

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122122AR\
 Data File : FD044676.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2022 09:18
 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 21 10:46:18 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...	7.681	2884899	22.229 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
6) S 2-Fluorobiphenyl (SURR)	8.538	1941244	21.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.96%
11) S ortho-Terphenyl (SURR)	11.565	3651905	22.439 ug/ml
Spiked Amount 50.000		Recovery =	44.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	3232658	22.653 ug/ml
2) T Naphthalene (C11.7)	6.031	3359518	22.344 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	3346193	22.147 ug/ml
5) T Acenaphthylene (C15.06)	8.343	3039793	21.866 ug/ml
7) T Acenaphthene (C15.5)	8.637	3253301	22.168 ug/ml
8) T Flouorene (C16.55)	9.413	3181871	22.068 ug/ml
9) T Phenanthrene (C19.36)	10.801	3120109	21.880 ug/ml
10) T Anthracene (C19.43)	10.874	2723395	19.602 ug/ml
12) T Fluoranthene (C21.85)	12.600	3166560	22.212 ug/ml
13) T Pyrene (C20.8)	12.895	3088992	22.196 ug/ml
14) T Benzo[a]anthracene (C...	14.753	2841017	21.957 ug/ml
15) T Chrysene (C27.41)	14.796	3194021	23.692 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2990651	22.722 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	3075658	23.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	2793081	21.612 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	2491149	19.546 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2733956	21.729 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2520253	19.595 ug/ml

(f)=RT Delta > 1/2 Window

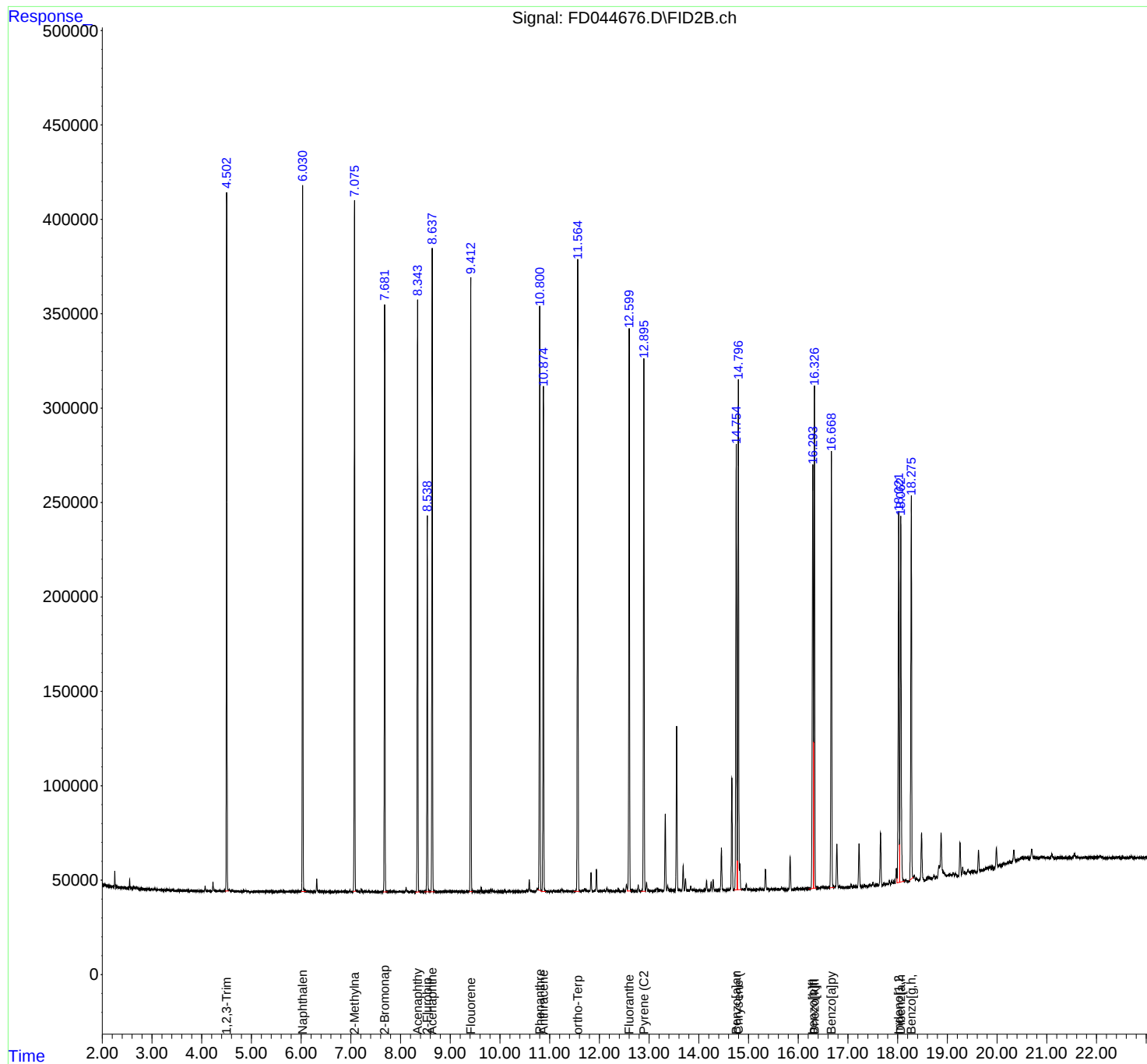
(m)=manual int.

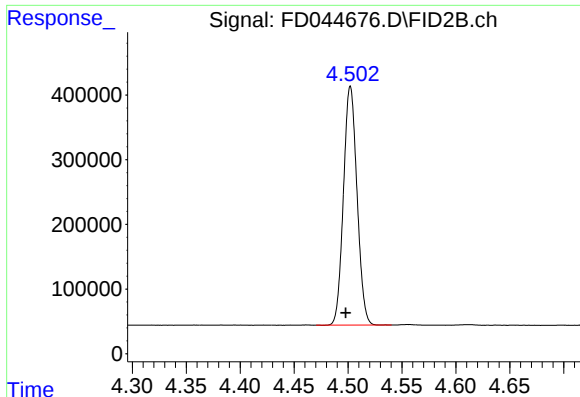
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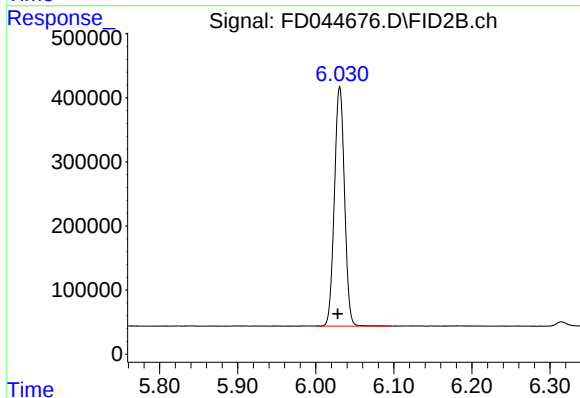




#1 1,2,3-Trimethylbenzene (C10.1)

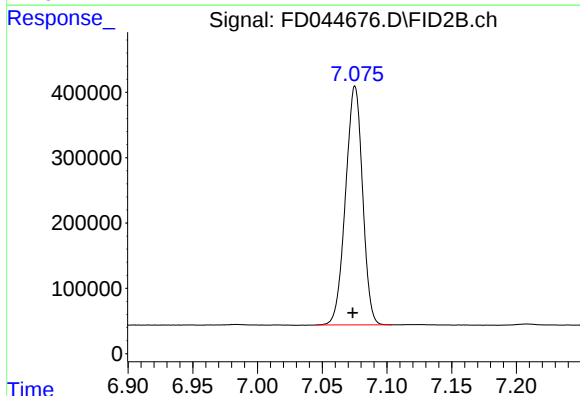
R.T.: 4.502 min
Delta R.T.: 0.004 min
Response: 3232658
Conc: 22.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



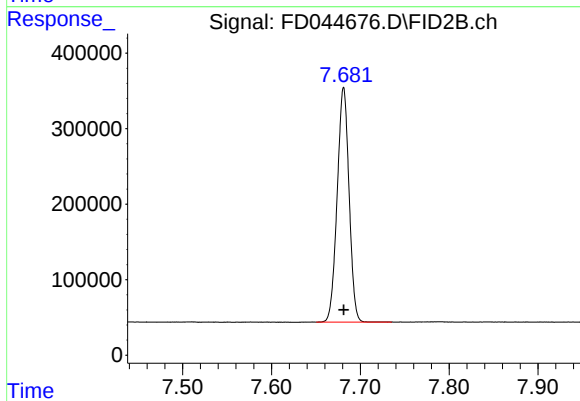
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 3359518
Conc: 22.34 ug/ml



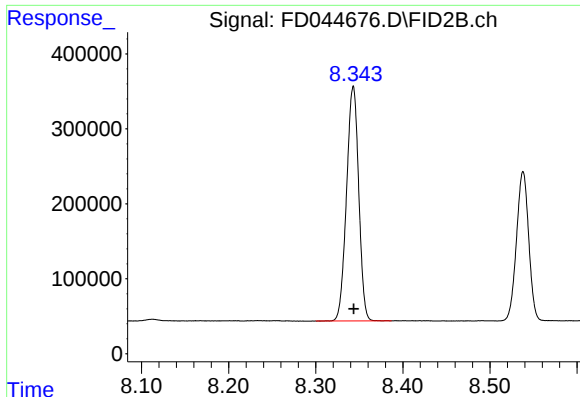
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 3346193
Conc: 22.15 ug/ml



#4 2-Bromonaphthalene (SURR)

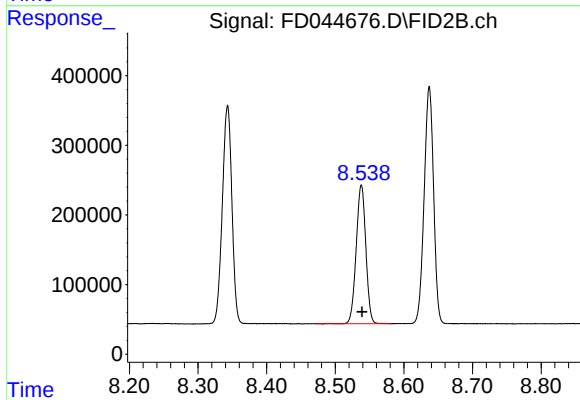
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 2884899
Conc: 22.23 ug/ml



#5 Acenaphthylene (C15.06)

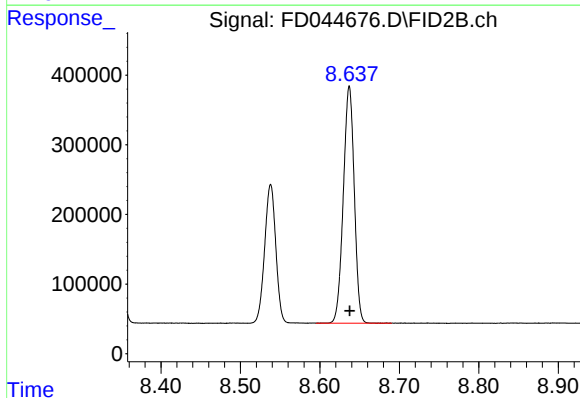
R.T.: 8.343 min
Delta R.T.: 0.000 min
Response: 3039793
Conc: 21.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



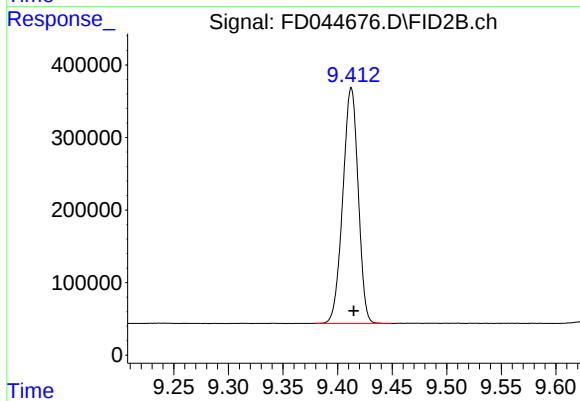
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 1941244
Conc: 21.98 ug/ml



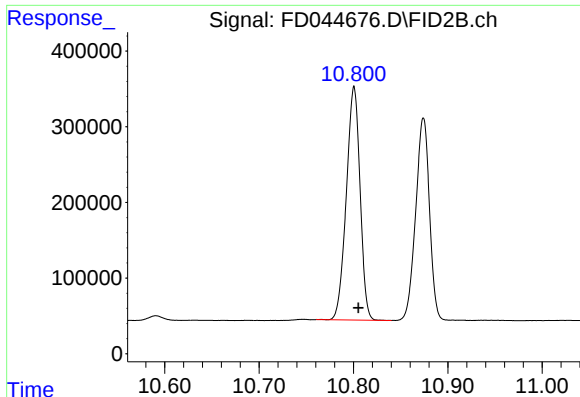
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 3253301
Conc: 22.17 ug/ml



#8 Flouorene (C16.55)

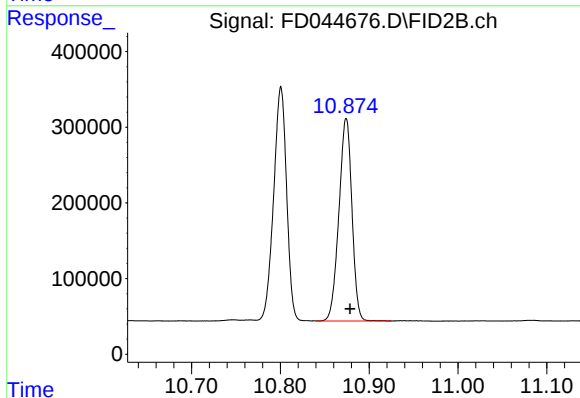
R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 3181871
Conc: 22.07 ug/ml



#9 Phenanthrene (C19.36)

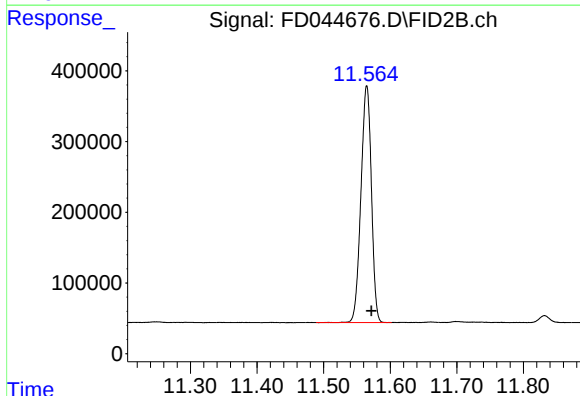
R.T.: 10.801 min
Delta R.T.: -0.005 min
Response: 3120109
Conc: 21.88 ug/ml

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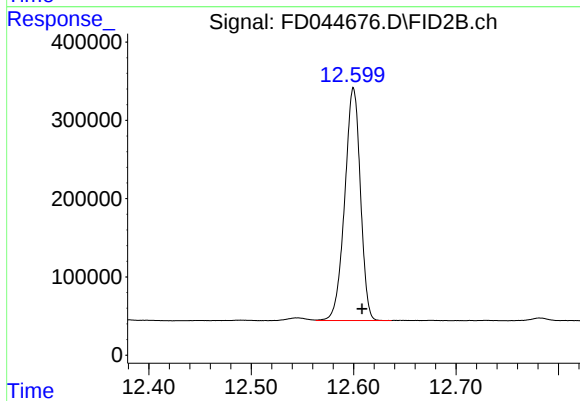
#10 Anthracene (C19.43)

R.T.: 10.874 min
Delta R.T.: -0.004 min
Response: 2723395
Conc: 19.60 ug/ml



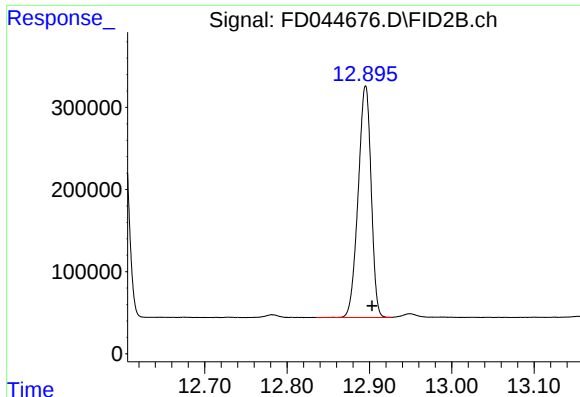
#11 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.007 min
Response: 3651905
Conc: 22.44 ug/ml



#12 Fluoranthene (C21.85)

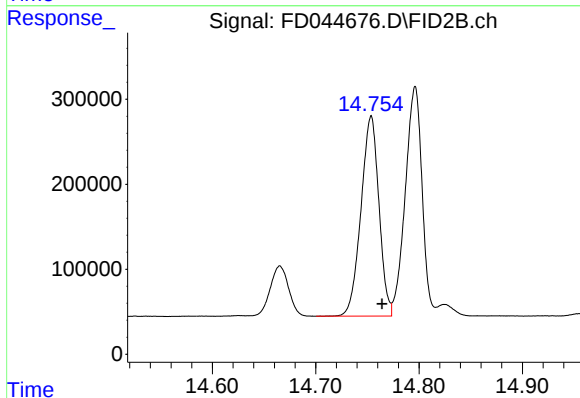
R.T.: 12.600 min
Delta R.T.: -0.008 min
Response: 3166560
Conc: 22.21 ug/ml



#13 Pyrene (C20.8)

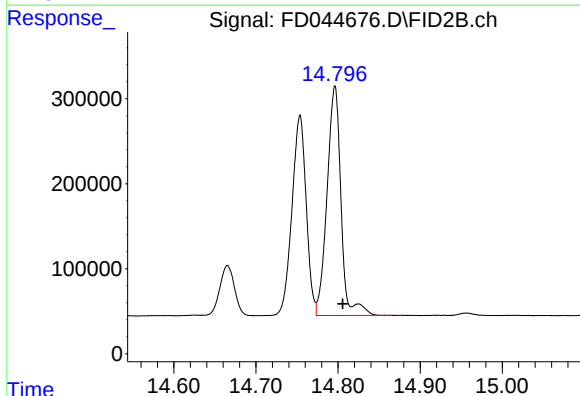
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 3088992
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



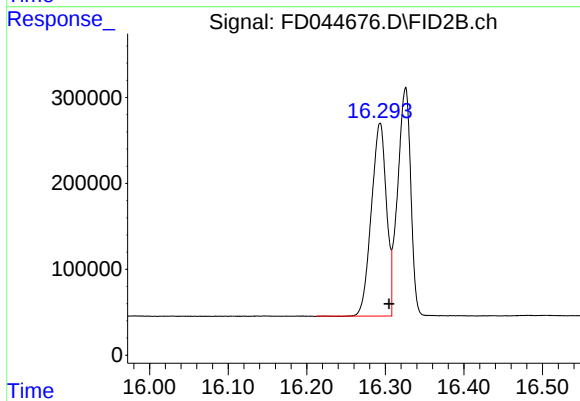
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.011 min
Response: 2841017
Conc: 21.96 ug/ml



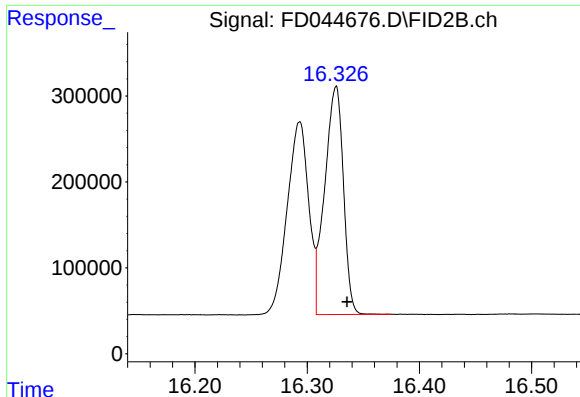
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.010 min
Response: 3194021
Conc: 23.69 ug/ml



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

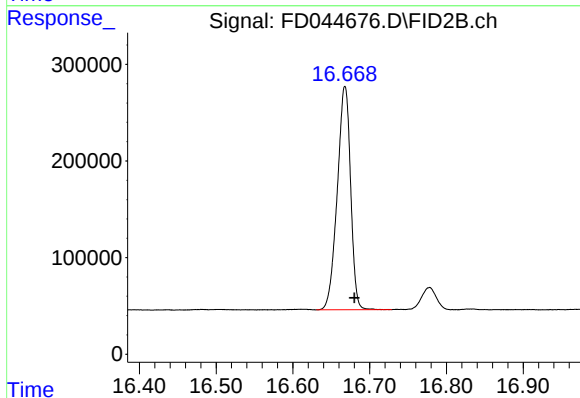
R.T.: 16.293 min
Delta R.T.: -0.012 min
Response: 2990651
Conc: 22.72 ug/ml



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

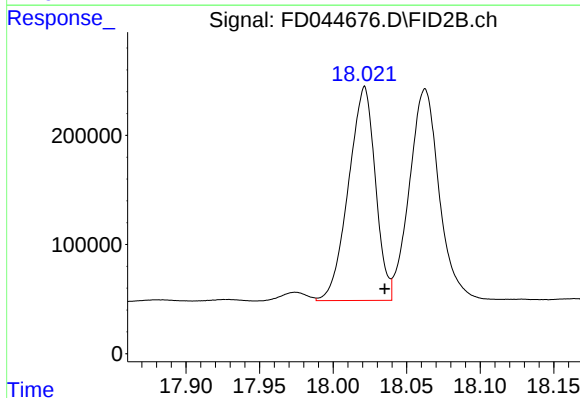
R.T.: 16.325 min
Delta R.T.: -0.010 min
Response: 3075658
Conc: 23.62 ug/ml

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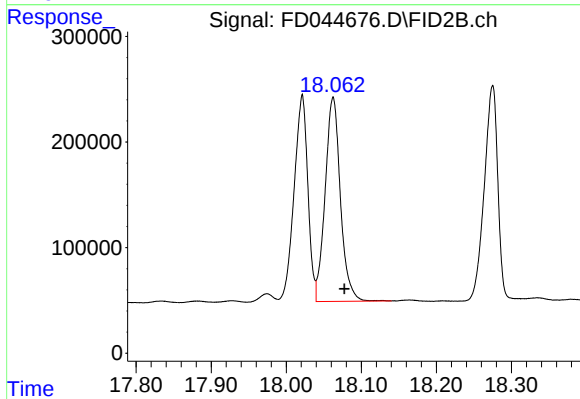
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.012 min
Response: 2793081
Conc: 21.61 ug/ml



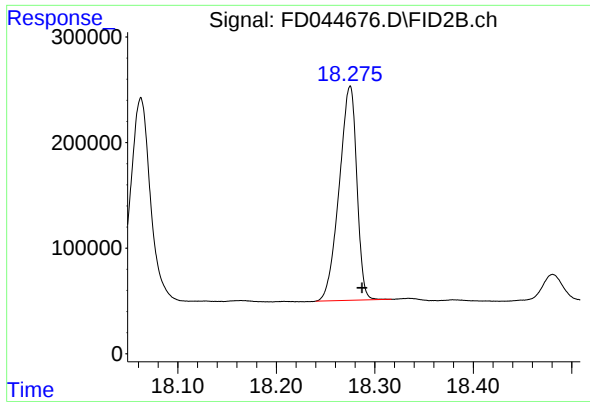
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.014 min
Response: 2491149
Conc: 19.55 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.015 min
Response: 2733956
Conc: 21.73 ug/ml



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

R.T.: 18.275 min
Delta R.T.: -0.013 min
Response: 2520253
Conc: 19.59 ug/ml

Instrument :

FID_D

ClientSampleId :

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