

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049462.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 15:44
 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: Jun 13 04:14:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.732	3032496	18.242 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
6) S 2-Fluorobiphenyl (SURR)	8.597	2106706	18.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.83%
11) S ortho-Terphenyl (SURR)	11.643	3522208	17.548 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3096039	19.459 ug/ml
2) T Naphthalene (C11.7)	6.068	3352132	19.091 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3329545	18.638 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3541575	18.283 ug/ml
7) T Acenaphthene (C15.5)	8.697	3465941	18.221 ug/ml
8) T Fluorene (C16.55)	9.478	3539635	18.104 ug/ml
9) T Phenanthrene (C19.36)	10.876	3482754	18.317 ug/ml
10) T Anthracene (C19.43)	10.950	3098644	17.725 ug/ml
12) T Fluoranthene (C21.85)	12.690	3516600	19.496 ug/ml
13) T Pyrene (C20.8)	12.988	3523772	19.743 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3218405	21.175 ug/ml
15) T Chrysene (C27.41)	14.902	3246069	21.376 ug/ml
16) T benzo[b]fluoranthene ...	16.411	3210849	22.182 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	3160526	22.025 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	3014633	22.180 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2856042	22.360 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	3105029	23.064 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	3042480	22.573 ug/ml

(f)=RT Delta > 1/2 Window

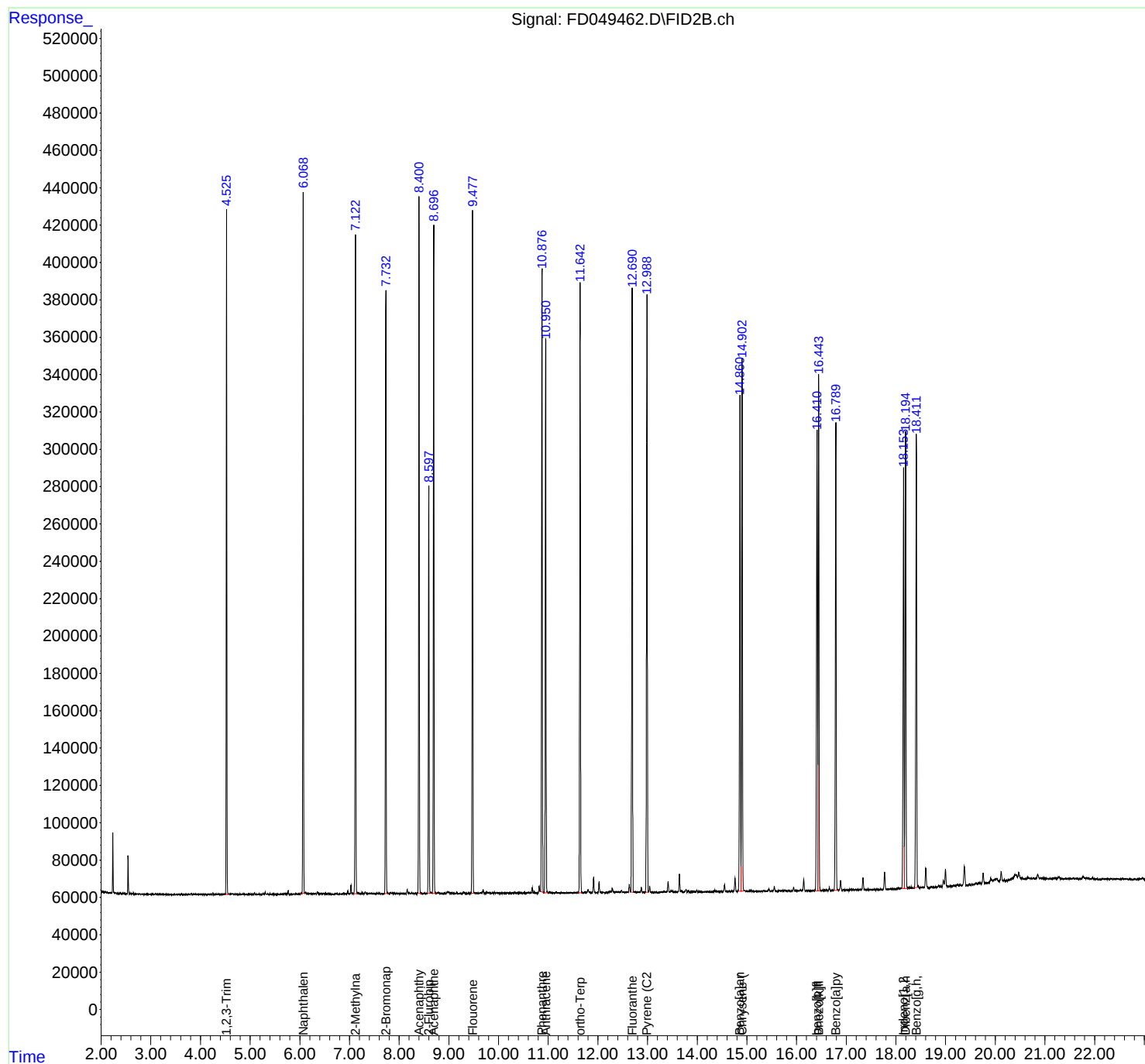
(m)=manual int.

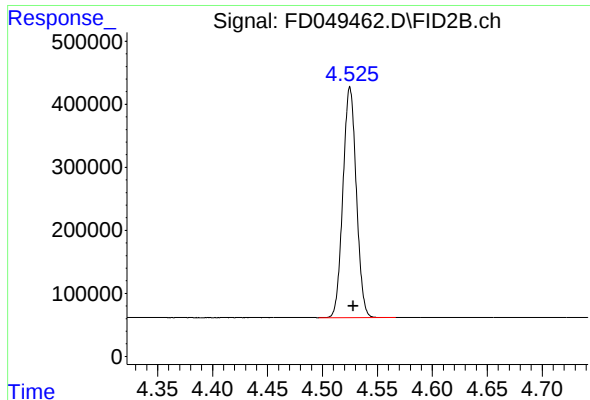
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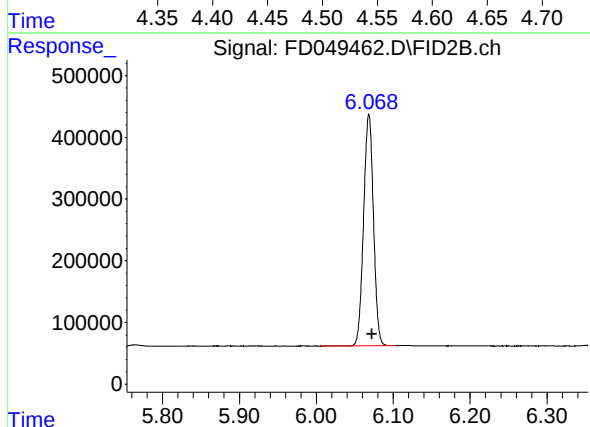




#1 1,2,3-Trimethylbenzene (C10.1)

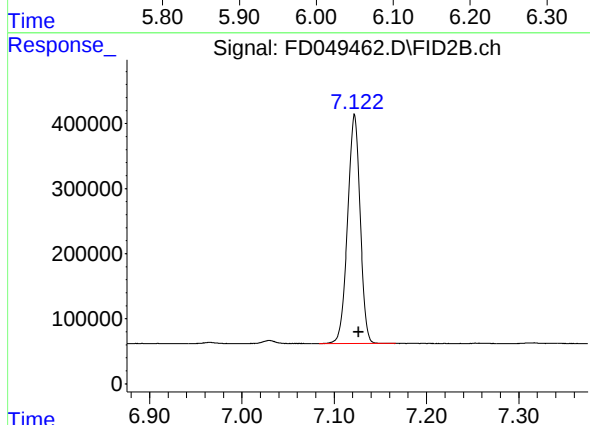
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3096039
Conc: 19.46 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



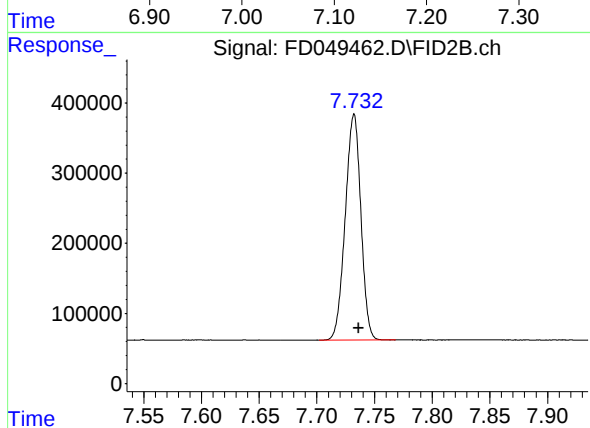
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 3352132
Conc: 19.09 ug/ml



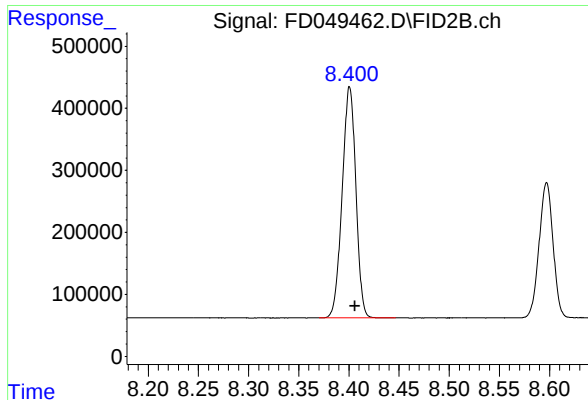
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 3329545
Conc: 18.64 ug/ml



#4 2-Bromonaphthalene (SURR)

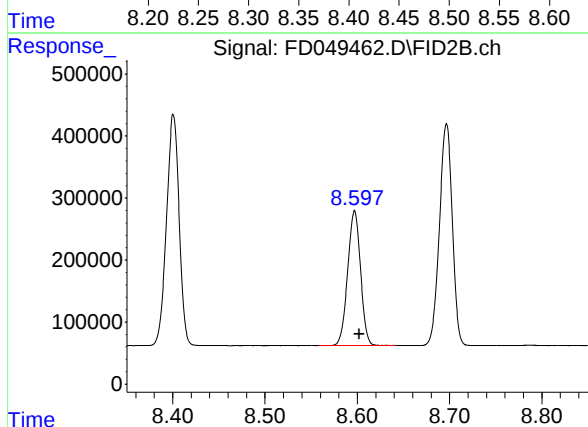
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 3032496
Conc: 18.24 ug/ml



#5 Acenaphthylene (C15.06)

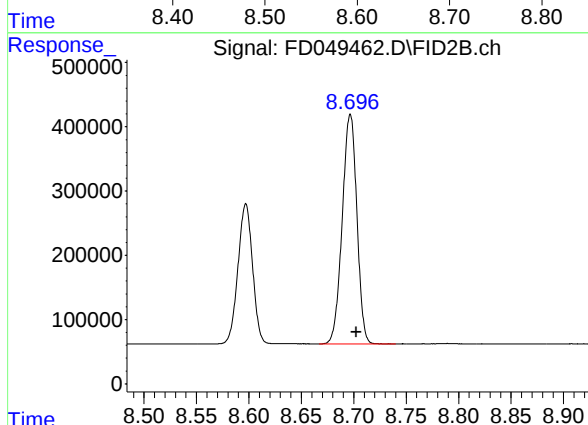
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3541575
Conc: 18.28 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



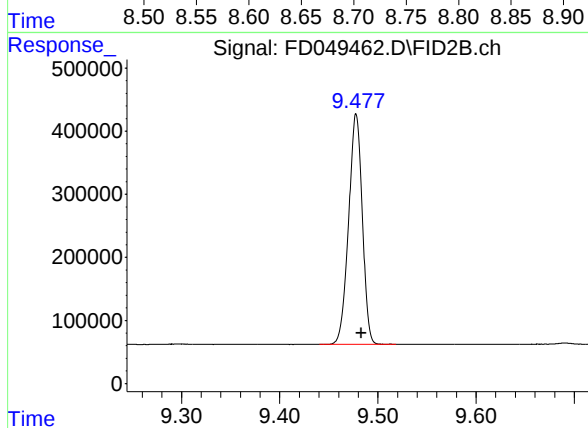
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2106706
Conc: 18.42 ug/ml



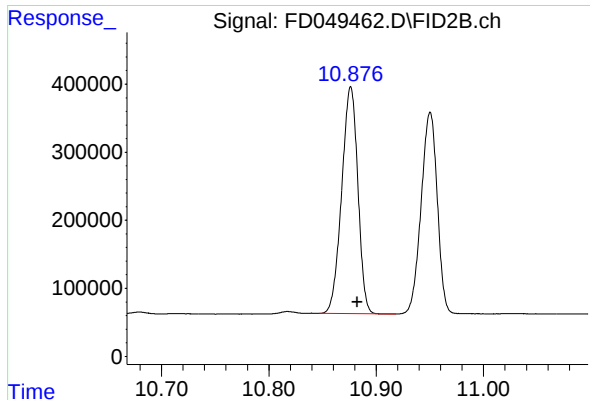
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.006 min
Response: 3465941
Conc: 18.22 ug/ml



#8 Flouorene (C16.55)

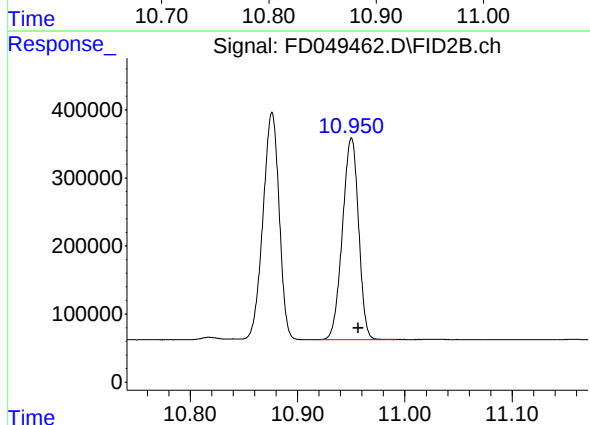
R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 3539635
Conc: 18.10 ug/ml



#9 Phenanthrene (C19.36)

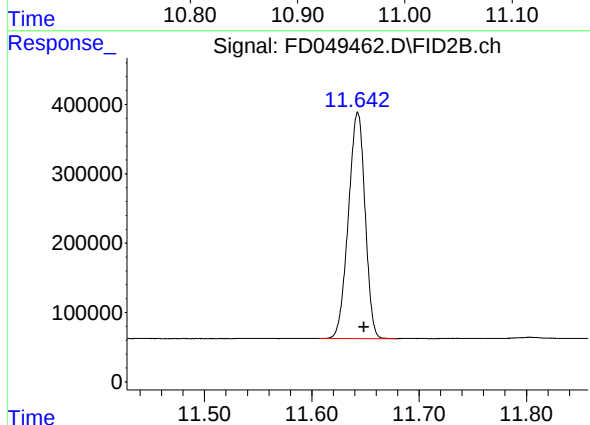
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3482754
Conc: 18.32 ug/ml

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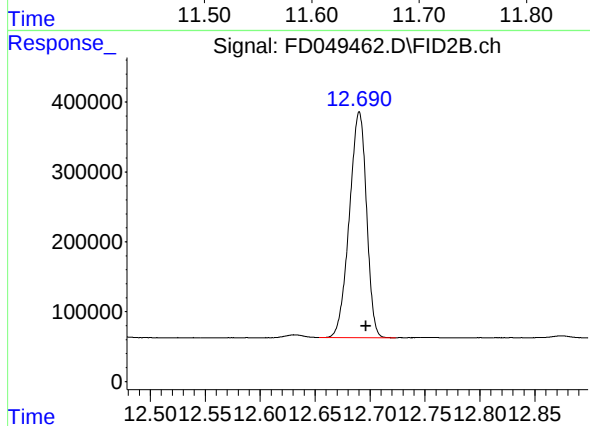
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3098644
Conc: 17.72 ug/ml



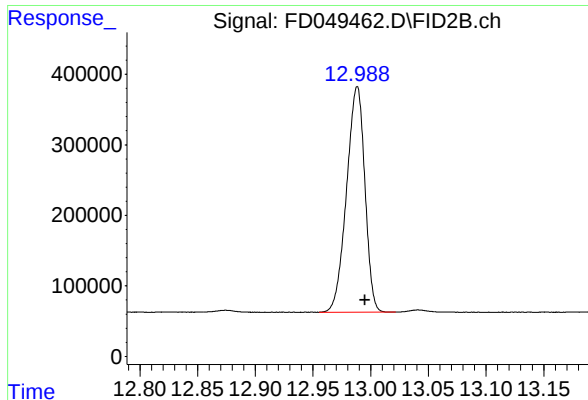
#11 ortho-Terphenyl (SURRE)

R.T.: 11.643 min
Delta R.T.: -0.006 min
Response: 3522208
Conc: 17.55 ug/ml



#12 Fluoranthene (C21.85)

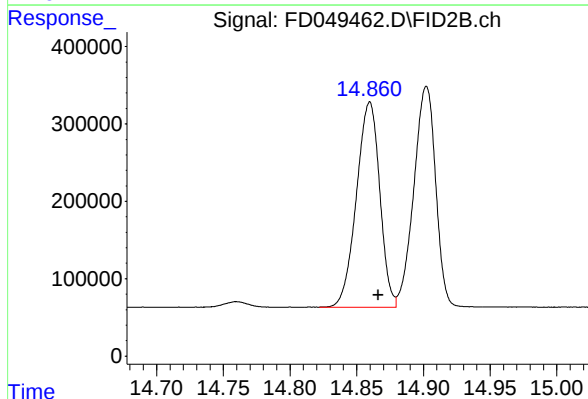
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3516600
Conc: 19.50 ug/ml



#13 Pyrene (C20.8)

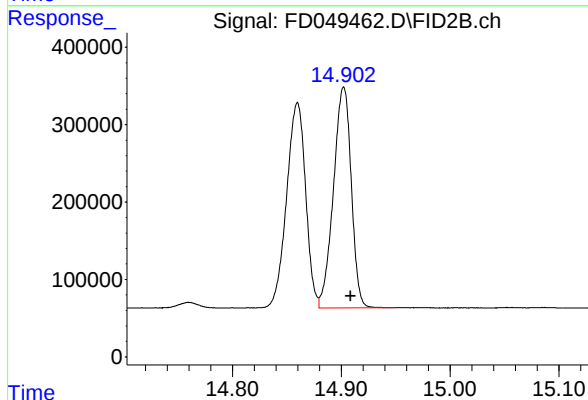
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3523772
Conc: 19.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



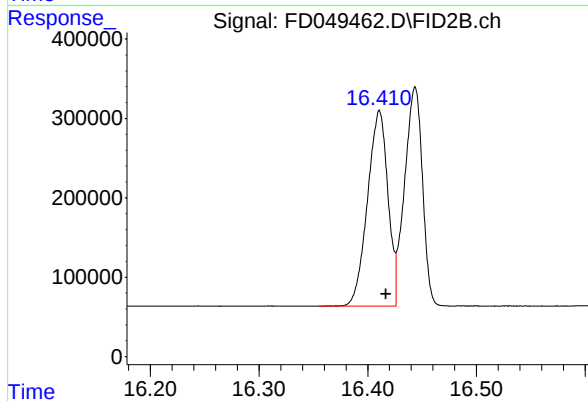
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.006 min
Response: 3218405
Conc: 21.18 ug/ml



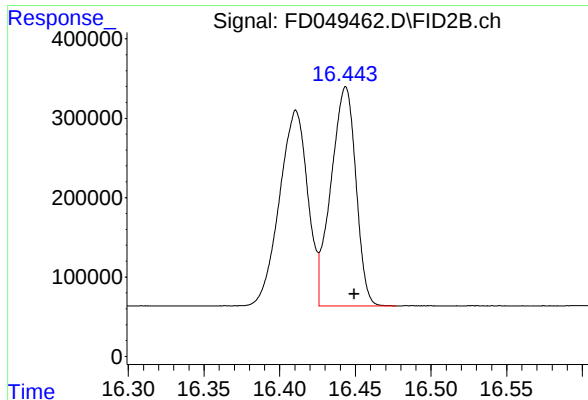
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.006 min
Response: 3246069
Conc: 21.38 ug/ml



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

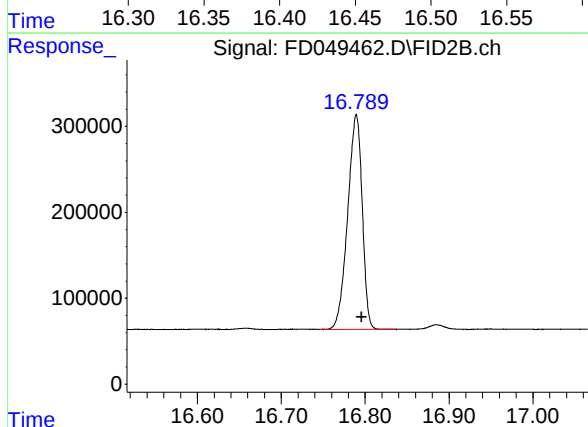
R.T.: 16.411 min
Delta R.T.: -0.006 min
Response: 3210849
Conc: 22.18 ug/ml



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

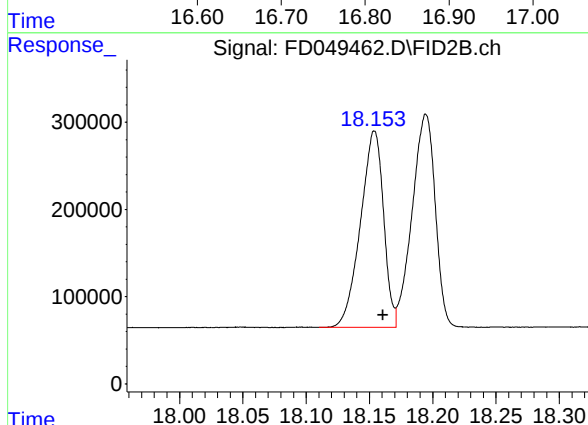
R.T.: 16.444 min
Delta R.T.: -0.006 min
Response: 3160526
Conc: 22.02 ug/ml

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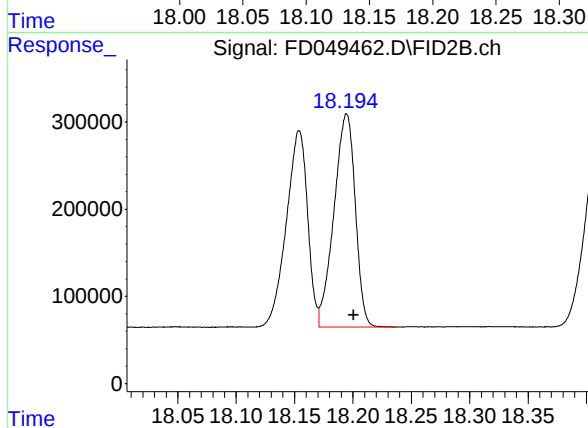
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: -0.006 min
Response: 3014633
Conc: 22.18 ug/ml



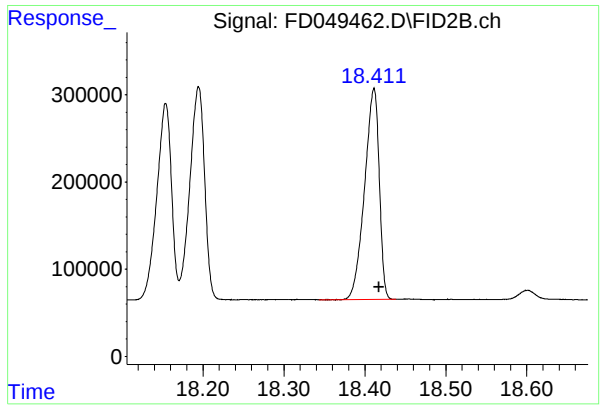
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: -0.007 min
Response: 2856042
Conc: 22.36 ug/ml



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

R.T.: 18.195 min
Delta R.T.: -0.006 min
Response: 3105029
Conc: 23.06 ug/ml



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

R.T.: 18.411 min
Delta R.T.: -0.006 min
Response: 3042480
Conc: 22.57 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD