

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046579.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 16:51
 Operator : YP/AJ
 Sample : PB155838BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155838BS

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.492	8734209	49.563 ug/ml
Spiked Amount 50.000		Recovery =	99.13%
6) S 2-Fluorobiphenyl (SURR)	8.346	5800304	50.063 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.13%
11) S ortho-Terphenyl (SURR)	11.384	9998873	49.079 ug/ml
Spiked Amount 50.000		Recovery =	98.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	6532930	35.371 ug/ml
2) T Naphthalene (C11.7)	5.830	7388870	38.238 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	7519899	38.805 ug/ml
5) T Acenaphthylene (C15.06)	8.149	7918226	44.907 ug/ml
7) T Acenaphthene (C15.5)	8.445	7788093	41.449 ug/ml
8) T Fluorene (C16.55)	9.223	8076004	44.770 ug/ml
9) T Phenanthrene (C19.36)	10.613	8296830	47.188 ug/ml
10) T Anthracene (C19.43)	10.688	8165051	53.160 ug/ml
12) T Fluoranthene (C21.85)	12.417	8569119	50.276 ug/ml
13) T Pyrene (C20.8)	12.712	8616976	52.527 ug/ml
14) T Benzo[a]anthracene (C...	14.575	7870552	56.366 ug/ml
15) T Chrysene (C27.41)	14.620	7925328	52.208 ug/ml
16) T benzo[b]fluoranthene ...	16.117	7448411	54.302 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	7468174	53.912 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	7061031	52.781 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	6855547	54.692 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	6515203	48.961 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	6555789	49.713 ug/ml

(f)=RT Delta > 1/2 Window

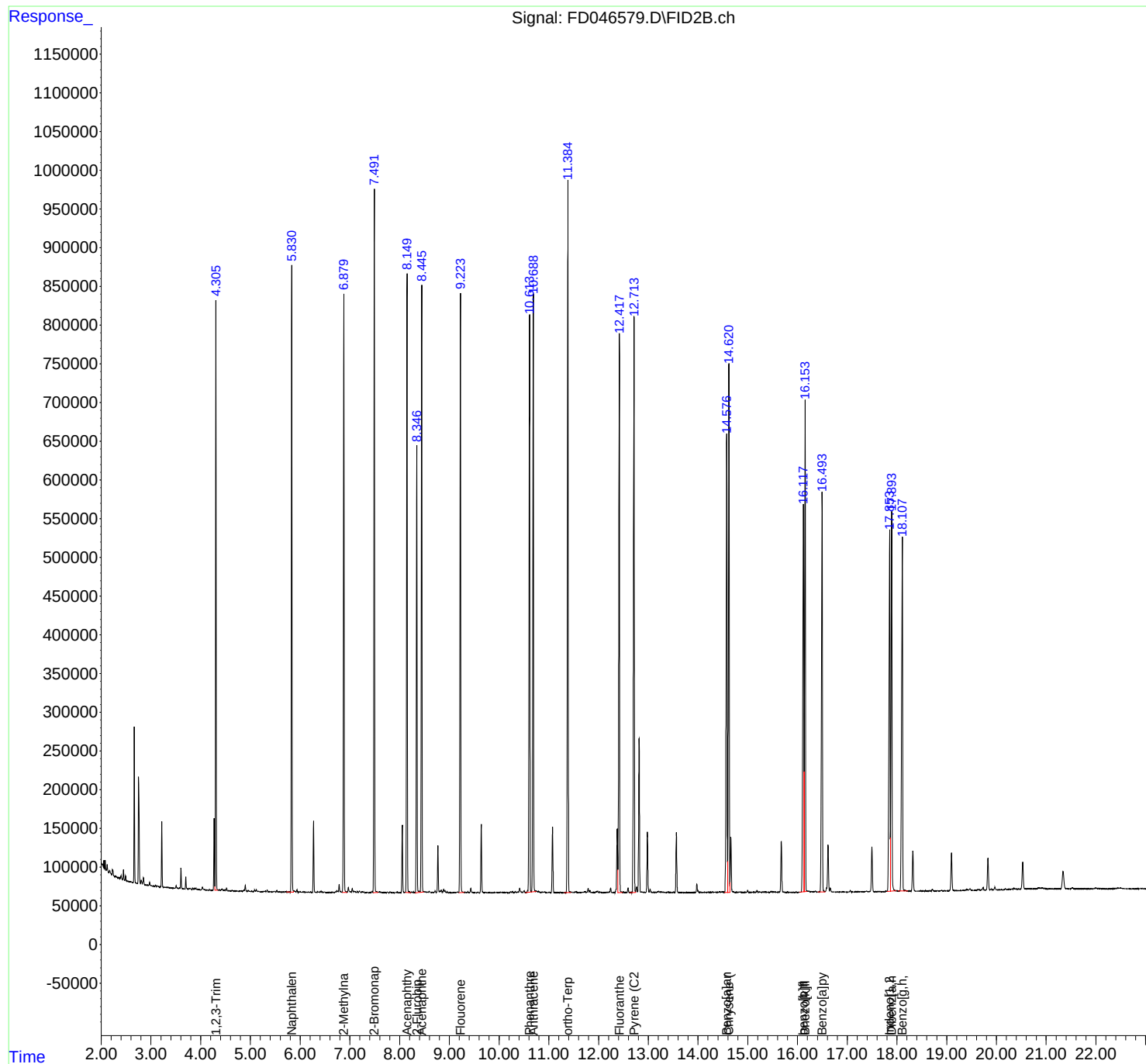
(m)=manual int.

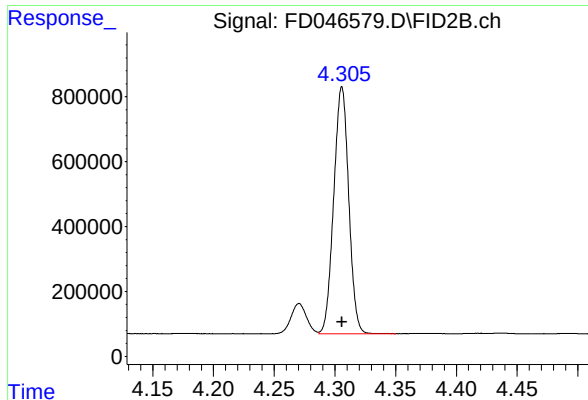
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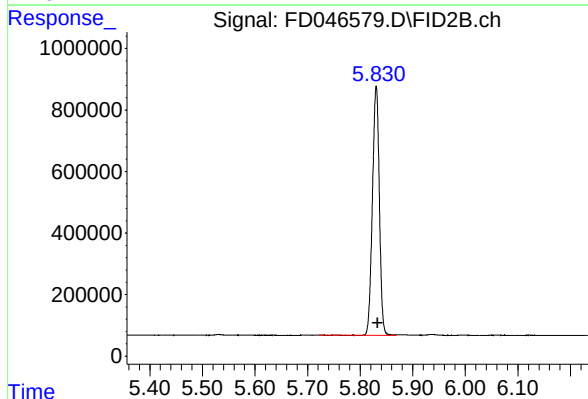




#1 1,2,3-Trimethylbenzene (C10.1)

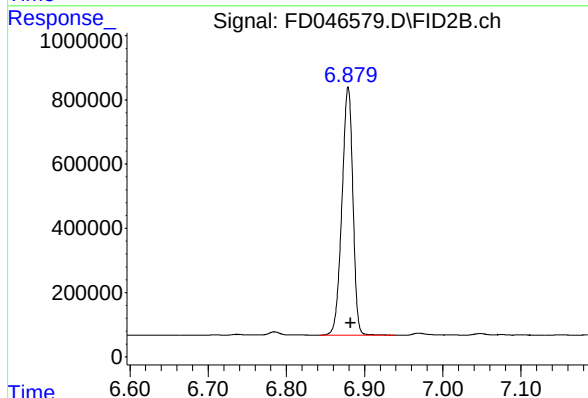
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 6532930
Conc: 35.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BS



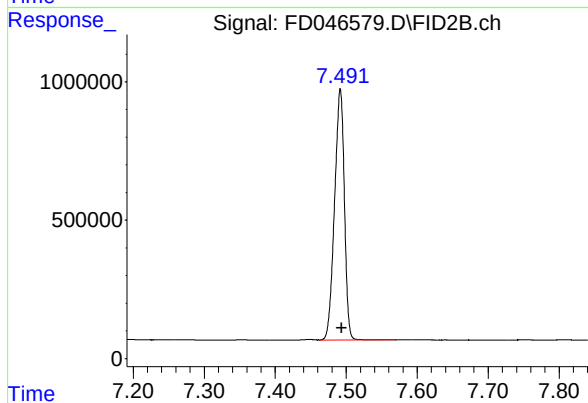
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 7388870
Conc: 38.24 ug/ml



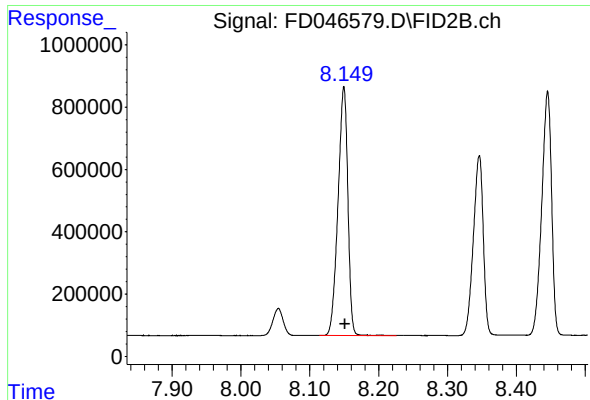
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 7519899
Conc: 38.80 ug/ml



#4 2-Bromonaphthalene (SURR)

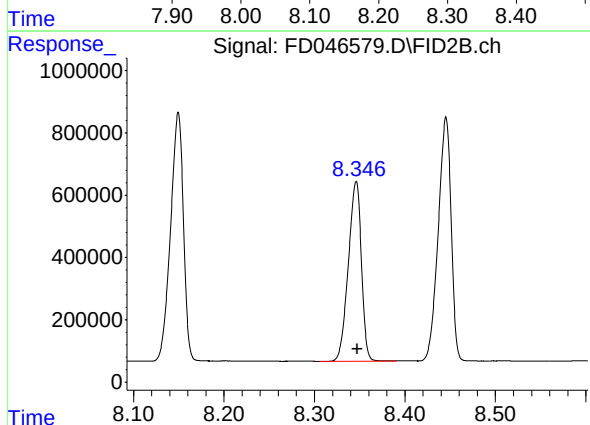
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 8734209
Conc: 49.56 ug/ml



#5 Acenaphthylene (C15.06)

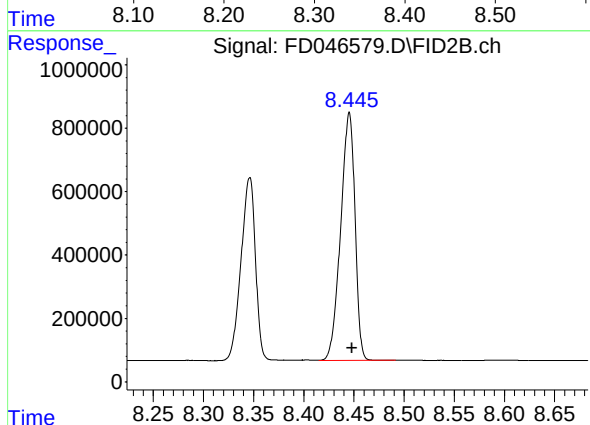
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 7918226
Conc: 44.91 ug/ml

Instrument :
FID_D
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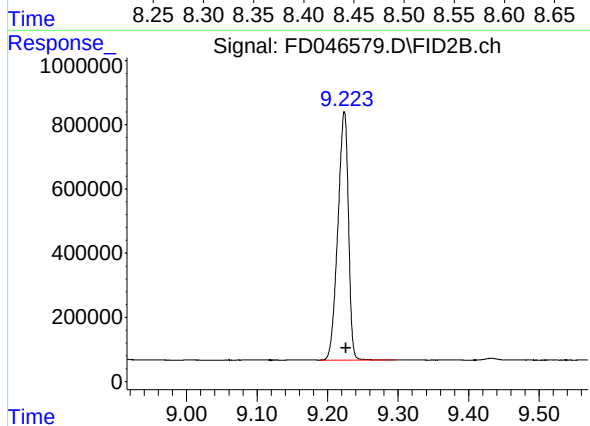
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.346 min
Delta R.T.: -0.001 min
Response: 5800304
Conc: 50.06 ug/ml



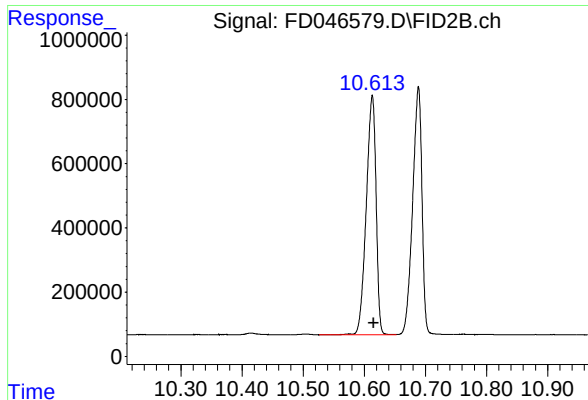
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 7788093
Conc: 41.45 ug/ml



#8 Flouorene (C16.55)

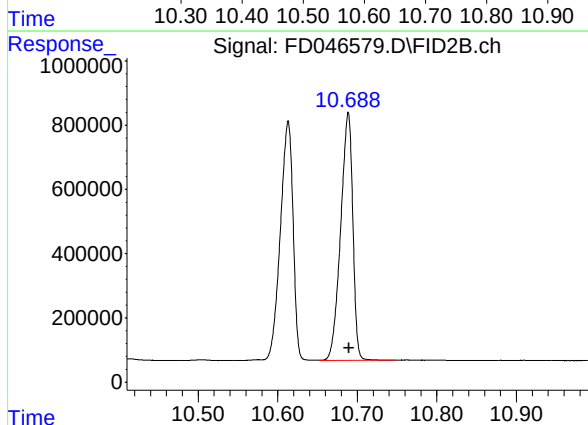
R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 8076004
Conc: 44.77 ug/ml



#9 Phenanthrene (C19.36)

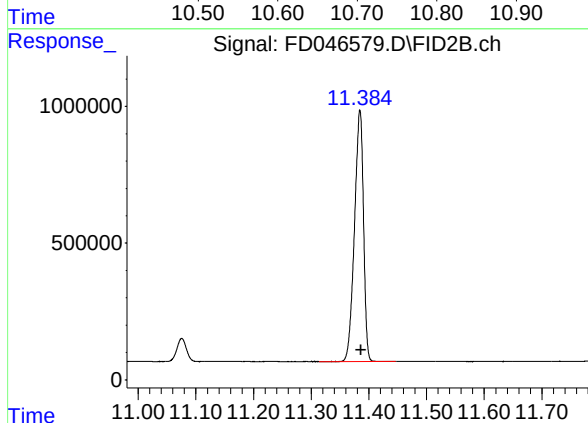
R.T.: 10.613 min
Delta R.T.: -0.003 min
Response: 8296830
Conc: 47.19 ug/ml

Instrument :
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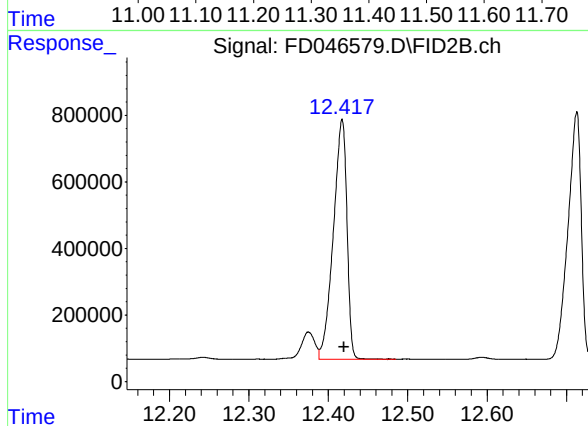
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: -0.001 min
Response: 8165051
Conc: 53.16 ug/ml



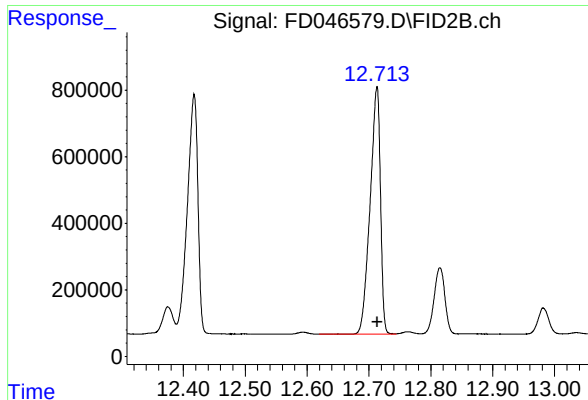
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 9998873
Conc: 49.08 ug/ml



#12 Fluoranthene (C21.85)

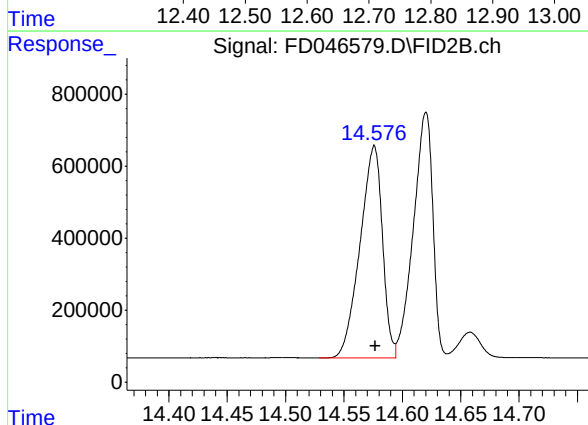
R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 8569119
Conc: 50.28 ug/ml



#13 Pyrene (C20.8)

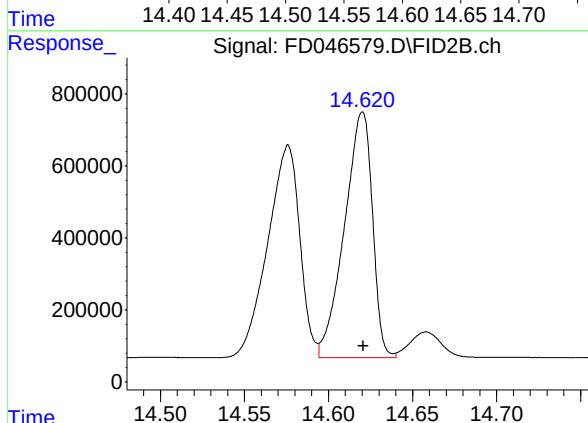
R.T.: 12.712 min
Delta R.T.: -0.001 min
Response: 8616976
Conc: 52.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BS



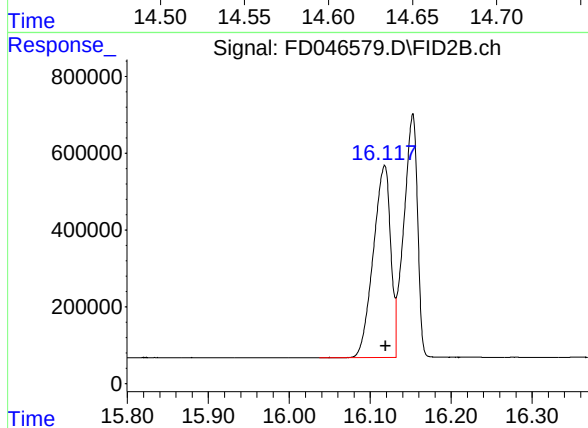
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 7870552
Conc: 56.37 ug/ml



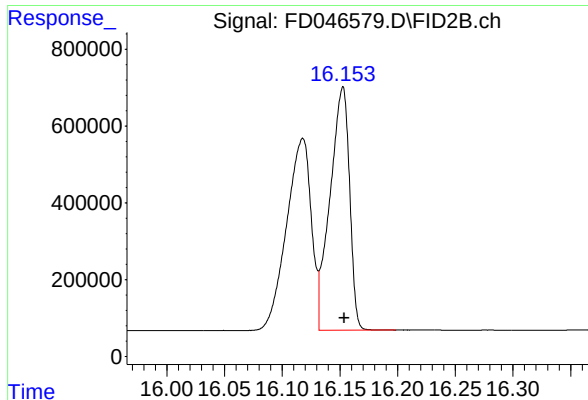
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: 0.000 min
Response: 7925328
Conc: 52.21 ug/ml



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

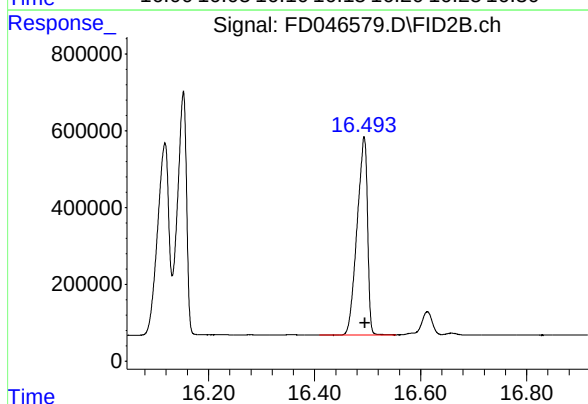
R.T.: 16.117 min
Delta R.T.: -0.002 min
Response: 7448411
Conc: 54.30 ug/ml



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

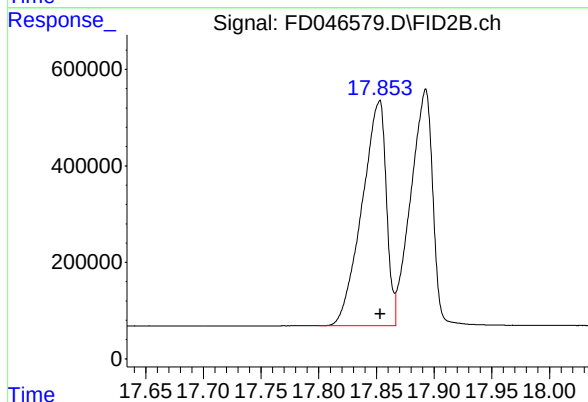
R.T.: 16.152 min
Delta R.T.: -0.002 min
Response: 7468174
Conc: 53.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155838BS



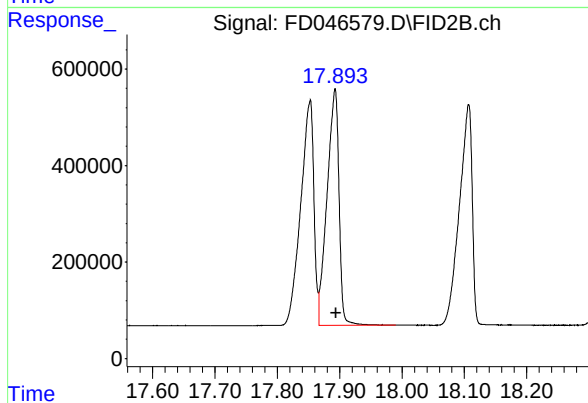
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: -0.002 min
Response: 7061031
Conc: 52.78 ug/ml



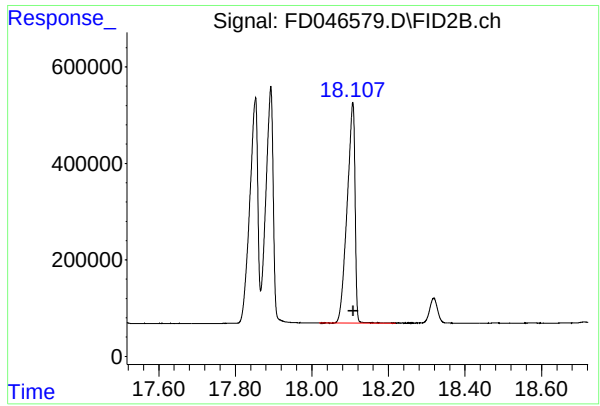
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.002 min
Response: 6855547
Conc: 54.69 ug/ml



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

R.T.: 17.892 min
Delta R.T.: -0.002 min
Response: 6515203
Conc: 48.96 ug/ml



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

R.T.: 18.106 min

Delta R.T.: -0.002 min

Response: 6555789

Conc: 49.71 ug/ml

Instrument :

FID_D

ClientSampleId :

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