

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
 Data File : FD046652.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 07:51
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 23:51:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.488	3875646	21.992 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
6) S 2-Fluorobiphenyl (SURR)	8.342	2540204	21.925 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.85%
11) S ortho-Terphenyl (SURR)	11.379	4473828	21.960 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	4048776	21.921 ug/ml
2) T Naphthalene (C11.7)	5.828	4242810	21.957 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4277512	22.073 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3883409	22.024 ug/ml
7) T Acenaphthene (C15.5)	8.441	4150907	22.092 ug/ml
8) T Fluorene (C16.55)	9.219	4007225	22.214 ug/ml
9) T Phenanthrene (C19.36)	10.607	3823815	21.748 ug/ml
10) T Anthracene (C19.43)	10.681	3526634	22.961 ug/ml
12) T Fluoranthene (C21.85)	12.409	3758130	22.050 ug/ml
13) T Pyrene (C20.8)	12.704	3608047	21.994 ug/ml
14) T Benzo[a]anthracene (C...	14.567	3064392	21.946 ug/ml
15) T Chrysene (C27.41)	14.609	3291738	21.684 ug/ml
16) T benzo[b]fluoranthene ...	16.108	2999328	21.866 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	3102315	22.395 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	2909341	21.747 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2746932	21.914 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	2941455	22.105 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2866606	21.738 ug/ml

(f)=RT Delta > 1/2 Window

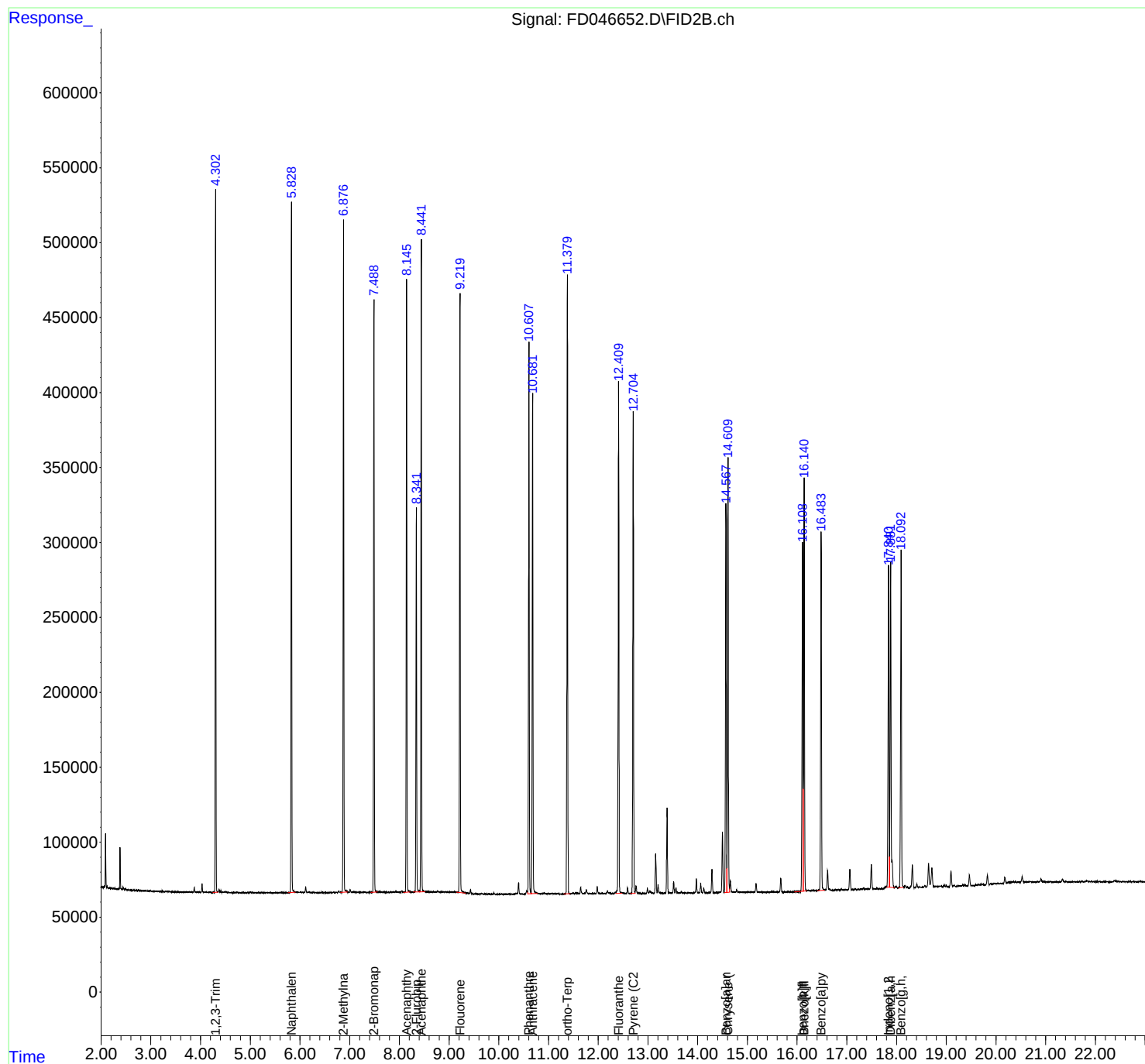
(m)=manual int.

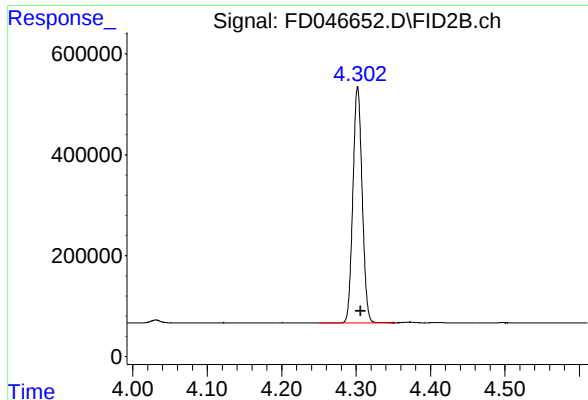
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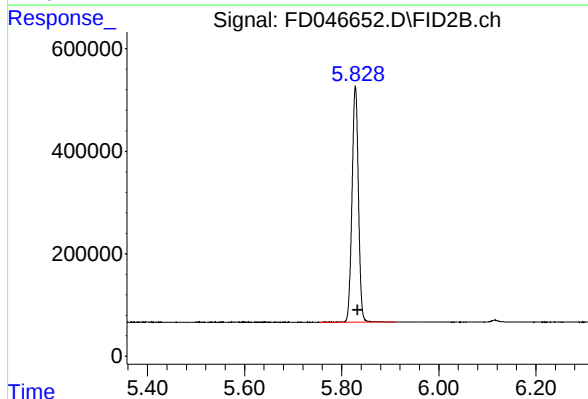




#1 1,2,3-Trimethylbenzene (C10.1)

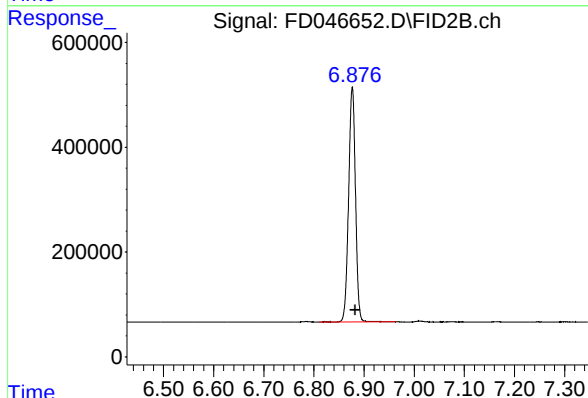
R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 4048776
Conc: 21.92 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



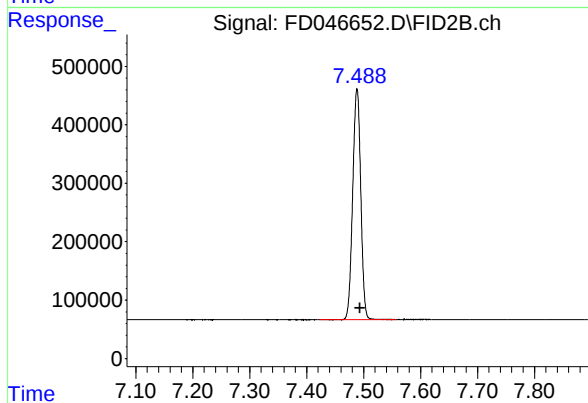
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 4242810
Conc: 21.96 ug/ml



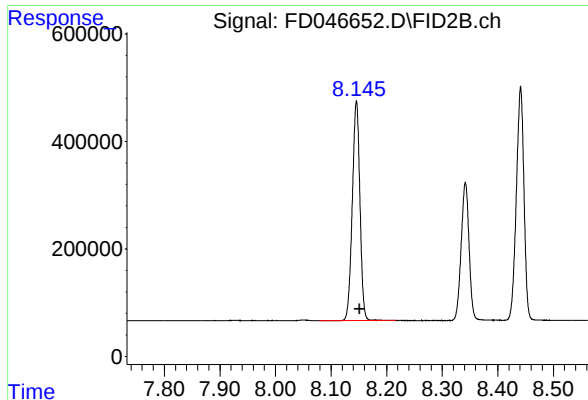
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.006 min
Response: 4277512
Conc: 22.07 ug/ml



#4 2-Bromonaphthalene (SURR)

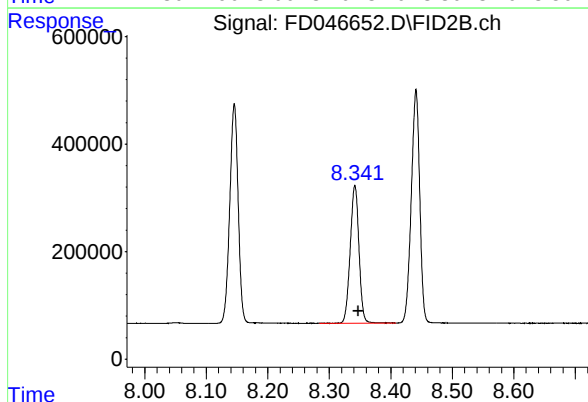
R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 3875646
Conc: 21.99 ug/ml



#5 Acenaphthylene (C15.06)

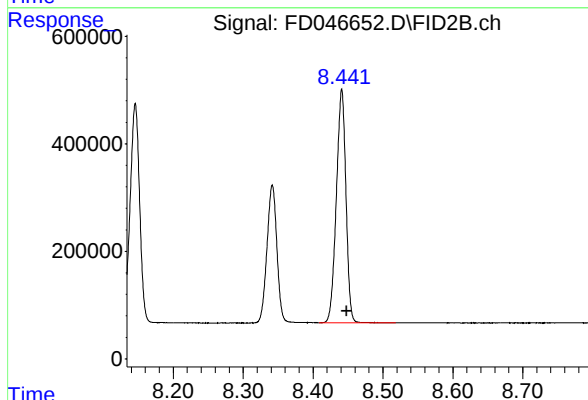
R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 3883409
Conc: 22.02 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



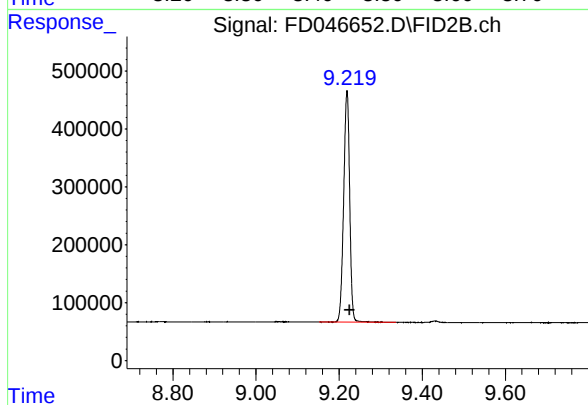
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 2540204
Conc: 21.92 ug/ml



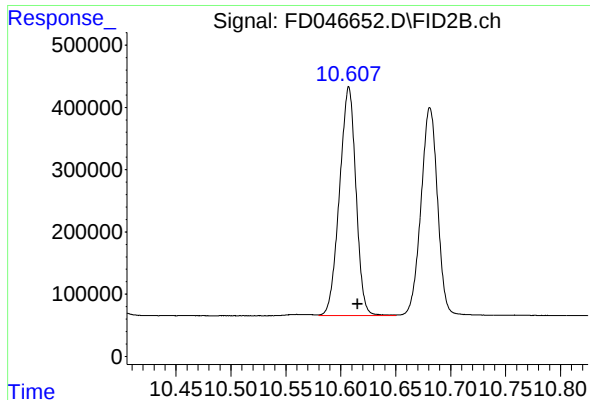
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 4150907
Conc: 22.09 ug/ml



#8 Fluorene (C16.55)

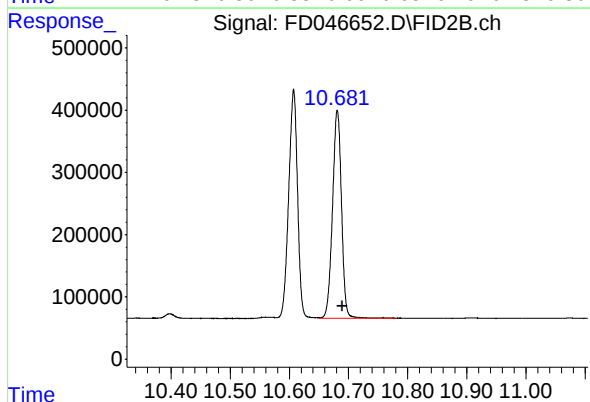
R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 4007225
Conc: 22.21 ug/ml



#9 Phenanthrene (C19.36)

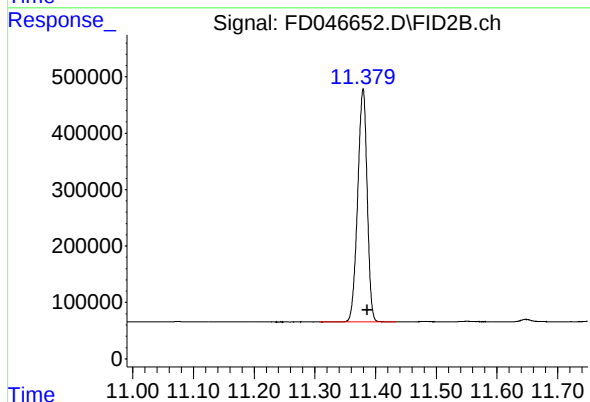
R.T.: 10.607 min
Delta R.T.: -0.008 min
Response: 3823815
Conc: 21.75 ug/ml

Instrument :
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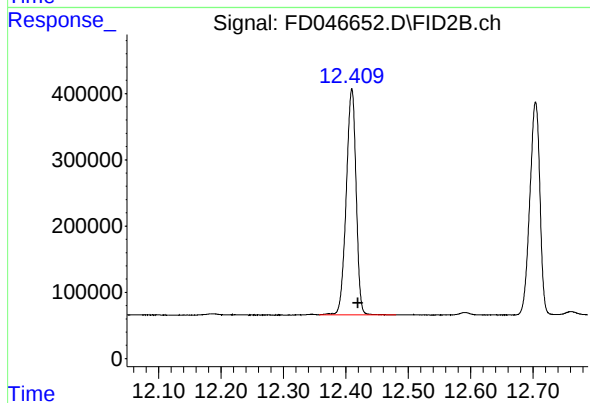
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 3526634
Conc: 22.96 ug/ml



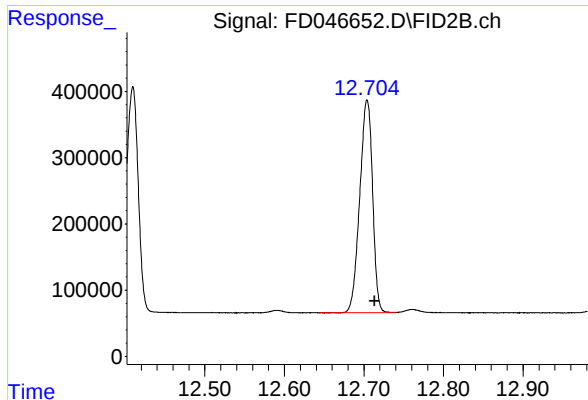
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 4473828
Conc: 21.96 ug/ml



#12 Fluoranthene (C21.85)

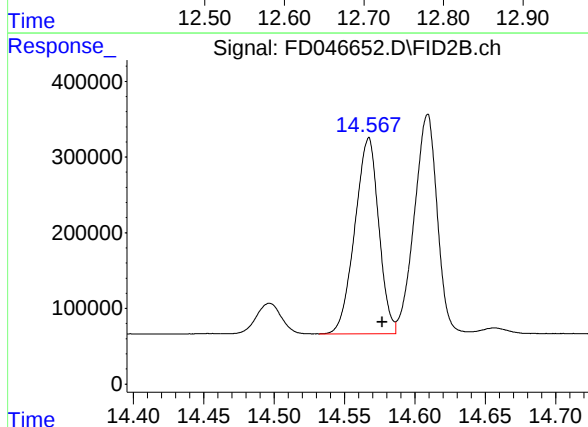
R.T.: 12.409 min
Delta R.T.: -0.010 min
Response: 3758130
Conc: 22.05 ug/ml



#13 Pyrene (C20.8)

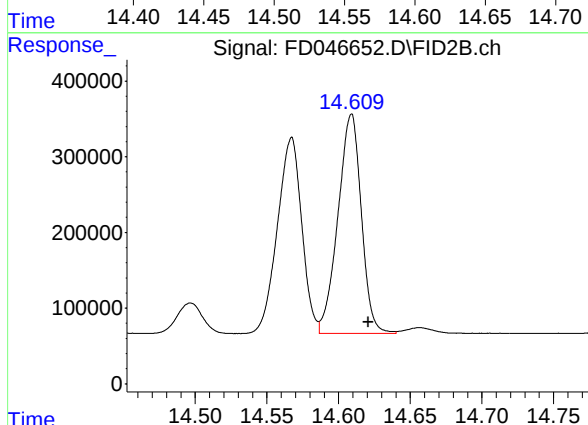
R.T.: 12.704 min
Delta R.T.: -0.010 min
Response: 3608047
Conc: 21.99 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



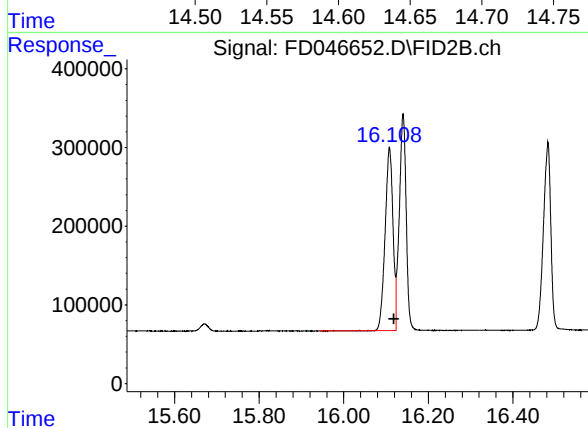
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 3064392
Conc: 21.95 ug/ml



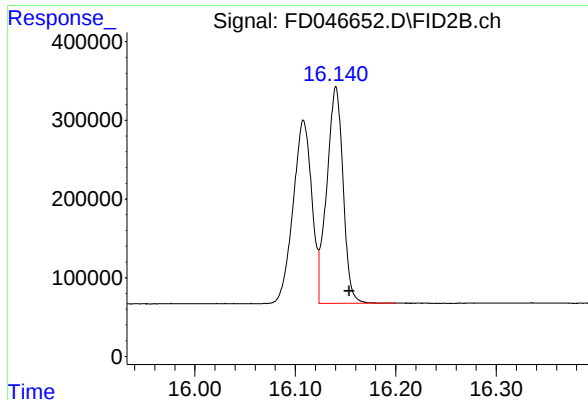
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.012 min
Response: 3291738
Conc: 21.68 ug/ml



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

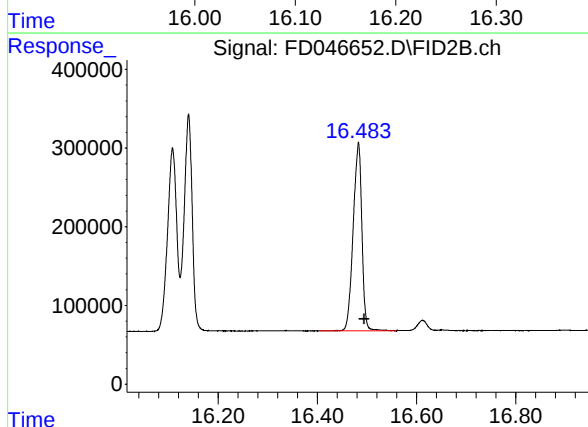
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 2999328
Conc: 21.87 ug/ml



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

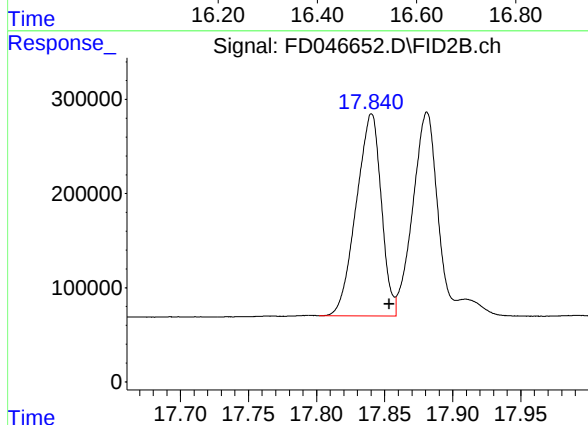
R.T.: 16.140 min
Delta R.T.: -0.013 min
Response: 3102315
Conc: 22.40 ug/ml

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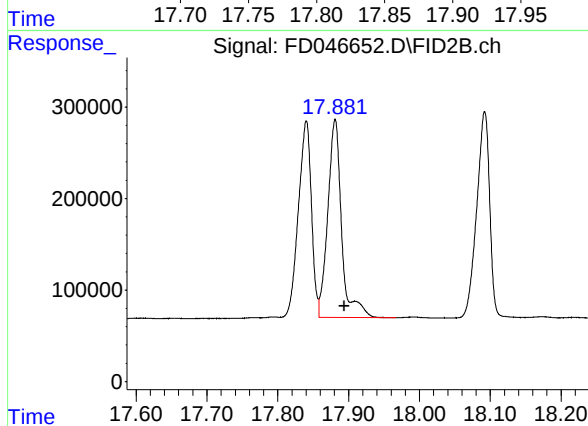
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.012 min
Response: 2909341
Conc: 21.75 ug/ml



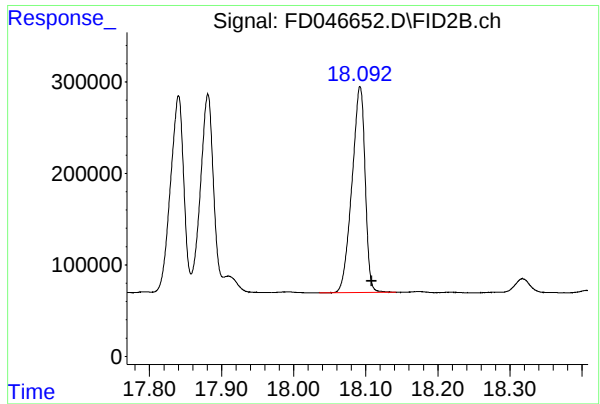
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2746932
Conc: 21.91 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 2941455
Conc: 22.10 ug/ml



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

R.T.: 18.092 min

Delta R.T.: -0.016 min

Response: 2866606

Conc: 21.74 ug/ml

Instrument :

FID_D

ClientSampleId :

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