

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049398.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 17:20
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 27 02:55:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 02:53:01 2025
 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...	7.736	751932	4.423 ug/ml
Spiked Amount 50.000		Recovery =	8.85%
6) S 2-Fluorobiphenyl (SURR)	8.601	511438	4.364 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.73%
11) S ortho-Terphenyl (SURR)	11.646	928471	4.498 ug/ml
Spiked Amount 50.000		Recovery =	9.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	731050	4.487 ug/ml
2) T Naphthalene (C11.7)	6.072	796108	4.443 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	805249	4.418 ug/ml
5) T Acenaphthylene (C15.06)	8.404	884797	4.463 ug/ml
7) T Acenaphthene (C15.5)	8.700	867919	4.459 ug/ml
8) T Flouorene (C16.55)	9.481	885007	4.411 ug/ml
9) T Phenanthrene (C19.36)	10.879	854323	4.360 ug/ml
10) T Anthracene (C19.43)	10.953	775977	4.313 ug/ml
12) T Fluoranthene (C21.85)	12.692	807720	4.327 ug/ml
13) T Pyrene (C20.8)	12.990	802430	4.349 ug/ml
14) T Benzo[a]anthracene (C...	14.861	670532	4.274 ug/ml
15) T Chrysene (C27.41)	14.902	678367	4.327 ug/ml
16) T benzo[b]fluoranthene ...	16.411	665740	4.484 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	664555	4.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	635737	4.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	586320	4.496 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	654634	4.736 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	634832	4.592 ug/ml

(f)=RT Delta > 1/2 Window

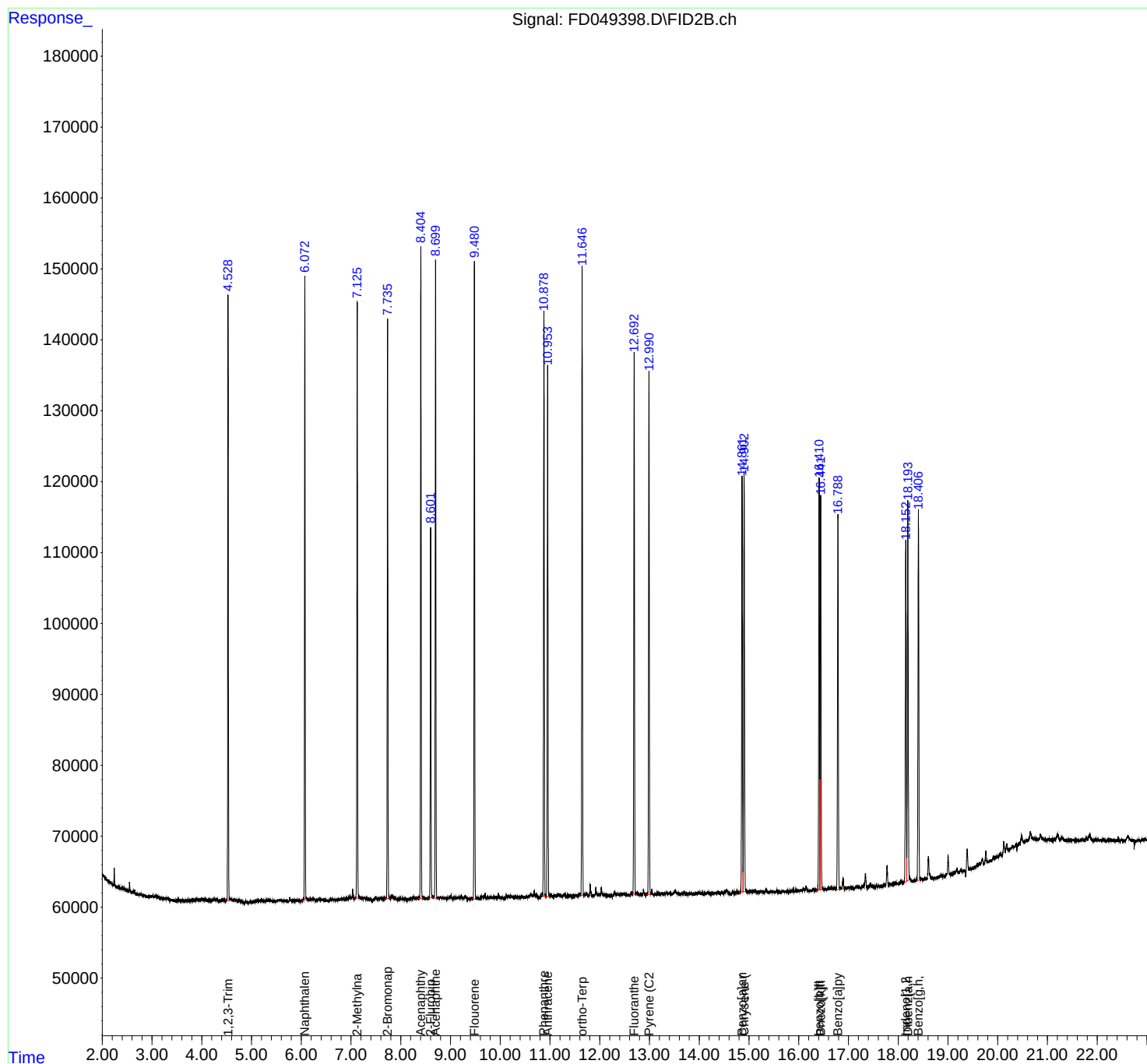
(m)=manual int.

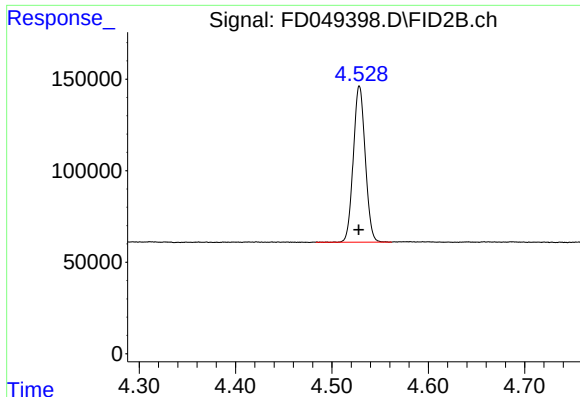
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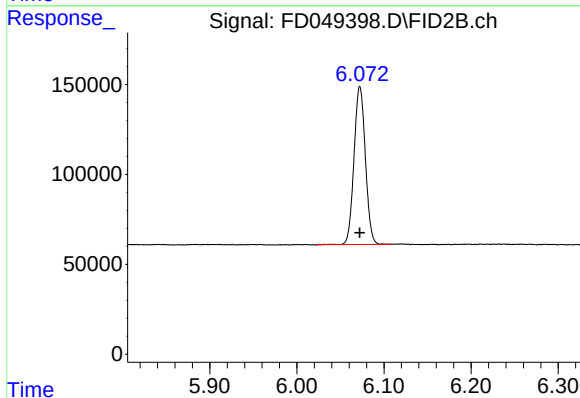




#1 1,2,3-Trimethylbenzene (C10.1)

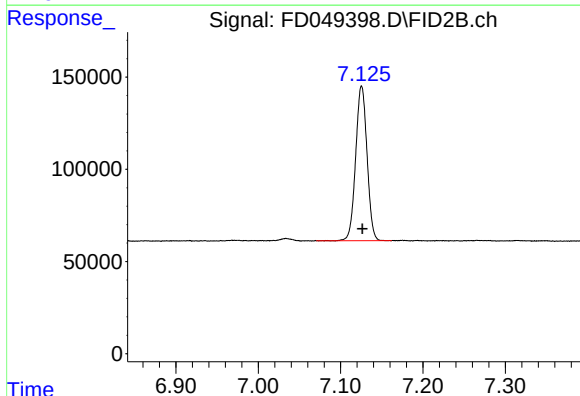
R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 731050
Conc: 4.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



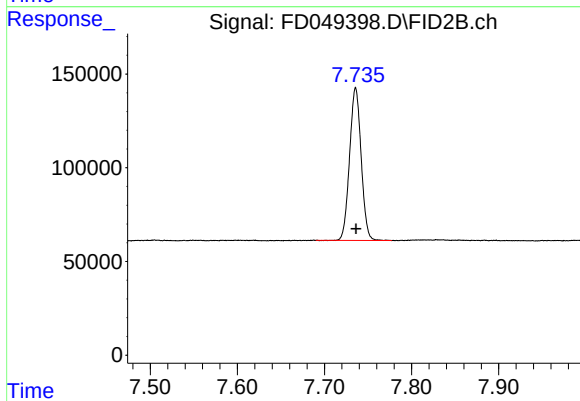
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 796108
Conc: 4.44 ug/ml



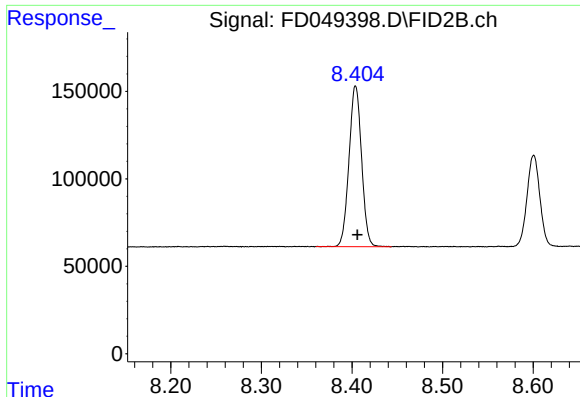
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.001 min
Response: 805249
Conc: 4.42 ug/ml



#4 2-Bromonaphthalene (SURR)

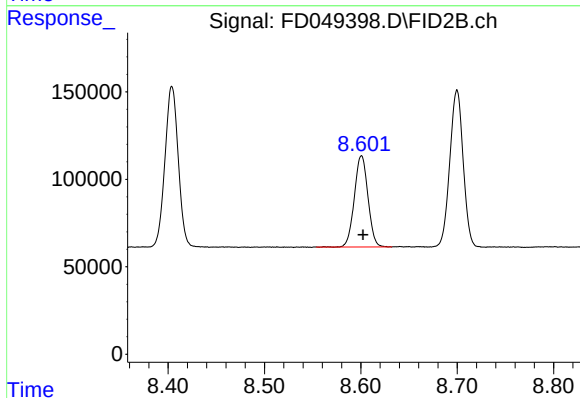
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 751932
Conc: 4.42 ug/ml



#5 Acenaphthylene (C15.06)

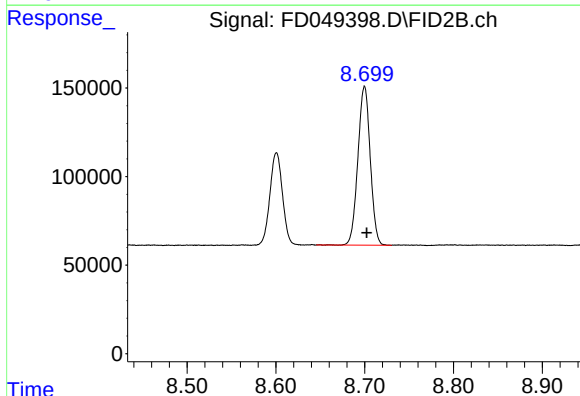
R.T.: 8.404 min
Delta R.T.: -0.002 min
Response: 884797
Conc: 4.46 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



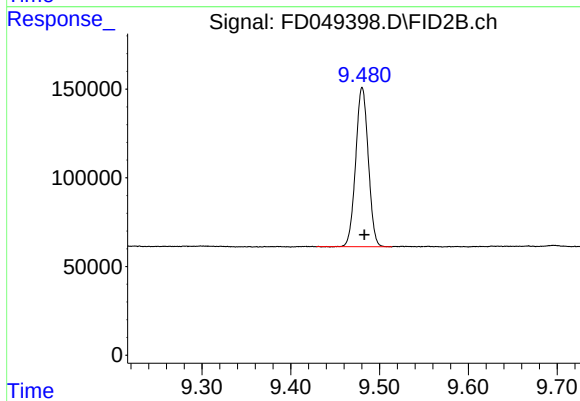
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: -0.002 min
Response: 511438
Conc: 4.36 ug/ml



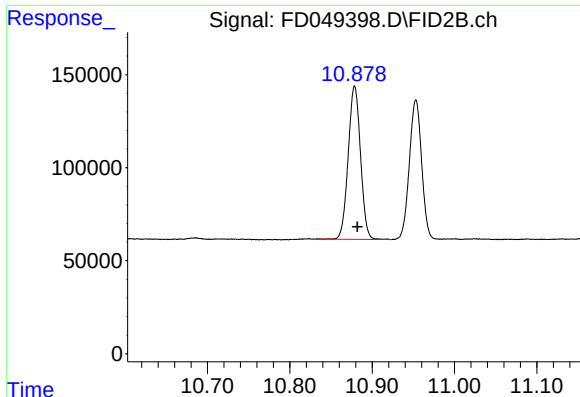
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 867919
Conc: 4.46 ug/ml



#8 Fluorene (C16.55)

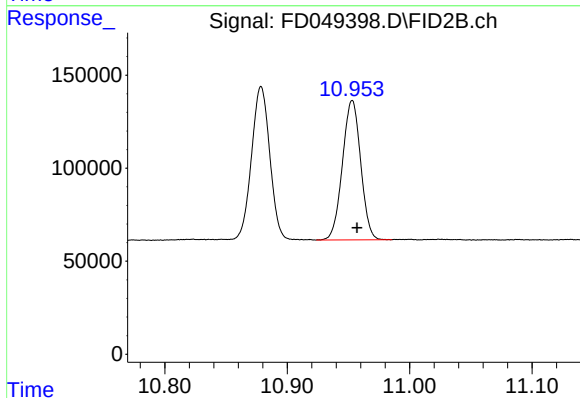
R.T.: 9.481 min
Delta R.T.: -0.003 min
Response: 885007
Conc: 4.41 ug/ml



#9 Phenanthrene (C19.36)

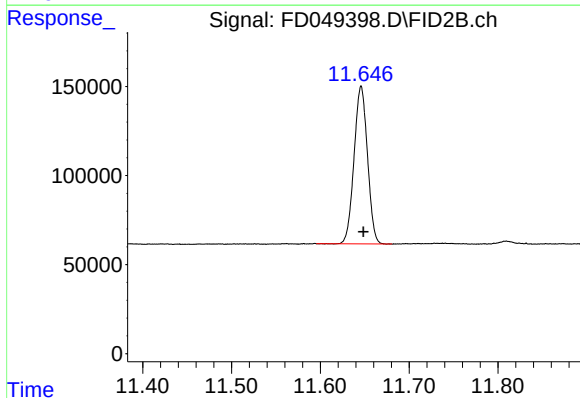
R.T.: 10.879 min
Delta R.T.: -0.004 min
Response: 854323
Conc: 4.36 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



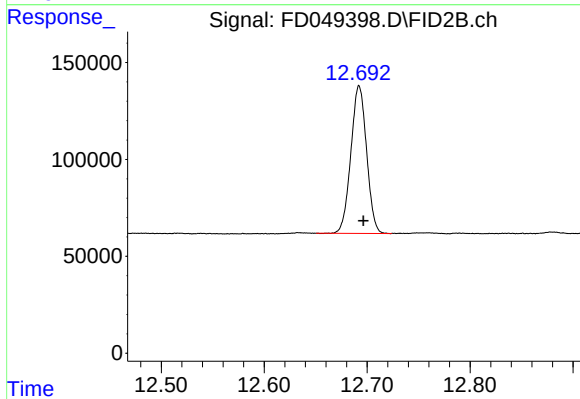
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.004 min
Response: 775977
Conc: 4.31 ug/ml



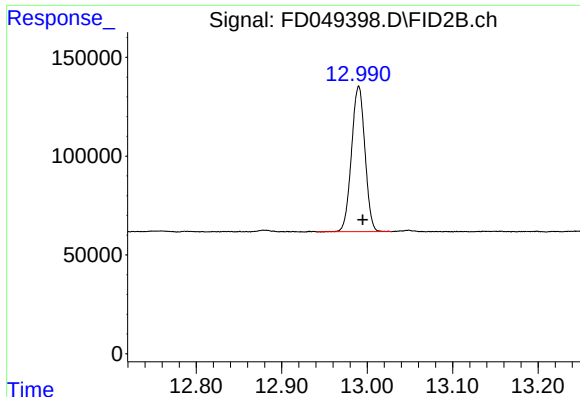
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.002 min
Response: 928471
Conc: 4.50 ug/ml



#12 Fluoranthene (C21.85)

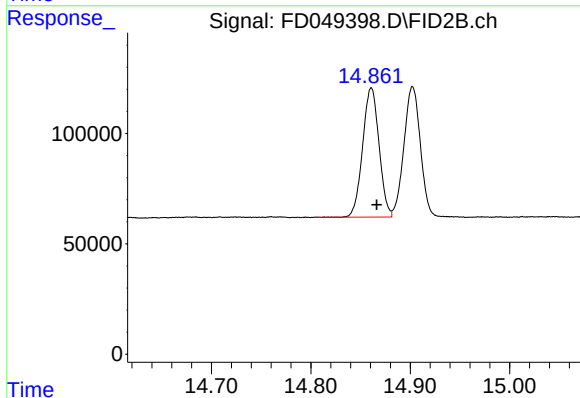
R.T.: 12.692 min
Delta R.T.: -0.004 min
Response: 807720
Conc: 4.33 ug/ml



#13 Pyrene (C20.8)

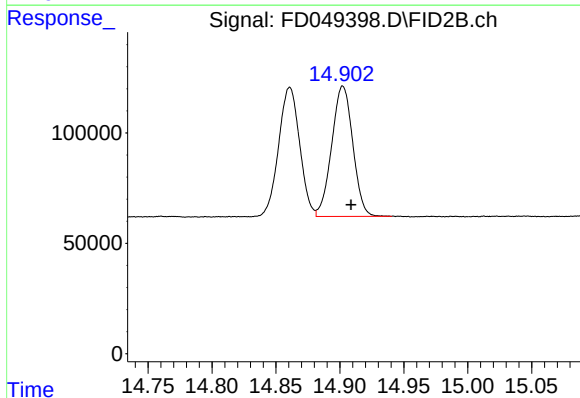
R.T.: 12.990 min
Delta R.T.: -0.005 min
Response: 802430
Conc: 4.35 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



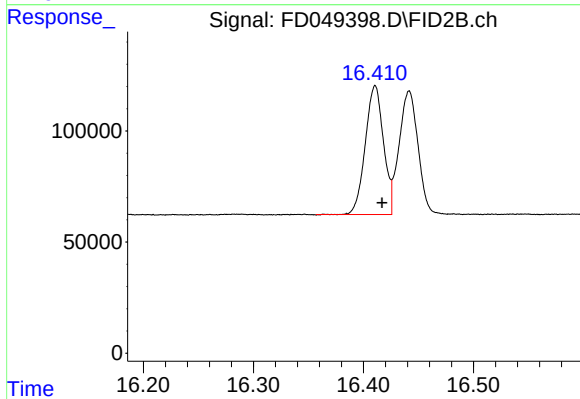
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: -0.005 min
Response: 670532
Conc: 4.27 ug/ml



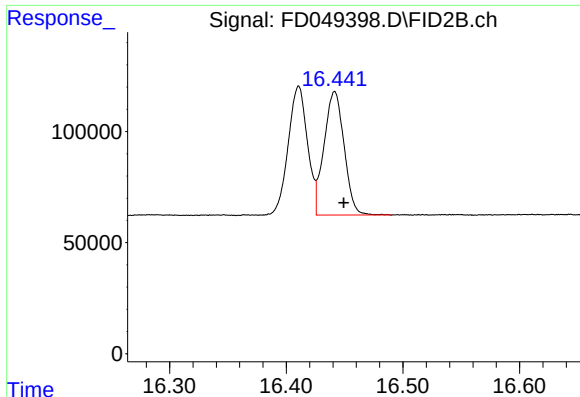
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.006 min
Response: 678367
Conc: 4.33 ug/ml



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

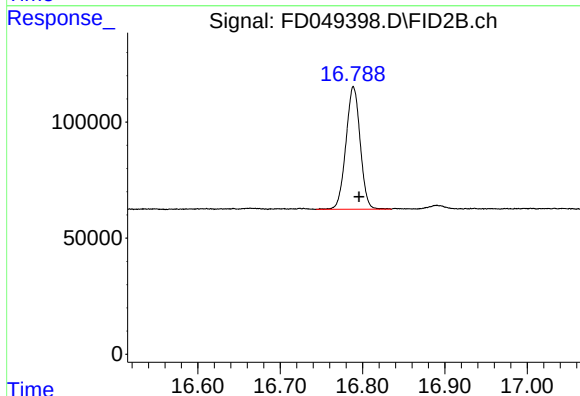
R.T.: 16.411 min
Delta R.T.: -0.006 min
Response: 665740
Conc: 4.48 ug/ml



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

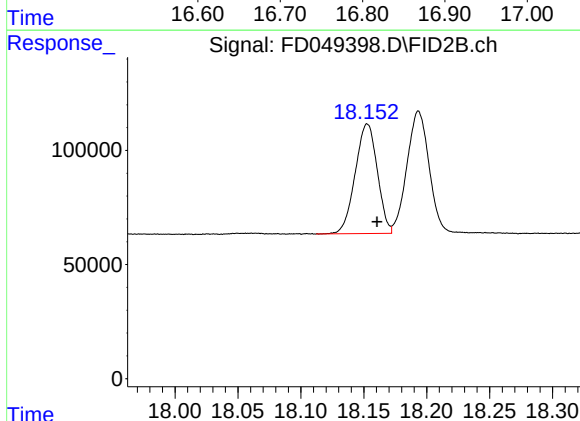
R.T.: 16.442 min
Delta R.T.: -0.008 min
Response: 664555
Conc: 4.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



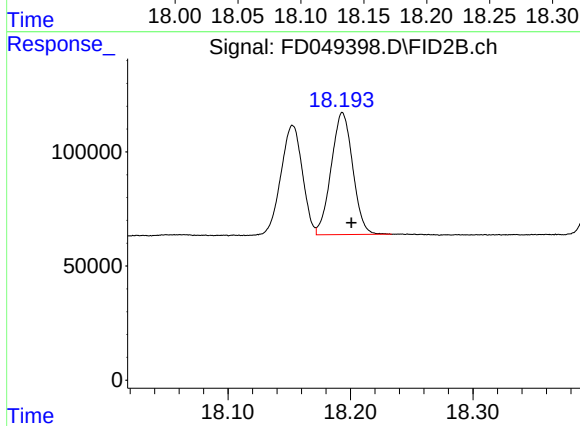
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 635737
Conc: 4.55 ug/ml



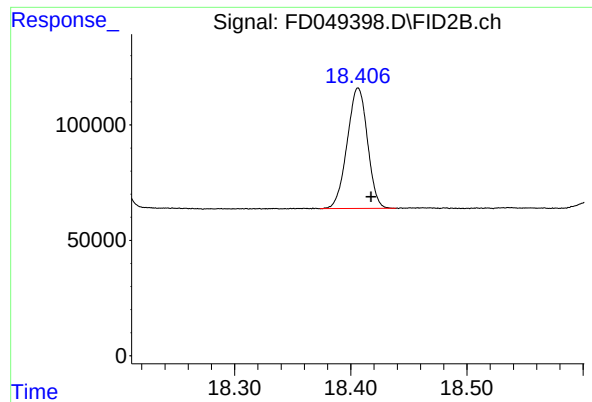
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.008 min
Response: 586320
Conc: 4.50 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 654634
Conc: 4.74 ug/ml



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

R.T.: 18.406 min
Delta R.T.: -0.011 min
Response: 634832
Conc: 4.59 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5