

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045978.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 00:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 27 02:48:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

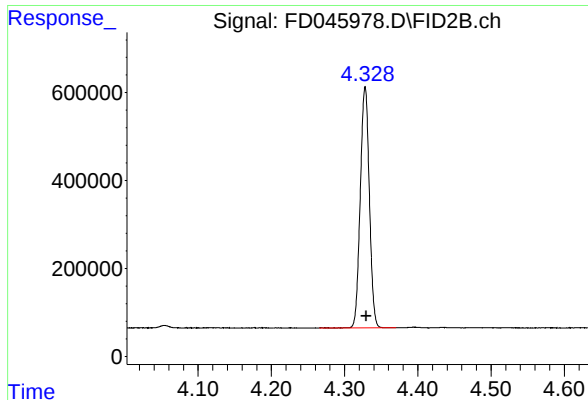
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.518	4072500	18.898 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
6) S 2-Fluorobiphenyl (SURR)	8.373	2608213	18.845 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.69%
11) S ortho-Terphenyl (SURR)	11.412	4793376	18.907 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	4711167	18.912 ug/ml
2) T Naphthalene (C11.7)	5.857	4816585	18.880 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	4762919	18.893 ug/ml
5) T Acenaphthylene (C15.06)	8.177	4131264	19.021 ug/ml
7) T Acenaphthene (C15.5)	8.473	4456999	18.908 ug/ml
8) T Fluorene (C16.55)	9.251	4272435	18.883 ug/ml
9) T Phenanthrene (C19.36)	10.641	3990985	18.704 ug/ml
10) T Anthracene (C19.43)	10.714	3060386	19.261 ug/ml
12) T Fluoranthene (C21.85)	12.444	3776041	18.451 ug/ml
13) T Pyrene (C20.8)	12.739	3650335	18.774 ug/ml
14) T Benzo[a]anthracene (C...	14.603	3317036	18.444 ug/ml
15) T Chrysene (C27.41)	14.646	3527294	17.971 ug/ml
16) T benzo[b]fluoranthene ...	16.146	3538236	18.865 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	3527656	17.834 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	3392184	19.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	3521467	18.922 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	3842372	20.899 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3556090	19.032 ug/ml

(f)=RT Delta > 1/2 Window

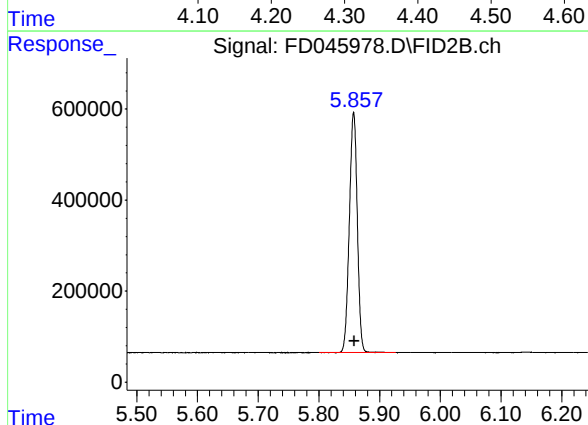
(m)=manual int.



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

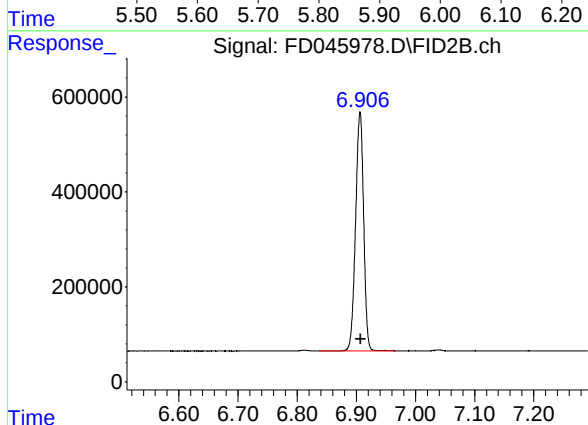
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 4711167
Conc: 18.91 ug/ml

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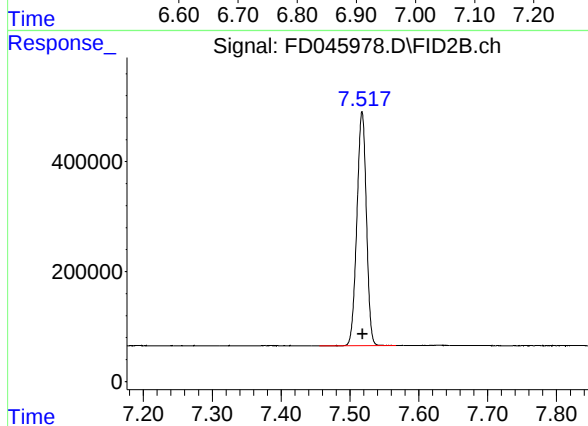
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 4816585
Conc: 18.88 ug/ml



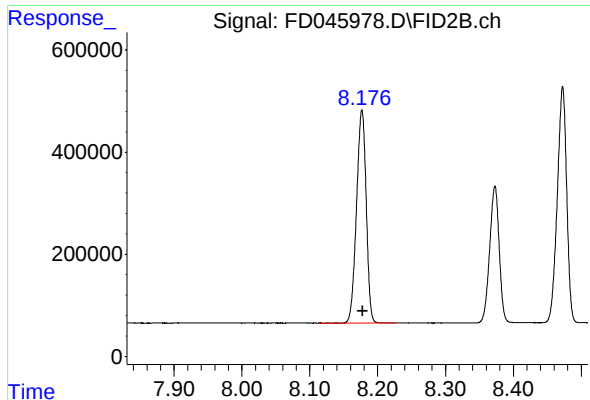
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 4762919
Conc: 18.89 ug/ml



#4 2-Bromonaphthalene (SURR)

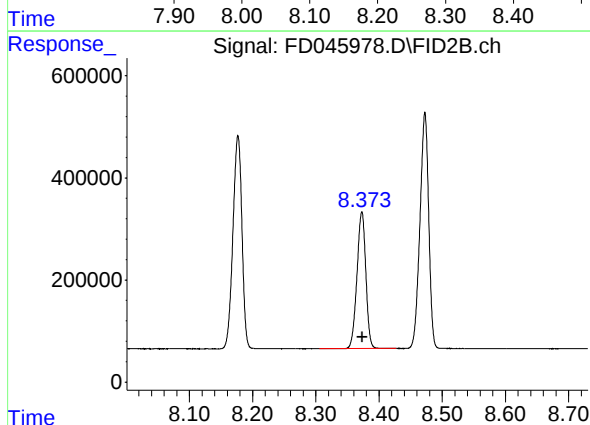
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4072500
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

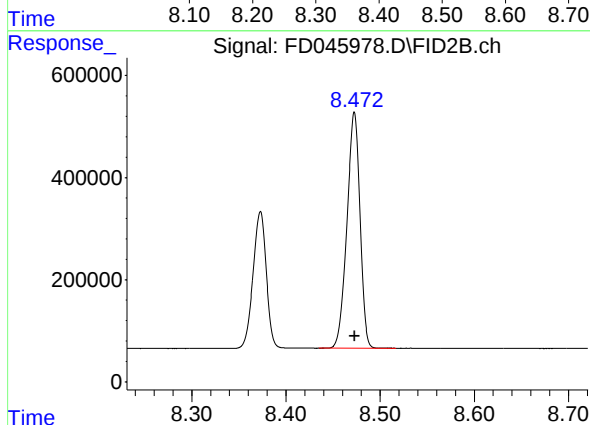
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 4131264
Conc: 19.02 ug/ml

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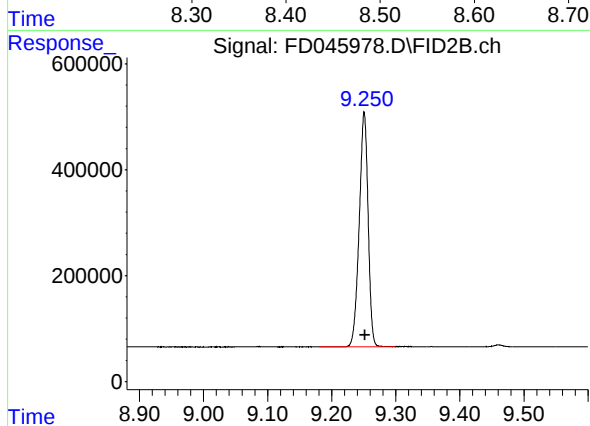
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 2608213
Conc: 18.85 ug/ml



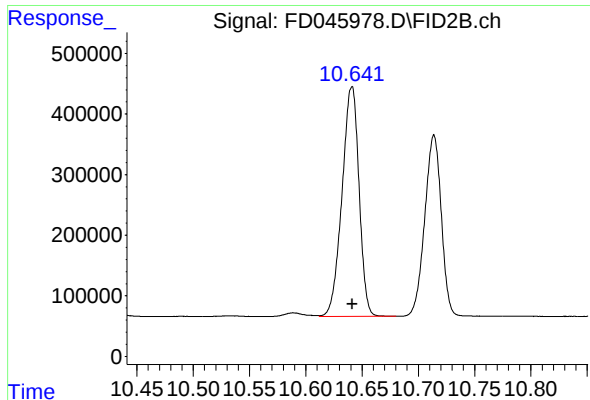
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 4456999
Conc: 18.91 ug/ml



#8 Fluorene (C16.55)

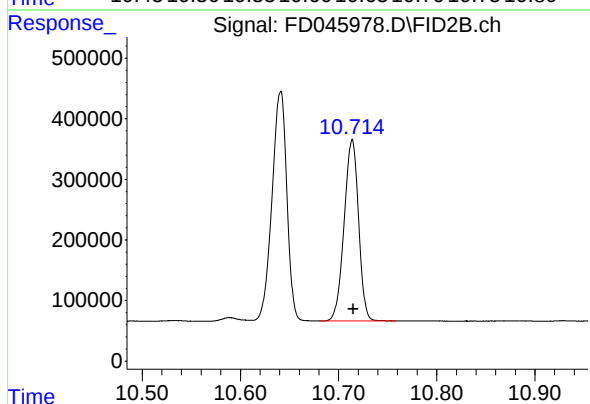
R.T.: 9.251 min
Delta R.T.: -0.001 min
Response: 4272435
Conc: 18.88 ug/ml



#9 Phenanthrene (C19.36)

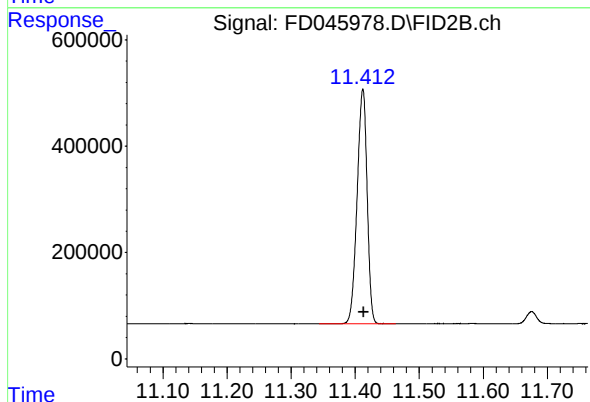
R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 3990985
Conc: 18.70 ug/ml

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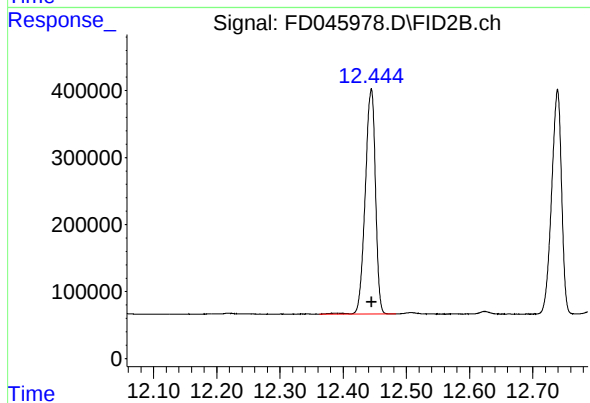
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.001 min
Response: 3060386
Conc: 19.26 ug/ml



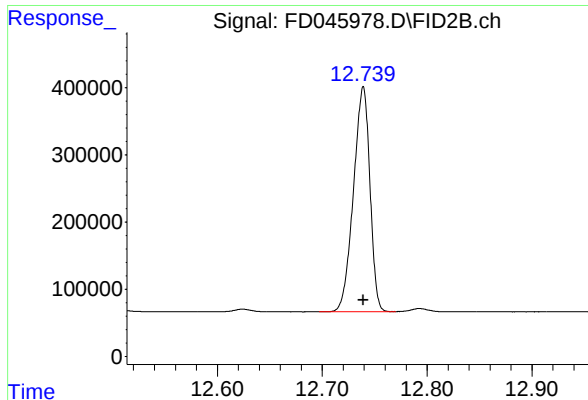
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.001 min
Response: 4793376
Conc: 18.91 ug/ml



#12 Fluoranthene (C21.85)

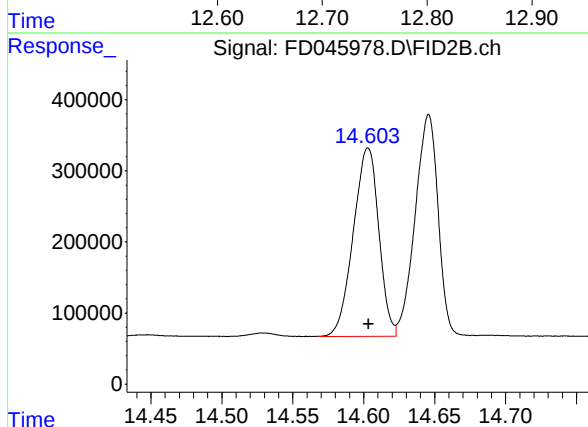
R.T.: 12.444 min
Delta R.T.: 0.000 min
Response: 3776041
Conc: 18.45 ug/ml



#13 Pyrene (C20.8)

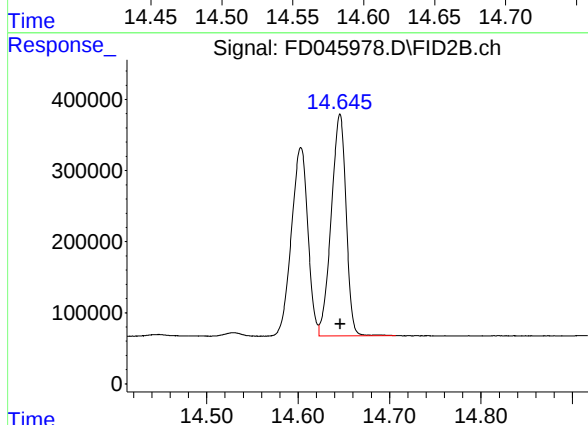
R.T.: 12.739 min
Delta R.T.: 0.000 min
Response: 3650335
Conc: 18.77 ug/ml

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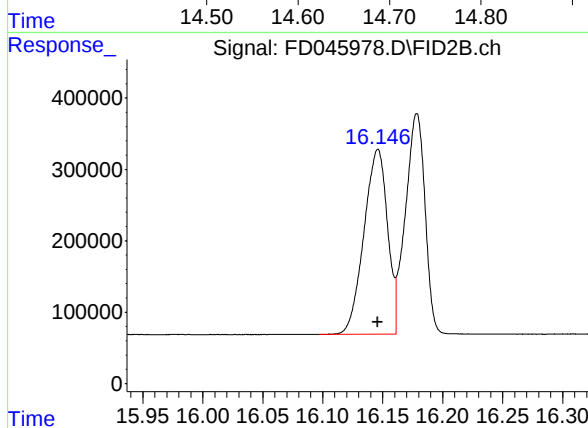
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 3317036
Conc: 18.44 ug/ml



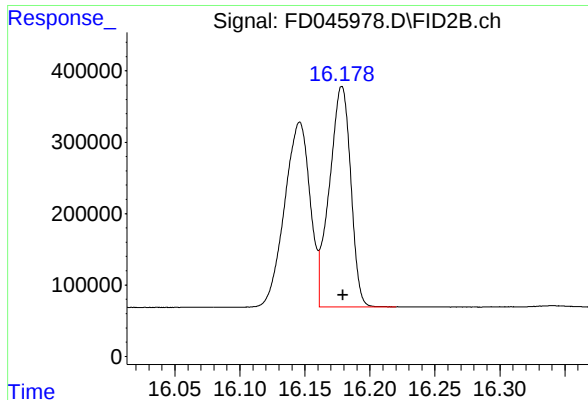
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 3527294
Conc: 17.97 ug/ml



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

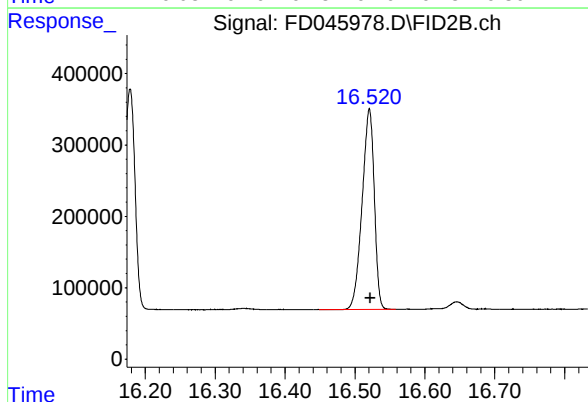
R.T.: 16.146 min
Delta R.T.: 0.000 min
Response: 3538236
Conc: 18.86 ug/ml



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

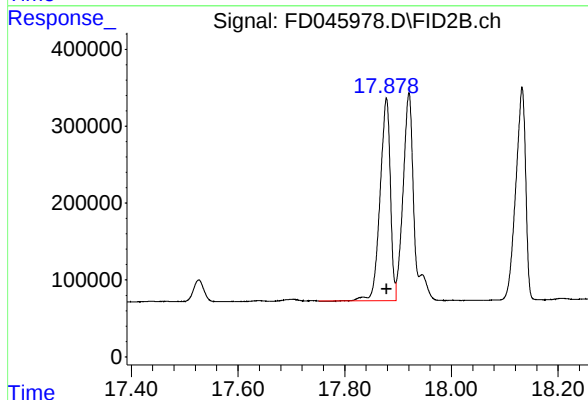
R.T.: 16.178 min
Delta R.T.: -0.001 min
Response: 3527656
Conc: 17.83 ug/ml

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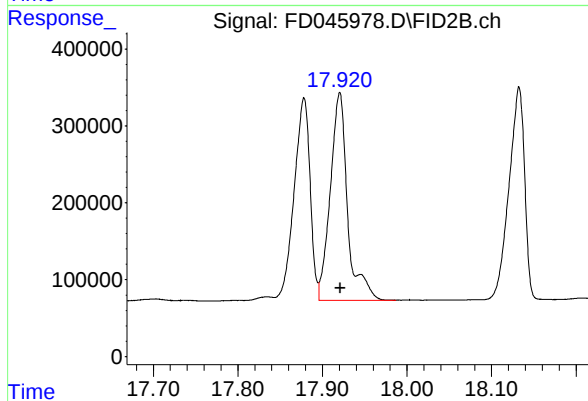
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: -0.002 min
Response: 3392184
Conc: 19.47 ug/ml



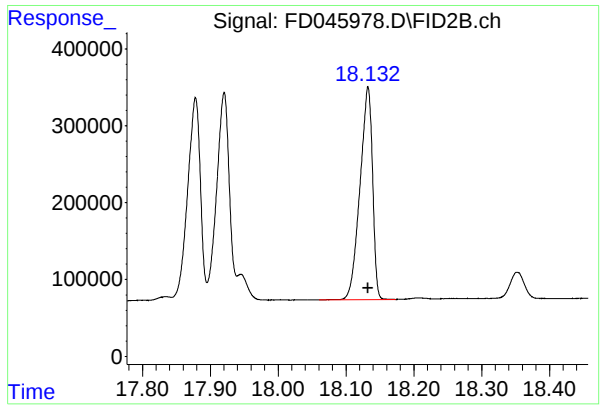
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 3521467
Conc: 18.92 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.000 min
Response: 3842372
Conc: 20.90 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 3556090
Conc: 19.03 ug/ml

Instrument :

FID_D

ClientSampleId :

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