

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046838.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 14:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 07 22:02:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.483	3573838	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
6) S 2-Fluorobiphenyl (SURR)	8.336	2291203	19.469 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.94%
11) S ortho-Terphenyl (SURR)	11.373	4227257	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296	3757006	19.454 ug/ml
2) T Naphthalene (C11.7)	5.823	3909597	19.524 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	3932933	19.568 ug/ml
5) T Acenaphthylene (C15.06)	8.140	3594812	19.545 ug/ml
7) T Acenaphthene (C15.5)	8.435	3856391	19.687 ug/ml
8) T Fluorene (C16.55)	9.213	3626111	19.604 ug/ml
9) T Phenanthrene (C19.36)	10.602	3477867	19.549 ug/ml
10) T Anthracene (C19.43)	10.675	2940966	17.257 ug/ml
12) T Fluoranthene (C21.85)	12.404	3437196	19.902 ug/ml
13) T Pyrene (C20.8)	12.698	3328192	20.016 ug/ml
14) T Benzo[a]anthracene (C...	14.562	2701754	19.203 ug/ml
15) T Chrysene (C27.41)	14.603	3013740	19.324 ug/ml
16) T benzo[b]fluoranthene ...	16.103	2803511	19.588 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	2846482	19.443 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	2661252	18.986 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	2293066	18.152 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	2494933	17.859 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	2614233	18.723 ug/ml

(f)=RT Delta > 1/2 Window

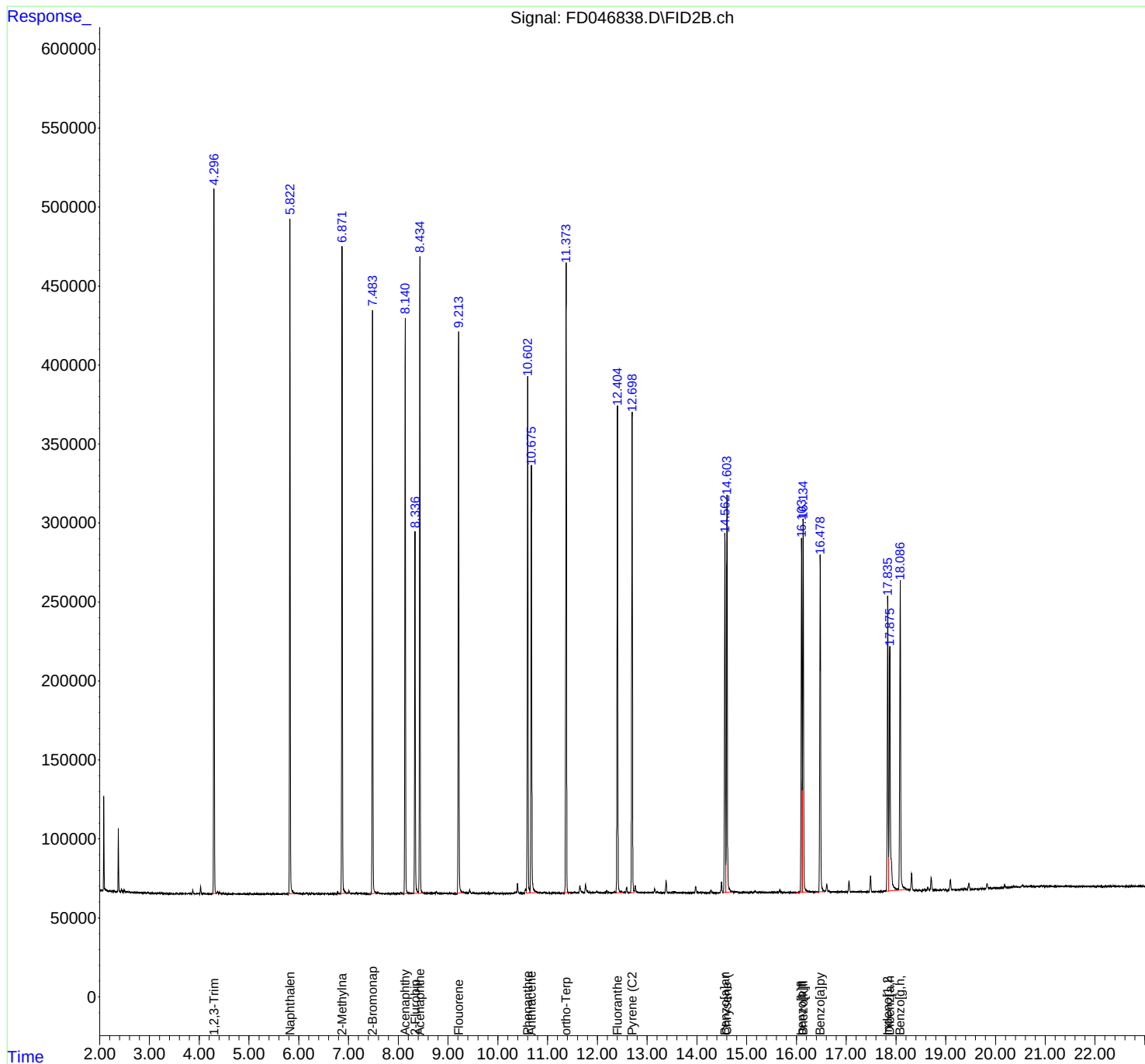
(m)=manual int.

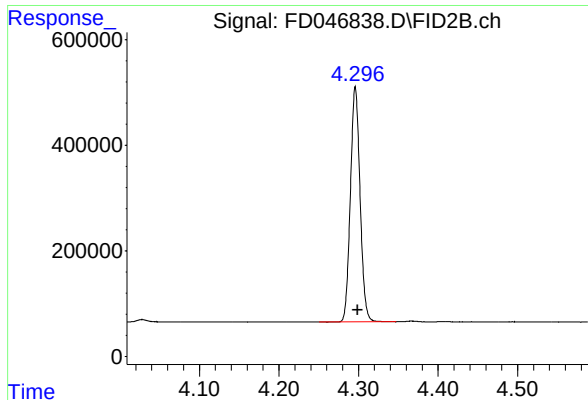
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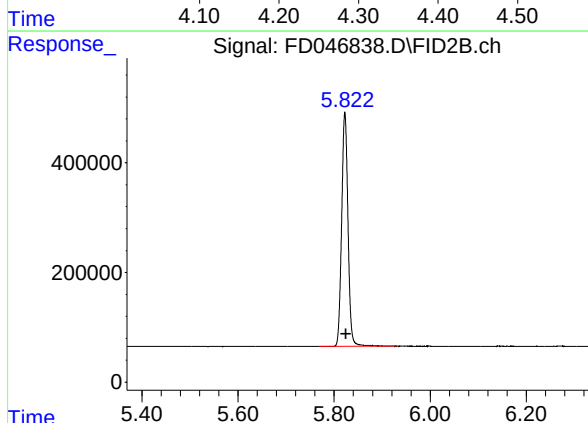




#1 1,2,3-Trimethylbenzene (C10.1)

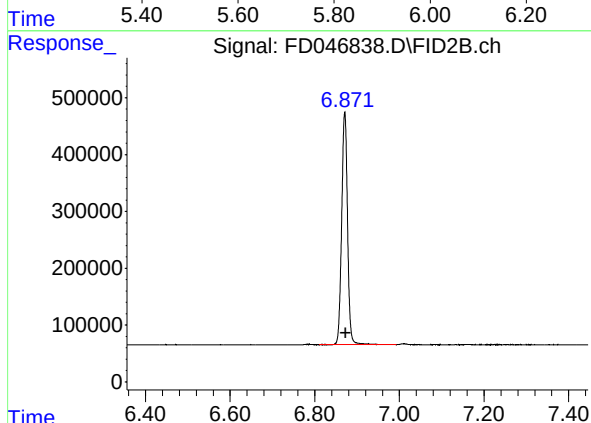
R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 3757006
Conc: 19.45 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



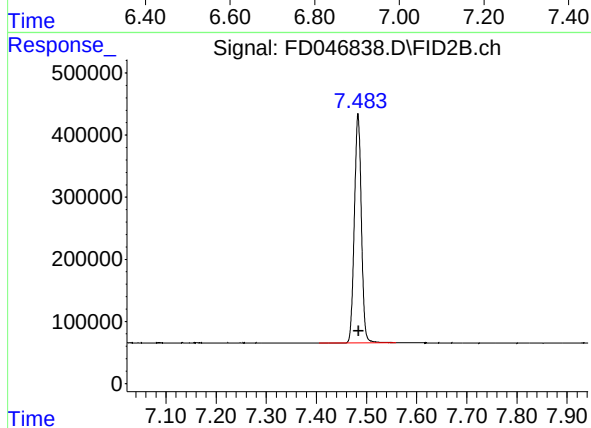
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 3909597
Conc: 19.52 ug/ml



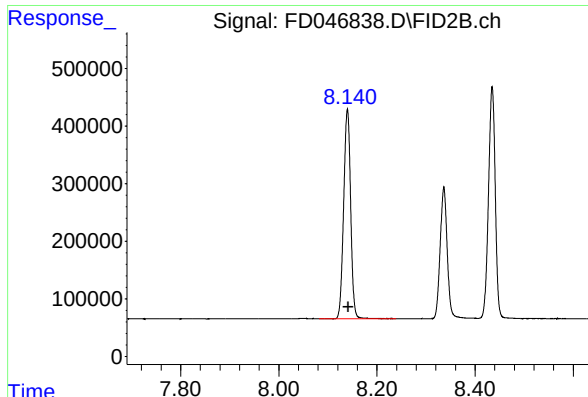
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 3932933
Conc: 19.57 ug/ml



#4 2-Bromonaphthalene (SURR)

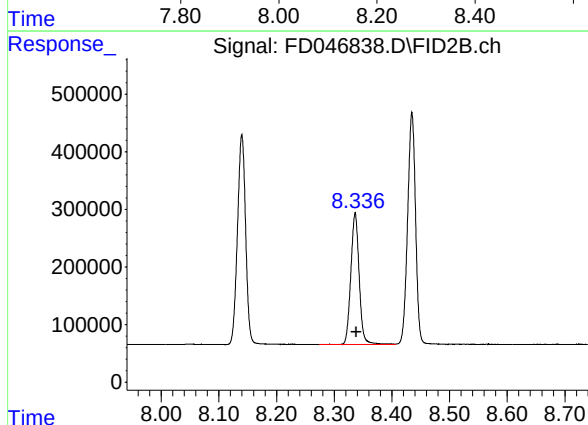
R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 3573838
Conc: 19.60 ug/ml



#5 Acenaphthylene (C15.06)

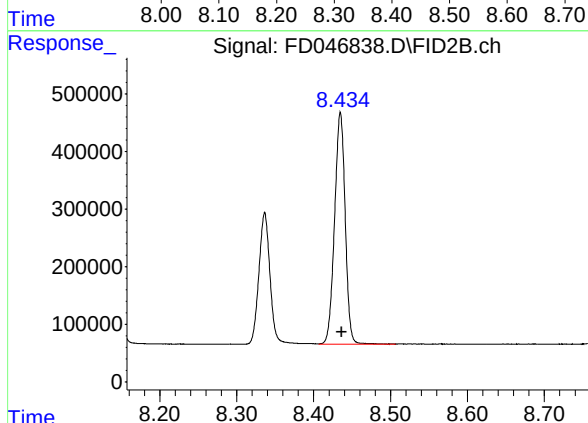
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 3594812
Conc: 19.54 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



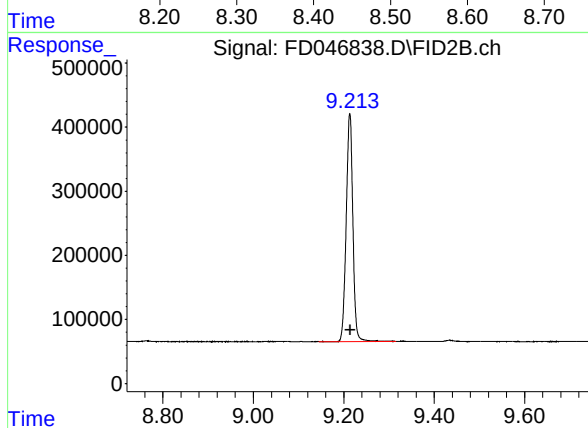
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 2291203
Conc: 19.47 ug/ml



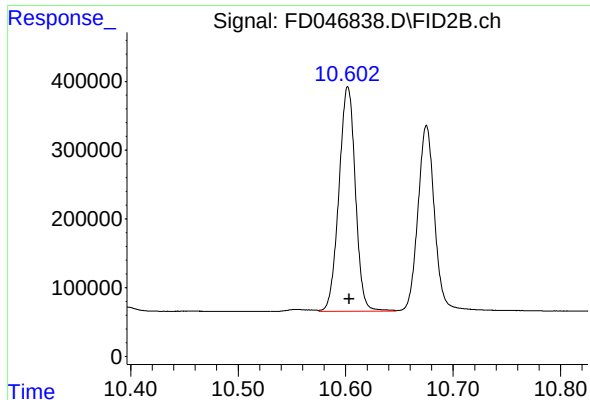
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 3856391
Conc: 19.69 ug/ml



#8 Fluorene (C16.55)

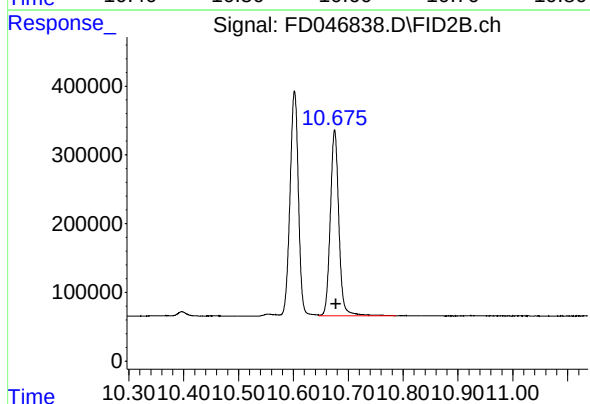
R.T.: 9.213 min
Delta R.T.: -0.001 min
Response: 3626111
Conc: 19.60 ug/ml



#9 Phenanthrene (C19.36)

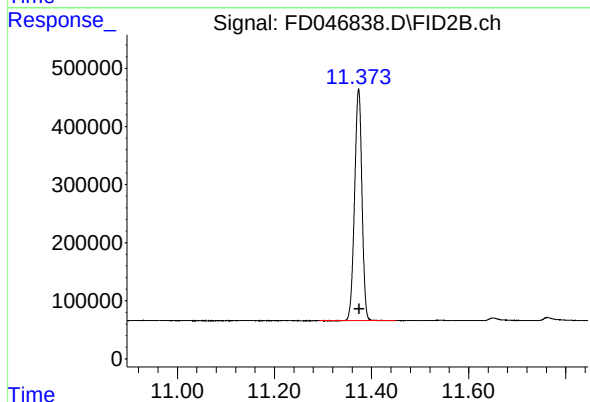
R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 3477867
Conc: 19.55 ug/ml

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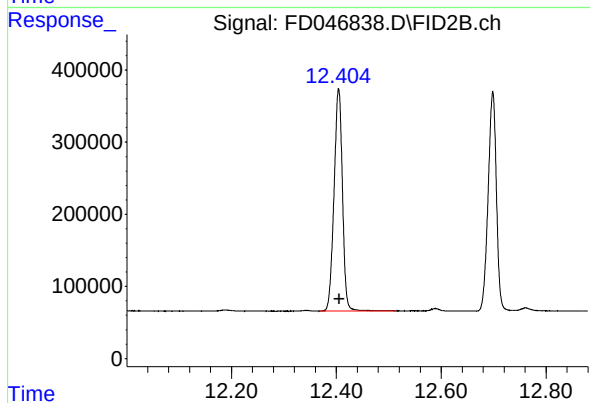
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 2940966
Conc: 17.26 ug/ml



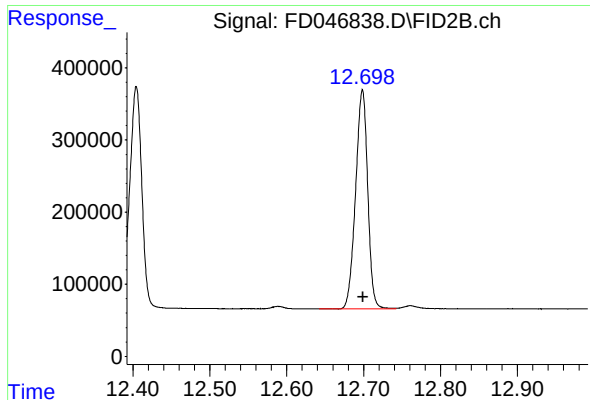
#11 ortho-Terphenyl (SURR)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 4227257
Conc: 19.96 ug/ml



#12 Fluoranthene (C21.85)

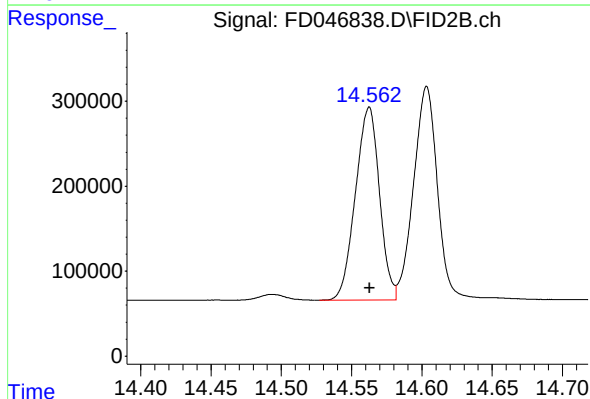
R.T.: 12.404 min
Delta R.T.: -0.001 min
Response: 3437196
Conc: 19.90 ug/ml



#13 Pyrene (C20.8)

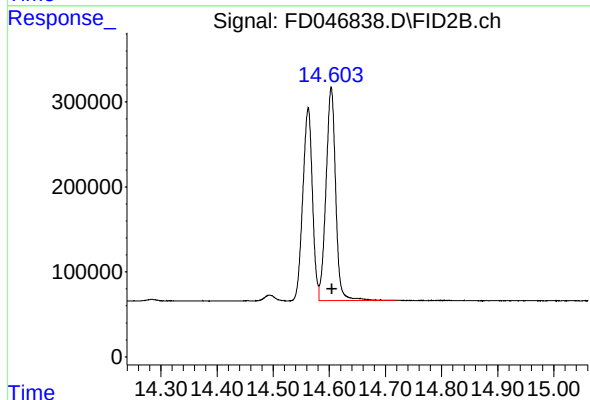
R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 3328192
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



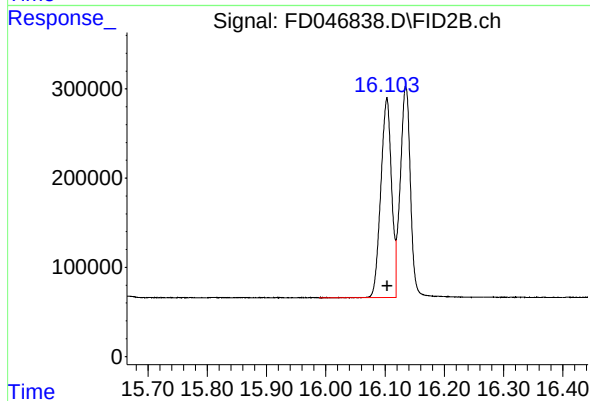
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 2701754
Conc: 19.20 ug/ml



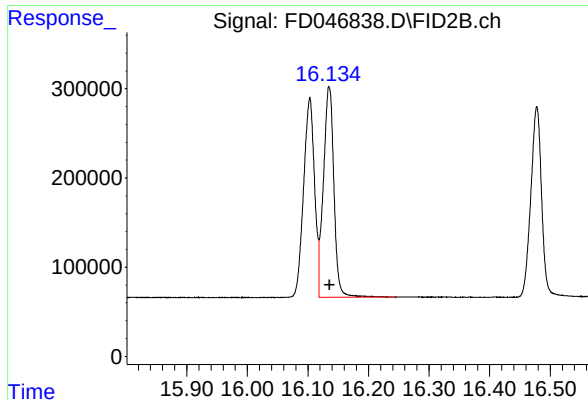
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: -0.002 min
Response: 3013740
Conc: 19.32 ug/ml



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

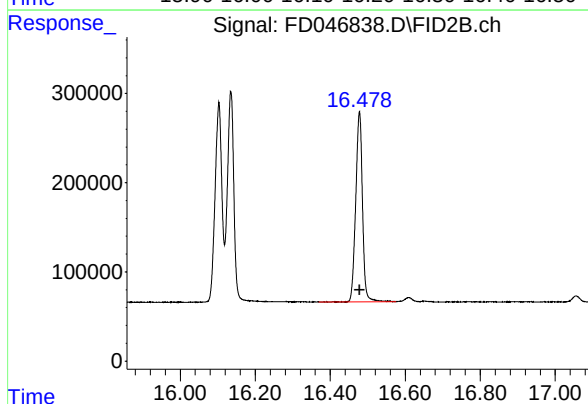
R.T.: 16.103 min
Delta R.T.: -0.001 min
Response: 2803511
Conc: 19.59 ug/ml



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

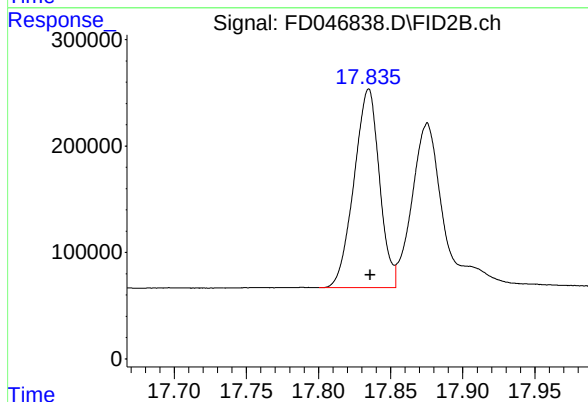
R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 2846482
Conc: 19.44 ug/ml

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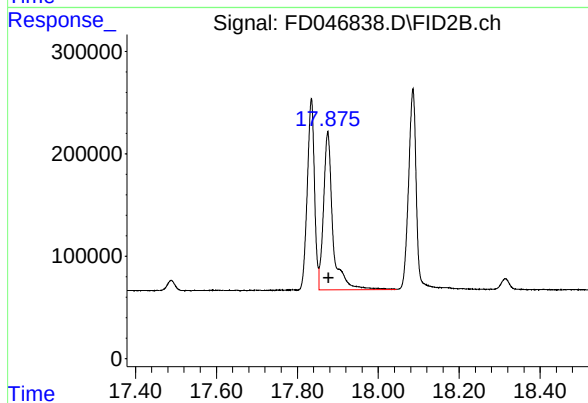
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.000 min
Response: 2661252
Conc: 18.99 ug/ml



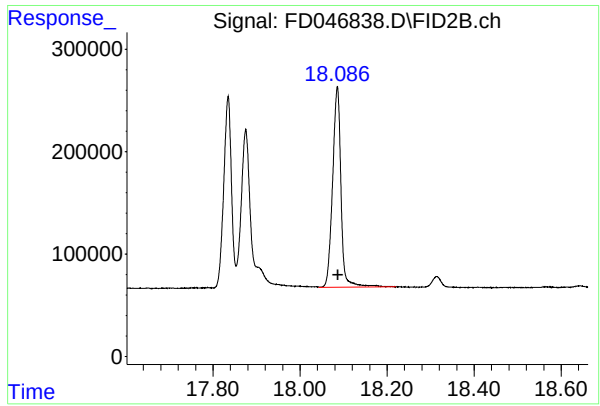
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: -0.001 min
Response: 2293066
Conc: 18.15 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.002 min
Response: 2494933
Conc: 17.86 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 2614233
Conc: 18.72 ug/ml

Instrument :

FID_D

ClientSampleId :

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