

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045886.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 18:55
 Operator : YP/AJ
 Sample : PB153545BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153545BS

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.524	7900342	43.821 ug/ml
Spiked Amount 50.000		Recovery =	87.64%
6) S 2-Fluorobiphenyl (SURR)	8.380	5096778	42.393 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.79%
11) S ortho-Terphenyl (SURR)	11.419	7847506	35.133 ug/ml
Spiked Amount 50.000		Recovery =	70.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	7199287	35.662 ug/ml
2) T Naphthalene (C11.7)	5.863	8074340	38.105 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	7927208	37.533 ug/ml
5) T Acenaphthylene (C15.06)	8.184	8441511	44.555 ug/ml
7) T Acenaphthene (C15.5)	8.481	8814273	43.596 ug/ml
8) T Fluorene (C16.55)	9.259	8740838	44.116 ug/ml
9) T Phenanthrene (C19.36)	10.650	8893968	46.490 ug/ml
10) T Anthracene (C19.43)	10.726	8858371	52.001 ug/ml
12) T Fluoranthene (C21.85)	12.456	8775815	47.501 ug/ml
13) T Pyrene (C20.8)	12.751	8690350	48.659 ug/ml
14) T Benzo[a]anthracene (C...	14.615	7919302	50.581 ug/ml
15) T Chrysene (C27.41)	14.659	7835695	47.494 ug/ml
16) T benzo[b]fluoranthene ...	16.158	7987910	52.778 ug/ml
17) T Bnezo[k]fluoranthene ...	16.194	7624438	49.247 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	7031283	48.081 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	7346128	50.156 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	7254373	48.357 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	7481489	50.703 ug/ml

(f)=RT Delta > 1/2 Window

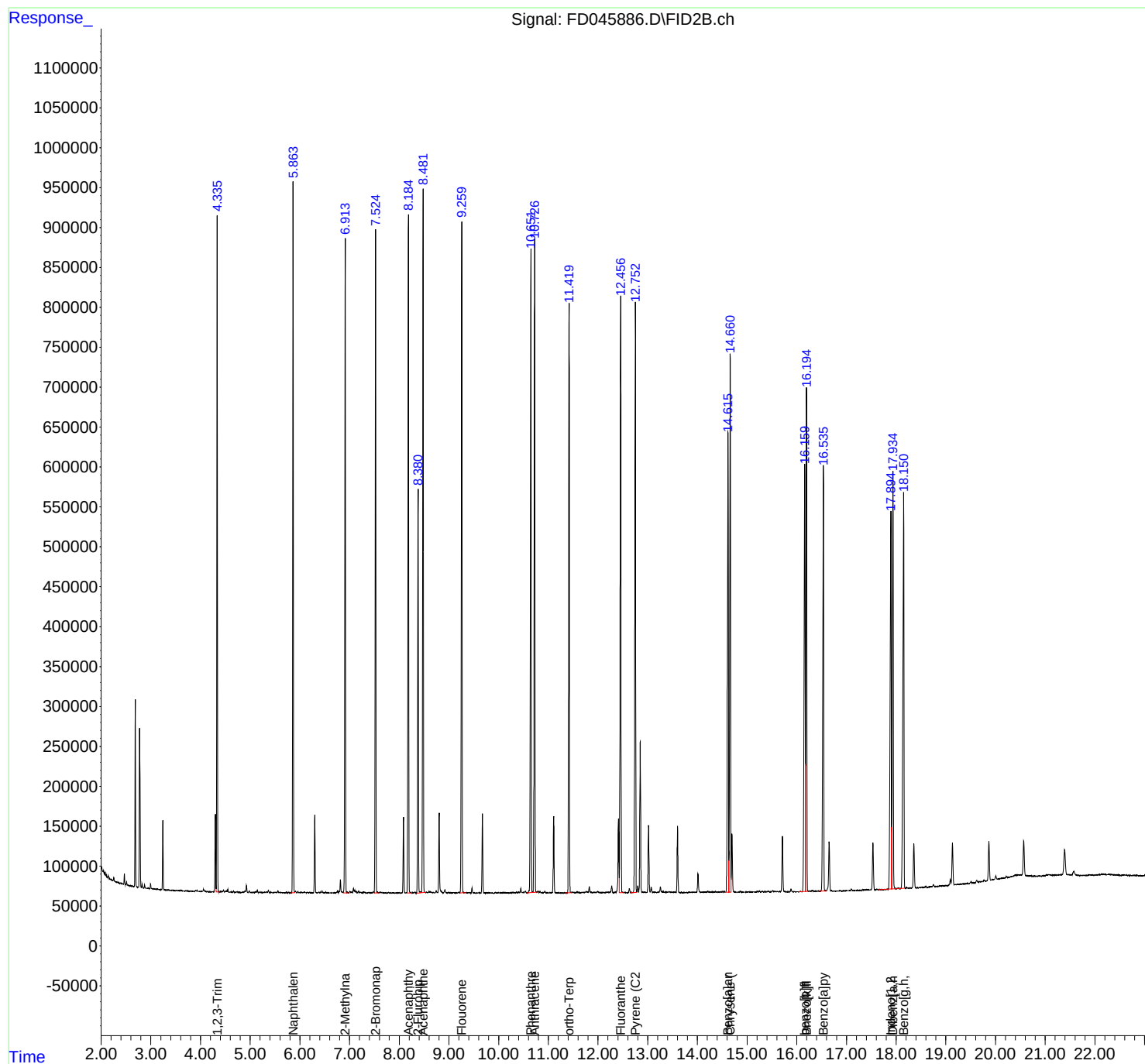
(m)=manual int.

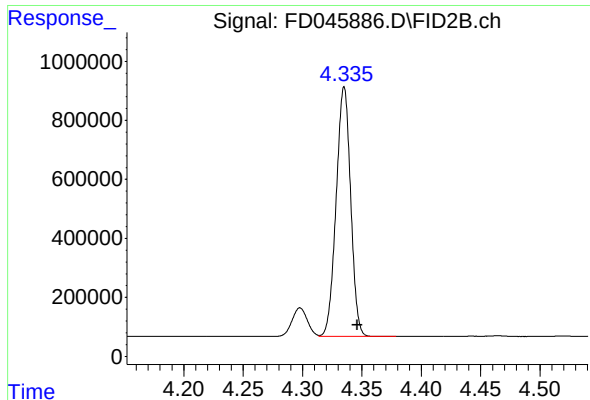
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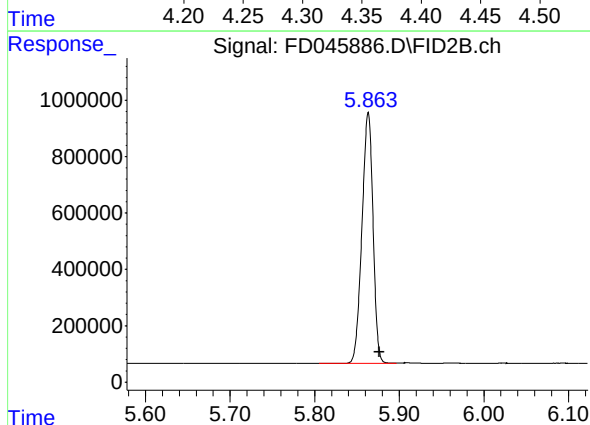




#1 1,2,3-Trimethylbenzene (C10.1)

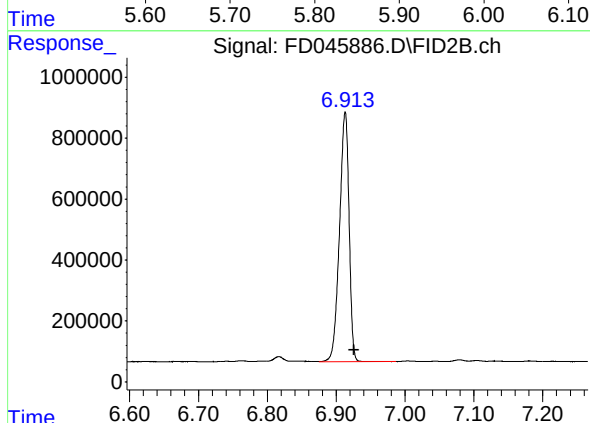
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 7199287
Conc: 35.66 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153545BS



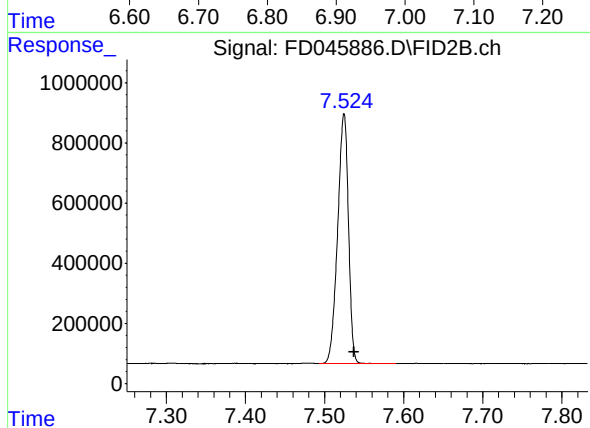
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 8074340
Conc: 38.11 ug/ml



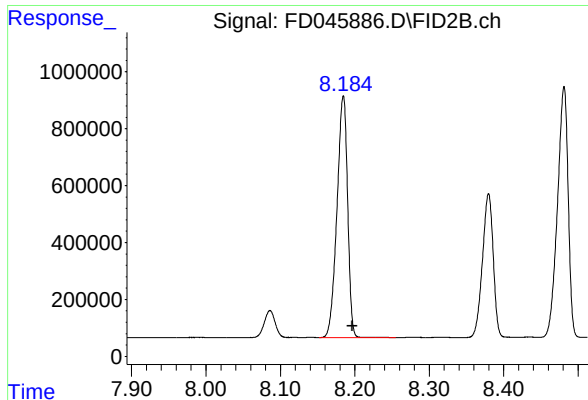
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 7927208
Conc: 37.53 ug/ml



#4 2-Bromonaphthalene (SURR)

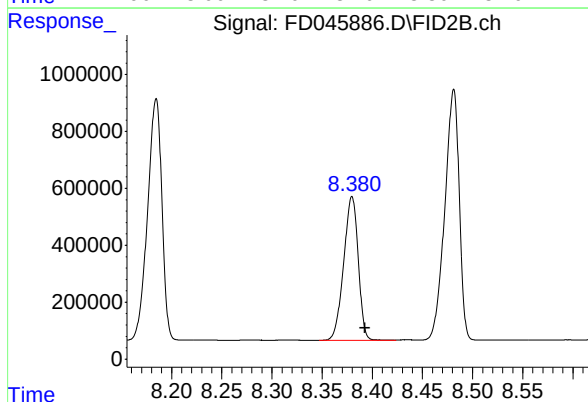
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 7900342
Conc: 43.82 ug/ml



#5 Acenaphthylene (C15.06)

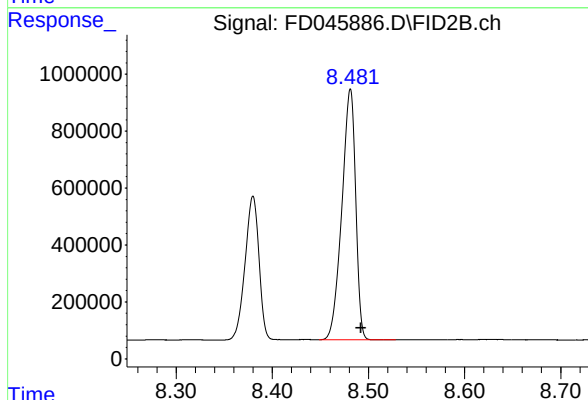
R.T.: 8.184 min
Delta R.T.: -0.012 min
Response: 8441511
Conc: 44.56 ug/ml

Instrument :
FID_D
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PB153545BS



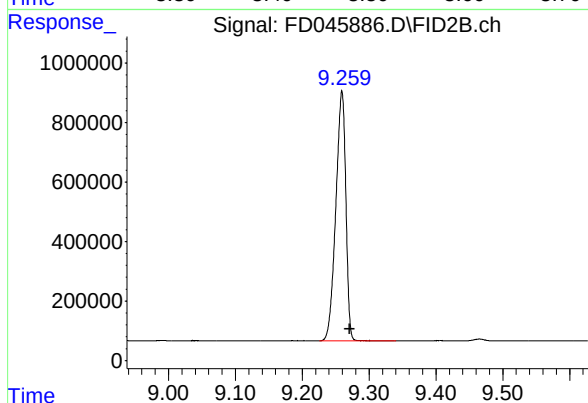
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 5096778
Conc: 42.39 ug/ml



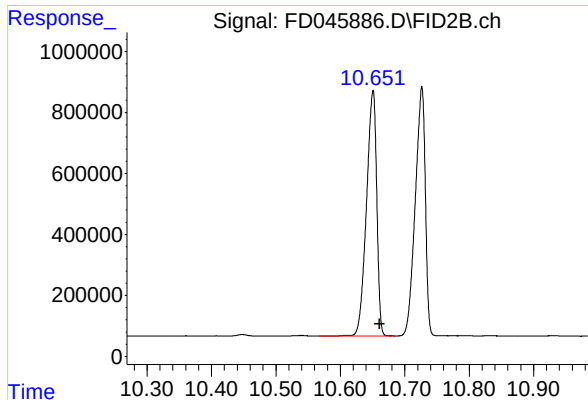
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.012 min
Response: 8814273
Conc: 43.60 ug/ml



#8 Flouorene (C16.55)

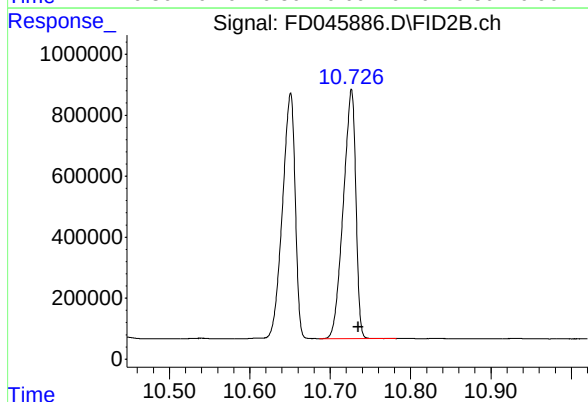
R.T.: 9.259 min
Delta R.T.: -0.011 min
Response: 8740838
Conc: 44.12 ug/ml



#9 Phenanthrene (C19.36)

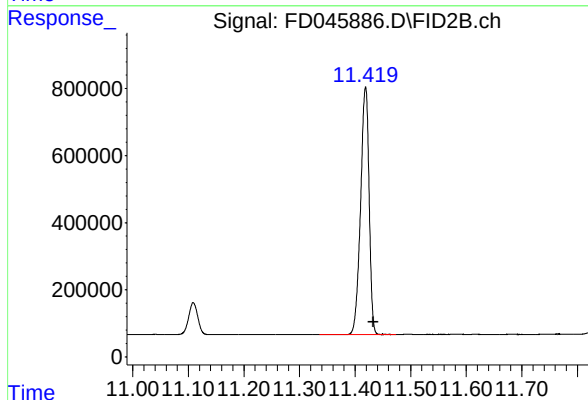
R.T.: 10.650 min
Delta R.T.: -0.011 min
Response: 8893968
Conc: 46.49 ug/ml

Instrument :
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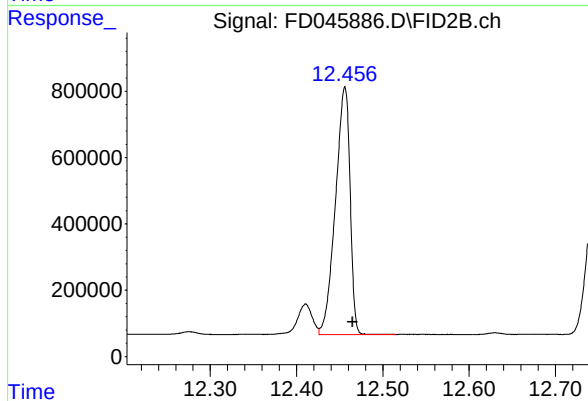
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.009 min
Response: 8858371
Conc: 52.00 ug/ml



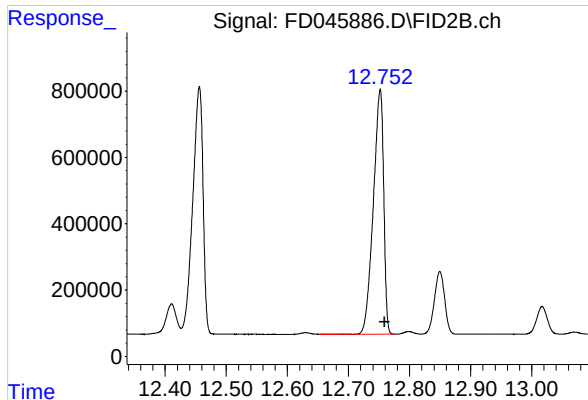
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 7847506
Conc: 35.13 ug/ml



#12 Fluoranthene (C21.85)

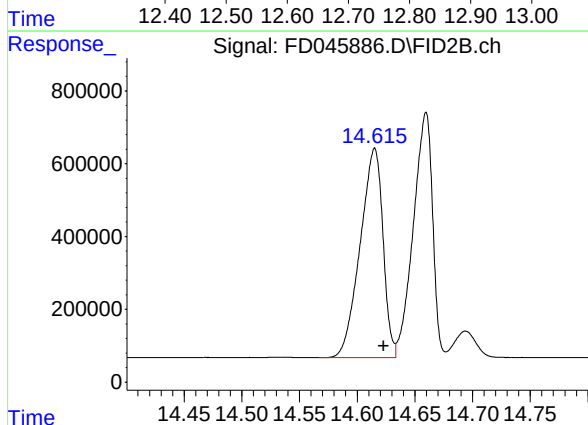
R.T.: 12.456 min
Delta R.T.: -0.009 min
Response: 8775815
Conc: 47.50 ug/ml



#13 Pyrene (C20.8)

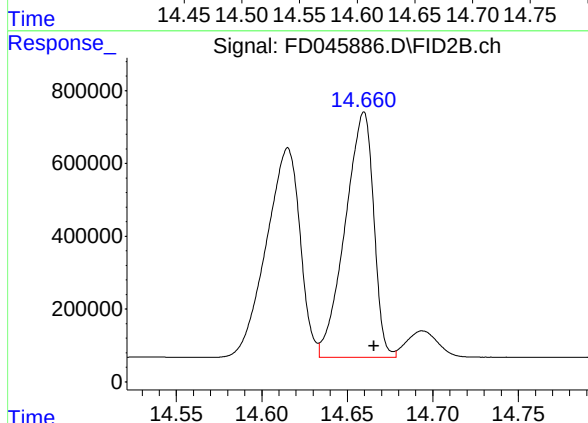
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 8690350
Conc: 48.66 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153545BS



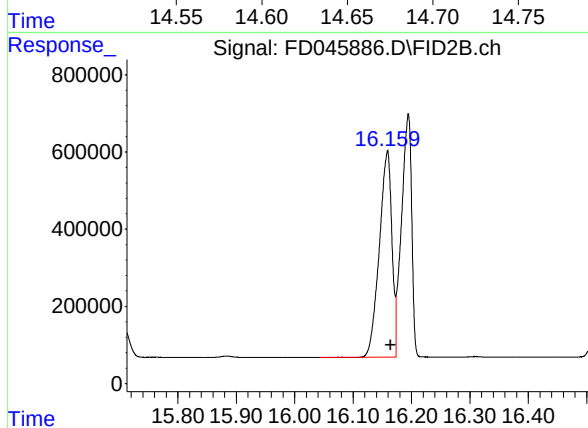
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 7919302
Conc: 50.58 ug/ml



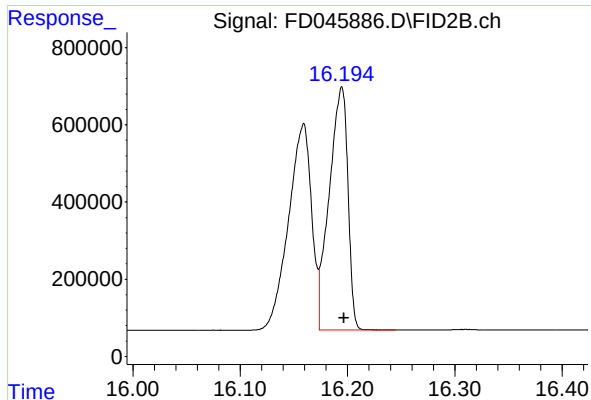
#15 Chrysene (C27.41)

R.T.: 14.659 min
Delta R.T.: -0.007 min
Response: 7835695
Conc: 47.49 ug/ml



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

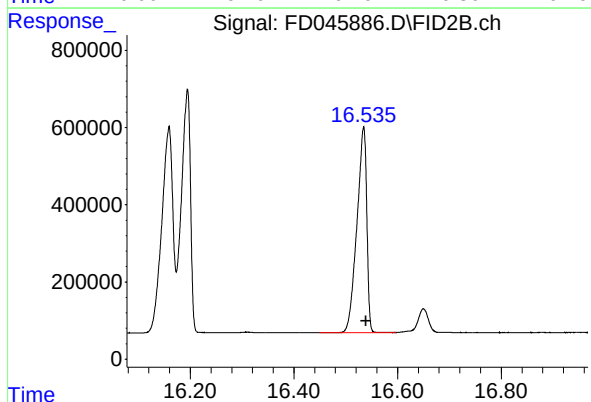
R.T.: 16.158 min
Delta R.T.: -0.006 min
Response: 7987910
Conc: 52.78 ug/ml



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

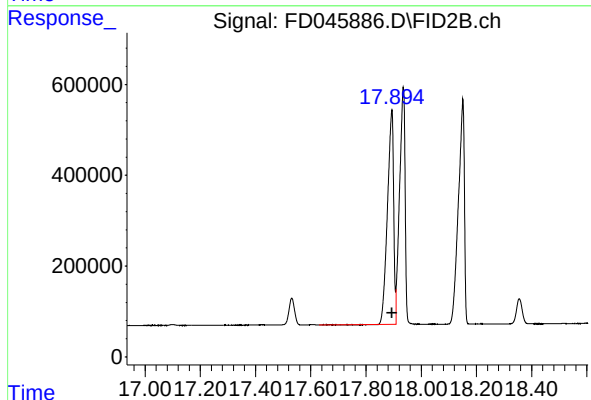
R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 7624438
Conc: 49.25 ug/ml

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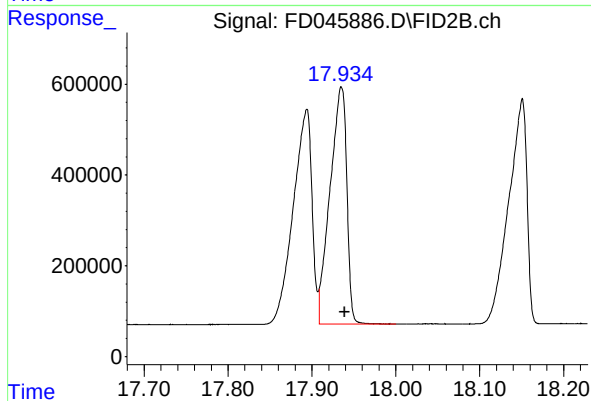
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: -0.005 min
Response: 7031283
Conc: 48.08 ug/ml



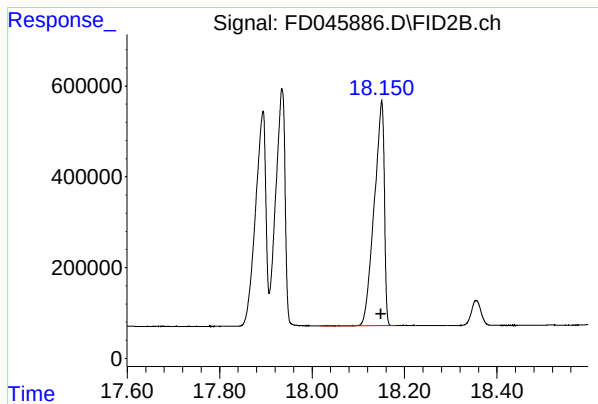
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 7346128
Conc: 50.16 ug/ml



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

R.T.: 17.935 min
Delta R.T.: -0.004 min
Response: 7254373
Conc: 48.36 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 7481489
Conc: 50.70 ug/ml

Instrument :

FID_D

ClientSampleId :

PB153545BS