

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083123AR\
 Data File : FD046408.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 17:36
 Operator : YP/AJ
 Sample : PB155245BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155245BS

Integration File: autoint1.e
 Quant Time: Sep 01 02:03:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.496	6742817	39.925 ug/ml
Spiked Amount 50.000		Recovery =	79.85%
6) S 2-Fluorobiphenyl (SURR)	8.350	3728255	33.500 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.00%
11) S ortho-Terphenyl (SURR)	11.389	7471429	38.095 ug/ml
Spiked Amount 50.000		Recovery =	76.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	4918558	27.990 ug/ml
2) T Naphthalene (C11.7)	5.835	5755934	31.230 ug/ml
3) T 2-Methylnaphthalene (...)	6.884	6163891	33.197 ug/ml
5) T Acenaphthylene (C15.06)	8.154	6929479	40.719 ug/ml
7) T Acenaphthene (C15.5)	8.450	6731607	37.365 ug/ml
8) T Fluorene (C16.55)	9.229	7219435	41.279 ug/ml
9) T Phenanthrene (C19.36)	10.619	7421404	43.254 ug/ml
10) T Anthracene (C19.43)	10.694	7180450	42.565 ug/ml
12) T Fluoranthene (C21.85)	12.423	7489760	45.019 ug/ml
13) T Pyrene (C20.8)	12.718	7515366	46.629 ug/ml
14) T Benzo[a]anthracene (C...	14.581	6793590	48.288 ug/ml
15) T Chrysene (C27.41)	14.625	6686626	45.078 ug/ml
16) T benzo[b]fluoranthene ...	16.124	6471411	47.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	6327794	46.643 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	6008276	45.599 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	5954156	47.734 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	5590251	44.612 ug/ml
21) T Benzo[g,h,i]perylene ...	18.112	5693393	44.396 ug/ml

(f)=RT Delta > 1/2 Window

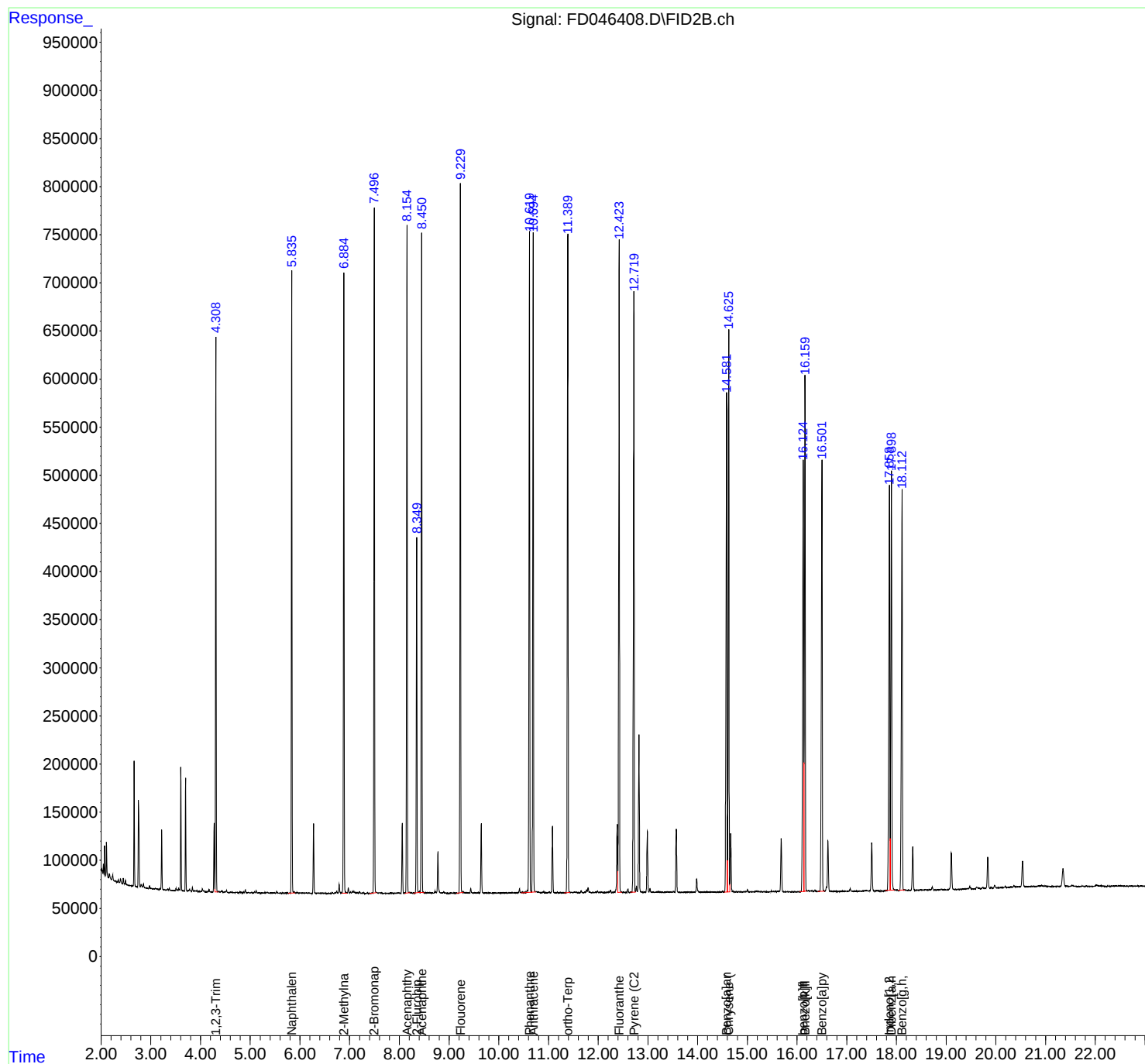
(m)=manual int.

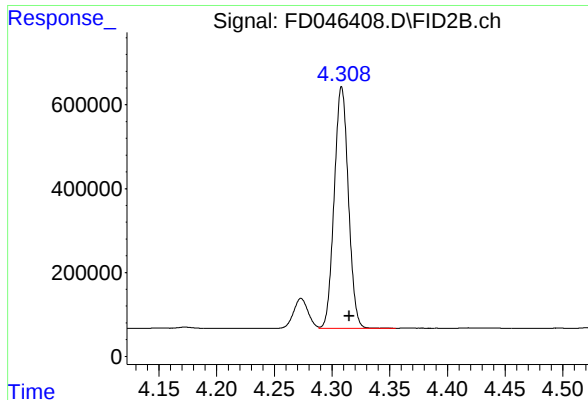
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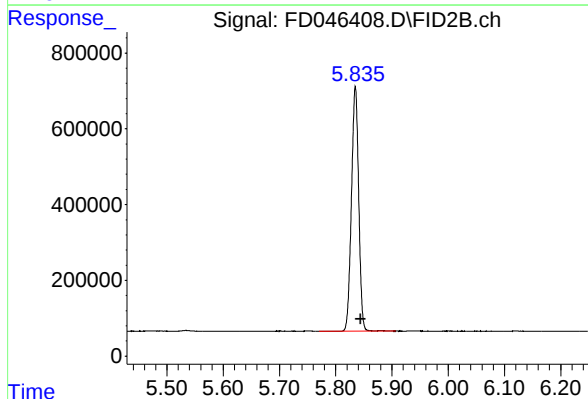




#1 1,2,3-Trimethylbenzene (C10.1)

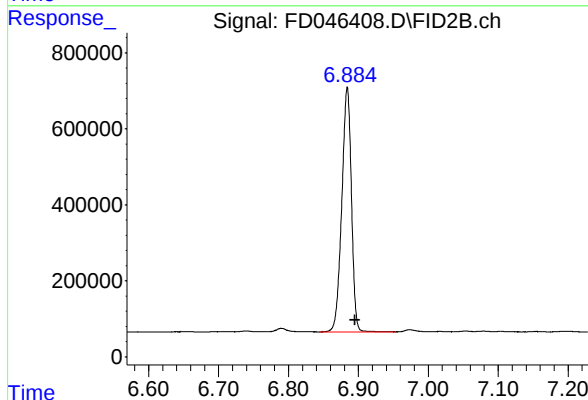
R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 4918558
Conc: 27.99 ug/ml

Instrument :
FID_D
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PB155245BS



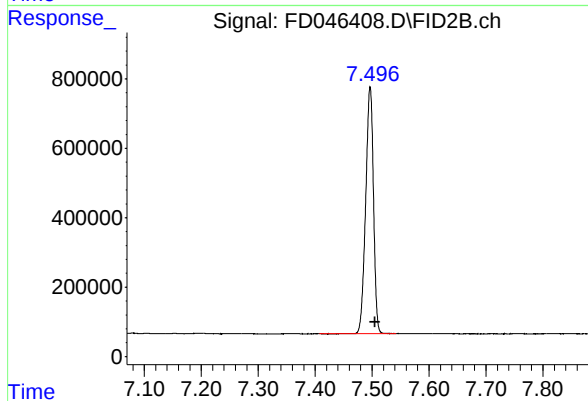
#2 Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: -0.010 min
Response: 5755934
Conc: 31.23 ug/ml



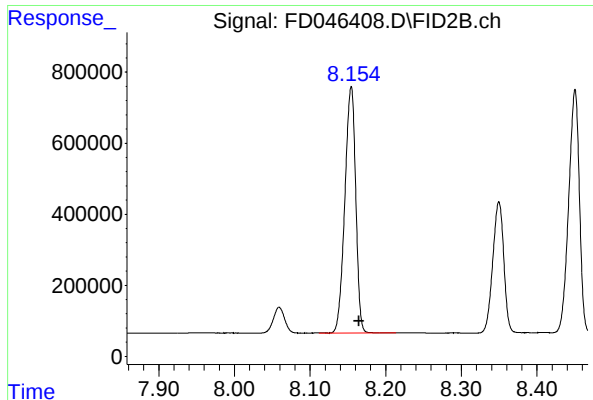
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: -0.011 min
Response: 6163891
Conc: 33.20 ug/ml



#4 2-Bromonaphthalene (SURR)

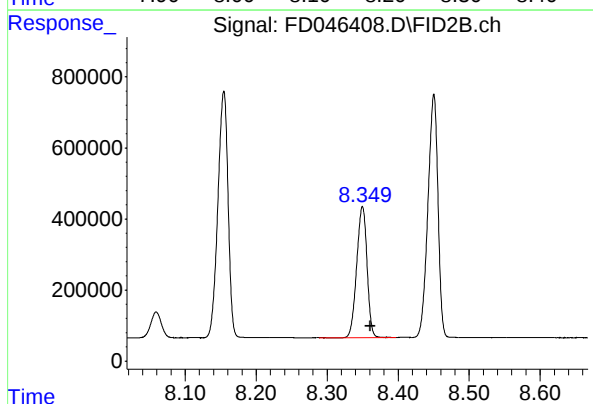
R.T.: 7.496 min
Delta R.T.: -0.009 min
Response: 6742817
Conc: 39.93 ug/ml



#5 Acenaphthylene (C15.06)

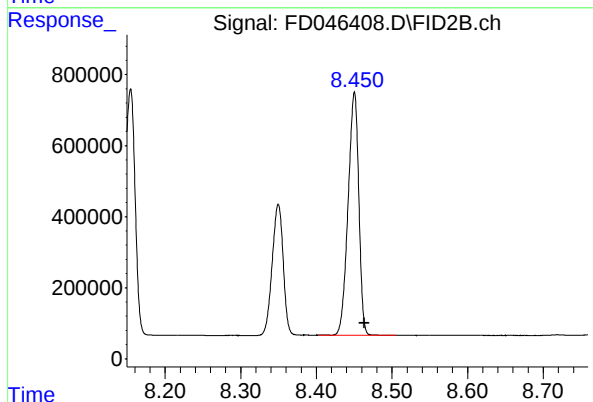
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 6929479
Conc: 40.72 ug/ml

Instrument :
FID_D
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PB155245BS



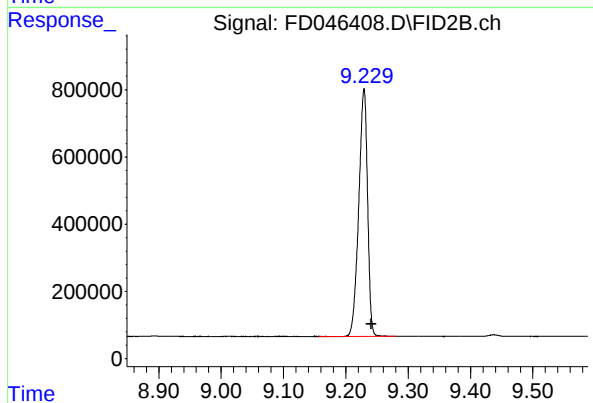
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.011 min
Response: 3728255
Conc: 33.50 ug/ml



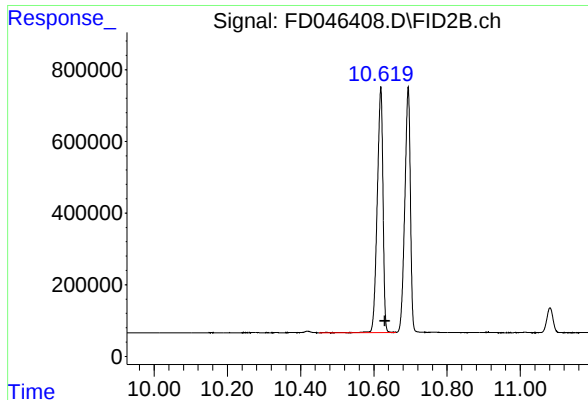
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.013 min
Response: 6731607
Conc: 37.36 ug/ml



#8 Flouorene (C16.55)

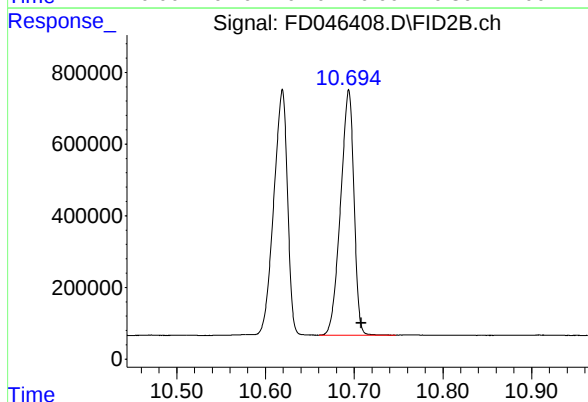
R.T.: 9.229 min
Delta R.T.: -0.012 min
Response: 7219435
Conc: 41.28 ug/ml



#9 Phenanthrene (C19.36)

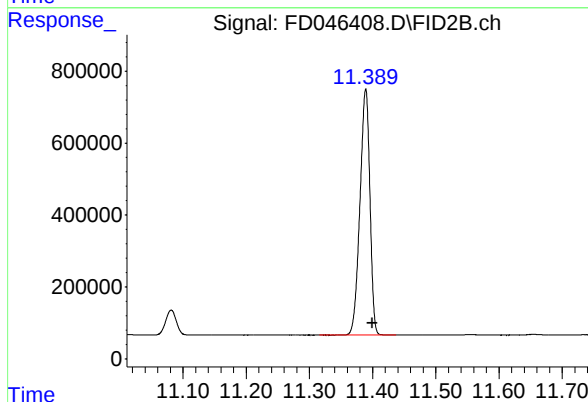
R.T.: 10.619 min
Delta R.T.: -0.012 min
Response: 7421404
Conc: 43.25 ug/ml

Instrument :
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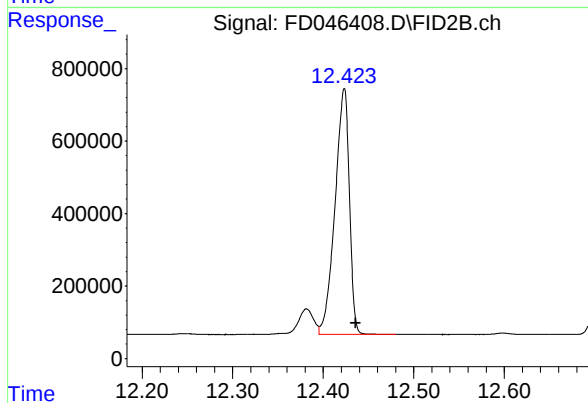
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.014 min
Response: 7180450
Conc: 42.56 ug/ml



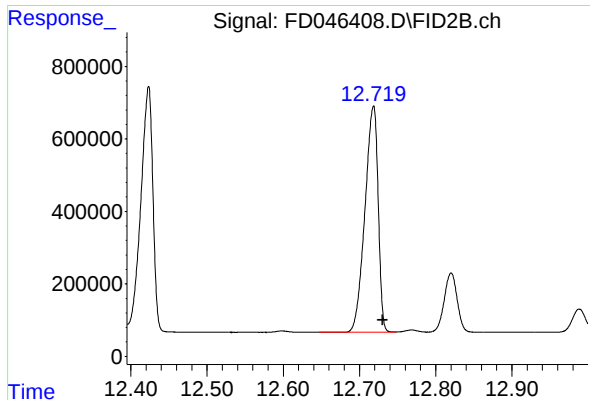
#11 ortho-Terphenyl (SURR)

R.T.: 11.389 min
Delta R.T.: -0.010 min
Response: 7471429
Conc: 38.09 ug/ml



#12 Fluoranthene (C21.85)

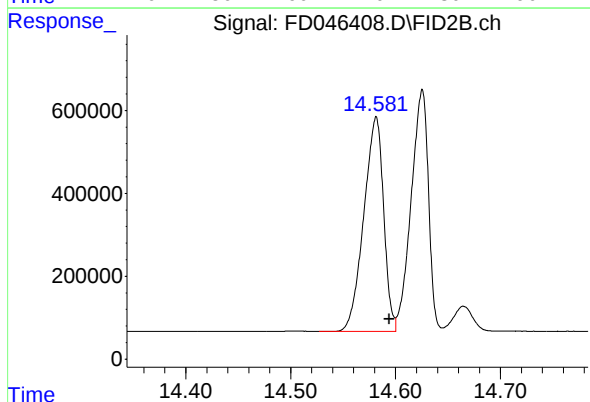
R.T.: 12.423 min
Delta R.T.: -0.013 min
Response: 7489760
Conc: 45.02 ug/ml



#13 Pyrene (C20.8)

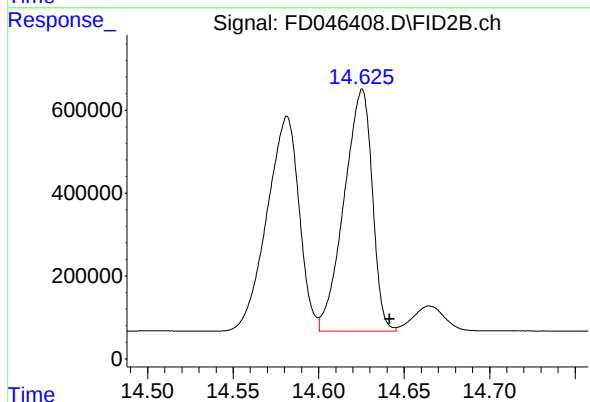
R.T.: 12.718 min
Delta R.T.: -0.013 min
Response: 7515366
Conc: 46.63 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155245BS



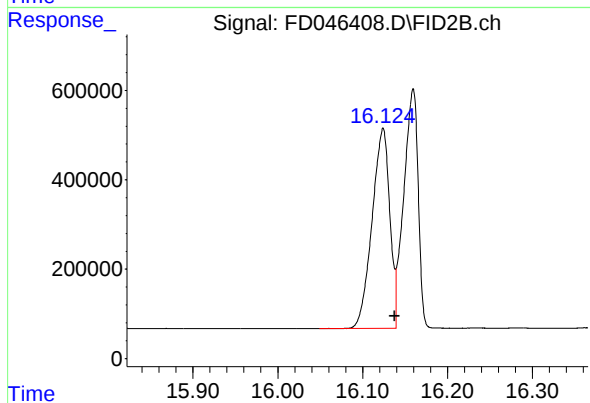
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.013 min
Response: 6793590
Conc: 48.29 ug/ml



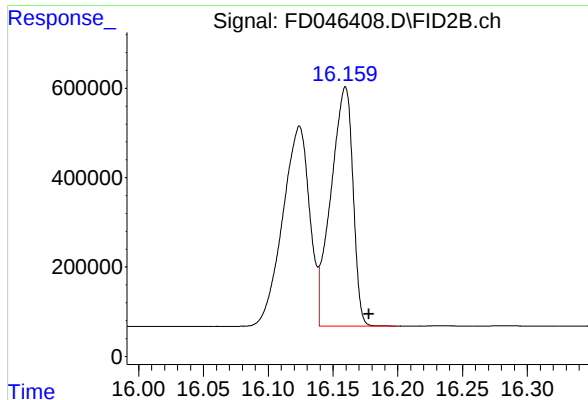
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: -0.016 min
Response: 6686626
Conc: 45.08 ug/ml



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

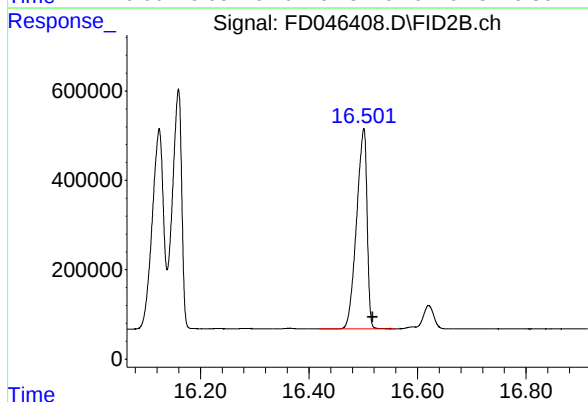
R.T.: 16.124 min
Delta R.T.: -0.014 min
Response: 6471411
Conc: 47.63 ug/ml



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

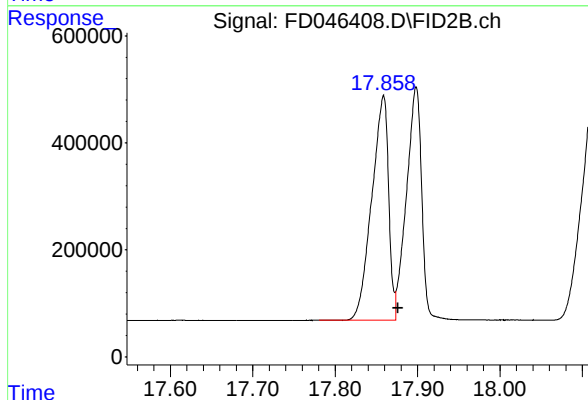
R.T.: 16.159 min
Delta R.T.: -0.019 min
Response: 6327794
Conc: 46.64 ug/ml

Instrument :
FID_D
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PB155245BS



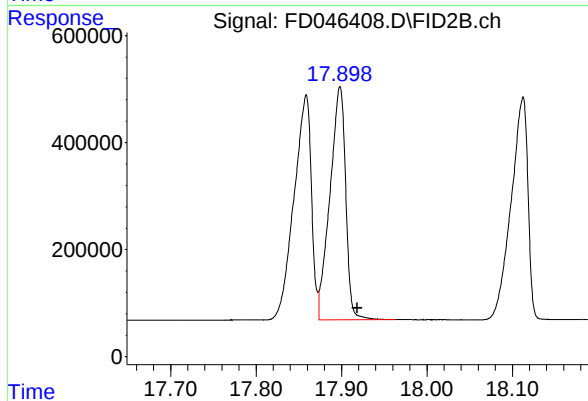
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.017 min
Response: 6008276
Conc: 45.60 ug/ml



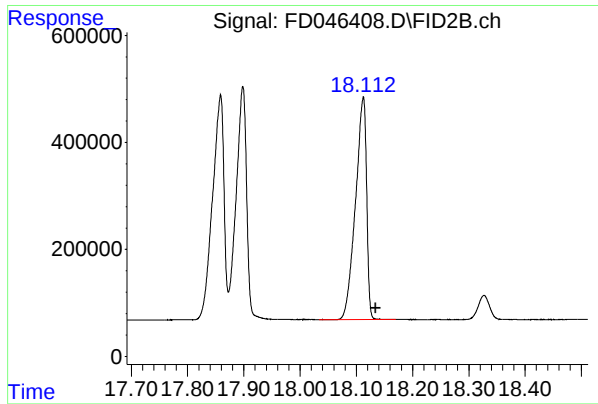
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.858 min
Delta R.T.: -0.019 min
Response: 5954156
Conc: 47.73 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.021 min
Response: 5590251
Conc: 44.61 ug/ml



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

R.T.: 18.112 min

Delta R.T.: -0.023 min

Response: 5693393

Conc: 44.40 ug/ml

Instrument :

FID_D

ClientSampleId :

PB155245BS