

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120922AR\
 Data File : FD044625.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2022 21:35
 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 11 04:01:34 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...	7.678	2598253	20.020 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
6) S 2-Fluorobiphenyl (SURR)	8.535	1766740	20.005 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.01%
11) S ortho-Terphenyl (SURR)	11.563	3308997	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2856444	20.016 ug/ml
2) T Naphthalene (C11.7)	6.027	2999935	19.952 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	3008100	19.909 ug/ml
5) T Acenaphthylene (C15.06)	8.340	2708410	19.483 ug/ml
7) T Acenaphthene (C15.5)	8.634	2941893	20.046 ug/ml
8) T Flouorene (C16.55)	9.410	2897686	20.097 ug/ml
9) T Phenanthrene (C19.36)	10.798	2846927	19.964 ug/ml
10) T Anthracene (C19.43)	10.872	2411180	17.355 ug/ml
12) T Fluoranthene (C21.85)	12.599	2890668	20.277 ug/ml
13) T Pyrene (C20.8)	12.894	2801329	20.129 ug/ml
14) T Benzo[a]anthracene (C...	14.753	2586335	19.989 ug/ml
15) T Chrysene (C27.41)	14.795	2814742	20.879 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2675293	20.326 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2811252	21.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2483481	19.216 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	2452889	19.246 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	2829074	22.485 ug/ml
21) T Benzo[g,h,i]perylene ...	18.276	2510329	19.518 ug/ml

(f)=RT Delta > 1/2 Window

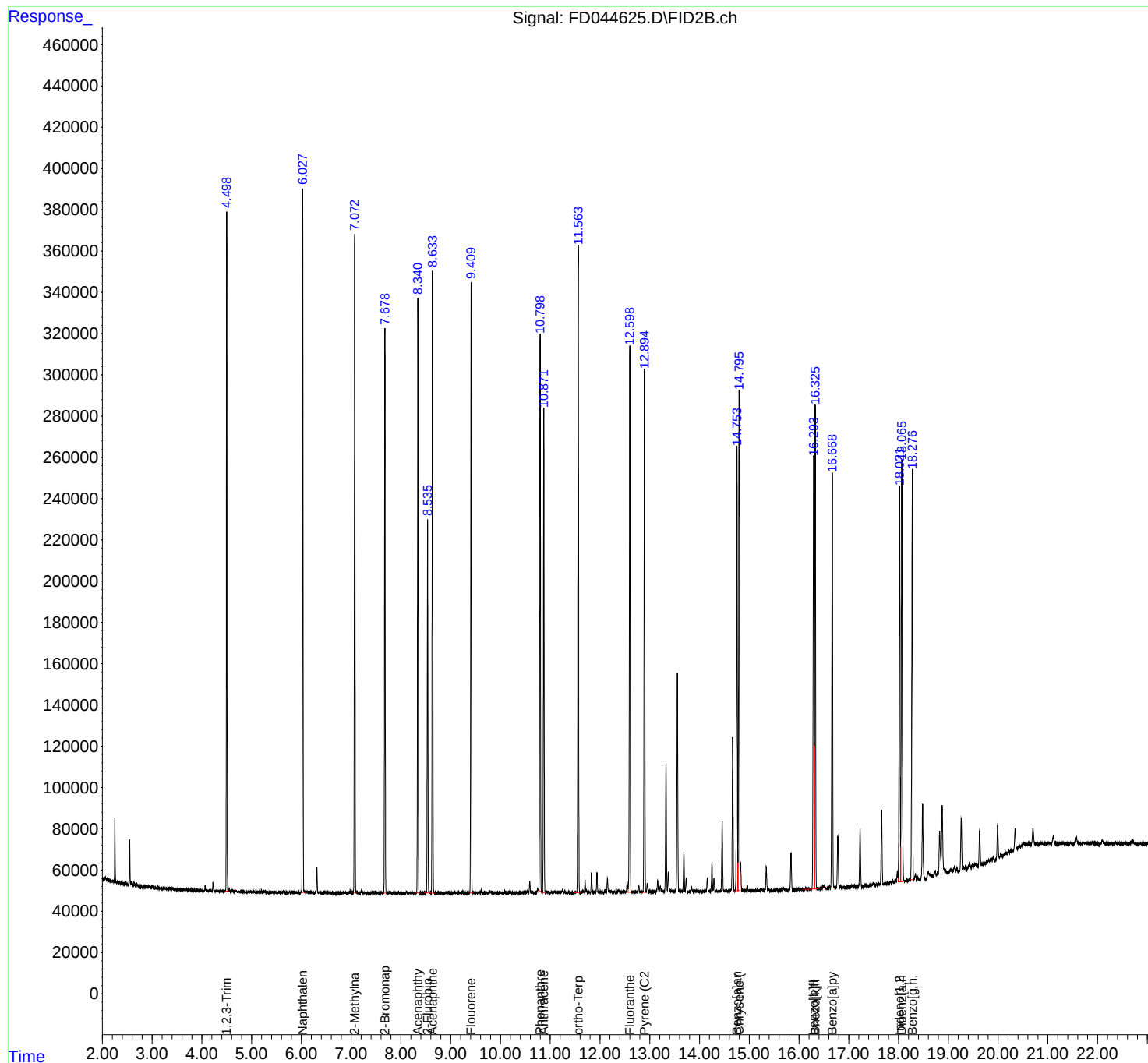
(m)=manual int.

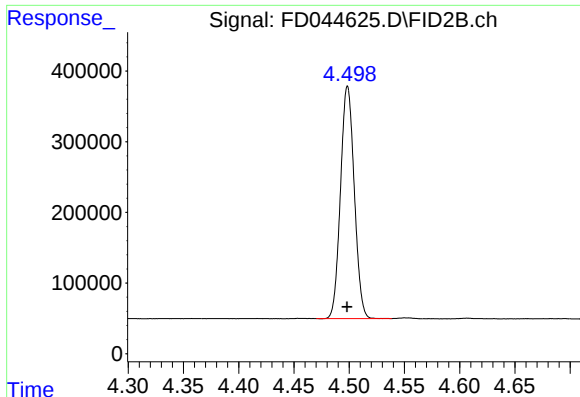
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Signal Info : 20M x 0.18mm x 0.18µm

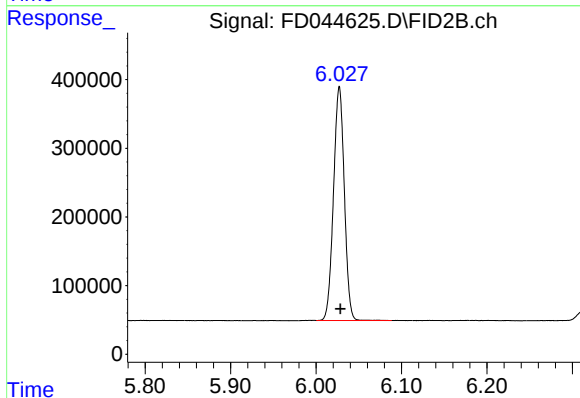




#1 1,2,3-Trimethylbenzene (C10.1)

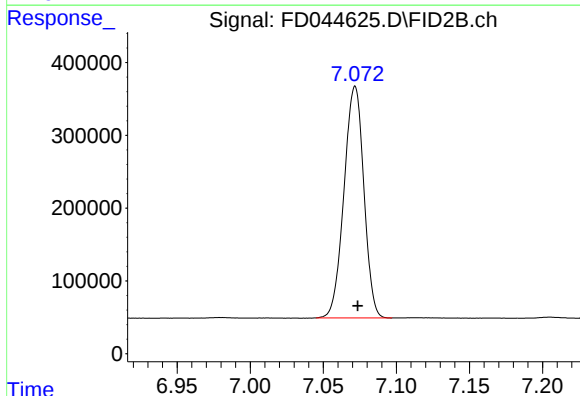
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 2856444
Conc: 20.02 ug/ml

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20 PPM AROMATIC HC STD



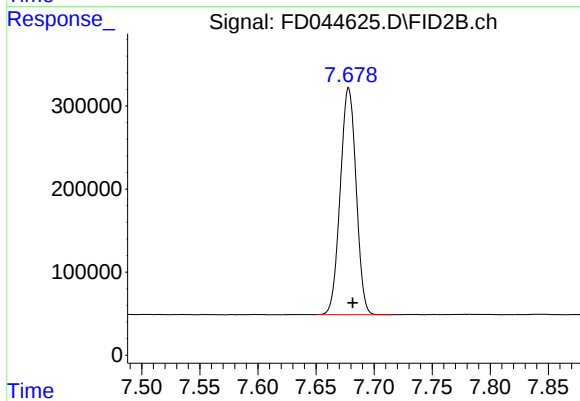
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 2999935
Conc: 19.95 ug/ml



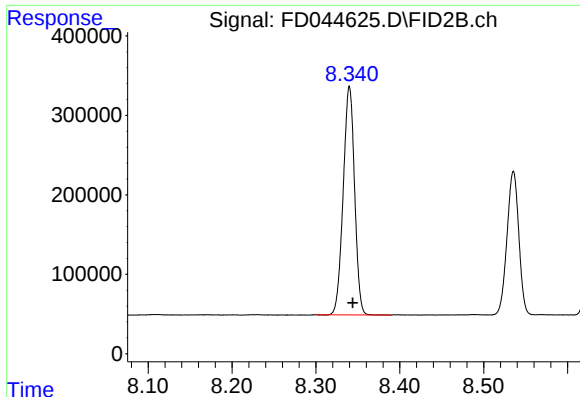
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 3008100
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

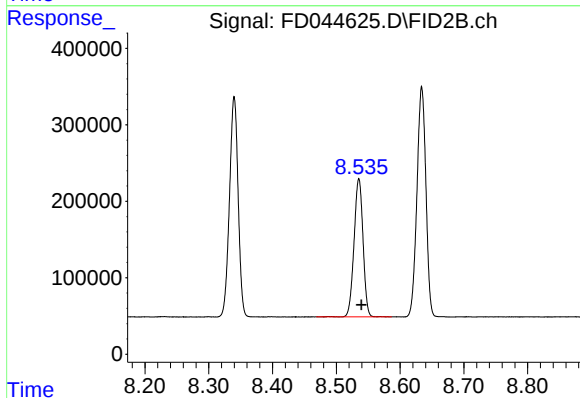
R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 2598253
Conc: 20.02 ug/ml



#5 Acenaphthylene (C15.06)

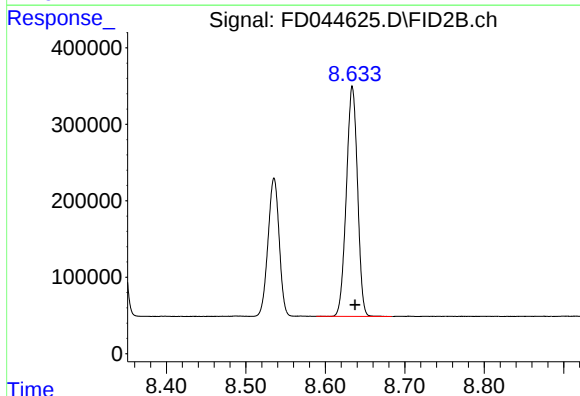
R.T.: 8.340 min
Delta R.T.: -0.004 min
Response: 2708410
Conc: 19.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



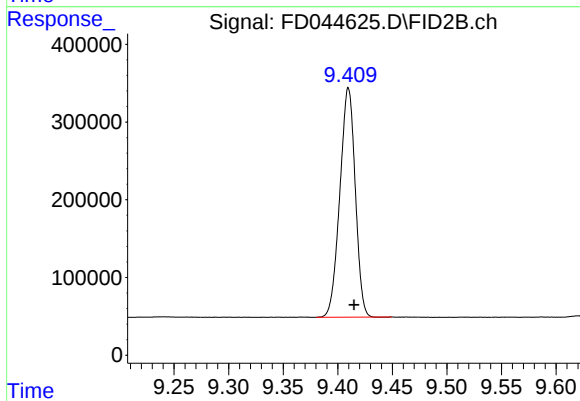
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 1766740
Conc: 20.00 ug/ml



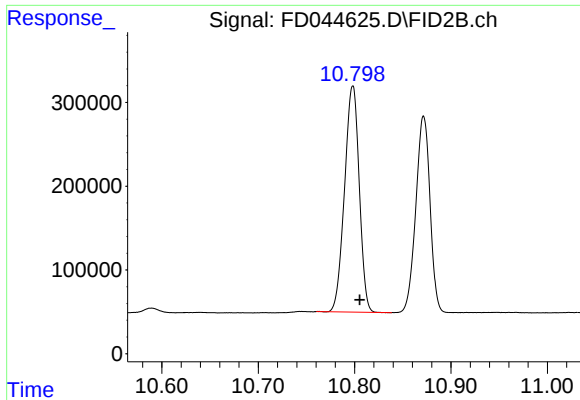
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 2941893
Conc: 20.05 ug/ml



#8 Fluorene (C16.55)

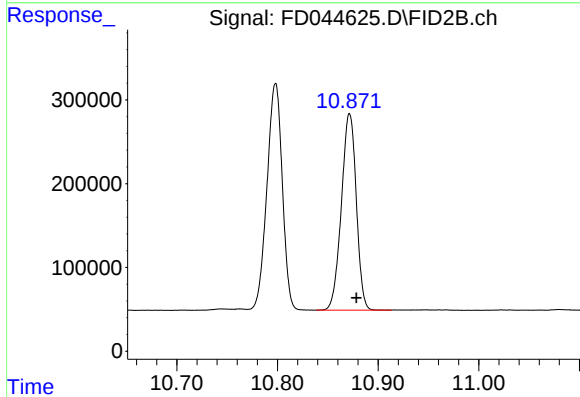
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 2897686
Conc: 20.10 ug/ml



#9 Phenanthrene (C19.36)

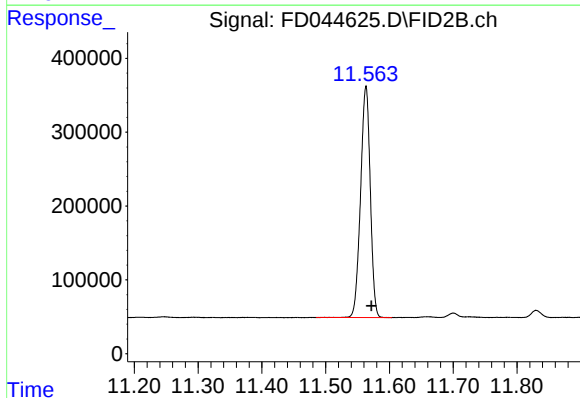
R.T.: 10.798 min
Delta R.T.: -0.007 min
Response: 2846927
Conc: 19.96 ug/ml

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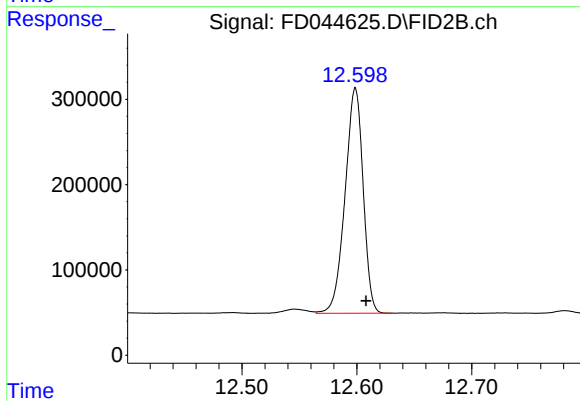
#10 Anthracene (C19.43)

R.T.: 10.872 min
Delta R.T.: -0.007 min
Response: 2411180
Conc: 17.35 ug/ml



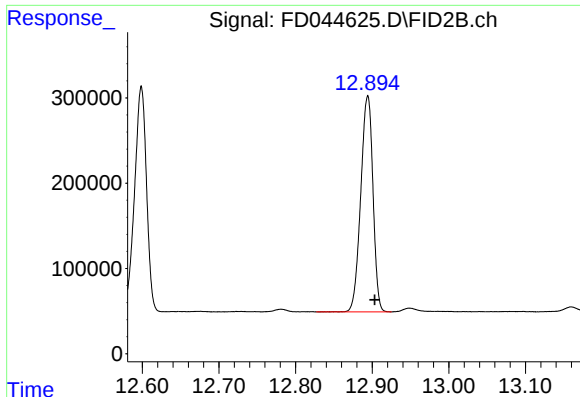
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.009 min
Response: 3308997
Conc: 20.33 ug/ml



#12 Fluoranthene (C21.85)

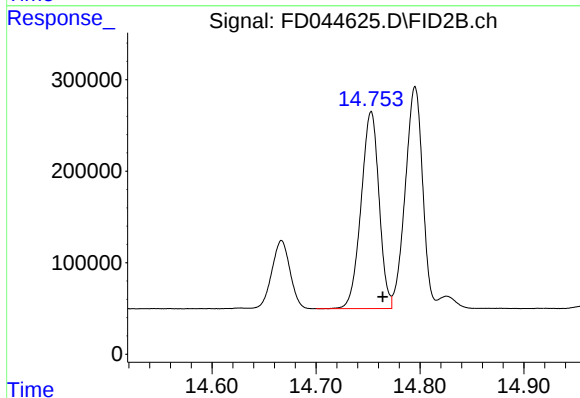
R.T.: 12.599 min
Delta R.T.: -0.010 min
Response: 2890668
Conc: 20.28 ug/ml



#13 Pyrene (C20.8)

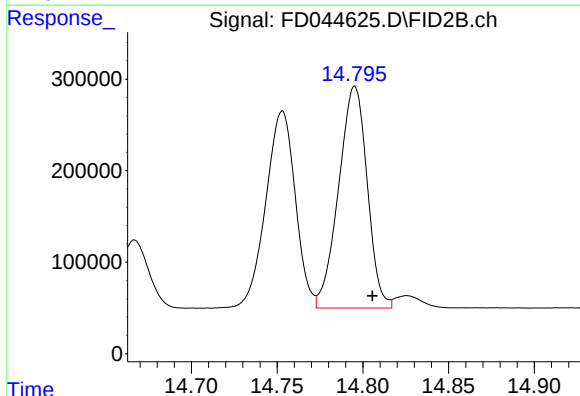
R.T.: 12.894 min
Delta R.T.: -0.009 min
Response: 2801329
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



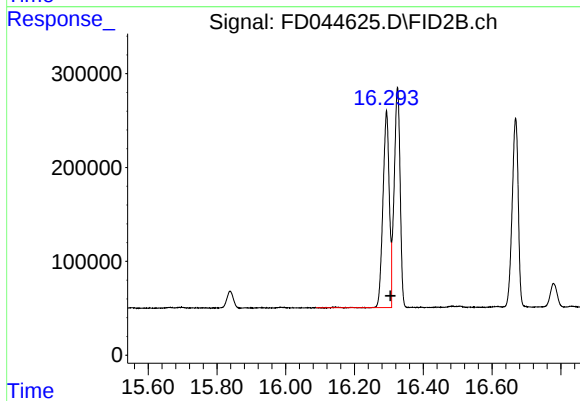
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.011 min
Response: 2586335
Conc: 19.99 ug/ml



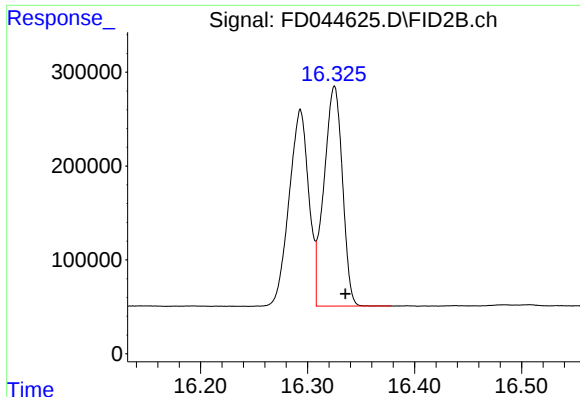
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.010 min
Response: 2814742
Conc: 20.88 ug/ml



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

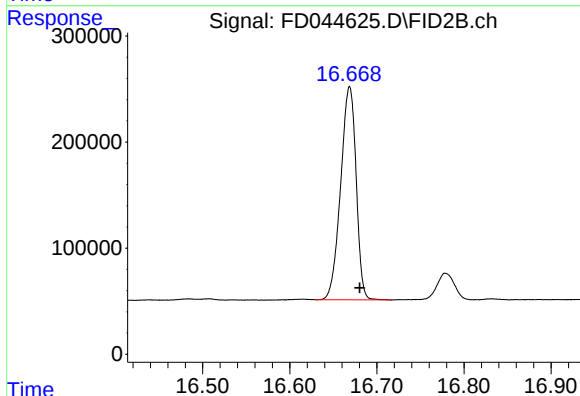
R.T.: 16.293 min
Delta R.T.: -0.012 min
Response: 2675293
Conc: 20.33 ug/ml



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

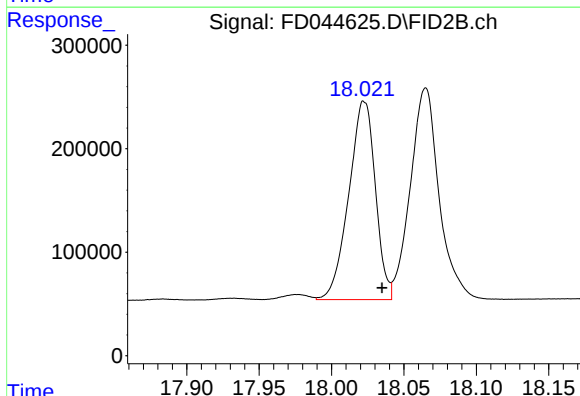
R.T.: 16.325 min
Delta R.T.: -0.011 min
Response: 2811252
Conc: 21.59 ug/ml

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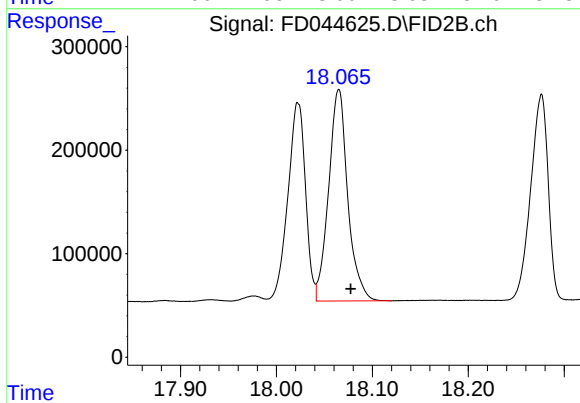
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.012 min
Response: 2483481
Conc: 19.22 ug/ml



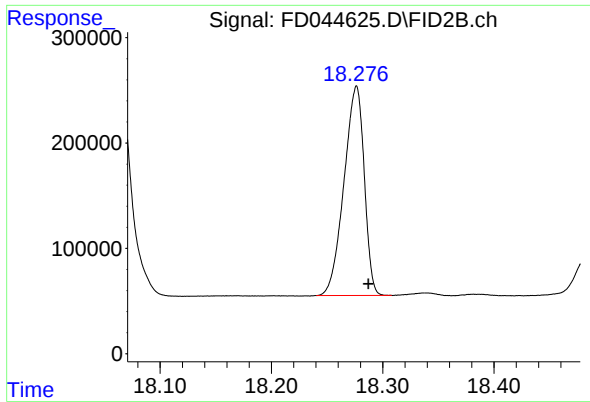
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: -0.013 min
Response: 2452889
Conc: 19.25 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.013 min
Response: 2829074
Conc: 22.48 ug/ml



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

R.T.: 18.276 min
Delta R.T.: -0.011 min
Response: 2510329
Conc: 19.52 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD