

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049496.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 14:45
 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: Jun 18 15:16:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:44:12 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...	7.735	645915	5.083 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
6) S 2-Fluorobiphenyl (SURR)	8.599	429350	4.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.59%
11) S ortho-Terphenyl (SURR)	11.643	807564	5.116 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	567765	4.861 ug/ml
2) T Naphthalene (C11.7)	6.073	645777	4.766 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	680113	4.769 ug/ml
5) T Acenaphthylene (C15.06)	8.403	815201	5.271 ug/ml
7) T Acenaphthene (C15.5)	8.698	729990	4.841 ug/ml
8) T Fluorene (C16.55)	9.478	761978	4.942 ug/ml
9) T Phenanthrene (C19.36)	10.876	794338	4.981 ug/ml
10) T Anthracene (C19.43)	10.950	771653	4.894 ug/ml
12) T Fluoranthene (C21.85)	12.689	788335	4.973 ug/ml
13) T Pyrene (C20.8)	12.987	789374	4.987 ug/ml
14) T Benzo[a]anthracene (C...	14.858	727599	4.913 ug/ml
15) T Chrysene (C27.41)	14.899	741535	4.969 ug/ml
16) T benzo[b]fluoranthene ...	16.407	695435	4.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	663769	4.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.786	682853	4.993 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	609479	4.973 ug/ml
20) T Dibenz[a,h]anthracene...	18.189	673629	5.329 ug/ml
21) T Benzo[g,h,i]perylene ...	18.402	636723	4.976 ug/ml

(f)=RT Delta > 1/2 Window

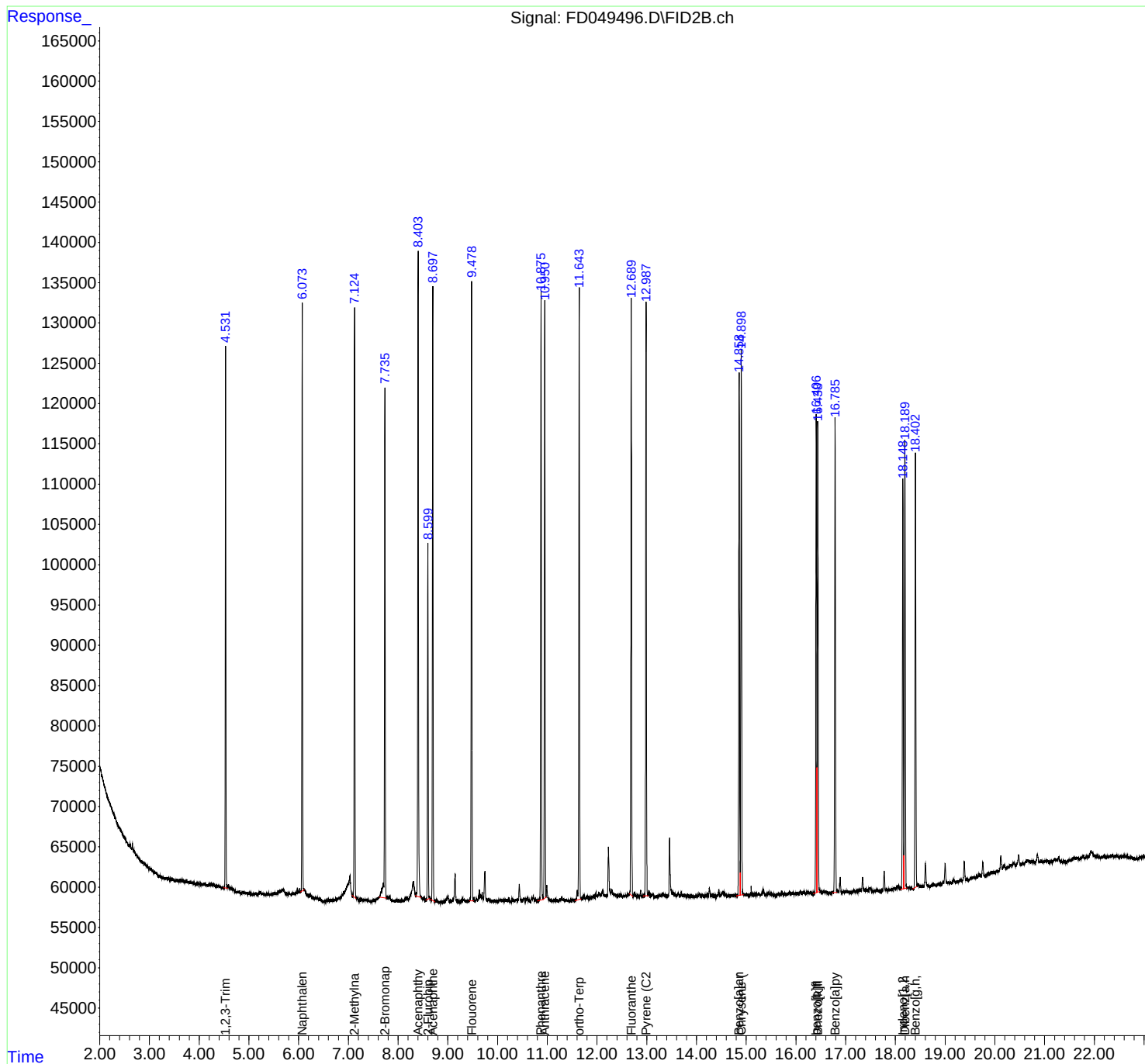
(m)=manual int.

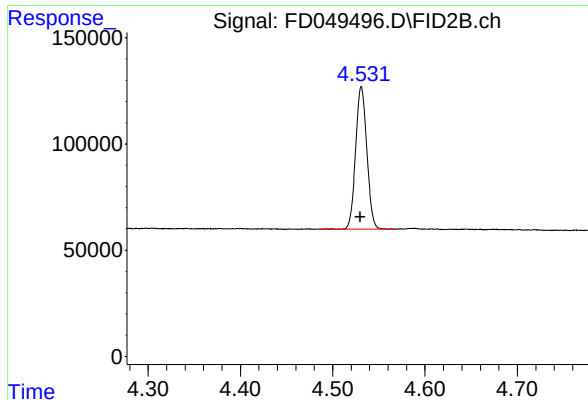
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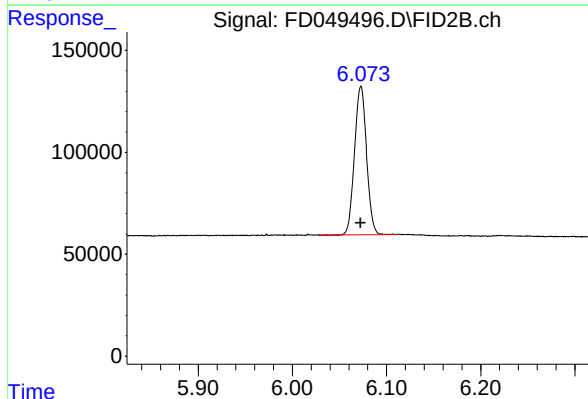




#1 1,2,3-Trimethylbenzene (C10.1)

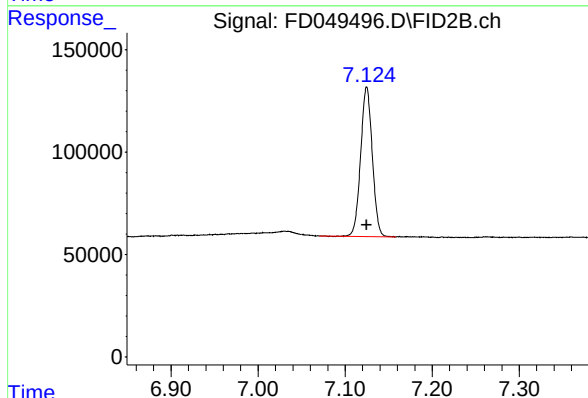
R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 567765
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



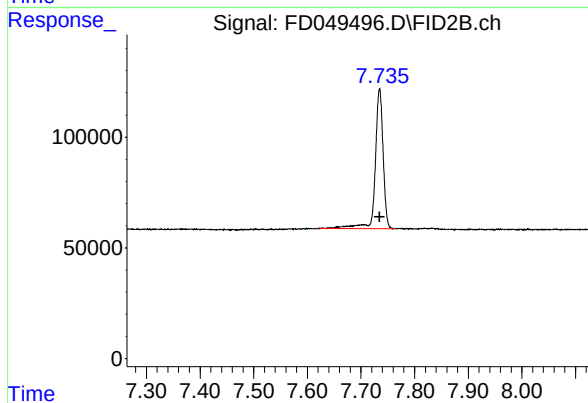
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 645777
Conc: 4.77 ug/ml



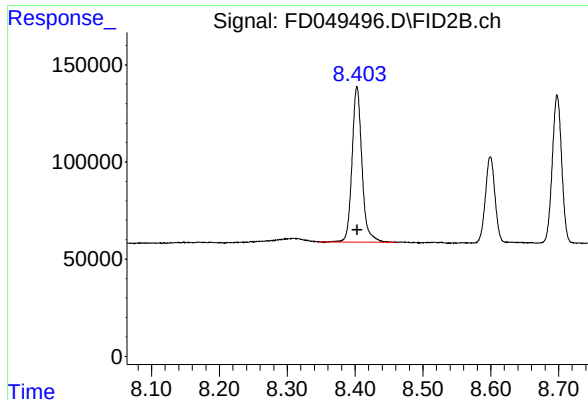
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 680113
Conc: 4.77 ug/ml



#4 2-Bromonaphthalene (SURR)

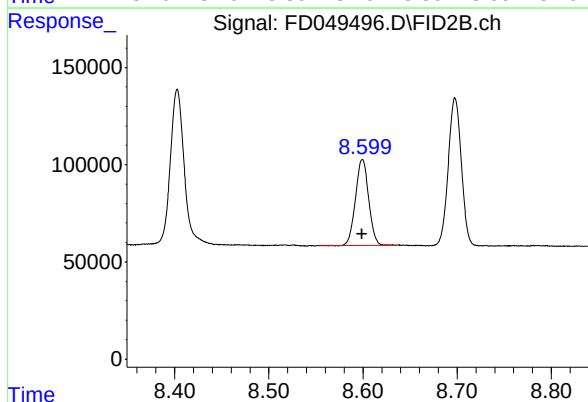
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 645915
Conc: 5.08 ug/ml



#5 Acenaphthylene (C15.06)

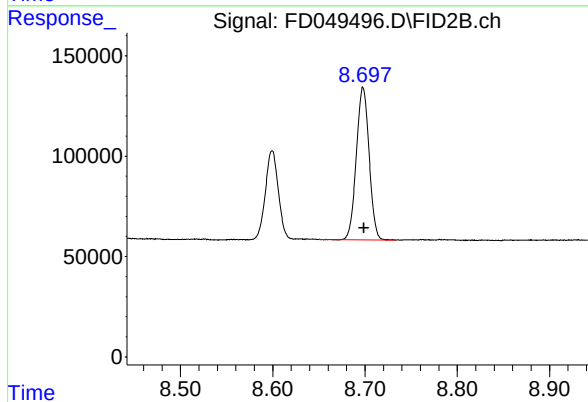
R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 815201
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



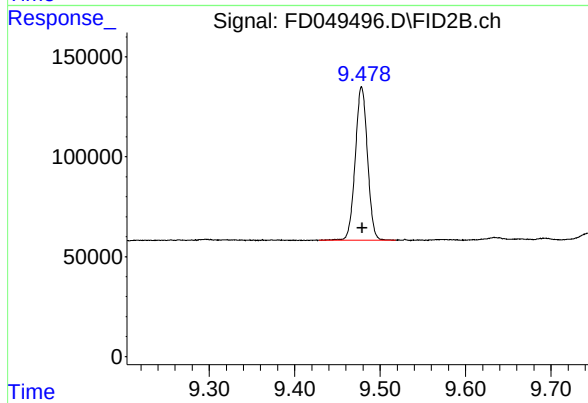
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 429350
Conc: 4.80 ug/ml



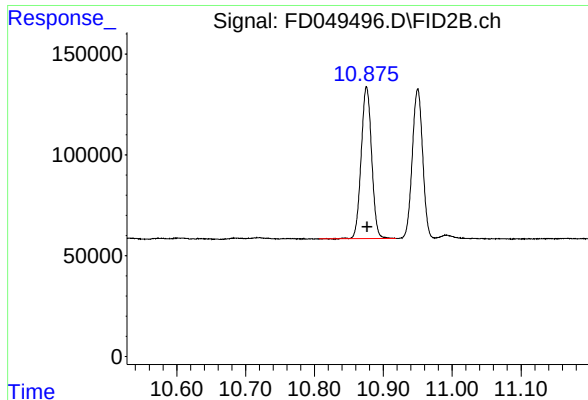
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 729990
Conc: 4.84 ug/ml



#8 Flouorene (C16.55)

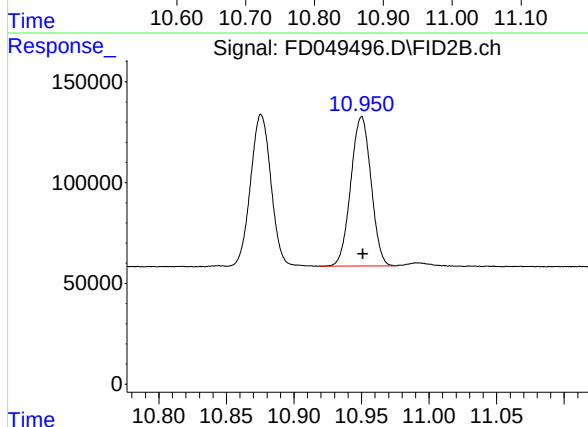
R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 761978
Conc: 4.94 ug/ml



#9 Phenanthrene (C19.36)

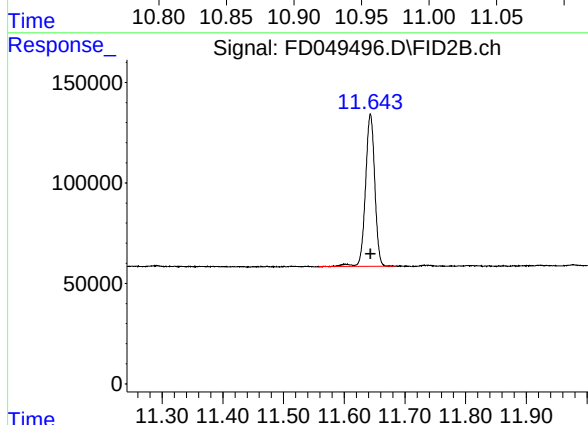
R.T.: 10.876 min
Delta R.T.: -0.001 min
Response: 794338
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



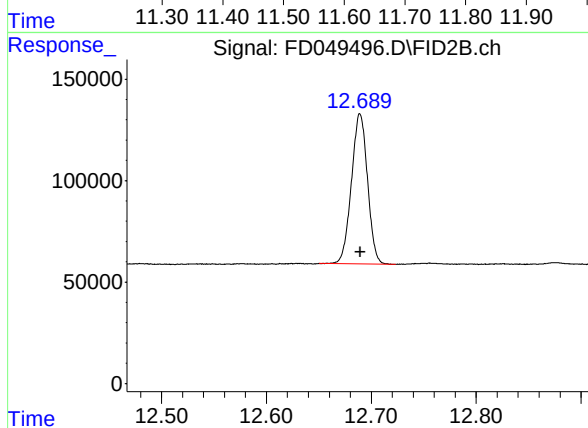
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.001 min
Response: 771653
Conc: 4.89 ug/ml



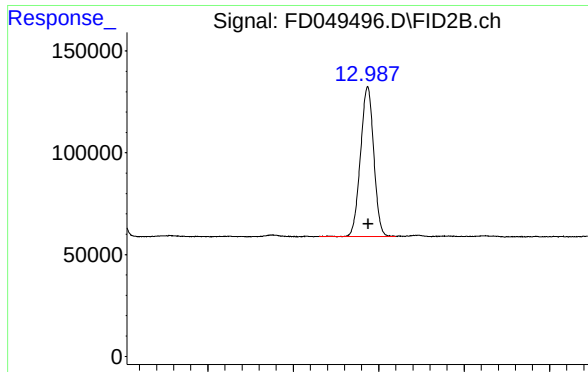
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 807564
Conc: 5.12 ug/ml



#12 Fluoranthene (C21.85)

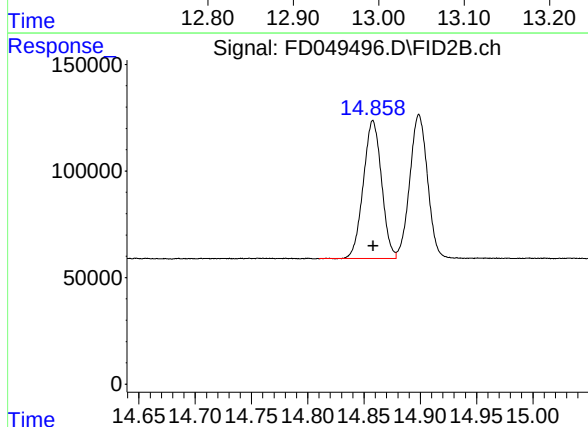
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 788335
Conc: 4.97 ug/ml



#13 Pyrene (C20.8)

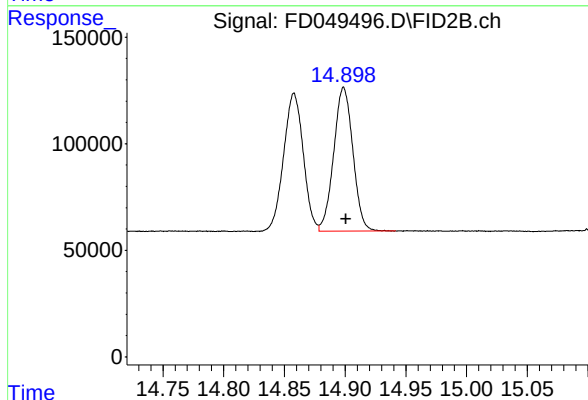
R.T.: 12.987 min
Delta R.T.: 0.000 min
Response: 789374
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



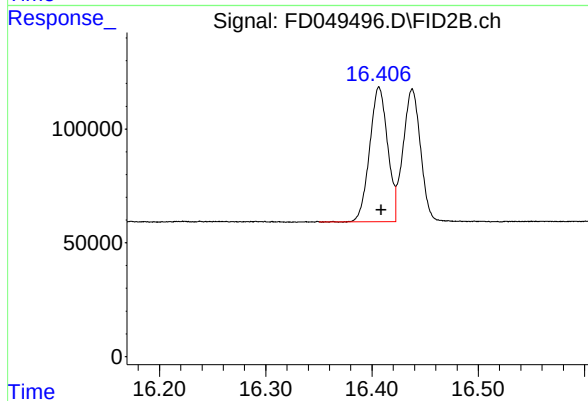
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 727599
Conc: 4.91 ug/ml



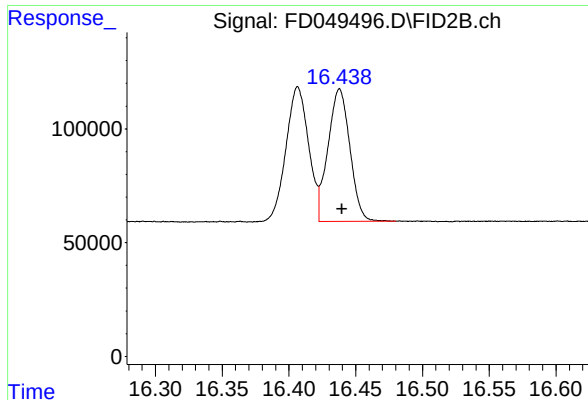
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: -0.002 min
Response: 741535
Conc: 4.97 ug/ml



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

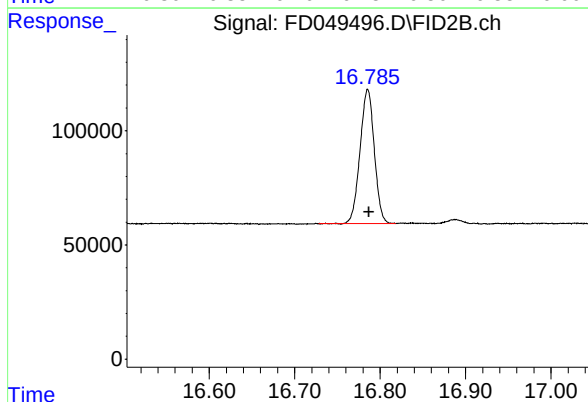
R.T.: 16.407 min
Delta R.T.: -0.002 min
Response: 695435
Conc: 4.94 ug/ml



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

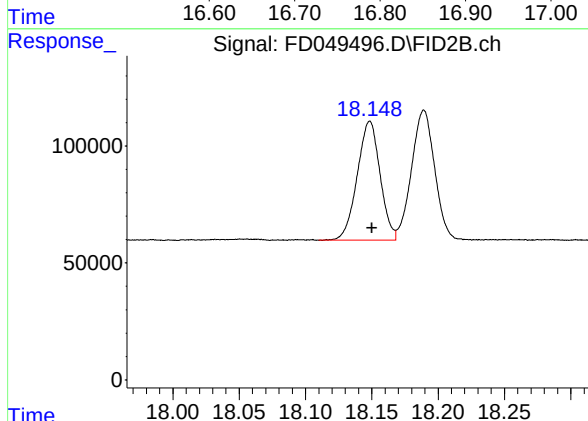
R.T.: 16.438 min
Delta R.T.: -0.002 min
Response: 663769
Conc: 5.00 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



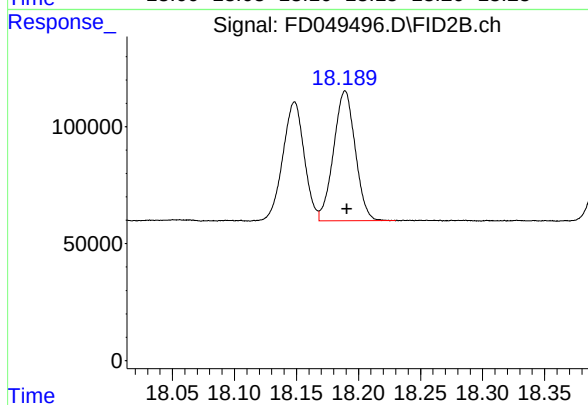
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.786 min
Delta R.T.: -0.002 min
Response: 682853
Conc: 4.99 ug/ml



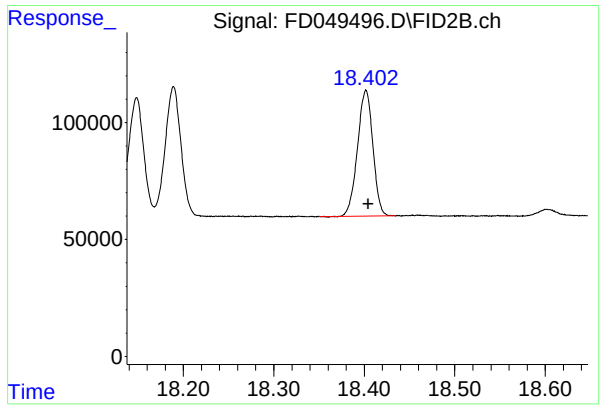
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: -0.002 min
Response: 609479
Conc: 4.97 ug/ml



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

R.T.: 18.189 min
Delta R.T.: -0.001 min
Response: 673629
Conc: 5.33 ug/ml



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

R.T.: 18.402 min
Delta R.T.: -0.003 min
Response: 636723
Conc: 4.98 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5