

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031323AR\
 Data File : FD045279.D
 Signal(s) : FID2B.ch
 Acq On : 13 Mar 2023 12:35
 Operator : YP/AJ
 Sample : PB151345BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151345BS

Integration File: autoint1.e
 Quant Time: Mar 14 03:59:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	6013233	44.310 ug/ml
Spiked Amount 50.000		Recovery =	88.62%
6) S 2-Fluorobiphenyl (SURR)	8.408	3818228	42.645 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.29%
11) S ortho-Terphenyl (SURR)	11.449	6175310	37.099 ug/ml
Spiked Amount 50.000		Recovery =	74.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	4665682	30.807 ug/ml
2) T Naphthalene (C11.7)	5.889	5242061	33.182 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5160087	32.470 ug/ml
5) T Acenaphthylene (C15.06)	8.212	5434824	37.903 ug/ml
7) T Acenaphthene (C15.5)	8.508	5461925	36.036 ug/ml
8) T Flouorene (C16.55)	9.286	5534060	37.588 ug/ml
9) T Phenanthrene (C19.36)	10.678	5717123	40.043 ug/ml
10) T Anthracene (C19.43)	10.753	5547894	39.591 ug/ml
12) T Fluoranthene (C21.85)	12.484	5824532	41.696 ug/ml
13) T Pyrene (C20.8)	12.780	5769881	42.370 ug/ml
14) T Benzo[a]anthracene (C...	14.645	5370954	42.134 ug/ml
15) T Chrysene (C27.41)	14.689	5389492	41.353 ug/ml
16) T benzo[b]fluoranthene ...	16.190	5445696	42.241 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	5143285	40.745 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	4804181	38.171 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	5141118	42.975 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	4787114	39.687 ug/ml
21) T Benzo[g,h,i]perylene ...	18.180	5073888	40.779 ug/ml

(f)=RT Delta > 1/2 Window

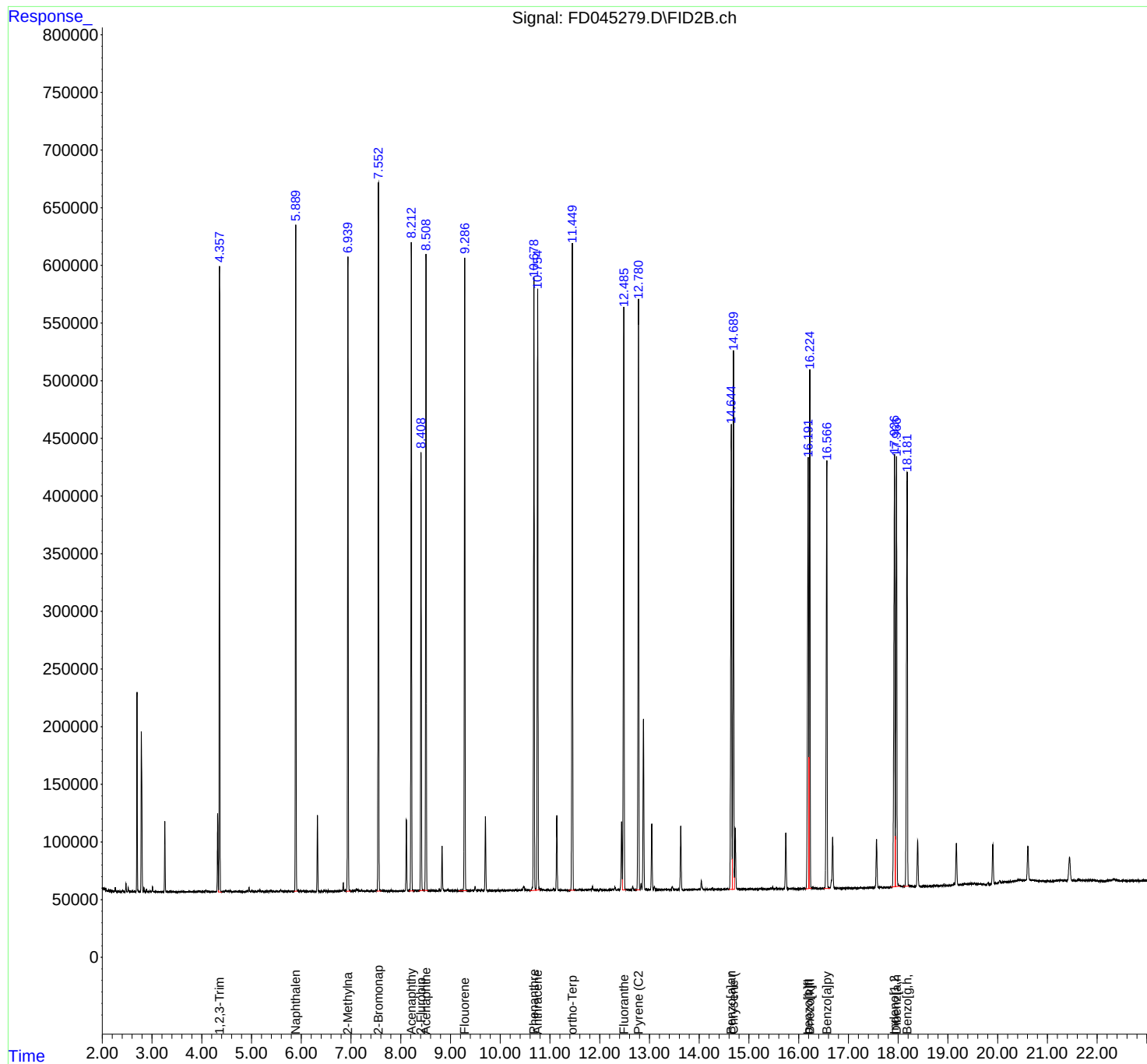
(m)=manual int.

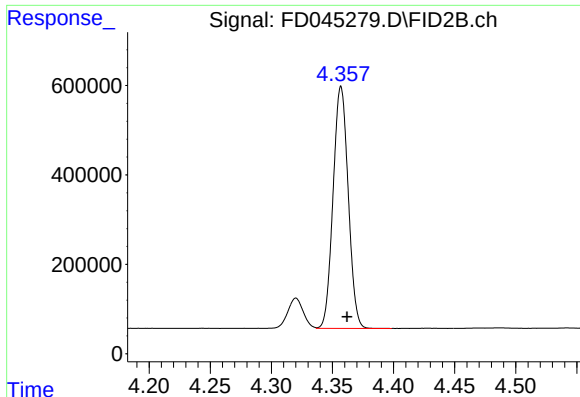
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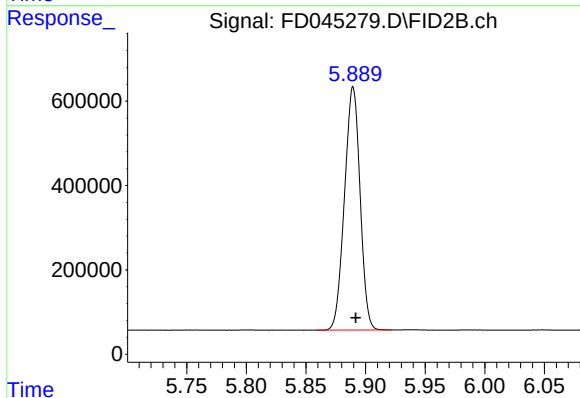




#1 1,2,3-Trimethylbenzene (C10.1)

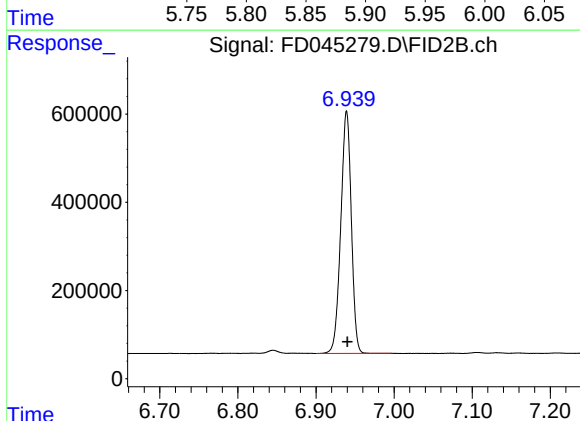
R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 4665682
Conc: 30.81 ug/ml

Instrument :
FID_D
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PB151345BS



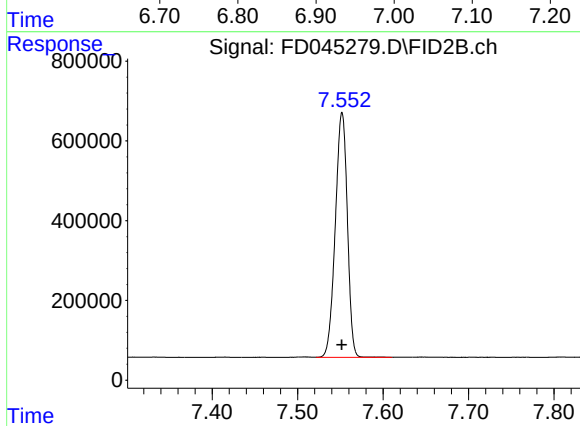
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 5242061
Conc: 33.18 ug/ml



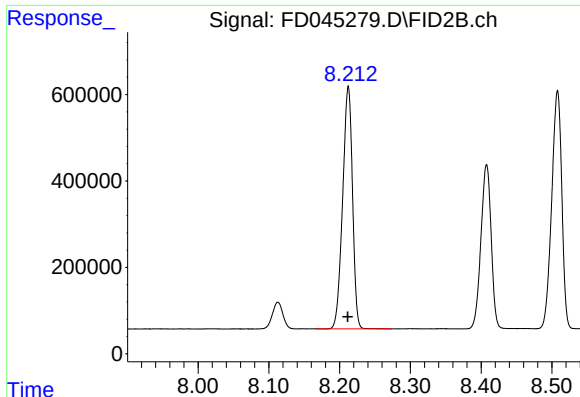
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 5160087
Conc: 32.47 ug/ml



#4 2-Bromonaphthalene (SURR)

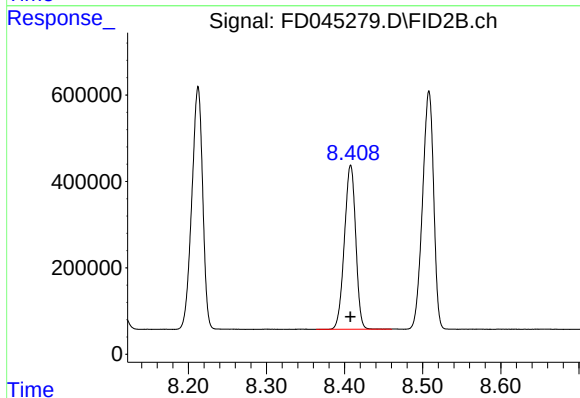
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 6013233
Conc: 44.31 ug/ml



#5 Acenaphthylene (C15.06)

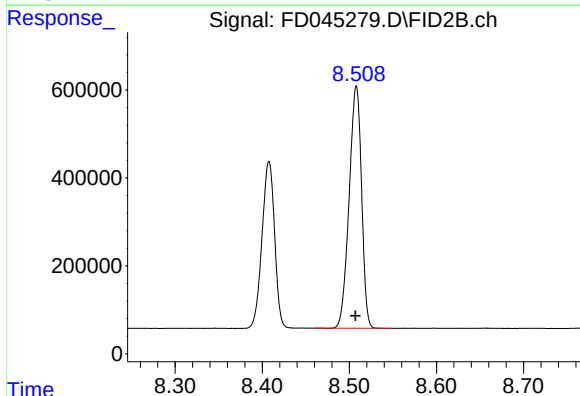
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 5434824
Conc: 37.90 ug/ml

Instrument :
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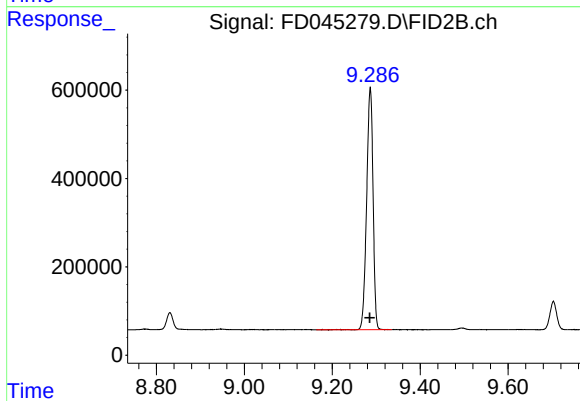
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3818228
Conc: 42.65 ug/ml



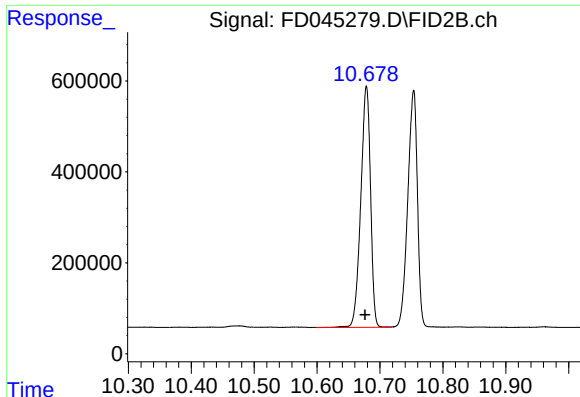
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 5461925
Conc: 36.04 ug/ml



#8 Fluorene (C16.55)

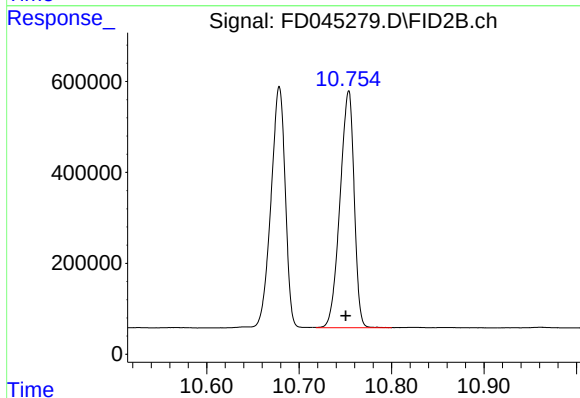
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 5534060
Conc: 37.59 ug/ml



#9 Phenanthrene (C19.36)

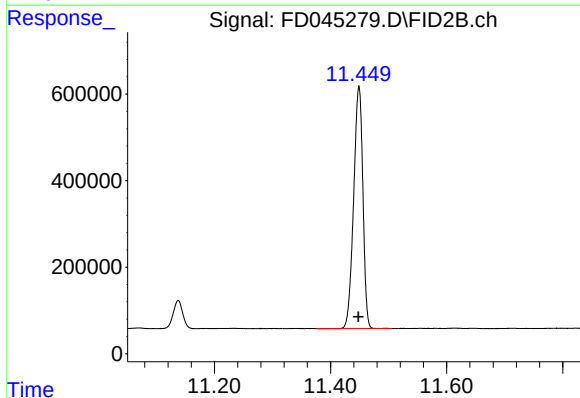
R.T.: 10.678 min
Delta R.T.: 0.002 min
Response: 5717123
Conc: 40.04 ug/ml

Instrument :
FID_D
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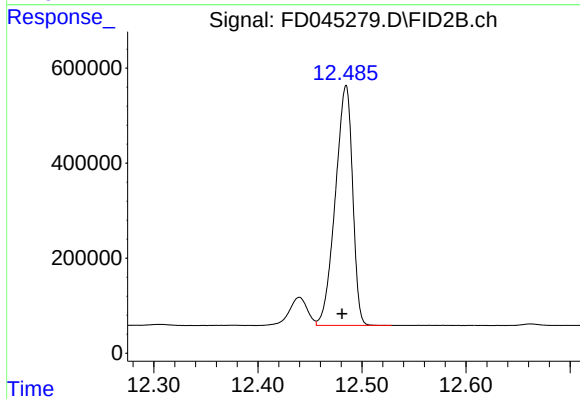
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.003 min
Response: 5547894
Conc: 39.59 ug/ml



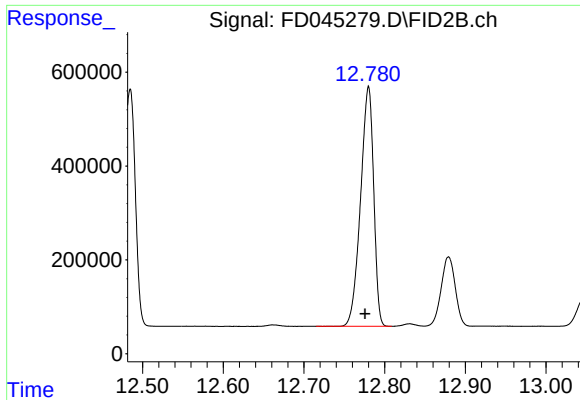
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.000 min
Response: 6175310
Conc: 37.10 ug/ml



#12 Fluoranthene (C21.85)

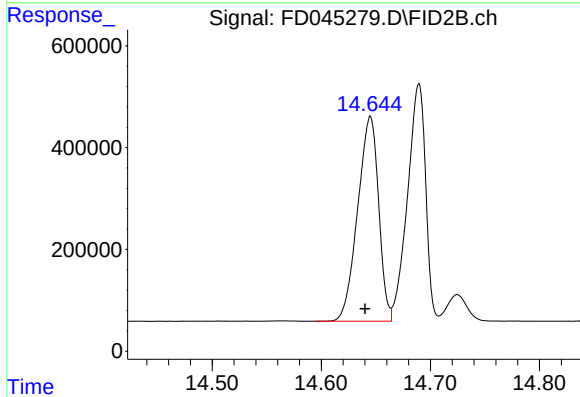
R.T.: 12.484 min
Delta R.T.: 0.003 min
Response: 5824532
Conc: 41.70 ug/ml



#13 Pyrene (C20.8)

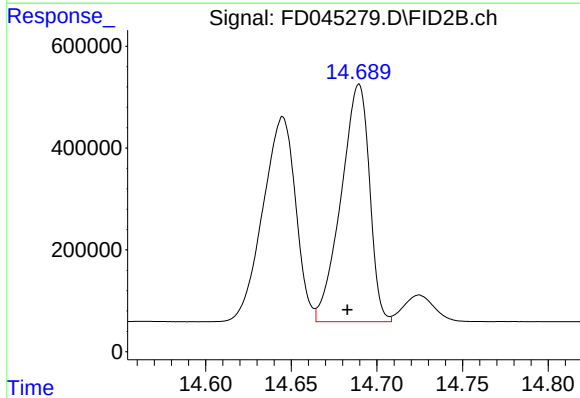
R.T.: 12.780 min
Delta R.T.: 0.004 min
Response: 5769881
Conc: 42.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151345BS



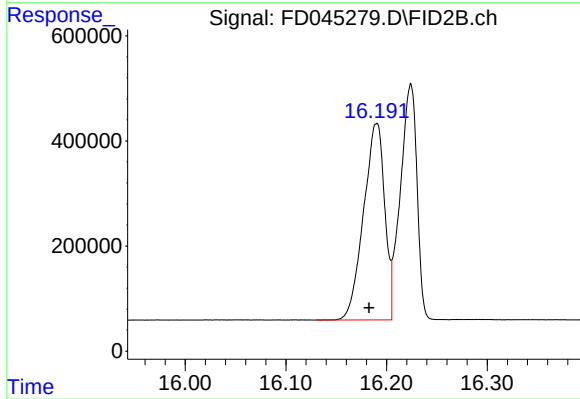
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: 0.005 min
Response: 5370954
Conc: 42.13 ug/ml



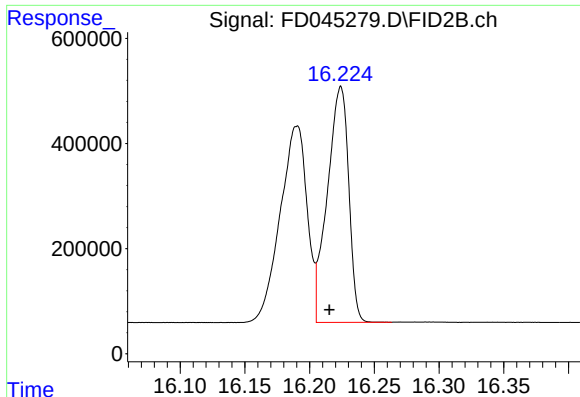
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: 0.006 min
Response: 5389492
Conc: 41.35 ug/ml



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

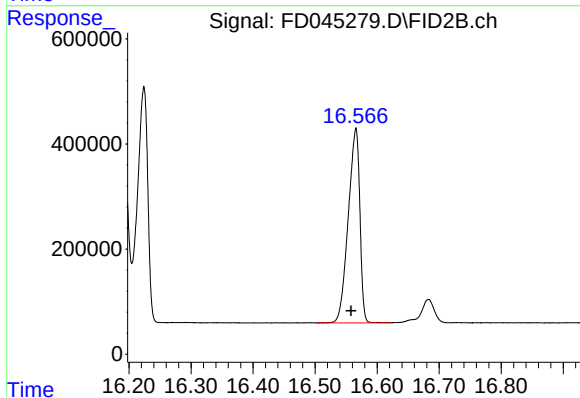
R.T.: 16.190 min
Delta R.T.: 0.007 min
Response: 5445696
Conc: 42.24 ug/ml



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

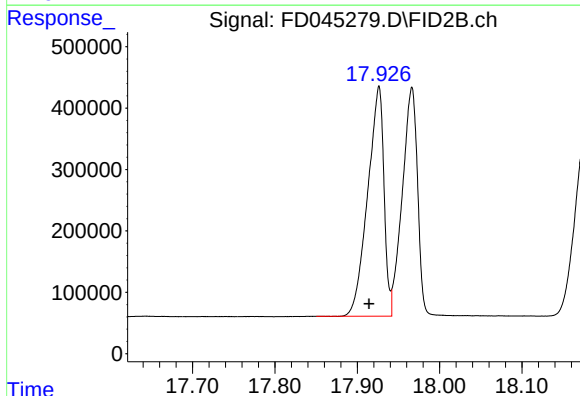
R.T.: 16.224 min
Delta R.T.: 0.008 min
Response: 5143285
Conc: 40.74 ug/ml

Instrument :
FID_D
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PB151345BS



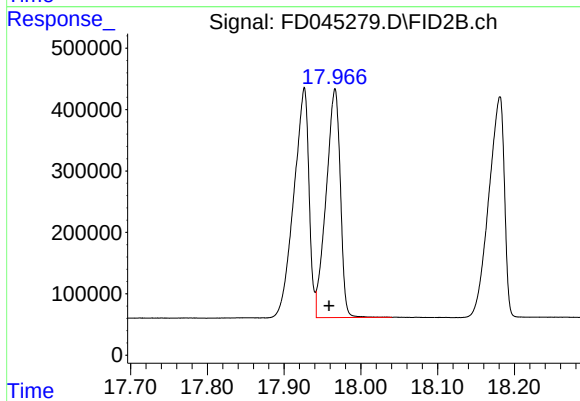
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: 0.007 min
Response: 4804181
Conc: 38.17 ug/ml



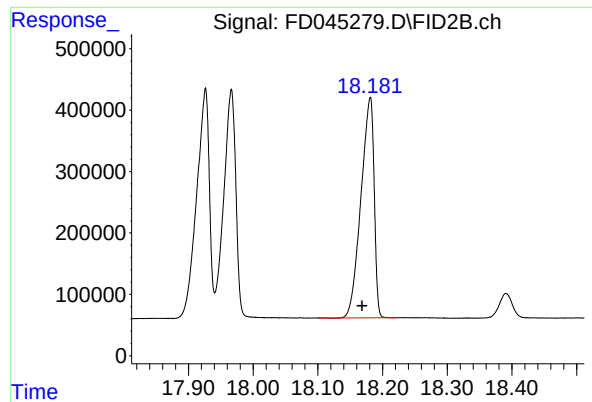
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: 0.011 min
Response: 5141118
Conc: 42.98 ug/ml



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

R.T.: 17.966 min
Delta R.T.: 0.008 min
Response: 4787114
Conc: 39.69 ug/ml



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

R.T.: 18.180 min
Delta R.T.: 0.012 min
Response: 5073888
Conc: 40.78 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151345BS