

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122022AR\
 Data File : FD044673.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2022 18:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 21 04:53:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

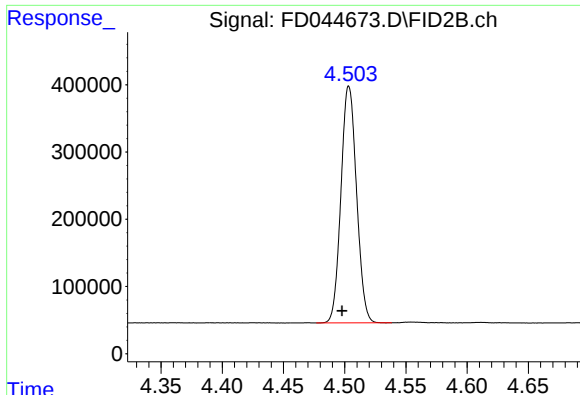
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.681	2790086	21.499 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
6) S 2-Fluorobiphenyl (SURR)	8.538	1880108	21.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.58%
11) S ortho-Terphenyl (SURR)	11.564	3537050	21.734 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	3120890	21.870 ug/ml
2) T Naphthalene (C11.7)	6.031	3241794	21.561 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	3234063	21.405 ug/ml
5) T Acenaphthylene (C15.06)	8.343	2956357	21.266 ug/ml
7) T Acenaphthene (C15.5)	8.637	3150626	21.469 ug/ml
8) T Flouorene (C16.55)	9.413	3088721	21.422 ug/ml
9) T Phenanthrene (C19.36)	10.800	3018719	21.169 ug/ml
10) T Anthracene (C19.43)	10.874	2652648	19.093 ug/ml
12) T Fluoranthene (C21.85)	12.600	3059701	21.463 ug/ml
13) T Pyrene (C20.8)	12.896	2987108	21.464 ug/ml
14) T Benzo[a]anthracene (C...	14.754	2775928	21.454 ug/ml
15) T Chrysene (C27.41)	14.796	3022911	22.423 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2898307	22.020 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2937895	22.561 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2730043	21.124 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	2465409	19.344 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2646047	21.030 ug/ml
21) T Benzo[g,h,i]perylene ...	18.274	2485097	19.321 ug/ml

(f)=RT Delta > 1/2 Window

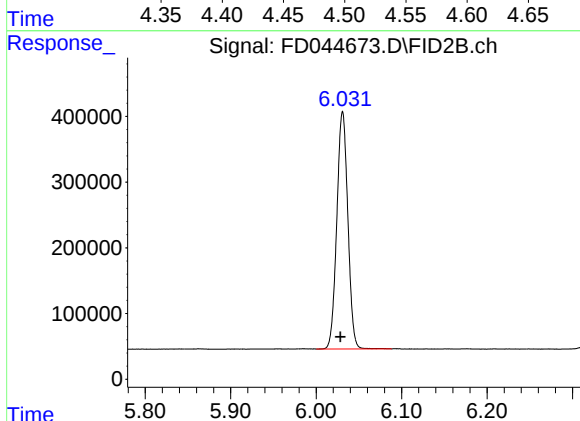
(m)=manual int.



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

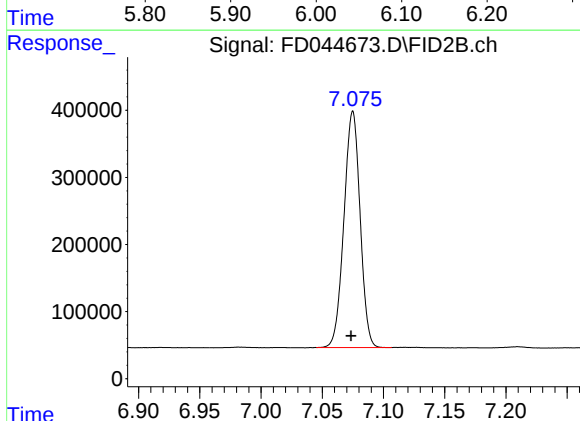
R.T.: 4.504 min
Delta R.T.: 0.006 min
Response: 3120890
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



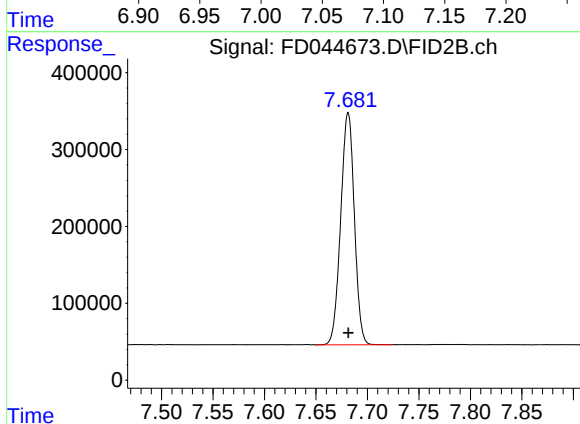
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 3241794
Conc: 21.56 ug/ml



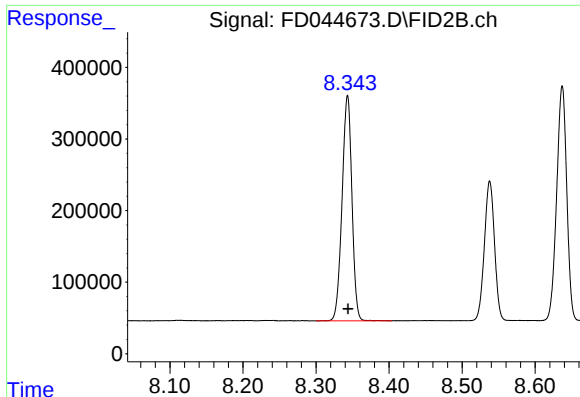
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 3234063
Conc: 21.40 ug/ml



#4 2-Bromonaphthalene (SURR)

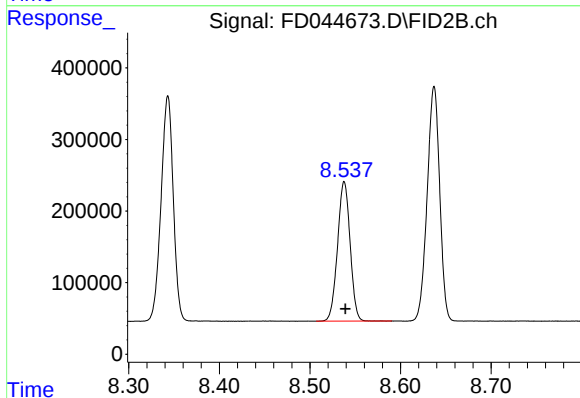
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 2790086
Conc: 21.50 ug/ml



#5 Acenaphthylene (C15.06)

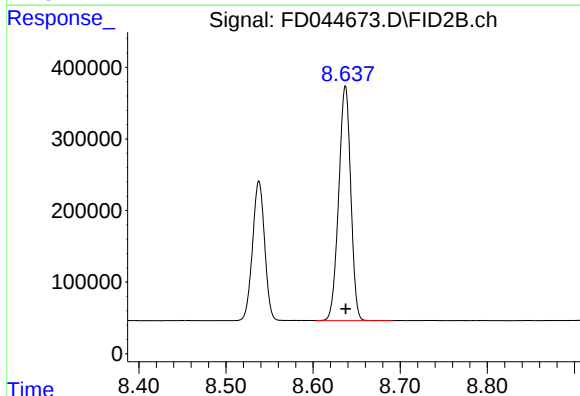
R.T.: 8.343 min
Delta R.T.: 0.000 min
Response: 2956357
Conc: 21.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



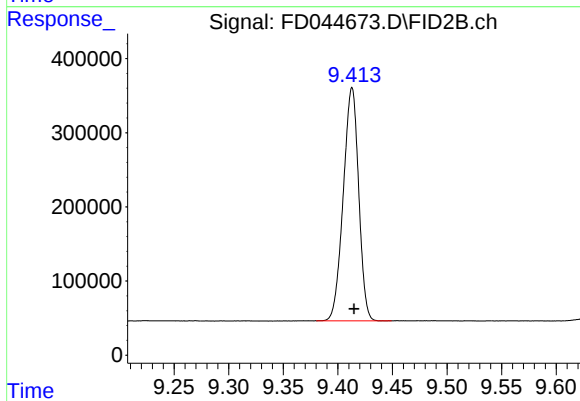
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 1880108
Conc: 21.29 ug/ml



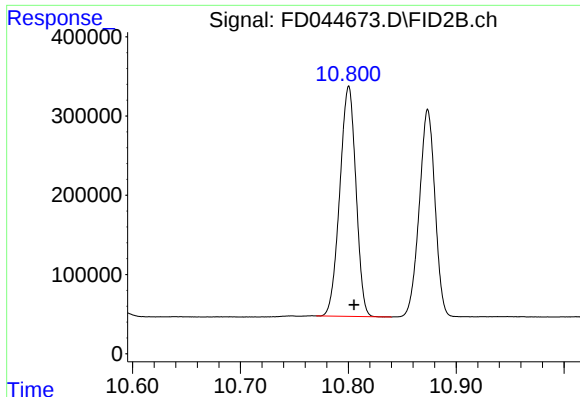
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 3150626
Conc: 21.47 ug/ml



#8 Fluorene (C16.55)

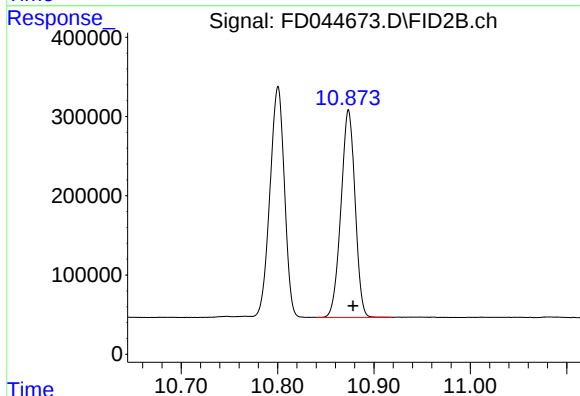
R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 3088721
Conc: 21.42 ug/ml



#9 Phenanthrene (C19.36)

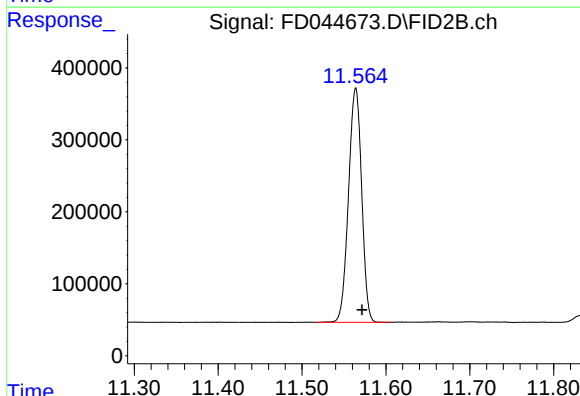
R.T.: 10.800 min
Delta R.T.: -0.005 min
Response: 3018719
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



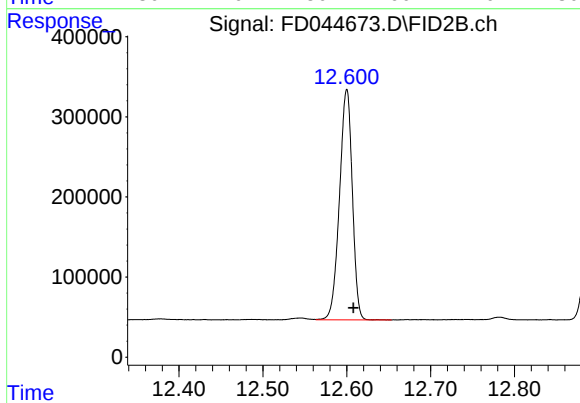
#10 Anthracene (C19.43)

R.T.: 10.874 min
Delta R.T.: -0.005 min
Response: 2652648
Conc: 19.09 ug/ml



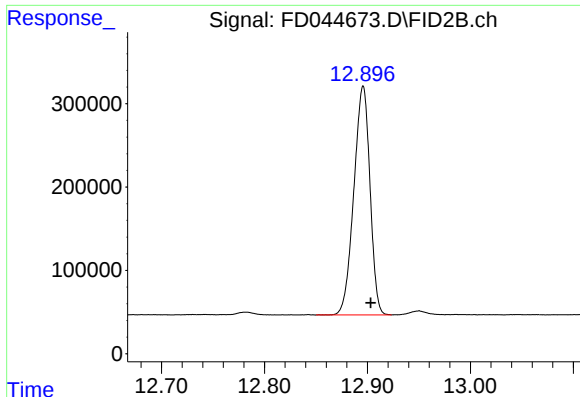
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 3537050
Conc: 21.73 ug/ml



#12 Fluoranthene (C21.85)

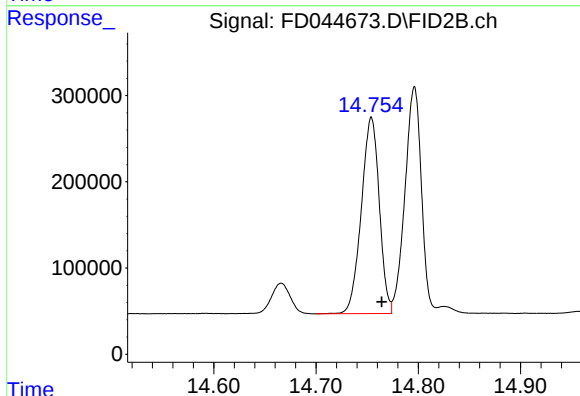
R.T.: 12.600 min
Delta R.T.: -0.008 min
Response: 3059701
Conc: 21.46 ug/ml



#13 Pyrene (C20.8)

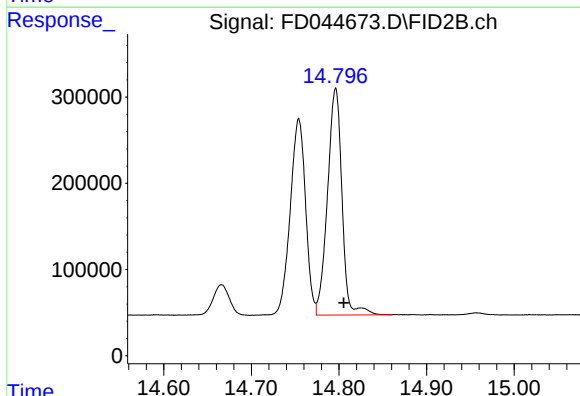
R.T.: 12.896 min
Delta R.T.: -0.008 min
Response: 2987108
Conc: 21.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



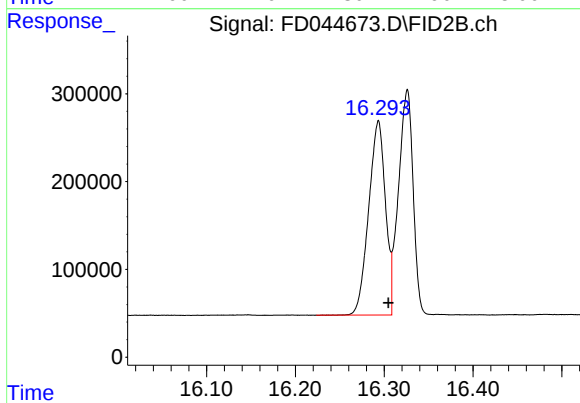
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.010 min
Response: 2775928
Conc: 21.45 ug/ml



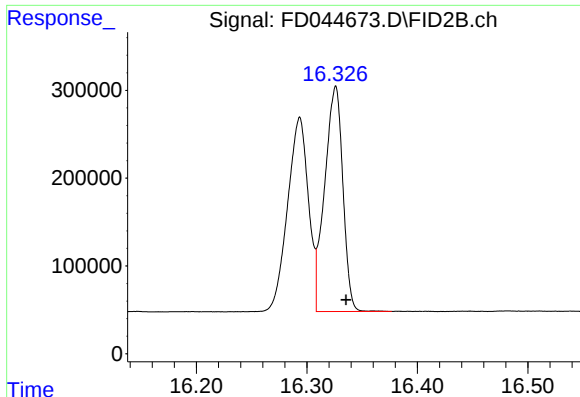
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.010 min
Response: 3022911
Conc: 22.42 ug/ml



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

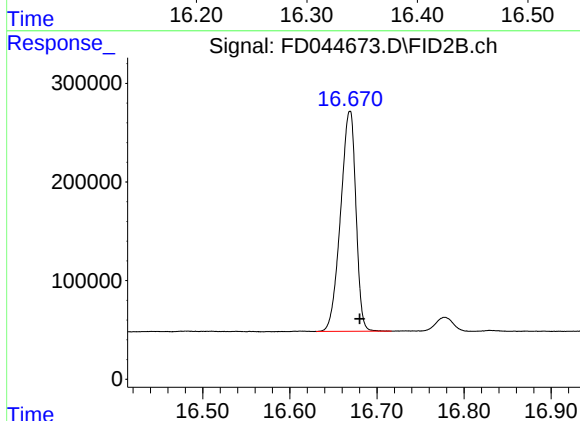
R.T.: 16.293 min
Delta R.T.: -0.011 min
Response: 2898307
Conc: 22.02 ug/ml



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

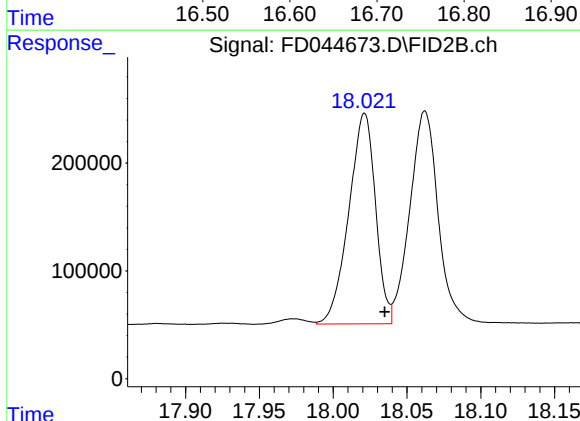
R.T.: 16.326 min
Delta R.T.: -0.010 min
Response: 2937895
Conc: 22.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



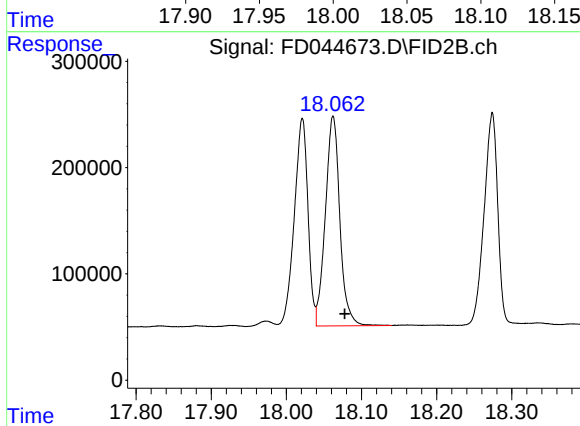
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.012 min
Response: 2730043
Conc: 21.12 ug/ml



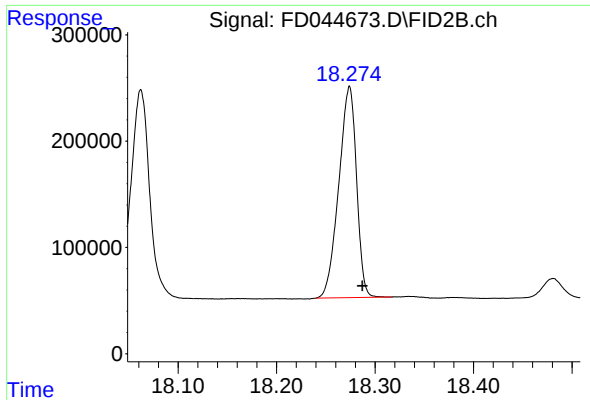
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.014 min
Response: 2465409
Conc: 19.34 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.015 min
Response: 2646047
Conc: 21.03 ug/ml



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

R.T.: 18.274 min
Delta R.T.: -0.013 min
Response: 2485097
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD