

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049188.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 13:39
 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: Mar 11 14:34:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.351	3031438	19.936 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
6) S 2-Fluorobiphenyl (SURR)	8.203	1634669	20.524 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.05%
11) S ortho-Terphenyl (SURR)	11.231	3474823	19.878 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3390793	20.517 ug/ml
2) T Naphthalene (C11.7)	5.692	3376260	20.559 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3325629	20.286 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3433520	19.769 ug/ml
7) T Acenaphthene (C15.5)	8.294	3394279	18.133 ug/ml
8) T Fluorene (C16.55)	9.076	3282741	20.280 ug/ml
9) T Phenanthrene (C19.36)	10.462	3165148	20.123 ug/ml
10) T Anthracene (C19.43)	10.541	3017612	19.750 ug/ml
12) T Fluoranthene (C21.85)	12.267	3279498	20.320 ug/ml
13) T Pyrene (C20.8)	12.559	3212494	19.897 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2680832	22.892 ug/ml
15) T Chrysene (C27.41)	14.470	3484481	22.307 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2844681	21.728 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3435648	21.231 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	2766938	20.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	1752800	17.999 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	2865573	24.617 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2895687	23.405 ug/ml

(f)=RT Delta > 1/2 Window

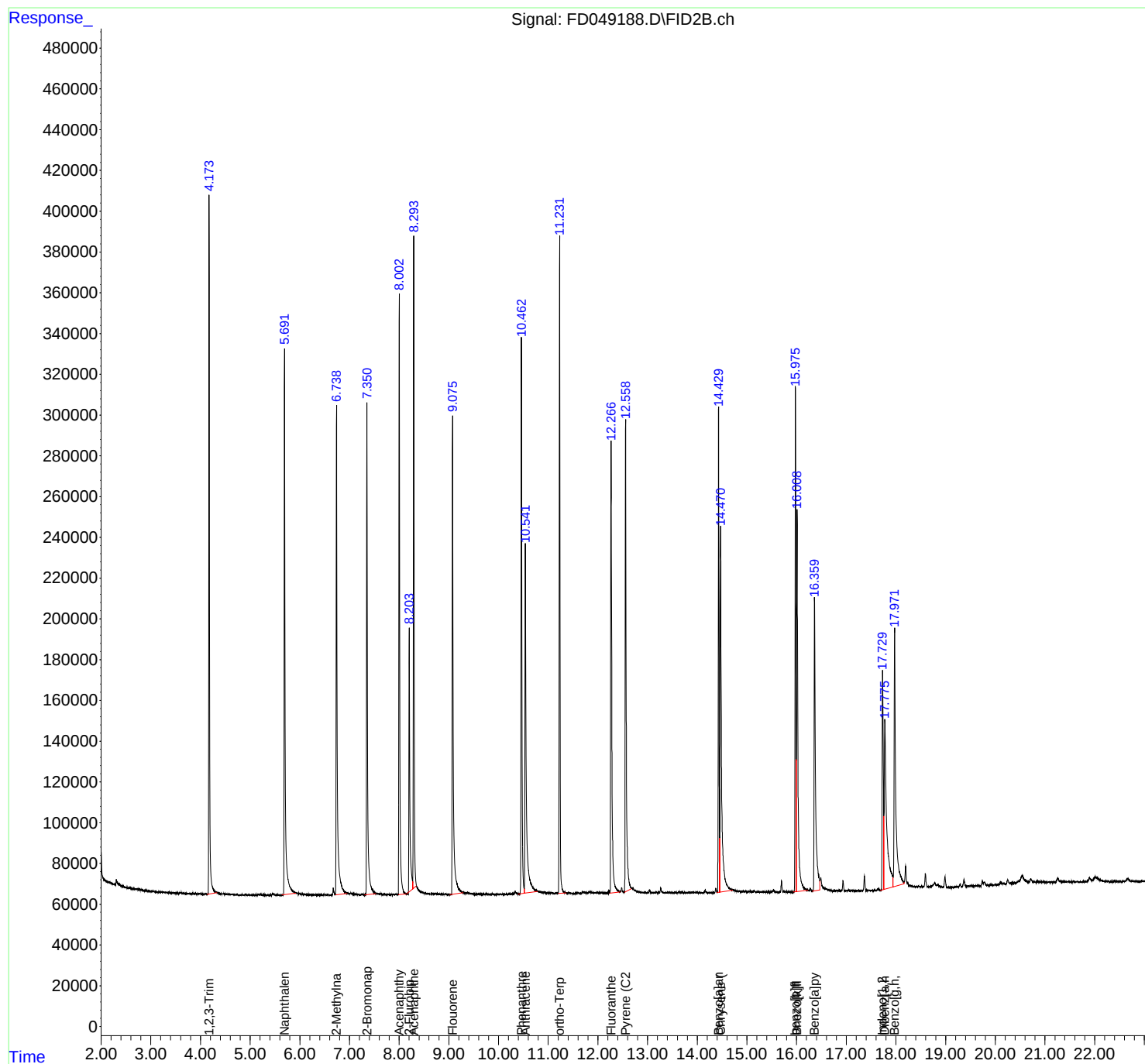
(m)=manual int.

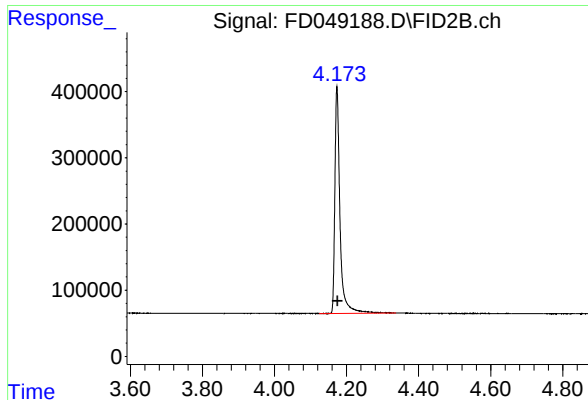
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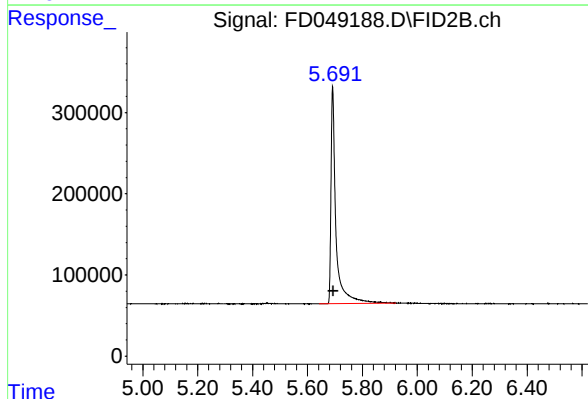




#1 1,2,3-Trimethylbenzene (C10.1)

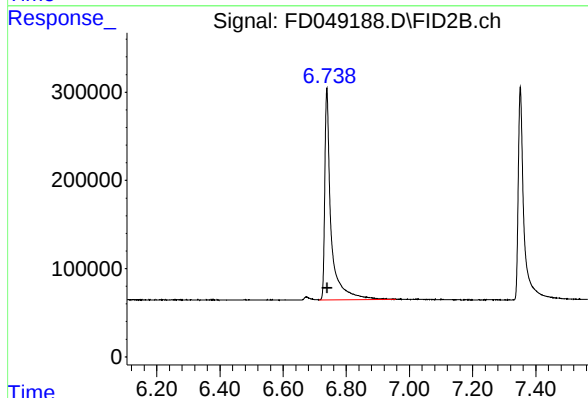
R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 3390793
Conc: 20.52 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



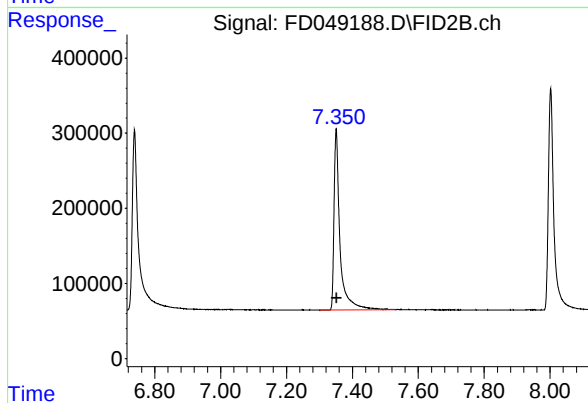
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 3376260
Conc: 20.56 ug/ml



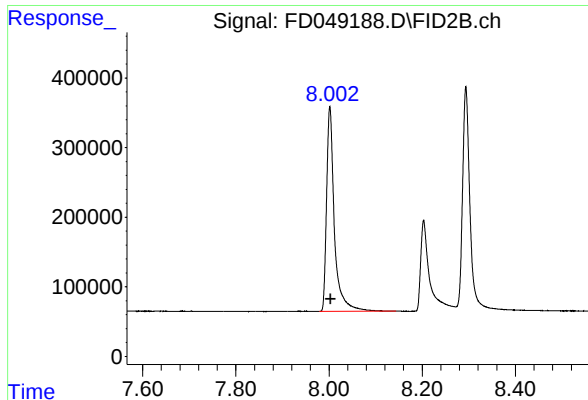
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 3325629
Conc: 20.29 ug/ml



#4 2-Bromonaphthalene (SURR)

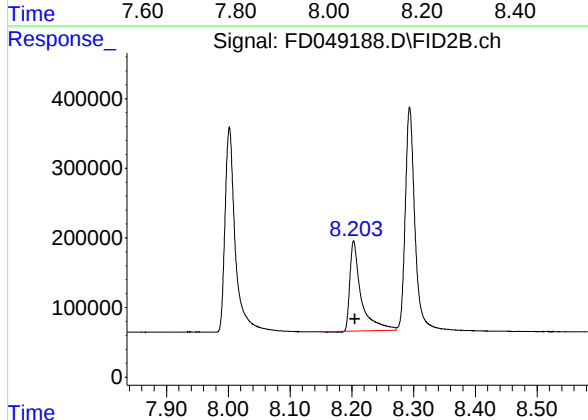
R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 3031438
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

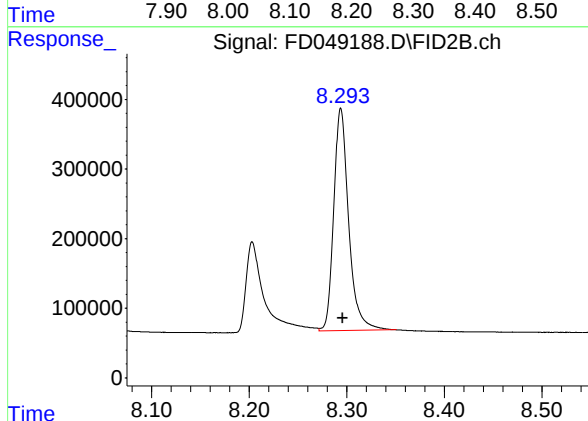
R.T.: 8.002 min
Delta R.T.: -0.001 min
Response: 3433520
Conc: 19.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



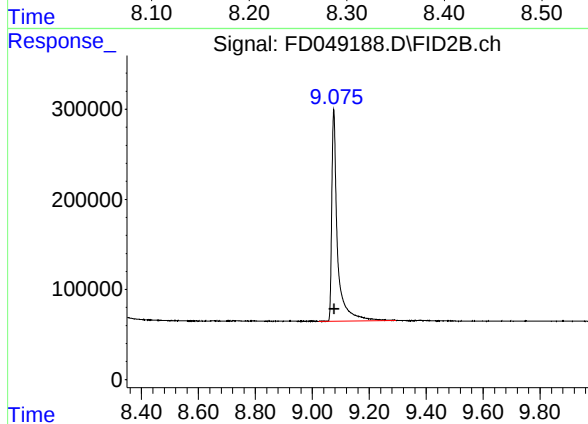
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.002 min
Response: 1634669
Conc: 20.52 ug/ml



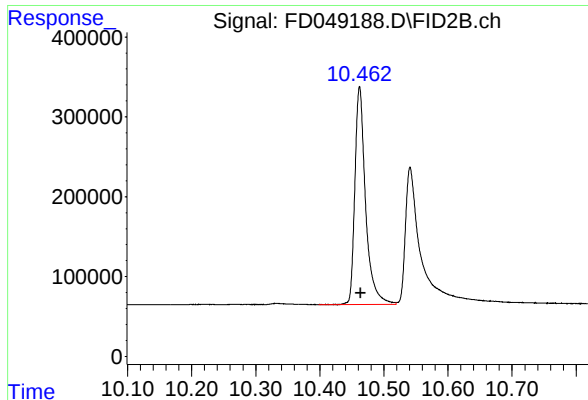
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 3394279
Conc: 18.13 ug/ml



#8 Flouorene (C16.55)

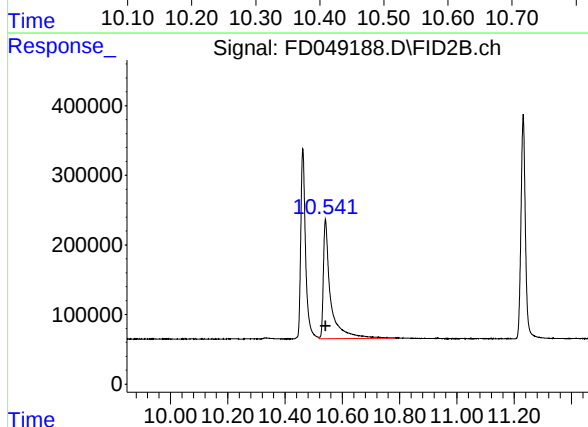
R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 3282741
Conc: 20.28 ug/ml



#9 Phenanthrene (C19.36)

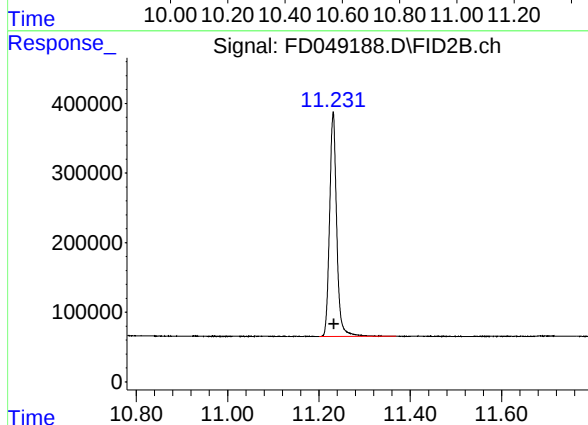
R.T.: 10.462 min
Delta R.T.: -0.002 min
Response: 3165148
Conc: 20.12 ug/ml

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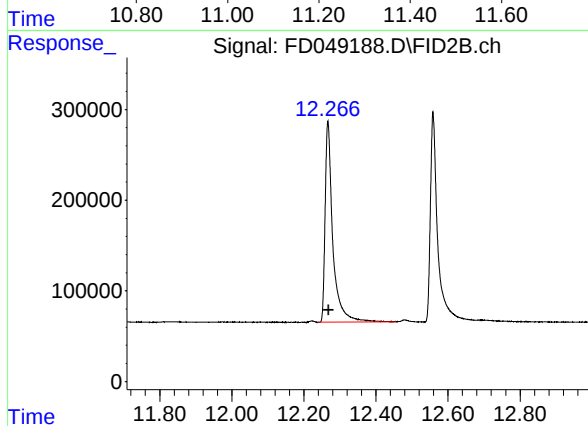
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.002 min
Response: 3017612
Conc: 19.75 ug/ml



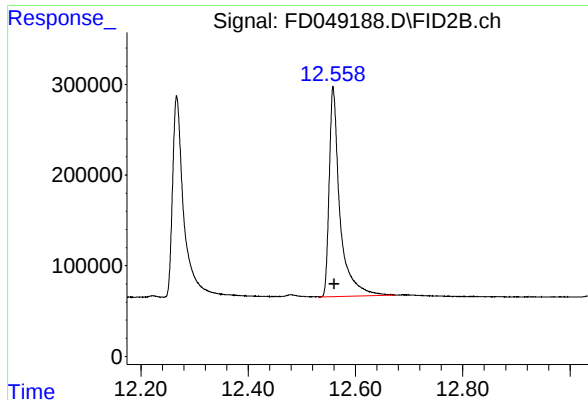
#11 ortho-Terphenyl (SURRE)

R.T.: 11.231 min
Delta R.T.: -0.002 min
Response: 3474823
Conc: 19.88 ug/ml



#12 Fluoranthene (C21.85)

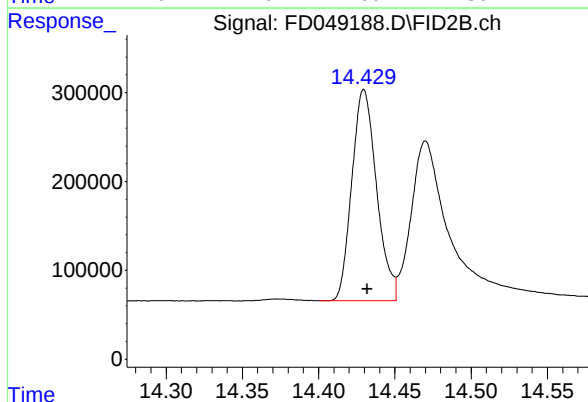
R.T.: 12.267 min
Delta R.T.: -0.002 min
Response: 3279498
Conc: 20.32 ug/ml



#13 Pyrene (C20.8)

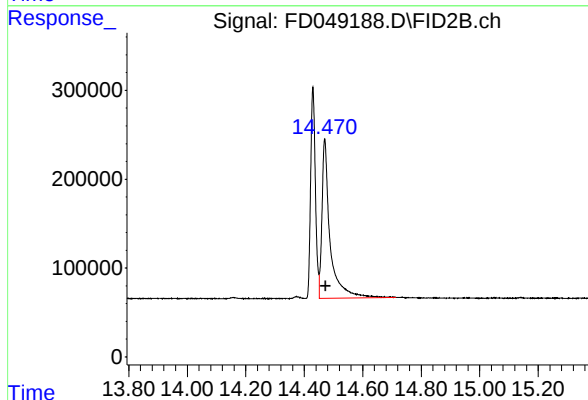
R.T.: 12.559 min
Delta R.T.: -0.003 min
Response: 3212494
Conc: 19.90 ug/ml

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20 PPM AROMATIC HC STD



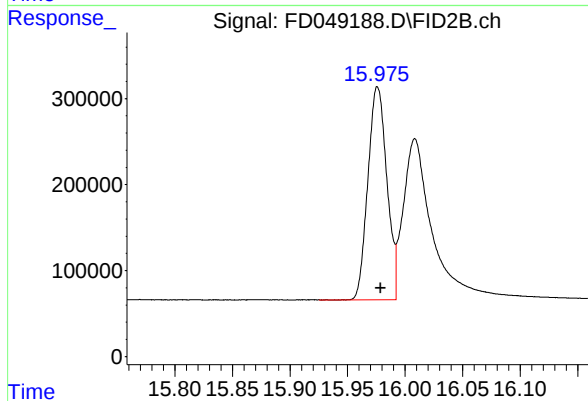
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: -0.002 min
Response: 2680832
Conc: 22.89 ug/ml



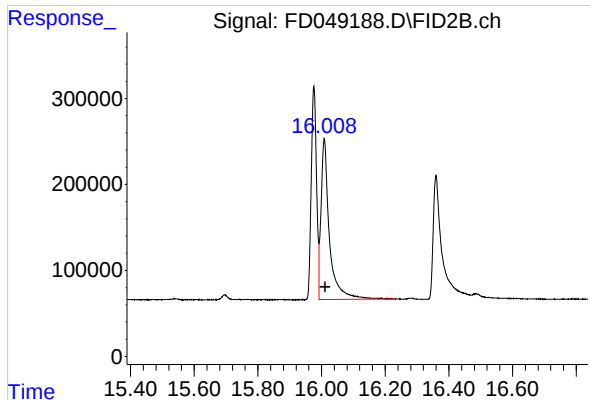
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: -0.003 min
Response: 3484481
Conc: 22.31 ug/ml



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

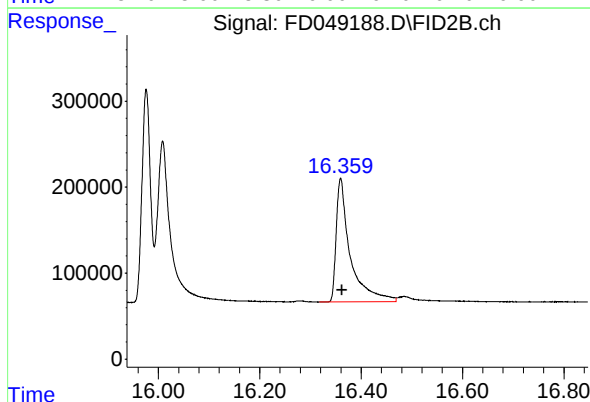
R.T.: 15.976 min
Delta R.T.: -0.003 min
Response: 2844681
Conc: 21.73 ug/ml



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

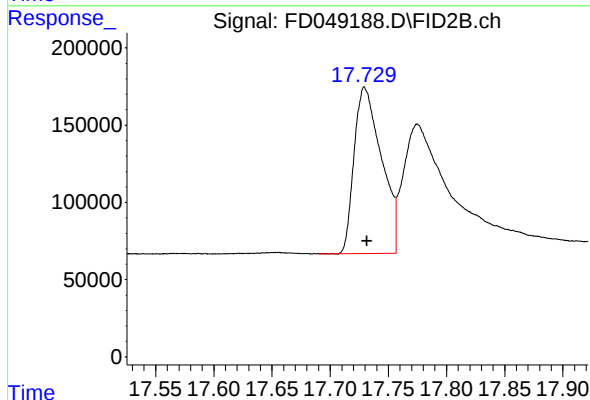
R.T.: 16.009 min
Delta R.T.: -0.002 min
Response: 3435648
Conc: 21.23 ug/ml

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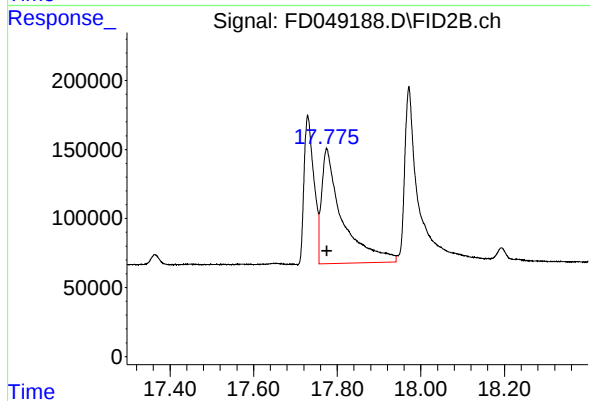
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: -0.003 min
Response: 2766938
Conc: 20.09 ug/ml



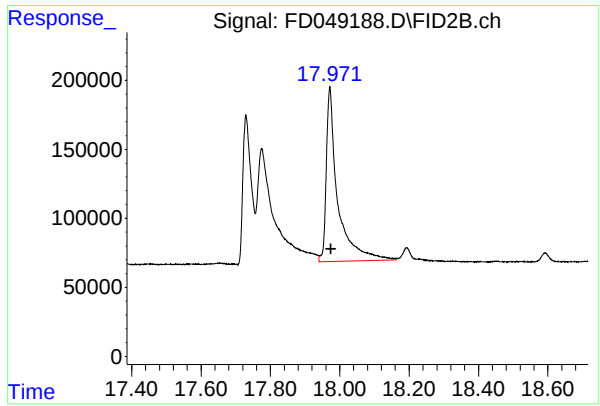
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.002 min
Response: 1752800
Conc: 18.00 ug/ml



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

R.T.: 17.775 min
Delta R.T.: 0.000 min
Response: 2865573
Conc: 24.62 ug/ml



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

R.T.: 17.972 min
Delta R.T.: -0.003 min
Response: 2895687
Conc: 23.40 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD