

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048855.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 16:54
 Operator : YP/AJ
 Sample : PB165500BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165500BS

Integration File: autoint1.e
 Quant Time: Dec 10 06:17:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.364	8489684	48.221 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
6) S 2-Fluorobiphenyl (SURR)	8.214	4844670	42.065 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.13%
11) S ortho-Terphenyl (SURR)	11.250	8000527	41.597 ug/ml
Spiked Amount 50.000		Recovery =	83.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5299028	28.117 ug/ml
2) T Naphthalene (C11.7)	5.704	6698098	34.249 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	6823180	35.704 ug/ml
5) T Acenaphthylene (C15.06)	8.017	7680982	39.608 ug/ml
7) T Acenaphthene (C15.5)	8.312	8170975	42.481 ug/ml
8) T Fluorene (C16.55)	9.091	8369795	43.626 ug/ml
9) T Phenanthrene (C19.36)	10.478	8253349	45.026 ug/ml
10) T Anthracene (C19.43)	10.555	8379610	44.746 ug/ml
12) T Fluoranthene (C21.85)	12.284	8310430	45.382 ug/ml
13) T Pyrene (C20.8)	12.578	8668971	47.950 ug/ml
14) T Benzo[a]anthracene (C...	14.447	7361037	44.747 ug/ml
15) T Chrysene (C27.41)	14.490	7493470	42.817 ug/ml
16) T benzo[b]fluoranthene ...	15.995	7143370	45.465 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	7187142	44.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	6850185	45.944 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	6822662	55.231 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	6888995	43.931 ug/ml
21) T Benzo[g,h,i]perylene ...	17.989	6528446	45.754 ug/ml

(f)=RT Delta > 1/2 Window

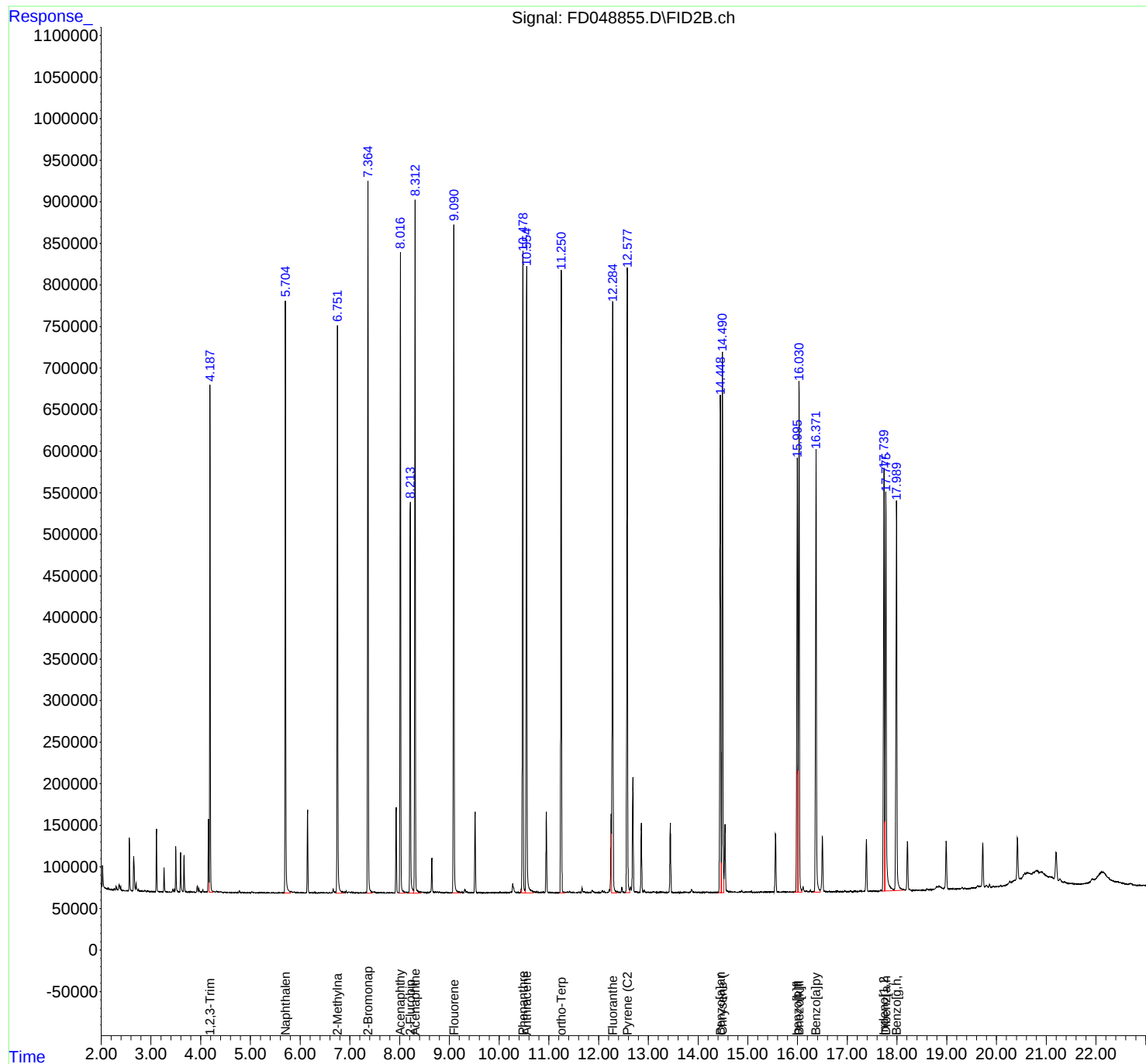
(m)=manual int.

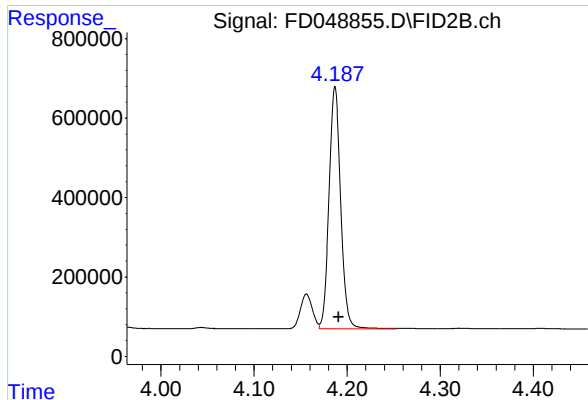
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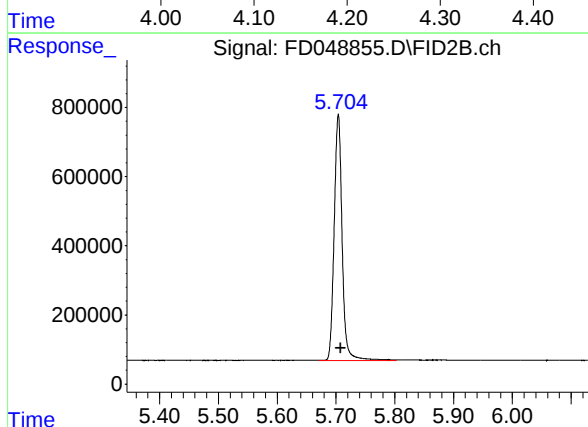




#1 1,2,3-Trimethylbenzene (C10.1)

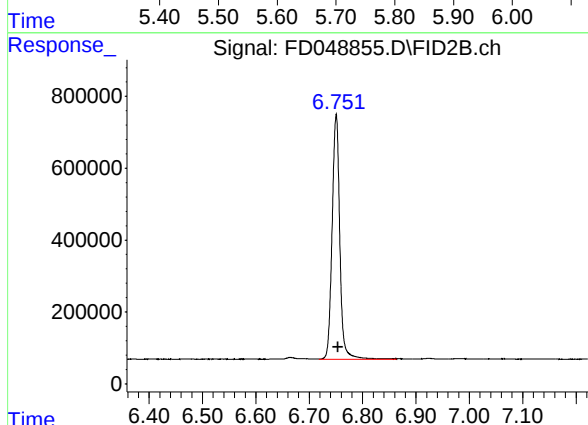
R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 5299028
Conc: 28.12 ug/ml

Instrument :
FID_D
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PB165500BS



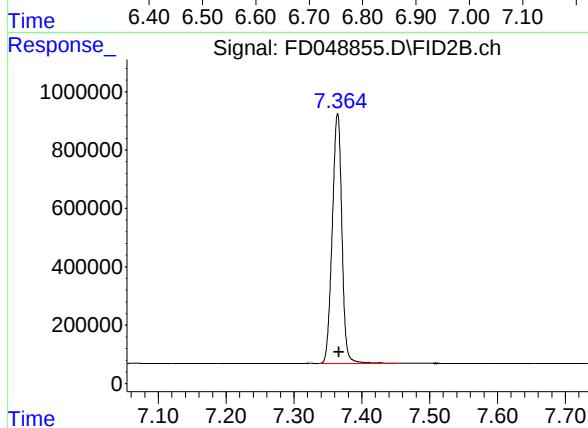
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 6698098
Conc: 34.25 ug/ml



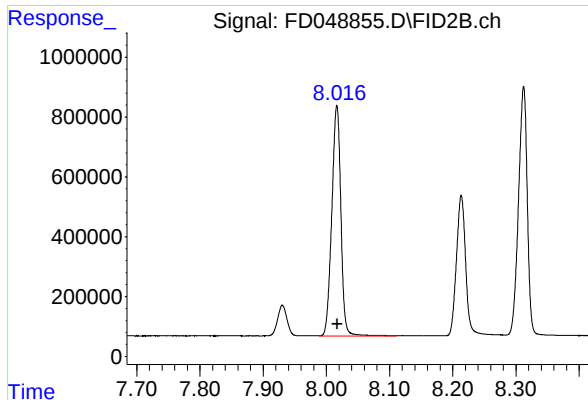
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 6823180
Conc: 35.70 ug/ml



#4 2-Bromonaphthalene (SURR)

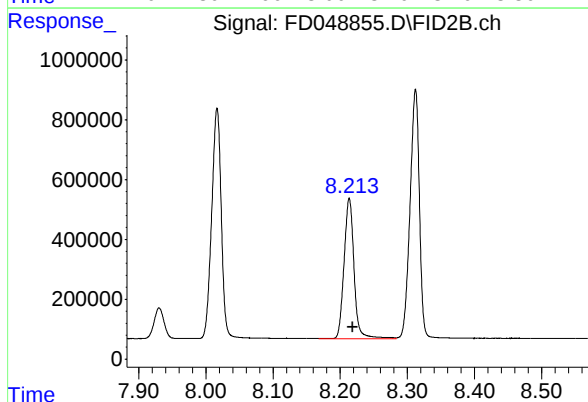
R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 8489684
Conc: 48.22 ug/ml



#5 Acenaphthylene (C15.06)

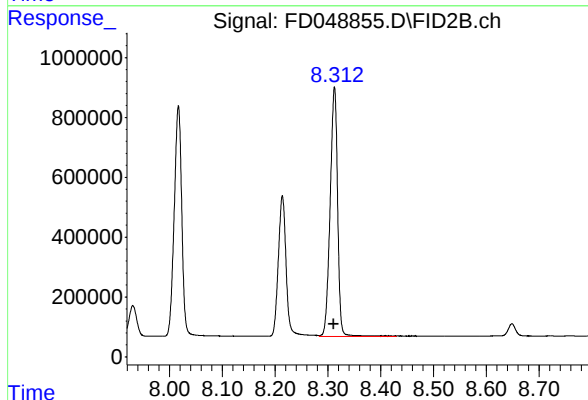
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 7680982
Conc: 39.61 ug/ml

Instrument :
FID_D
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PB165500BS



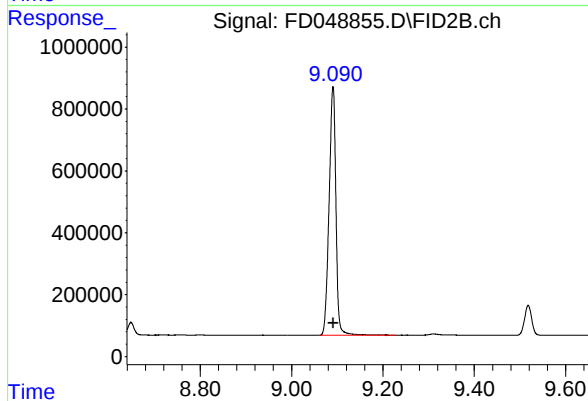
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 4844670
Conc: 42.07 ug/ml



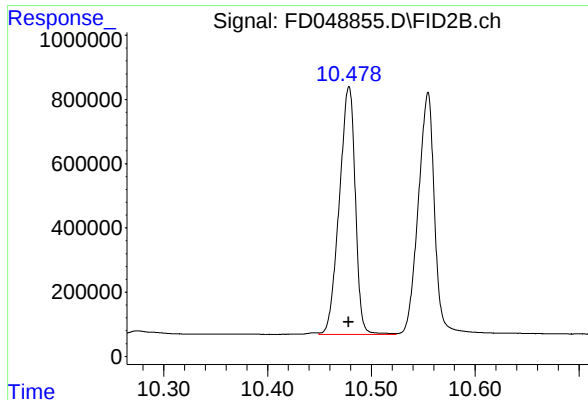
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: 0.001 min
Response: 8170975
Conc: 42.48 ug/ml



#8 Flouorene (C16.55)

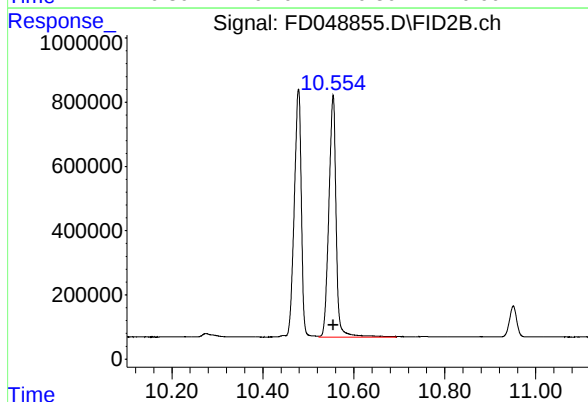
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 8369795
Conc: 43.63 ug/ml



#9 Phenanthrene (C19.36)

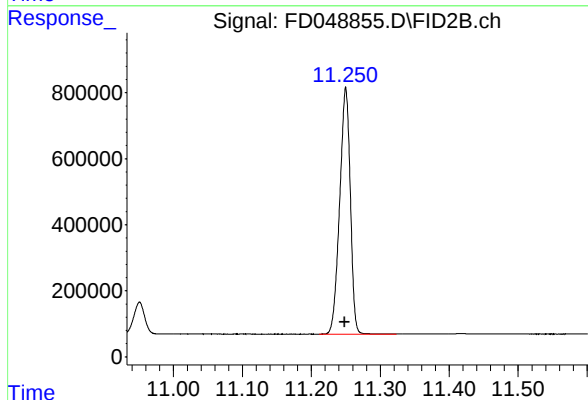
R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 8253349
Conc: 45.03 ug/ml

Instrument :
FID_D
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PB165500BS



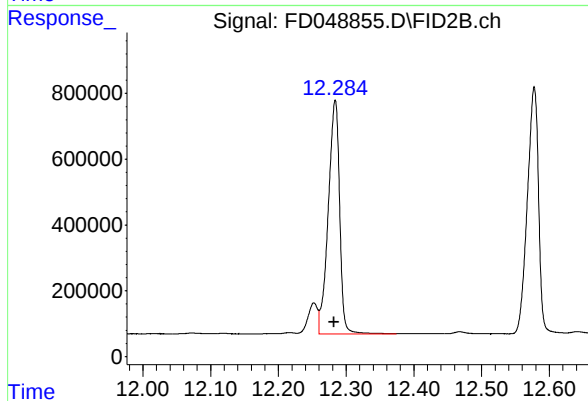
#10 Anthracene (C19.43)

R.T.: 10.555 min
Delta R.T.: 0.000 min
Response: 8379610
Conc: 44.75 ug/ml



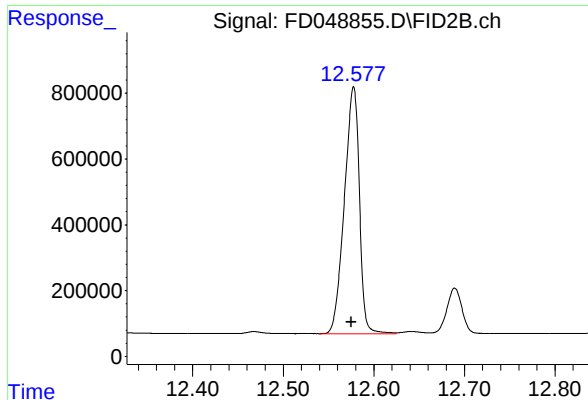
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.001 min
Response: 8000527
Conc: 41.60 ug/ml



#12 Fluoranthene (C21.85)

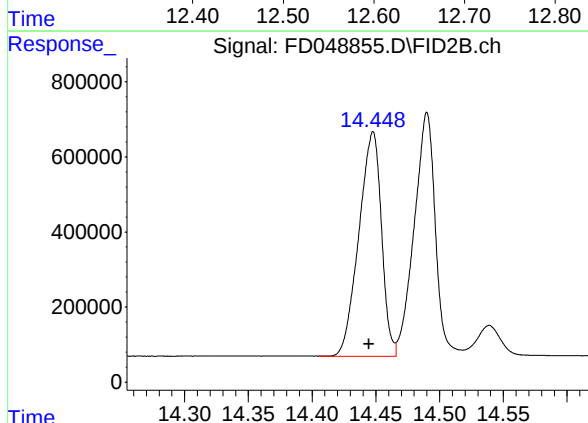
R.T.: 12.284 min
Delta R.T.: 0.001 min
Response: 8310430
Conc: 45.38 ug/ml



#13 Pyrene (C20.8)

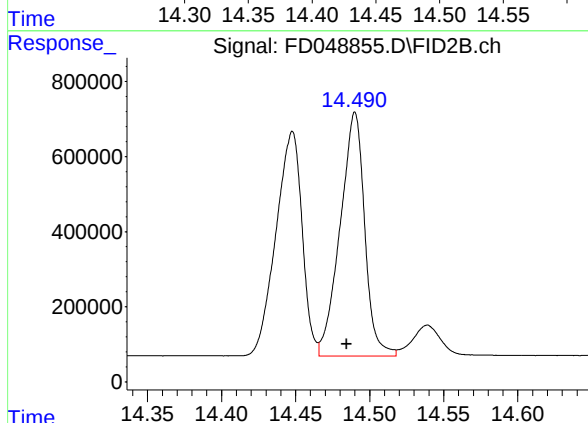
R.T.: 12.578 min
Delta R.T.: 0.002 min
Response: 8668971
Conc: 47.95 ug/ml

Instrument :
FID_D
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PB165500BS



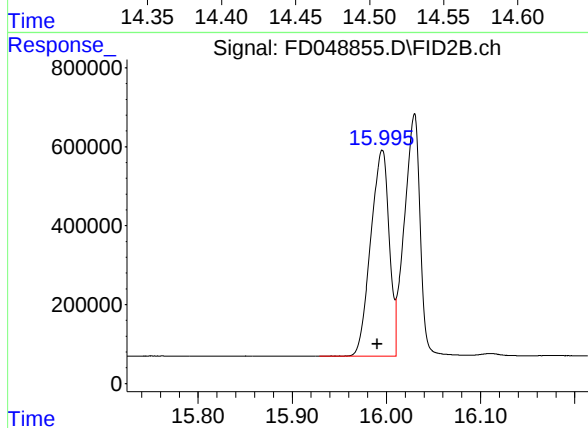
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.003 min
Response: 7361037
Conc: 44.75 ug/ml



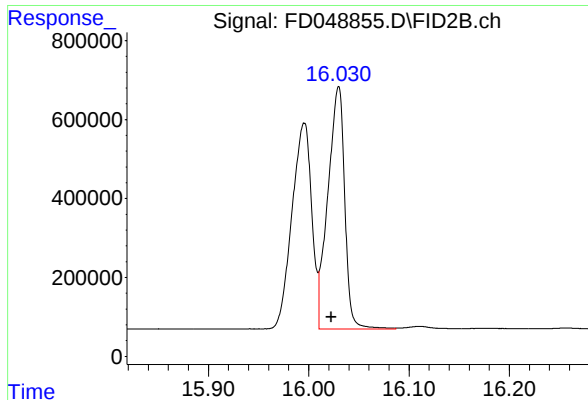
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.005 min
Response: 7493470
Conc: 42.82 ug/ml



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

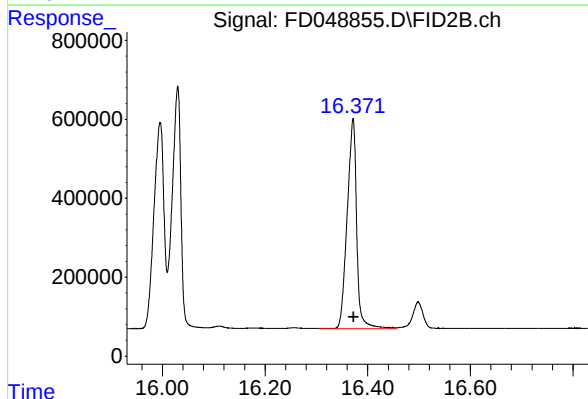
R.T.: 15.995 min
Delta R.T.: 0.005 min
Response: 7143370
Conc: 45.46 ug/ml



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

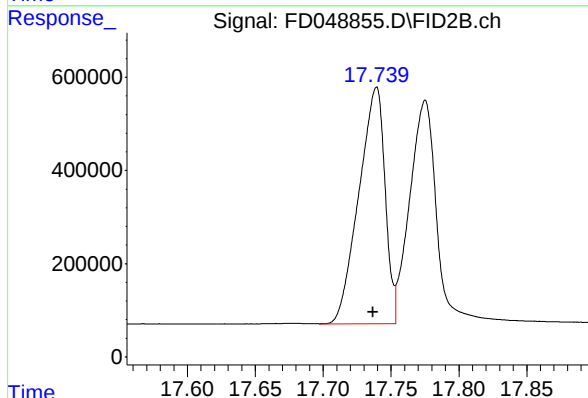
R.T.: 16.029 min
Delta R.T.: 0.007 min
Response: 7187142
Conc: 44.04 ug/ml

Instrument :
FID_D
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PB165500BS



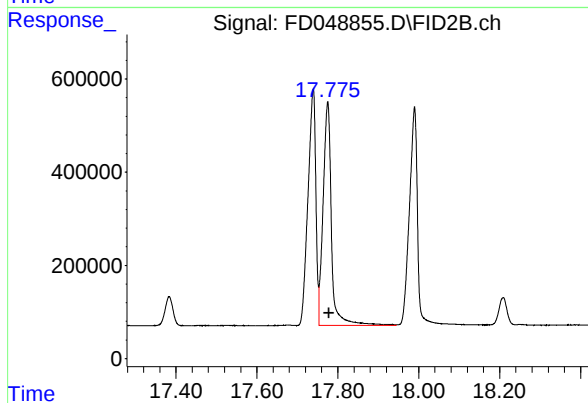
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.002 min
Response: 6850185
Conc: 45.94 ug/ml



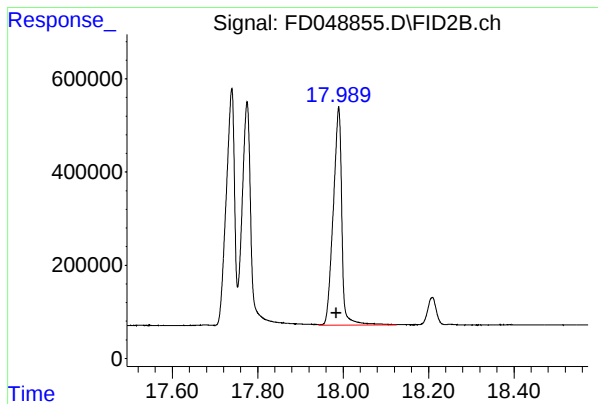
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: 0.002 min
Response: 6822662
Conc: 55.23 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.004 min
Response: 6888995
Conc: 43.93 ug/ml



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

R.T.: 17.989 min
Delta R.T.: 0.005 min
Response: 6528446
Conc: 45.75 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165500BS