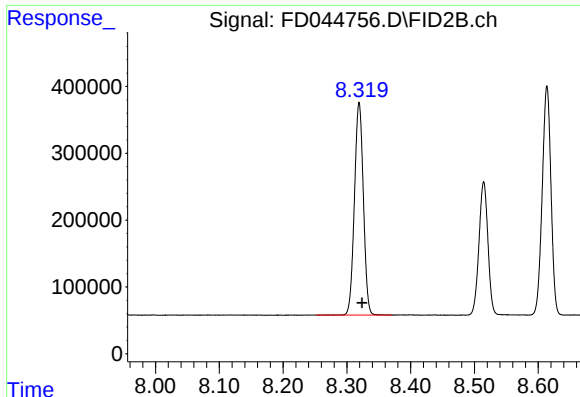
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.004 min
Response: 3410181
Conc: 20.28 ug/ml



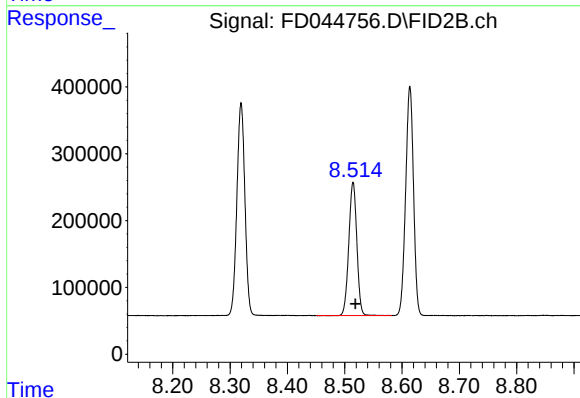
#4 2-Bromonaphthalene (SURR)

R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 2918024
Conc: 20.24 ug/ml



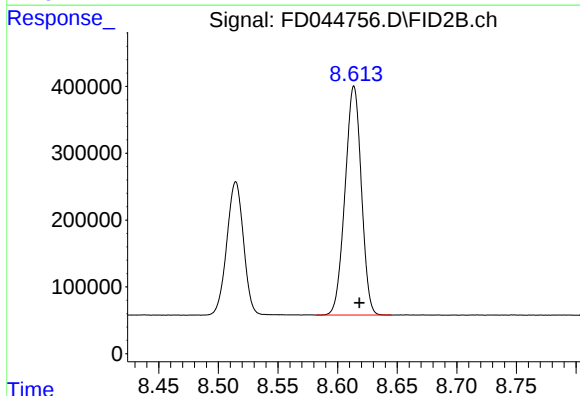
#5 Acenaphthylene (C15.06)

R.T.: 8.319 min
Delta R.T.: -0.005 min
Response: 3089763
Conc: 20.37 ug/ml



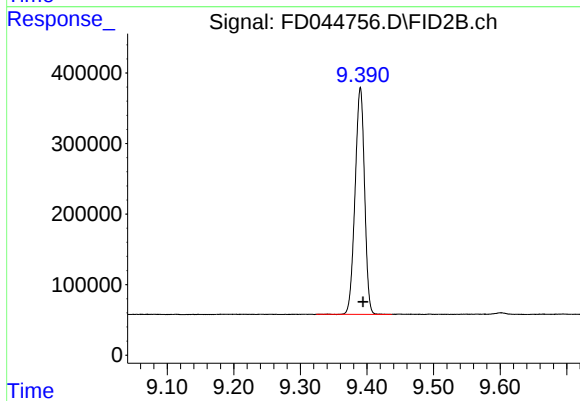
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 1947131
Conc: 20.06 ug/ml



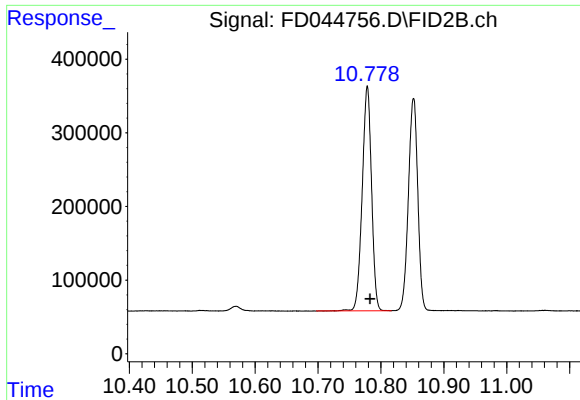
#7 Acenaphthene (C15.5)

R.T.: 8.614 min
Delta R.T.: -0.005 min
Response: 3267975
Conc: 20.16 ug/ml



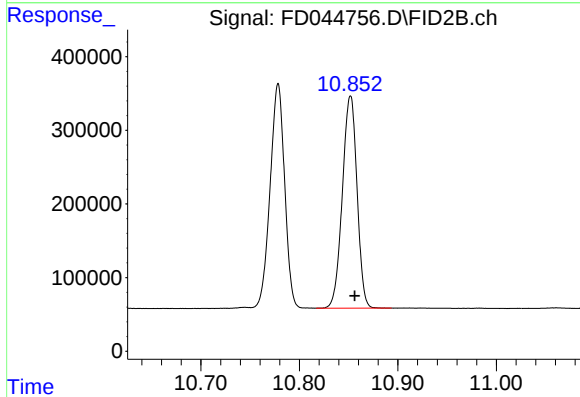
#8 Fluorene (C16.55)

R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 3177395
Conc: 19.94 ug/ml



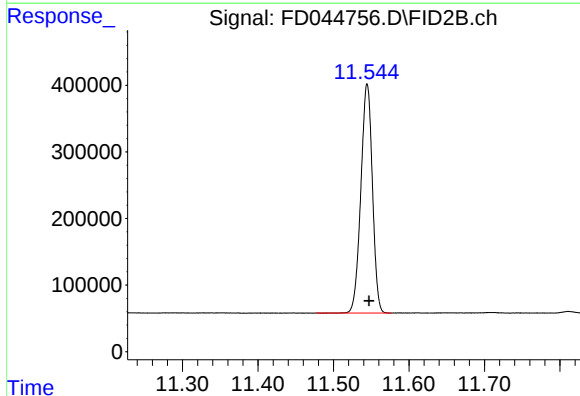
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.005 min
Response: 3145684
Conc: 20.04 ug/ml



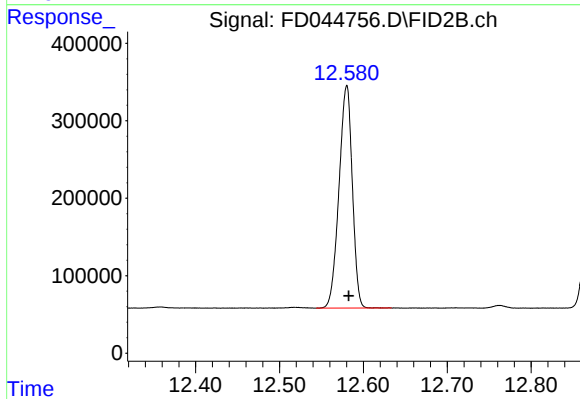
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.004 min
Response: 2987044
Conc: 23.75 ug/ml



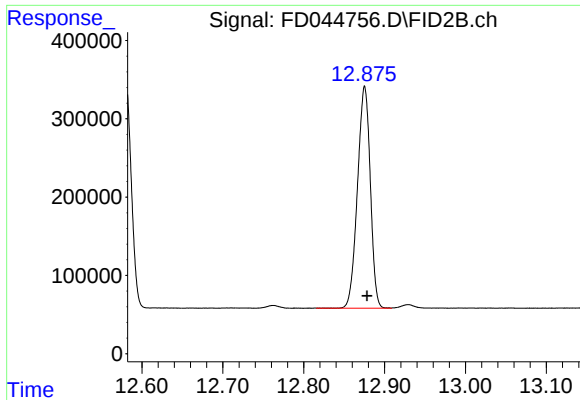
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 3653802
Conc: 20.28 ug/ml



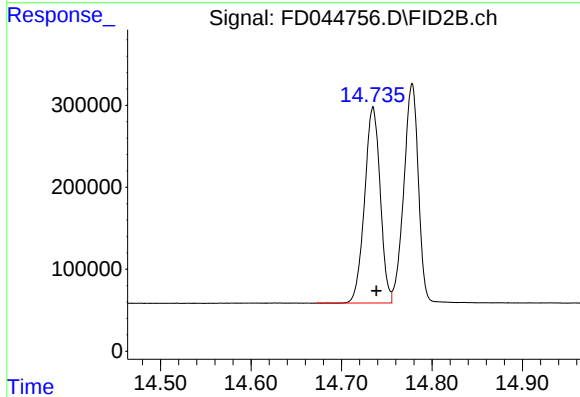
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 3169470
Conc: 20.18 ug/ml



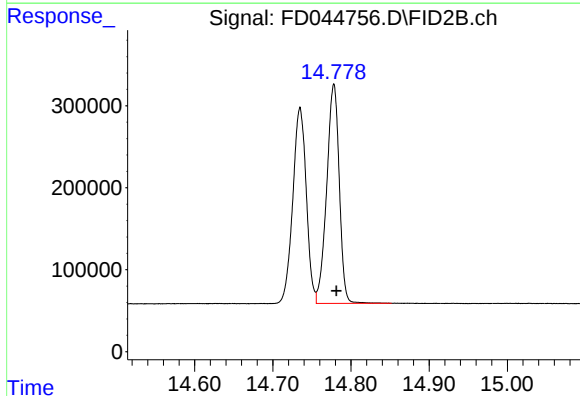
#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 3120507
Conc: 20.38 ug/ml



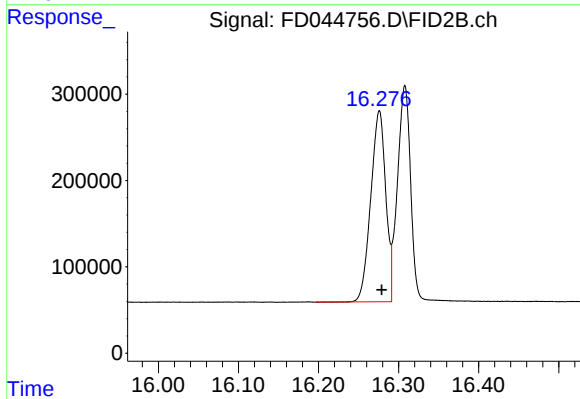
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.004 min
Response: 2864652
Conc: 20.15 ug/ml



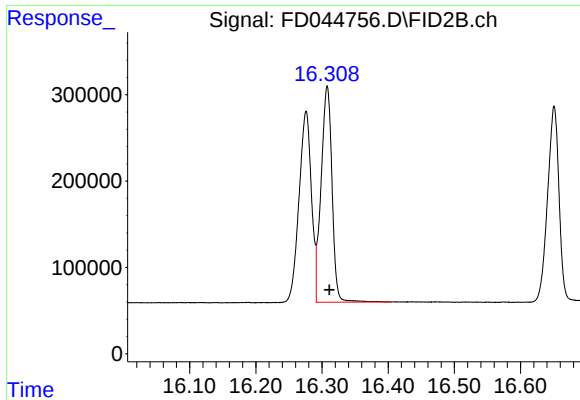
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.003 min
Response: 2996330
Conc: 19.76 ug/ml



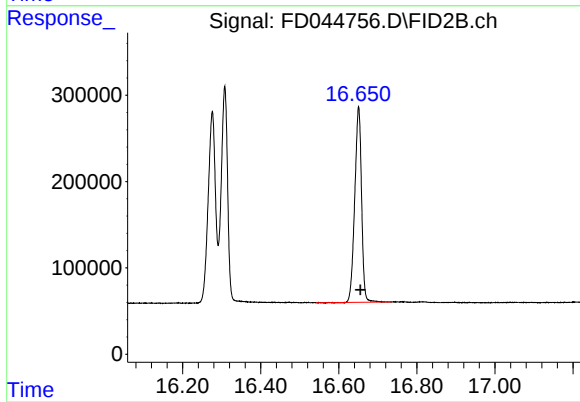
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.276 min
Delta R.T.: -0.003 min
Response: 2872622
Conc: 19.10 ug/ml



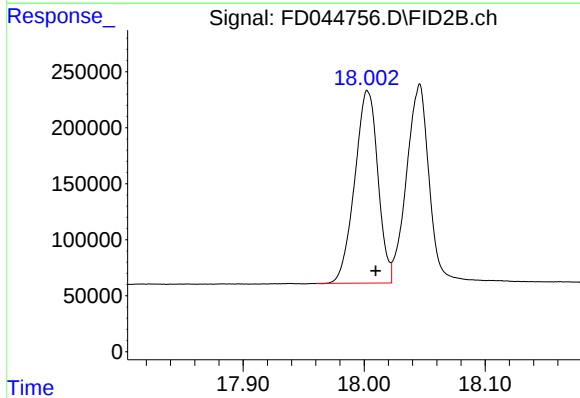
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 2875921
Conc: 18.98 ug/ml



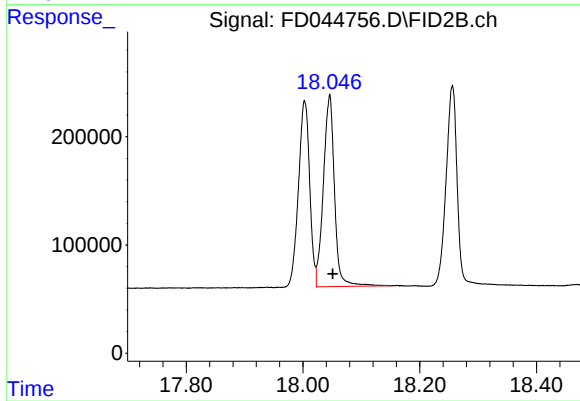
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.004 min
Response: 2732552
Conc: 18.83 ug/ml



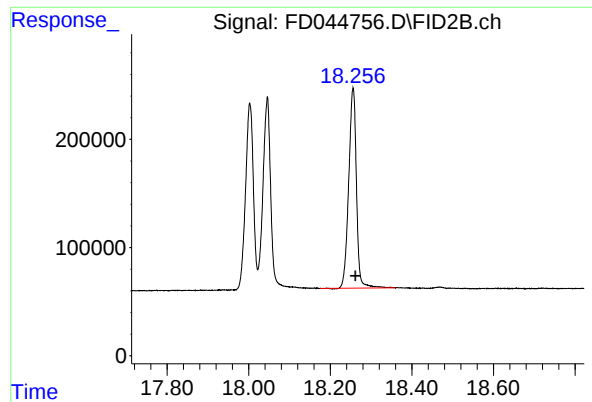
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.003 min
Delta R.T.: -0.007 min
Response: 2286409
Conc: 16.17 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.006 min
Response: 2340301
Conc: 15.97 ug/ml



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

R.T.: 18.256 min
Delta R.T.: -0.006 min
Response: 2428982
Conc: 17.10 ug/ml