

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081123AR\
 Data File : FD046323.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 10:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 12 01:11:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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	2981076	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
6) S 2-Fluorobiphenyl (SURR)	8.353	1986741	21.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.45%
11) S ortho-Terphenyl (SURR)	11.391	3824692	21.900 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3296908	18.095 ug/ml
2) T Naphthalene (C11.7)	5.840	3448534	19.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	3465647	19.691 ug/ml
5) T Acenaphthylene (C15.06)	8.157	3157187	20.692 ug/ml
7) T Acenaphthene (C15.5)	8.452	3357215	20.589 ug/ml
8) T Fluorene (C16.55)	9.230	3298406	21.677 ug/ml
9) T Phenanthrene (C19.36)	10.619	3287094	22.828 ug/ml
10) T Anthracene (C19.43)	10.693	2986638	22.821 ug/ml
12) T Fluoranthene (C21.85)	12.422	3292003	23.559 ug/ml
13) T Pyrene (C20.8)	12.716	3168361	22.861 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2881946	21.956 ug/ml
15) T Chrysene (C27.41)	14.622	2974835	21.098 ug/ml
16) T benzo[b]fluoranthene ...	16.122	2784582	20.360 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	2745244	20.028 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.496	2615893	20.093 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	2379913	19.788 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	2441568	19.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	2432480	19.173 ug/ml

(f)=RT Delta > 1/2 Window

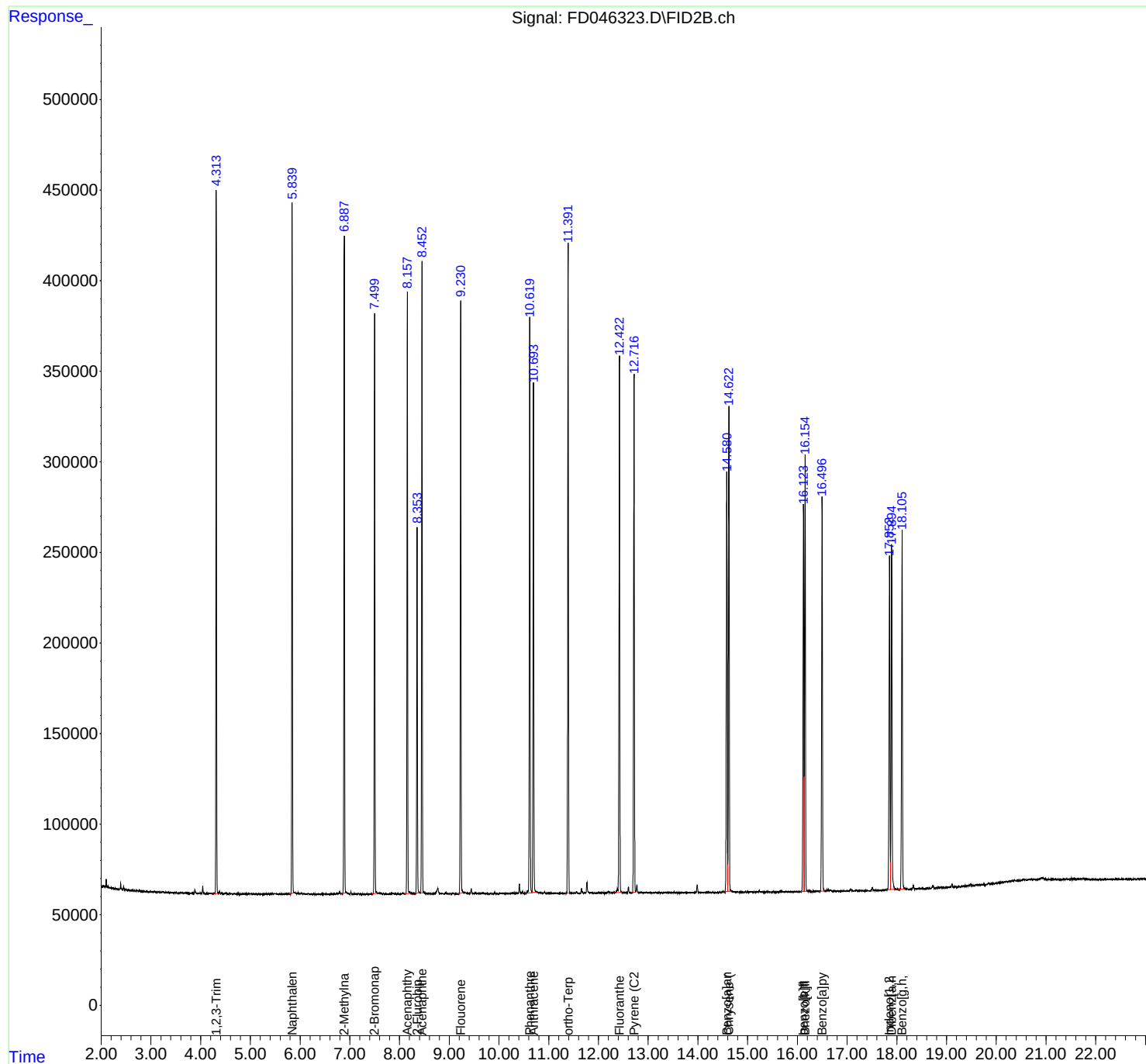
(m)=manual int.

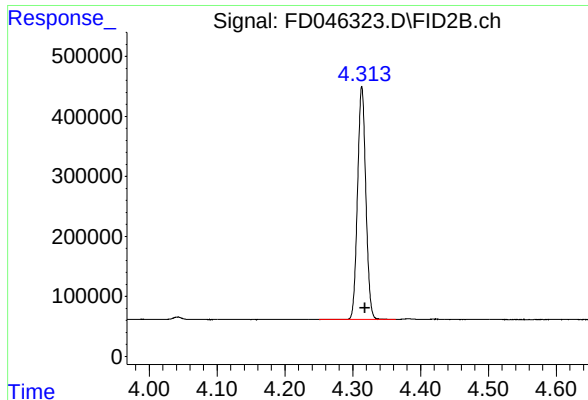
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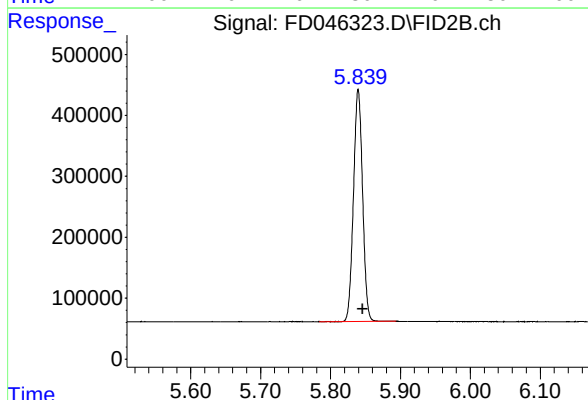




#1 1,2,3-Trimethylbenzene (C10.1)

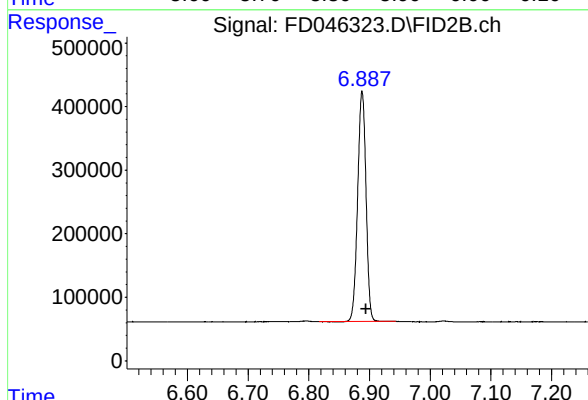
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 3296908
Conc: 18.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



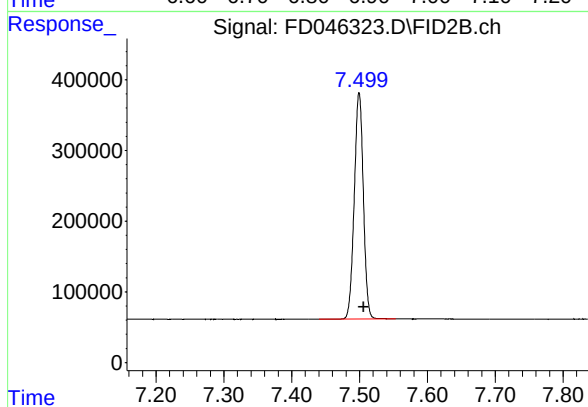
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.006 min
Response: 3448534
Conc: 19.09 ug/ml



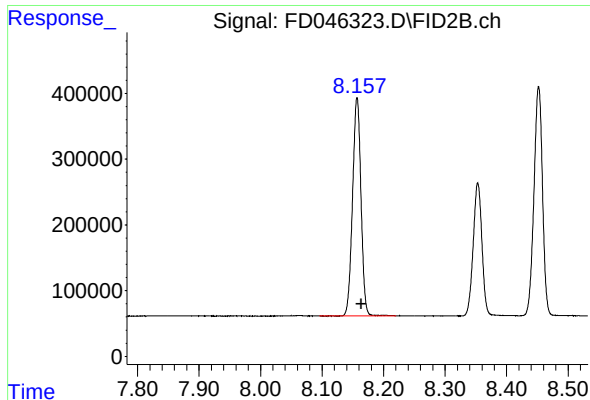
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.006 min
Response: 3465647
Conc: 19.69 ug/ml



#4 2-Bromonaphthalene (SURR)

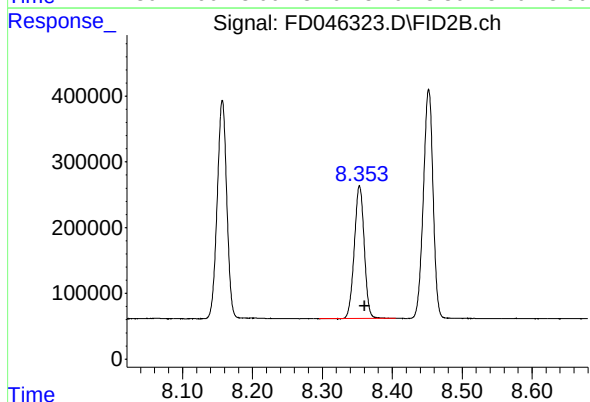
R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 2981076
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

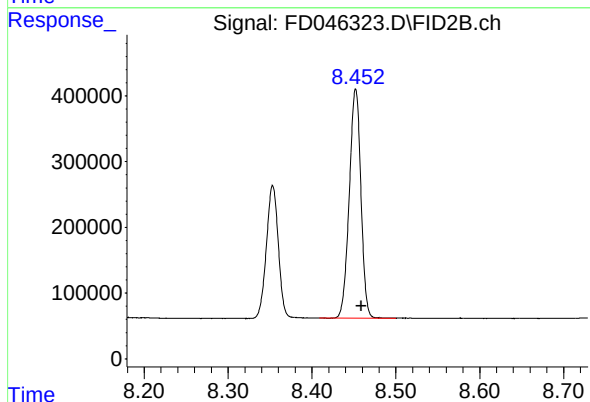
R.T.: 8.157 min
Delta R.T.: -0.007 min
Response: 3157187
Conc: 20.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



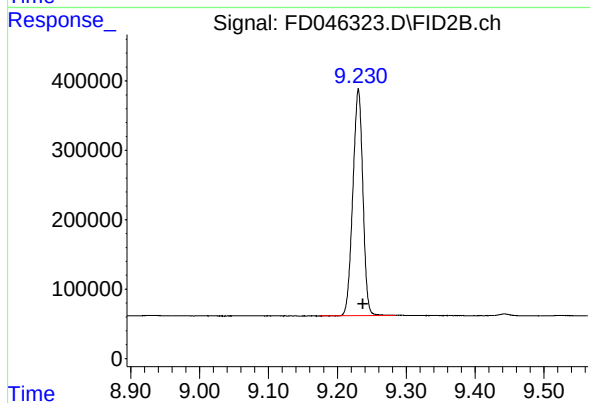
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.353 min
Delta R.T.: -0.007 min
Response: 1986741
Conc: 21.22 ug/ml



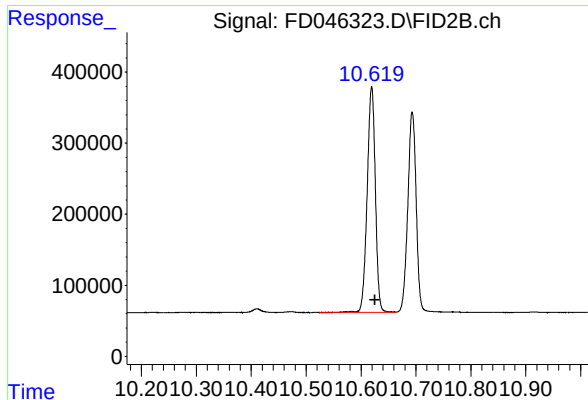
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.007 min
Response: 3357215
Conc: 20.59 ug/ml



#8 Fluorene (C16.55)

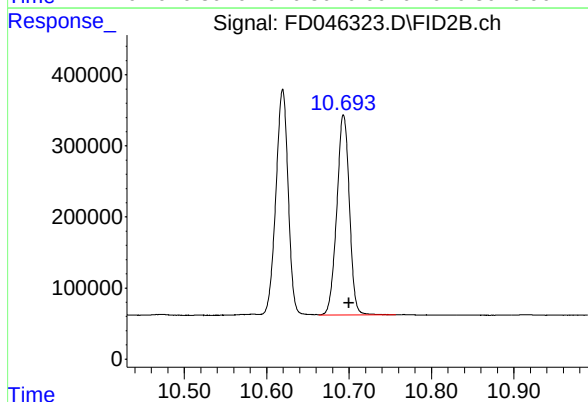
R.T.: 9.230 min
Delta R.T.: -0.007 min
Response: 3298406
Conc: 21.68 ug/ml



#9 Phenanthrene (C19.36)

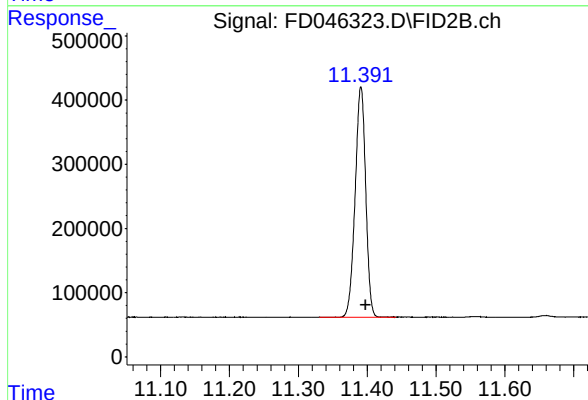
R.T.: 10.619 min
Delta R.T.: -0.006 min
Response: 3287094
Conc: 22.83 ug/ml

Instrument :
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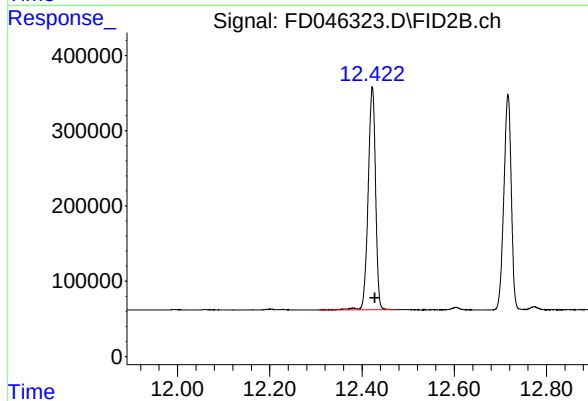
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.006 min
Response: 2986638
Conc: 22.82 ug/ml



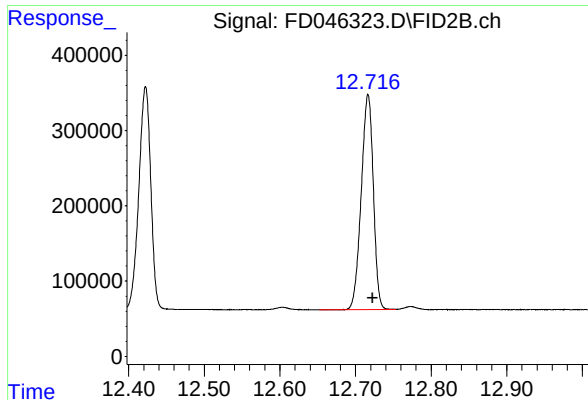
#11 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: -0.007 min
Response: 3824692
Conc: 21.90 ug/ml



#12 Fluoranthene (C21.85)

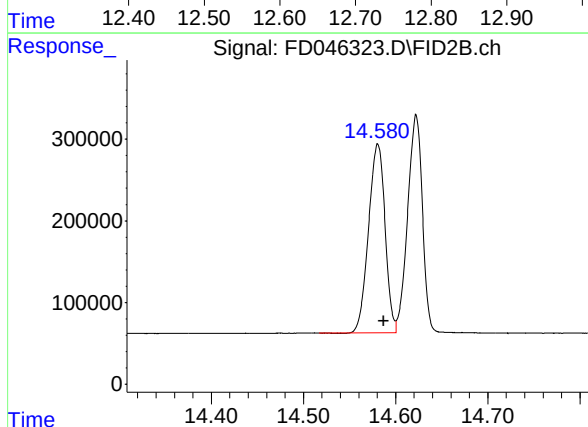
R.T.: 12.422 min
Delta R.T.: -0.006 min
Response: 3292003
Conc: 23.56 ug/ml



#13 Pyrene (C20.8)

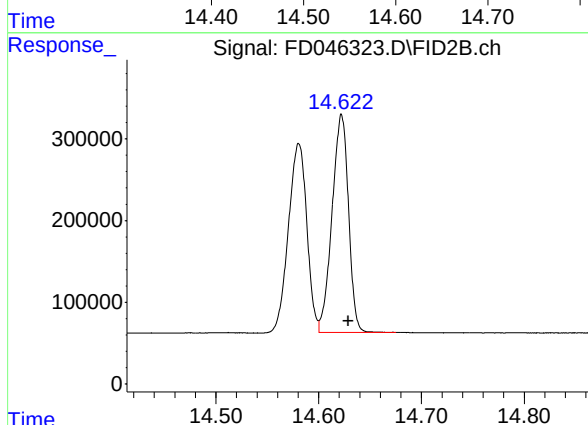
R.T.: 12.716 min
Delta R.T.: -0.006 min
Response: 3168361
Conc: 22.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



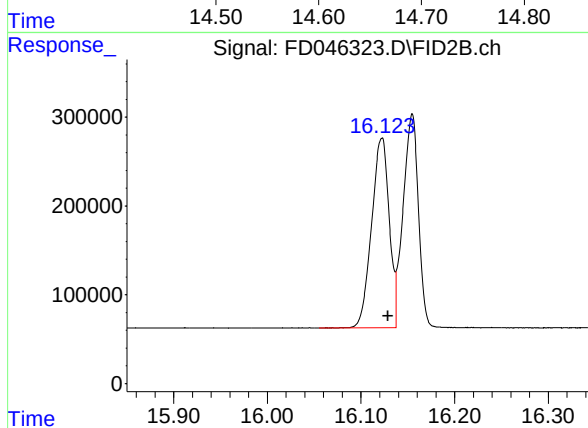
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.007 min
Response: 2881946
Conc: 21.96 ug/ml



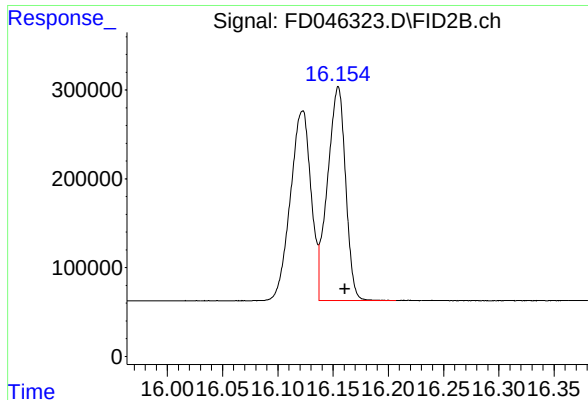
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: -0.007 min
Response: 2974835
Conc: 21.10 ug/ml



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

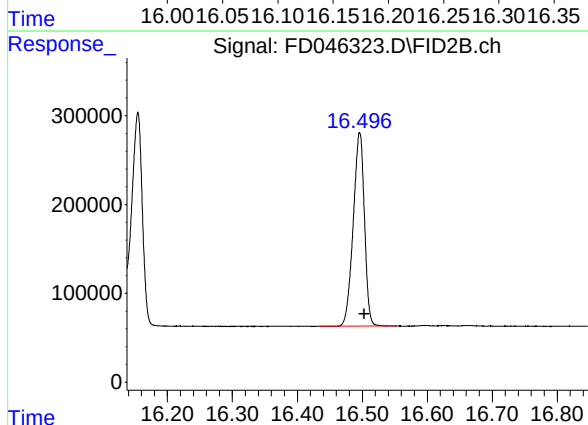
R.T.: 16.122 min
Delta R.T.: -0.007 min
Response: 2784582
Conc: 20.36 ug/ml



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

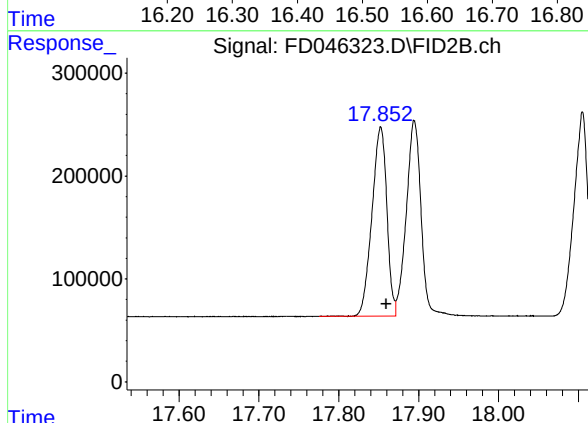
R.T.: 16.154 min
Delta R.T.: -0.006 min
Response: 2745244
Conc: 20.03 ug/ml

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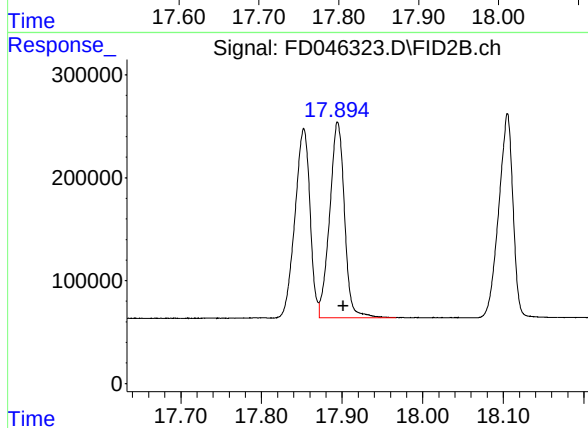
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.496 min
Delta R.T.: -0.007 min
Response: 2615893
Conc: 20.09 ug/ml



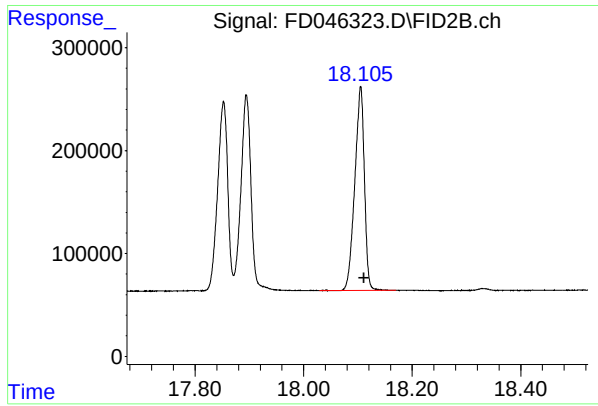
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.007 min
Response: 2379913
Conc: 19.79 ug/ml



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

R.T.: 17.895 min
Delta R.T.: -0.007 min
Response: 2441568
Conc: 19.09 ug/ml



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

R.T.: 18.105 min

Delta R.T.: -0.006 min

Response: 2432480

Conc: 19.17 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD