

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044884.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2023 18:20
 Operator : YP/AJ
 Sample : PB150421BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:35:27 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

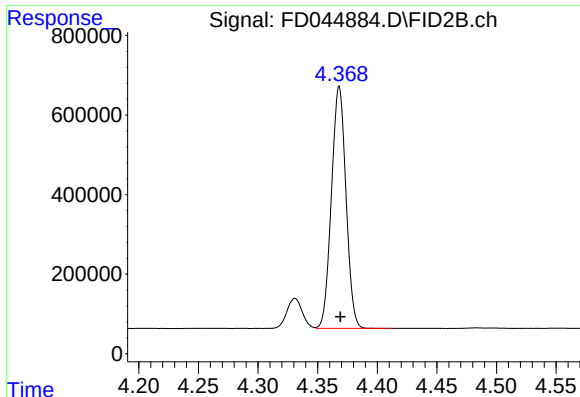
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.561	6756363	46.068 ug/ml
Spiked Amount 50.000		Recovery =	92.14%
6) S 2-Fluorobiphenyl (SURR)	8.417	4600724	46.094 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.19%
11) S ortho-Terphenyl (SURR)	11.457	6977003	37.539 ug/ml
Spiked Amount 50.000		Recovery =	75.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	5164732	32.355 ug/ml
2) T Naphthalene (C11.7)	5.899	5801920	34.243 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	5724828	33.370 ug/ml
5) T Acenaphthylene (C15.06)	8.221	6178419	39.318 ug/ml
7) T Acenaphthene (C15.5)	8.517	6187657	37.215 ug/ml
8) T Flouorene (C16.55)	9.296	6359020	38.742 ug/ml
9) T Phenanthrene (C19.36)	10.687	6652526	41.145 ug/ml
10) T Anthracene (C19.43)	10.762	6622771	44.674 ug/ml
12) T Fluoranthene (C21.85)	12.493	6837977	42.726 ug/ml
13) T Pyrene (C20.8)	12.790	6815050	43.431 ug/ml
14) T Benzo[a]anthracene (C...	14.655	6489185	45.467 ug/ml
15) T Chrysene (C27.41)	14.699	7218479	48.753 ug/mlm
16) T benzo[b]fluoranthene ...	16.198	6377551	43.962 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	5969740	41.872 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5653123	40.455 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.935	5996539	44.560 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	5627234	42.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	5842200	42.968 ug/ml

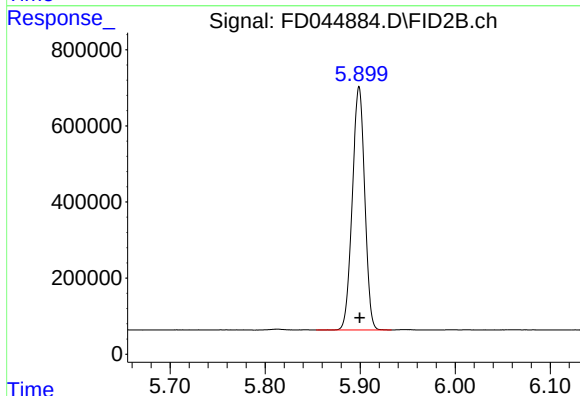
(f)=RT Delta > 1/2 Window

(m)=manual int.



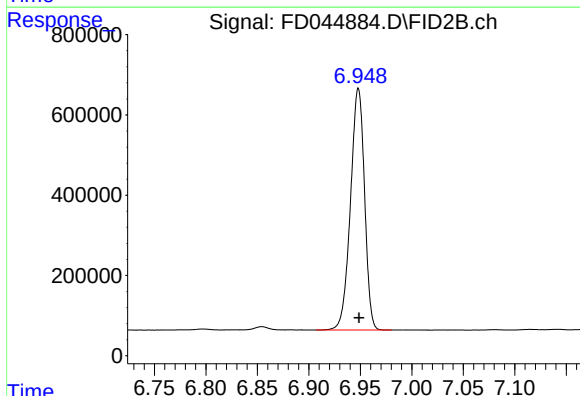
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 5164732
Conc: 32.35 ug/ml



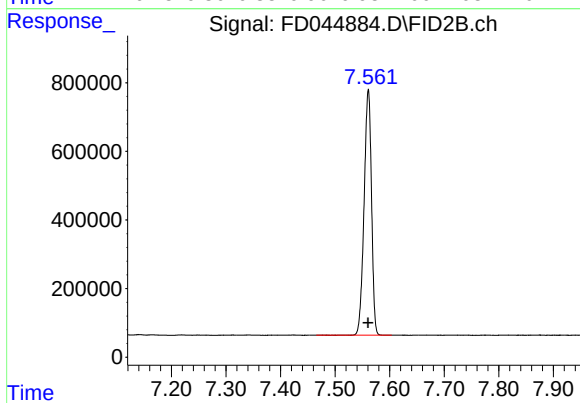
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 5801920
Conc: 34.24 ug/ml



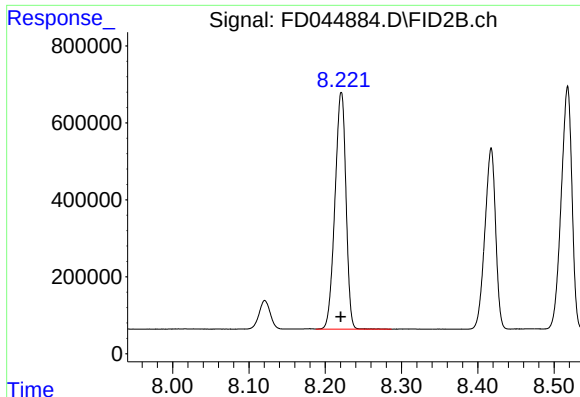
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 5724828
Conc: 33.37 ug/ml



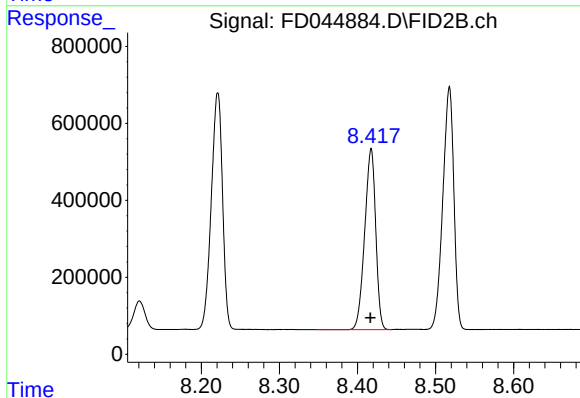
#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 6756363
Conc: 46.07 ug/ml



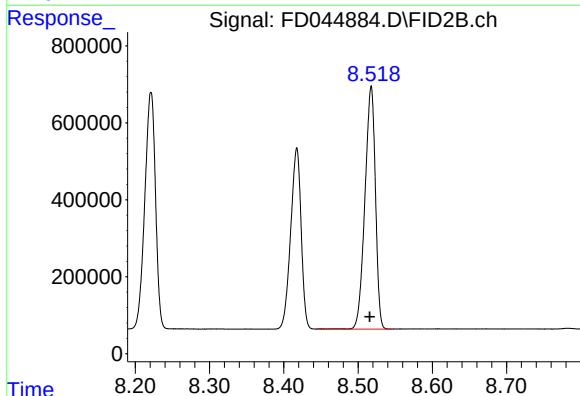
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 6178419
Conc: 39.32 ug/ml



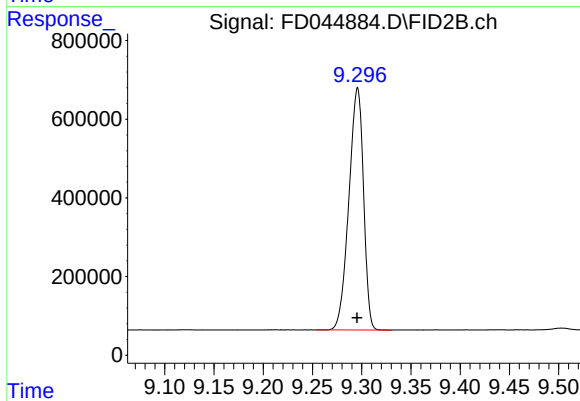
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 4600724
Conc: 46.09 ug/ml



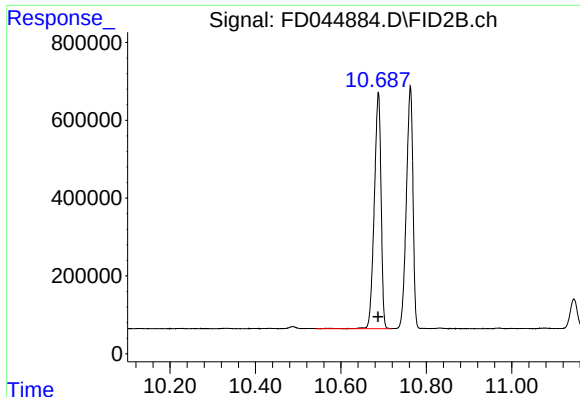
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.002 min
Response: 6187657
Conc: 37.21 ug/ml



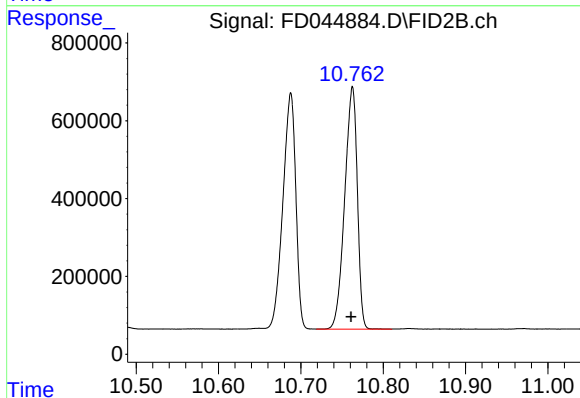
#8 Flouorene (C16.55)

R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 6359020
Conc: 38.74 ug/ml



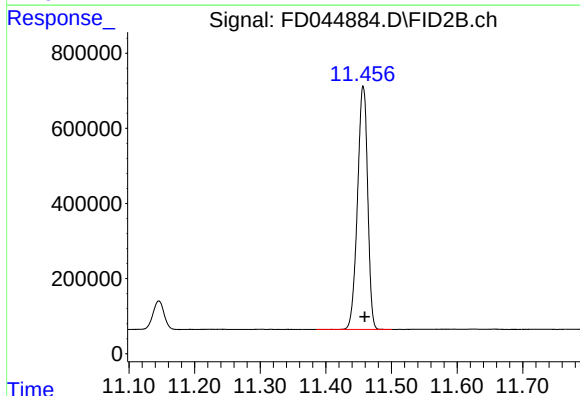
#9 Phenanthrene (C19.36)

R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 6652526
Conc: 41.15 ug/ml



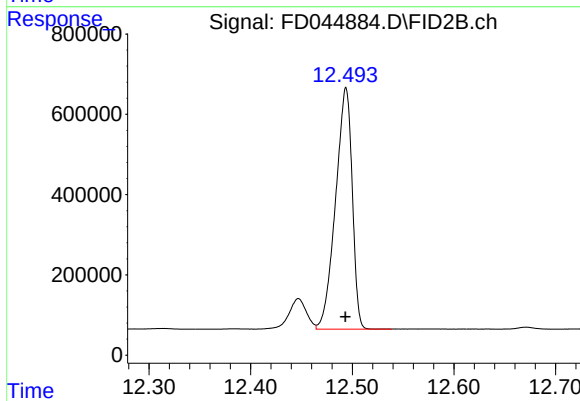
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: 0.001 min
Response: 6622771
Conc: 44.67 ug/ml



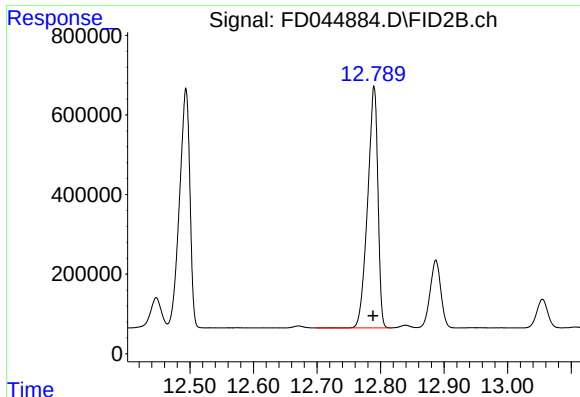
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.002 min
Response: 6977003
Conc: 37.54 ug/ml



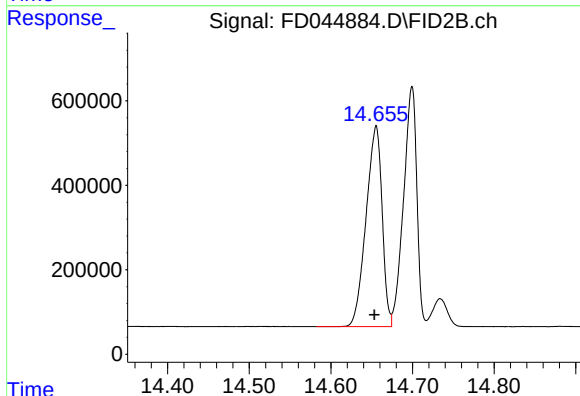
#12 Fluoranthene (C21.85)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 6837977
Conc: 42.73 ug/ml



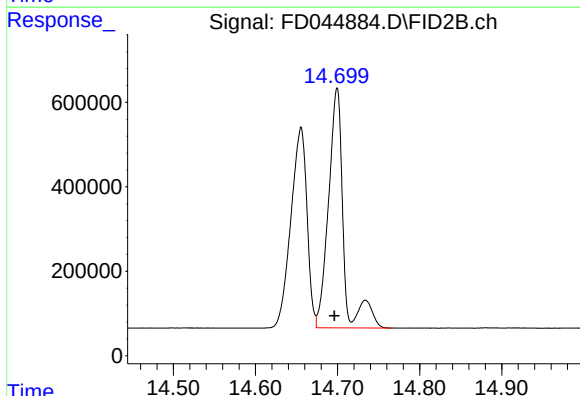
#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: 0.001 min
Response: 6815050
Conc: 43.43 ug/ml



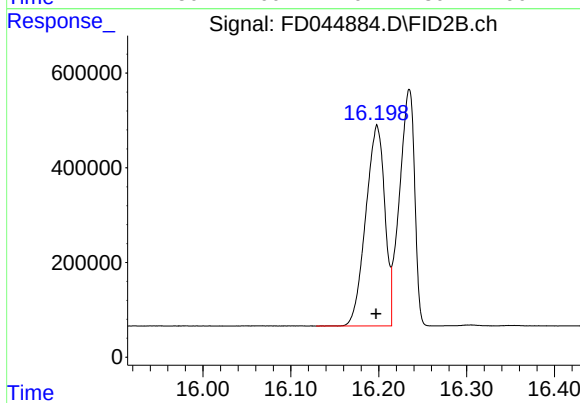
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.002 min
Response: 6489185
Conc: 45.47 ug/ml



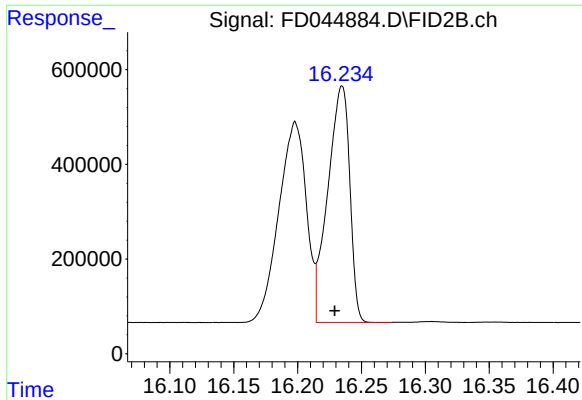
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.003 min
Response: 7218479
Conc: 48.75 ug/ml m



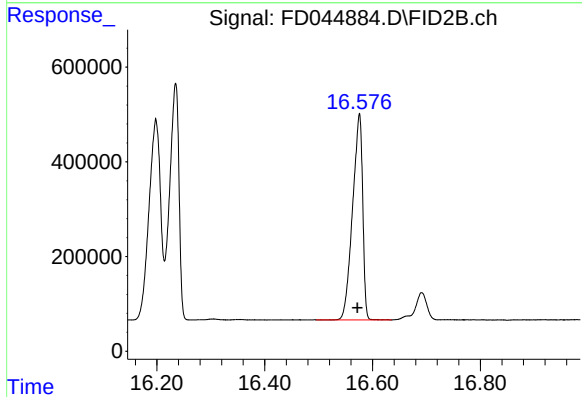
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.000 min
Response: 6377551
Conc: 43.96 ug/ml



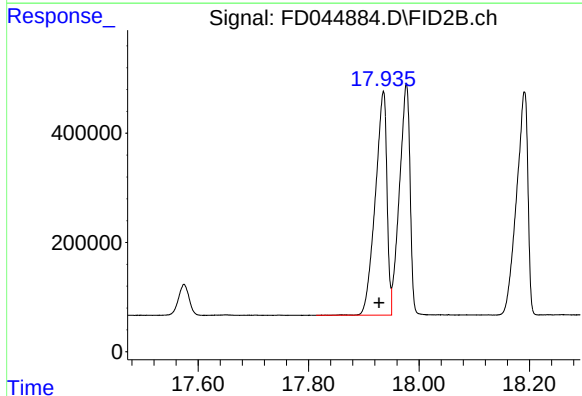
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.234 min
Delta R.T.: 0.005 min
Response: 5969740
Conc: 41.87 ug/ml



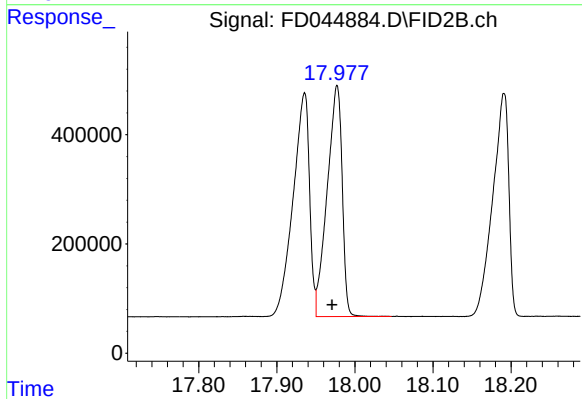
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.003 min
Response: 5653123
Conc: 40.46 ug/ml



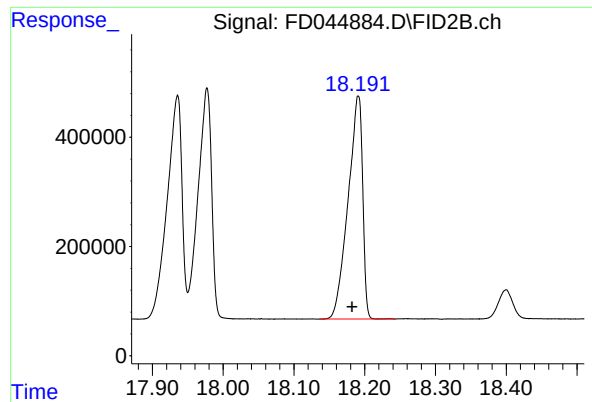
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.935 min
Delta R.T.: 0.007 min
Response: 5996539
Conc: 44.56 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.006 min
Response: 5627234
Conc: 42.46 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.008 min
Response: 5842200
Conc: 42.97 ug/ml