

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045663.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2023 12:31
 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: May 18 03:45:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.545	3565620	20.904 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
6) S 2-Fluorobiphenyl (SURR)	8.401	2416737	21.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.04%
11) S ortho-Terphenyl (SURR)	11.441	4440278	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3931864	21.064 ug/ml
2) T Naphthalene (C11.7)	5.884	4132599	21.010 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	4154356	21.030 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3762590	20.942 ug/ml
7) T Acenaphthene (C15.5)	8.500	4013014	21.088 ug/ml
8) T Flouorene (C16.55)	9.279	3972235	21.062 ug/ml
9) T Phenanthrene (C19.36)	10.670	3878128	20.864 ug/ml
10) T Anthracene (C19.43)	10.743	3306974	18.498 ug/ml
12) T Fluoranthene (C21.85)	12.473	3811898	21.131 ug/ml
13) T Pyrene (C20.8)	12.768	3686881	21.037 ug/ml
14) T Benzo[a]anthracene (C...	14.632	3248596	20.410 ug/ml
15) T Chrysene (C27.41)	14.675	3360745	20.697 ug/ml
16) T benzo[b]fluoranthene ...	16.174	3065090	20.812 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	3053790	21.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	2843288	20.393 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.905	2676838	21.069 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	2833923	22.066 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	2714126	21.101 ug/ml

(f)=RT Delta > 1/2 Window

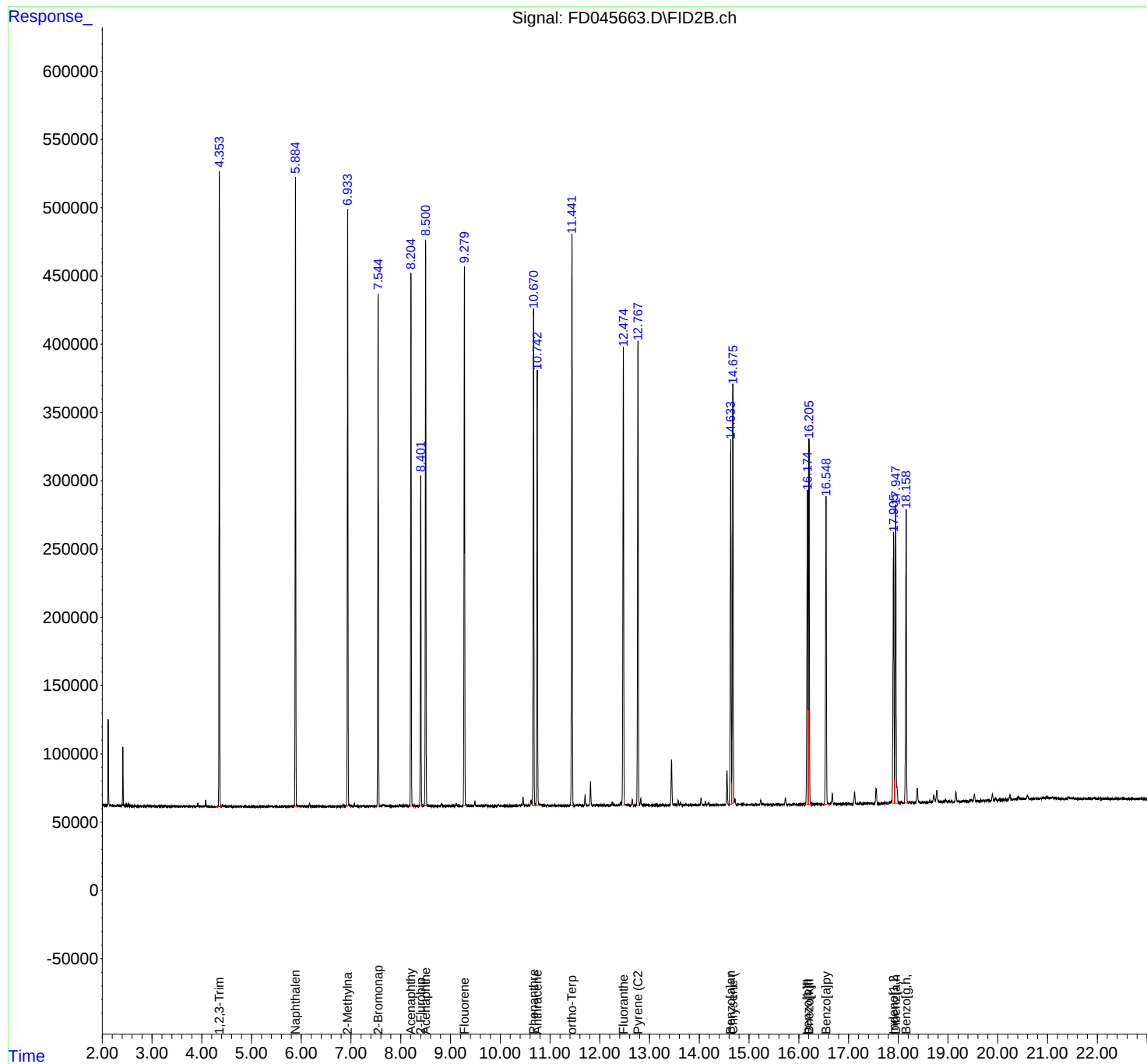
(m)=manual int.

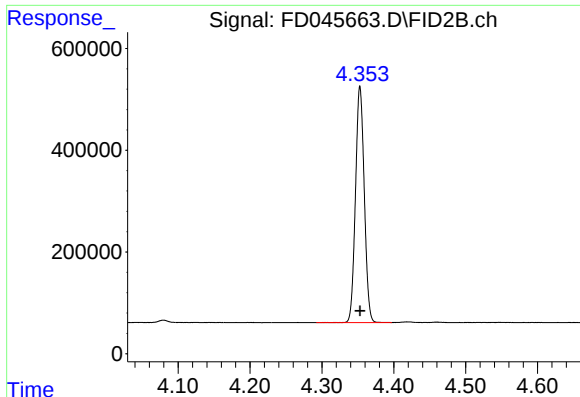
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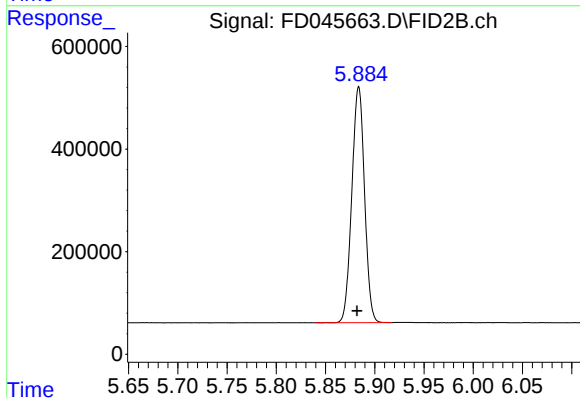




#1 1,2,3-Trimethylbenzene (C10.1)

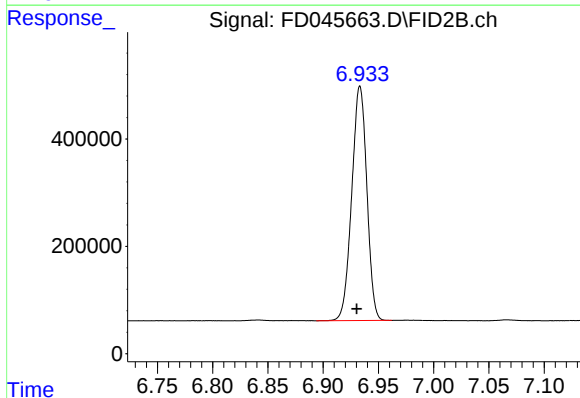
R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 3931864
Conc: 21.06 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



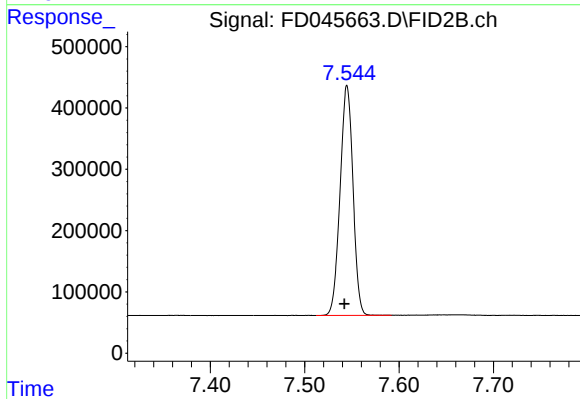
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: 0.002 min
Response: 4132599
Conc: 21.01 ug/ml



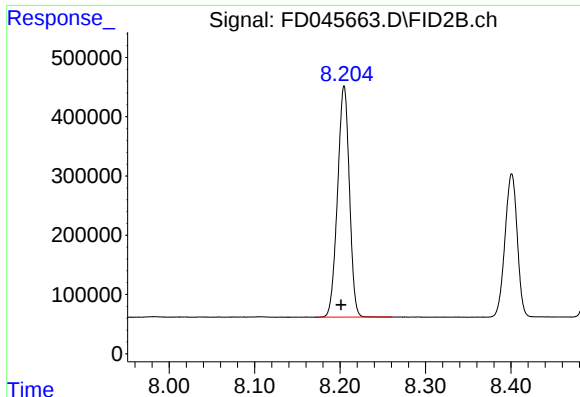
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.003 min
Response: 4154356
Conc: 21.03 ug/ml



#4 2-Bromonaphthalene (SURR)

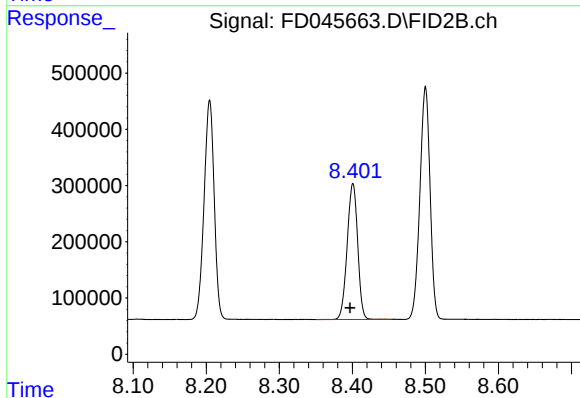
R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 3565620
Conc: 20.90 ug/ml



#5 Acenaphthylene (C15.06)

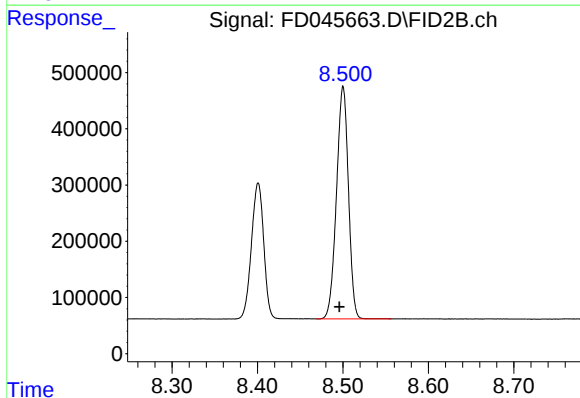
R.T.: 8.205 min
Delta R.T.: 0.003 min
Response: 3762590
Conc: 20.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



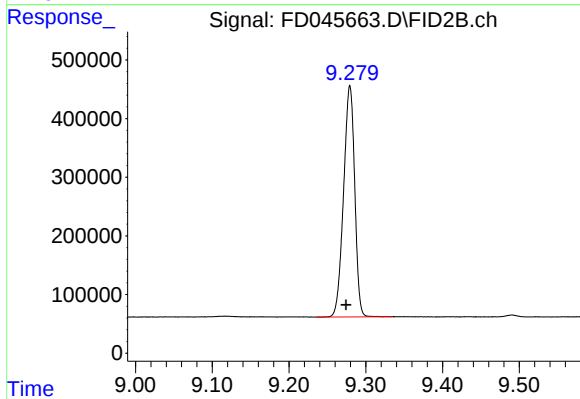
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 2416737
Conc: 21.02 ug/ml



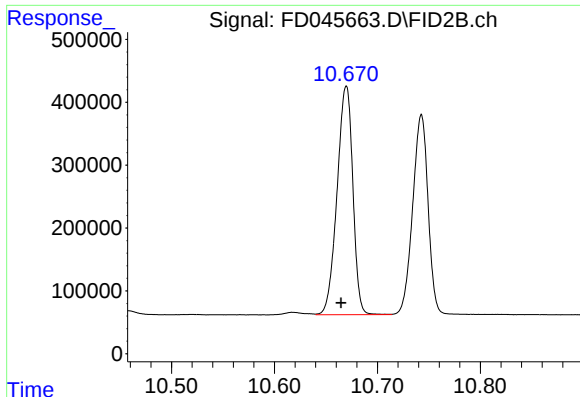
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.004 min
Response: 4013014
Conc: 21.09 ug/ml



#8 Fluorene (C16.55)

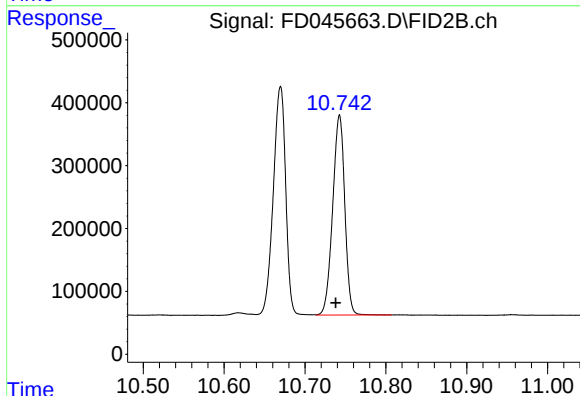
R.T.: 9.279 min
Delta R.T.: 0.005 min
Response: 3972235
Conc: 21.06 ug/ml



#9 Phenanthrene (C19.36)

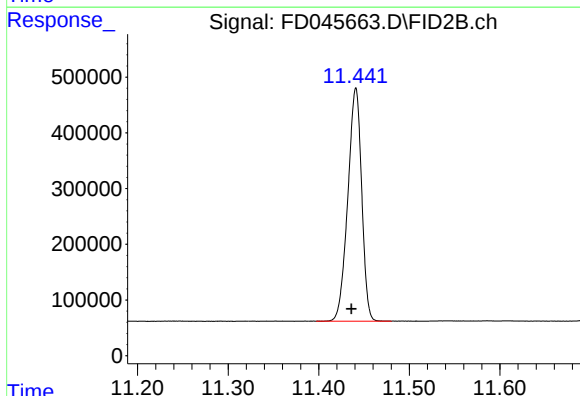
R.T.: 10.670 min
Delta R.T.: 0.005 min
Response: 3878128
Conc: 20.86 ug/ml

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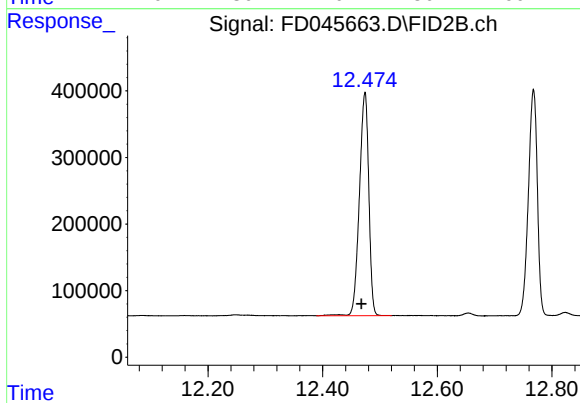
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.004 min
Response: 3306974
Conc: 18.50 ug/ml



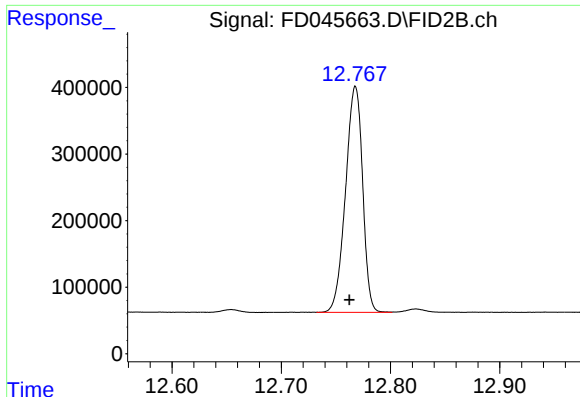
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: 0.005 min
Response: 4440278
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

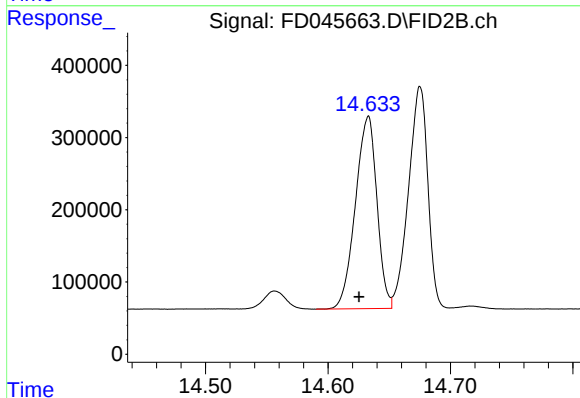
R.T.: 12.473 min
Delta R.T.: 0.005 min
Response: 3811898
Conc: 21.13 ug/ml



#13 Pyrene (C20.8)

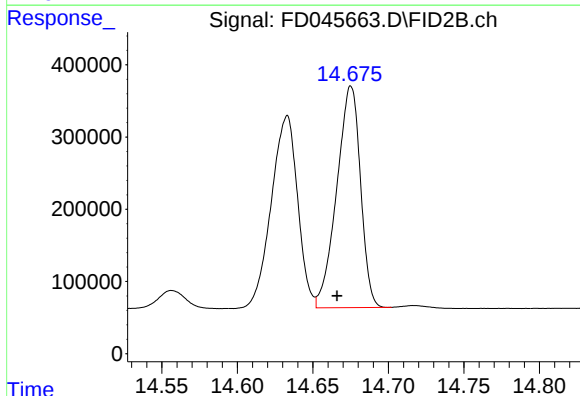
R.T.: 12.768 min
Delta R.T.: 0.005 min
Response: 3686881
Conc: 21.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



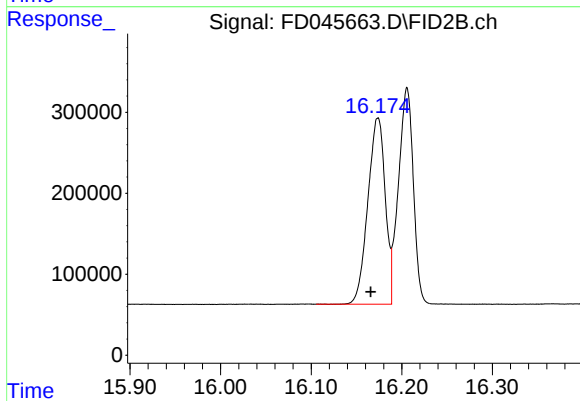
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: 0.007 min
Response: 3248596
Conc: 20.41 ug/ml



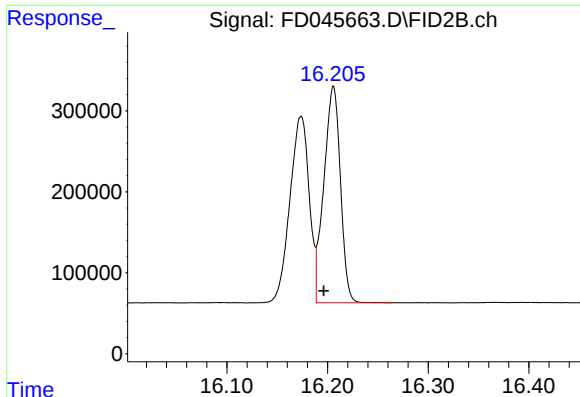
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: 0.009 min
Response: 3360745
Conc: 20.70 ug/ml



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

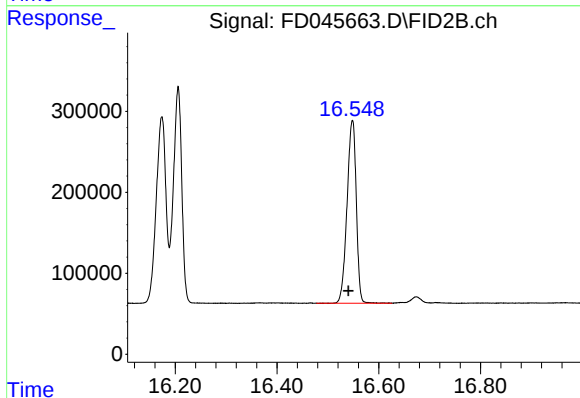
R.T.: 16.174 min
Delta R.T.: 0.008 min
Response: 3065090
Conc: 20.81 ug/ml



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

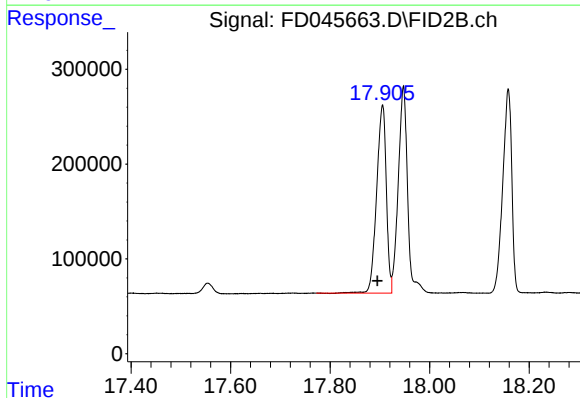
R.T.: 16.206 min
Delta R.T.: 0.010 min
Response: 3053790
Conc: 21.12 ug/ml

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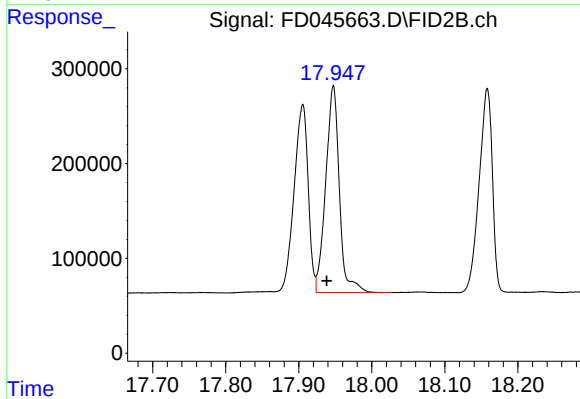
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.548 min
Delta R.T.: 0.008 min
Response: 2843288
Conc: 20.39 ug/ml



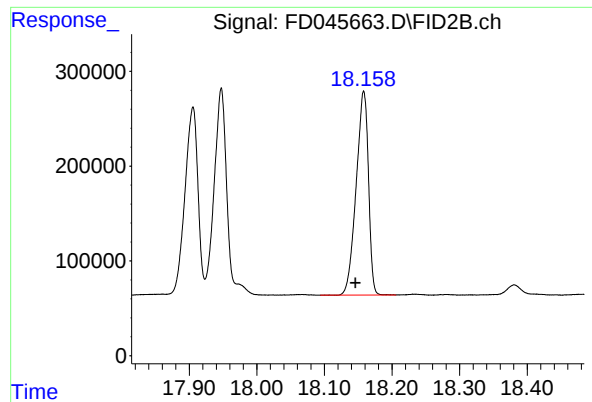
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.905 min
Delta R.T.: 0.010 min
Response: 2676838
Conc: 21.07 ug/ml



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

R.T.: 17.947 min
Delta R.T.: 0.009 min
Response: 2833923
Conc: 22.07 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.012 min
Response: 2714126
Conc: 21.10 ug/ml

Instrument :

FID_D

ClientSampleId :

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