

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD046994.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 11:27
 Operator : YP/AJ
 Sample : PB157580BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157580BS

Integration File: autoint1.e
 Quant Time: Dec 06 14:01:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	8137496	47.036 ug/ml
Spiked Amount 50.000		Recovery =	94.07%
6) S 2-Fluorobiphenyl (SURR)	8.329	3903117	35.893 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.79%
11) S ortho-Terphenyl (SURR)	11.368	9049572	45.476 ug/ml
Spiked Amount 50.000		Recovery =	90.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	4775379	25.665 ug/ml
2) T Naphthalene (C11.7)	5.815	5995864	31.486 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	6343562	32.941 ug/ml
5) T Acenaphthylene (C15.06)	8.133	7664412	44.029 ug/ml
7) T Acenaphthene (C15.5)	8.429	7228466	38.977 ug/ml
8) T Fluorene (C16.55)	9.207	8012166	46.417 ug/ml
9) T Phenanthrene (C19.36)	10.597	8356397	50.896 ug/ml
10) T Anthracene (C19.43)	10.672	7987142	51.650 ug/ml
12) T Fluoranthene (C21.85)	12.401	8590398	54.199 ug/ml
13) T Pyrene (C20.8)	12.696	8574659	56.043 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7339144	56.602 ug/ml
15) T Chrysene (C27.41)	14.604	7439892	51.906 ug/ml
16) T benzo[b]fluoranthene ...	16.103	7372226	55.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	7123633	52.140 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	6778291	51.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	6627971	55.547 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6234222	47.979 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	6548877	50.053 ug/ml

(f)=RT Delta > 1/2 Window

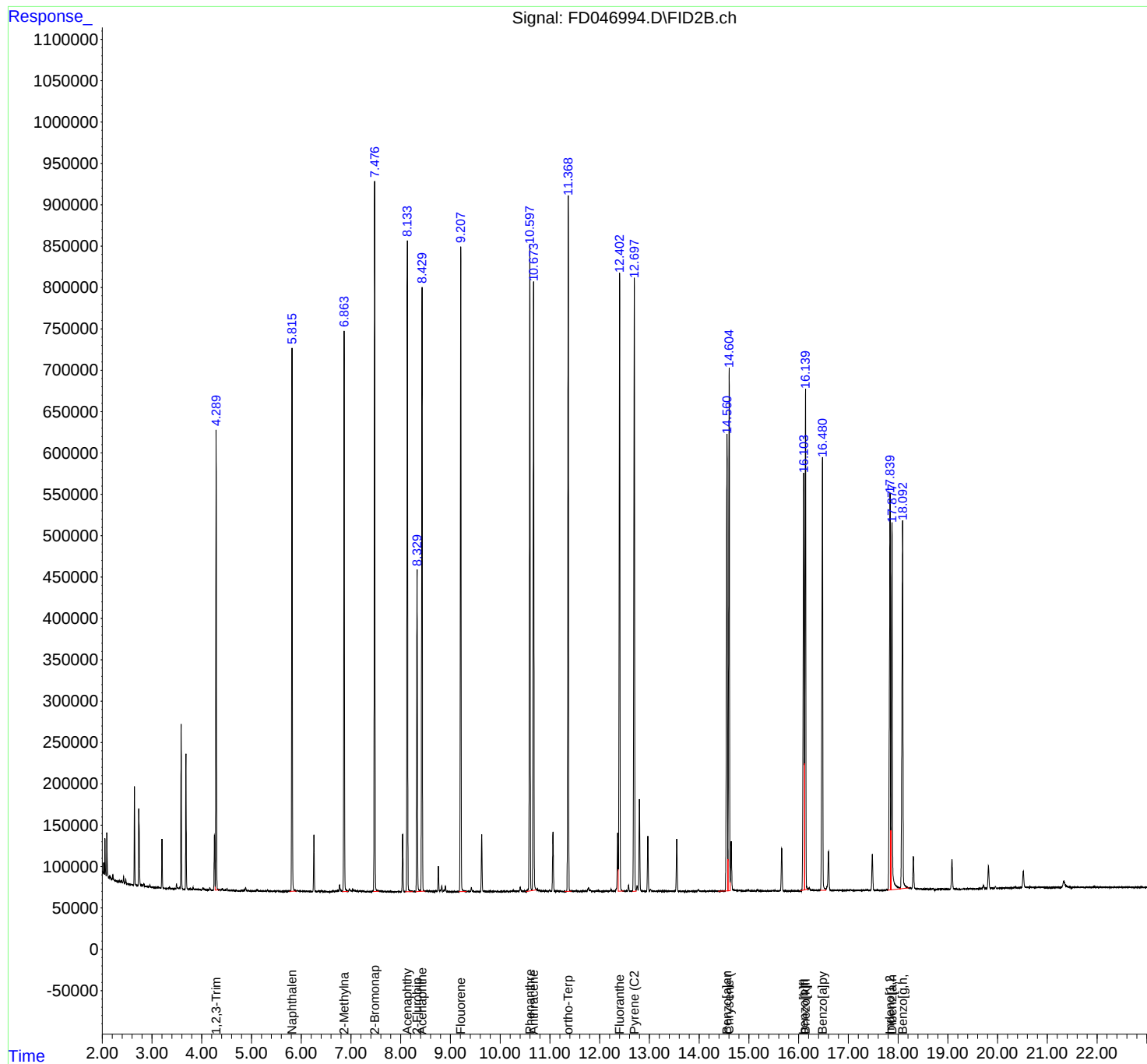
(m)=manual int.

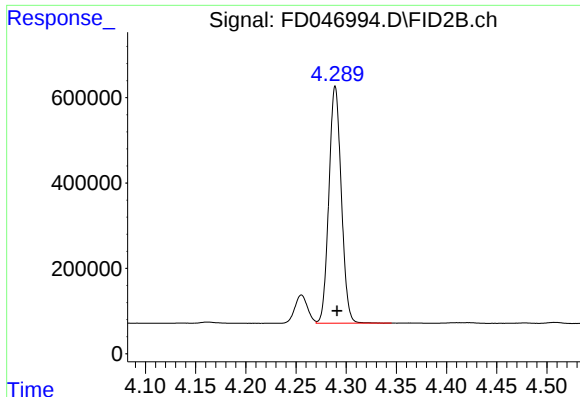
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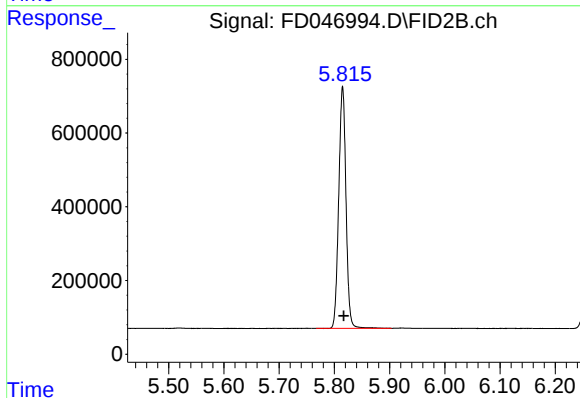




#1 1,2,3-Trimethylbenzene (C10.1)

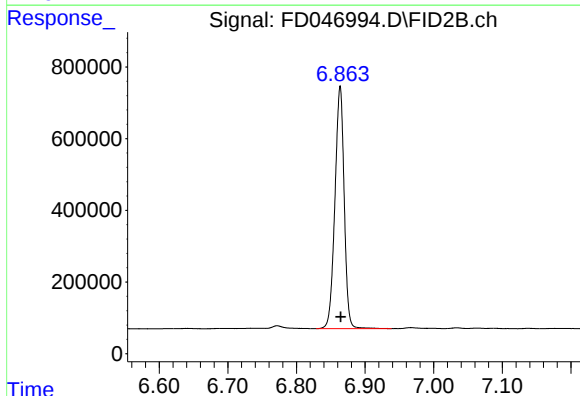
R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 4775379
Conc: 25.67 ug/ml

Instrument :
FID_D
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PB157580BS



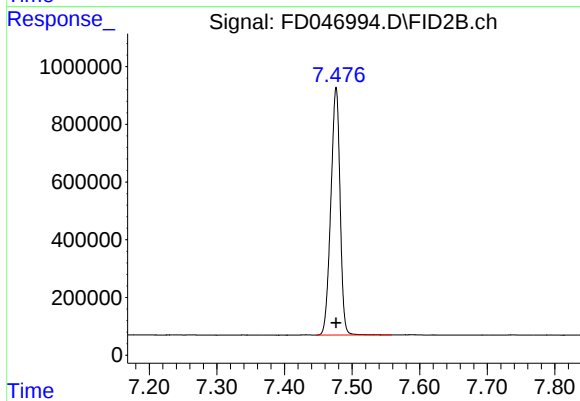
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 5995864
Conc: 31.49 ug/ml



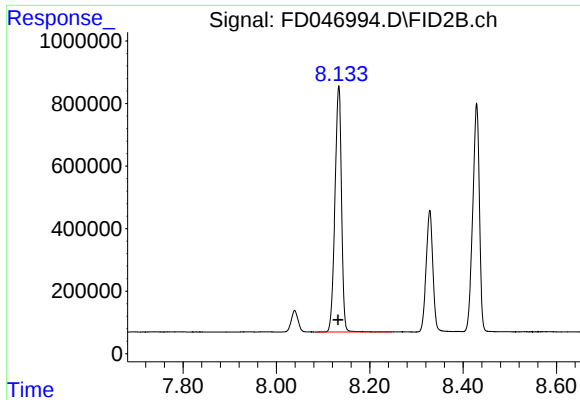
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 6343562
Conc: 32.94 ug/ml



#4 2-Bromonaphthalene (SURR)

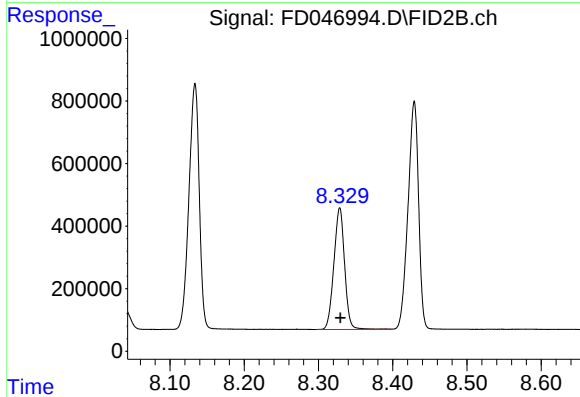
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 8137496
Conc: 47.04 ug/ml



#5 Acenaphthylene (C15.06)

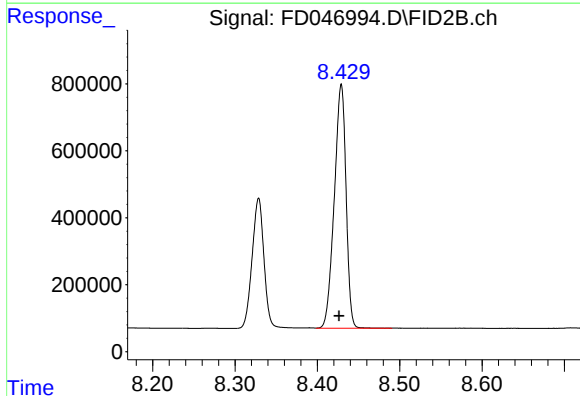
R.T.: 8.133 min
Delta R.T.: 0.001 min
Response: 7664412
Conc: 44.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157580BS



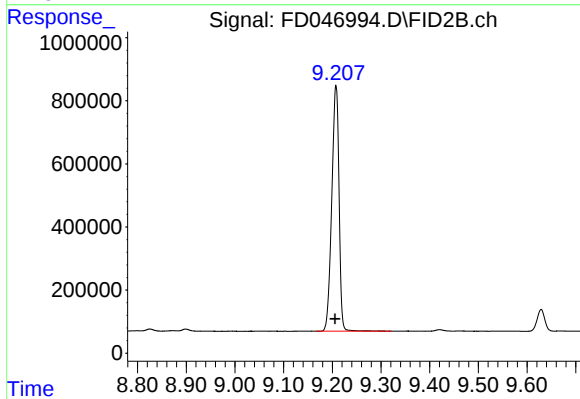
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.001 min
Response: 3903117
Conc: 35.89 ug/ml



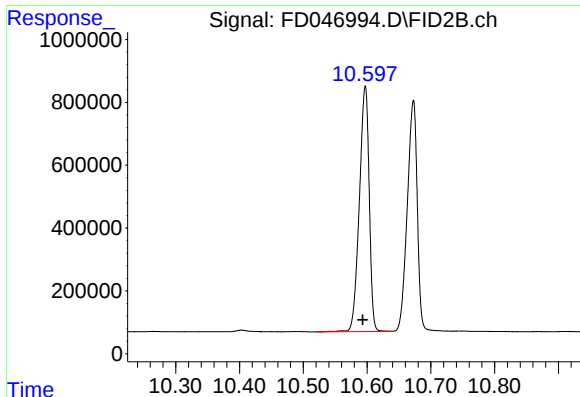
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 7228466
Conc: 38.98 ug/ml



#8 Fluorene (C16.55)

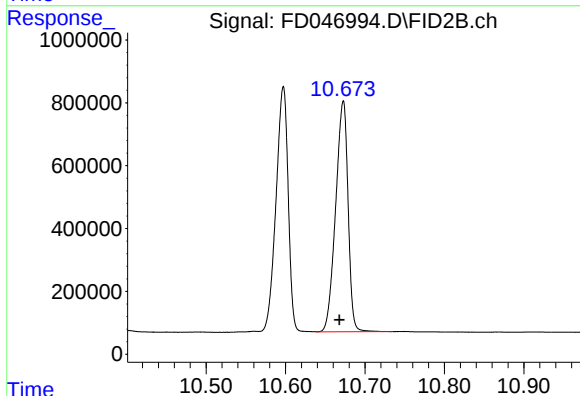
R.T.: 9.207 min
Delta R.T.: 0.001 min
Response: 8012166
Conc: 46.42 ug/ml



#9 Phenanthrene (C19.36)

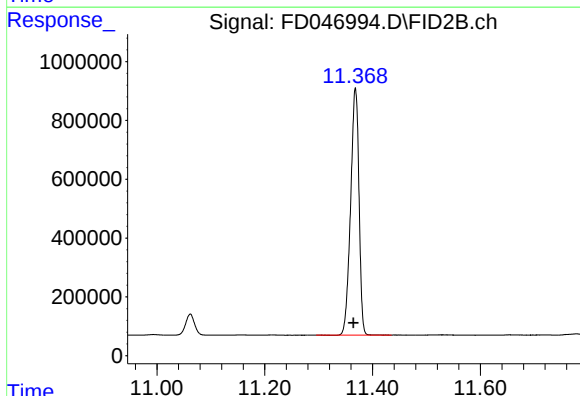
R.T.: 10.597 min
Delta R.T.: 0.004 min
Response: 8356397
Conc: 50.90 ug/ml

Instrument :
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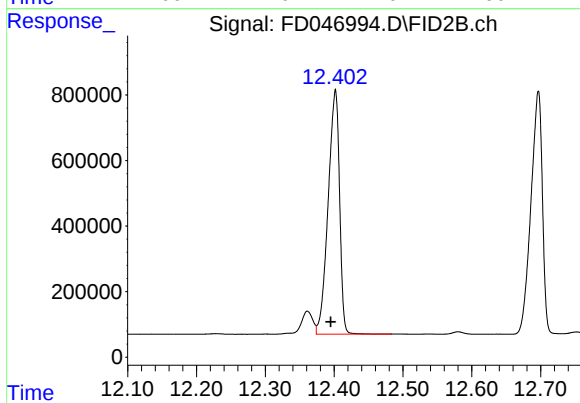
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.004 min
Response: 7987142
Conc: 51.65 ug/ml



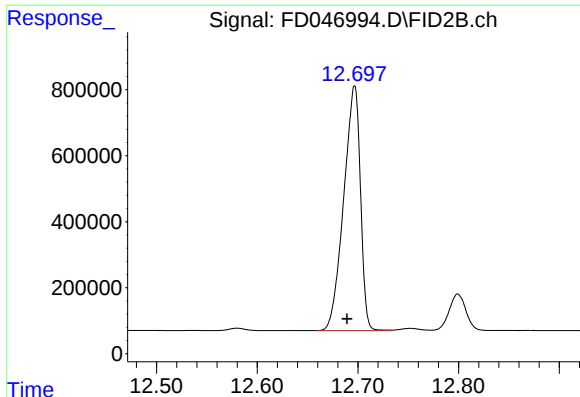
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 9049572
Conc: 45.48 ug/ml



#12 Fluoranthene (C21.85)

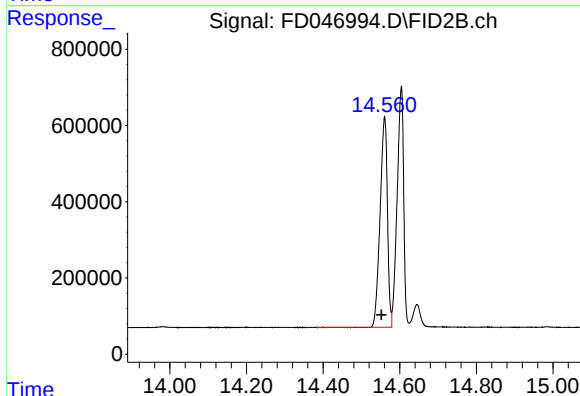
R.T.: 12.401 min
Delta R.T.: 0.006 min
Response: 8590398
Conc: 54.20 ug/ml



#13 Pyrene (C20.8)

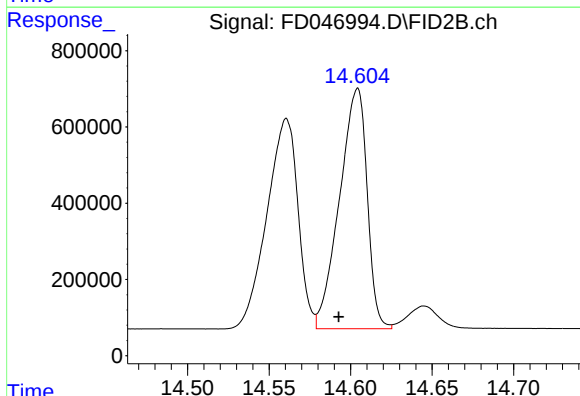
R.T.: 12.696 min
Delta R.T.: 0.007 min
Response: 8574659
Conc: 56.04 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157580BS



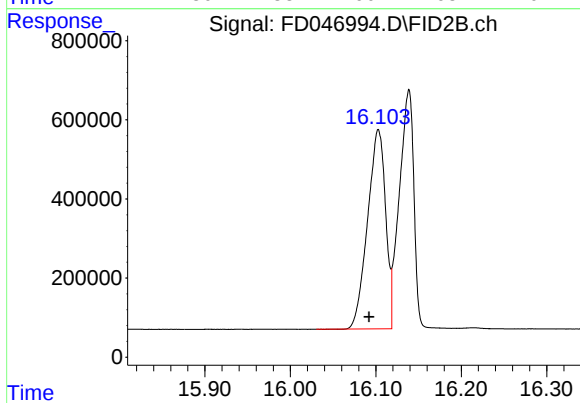
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.008 min
Response: 7339144
Conc: 56.60 ug/ml



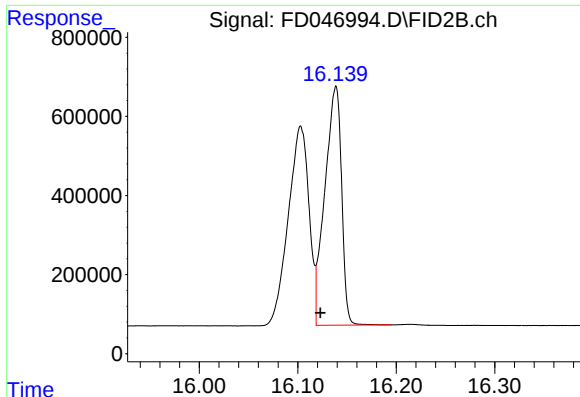
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.011 min
Response: 7439892
Conc: 51.91 ug/ml



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

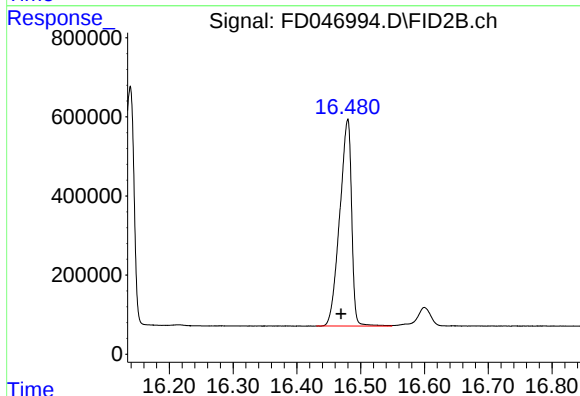
R.T.: 16.103 min
Delta R.T.: 0.011 min
Response: 7372226
Conc: 55.19 ug/ml



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

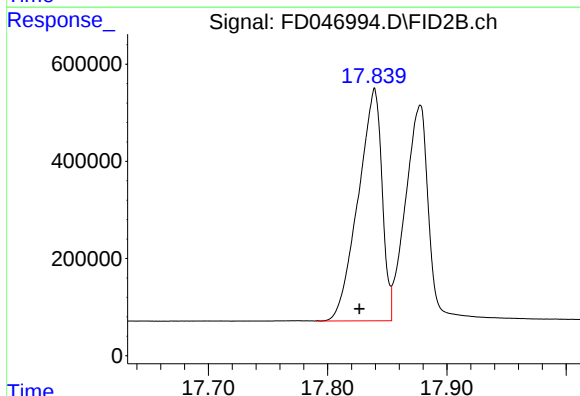
R.T.: 16.138 min
Delta R.T.: 0.015 min
Response: 7123633
Conc: 52.14 ug/ml

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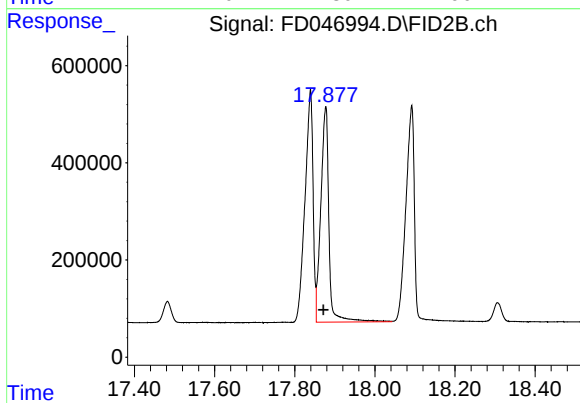
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.010 min
Response: 6778291
Conc: 51.74 ug/ml



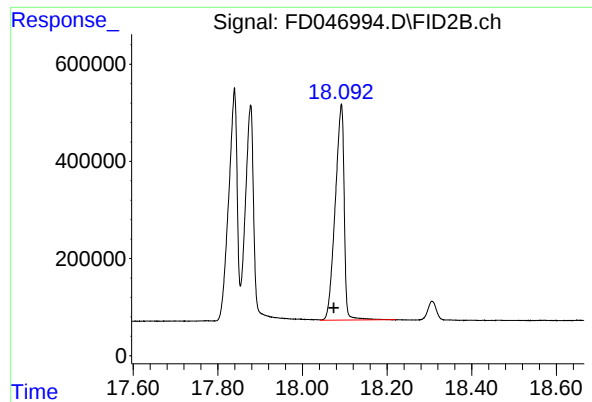
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.012 min
Response: 6627971
Conc: 55.55 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.005 min
Response: 6234222
Conc: 47.98 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.017 min
Response: 6548877
Conc: 50.05 ug/ml

Instrument :

FID_D

ClientSampleId :

PB157580BS