

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092023AR\
 Data File : FD046553.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 13:11
 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: Sep 20 15:08:13 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...	7.490	3778718	21.442 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
6) S 2-Fluorobiphenyl (SURR)	8.344	2488638	21.480 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.96%
11) S ortho-Terphenyl (SURR)	11.381	4396187	21.579 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3940329	21.334 ug/ml
2) T Naphthalene (C11.7)	5.831	4141019	21.430 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	4168987	21.513 ug/ml
5) T Acenaphthylene (C15.06)	8.147	3790152	21.495 ug/ml
7) T Acenaphthene (C15.5)	8.443	4040833	21.506 ug/ml
8) T Fluorene (C16.55)	9.221	3900983	21.625 ug/ml
9) T Phenanthrene (C19.36)	10.610	3796474	21.592 ug/ml
10) T Anthracene (C19.43)	10.684	3535779	23.020 ug/ml
12) T Fluoranthene (C21.85)	12.412	3711219	21.774 ug/ml
13) T Pyrene (C20.8)	12.706	3584254	21.849 ug/ml
14) T Benzo[a]anthracene (C...	14.569	3052485	21.861 ug/ml
15) T Chrysene (C27.41)	14.611	3267678	21.526 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2992030	21.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	3071213	22.171 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2883786	21.556 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	2686269	21.430 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2883755	21.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	2825285	21.424 ug/ml

(f)=RT Delta > 1/2 Window

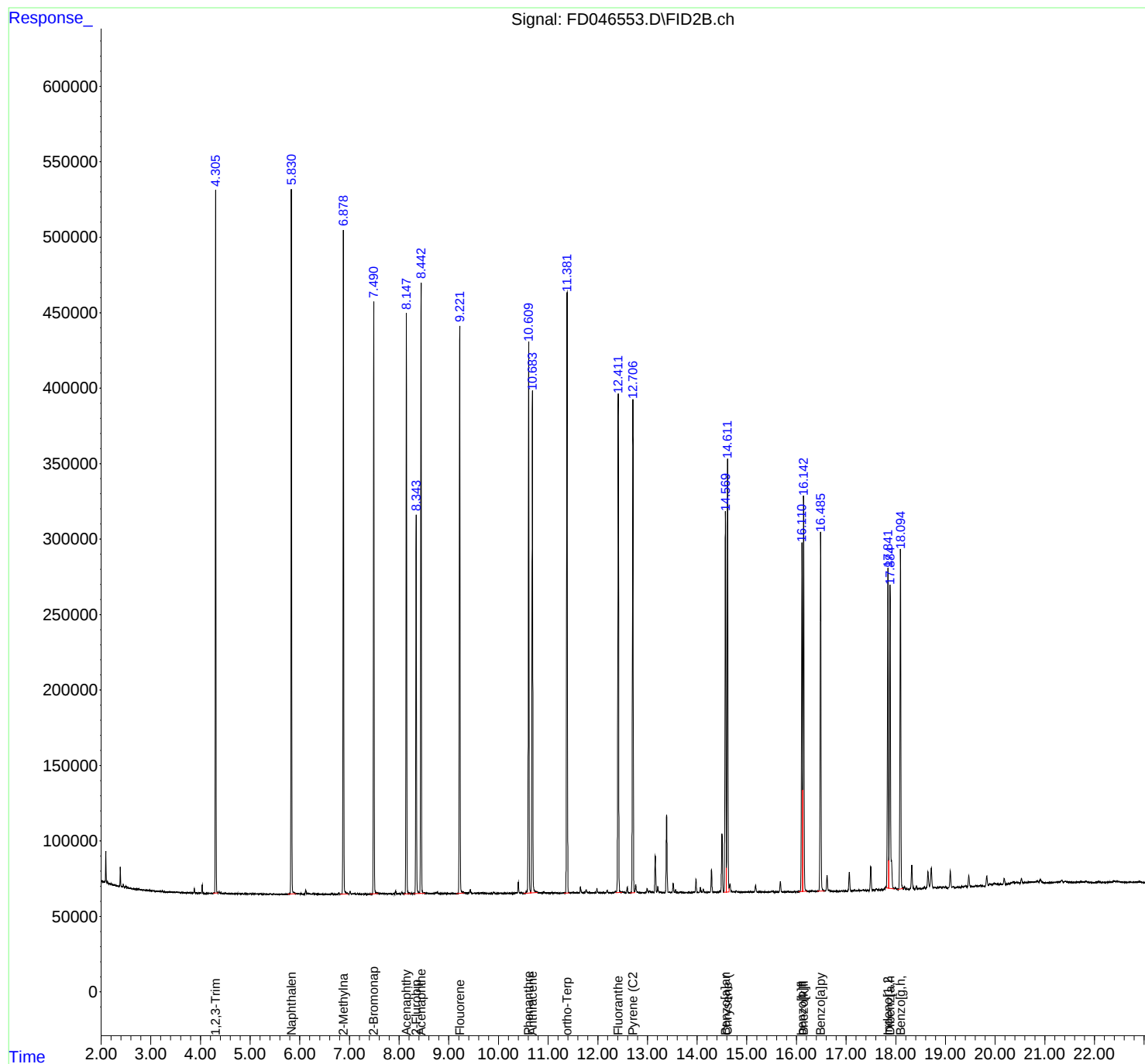
(m)=manual int.

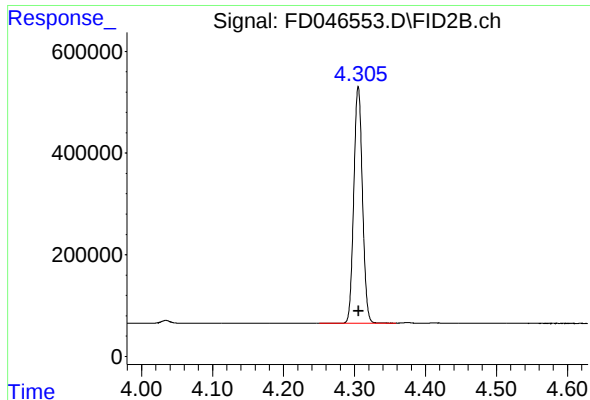
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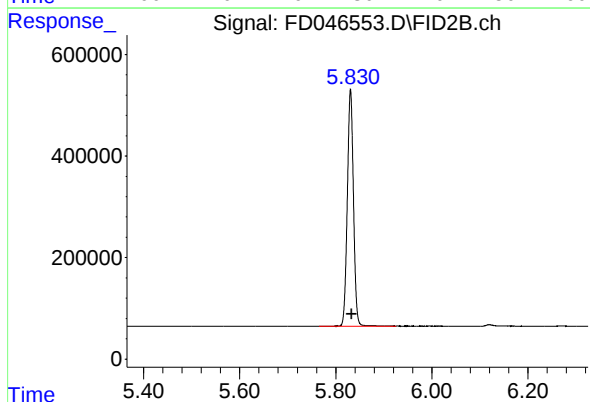




#1 1,2,3-Trimethylbenzene (C10.1)

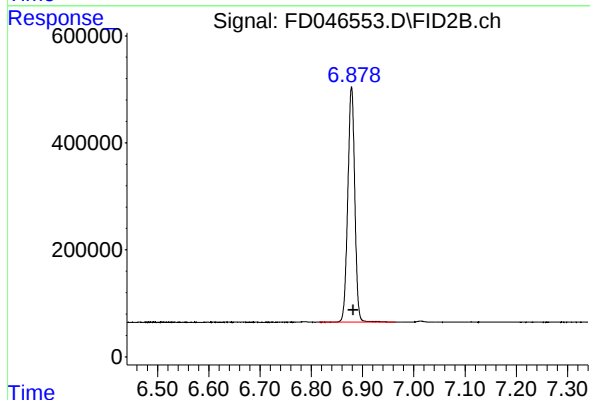
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 3940329
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



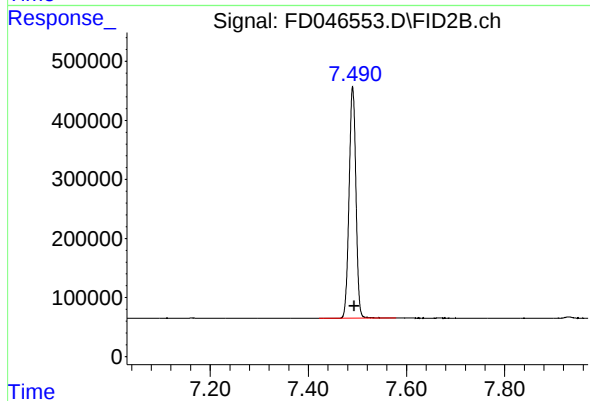
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 4141019
Conc: 21.43 ug/ml



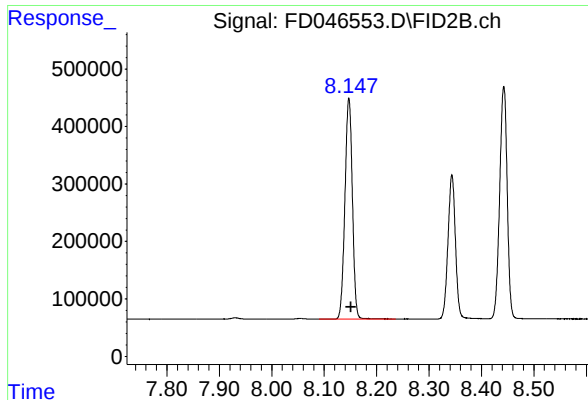
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 4168987
Conc: 21.51 ug/ml



#4 2-Bromonaphthalene (SURR)

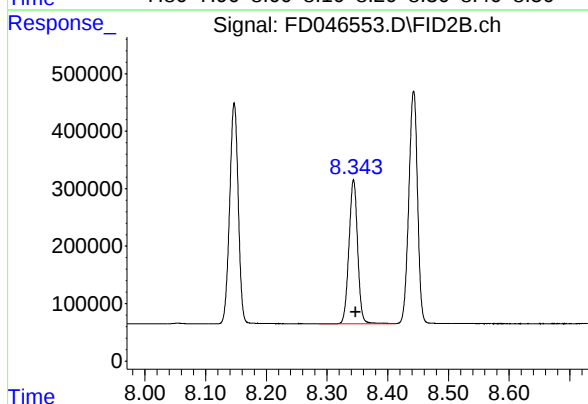
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 3778718
Conc: 21.44 ug/ml



#5 Acenaphthylene (C15.06)

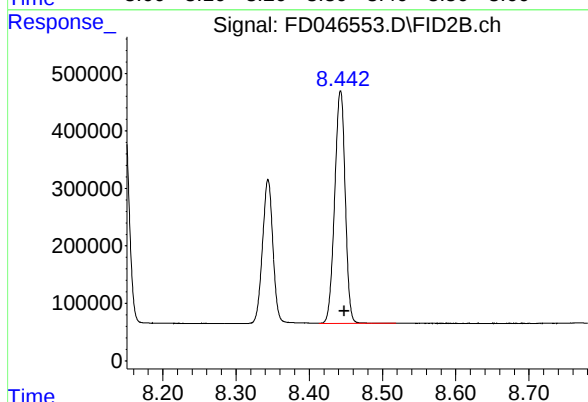
R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 3790152
Conc: 21.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



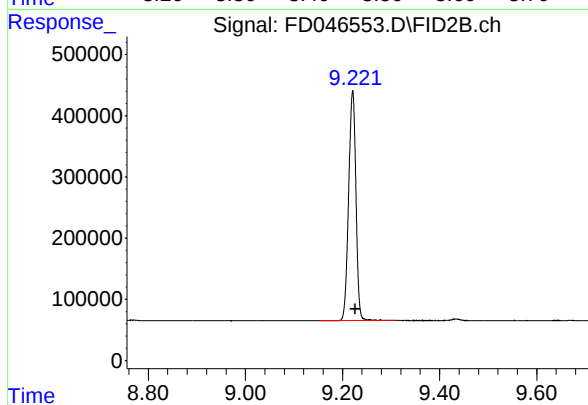
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 2488638
Conc: 21.48 ug/ml



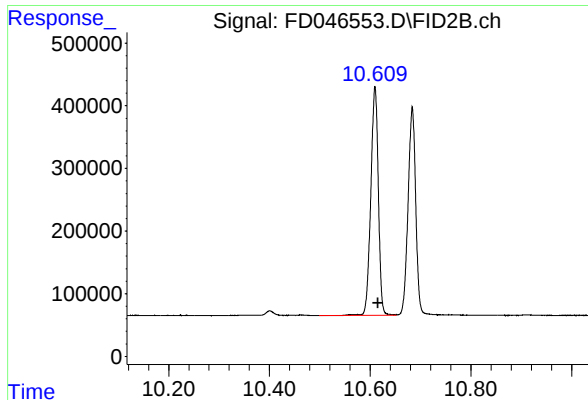
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 4040833
Conc: 21.51 ug/ml



#8 Fluorene (C16.55)

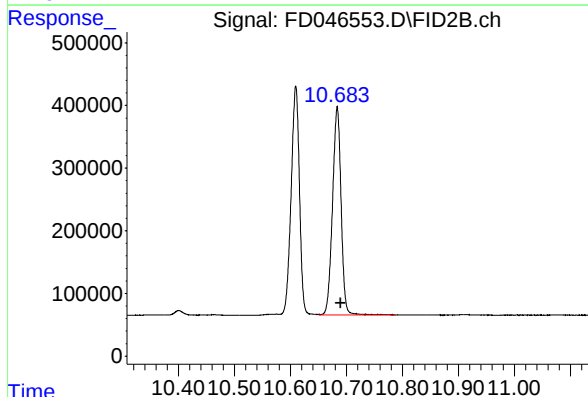
R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 3900983
Conc: 21.63 ug/ml



#9 Phenanthrene (C19.36)

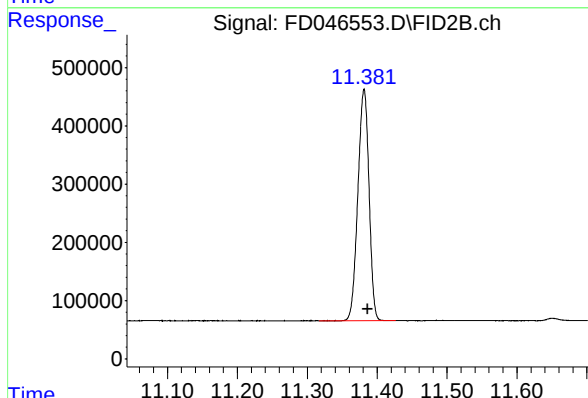
R.T.: 10.610 min
Delta R.T.: -0.006 min
Response: 3796474
Conc: 21.59 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



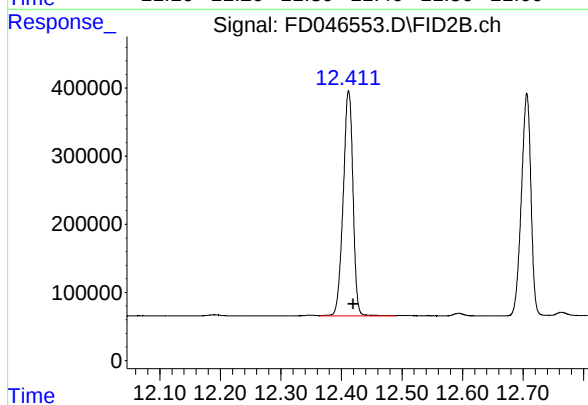
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.006 min
Response: 3535779
Conc: 23.02 ug/ml



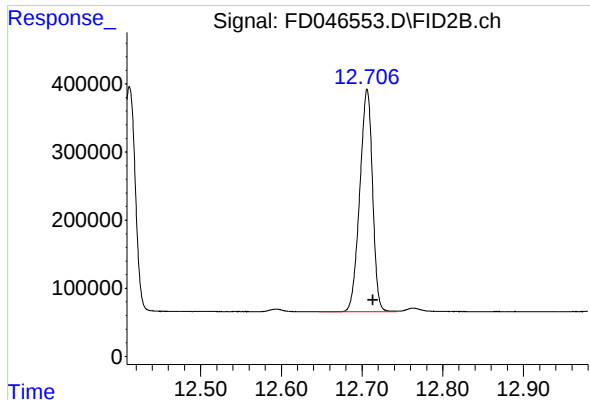
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 4396187
Conc: 21.58 ug/ml



#12 Fluoranthene (C21.85)

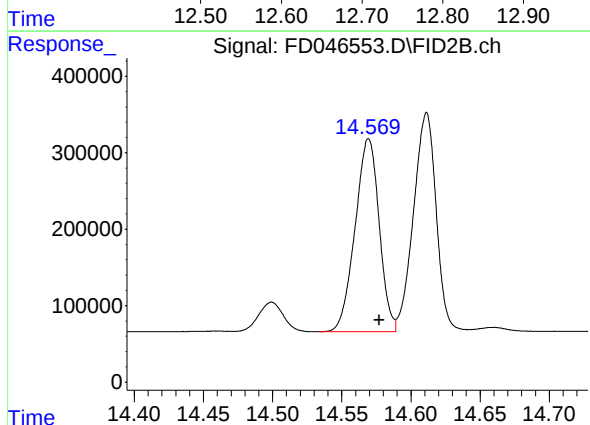
R.T.: 12.412 min
Delta R.T.: -0.008 min
Response: 3711219
Conc: 21.77 ug/ml



#13 Pyrene (C20.8)

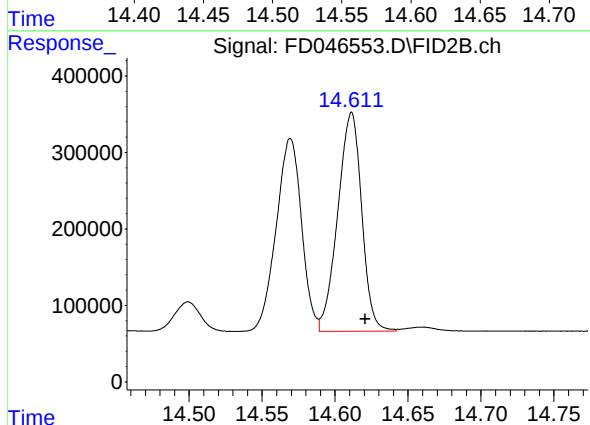
R.T.: 12.706 min
Delta R.T.: -0.007 min
Response: 3584254
Conc: 21.85 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



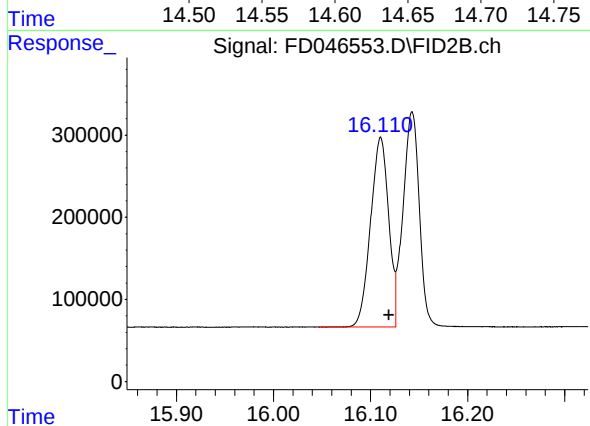
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: -0.008 min
Response: 3052485
Conc: 21.86 ug/ml



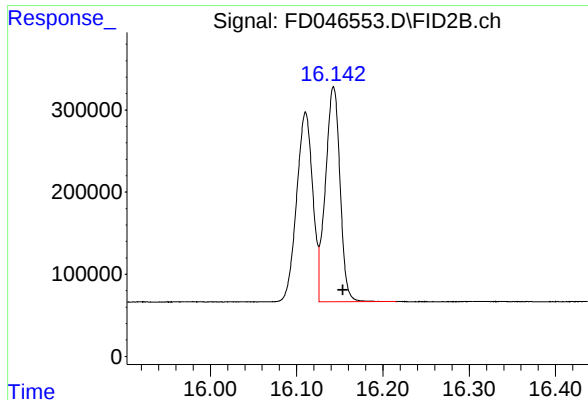
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.010 min
Response: 3267678
Conc: 21.53 ug/ml



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

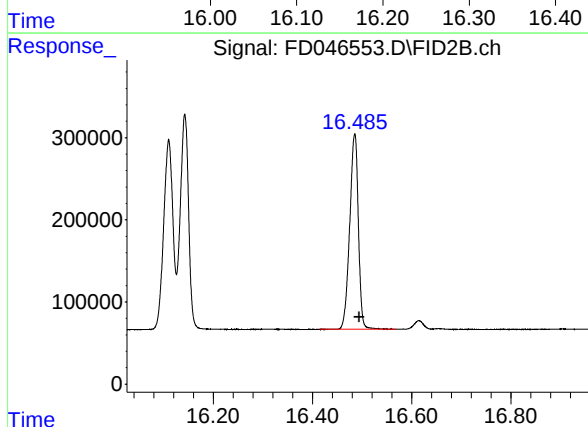
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 2992030
Conc: 21.81 ug/ml



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

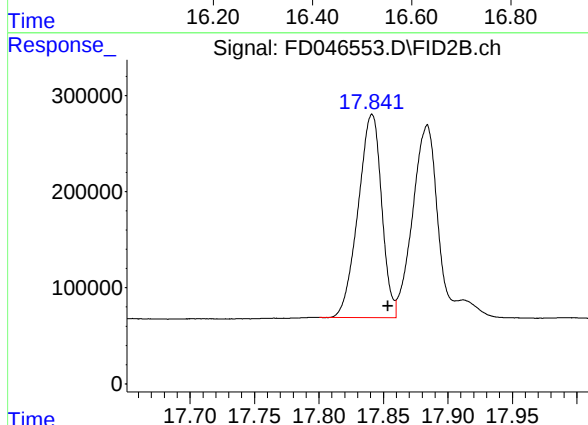
R.T.: 16.143 min
Delta R.T.: -0.011 min
Response: 3071213
Conc: 22.17 ug/ml

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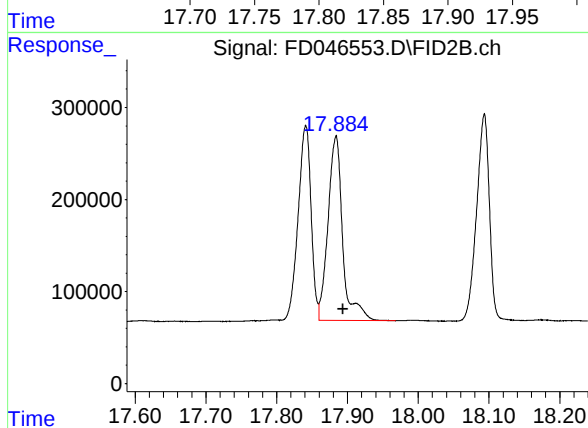
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.009 min
Response: 2883786
Conc: 21.56 ug/ml



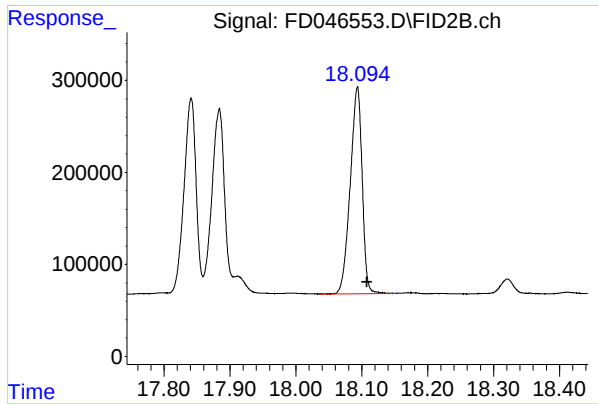
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: -0.012 min
Response: 2686269
Conc: 21.43 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.011 min
Response: 2883755
Conc: 21.67 ug/ml



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

R.T.: 18.093 min

Delta R.T.: -0.015 min

Response: 2825285

Conc: 21.42 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD