

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121422AR\
 Data File : FD044656.D
 Signal(s) : FID2B.ch
 Acq On : 15 Dec 2022 00:18
 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: Dec 15 03:16:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.680	2747591	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
6) S 2-Fluorobiphenyl (SURR)	8.537	1853503	20.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.97%
11) S ortho-Terphenyl (SURR)	11.564	3430642	21.080 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3061355	21.452 ug/ml
2) T Naphthalene (C11.7)	6.029	3195329	21.252 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	3201860	21.192 ug/ml
5) T Acenaphthylene (C15.06)	8.342	2920994	21.012 ug/ml
7) T Acenaphthene (C15.5)	8.635	3099765	21.122 ug/ml
8) T Flouorene (C16.55)	9.411	3047676	21.137 ug/ml
9) T Phenanthrene (C19.36)	10.800	2978135	20.884 ug/ml
10) T Anthracene (C19.43)	10.874	2815925	20.268 ug/ml
12) T Fluoranthene (C21.85)	12.601	2992735	20.993 ug/ml
13) T Pyrene (C20.8)	12.896	2917093	20.961 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2783881	21.515 ug/ml
15) T Chrysene (C27.41)	14.797	3014213	22.358 ug/ml
16) T benzo[b]fluoranthene ...	16.295	2900933	22.040 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2941564	22.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2828512	21.886 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	2750591	21.582 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2880589	22.894 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2756481	21.431 ug/ml

(f)=RT Delta > 1/2 Window

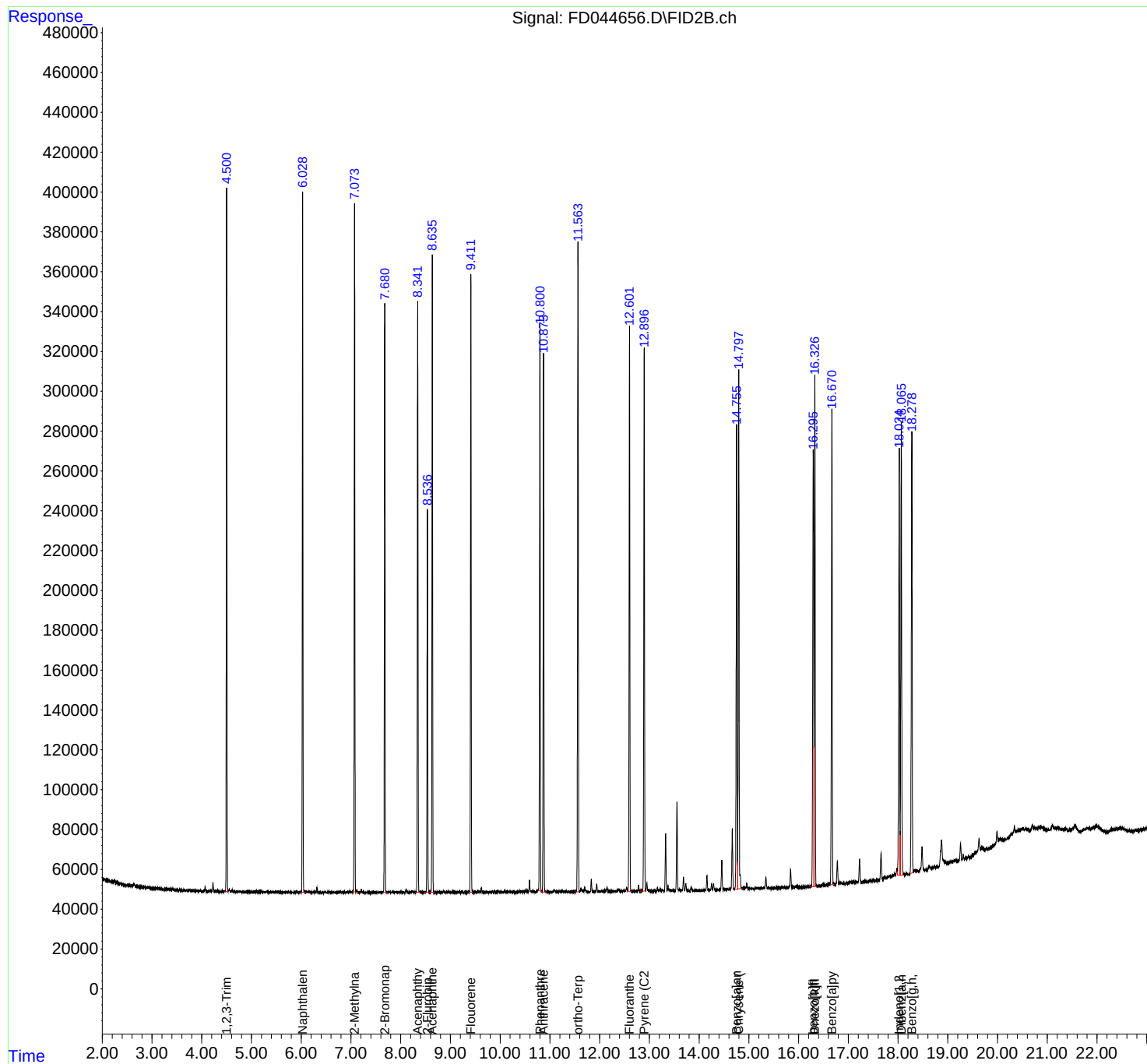
(m)=manual int.

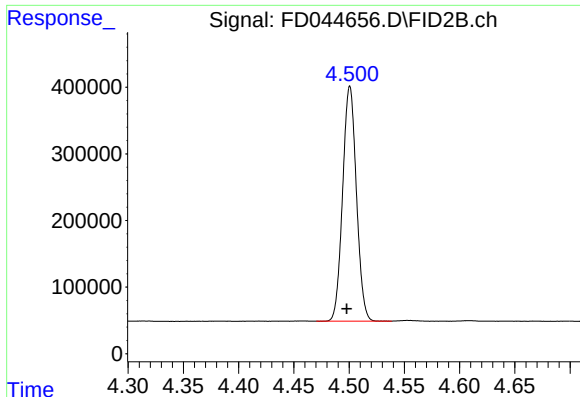
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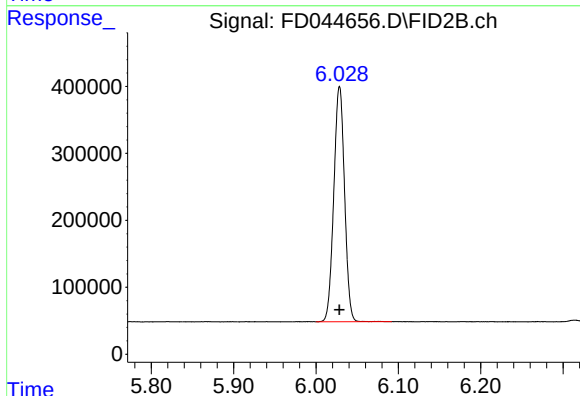




#1 1,2,3-Trimethylbenzene (C10.1)

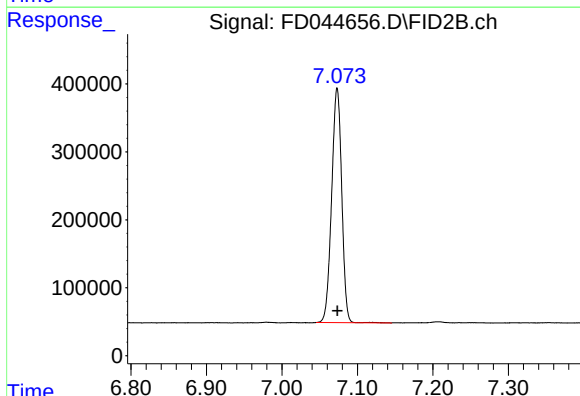
R.T.: 4.501 min
Delta R.T.: 0.003 min
Response: 3061355
Conc: 21.45 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



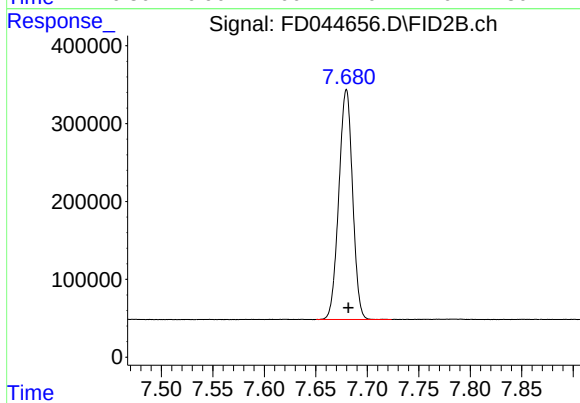
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 3195329
Conc: 21.25 ug/ml



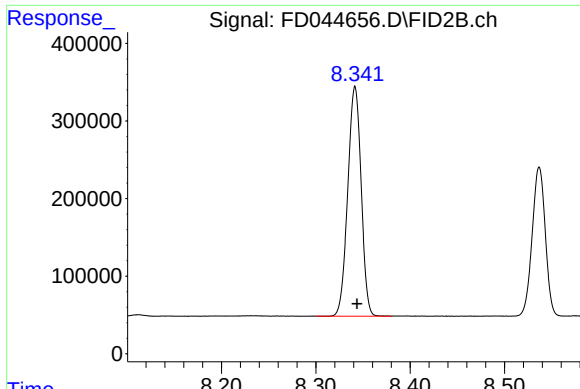
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 3201860
Conc: 21.19 ug/ml



#4 2-Bromonaphthalene (SURR)

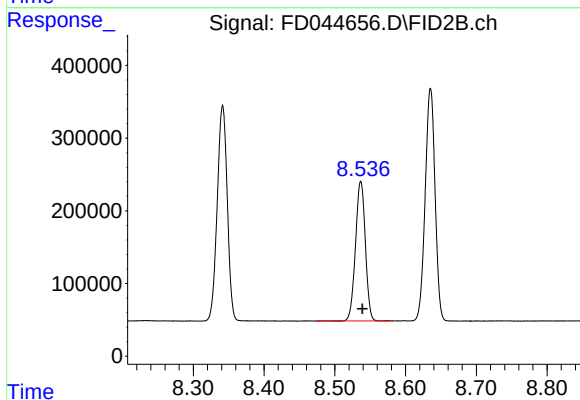
R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 2747591
Conc: 21.17 ug/ml



#5 Acenaphthylene (C15.06)

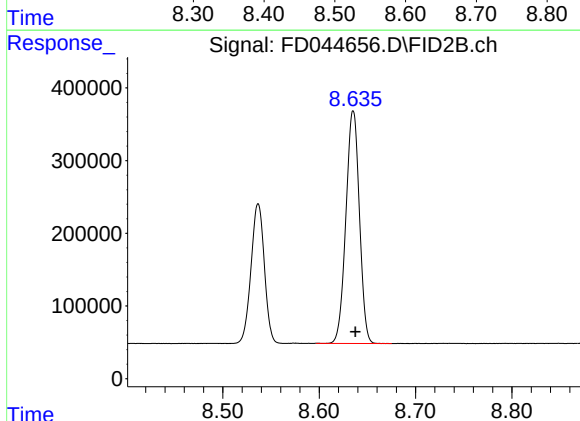
R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 2920994
Conc: 21.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



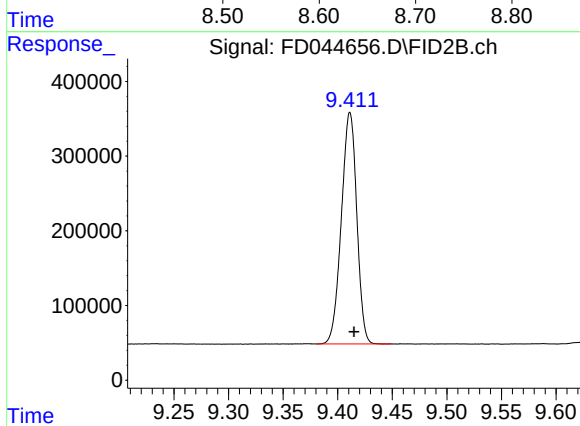
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 1853503
Conc: 20.99 ug/ml



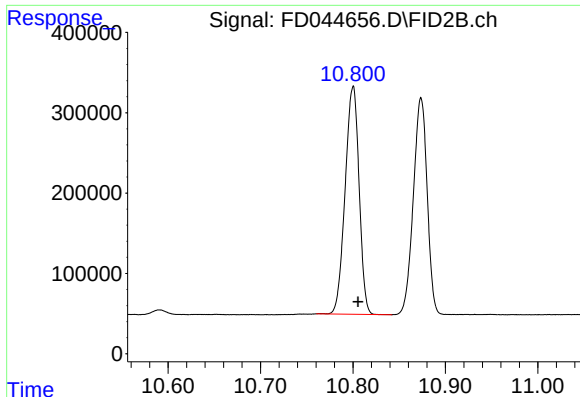
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 3099765
Conc: 21.12 ug/ml



#8 Fluorene (C16.55)

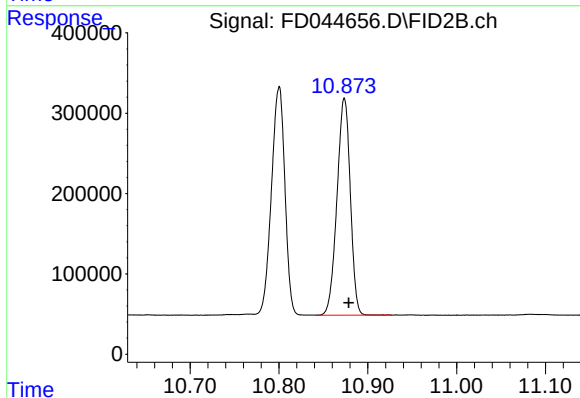
R.T.: 9.411 min
Delta R.T.: -0.004 min
Response: 3047676
Conc: 21.14 ug/ml



#9 Phenanthrene (C19.36)

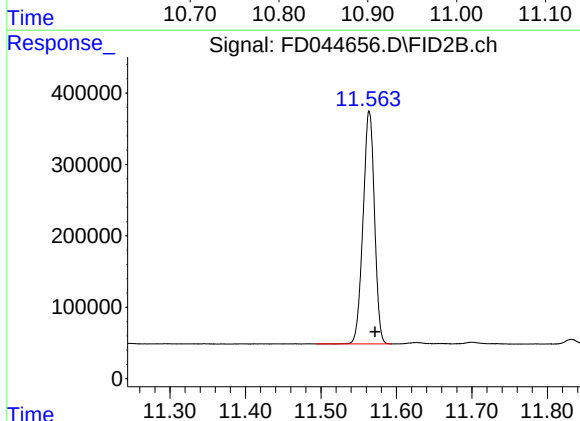
R.T.: 10.800 min
Delta R.T.: -0.005 min
Response: 2978135
Conc: 20.88 ug/ml

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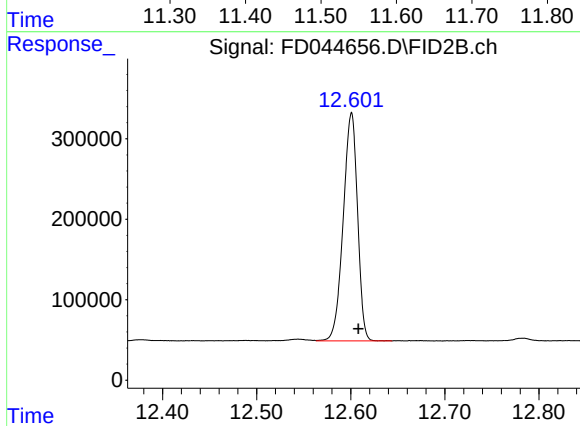
#10 Anthracene (C19.43)

R.T.: 10.874 min
Delta R.T.: -0.005 min
Response: 2815925
Conc: 20.27 ug/ml



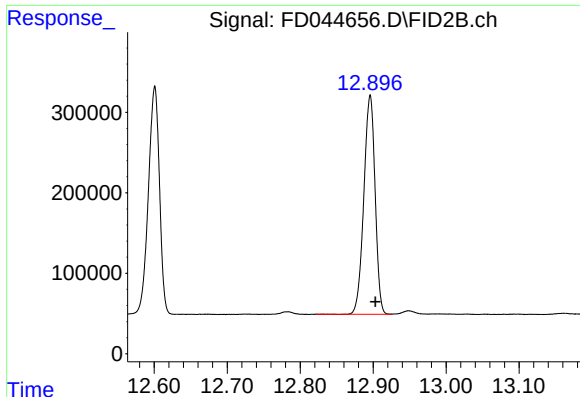
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 3430642
Conc: 21.08 ug/ml



#12 Fluoranthene (C21.85)

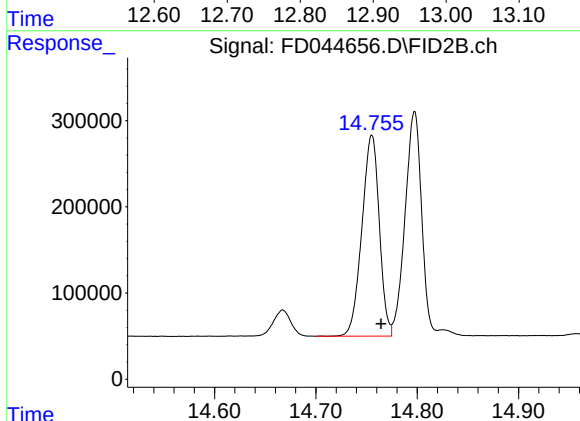
R.T.: 12.601 min
Delta R.T.: -0.008 min
Response: 2992735
Conc: 20.99 ug/ml



#13 Pyrene (C20.8)

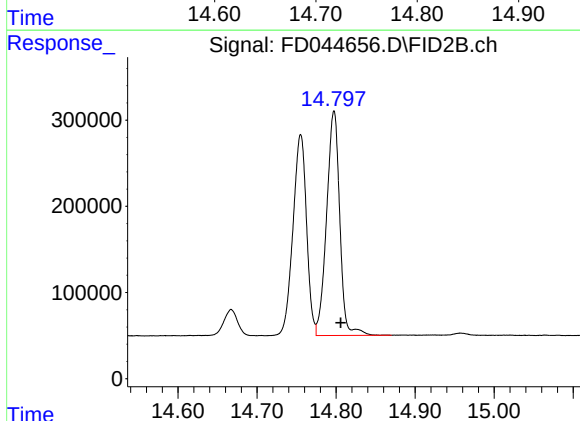
R.T.: 12.896 min
Delta R.T.: -0.007 min
Response: 2917093
Conc: 20.96 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



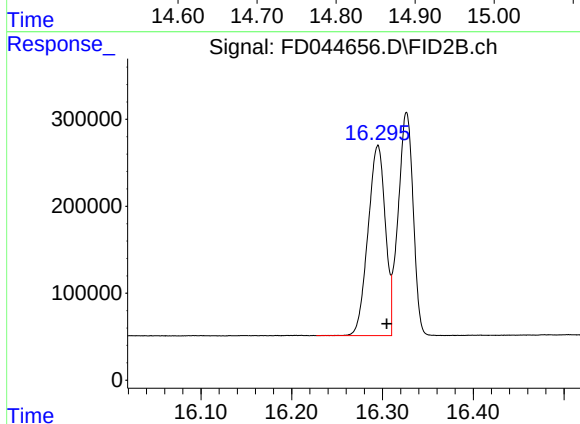
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.009 min
Response: 2783881
Conc: 21.52 ug/ml



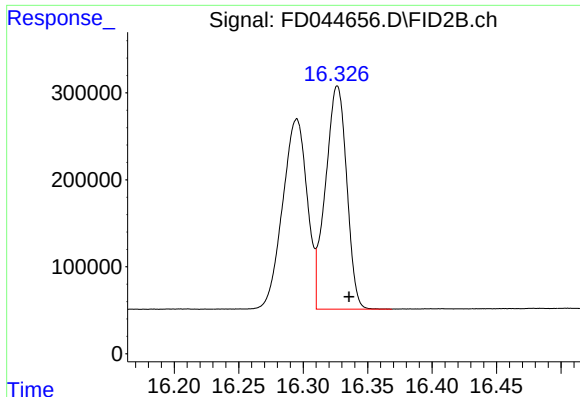
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.008 min
Response: 3014213
Conc: 22.36 ug/ml



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

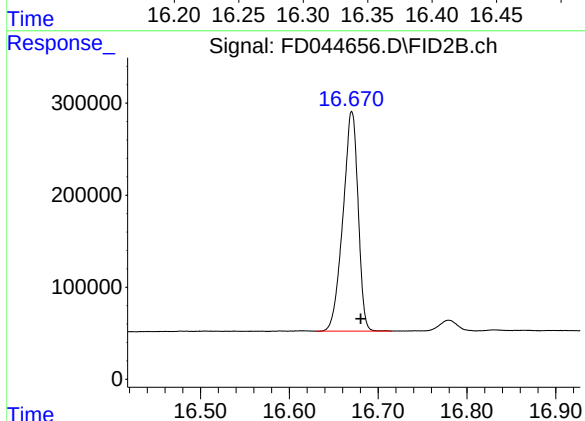
R.T.: 16.295 min
Delta R.T.: -0.010 min
Response: 2900933
Conc: 22.04 ug/ml



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

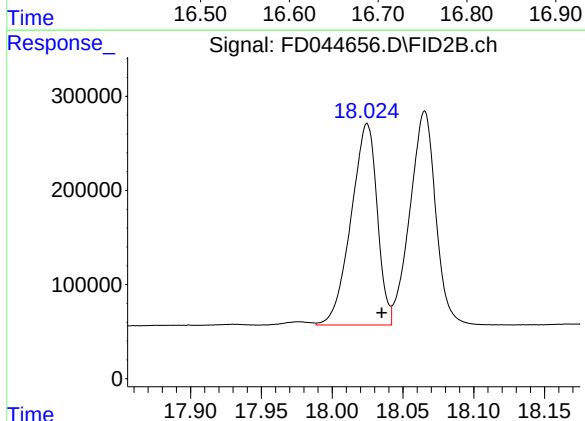
R.T.: 16.326 min
Delta R.T.: -0.009 min
Response: 2941564
Conc: 22.59 ug/ml

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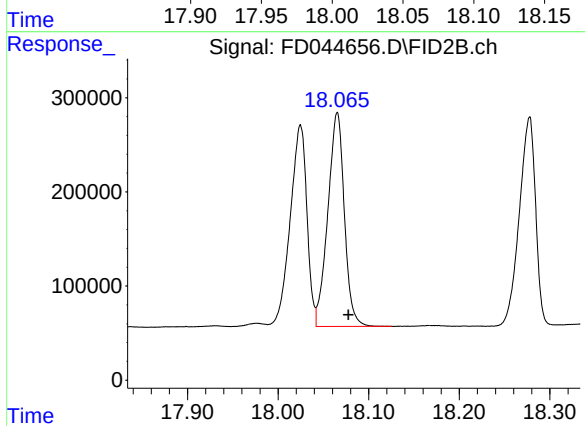
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.010 min
Response: 2828512
Conc: 21.89 ug/ml



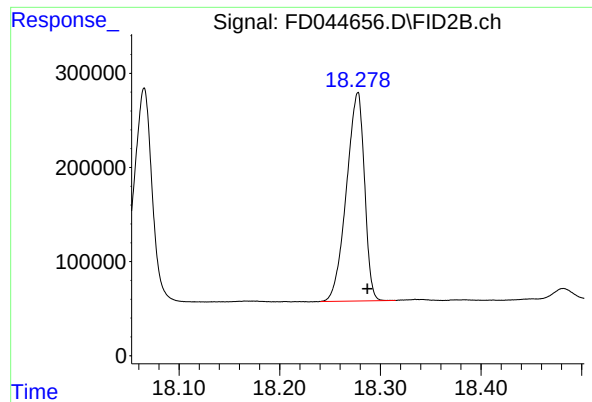
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: -0.011 min
Response: 2750591
Conc: 21.58 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.012 min
Response: 2880589
Conc: 22.89 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.010 min
Response: 2756481
Conc: 21.43 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD