

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047851.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 09:38
 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: May 24 23:49:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

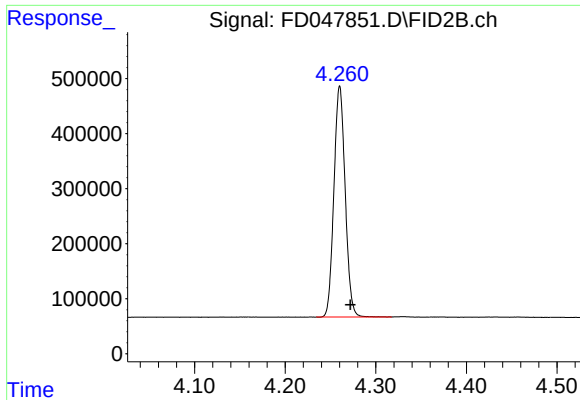
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.447	3259716	23.219 ug/ml
Spiked Amount 50.000		Recovery =	46.44%
6) S 2-Fluorobiphenyl (SURR)	8.300	2183305	23.575 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.15%
11) S ortho-Terphenyl (SURR)	11.341	3688093	23.067 ug/ml
Spiked Amount 50.000		Recovery =	46.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.260	3621899	22.932 ug/ml
2) T Naphthalene (C11.7)	5.785	3787224	23.202 ug/ml
3) T 2-Methylnaphthalene (...)	6.835	3818469	23.173 ug/ml
5) T Acenaphthylene (C15.06)	8.103	3760006	23.005 ug/ml
7) T Acenaphthene (C15.5)	8.399	3768335	23.079 ug/ml
8) T Flouorene (C16.55)	9.177	3683525	23.415 ug/ml
9) T Phenanthrene (C19.36)	10.568	3624517	23.504 ug/ml
10) T Anthracene (C19.43)	10.642	3465295	23.051 ug/ml
12) T Fluoranthene (C21.85)	12.374	3518445	23.185 ug/ml
13) T Pyrene (C20.8)	12.668	3489238	23.145 ug/ml
14) T Benzo[a]anthracene (C...	14.538	3235795	23.605 ug/ml
15) T Chrysene (C27.41)	14.580	3337254	22.653 ug/ml
16) T benzo[b]fluoranthene ...	16.086	3249826	23.091 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	3102575	22.783 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	3199872	23.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2879980	24.982 ug/ml
20) T Dibenz[a,h]anthracene...	17.865	3212642	24.093 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	3133569	23.563 ug/ml

(f)=RT Delta > 1/2 Window

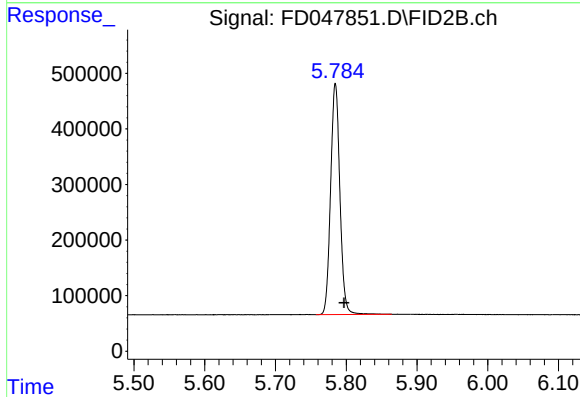
(m)=manual int.



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

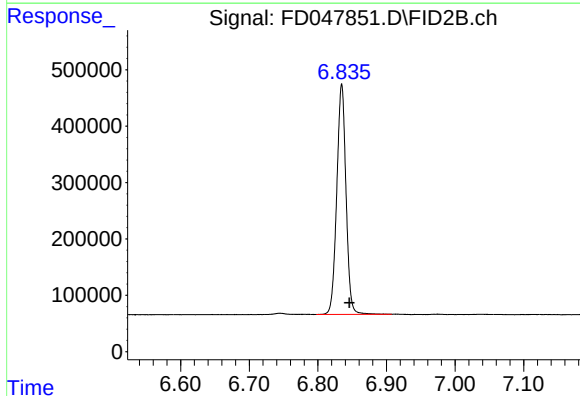
R.T.: 4.260 min
Delta R.T.: -0.012 min
Response: 3621899
Conc: 22.93 ug/ml

Instrument :
FID_D
ClientSampleId :



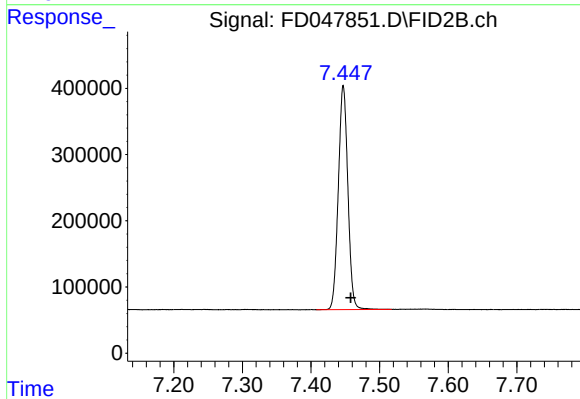
#2 Naphthalene (C11.7)

R.T.: 5.785 min
Delta R.T.: -0.012 min
Response: 3787224
Conc: 23.20 ug/ml



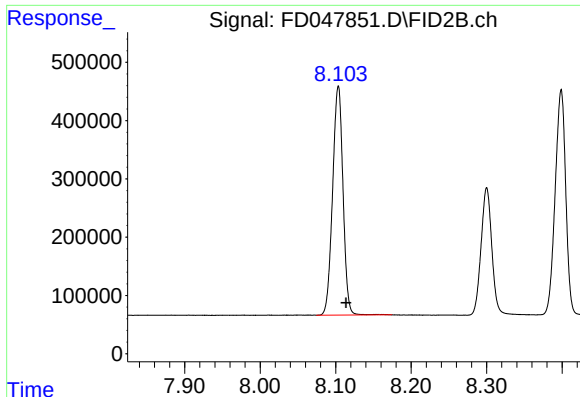
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.835 min
Delta R.T.: -0.011 min
Response: 3818469
Conc: 23.17 ug/ml



#4 2-Bromonaphthalene (SURR)

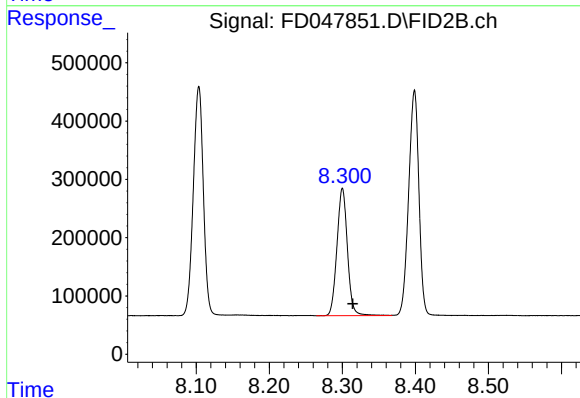
R.T.: 7.447 min
Delta R.T.: -0.011 min
Response: 3259716
Conc: 23.22 ug/ml



#5 Acenaphthylene (C15.06)

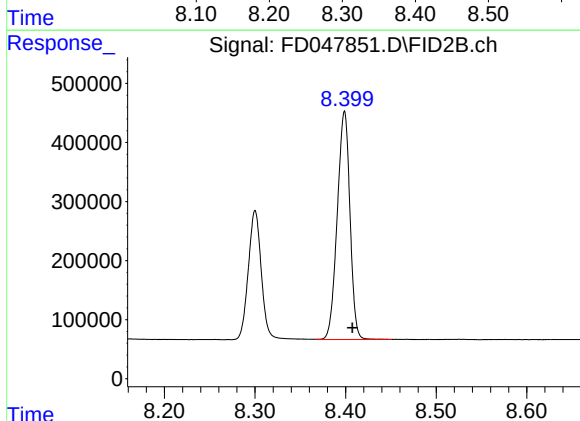
R.T.: 8.103 min
Delta R.T.: -0.011 min
Response: 3760006
Conc: 23.00 ug/ml

Instrument :
FID_D
ClientSampleId :



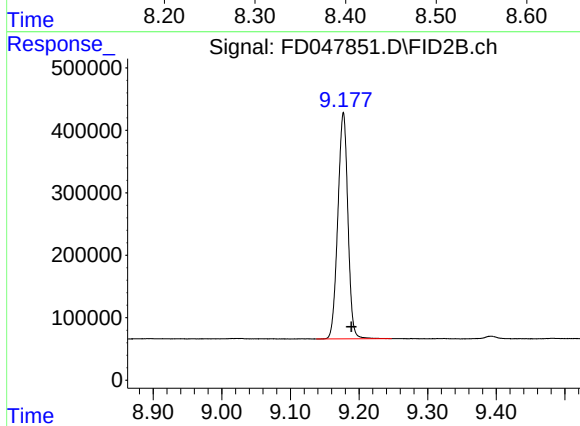
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
Delta R.T.: -0.014 min
Response: 2183305
Conc: 23.57 ug/ml



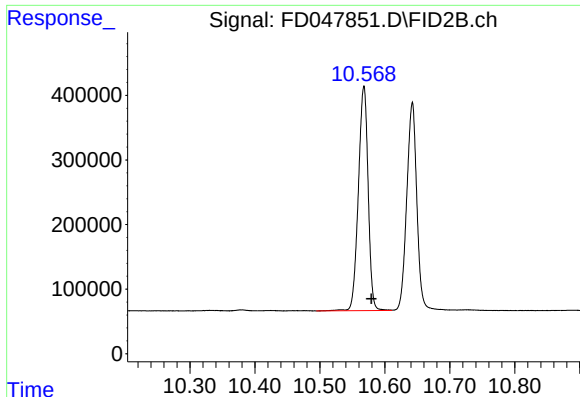
#7 Acenaphthene (C15.5)

R.T.: 8.399 min
Delta R.T.: -0.009 min
Response: 3768335
Conc: 23.08 ug/ml



#8 Flouorene (C16.55)

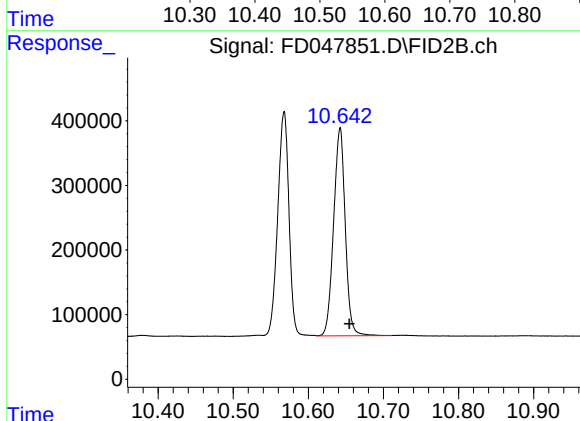
R.T.: 9.177 min
Delta R.T.: -0.012 min
Response: 3683525
Conc: 23.41 ug/ml



#9 Phenanthrene (C19.36)

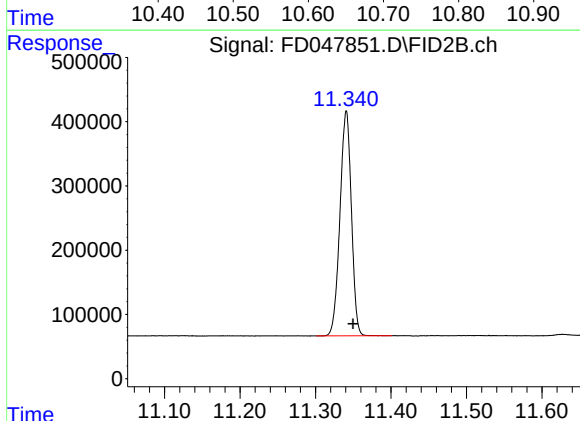
R.T.: 10.568 min
Delta R.T.: -0.012 min
Response: 3624517
Conc: 23.50 ug/ml

Instrument :
FID_D
ClientSampleId :



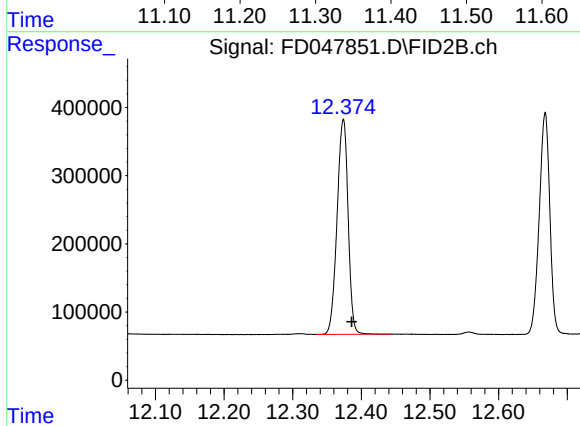
#10 Anthracene (C19.43)

R.T.: 10.642 min
Delta R.T.: -0.013 min
Response: 3465295
Conc: 23.05 ug/ml



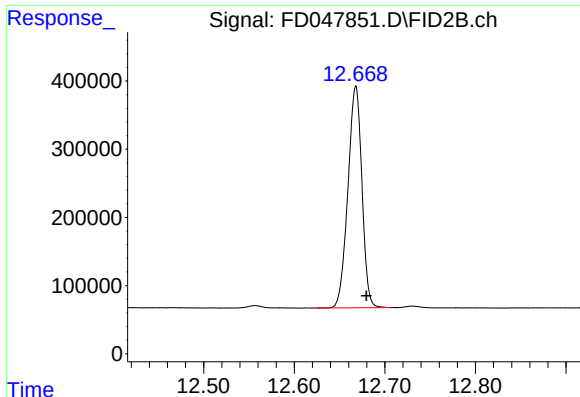
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.009 min
Response: 3688093
Conc: 23.07 ug/ml



#12 Fluoranthene (C21.85)

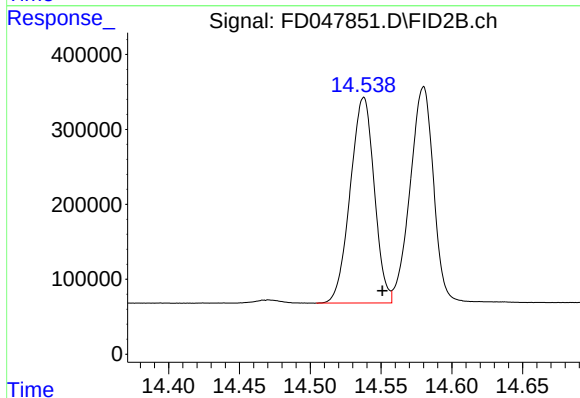
R.T.: 12.374 min
Delta R.T.: -0.013 min
Response: 3518445
Conc: 23.19 ug/ml



#13 Pyrene (C20.8)

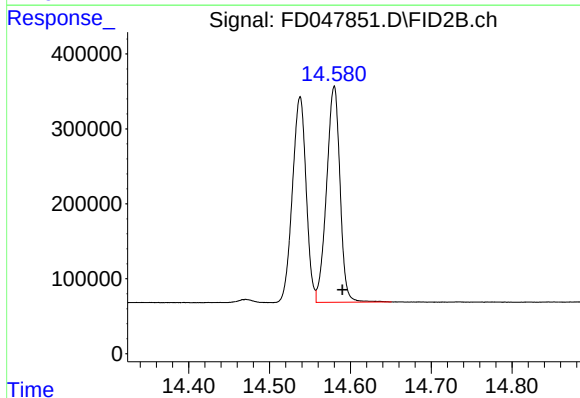
R.T.: 12.668 min
Delta R.T.: -0.012 min
Response: 3489238
Conc: 23.15 ug/ml

Instrument :
FID_D
ClientSampleId :



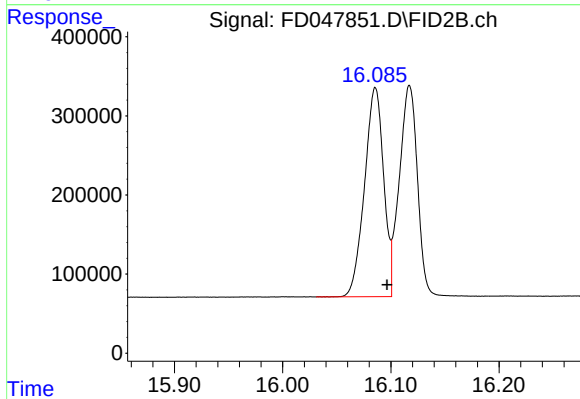
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: -0.013 min
Response: 3235795
Conc: 23.60 ug/ml



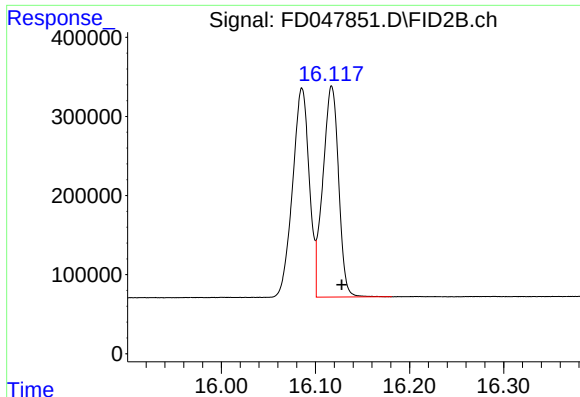
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: -0.011 min
Response: 3337254
Conc: 22.65 ug/ml



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

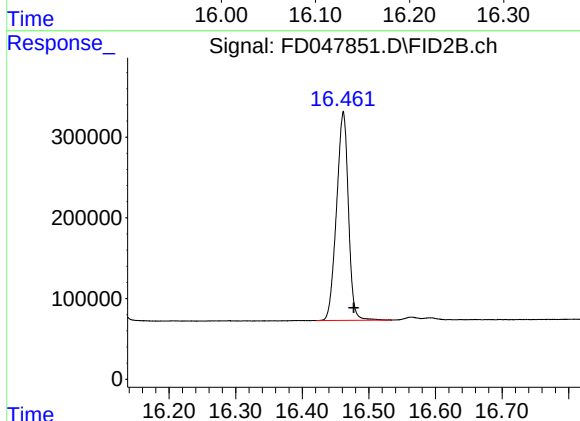
R.T.: 16.086 min
Delta R.T.: -0.011 min
Response: 3249826
Conc: 23.09 ug/ml



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

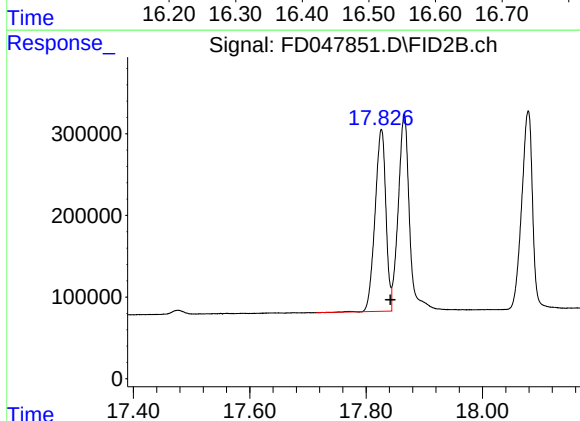
R.T.: 16.117 min
Delta R.T.: -0.011 min
Response: 3102575
Conc: 22.78 ug/ml

Instrument :
FID_D
ClientSampleId :



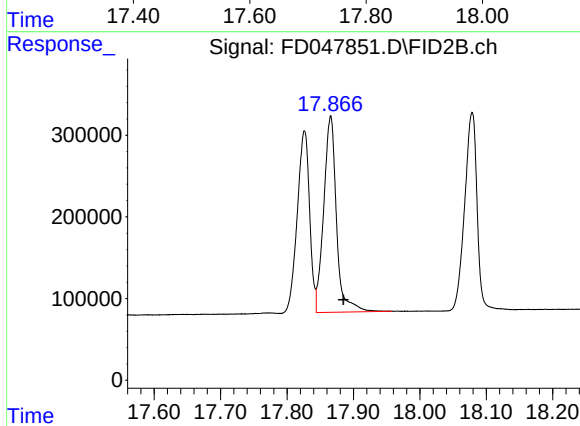
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: -0.016 min
Response: 3199872
Conc: 23.12 ug/ml



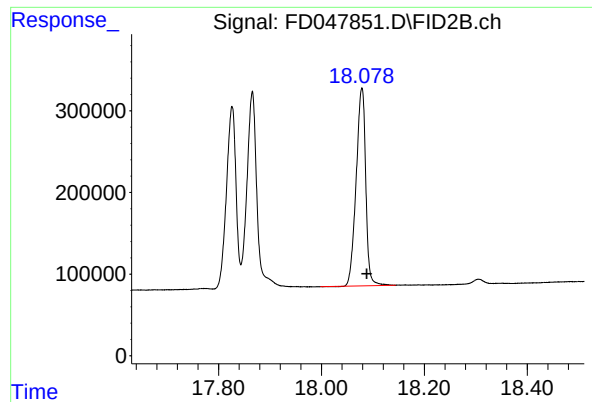
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: -0.015 min
Response: 2879980
Conc: 24.98 ug/ml



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

R.T.: 17.865 min
Delta R.T.: -0.019 min
Response: 3212642
Conc: 24.09 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.010 min
Response: 3133569
Conc: 23.56 ug/ml

Instrument :

FID_D

ClientSampleId :