

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045887.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 19:39
 Operator : YP/AJ
 Sample : PB153545BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153545BSD

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:18 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	8186774	45.410 ug/ml
Spiked Amount 50.000		Recovery =	90.82%
6) S 2-Fluorobiphenyl (SURR)	8.380	5269374	43.828 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.66%
11) S ortho-Terphenyl (SURR)	11.419	8114132	36.326 ug/ml
Spiked Amount 50.000		Recovery =	72.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	7479831	37.051 ug/ml
2) T Naphthalene (C11.7)	5.863	8374364	39.521 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	8222025	38.929 ug/ml
5) T Acenaphthylene (C15.06)	8.184	8730270	46.079 ug/ml
7) T Acenaphthene (C15.5)	8.481	9125243	45.134 ug/ml
8) T Fluorene (C16.55)	9.259	9069077	45.772 ug/ml
9) T Phenanthrene (C19.36)	10.651	9188733	48.030 ug/ml
10) T Anthracene (C19.43)	10.726	9156862	53.754 ug/ml
12) T Fluoranthene (C21.85)	12.456	9037155	48.916 ug/ml
13) T Pyrene (C20.8)	12.751	8949243	50.108 ug/ml
14) T Benzo[a]anthracene (C...	14.615	8176185	52.221 ug/ml
15) T Chrysene (C27.41)	14.660	8082523	48.990 ug/ml
16) T benzo[b]fluoranthene ...	16.159	8187176	54.095 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	7939510	51.282 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	7249794	49.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	7613251	51.980 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	7561462	50.404 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	7742966	52.475 ug/ml

(f)=RT Delta > 1/2 Window

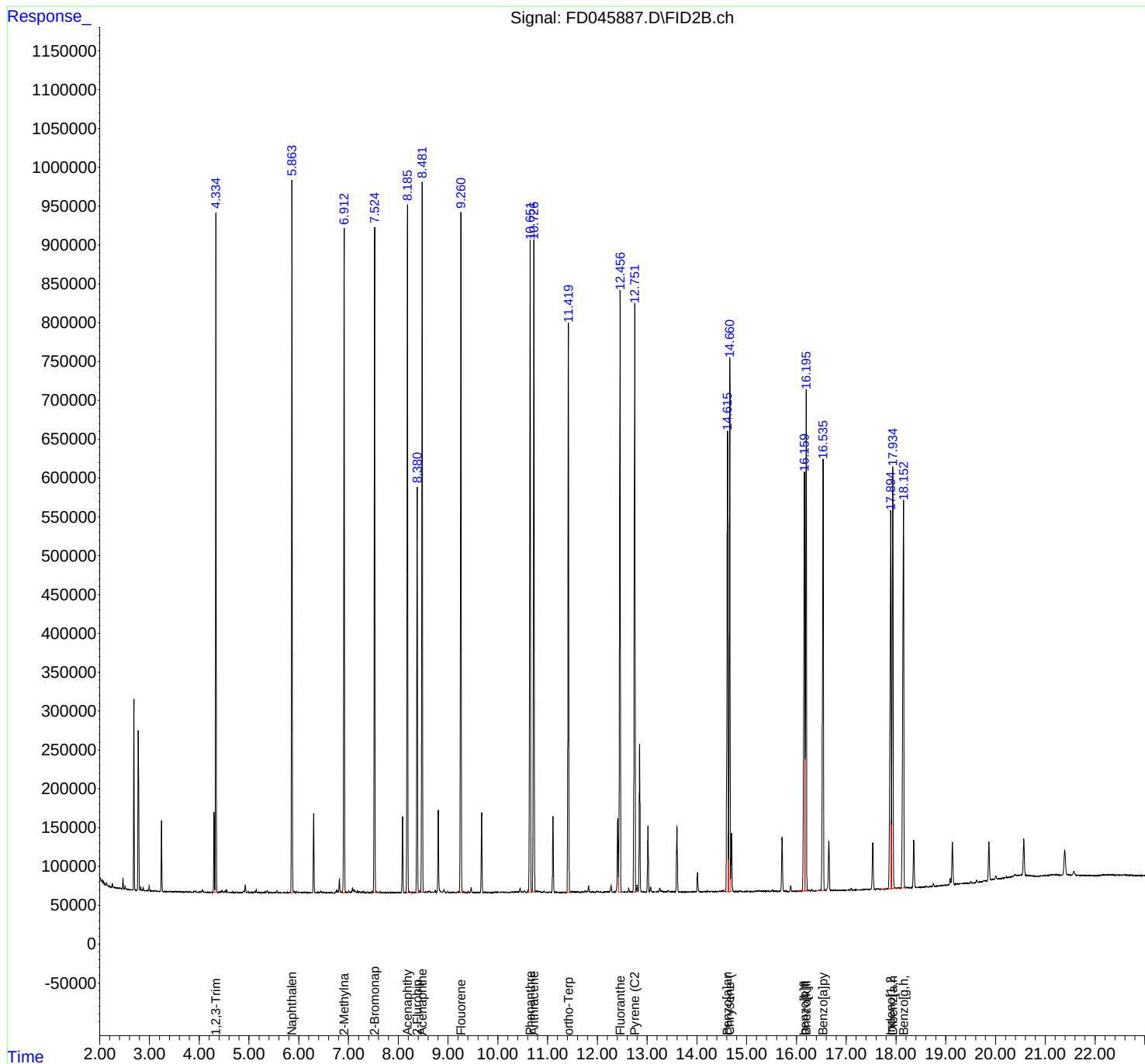
(m)=manual int.

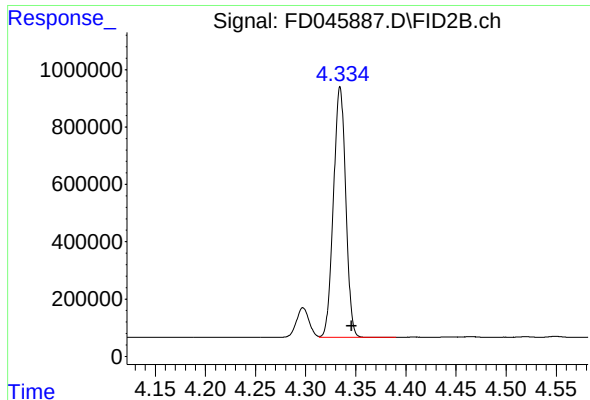
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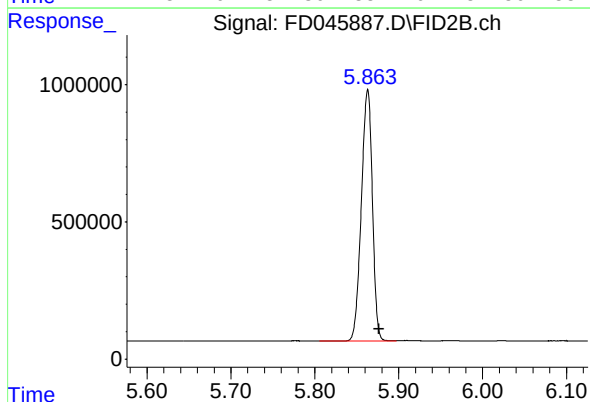




#1 1,2,3-Trimethylbenzene (C10.1)

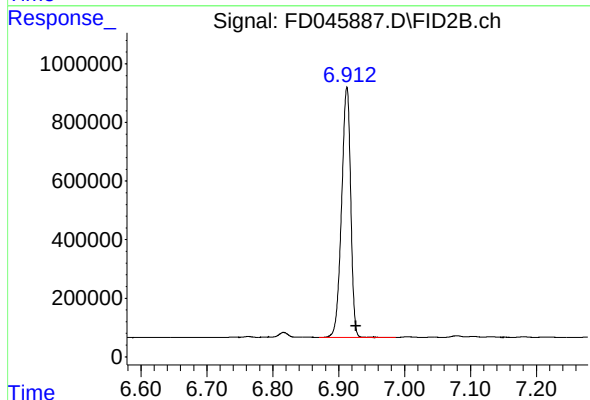
R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 7479831
Conc: 37.05 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153545BSD



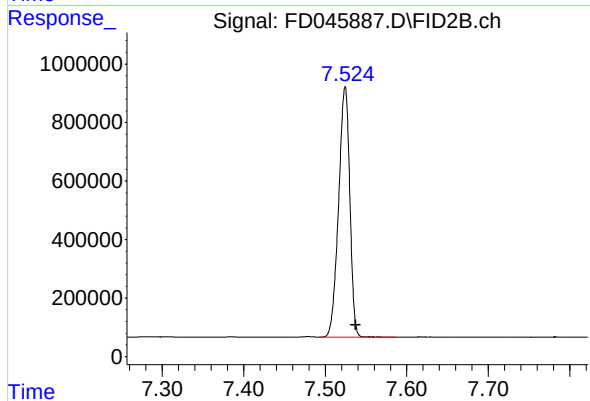
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 8374364
Conc: 39.52 ug/ml



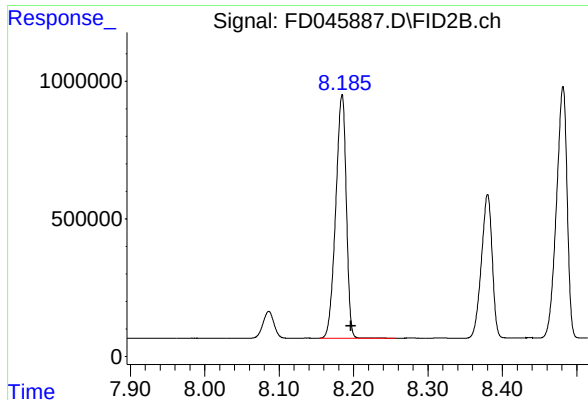
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 8222025
Conc: 38.93 ug/ml



#4 2-Bromonaphthalene (SURR)

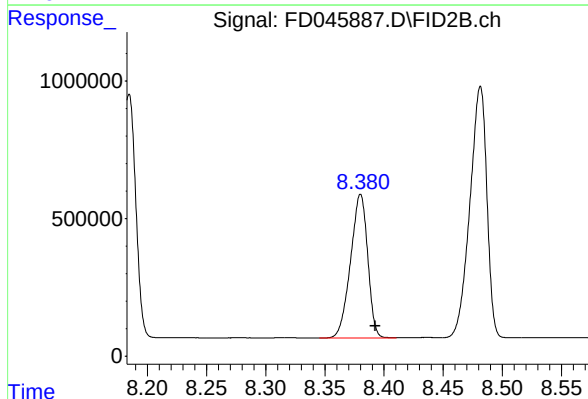
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8186774
Conc: 45.41 ug/ml



#5 Acenaphthylene (C15.06)

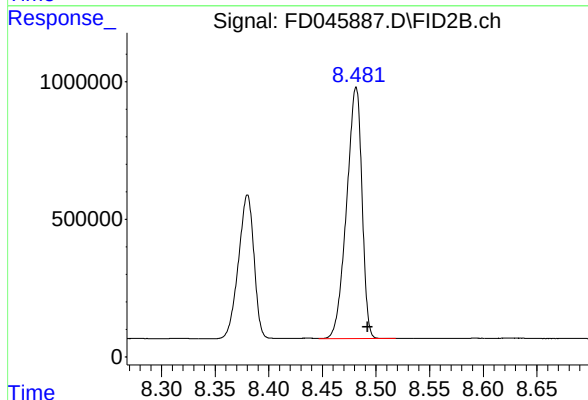
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 8730270
Conc: 46.08 ug/ml

Instrument :
FID_D
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PB153545BSD



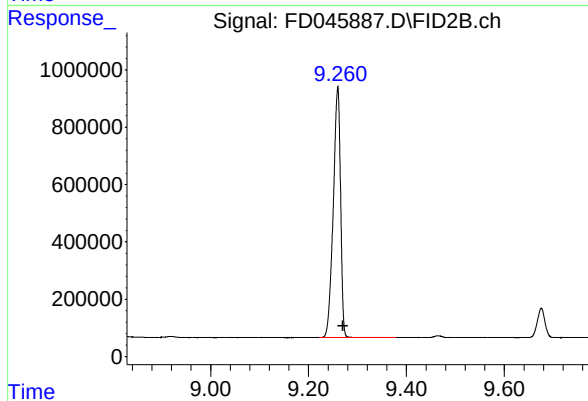
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 5269374
Conc: 43.83 ug/ml



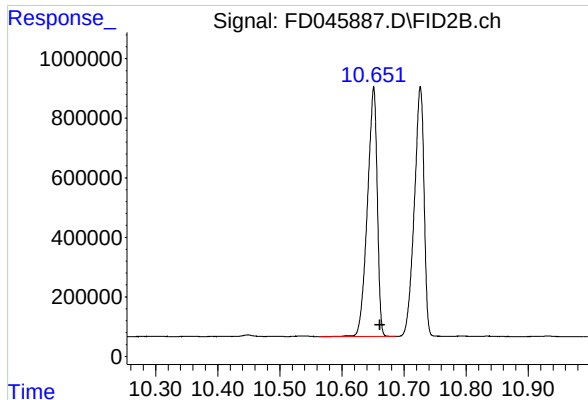
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 9125243
Conc: 45.13 ug/ml



#8 Flouorene (C16.55)

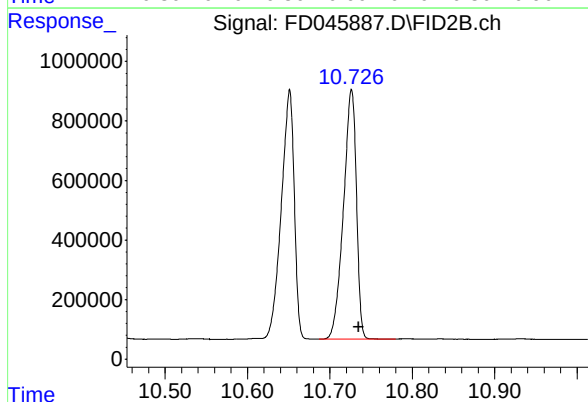
R.T.: 9.259 min
Delta R.T.: -0.011 min
Response: 9069077
Conc: 45.77 ug/ml



#9 Phenanthrene (C19.36)

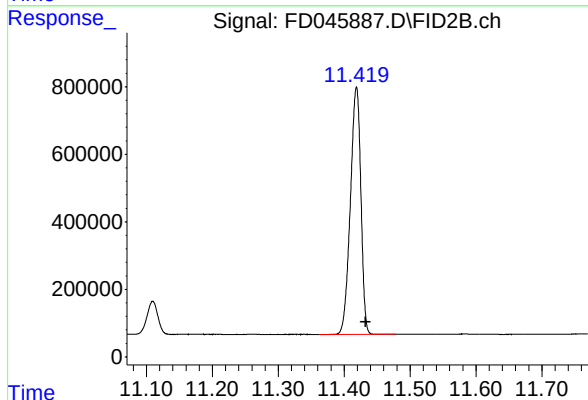
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 9188733
Conc: 48.03 ug/ml

Instrument :
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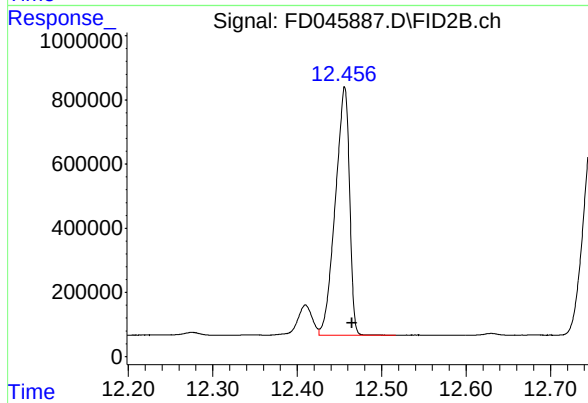
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.009 min
Response: 9156862
Conc: 53.75 ug/ml



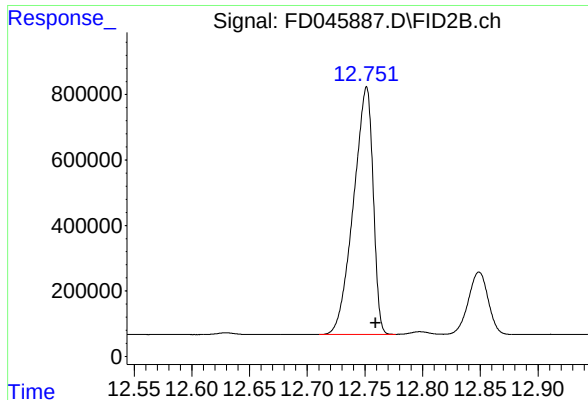
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 8114132
Conc: 36.33 ug/ml



#12 Fluoranthene (C21.85)

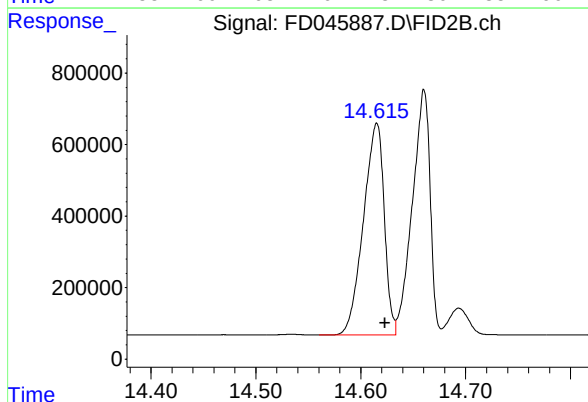
R.T.: 12.456 min
Delta R.T.: -0.009 min
Response: 9037155
Conc: 48.92 ug/ml



#13 Pyrene (C20.8)

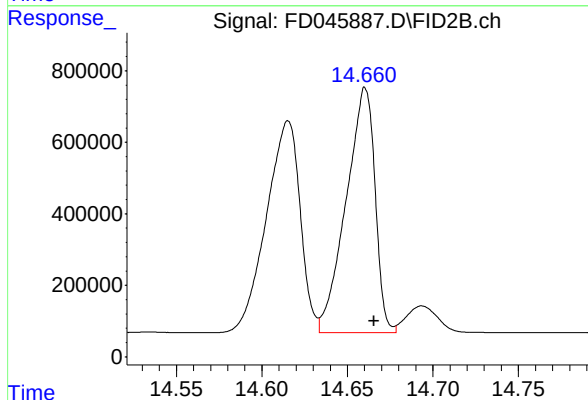
R.T.: 12.751 min
Delta R.T.: -0.009 min
Response: 8949243
Conc: 50.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153545BSD



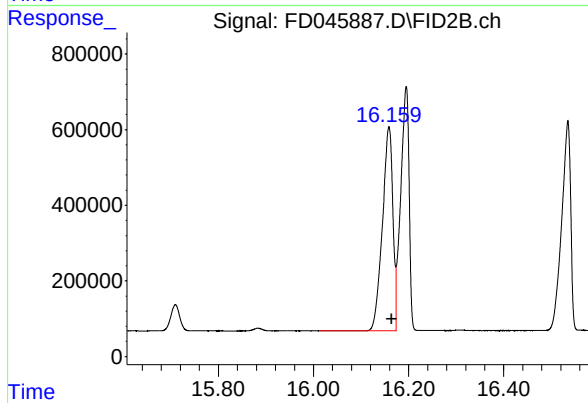
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 8176185
Conc: 52.22 ug/ml



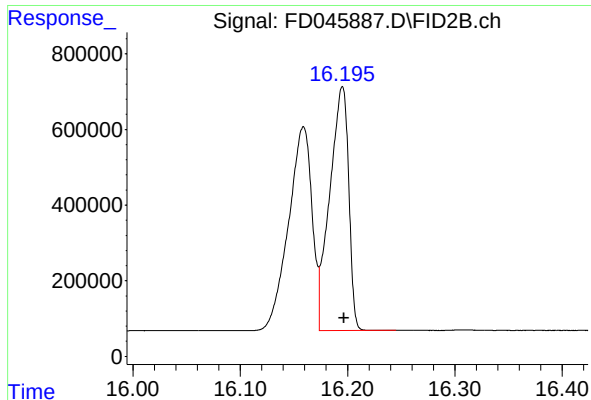
#15 Chrysene (C27.41)

R.T.: 14.660 min
Delta R.T.: -0.006 min
Response: 8082523
Conc: 48.99 ug/ml



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

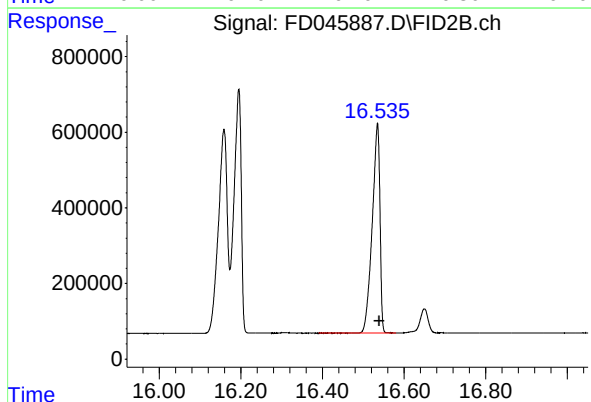
R.T.: 16.159 min
Delta R.T.: -0.006 min
Response: 8187176
Conc: 54.10 ug/ml



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

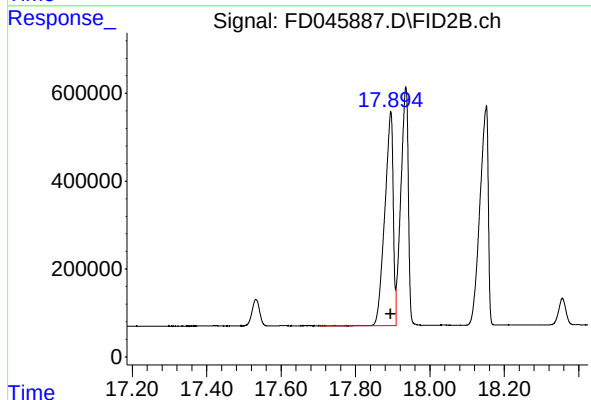
R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 7939510
Conc: 51.28 ug/ml

Instrument :
FID_D
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PB153545BSD



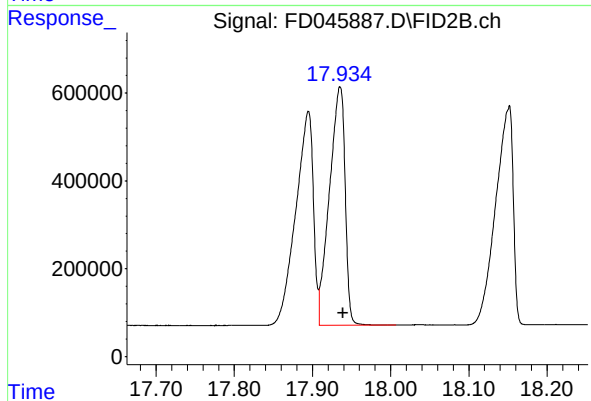
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: -0.005 min
Response: 7249794
Conc: 49.58 ug/ml



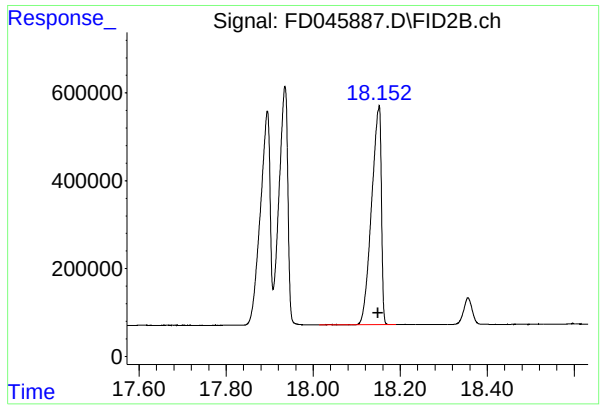
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.000 min
Response: 7613251
Conc: 51.98 ug/ml



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

R.T.: 17.935 min
Delta R.T.: -0.004 min
Response: 7561462
Conc: 50.40 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 7742966
Conc: 52.48 ug/ml

Instrument :

FID_D

ClientSampleId :

PB153545BSD