

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011923AR\
 Data File : FD044845.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2023 15:25
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 20 01:45:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:44:02 2023
 Response via : Initial Calibration
 Integrator: ChemStation

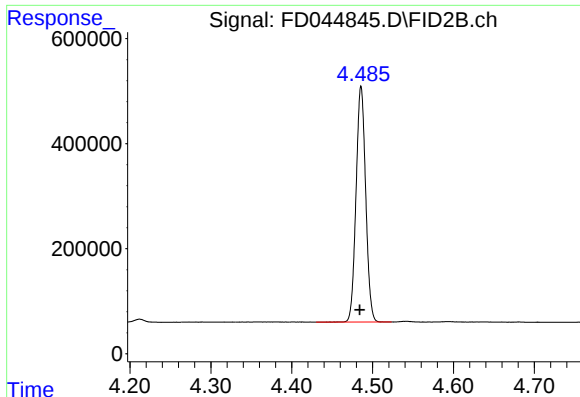
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.665	3485248	19.808 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
6) S 2-Fluorobiphenyl (SURR)	8.521	2376642	19.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.38%
11) S ortho-Terphenyl (SURR)	11.549	4505846	19.619 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	3710054	19.827 ug/ml
2) T Naphthalene (C11.7)	6.013	3954444	19.823 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	4010455	19.776 ug/ml
5) T Acenaphthylene (C15.06)	8.326	3738878	19.559 ug/ml
7) T Acenaphthene (C15.5)	8.620	3945418	19.772 ug/ml
8) T Flouorene (C16.55)	9.395	3932767	19.765 ug/ml
9) T Phenanthrene (C19.36)	10.784	3946801	19.664 ug/ml
10) T Anthracene (C19.43)	10.857	3748584	19.564 ug/ml
12) T Fluoranthene (C21.85)	12.585	3950986	19.539 ug/ml
13) T Pyrene (C20.8)	12.880	3866999	19.647 ug/ml
14) T Benzo[a]anthracene (C...	14.740	3546232	19.590 ug/ml
15) T Chrysene (C27.41)	14.782	3695692	19.617 ug/ml
16) T benzo[b]fluoranthene ...	16.279	3544840	19.625 ug/ml
17) T Bnezo[k]fluoranthene ...	16.312	3485491	19.605 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	3439096	19.599 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	3270629	19.500 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	3242988	19.588 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	3264556	19.676 ug/ml

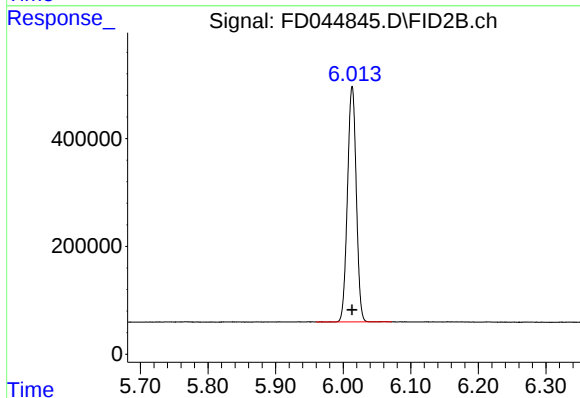
(f)=RT Delta > 1/2 Window

(m)=manual int.



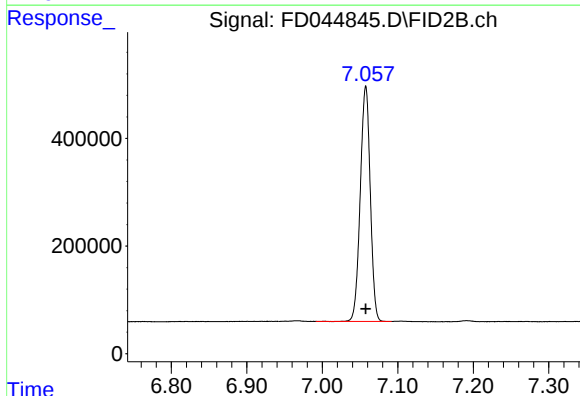
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 3710054
Conc: 19.83 ug/ml



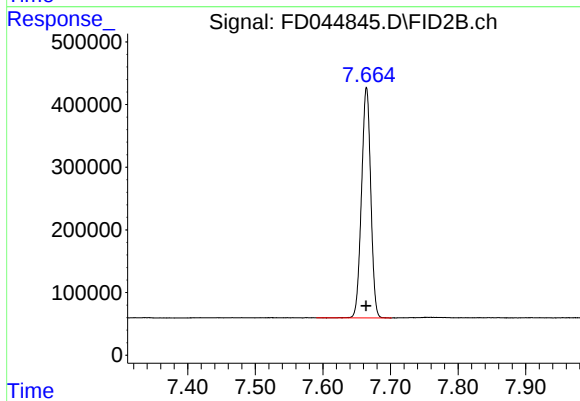
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 3954444
Conc: 19.82 ug/ml



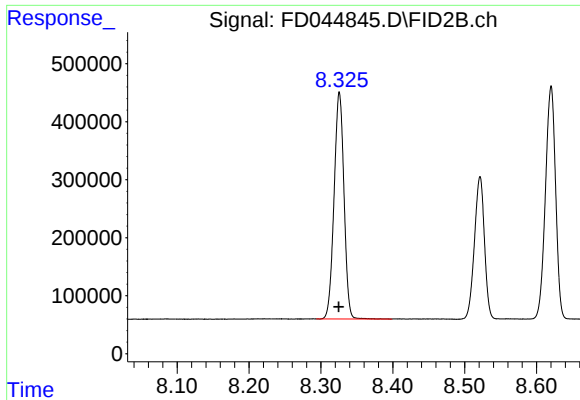
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 4010455
Conc: 19.78 ug/ml



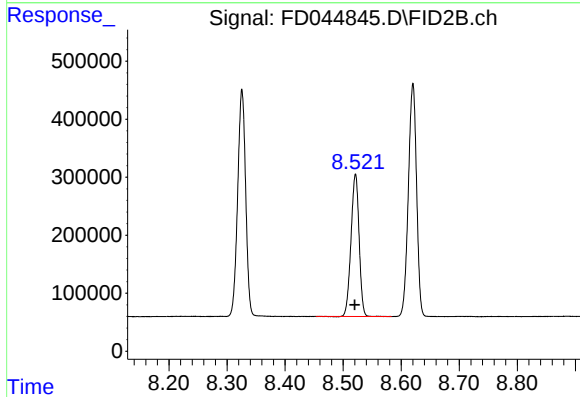
#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 3485248
Conc: 19.81 ug/ml



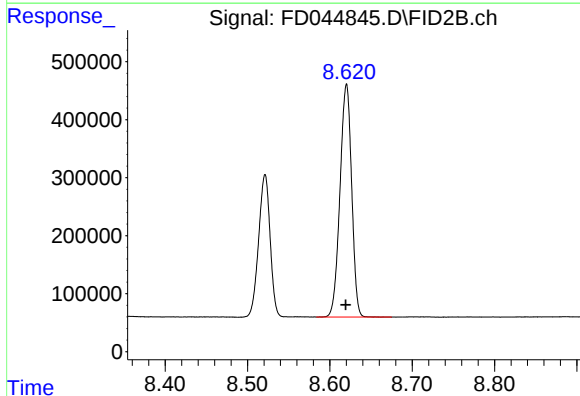
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 3738878
Conc: 19.56 ug/ml



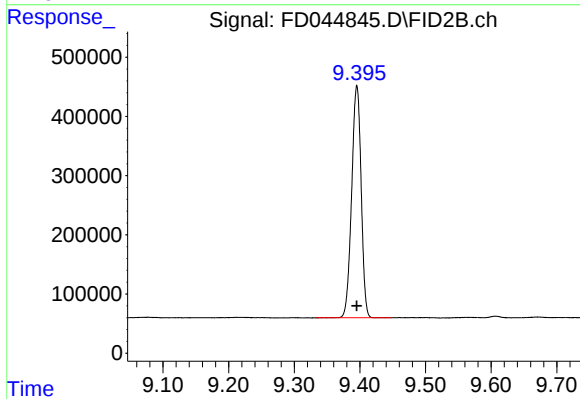
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.001 min
Response: 2376642
Conc: 19.69 ug/ml



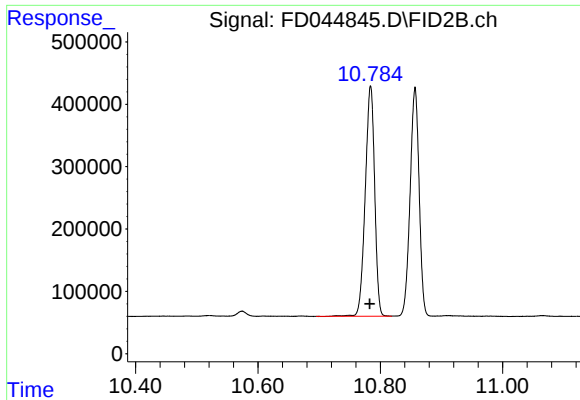
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 3945418
Conc: 19.77 ug/ml



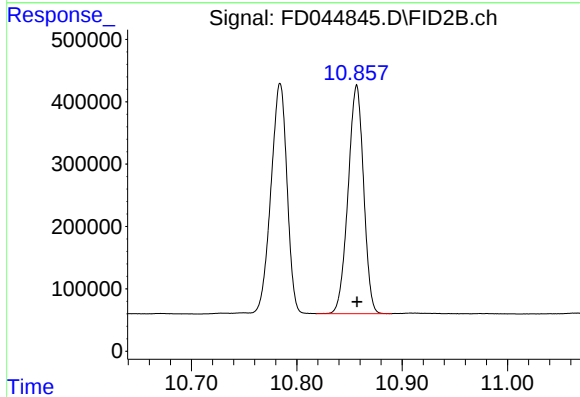
#8 Fluorene (C16.55)

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 3932767
Conc: 19.77 ug/ml



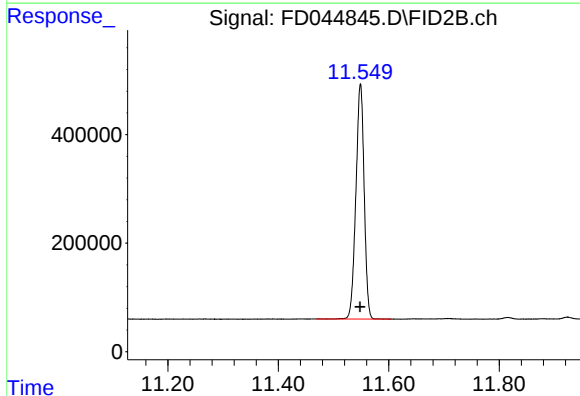
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: 0.001 min
Response: 3946801
Conc: 19.66 ug/ml



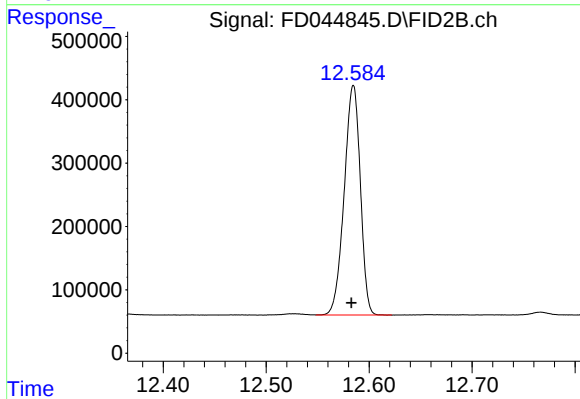
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 3748584
Conc: 19.56 ug/ml



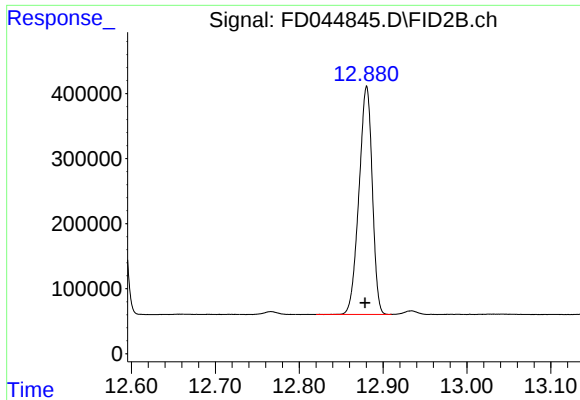
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 4505846
Conc: 19.62 ug/ml



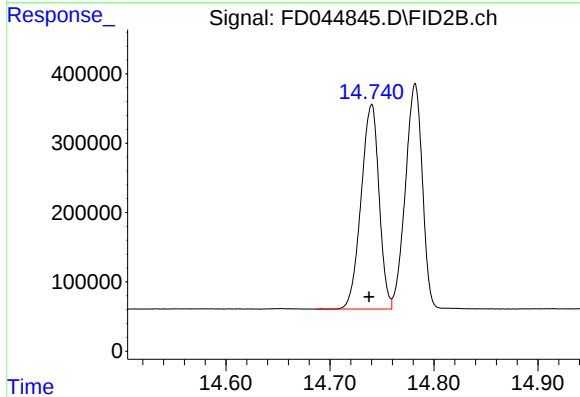
#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: 0.002 min
Response: 3950986
Conc: 19.54 ug/ml



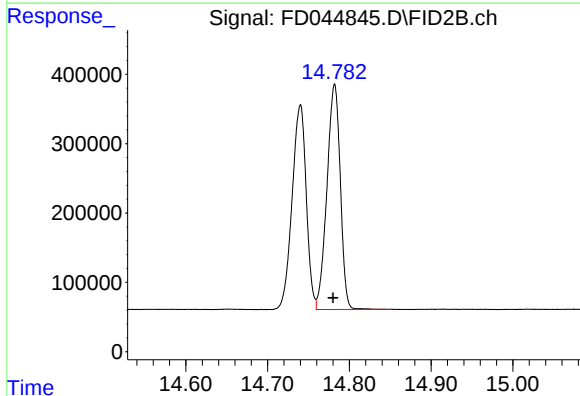
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.002 min
Response: 3866999
Conc: 19.65 ug/ml



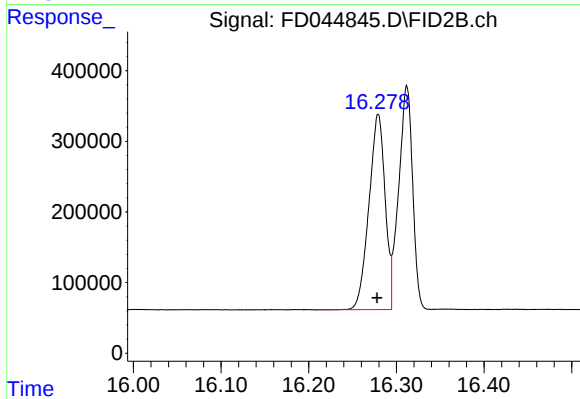
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.002 min
Response: 3546232
Conc: 19.59 ug/ml



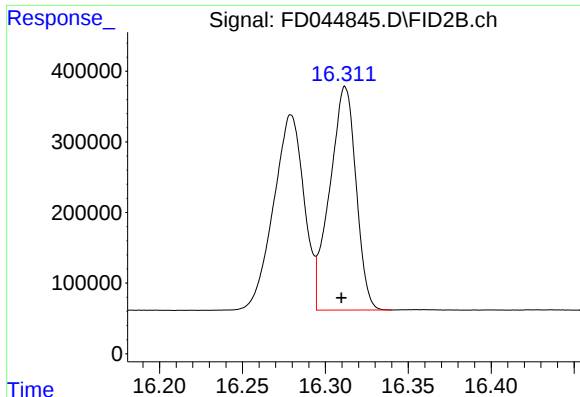
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.002 min
Response: 3695692
Conc: 19.62 ug/ml



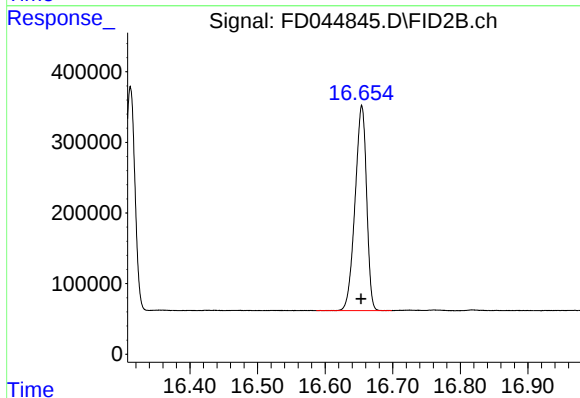
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.279 min
Delta R.T.: 0.001 min
Response: 3544840
Conc: 19.63 ug/ml



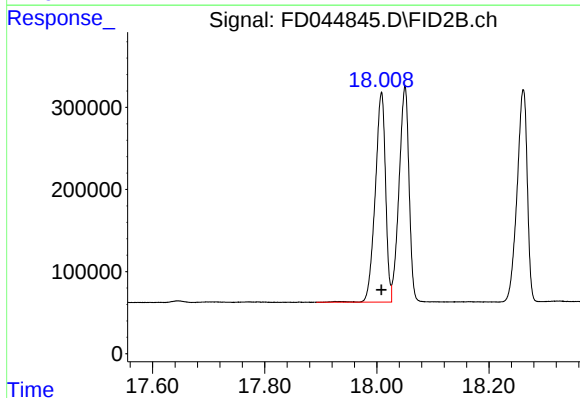
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 3485491
Conc: 19.60 ug/ml



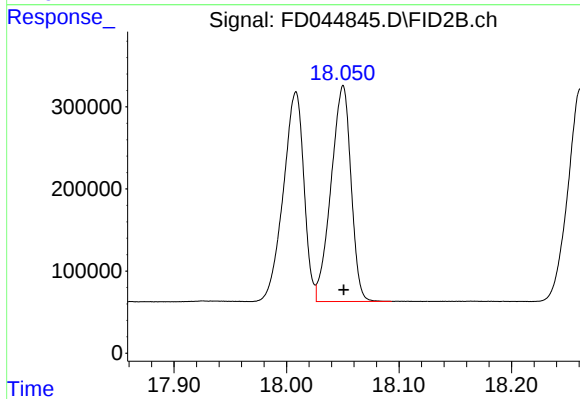
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: 0.000 min
Response: 3439096
Conc: 19.60 ug/ml



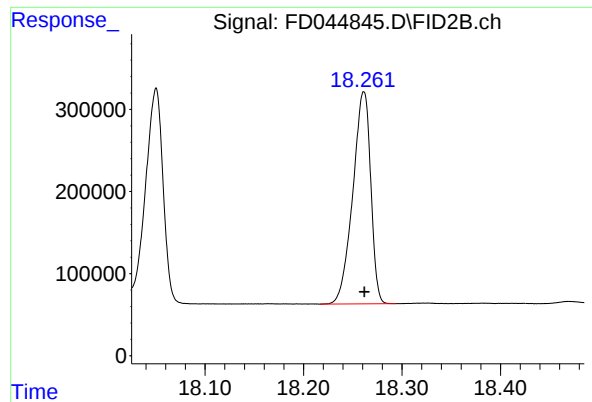
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: 0.000 min
Response: 3270629
Conc: 19.50 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 3242988
Conc: 19.59 ug/ml



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

R.T.: 18.261 min
Delta R.T.: 0.000 min
Response: 3264556
Conc: 19.68 ug/ml