

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045883.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 12:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 20 01:23:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.523	3663268	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
6) S 2-Fluorobiphenyl (SURR)	8.379	2398494	19.950 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.90%
11) S ortho-Terphenyl (SURR)	11.417	4437127	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.333	4136216	20.489 ug/ml
2) T Naphthalene (C11.7)	5.863	4298737	20.287 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	4265206	20.195 ug/ml
5) T Acenaphthylene (C15.06)	8.183	3808887	20.104 ug/ml
7) T Acenaphthene (C15.5)	8.478	4076298	20.162 ug/ml
8) T Fluorene (C16.55)	9.256	3940552	19.888 ug/ml
9) T Phenanthrene (C19.36)	10.647	3756356	19.635 ug/ml
10) T Anthracene (C19.43)	10.720	3282316	19.268 ug/ml
12) T Fluoranthene (C21.85)	12.451	3536254	19.141 ug/ml
13) T Pyrene (C20.8)	12.745	3437045	19.245 ug/ml
14) T Benzo[a]anthracene (C...	14.609	3035396	19.387 ug/ml
15) T Chrysene (C27.41)	14.651	3182472	19.290 ug/ml
16) T benzo[b]fluoranthene ...	16.151	3081683	20.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.184	3056788	19.744 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	3007287	20.564 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	3018714	20.610 ug/ml
20) T Dibenz[a,h]anthracene...	17.925	3134631	20.895 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	3140777	21.286 ug/ml

(f)=RT Delta > 1/2 Window

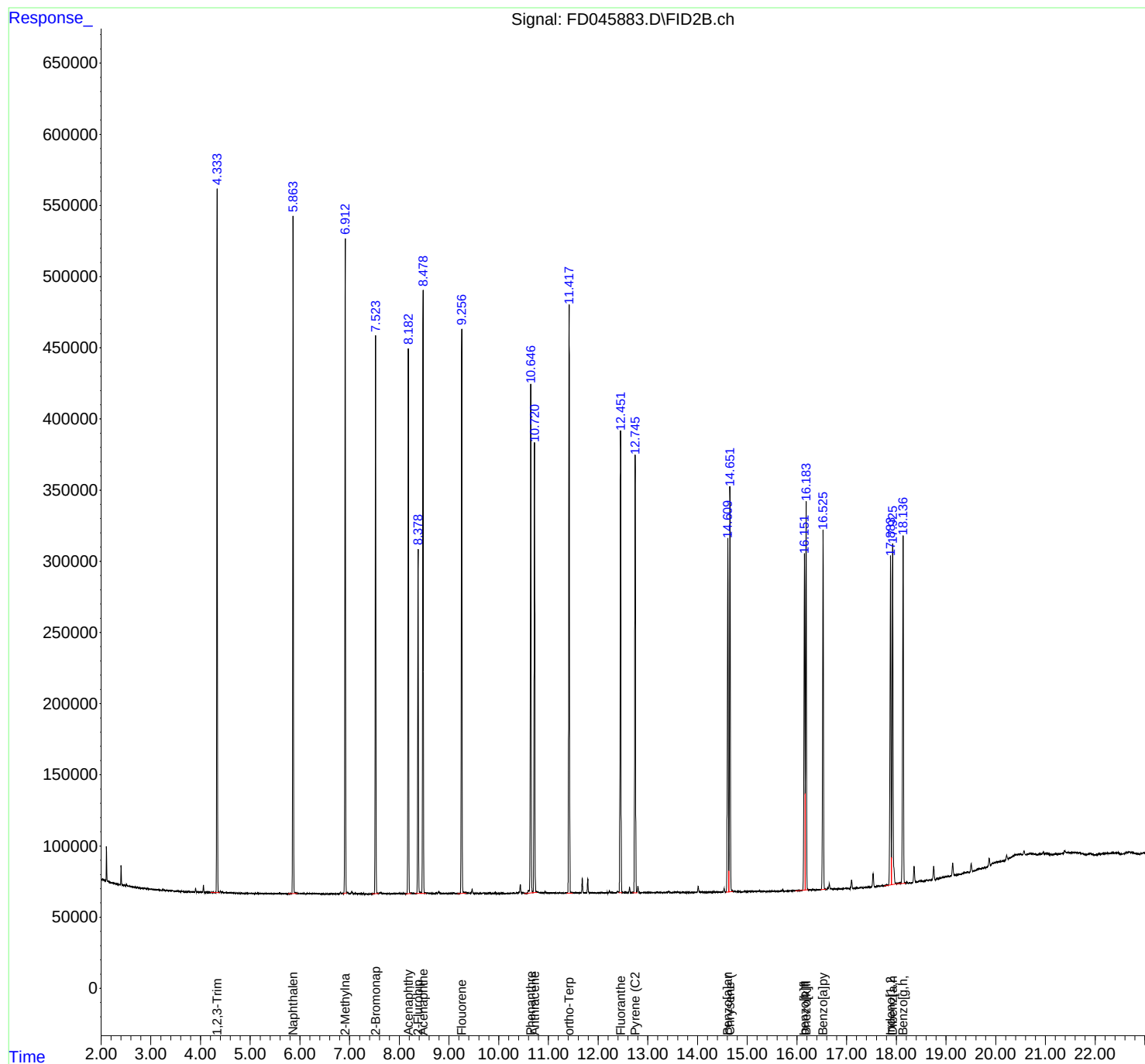
(m)=manual int.

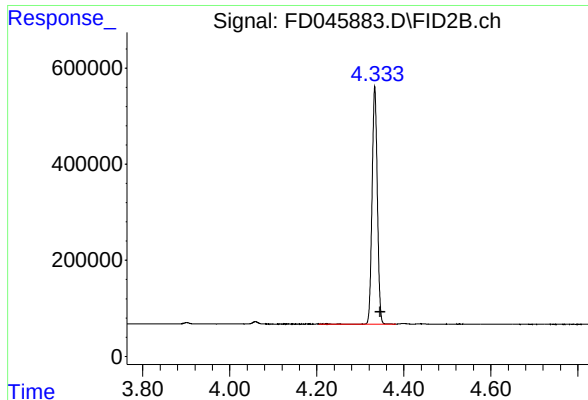
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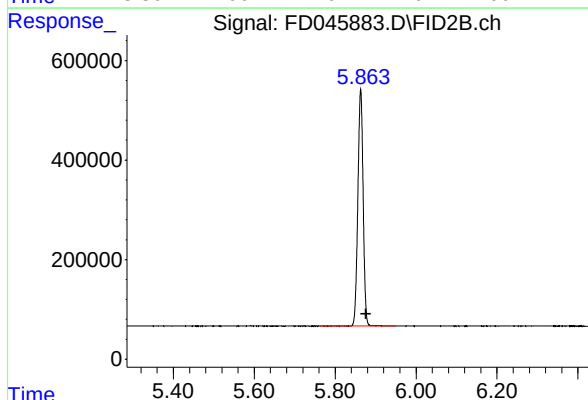




#1 1,2,3-Trimethylbenzene (C10.1)

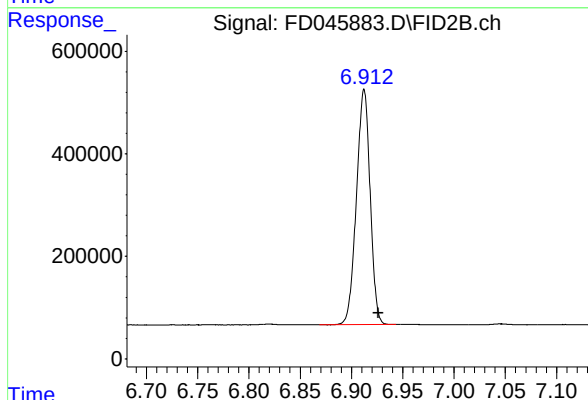
R.T.: 4.333 min
Delta R.T.: -0.013 min
Response: 4136216
Conc: 20.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



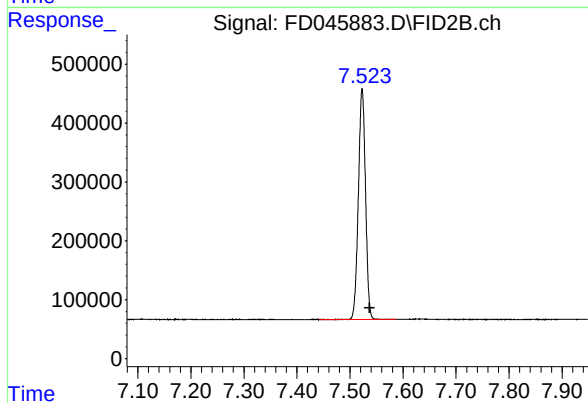
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 4298737
Conc: 20.29 ug/ml



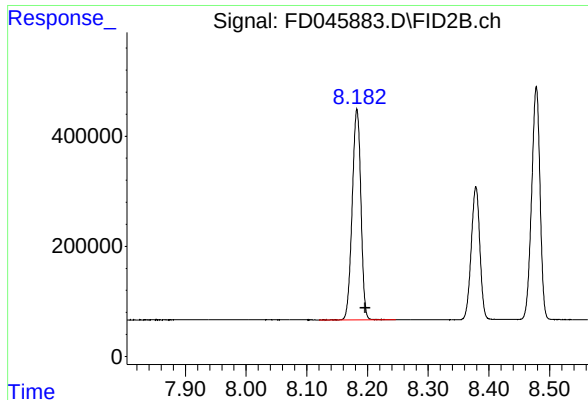
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 4265206
Conc: 20.19 ug/ml



#4 2-Bromonaphthalene (SURR)

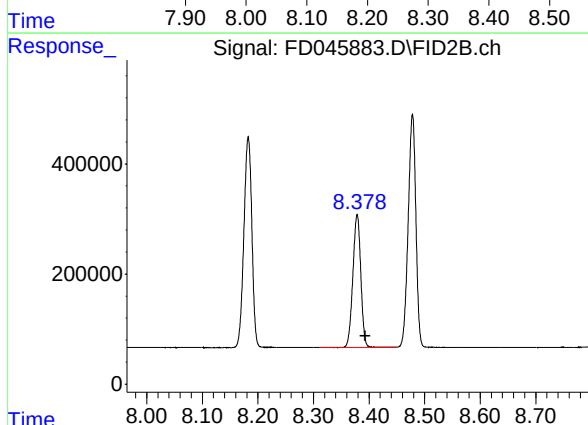
R.T.: 7.523 min
Delta R.T.: -0.014 min
Response: 3663268
Conc: 20.32 ug/ml



#5 Acenaphthylene (C15.06)

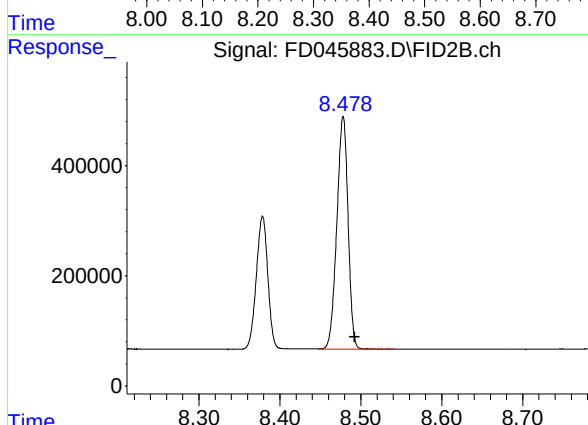
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 3808887
Conc: 20.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



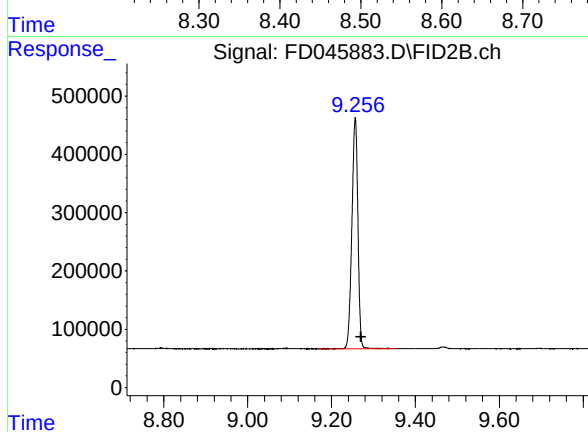
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 2398494
Conc: 19.95 ug/ml



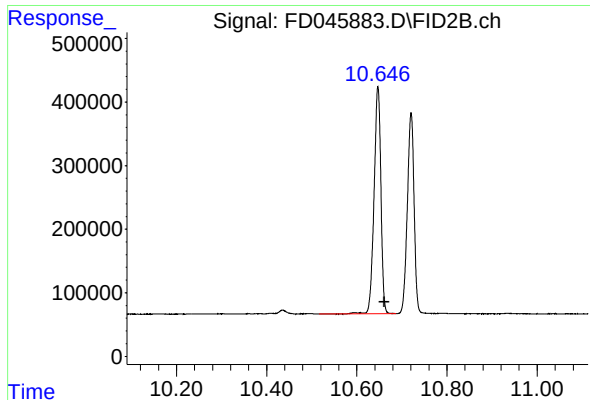
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 4076298
Conc: 20.16 ug/ml



#8 Fluorene (C16.55)

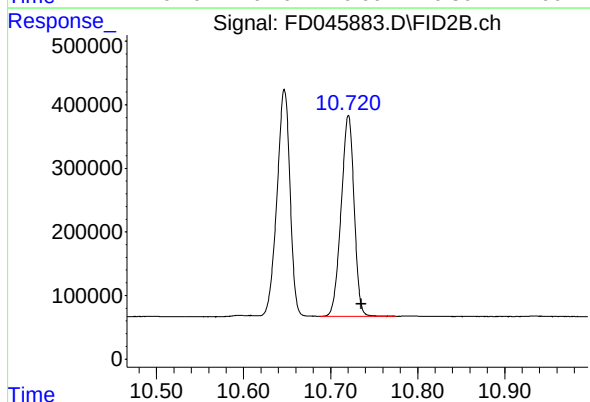
R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 3940552
Conc: 19.89 ug/ml



#9 Phenanthrene (C19.36)

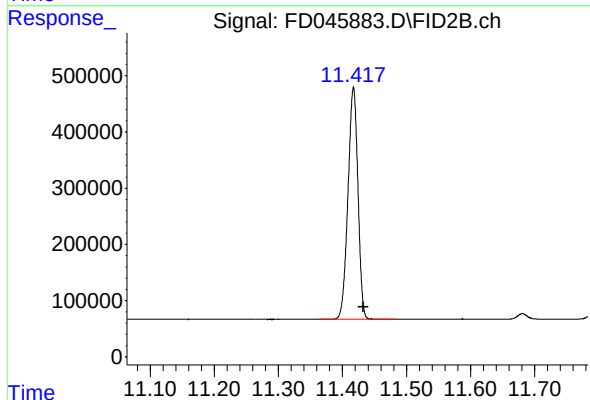
R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 3756356
Conc: 19.63 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



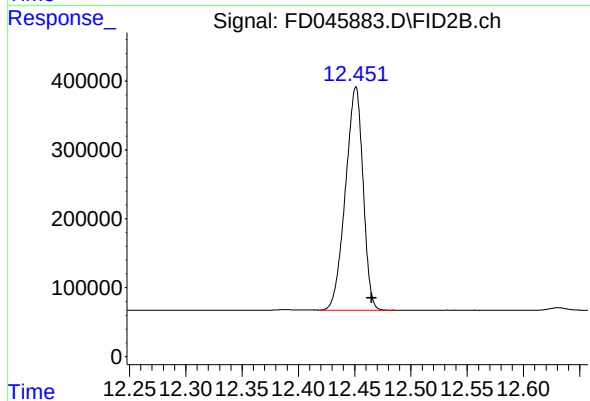
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 3282316
Conc: 19.27 ug/ml



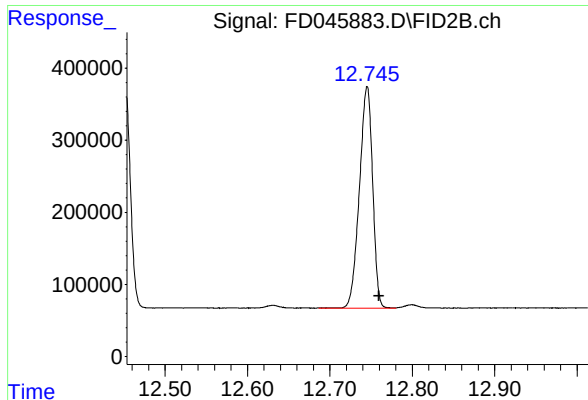
#11 ortho-Terphenyl (SURRE)

R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 4437127
Conc: 19.86 ug/ml



#12 Fluoranthene (C21.85)

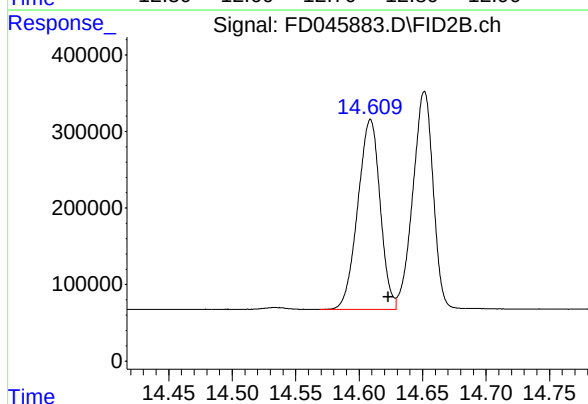
R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 3536254
Conc: 19.14 ug/ml



#13 Pyrene (C20.8)

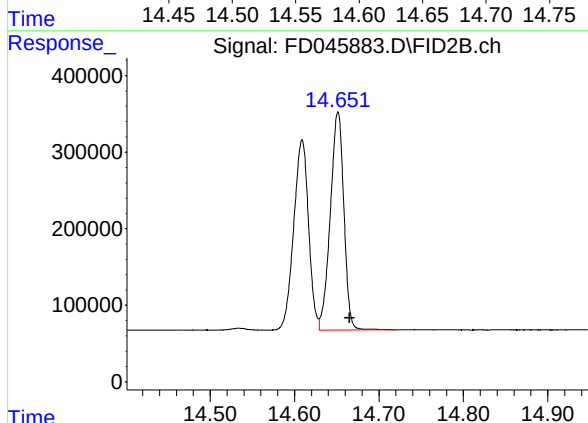
R.T.: 12.745 min
Delta R.T.: -0.014 min
Response: 3437045
Conc: 19.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



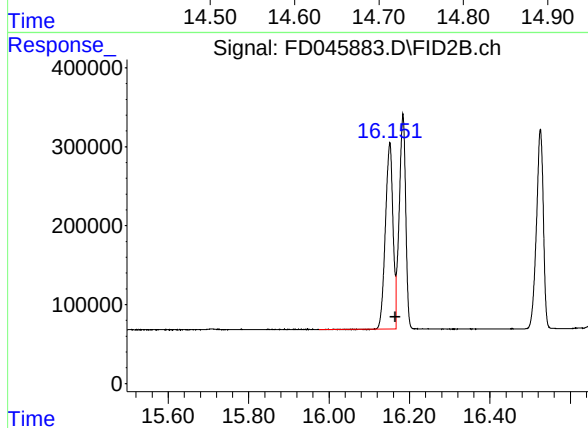
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.609 min
Delta R.T.: -0.014 min
Response: 3035396
Conc: 19.39 ug/ml



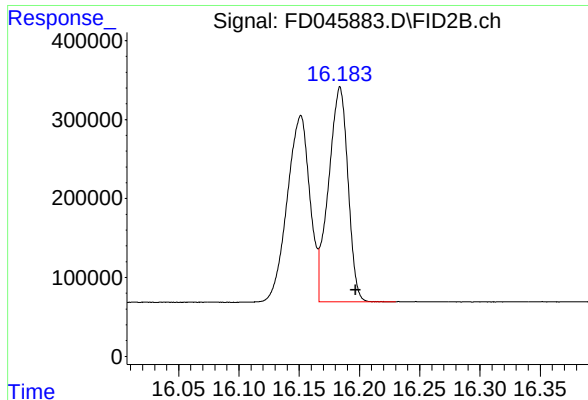
#15 Chrysene (C27.41)

R.T.: 14.651 min
Delta R.T.: -0.014 min
Response: 3182472
Conc: 19.29 ug/ml



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

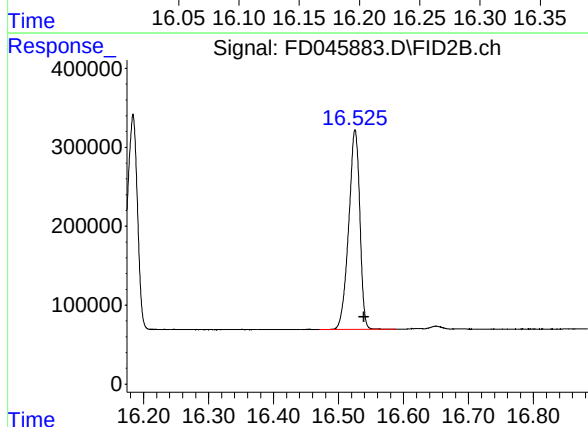
R.T.: 16.151 min
Delta R.T.: -0.014 min
Response: 3081683
Conc: 20.36 ug/ml



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

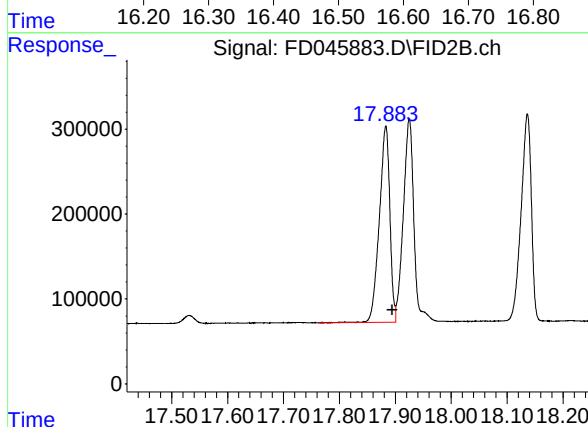
R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 3056788
Conc: 19.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



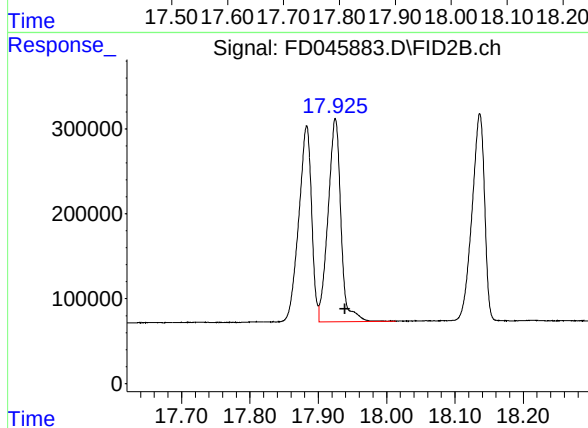
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: -0.014 min
Response: 3007287
Conc: 20.56 ug/ml



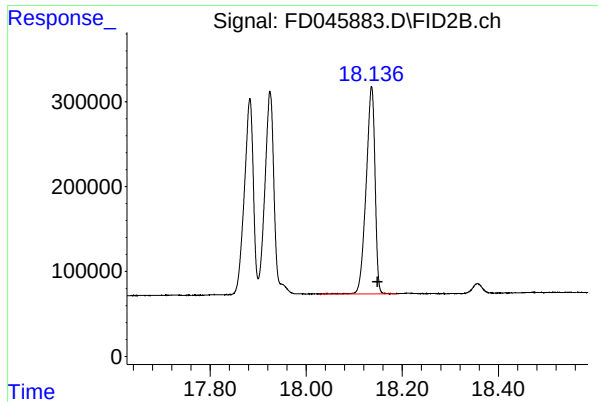
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 3018714
Conc: 20.61 ug/ml



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

R.T.: 17.925 min
Delta R.T.: -0.014 min
Response: 3134631
Conc: 20.90 ug/ml



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

R.T.: 18.136 min
Delta R.T.: -0.013 min
Response: 3140777
Conc: 21.29 ug/ml

Instrument :

FID_D

ClientSampleId :

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