

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049236.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 18:45
 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: Apr 08 05:16:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:14:19 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...	7.752	763914	5.285 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
6) S 2-Fluorobiphenyl (SURR)	8.618	511483	5.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.20%
11) S ortho-Terphenyl (SURR)	11.659	920516	5.299 ug/ml
Spiked Amount 50.000		Recovery =	10.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.544	793235	5.427 ug/ml
2) T Naphthalene (C11.7)	6.090	852929	5.349 ug/ml
3) T 2-Methylnaphthalene (...)	7.143	831034	5.266 ug/ml
5) T Acenaphthylene (C15.06)	8.421	911997	5.282 ug/ml
7) T Acenaphthene (C15.5)	8.716	887643	5.267 ug/ml
8) T Fluorene (C16.55)	9.496	891946	5.208 ug/ml
9) T Phenanthrene (C19.36)	10.895	873665	5.126 ug/ml
10) T Anthracene (C19.43)	10.969	778991	4.985 ug/ml
12) T Fluoranthene (C21.85)	12.707	865711	5.119 ug/ml
13) T Pyrene (C20.8)	13.005	859789	5.139 ug/ml
14) T Benzo[a]anthracene (C...	14.873	710154	4.920 ug/ml
15) T Chrysene (C27.41)	14.915	721985	4.984 ug/ml
16) T benzo[b]fluoranthene ...	16.422	715436	5.147 ug/ml
17) T Bnezo[k]fluoranthene ...	16.454	700785	5.110 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.800	662389	5.101 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	626021	5.136 ug/ml
20) T Dibenz[a,h]anthracene...	18.202	660163	5.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	677175	5.207 ug/ml

(f)=RT Delta > 1/2 Window

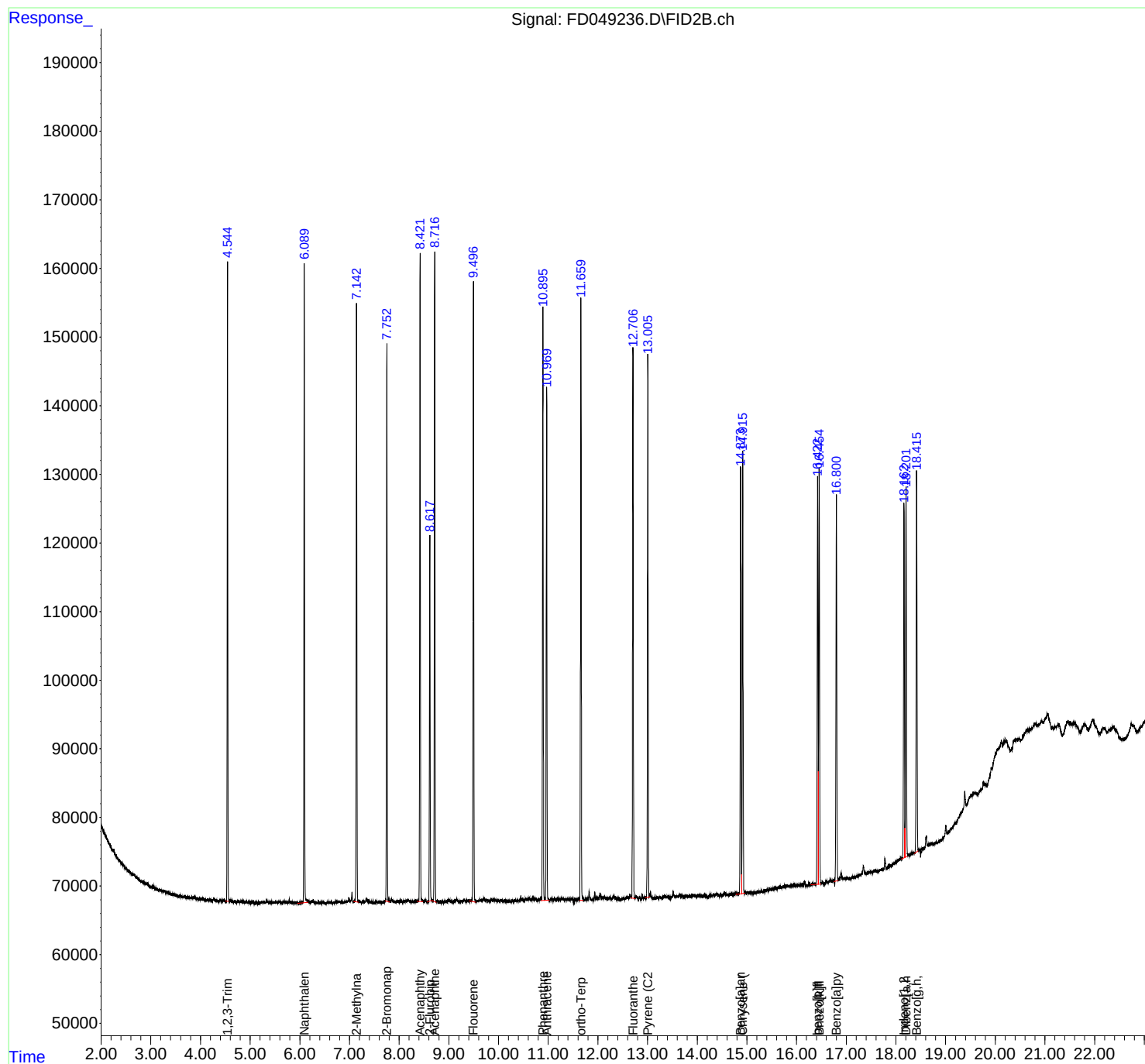
(m)=manual int.

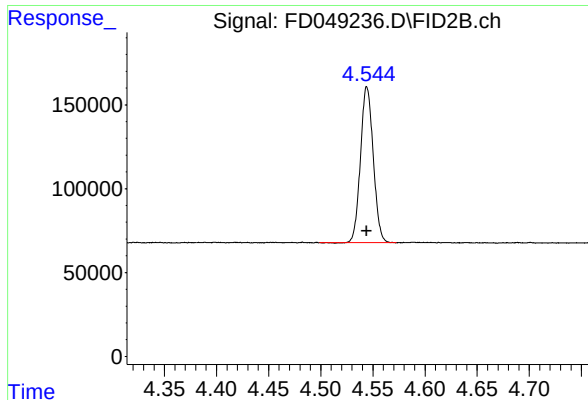
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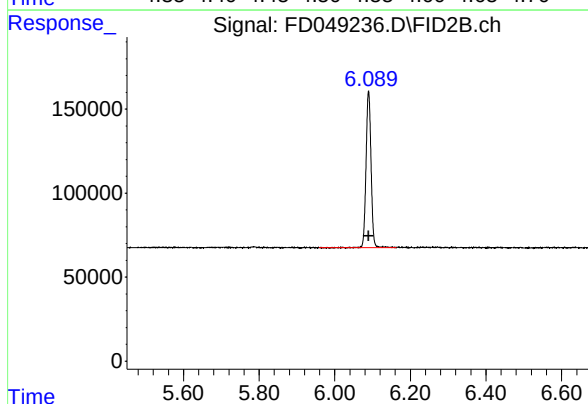




#1 1,2,3-Trimethylbenzene (C10.1)

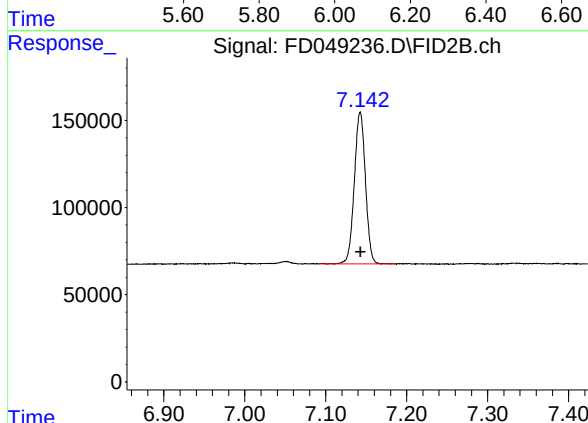
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 793235
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



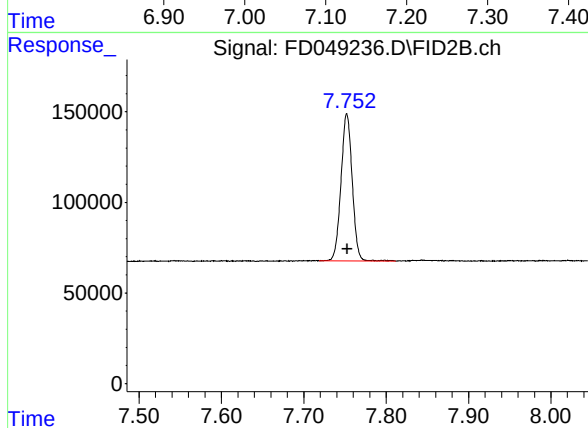
#2 Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 852929
Conc: 5.35 ug/ml



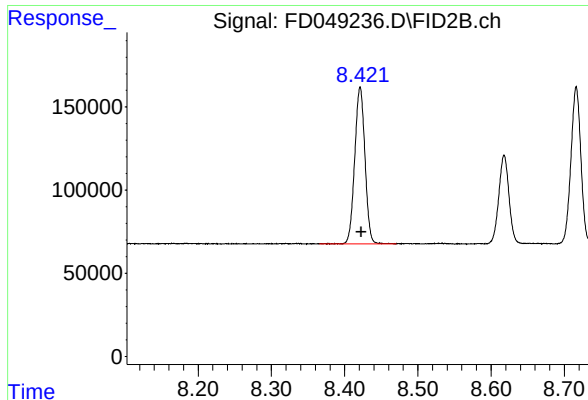
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 831034
Conc: 5.27 ug/ml



#4 2-Bromonaphthalene (SURR)

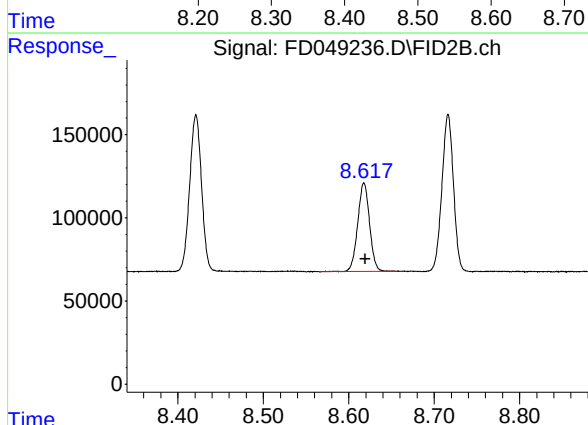
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 763914
Conc: 5.28 ug/ml



#5 Acenaphthylene (C15.06)

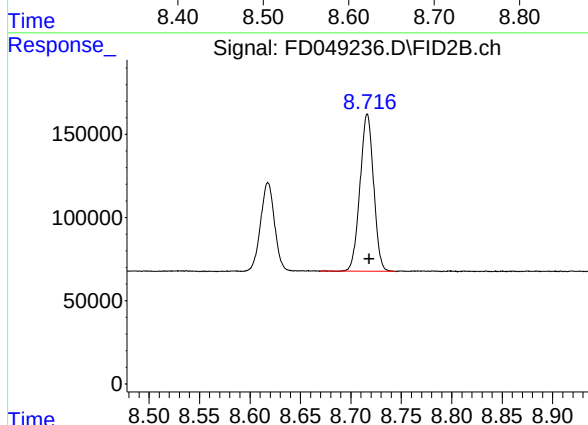
R.T.: 8.421 min
Delta R.T.: -0.002 min
Response: 911997
Conc: 5.28 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



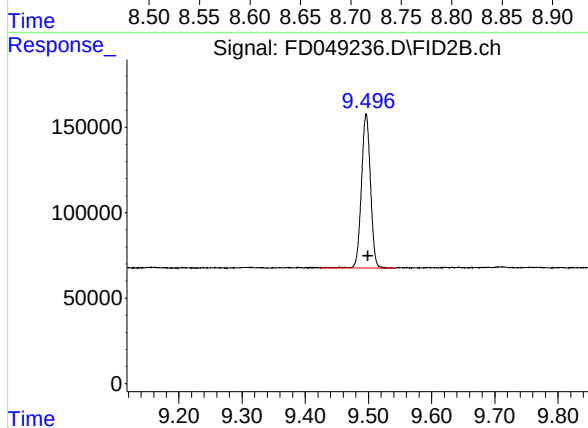
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min
Delta R.T.: -0.001 min
Response: 511483
Conc: 5.10 ug/ml



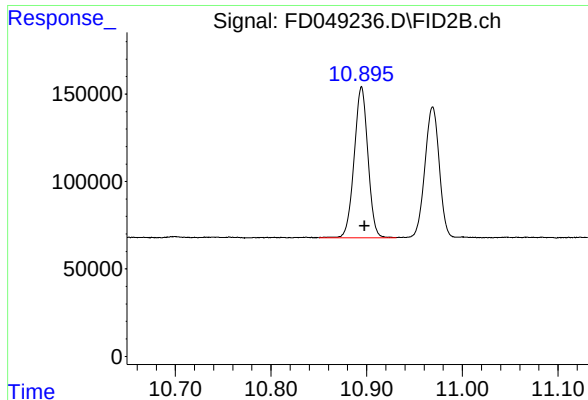
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 887643
Conc: 5.27 ug/ml



#8 Flouorene (C16.55)

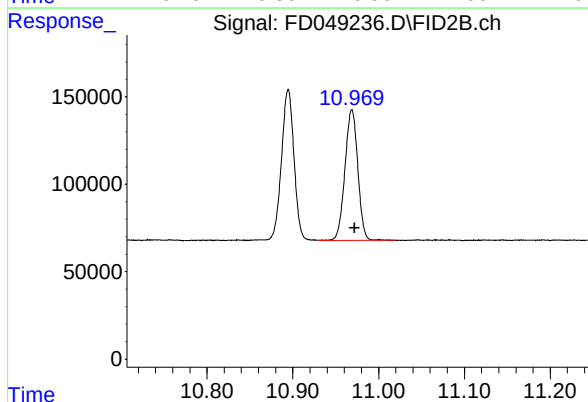
R.T.: 9.496 min
Delta R.T.: -0.003 min
Response: 891946
Conc: 5.21 ug/ml



#9 Phenanthrene (C19.36)

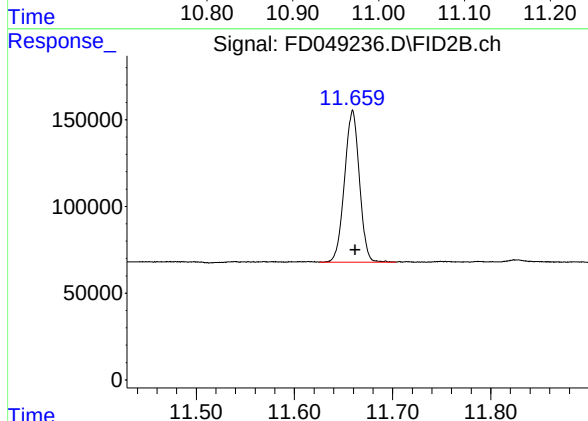
R.T.: 10.895 min
Delta R.T.: -0.003 min
Response: 873665
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



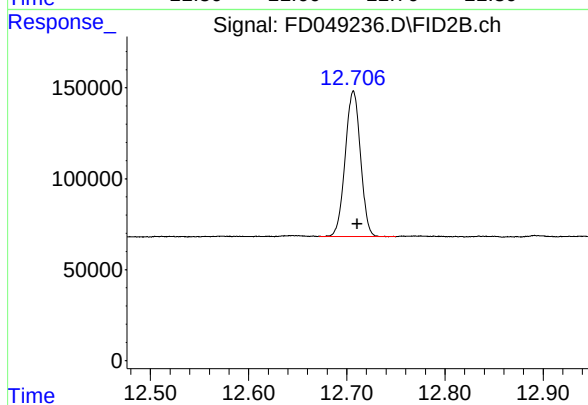
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.003 min
Response: 778991
Conc: 4.99 ug/ml



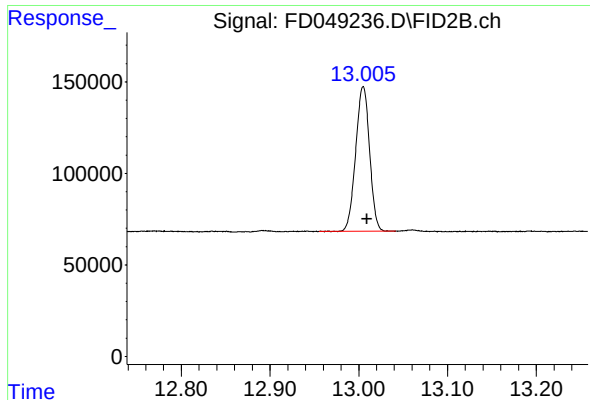
#11 ortho-Terphenyl (SURRE)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 920516
Conc: 5.30 ug/ml



#12 Fluoranthene (C21.85)

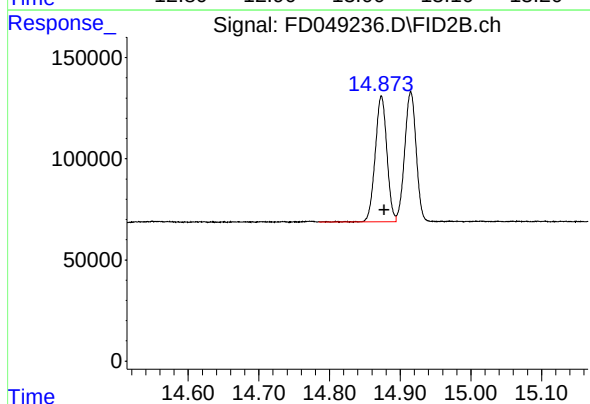
R.T.: 12.707 min
Delta R.T.: -0.004 min
Response: 865711
Conc: 5.12 ug/ml



#13 Pyrene (C20.8)

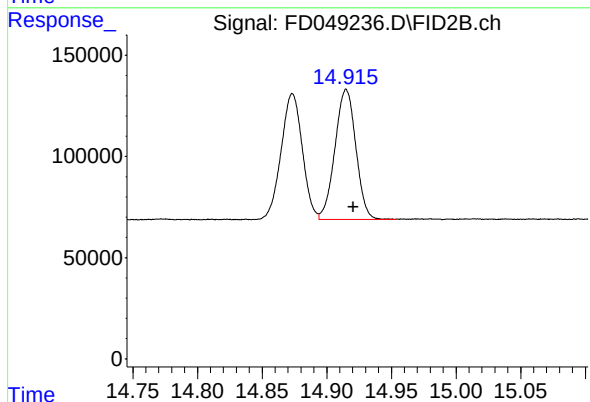
R.T.: 13.005 min
Delta R.T.: -0.004 min
Response: 859789
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



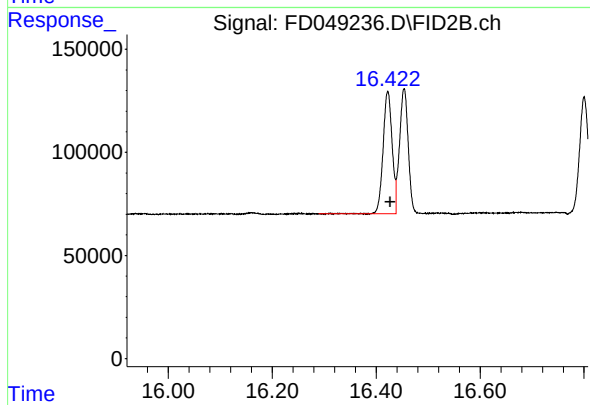
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.873 min
Delta R.T.: -0.004 min
Response: 710154
Conc: 4.92 ug/ml



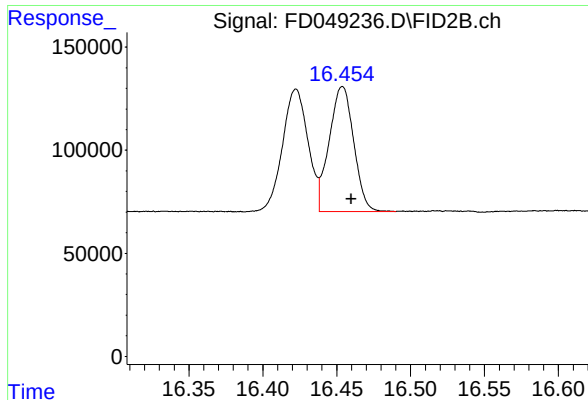
#15 Chrysene (C27.41)

R.T.: 14.915 min
Delta R.T.: -0.005 min
Response: 721985
Conc: 4.98 ug/ml



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

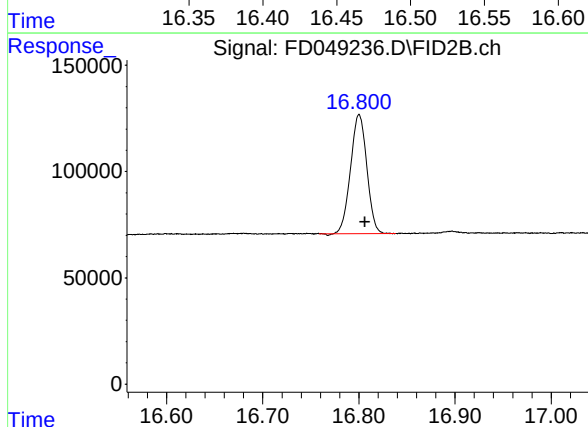
R.T.: 16.422 min
Delta R.T.: -0.005 min
Response: 715436
Conc: 5.15 ug/ml



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

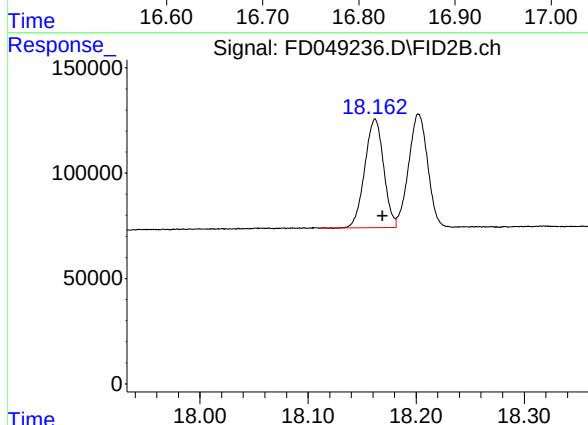
R.T.: 16.454 min
Delta R.T.: -0.006 min
Response: 700785
Conc: 5.11 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



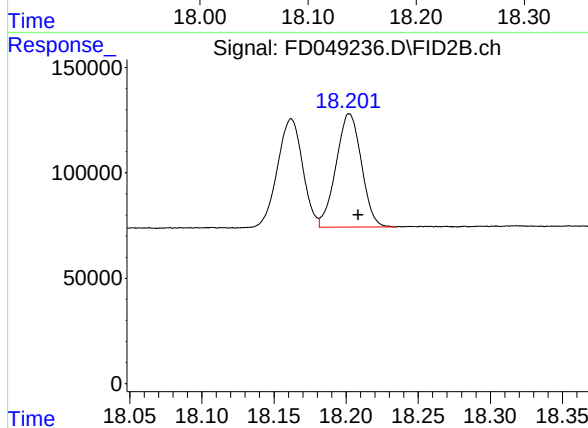
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 662389
Conc: 5.10 ug/ml



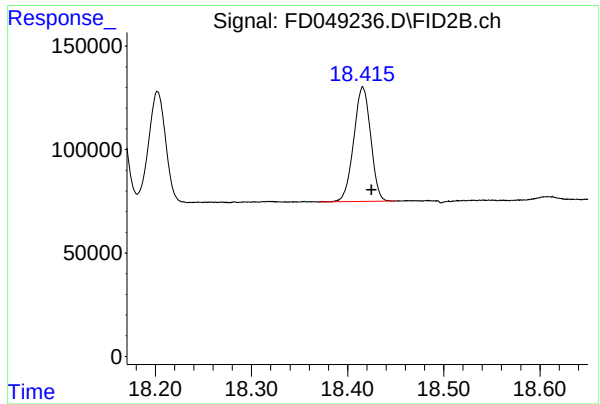
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.162 min
Delta R.T.: -0.007 min
Response: 626021
Conc: 5.14 ug/ml



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

R.T.: 18.202 min
Delta R.T.: -0.006 min
Response: 660163
Conc: 5.20 ug/ml



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

R.T.: 18.416 min
Delta R.T.: -0.009 min
Response: 677175
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5