

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110422AR\
 Data File : FD044401.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2022 10:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 05 20:00:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

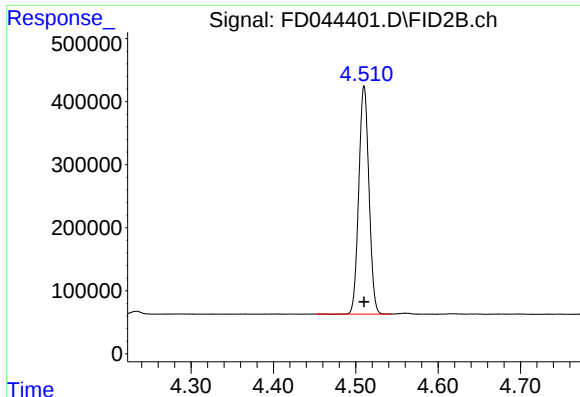
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.707	2888105	21.343 ug/ml
Spiked Amount 50.000		Recovery =	42.69%
6) S 2-Fluorobiphenyl (SURR)	8.569	1985636	21.173 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.35%
11) S ortho-Terphenyl (SURR)	11.607	3709553	21.621 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.510	3110727	21.341 ug/ml
2) T Naphthalene (C11.7)	6.048	3312239	21.273 ug/ml
3) T 2-Methylnaphthalene (...)	7.097	3354329	21.232 ug/ml
5) T Acenaphthylene (C15.06)	8.373	3141079	20.830 ug/ml
7) T Acenaphthene (C15.5)	8.668	3288744	21.254 ug/ml
8) T Fluorene (C16.55)	9.447	3268692	21.254 ug/ml
9) T Phenanthrene (C19.36)	10.843	3226779	21.458 ug/mlm
10) T Anthracene (C19.43)	10.916	3128178	21.351 ug/ml
12) T Fluoranthene (C21.85)	12.649	3300183	21.716 ug/ml
13) T Pyrene (C20.8)	12.946	3248158	21.851 ug/ml
14) T Benzo[a]anthracene (C...	14.809	3062231	21.878 ug/ml
15) T Chrysene (C27.41)	14.852	3224309	22.016 ug/ml
16) T benzo[b]fluoranthene ...	16.352	3196028	22.223 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.385	3173035	22.317 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.730	3128689	22.363 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.088	3043968	22.324 ug/mlm
20) T Dibenz[a,h]anthracene...	18.128	3077021	22.844 ug/ml
21) T Benzo[g,h,i]perylene ...	18.343	3089675	22.633 ug/mlm

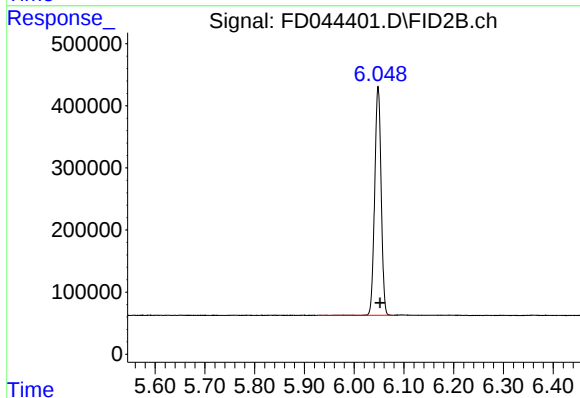
(f)=RT Delta > 1/2 Window

(m)=manual int.



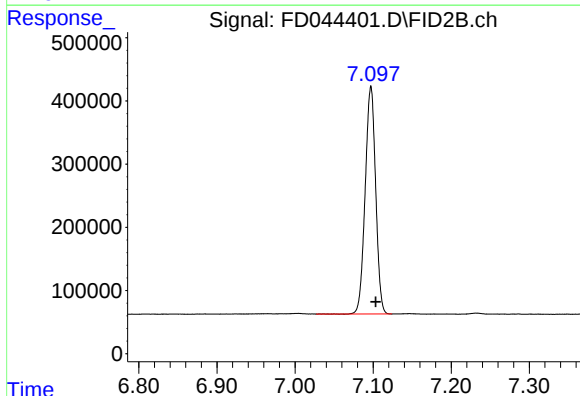
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 3110727
Conc: 21.34 ug/ml



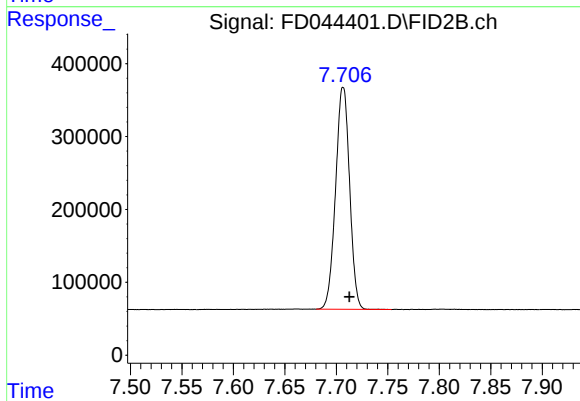
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.004 min
Response: 3312239
Conc: 21.27 ug/ml



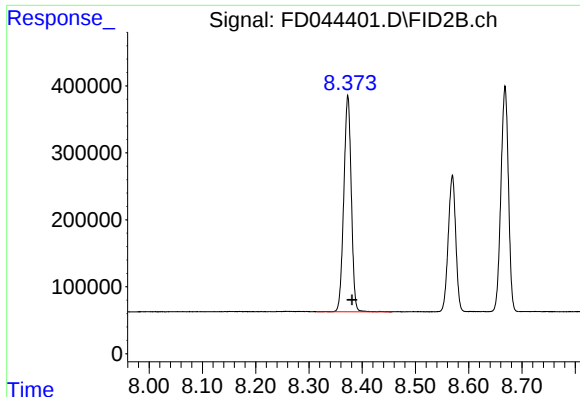
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.006 min
Response: 3354329
Conc: 21.23 ug/ml



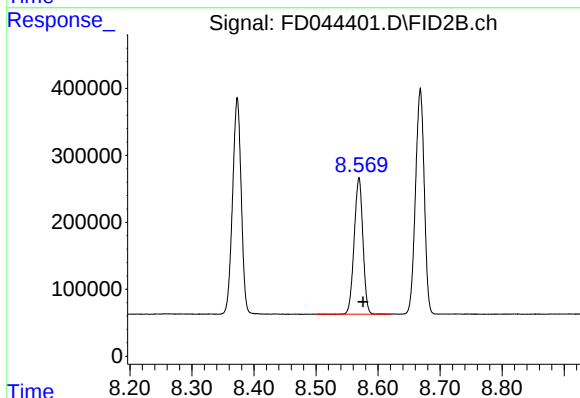
#4 2-Bromonaphthalene (SURR)

R.T.: 7.707 min
Delta R.T.: -0.006 min
Response: 2888105
Conc: 21.34 ug/ml



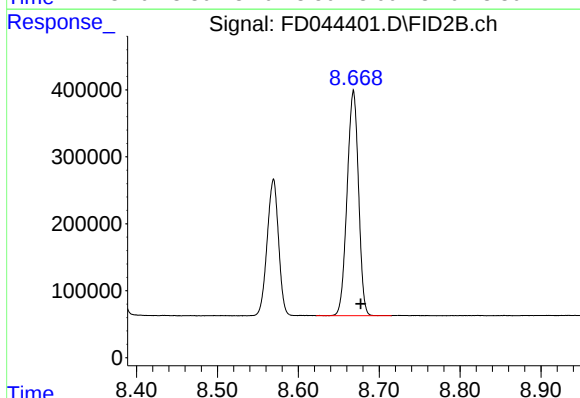
#5 Acenaphthylene (C15.06)

R.T.: 8.373 min
Delta R.T.: -0.008 min
Response: 3141079
Conc: 20.83 ug/ml



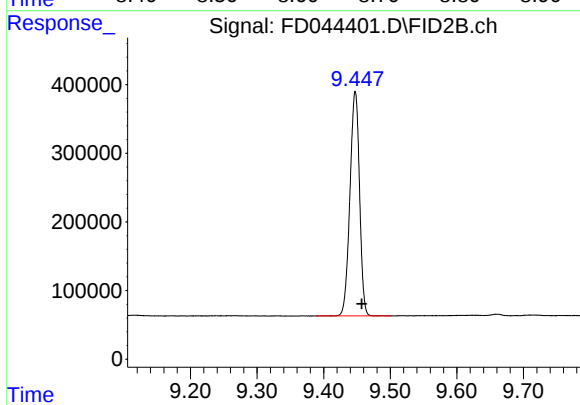
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.569 min
Delta R.T.: -0.007 min
Response: 1985636
Conc: 21.17 ug/ml



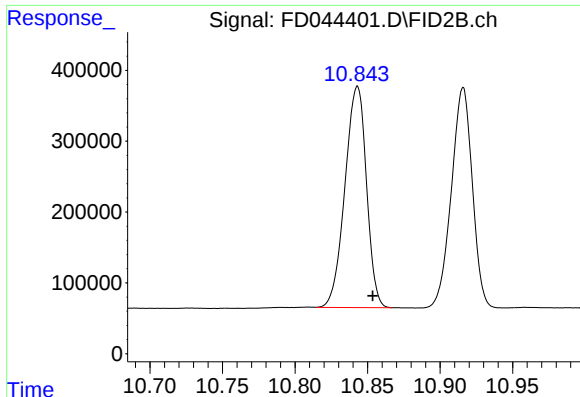
#7 Acenaphthene (C15.5)

R.T.: 8.668 min
Delta R.T.: -0.009 min
Response: 3288744
Conc: 21.25 ug/ml



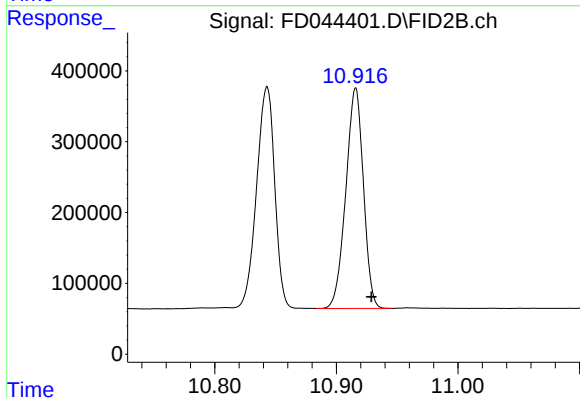
#8 Fluorene (C16.55)

R.T.: 9.447 min
Delta R.T.: -0.010 min
Response: 3268692
Conc: 21.25 ug/ml



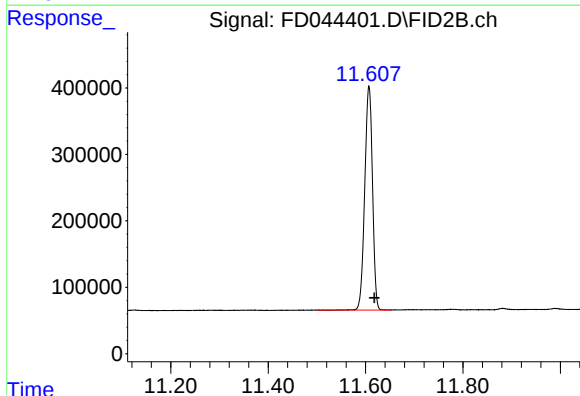
#9 Phenanthrene (C19.36)

R.T.: 10.843 min
Delta R.T.: -0.011 min
Response: 3226779
Conc: 21.46 ug/ml m



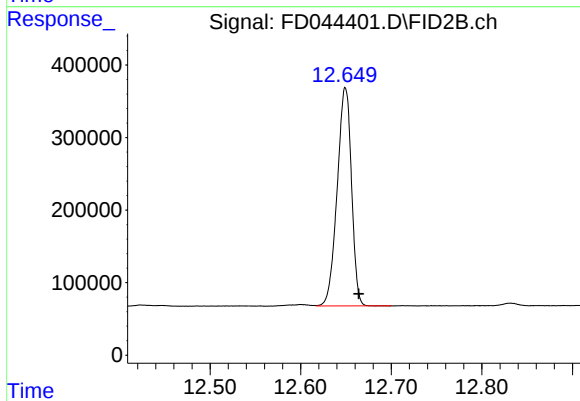
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: -0.013 min
Response: 3128178
Conc: 21.35 ug/ml



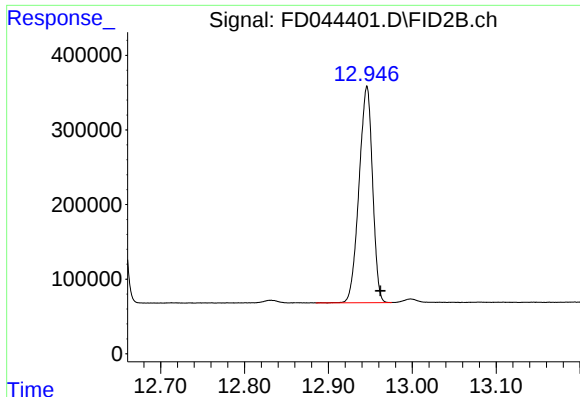
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.011 min
Response: 3709553
Conc: 21.62 ug/ml



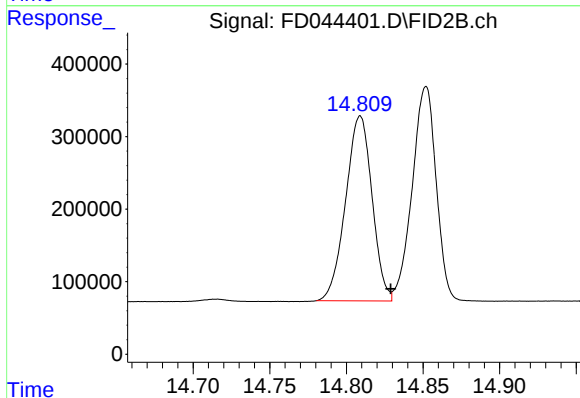
#12 Fluoranthene (C21.85)

R.T.: 12.649 min
Delta R.T.: -0.015 min
Response: 3300183
Conc: 21.72 ug/ml



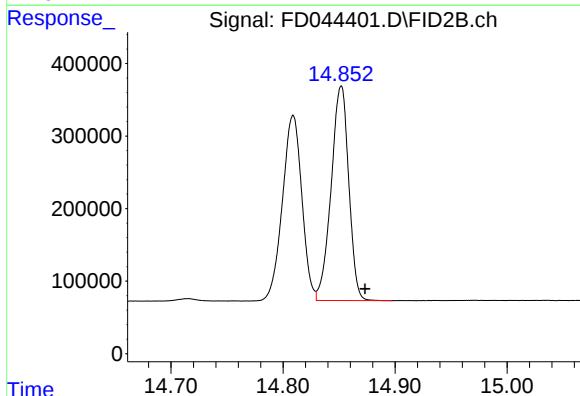
#13 Pyrene (C20.8)

R.T.: 12.946 min
Delta R.T.: -0.016 min
Response: 3248158
Conc: 21.85 ug/ml



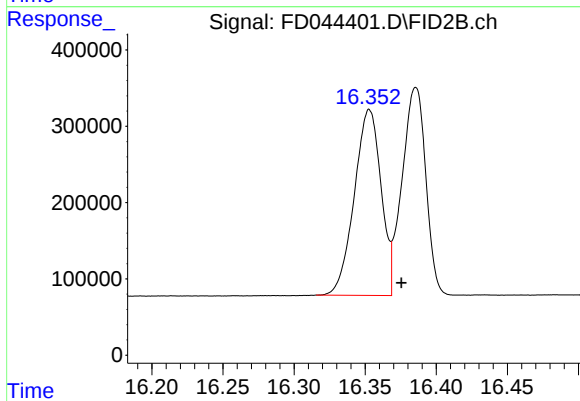
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.809 min
Delta R.T.: -0.020 min
Response: 3062231
Conc: 21.88 ug/ml



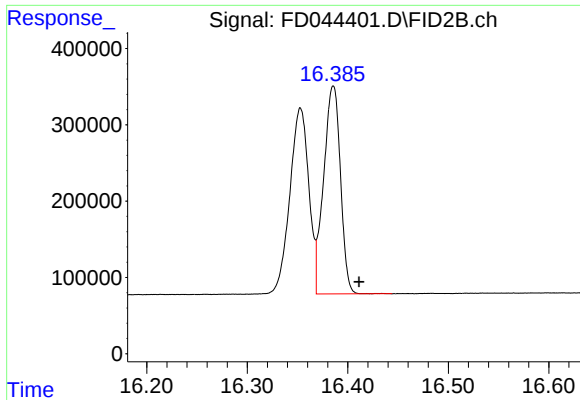
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.022 min
Response: 3224309
Conc: 22.02 ug/ml



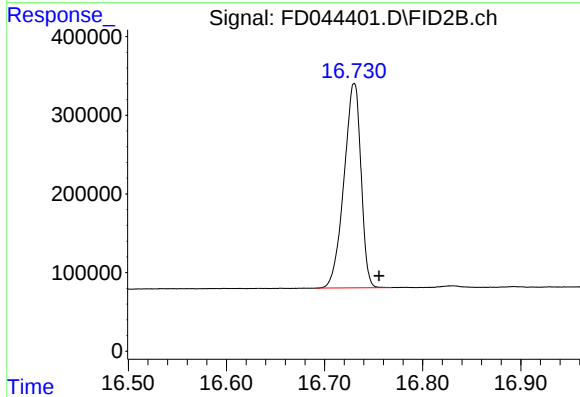
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.352 min
Delta R.T.: -0.023 min
Response: 3196028
Conc: 22.22 ug/ml m



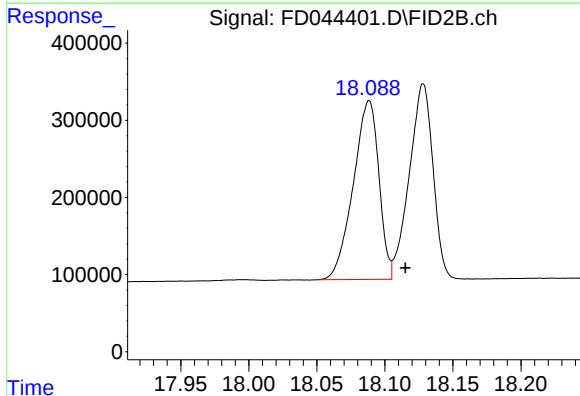
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.385 min
Delta R.T.: -0.026 min
Response: 3173035
Conc: 22.32 ug/ml



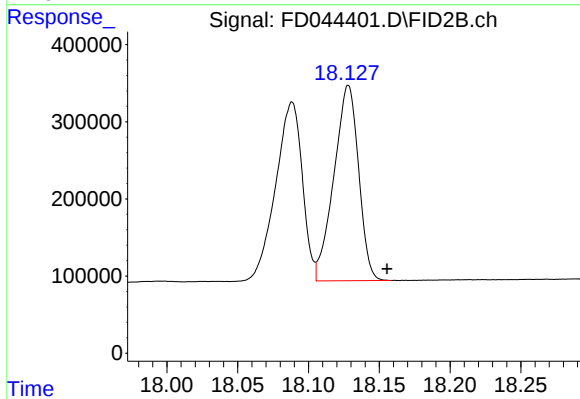
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: -0.026 min
Response: 3128689
Conc: 22.36 ug/ml m



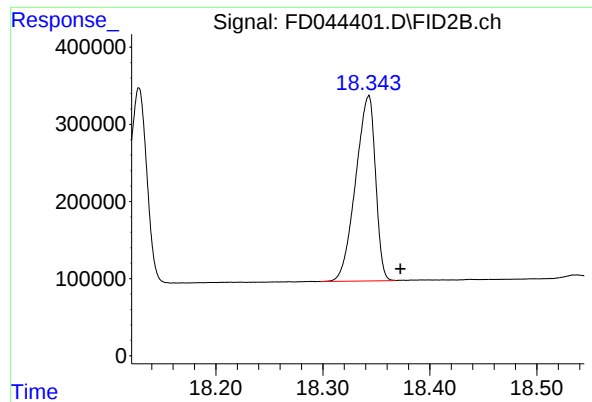
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.088 min
Delta R.T.: -0.027 min
Response: 3043968
Conc: 22.32 ug/ml m



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

R.T.: 18.128 min
Delta R.T.: -0.027 min
Response: 3077021
Conc: 22.84 ug/ml



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

R.T.: 18.343 min
Delta R.T.: -0.030 min
Response: 3089675
Conc: 22.63 ug/ml m