

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046348.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 13:50
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 18 14:26:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 13:06:51 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...	7.499	768961	4.936 ug/ml
Spiked Amount 50.000		Recovery =	9.87%
6) S 2-Fluorobiphenyl (SURR)	8.352	490474	4.786 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.57%
11) S ortho-Terphenyl (SURR)	11.390	964520	5.017 ug/ml
Spiked Amount 50.000		Recovery =	10.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	888815	5.018 ug/ml
2) T Naphthalene (C11.7)	5.839	915168	4.989 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	895947	4.899 ug/ml
5) T Acenaphthylene (C15.06)	8.156	819460	4.932 ug/ml
7) T Acenaphthene (C15.5)	8.451	876763	4.923 ug/ml
8) T Flouorene (C16.55)	9.230	824250	4.805 ug/ml
9) T Phenanthrene (C19.36)	10.618	818869	4.821 ug/ml
10) T Anthracene (C19.43)	10.692	721685	4.812 ug/ml
12) T Fluoranthene (C21.85)	12.421	802430	4.872 ug/ml
13) T Pyrene (C20.8)	12.714	789460	4.909 ug/ml
14) T Benzo[a]anthracene (C...	14.578	684501	4.773 ug/ml
15) T Chrysene (C27.41)	14.619	725828	4.905 ug/ml
16) T benzo[b]fluoranthene ...	16.118	664071	4.855 ug/ml
17) T Bnezo[k]fluoranthene ...	16.150	658014	4.932 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	624100	4.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	604320	4.827 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	638514	5.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	631577	4.963 ug/ml

(f)=RT Delta > 1/2 Window

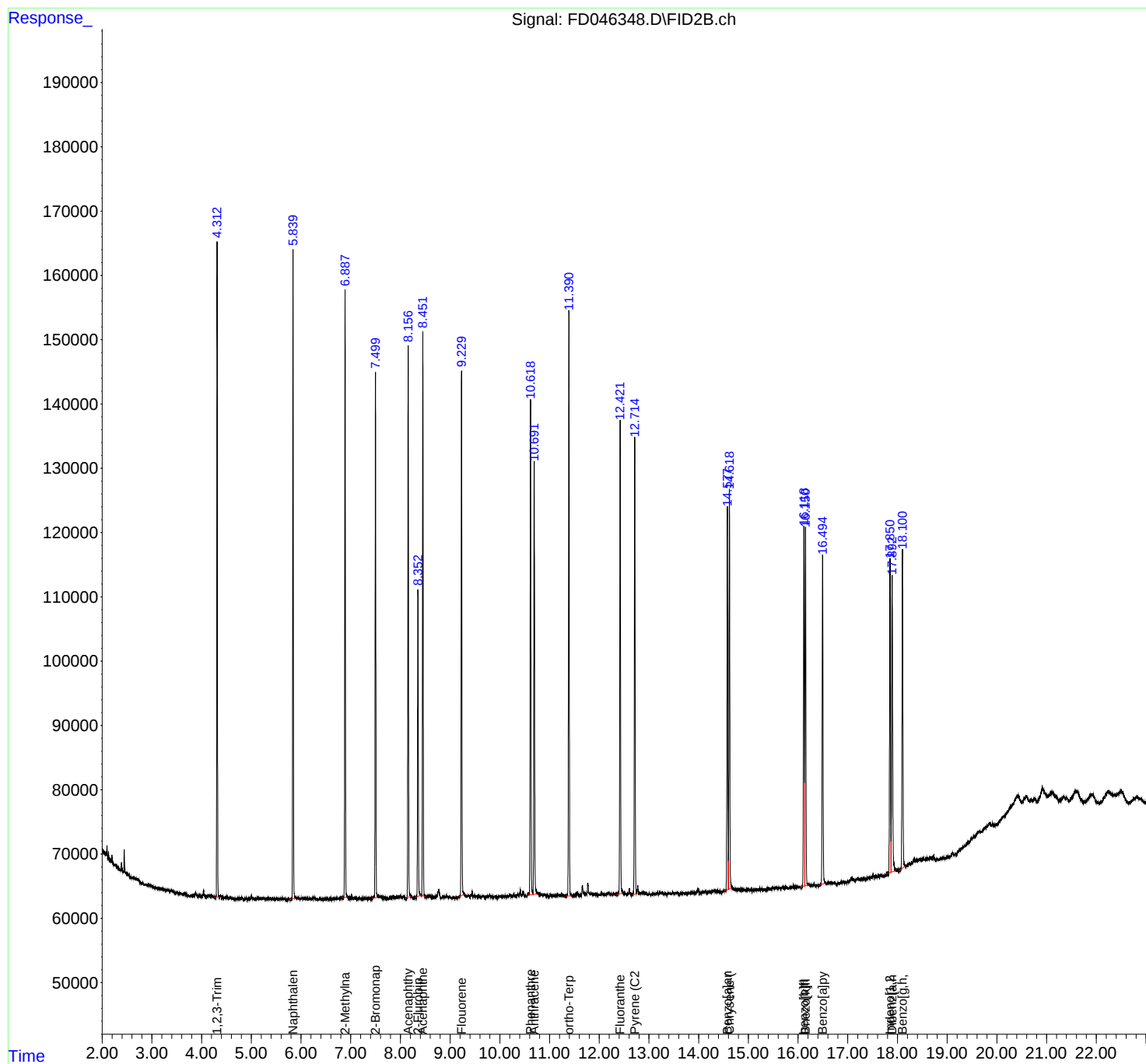
(m)=manual int.

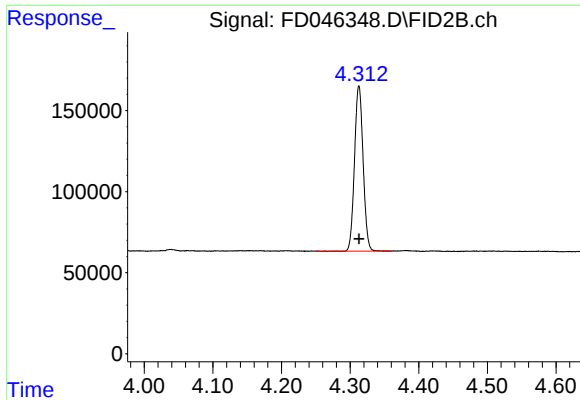
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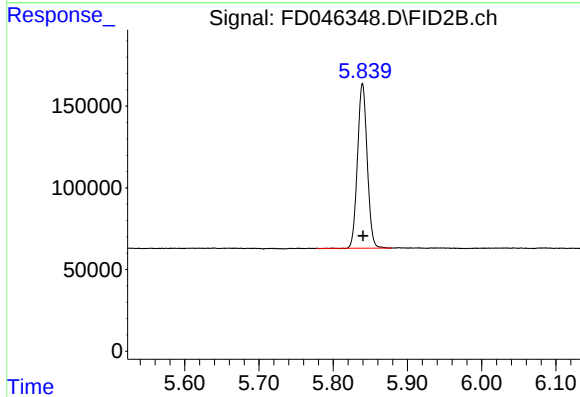




#1 1,2,3-Trimethylbenzene (C10.1)

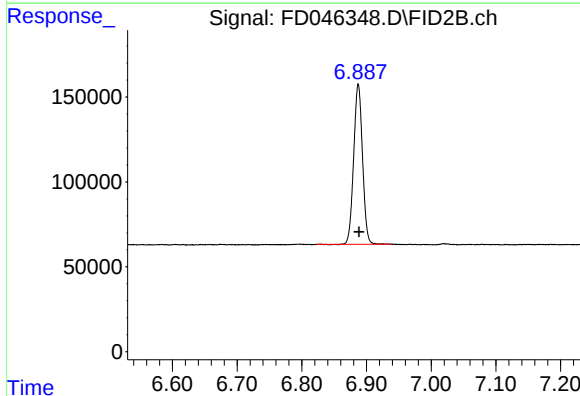
R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 888815
Conc: 5.02 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



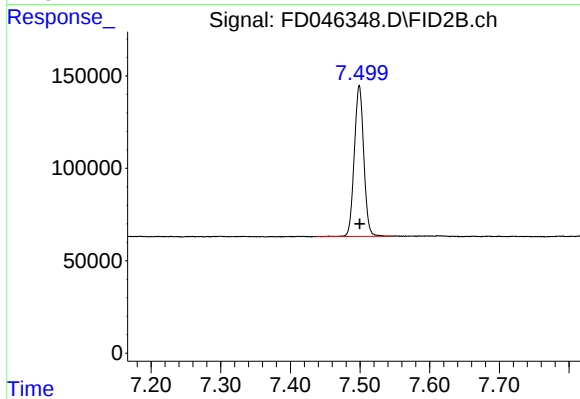
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 915168
Conc: 4.99 ug/ml



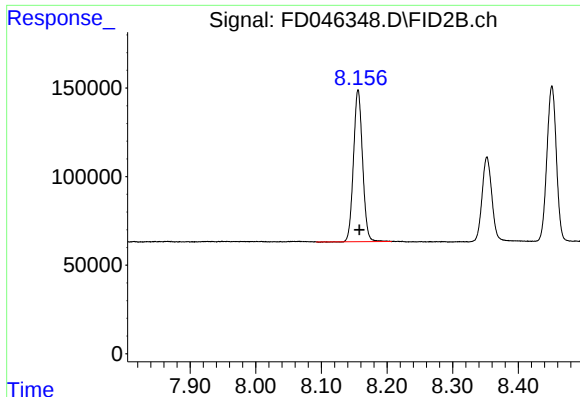
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.001 min
Response: 895947
Conc: 4.90 ug/ml



#4 2-Bromonaphthalene (SURR)

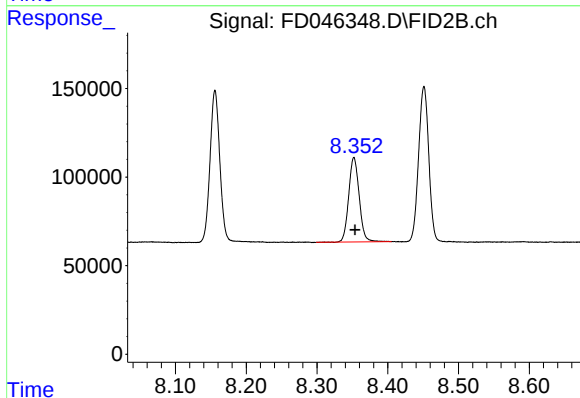
R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 768961
Conc: 4.94 ug/ml



#5 Acenaphthylene (C15.06)

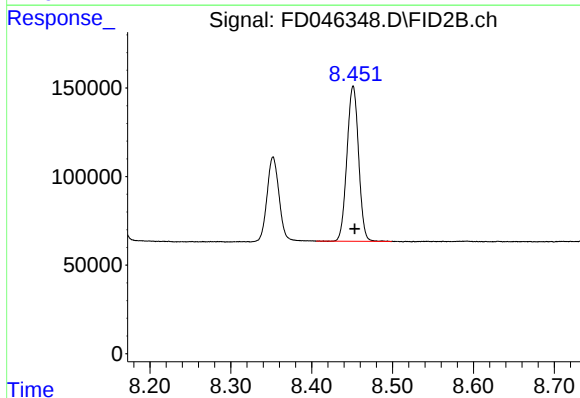
R.T.: 8.156 min
Delta R.T.: -0.002 min
Response: 819460
Conc: 4.93 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



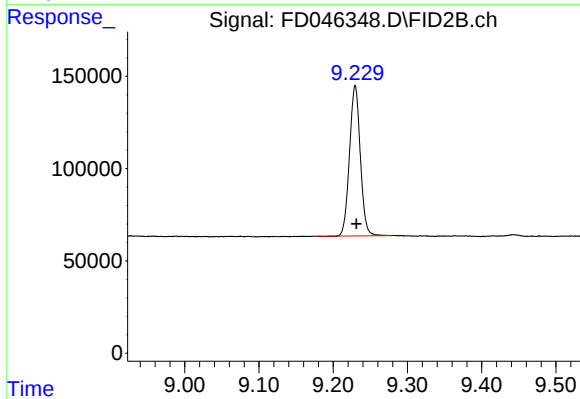
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 490474
Conc: 4.79 ug/ml



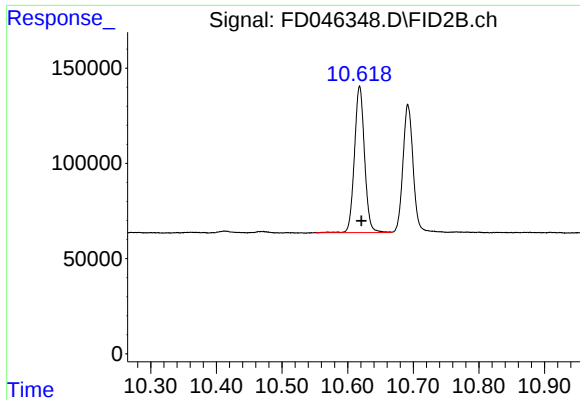
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 876763
Conc: 4.92 ug/ml



#8 Fluorene (C16.55)

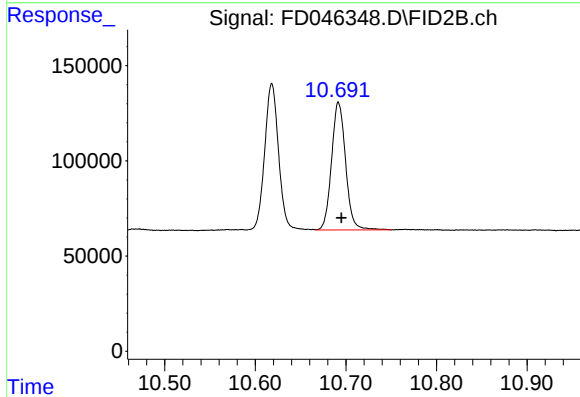
R.T.: 9.230 min
Delta R.T.: -0.002 min
Response: 824250
Conc: 4.81 ug/ml



#9 Phenanthrene (C19.36)

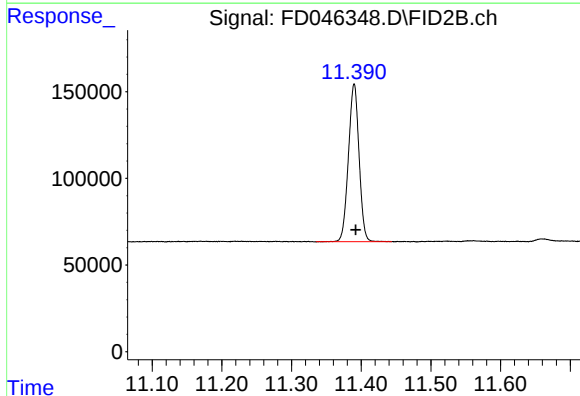
R.T.: 10.618 min
Delta R.T.: -0.003 min
Response: 818869
Conc: 4.82 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



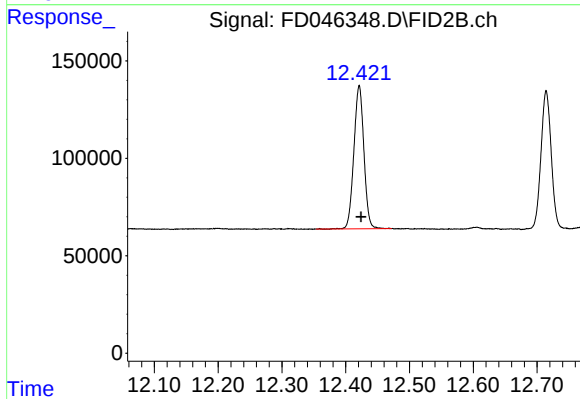
#10 Anthracene (C19.43)

R.T.: 10.692 min
Delta R.T.: -0.003 min
Response: 721685
Conc: 4.81 ug/ml



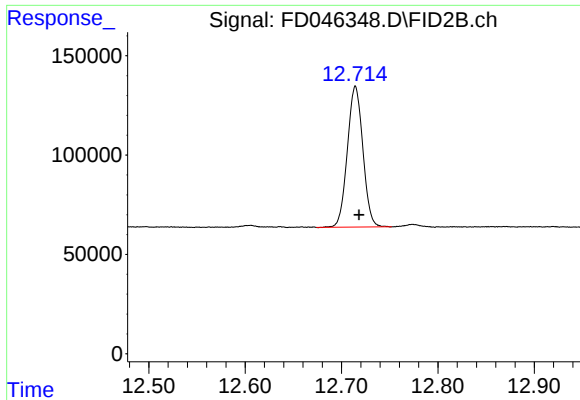
#11 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 964520
Conc: 5.02 ug/ml



#12 Fluoranthene (C21.85)

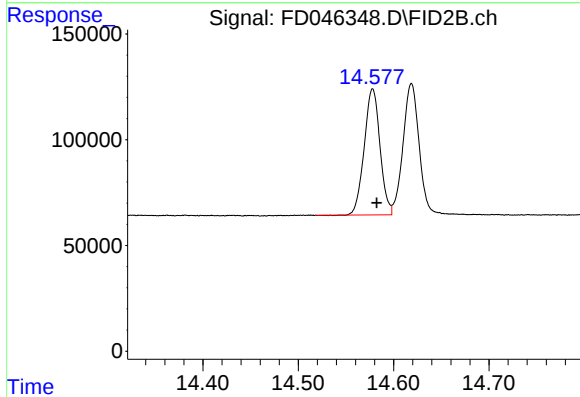
R.T.: 12.421 min
Delta R.T.: -0.003 min
Response: 802430
Conc: 4.87 ug/ml



#13 Pyrene (C20.8)

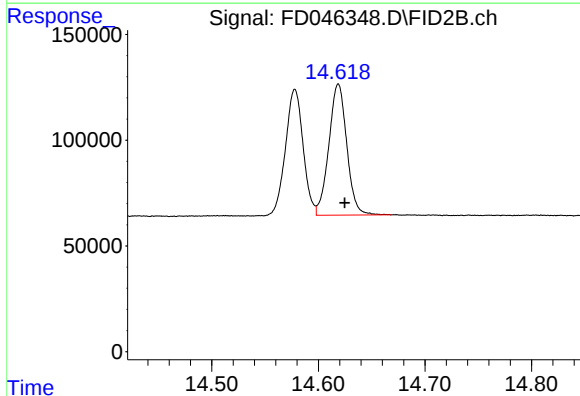
R.T.: 12.714 min
Delta R.T.: -0.004 min
Response: 789460
Conc: 4.91 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



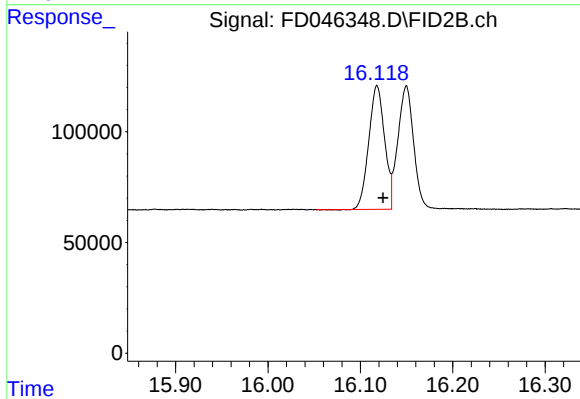
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.004 min
Response: 684501
Conc: 4.77 ug/ml



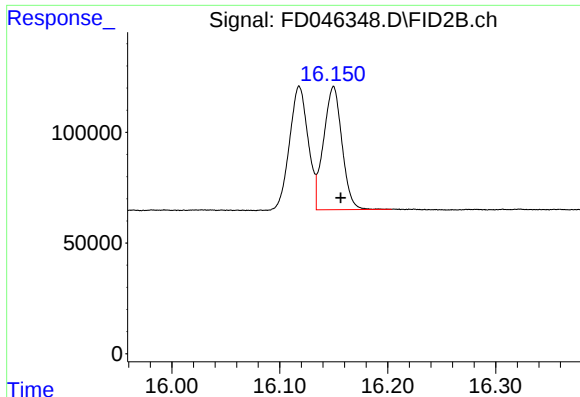
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.006 min
Response: 725828
Conc: 4.91 ug/ml



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

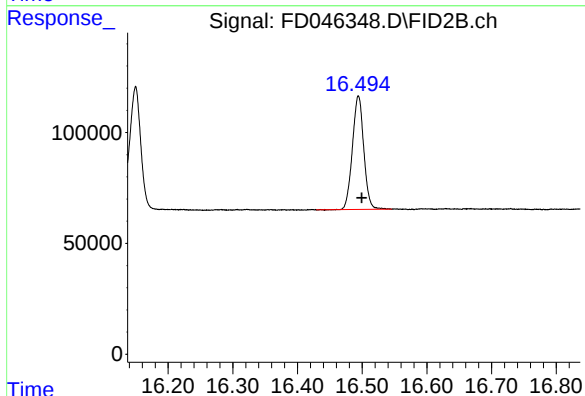
R.T.: 16.118 min
Delta R.T.: -0.006 min
Response: 664071
Conc: 4.86 ug/ml



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

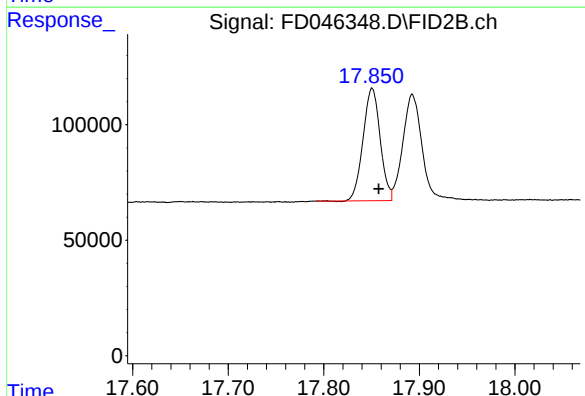
R.T.: 16.150 min
Delta R.T.: -0.007 min
Response: 658014
Conc: 4.93 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



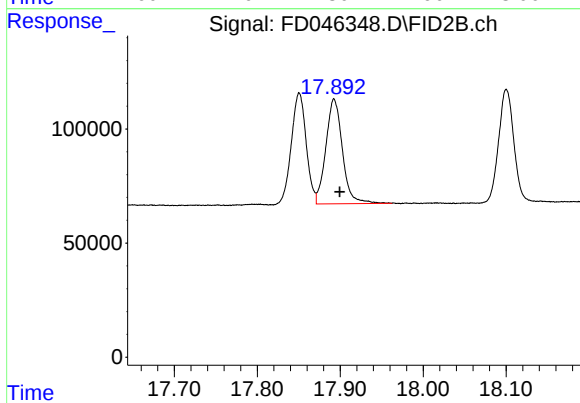
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: -0.005 min
Response: 624100
Conc: 4.87 ug/ml



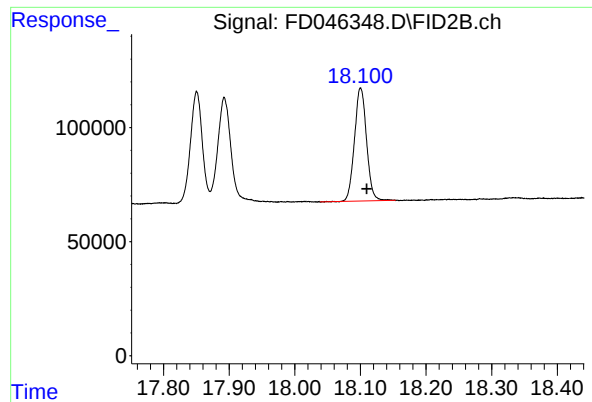
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.007 min
Response: 604320
Conc: 4.83 ug/ml



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

R.T.: 17.893 min
Delta R.T.: -0.007 min
Response: 638514
Conc: 5.03 ug/ml



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

R.T.: 18.100 min
Delta R.T.: -0.009 min
Response: 631577
Conc: 4.96 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5