

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049268.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 14:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 11 01:02:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 2025
 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...	7.748	2536027	17.120 ug/ml
Spiked Amount 50.000		Recovery =	34.24%
6) S 2-Fluorobiphenyl (SURR)	8.613	1748125	17.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.28%
11) S ortho-Terphenyl (SURR)	11.656	3016454	17.121 ug/ml
Spiked Amount 50.000		Recovery =	34.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	2636812	17.596 ug/ml
2) T Naphthalene (C11.7)	6.085	2803176	17.120 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	2799556	17.308 ug/ml
5) T Acenaphthylene (C15.06)	8.417	2991179	16.934 ug/ml
7) T Acenaphthene (C15.5)	8.713	2931281	17.014 ug/ml
8) T Fluorene (C16.55)	9.493	3003873	17.226 ug/ml
9) T Phenanthrene (C19.36)	10.892	3034981	17.685 ug/ml
10) T Anthracene (C19.43)	10.966	2579025	16.417 ug/ml
12) T Fluoranthene (C21.85)	12.704	3060872	18.109 ug/ml
13) T Pyrene (C20.8)	13.002	3055961	18.221 ug/ml
14) T Benzo[a]anthracene (C...	14.871	2662947	18.525 ug/ml
15) T Chrysene (C27.41)	14.914	2705603	18.751 ug/ml
16) T benzo[b]fluoranthene ...	16.420	2637152	18.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.453	2571918	18.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.800	2454442	18.875 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	2331161	18.910 ug/ml
20) T Dibenz[a,h]anthracene...	18.203	2548100	20.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.419	2507427	19.207 ug/ml

(f)=RT Delta > 1/2 Window

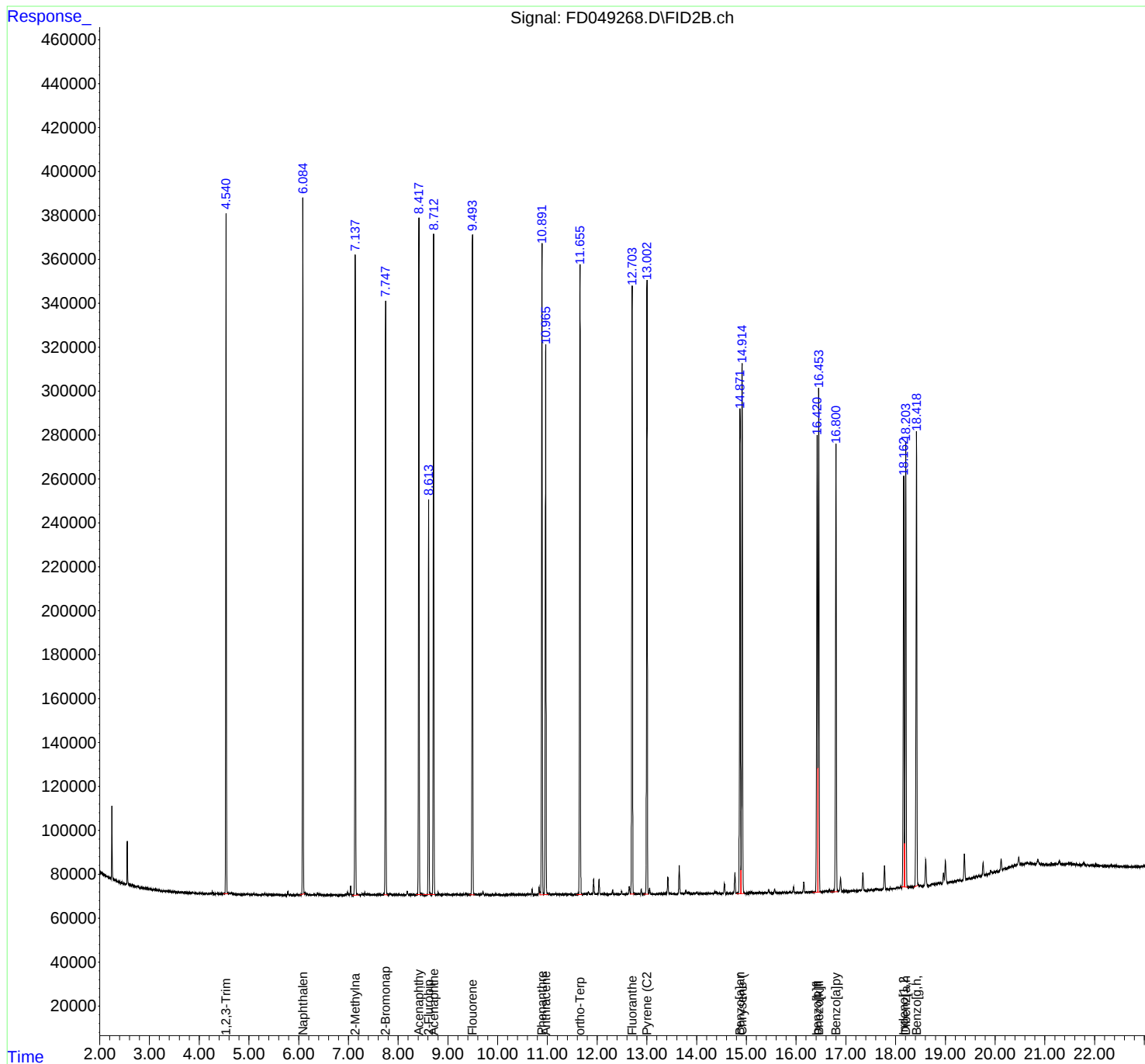
(m)=manual int.

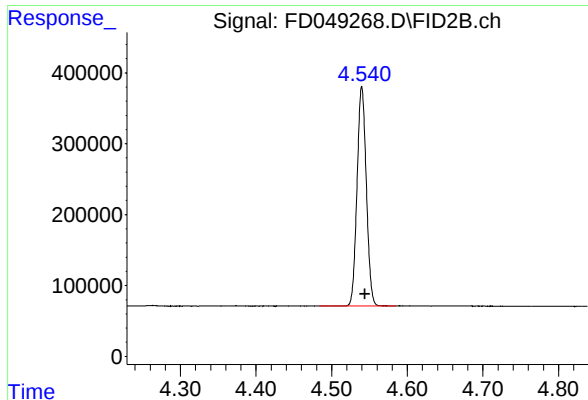
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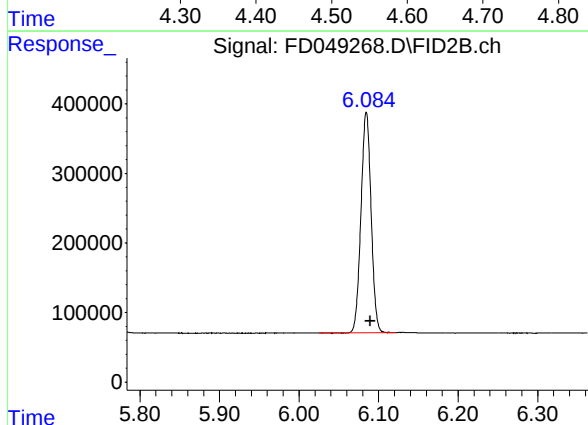




#1 1,2,3-Trimethylbenzene (C10.1)

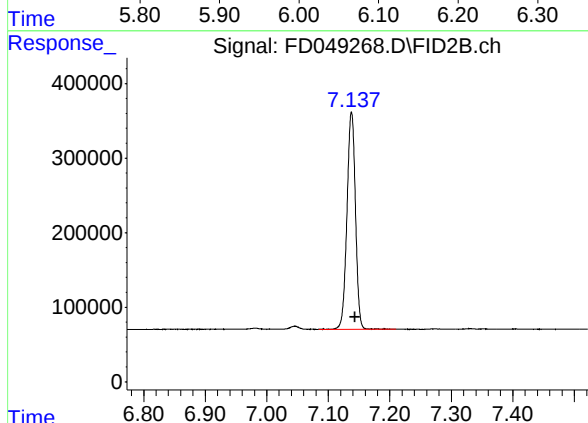
R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 2636812
Conc: 17.60 ug/ml

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20 PPM AROMATIC HC STD



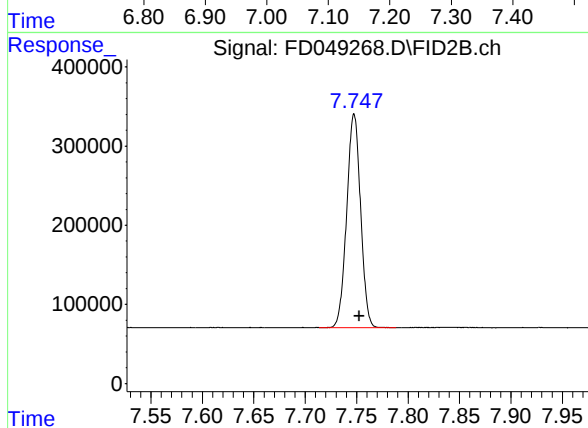
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 2803176
Conc: 17.12 ug/ml



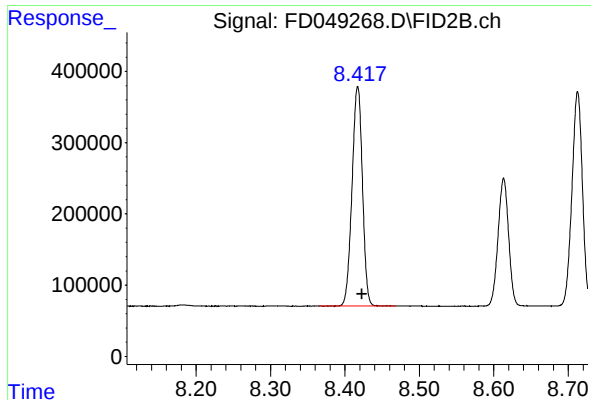
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 2799556
Conc: 17.31 ug/ml



#4 2-Bromonaphthalene (SURR)

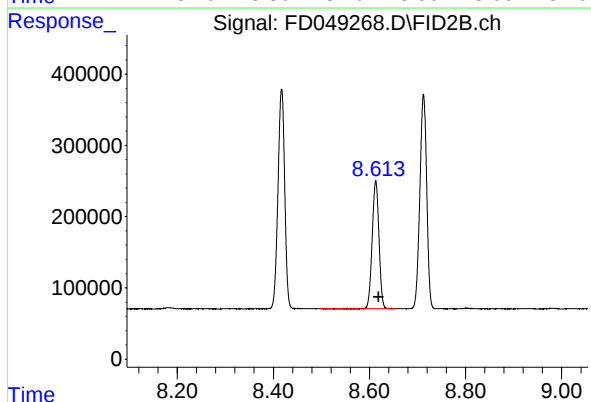
R.T.: 7.748 min
Delta R.T.: -0.005 min
Response: 2536027
Conc: 17.12 ug/ml



#5 Acenaphthylene (C15.06)

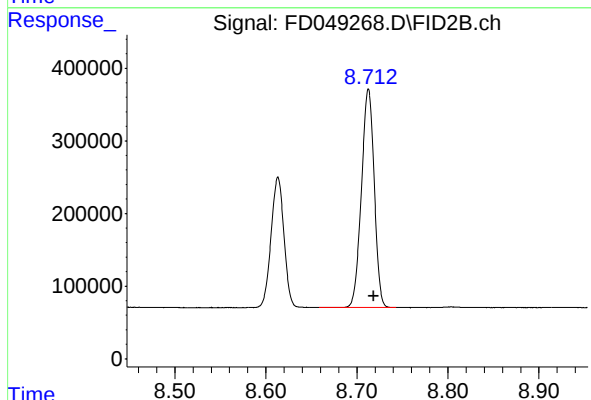
R.T.: 8.417 min
Delta R.T.: -0.006 min
Response: 2991179
Conc: 16.93 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



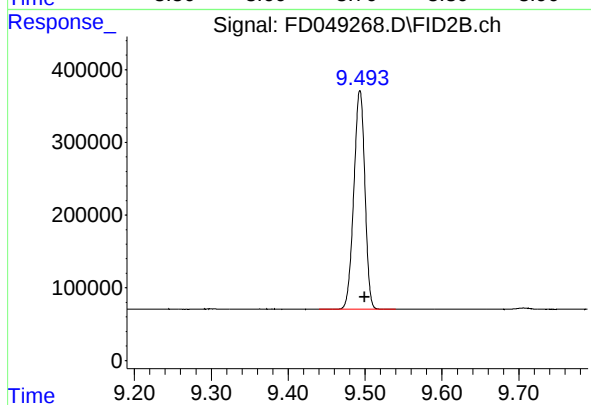
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 1748125
Conc: 17.14 ug/ml



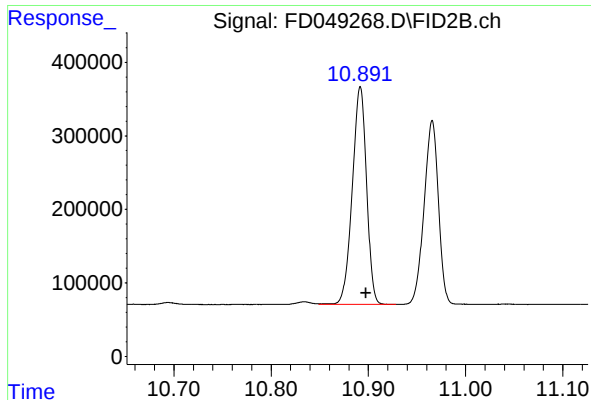
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: -0.005 min
Response: 2931281
Conc: 17.01 ug/ml



#8 Flouorene (C16.55)

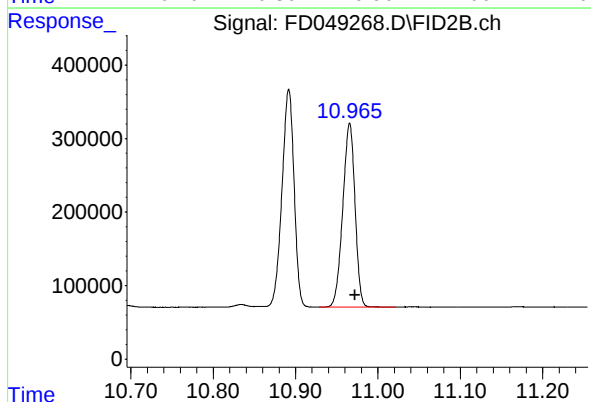
R.T.: 9.493 min
Delta R.T.: -0.006 min
Response: 3003873
Conc: 17.23 ug/ml



#9 Phenanthrene (C19.36)

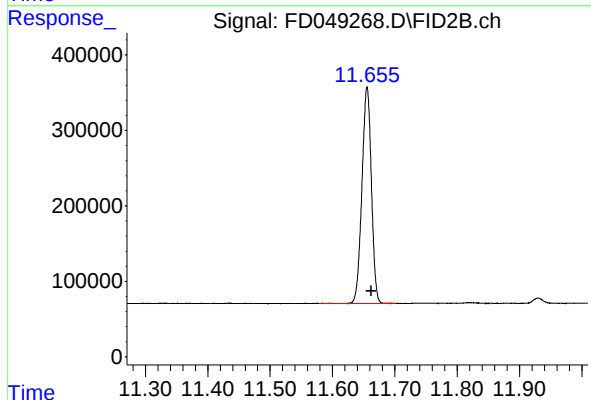
R.T.: 10.892 min
Delta R.T.: -0.006 min
Response: 3034981
Conc: 17.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



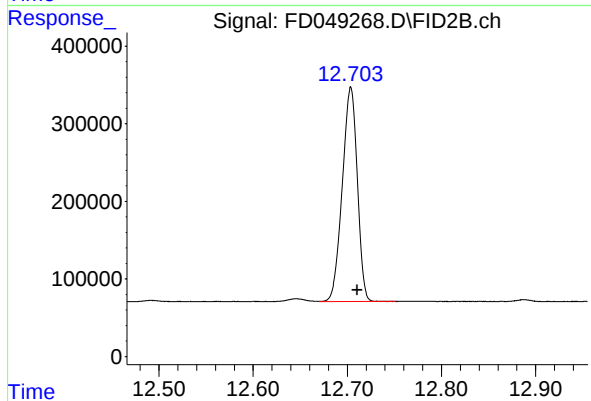
#10 Anthracene (C19.43)

R.T.: 10.966 min
Delta R.T.: -0.006 min
Response: 2579025
Conc: 16.42 ug/ml



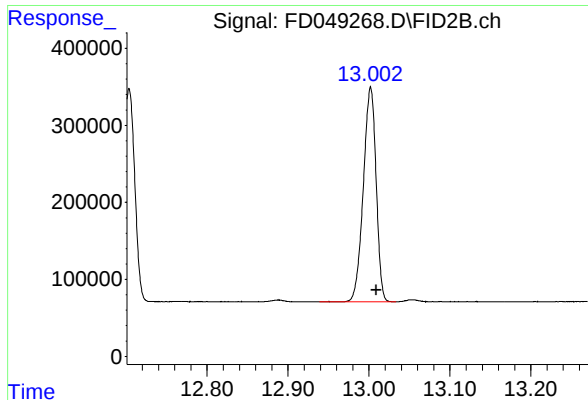
#11 ortho-Terphenyl (SURRE)

R.T.: 11.656 min
Delta R.T.: -0.006 min
Response: 3016454
Conc: 17.12 ug/ml



#12 Fluoranthene (C21.85)

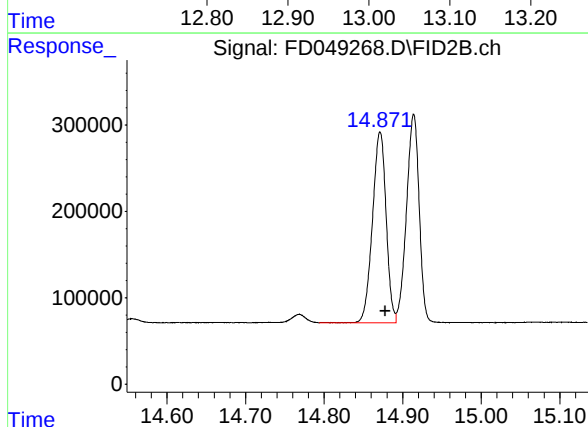
R.T.: 12.704 min
Delta R.T.: -0.007 min
Response: 3060872
Conc: 18.11 ug/ml



#13 Pyrene (C20.8)

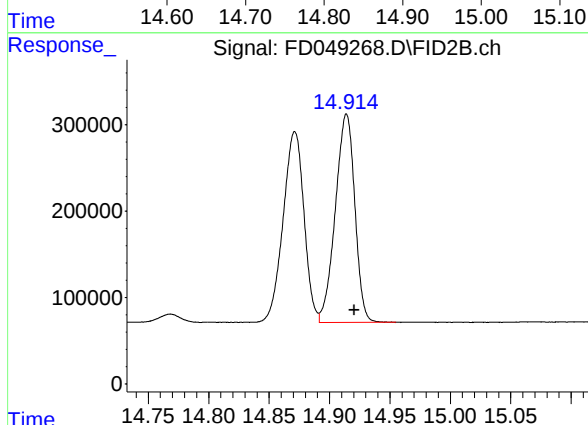
R.T.: 13.002 min
Delta R.T.: -0.007 min
Response: 3055961
Conc: 18.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



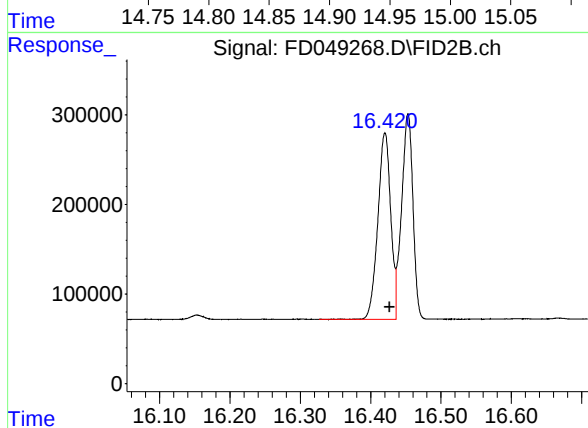
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.871 min
Delta R.T.: -0.006 min
Response: 2662947
Conc: 18.53 ug/ml



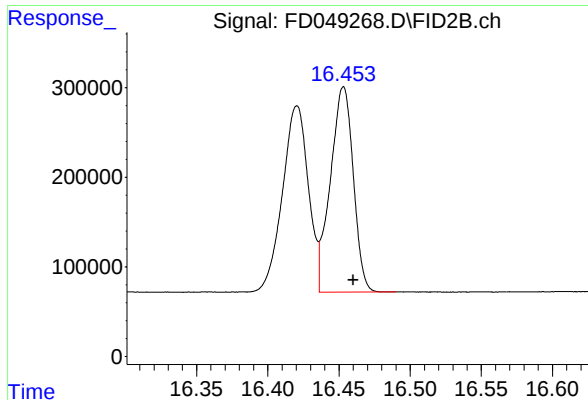
#15 Chrysene (C27.41)

R.T.: 14.914 min
Delta R.T.: -0.006 min
Response: 2705603
Conc: 18.75 ug/ml



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

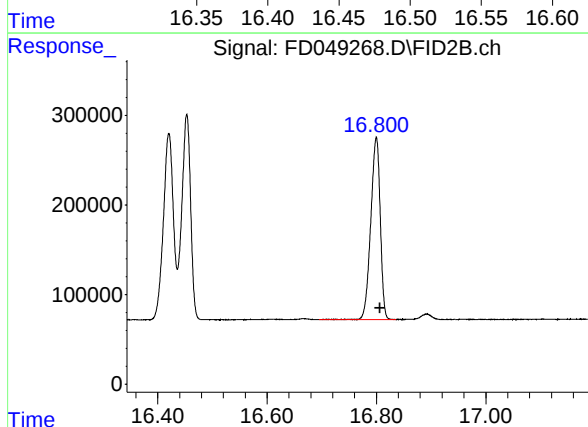
R.T.: 16.420 min
Delta R.T.: -0.007 min
Response: 2637152
Conc: 18.96 ug/ml



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

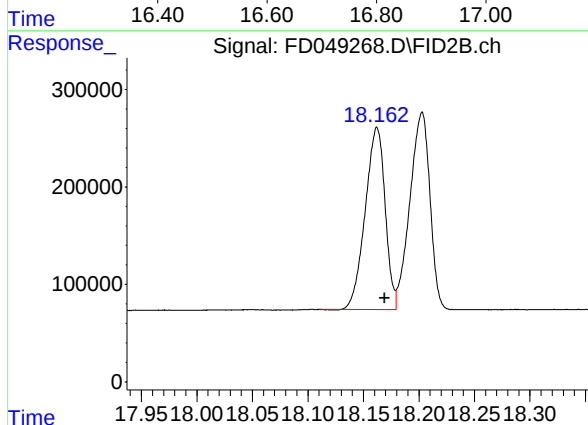
R.T.: 16.453 min
Delta R.T.: -0.007 min
Response: 2571918
Conc: 18.81 ug/ml

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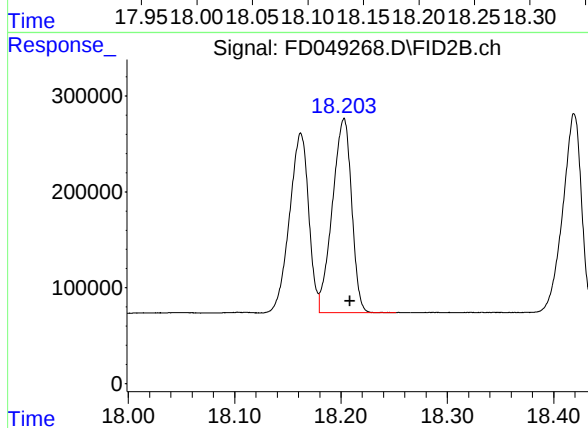
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 2454442
Conc: 18.88 ug/ml



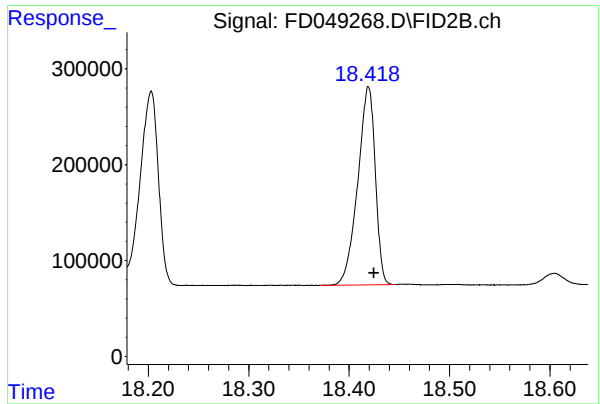
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.162 min
Delta R.T.: -0.007 min
Response: 2331161
Conc: 18.91 ug/ml



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

R.T.: 18.203 min
Delta R.T.: -0.006 min
Response: 2548100
Conc: 20.15 ug/ml



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

R.T.: 18.419 min
Delta R.T.: -0.006 min
Response: 2507427
Conc: 19.21 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD