

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044992.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 14:12
 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: Feb 09 10:05:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.555	3132048	21.356 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
6) S 2-Fluorobiphenyl (SURR)	8.411	2131389	21.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.71%
11) S ortho-Terphenyl (SURR)	11.452	3971161	21.366 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	3400657	21.304 ug/ml
2) T Naphthalene (C11.7)	5.895	3595351	21.220 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3637217	21.201 ug/ml
5) T Acenaphthylene (C15.06)	8.216	3266697	20.788 ug/ml
7) T Acenaphthene (C15.5)	8.511	3552917	21.368 ug/ml
8) T Flouorene (C16.55)	9.290	3505835	21.359 ug/ml
9) T Phenanthrene (C19.36)	10.681	3444043	21.301 ug/ml
10) T Anthracene (C19.43)	10.755	2613416	17.629 ug/ml
12) T Fluoranthene (C21.85)	12.486	3424879	21.400 ug/ml
13) T Pyrene (C20.8)	12.781	3304941	21.062 ug/ml
14) T Benzo[a]anthracene (C...	14.645	2952647	20.688 ug/ml
15) T Chrysene (C27.41)	14.688	3182452	21.494 ug/ml
16) T benzo[b]fluoranthene ...	16.189	3011950	20.762 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	3144469	22.055 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	2732961	19.558 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	2917805	21.682 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	3209924	24.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	2884669	21.216 ug/ml

(f)=RT Delta > 1/2 Window

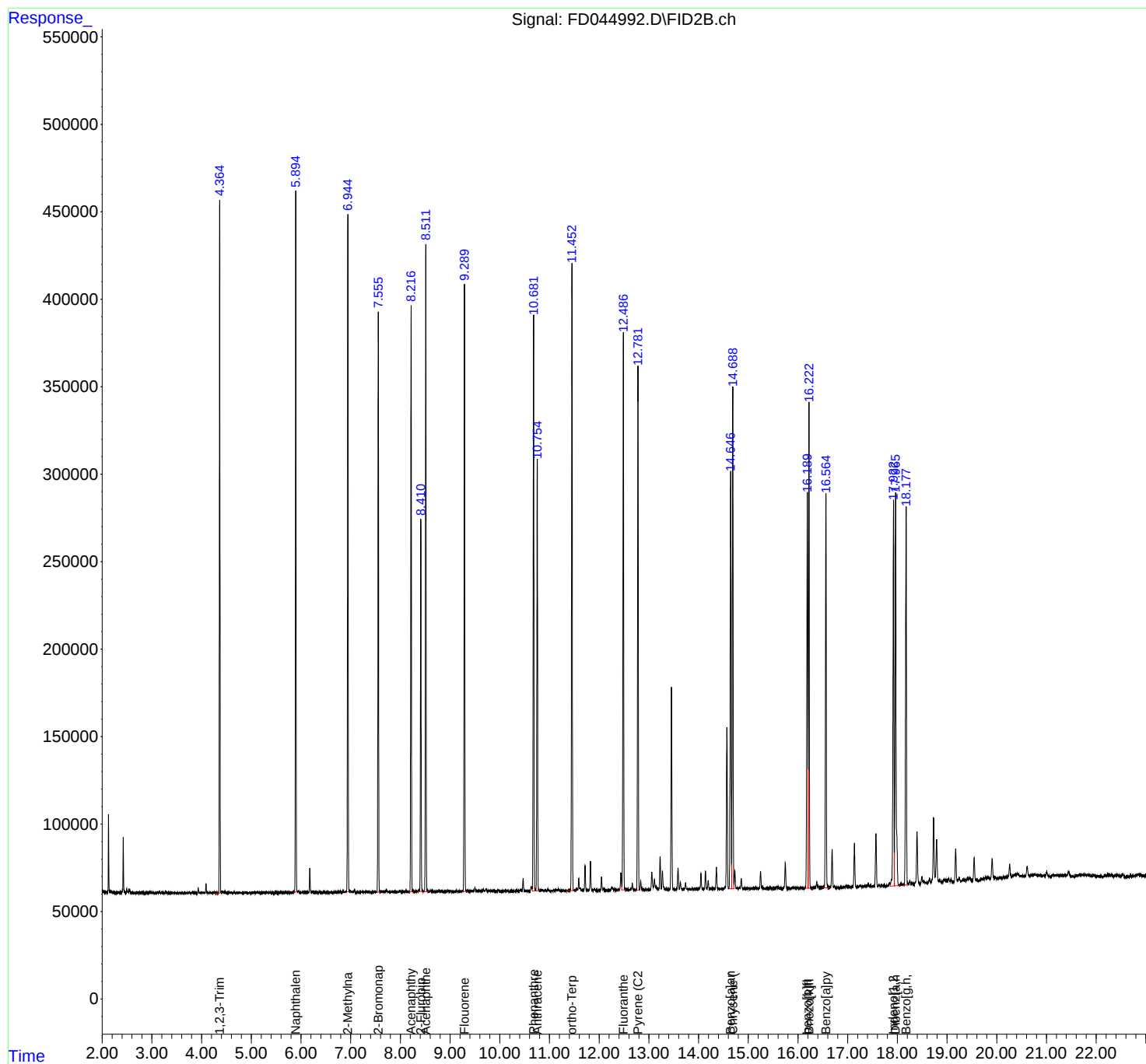
(m)=manual int.

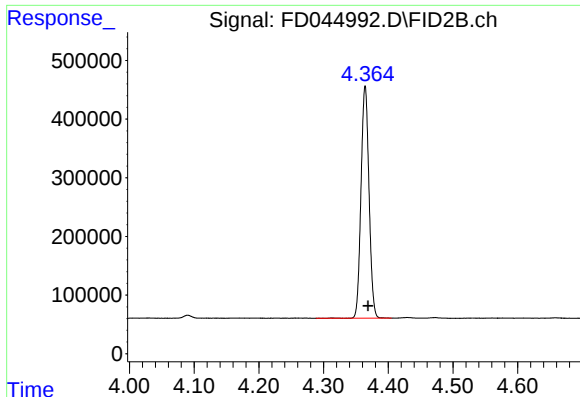
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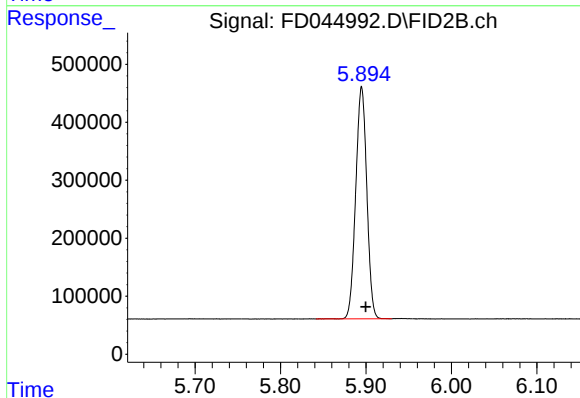




#1 1,2,3-Trimethylbenzene (C10.1)

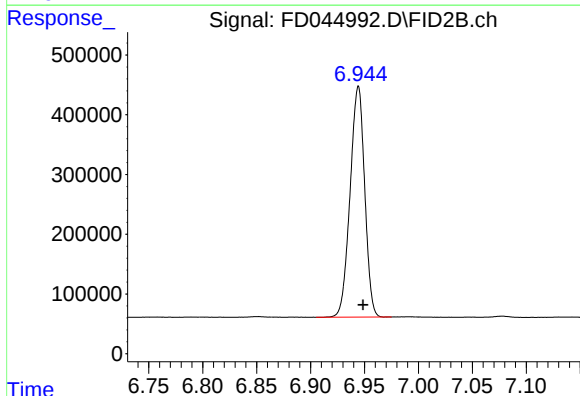
R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3400657
Conc: 21.30 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



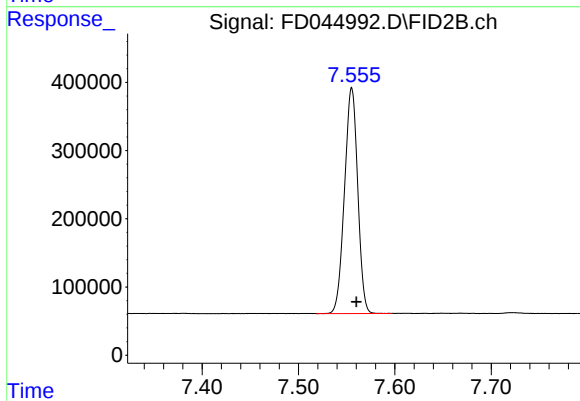
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 3595351
Conc: 21.22 ug/ml



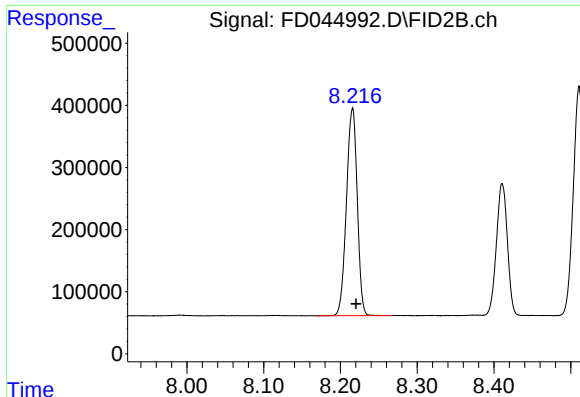
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3637217
Conc: 21.20 ug/ml



#4 2-Bromonaphthalene (SURR)

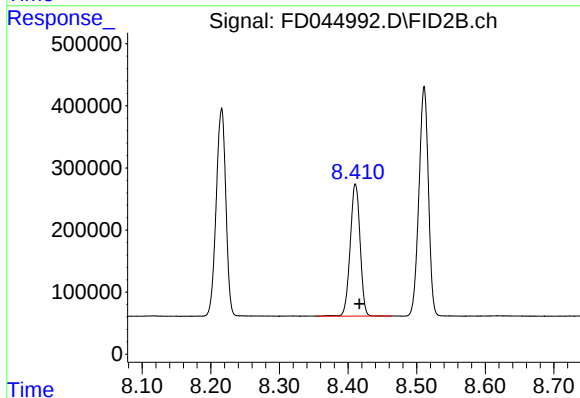
R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 3132048
Conc: 21.36 ug/ml



#5 Acenaphthylene (C15.06)

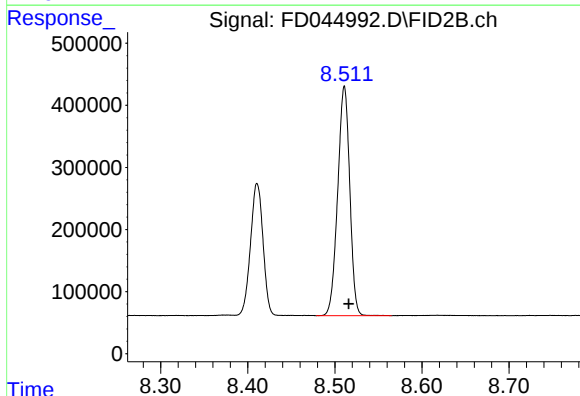
R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 3266697
Conc: 20.79 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



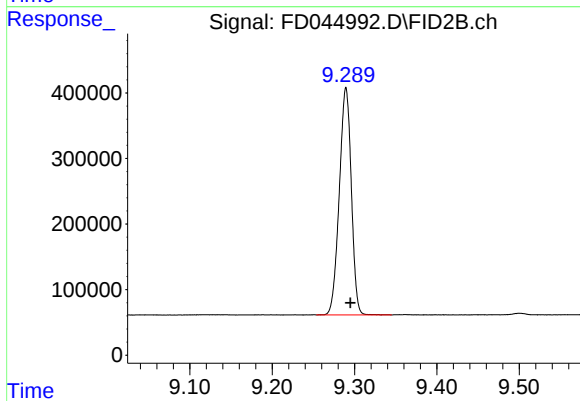
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.006 min
Response: 2131389
Conc: 21.35 ug/ml



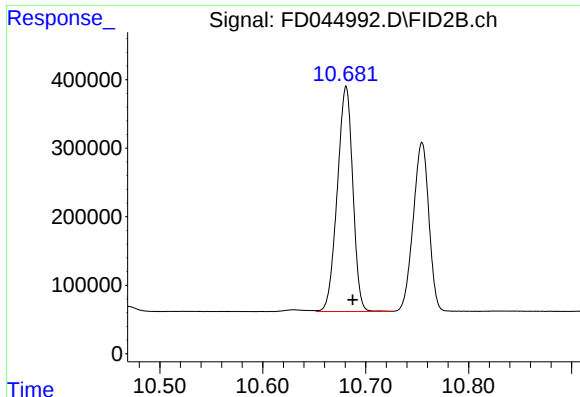
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3552917
Conc: 21.37 ug/ml



#8 Fluorene (C16.55)

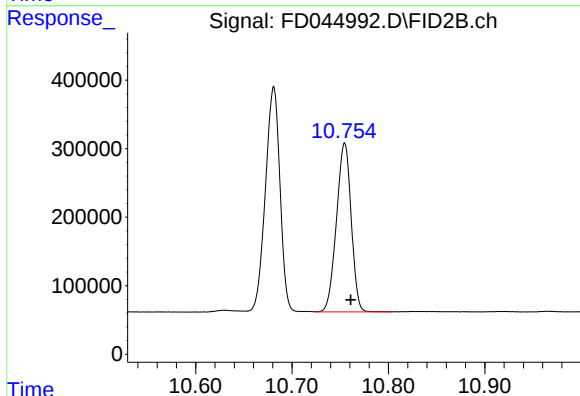
R.T.: 9.290 min
Delta R.T.: -0.006 min
Response: 3505835
Conc: 21.36 ug/ml



#9 Phenanthrene (C19.36)

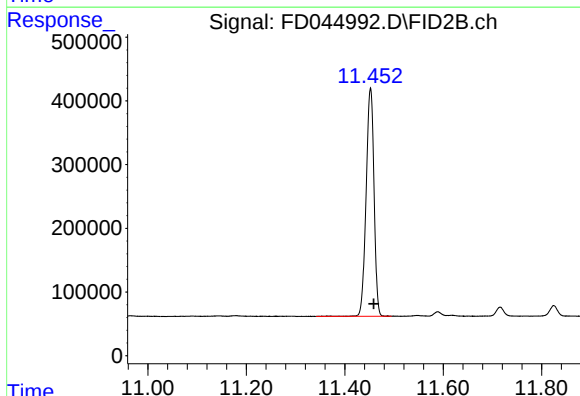
R.T.: 10.681 min
Delta R.T.: -0.006 min
Response: 3444043
Conc: 21.30 ug/ml

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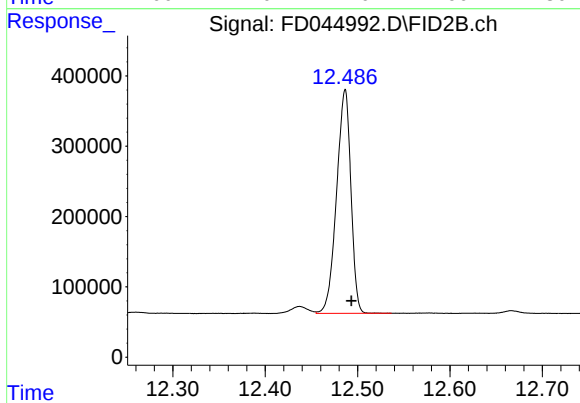
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 2613416
Conc: 17.63 ug/ml



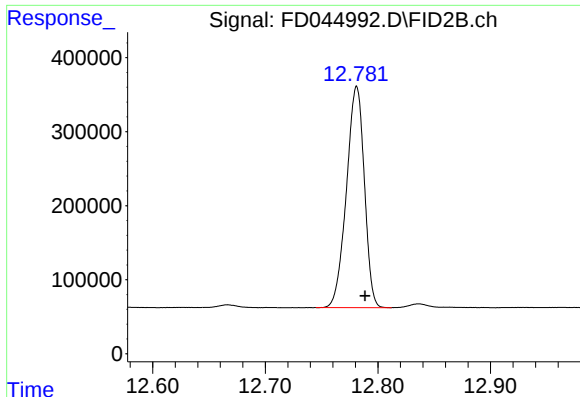
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 3971161
Conc: 21.37 ug/ml



#12 Fluoranthene (C21.85)

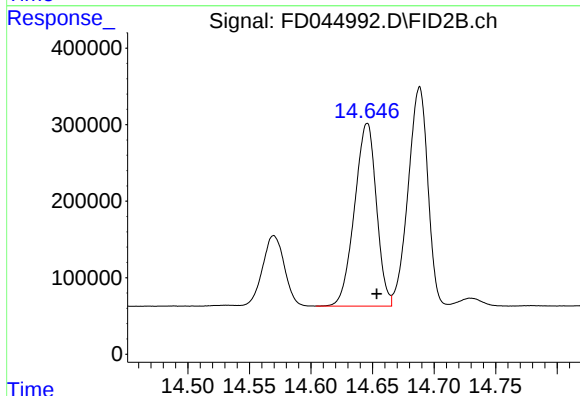
R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 3424879
Conc: 21.40 ug/ml



#13 Pyrene (C20.8)

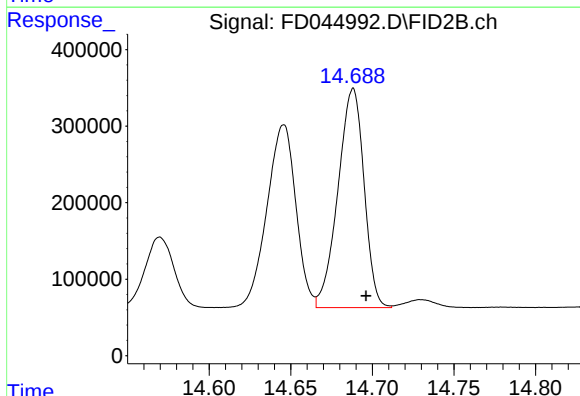
R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 3304941
Conc: 21.06 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



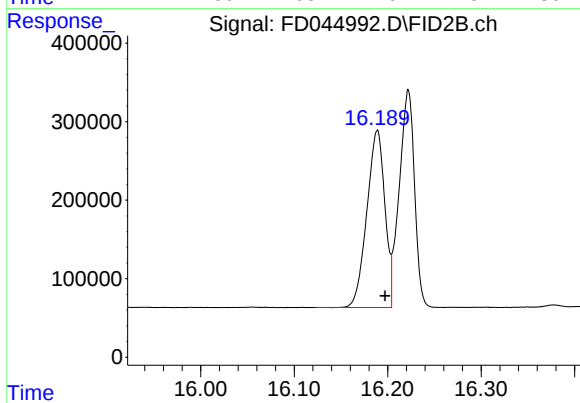
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: -0.008 min
Response: 2952647
Conc: 20.69 ug/ml



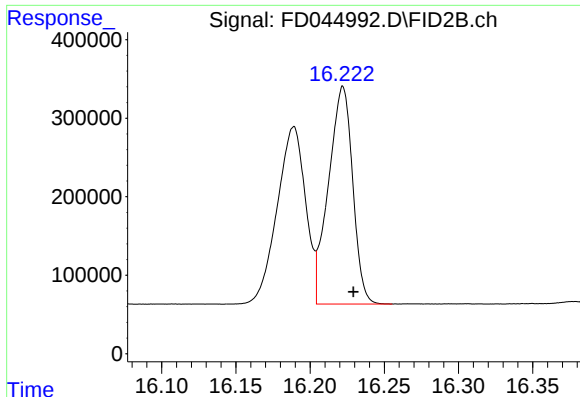
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.008 min
Response: 3182452
Conc: 21.49 ug/ml



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

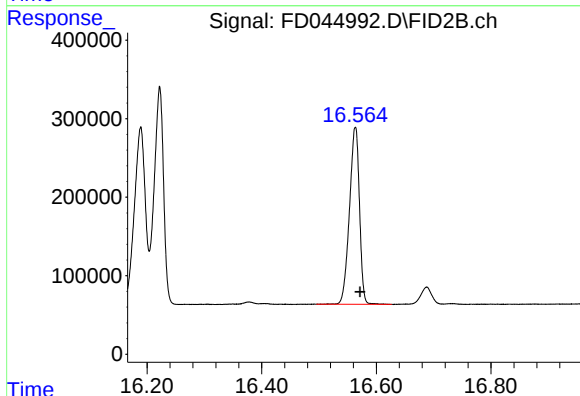
R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 3011950
Conc: 20.76 ug/ml



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

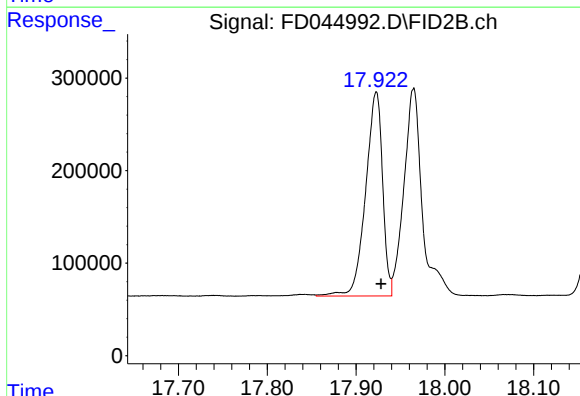
R.T.: 16.222 min
Delta R.T.: -0.007 min
Response: 3144469
Conc: 22.06 ug/ml

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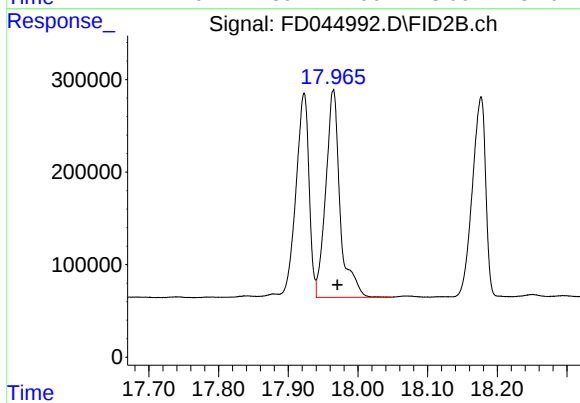
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: -0.009 min
Response: 2732961
Conc: 19.56 ug/ml



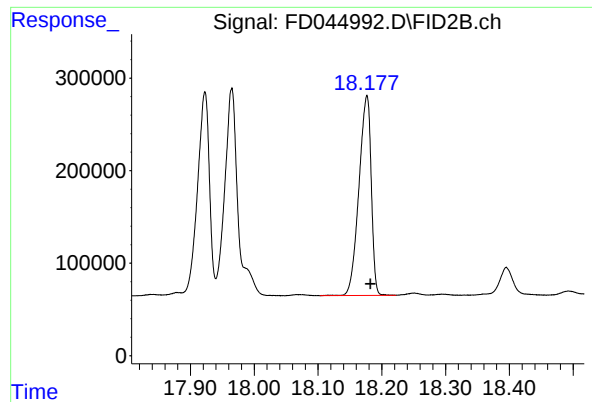
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: -0.006 min
Response: 2917805
Conc: 21.68 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.006 min
Response: 3209924
Conc: 24.22 ug/ml



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

R.T.: 18.176 min
Delta R.T.: -0.006 min
Response: 2884669
Conc: 21.22 ug/ml

Instrument :

FID_D

ClientSampleId :

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