

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044791.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 20:19
 Operator : YP/AJ
 Sample : PB150237BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 16 03:12:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.663	7158779	49.643 ug/ml
Spiked Amount 50.000		Recovery =	99.29%
6) S 2-Fluorobiphenyl (SURR)	8.520	4729716	48.724 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.45%
11) S ortho-Terphenyl (SURR)	11.548	7471788	41.471 ug/ml
Spiked Amount 50.000		Recovery =	82.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	5053371	31.408 ug/ml
2) T Naphthalene (C11.7)	6.011	6808071	40.562 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	6374317	37.911 ug/ml
5) T Acenaphthylene (C15.06)	8.325	7577000	49.956 ug/ml
7) T Acenaphthene (C15.5)	8.620	6754390	41.666 ug/ml
8) T Flouorene (C16.55)	9.395	7604398	47.713 ug/ml
9) T Phenanthrene (C19.36)	10.785	8242402	52.521 ug/ml
10) T Anthracene (C19.43)	10.860	8059596	64.092 ug/ml
12) T Fluoranthene (C21.85)	12.587	8696689	55.381 ug/ml
13) T Pyrene (C20.8)	12.882	8405048	54.905 ug/ml
14) T Benzo[a]anthracene (C...	14.743	8661096	60.913 ug/ml
15) T Chrysene (C27.41)	14.788	8955478	59.058 ug/ml
16) T benzo[b]fluoranthene ...	16.286	8787200	58.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	8168586	53.917 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	7523971	51.859 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	6828156	48.285 ug/ml
20) T Dibenz[a,h]anthracene...	18.058	7234000	49.349 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	6670191	46.954 ug/ml

(f)=RT Delta > 1/2 Window

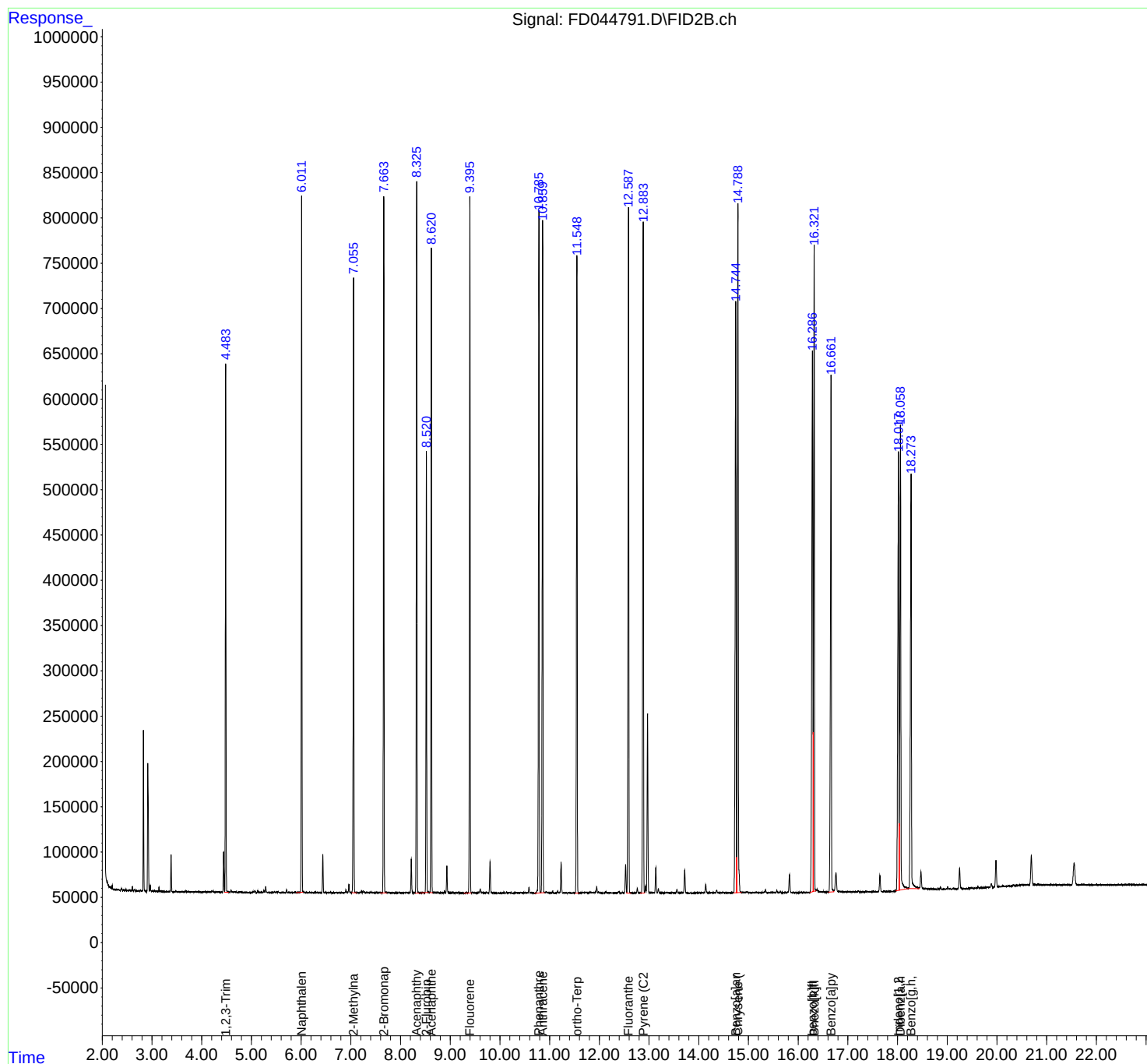
(m)=manual int.

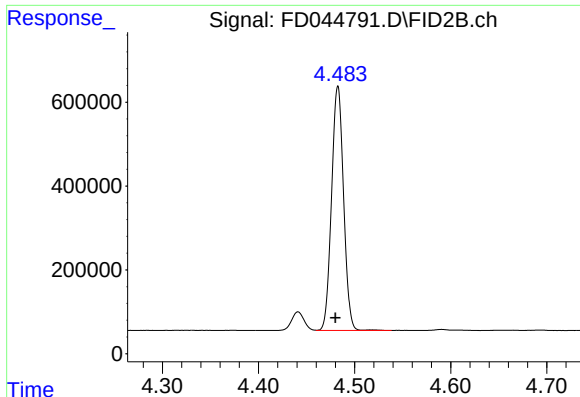
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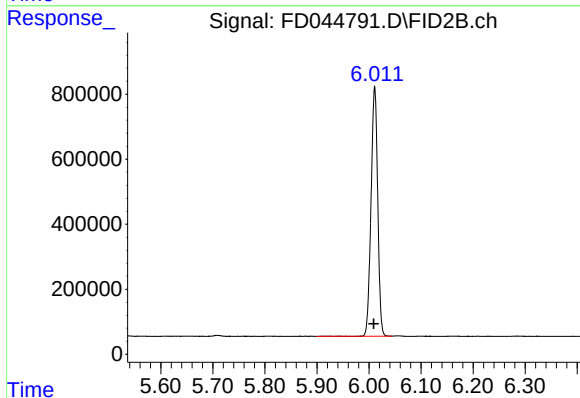




#1 1,2,3-Trimethylbenzene (C10.1)

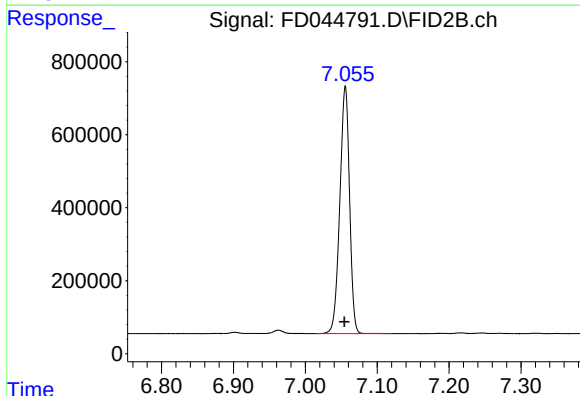
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 5053371
Conc: 31.41 ug/ml

Instrument :
FID_D
ClientSampleId :



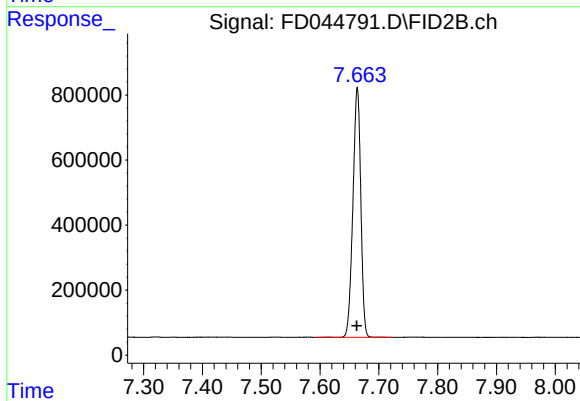
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 6808071
Conc: 40.56 ug/ml



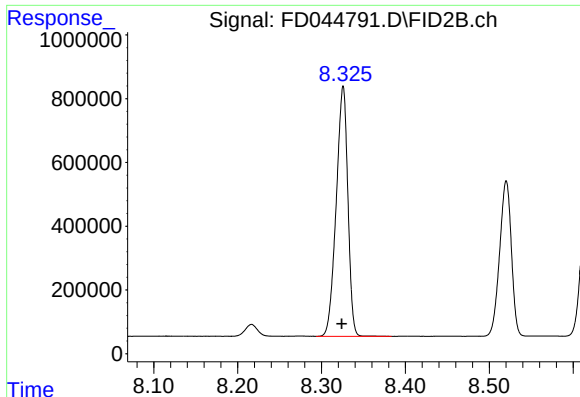
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 6374317
Conc: 37.91 ug/ml



#4 2-Bromonaphthalene (SURR)

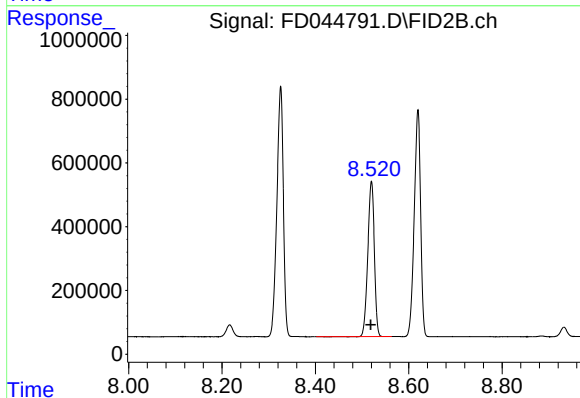
R.T.: 7.663 min
Delta R.T.: 0.001 min
Response: 7158779
Conc: 49.64 ug/ml



#5 Acenaphthylene (C15.06)

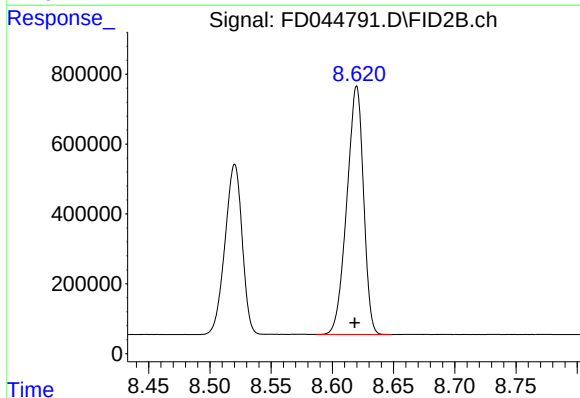
R.T.: 8.325 min
Delta R.T.: 0.001 min
Response: 7577000
Conc: 49.96 ug/ml

Instrument :
FID_D
ClientSampleId :



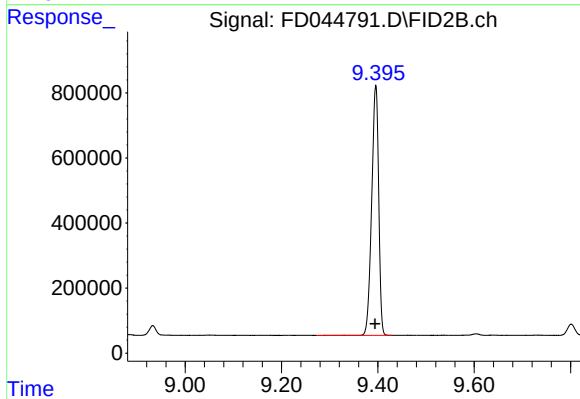
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: 0.001 min
Response: 4729716
Conc: 48.72 ug/ml



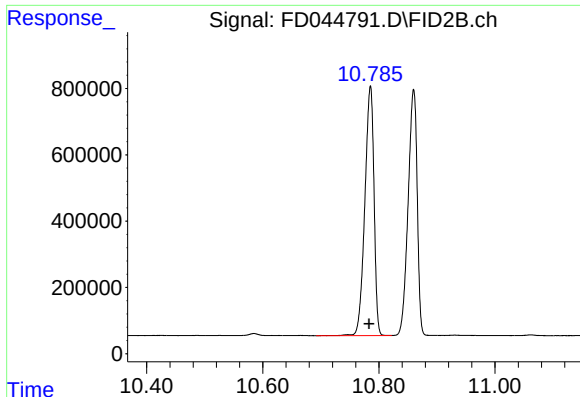
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: 0.001 min
Response: 6754390
Conc: 41.67 ug/ml



#8 Fluorene (C16.55)

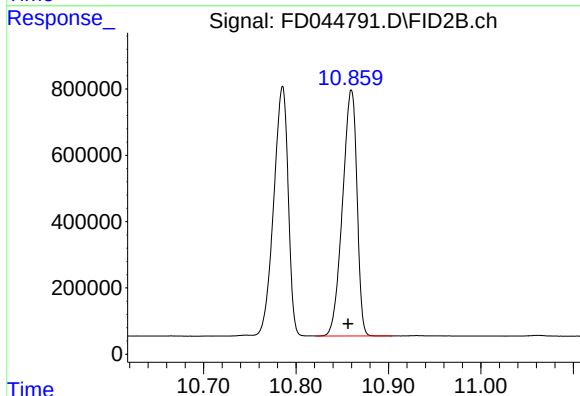
R.T.: 9.395 min
Delta R.T.: 0.001 min
Response: 7604398
Conc: 47.71 ug/ml



#9 Phenanthrene (C19.36)

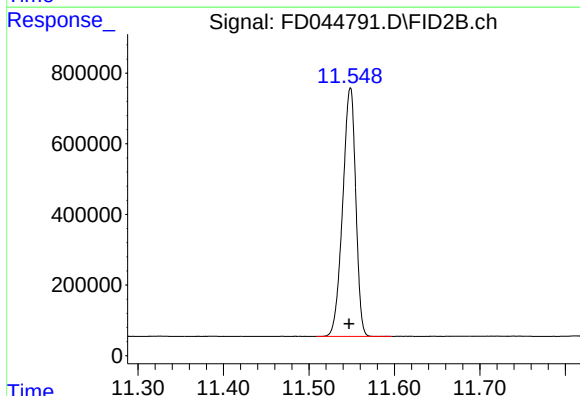
R.T.: 10.785 min
Delta R.T.: 0.002 min
Response: 8242402
Conc: 52.52 ug/ml

Instrument :
FID_D
ClientSampleId :



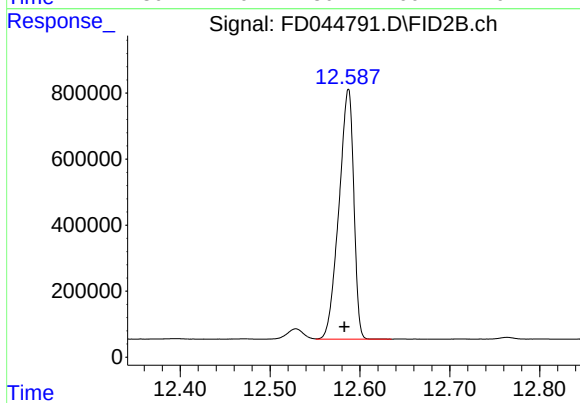
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.003 min
Response: 8059596
Conc: 64.09 ug/ml



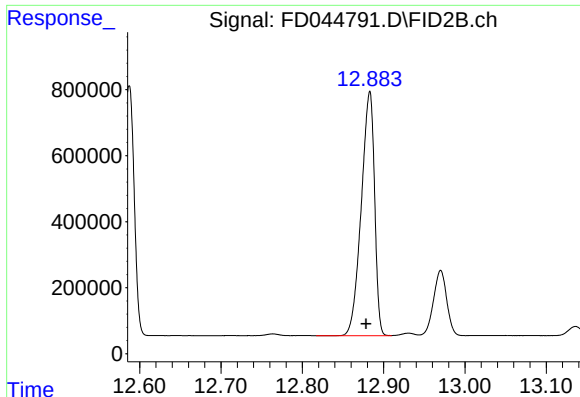
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.001 min
Response: 7471788
Conc: 41.47 ug/ml



#12 Fluoranthene (C21.85)

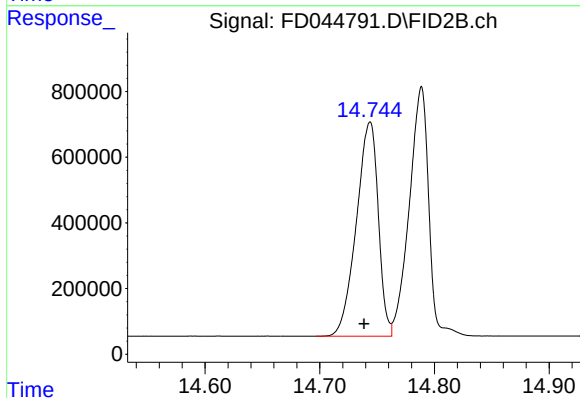
R.T.: 12.587 min
Delta R.T.: 0.004 min
Response: 8696689
Conc: 55.38 ug/ml



#13 Pyrene (C20.8)

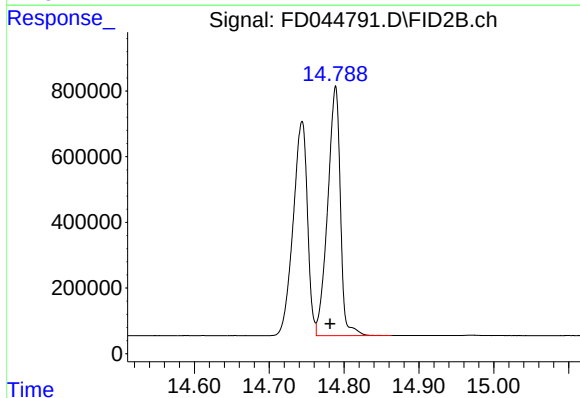
R.T.: 12.882 min
Delta R.T.: 0.004 min
Response: 8405048
Conc: 54.91 ug/ml

Instrument :
FID_D
ClientSampleId :



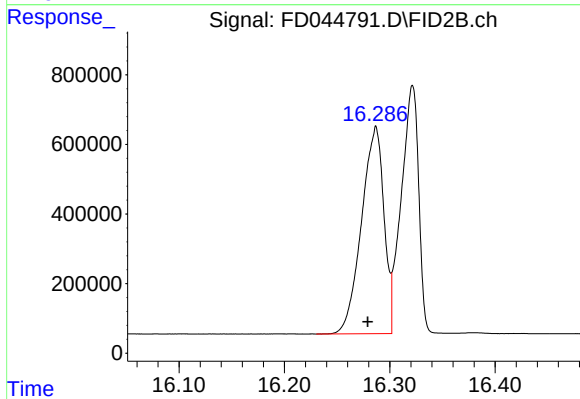
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.005 min
Response: 8661096
Conc: 60.91 ug/ml



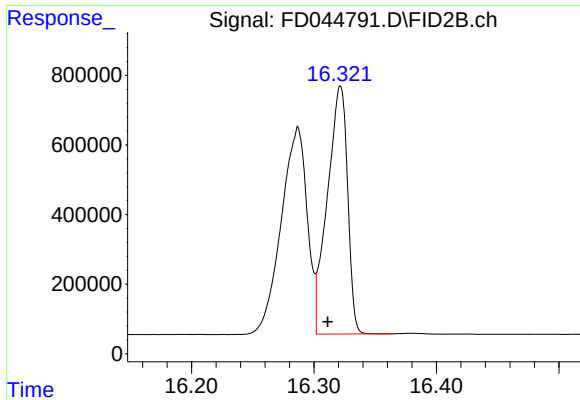
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: 0.007 min
Response: 8955478
Conc: 59.06 ug/ml



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

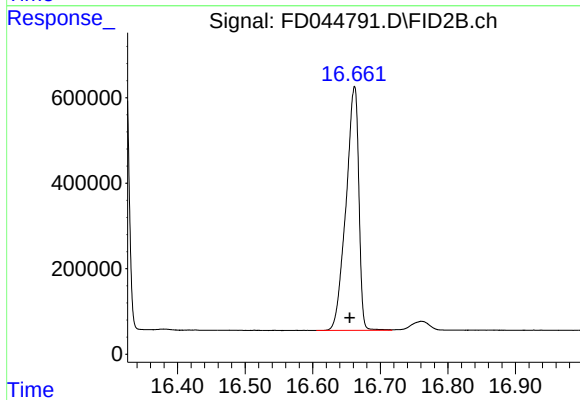
R.T.: 16.286 min
Delta R.T.: 0.007 min
Response: 8787200
Conc: 58.43 ug/ml



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

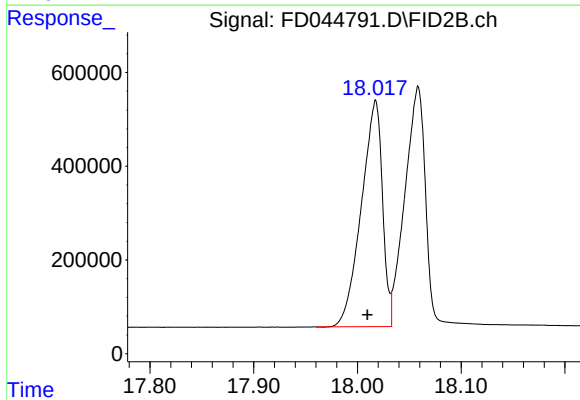
R.T.: 16.321 min
Delta R.T.: 0.010 min
Response: 8168586
Conc: 53.92 ug/ml

Instrument :
FID_D
ClientSampleId :



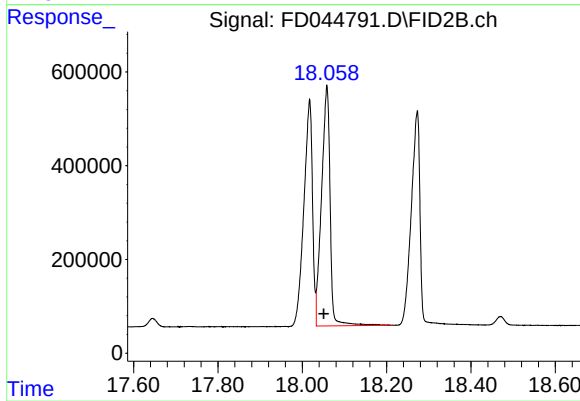
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: 0.006 min
Response: 7523971
Conc: 51.86 ug/ml



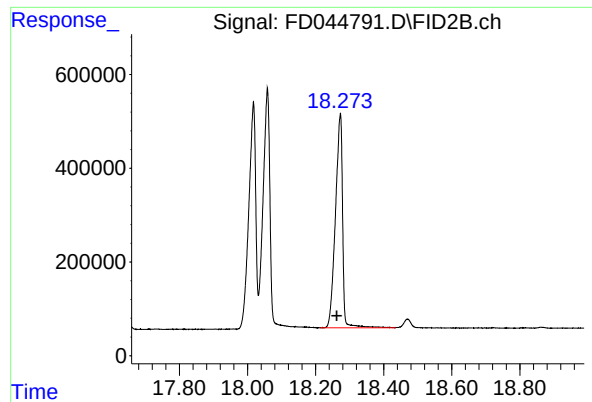
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: 0.007 min
Response: 6828156
Conc: 48.28 ug/ml



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

R.T.: 18.058 min
Delta R.T.: 0.007 min
Response: 7234000
Conc: 49.35 ug/ml



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

R.T.: 18.272 min
Delta R.T.: 0.010 min
Response: 6670191
Conc: 46.95 ug/ml

Instrument :

FID_D

ClientSampleId :