

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043063.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2022 16:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 02:51:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

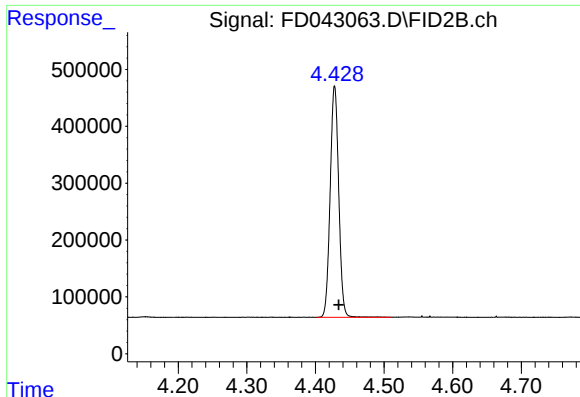
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.629	3235291	20.953 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
6) S 2-Fluorobiphenyl (SURR)	8.492	2197586	20.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.67%
11) S ortho-Terphenyl (SURR)	11.536	3714654	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	3518177	20.948 ug/ml
2) T Naphthalene (C11.7)	5.966	3645939	20.825 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	3361886	20.902 ug/ml
5) T Acenaphthylene (C15.06)	8.295	3643215	20.497 ug/ml
7) T Acenaphthene (C15.5)	8.591	3633535	20.750 ug/ml
8) T Flouorene (C16.55)	9.372	3574812	20.623 ug/ml
9) T Phenanthrene (C19.36)	10.769	3518364	20.514 ug/ml
10) T Anthracene (C19.43)	10.843	3400906	20.018 ug/ml
12) T Fluoranthene (C21.85)	12.581	3435488	20.484 ug/ml
13) T Pyrene (C20.8)	12.878	2667123	16.366 ug/ml
14) T Benzo[a]anthracene (C...	14.751	3179329	20.472 ug/ml
15) T Chrysene (C27.41)	14.793	3181589	20.158 ug/ml
16) T benzo[b]fluoranthene ...	16.333	2998132	19.668 ug/ml
17) T Bnezo[k]fluoranthene ...	16.333	2998132	20.485 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	2956582	20.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	2866110	22.904 ug/ml
20) T Dibenz[a,h]anthracene...	18.084	2866110	21.319 ug/ml
21) T Benzo[g,h,i]perylene ...	18.299	2798214	21.454 ug/ml

(f)=RT Delta > 1/2 Window

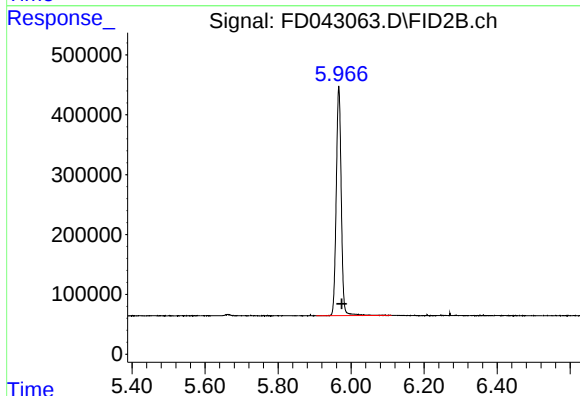
(m)=manual int.



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

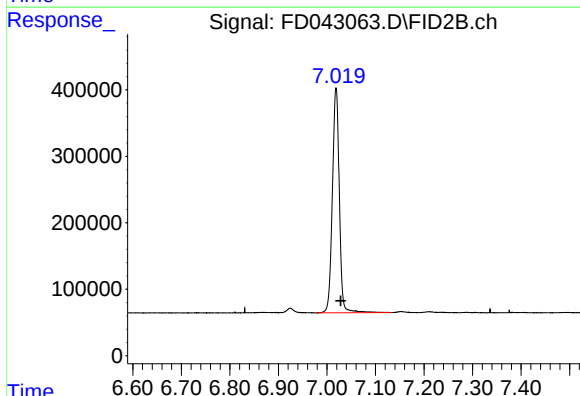
R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 3518177
Conc: 20.95 ug/ml

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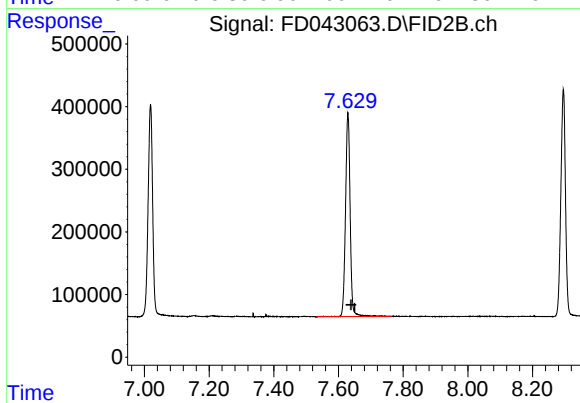
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.009 min
Response: 3645939
Conc: 20.83 ug/ml



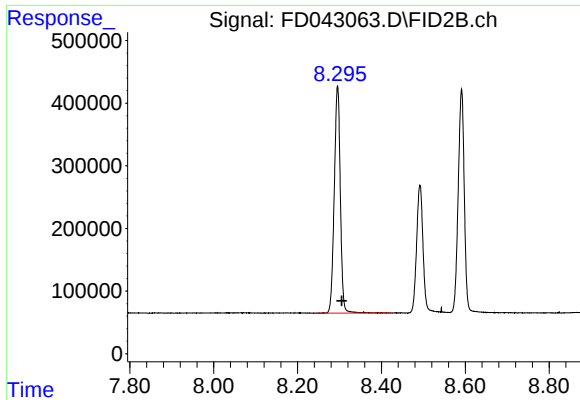
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 3361886
Conc: 20.90 ug/ml



#4 2-Bromonaphthalene (SURR)

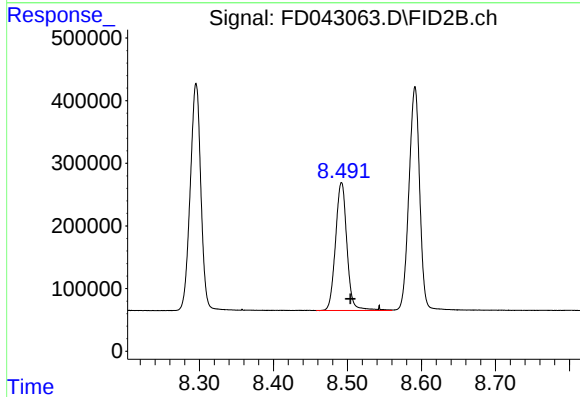
R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 3235291
Conc: 20.95 ug/ml



#5 Acenaphthylene (C15.06)

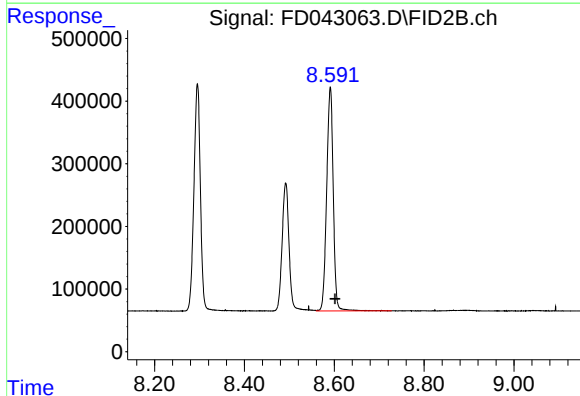
R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 3643215
Conc: 20.50 ug/ml

Instrument :
FID_D
ClientSampleId :



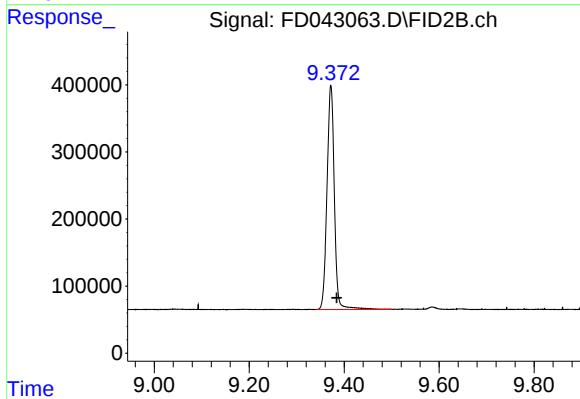
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.492 min
Delta R.T.: -0.012 min
Response: 2197586
Conc: 20.84 ug/ml



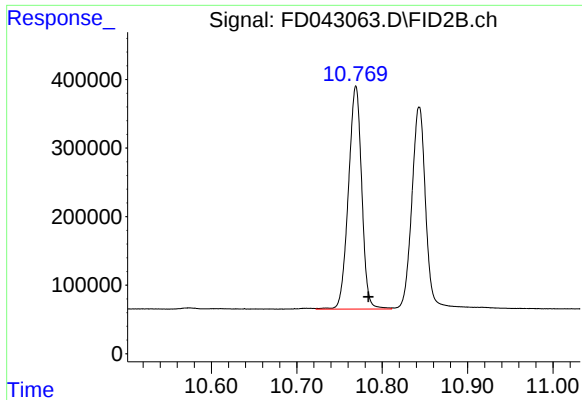
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: -0.011 min
Response: 3633535
Conc: 20.75 ug/ml



#8 Flouorene (C16.55)

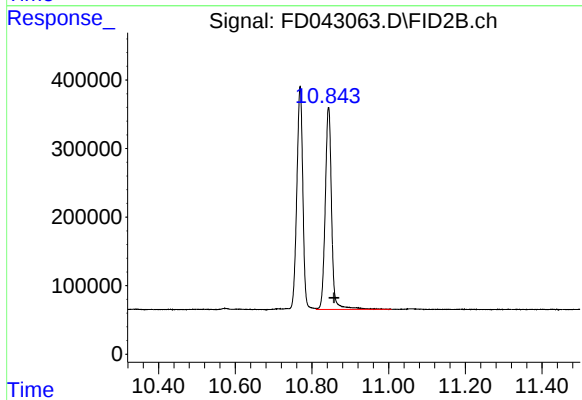
R.T.: 9.372 min
Delta R.T.: -0.013 min
Response: 3574812
Conc: 20.62 ug/ml



#9 Phenanthrene (C19.36)

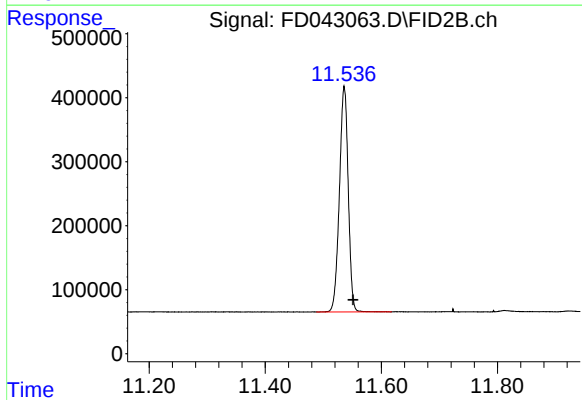
R.T.: 10.769 min
Delta R.T.: -0.015 min
Response: 3518364
Conc: 20.51 ug/ml

Instrument :
FID_D
ClientSampleId :



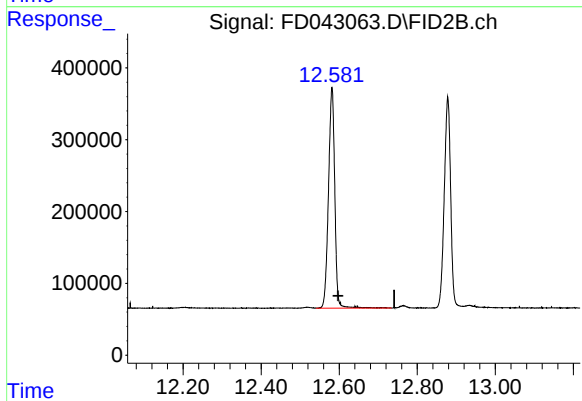
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: -0.015 min
Response: 3400906
Conc: 20.02 ug/ml



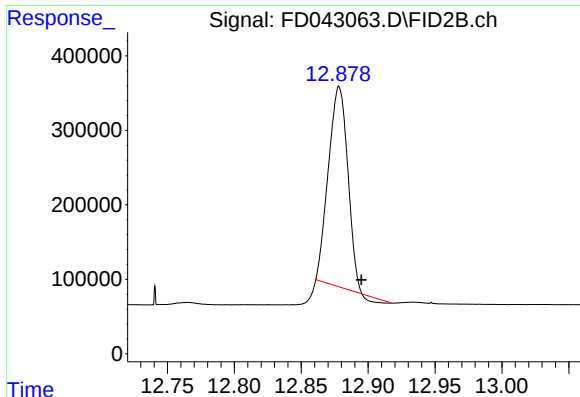
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 3714654
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

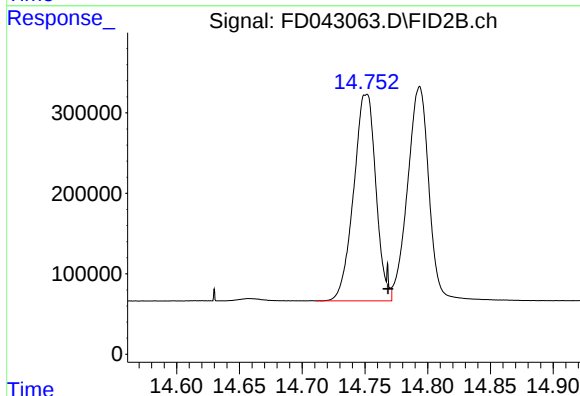
R.T.: 12.581 min
Delta R.T.: -0.016 min
Response: 3435488
Conc: 20.48 ug/ml



#13 Pyrene (C20.8)

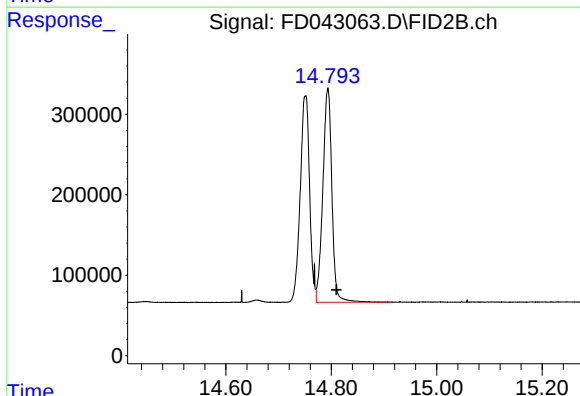
R.T.: 12.878 min
Delta R.T.: -0.017 min
Response: 2667123
Conc: 16.37 ug/ml

Instrument :
FID_D
ClientSampleId :



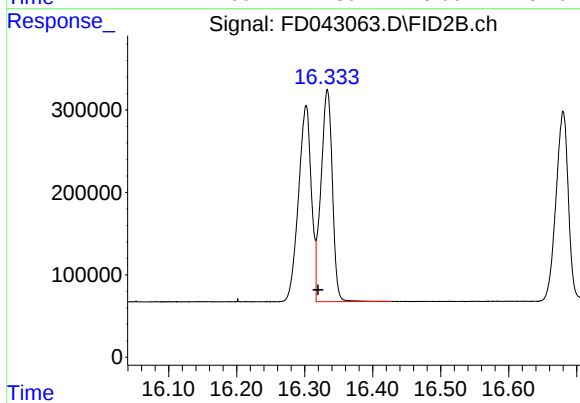
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.751 min
Delta R.T.: -0.018 min
Response: 3179329
Conc: 20.47 ug/ml



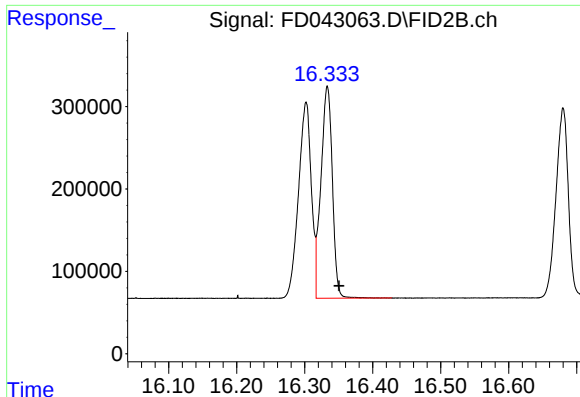
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: -0.016 min
Response: 3181589
Conc: 20.16 ug/ml



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

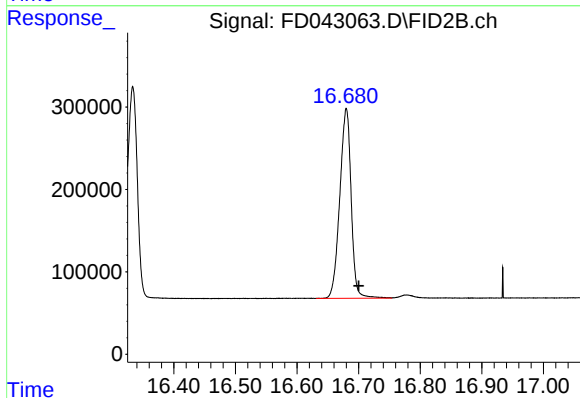
R.T.: 16.333 min
Delta R.T.: 0.013 min
Response: 2998132
Conc: 19.67 ug/ml



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

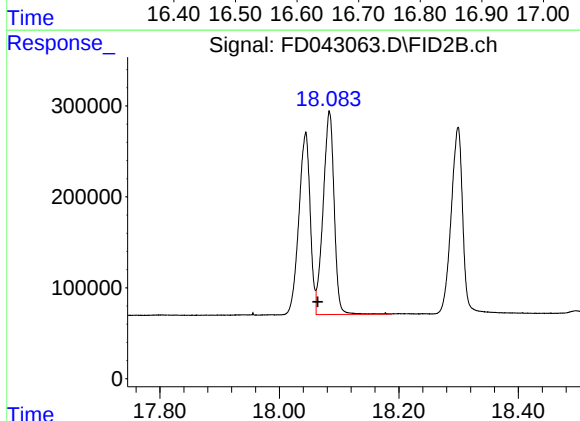
R.T.: 16.333 min
Delta R.T.: -0.017 min
Response: 2998132
Conc: 20.48 ug/ml

Instrument :
FID_D
ClientSampleId :



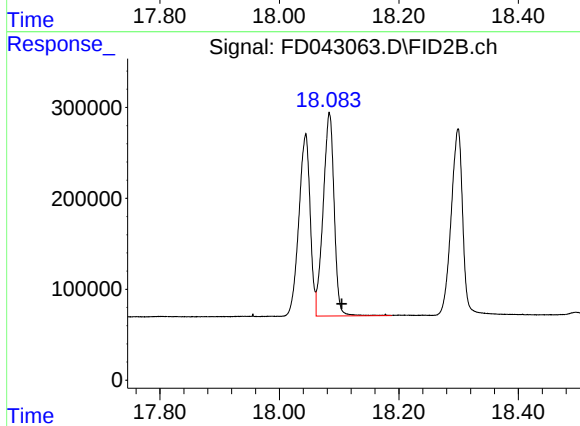
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: -0.020 min
Response: 2956582
Conc: 20.67 ug/ml



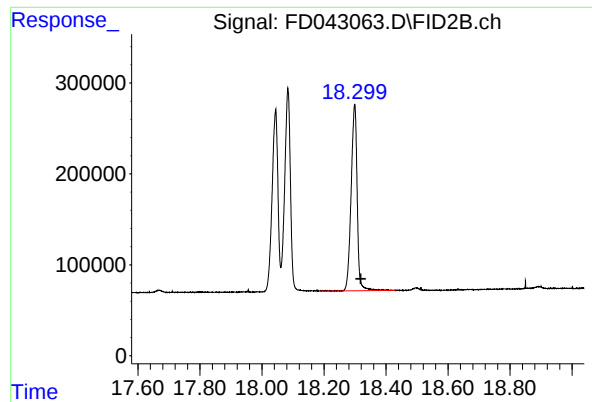
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min
Delta R.T.: 0.020 min
Response: 2866110
Conc: 22.90 ug/ml



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

R.T.: 18.084 min
Delta R.T.: -0.021 min
Response: 2866110
Conc: 21.32 ug/ml



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

R.T.: 18.299 min
Delta R.T.: -0.020 min
Response: 2798214
Conc: 21.45 ug/ml

Instrument :

FID_D

ClientSampleId :