

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049051.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 08:50
 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: Feb 07 23:56:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.353	2929635	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
6) S 2-Fluorobiphenyl (SURR)	8.204	1875717	22.045 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.09%
11) S ortho-Terphenyl (SURR)	11.237	3315572	20.161 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3301941	21.421 ug/ml
2) T Naphthalene (C11.7)	5.694	3308337	21.165 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3232174	20.835 ug/ml
5) T Acenaphthylene (C15.06)	8.005	3347619	20.469 ug/ml
7) T Acenaphthene (C15.5)	8.298	3340783	19.890 ug/ml
8) T Fluorene (C16.55)	9.078	3250384	20.778 ug/ml
9) T Phenanthrene (C19.36)	10.465	3124474	20.515 ug/ml
10) T Anthracene (C19.43)	10.541	3153954	20.705 ug/ml
12) T Fluoranthene (C21.85)	12.269	3213665	20.431 ug/ml
13) T Pyrene (C20.8)	12.562	3148352	19.985 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2865319	22.267 ug/ml
15) T Chrysene (C27.41)	14.474	3231899	19.113 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2984451	21.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	3178310	19.624 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	2839030	20.399 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	2296213	22.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	3239680	22.694 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2999732	21.030 ug/ml

(f)=RT Delta > 1/2 Window

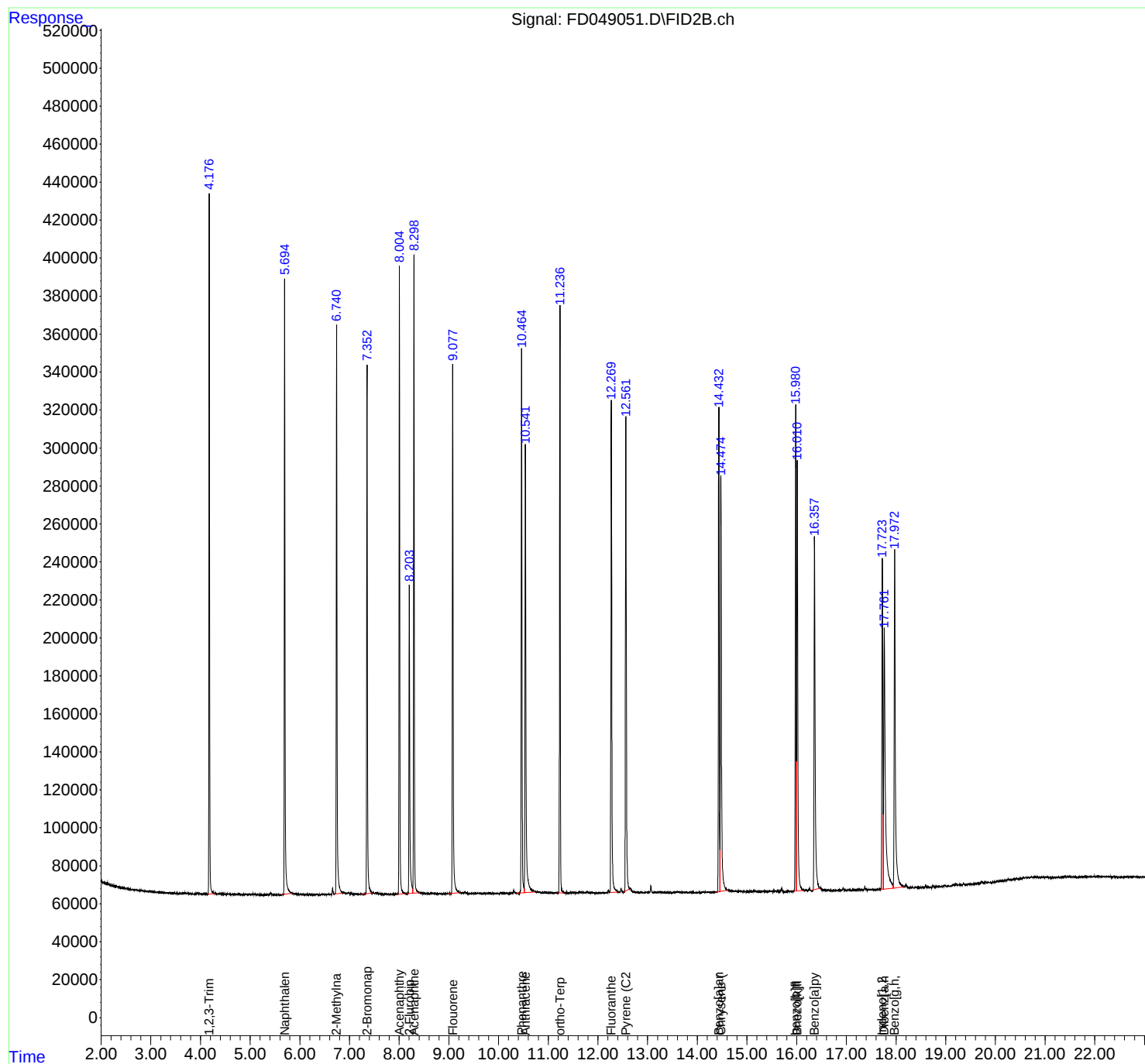
(m)=manual int.

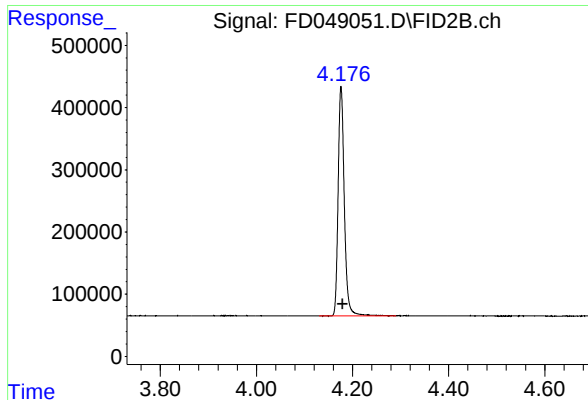
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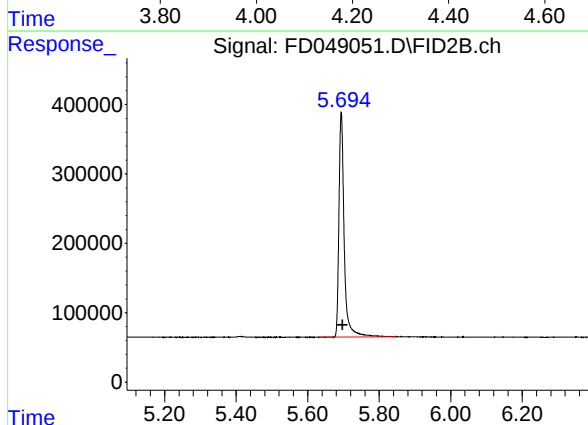




#1 1,2,3-Trimethylbenzene (C10.1)

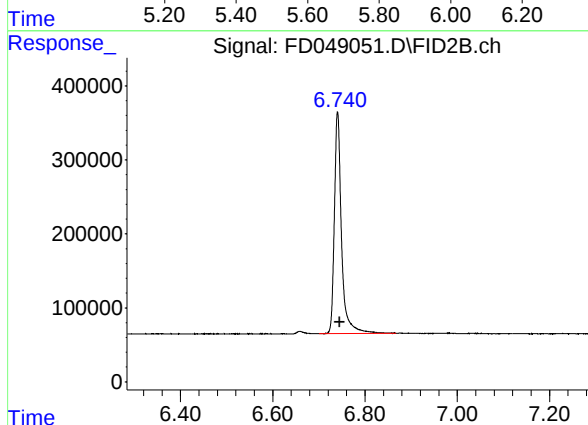
R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 3301941
Conc: 21.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



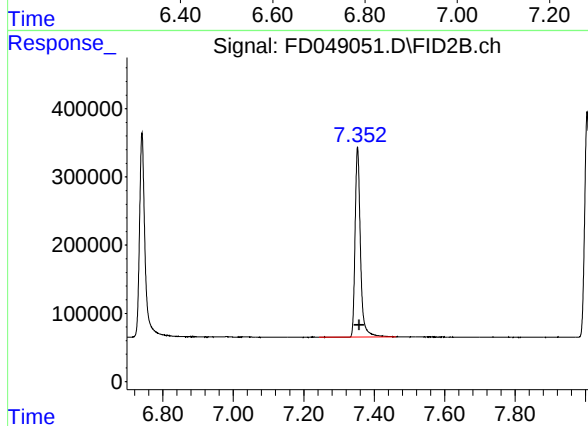
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 3308337
Conc: 21.16 ug/ml



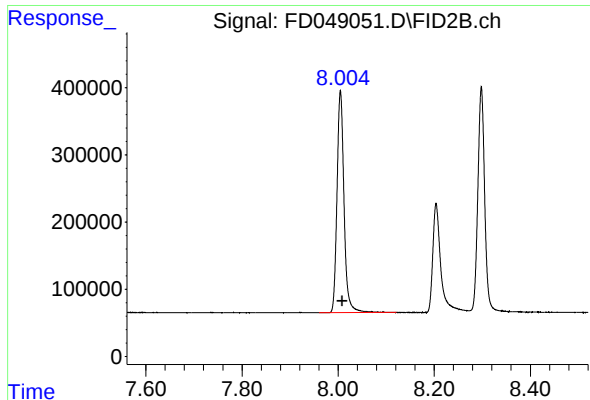
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 3232174
Conc: 20.84 ug/ml



#4 2-Bromonaphthalene (SURR)

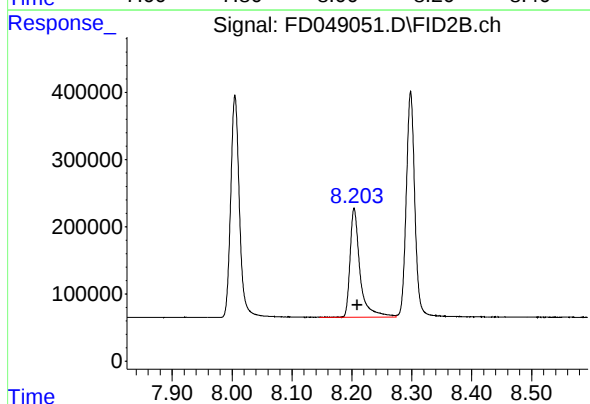
R.T.: 7.353 min
Delta R.T.: -0.005 min
Response: 2929635
Conc: 20.58 ug/ml



#5 Acenaphthylene (C15.06)

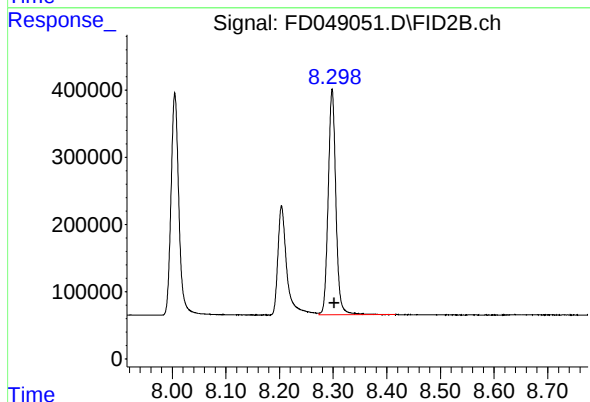
R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 3347619
Conc: 20.47 ug/ml

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20 PPM AROMATIC HC STD



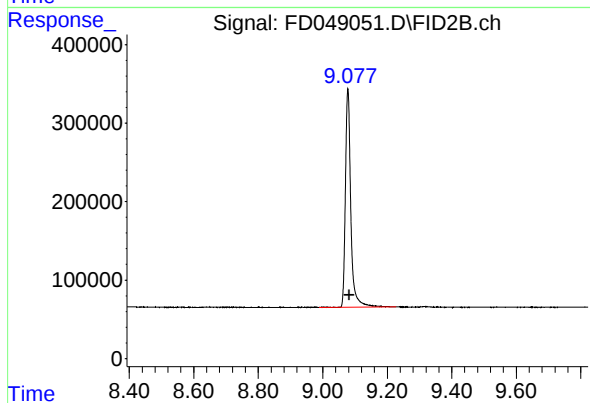
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 1875717
Conc: 22.04 ug/ml



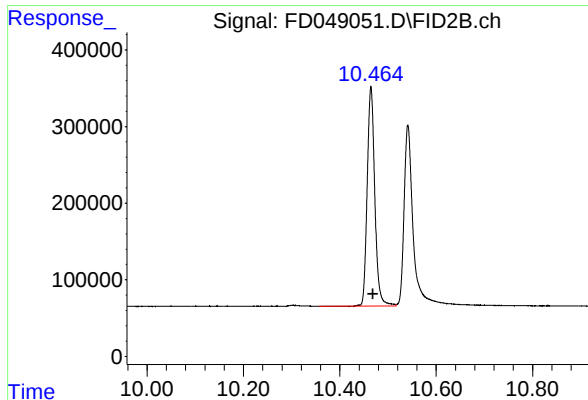
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 3340783
Conc: 19.89 ug/ml



#8 Fluorene (C16.55)

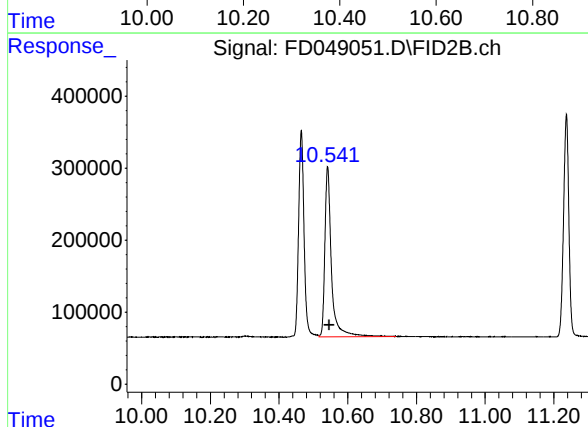
R.T.: 9.078 min
Delta R.T.: -0.005 min
Response: 3250384
Conc: 20.78 ug/ml



#9 Phenanthrene (C19.36)

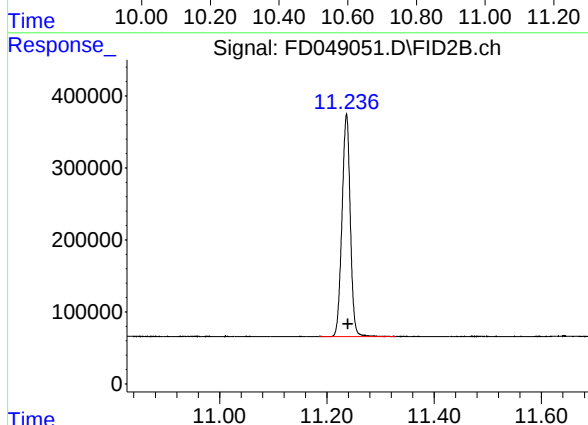
R.T.: 10.465 min
Delta R.T.: -0.004 min
Response: 3124474
Conc: 20.52 ug/ml

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20 PPM AROMATIC HC STD



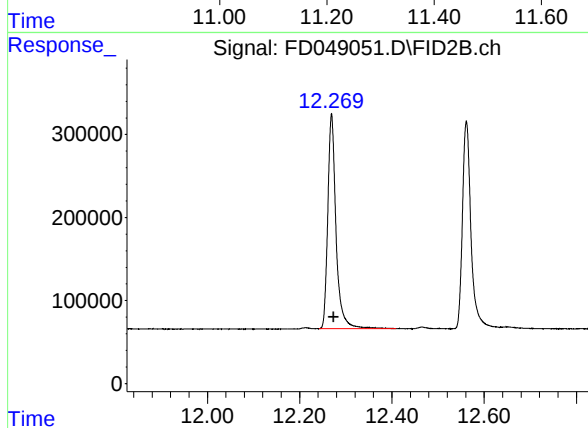
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.005 min
Response: 3153954
Conc: 20.71 ug/ml



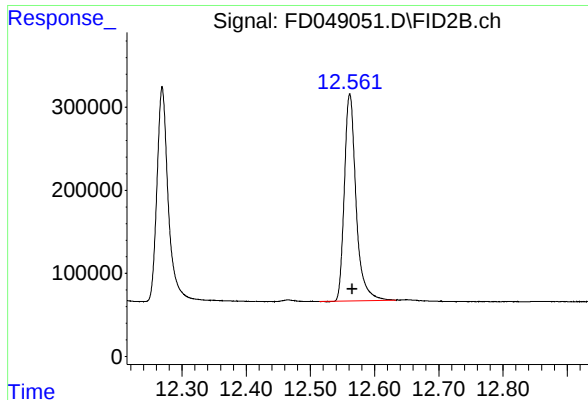
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.002 min
Response: 3315572
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

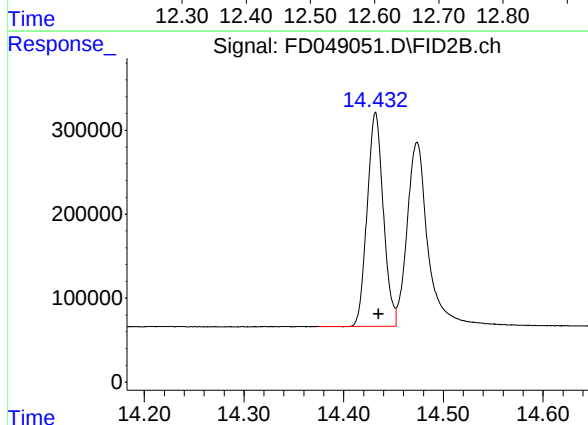
R.T.: 12.269 min
Delta R.T.: -0.004 min
Response: 3213665
Conc: 20.43 ug/ml



#13 Pyrene (C20.8)

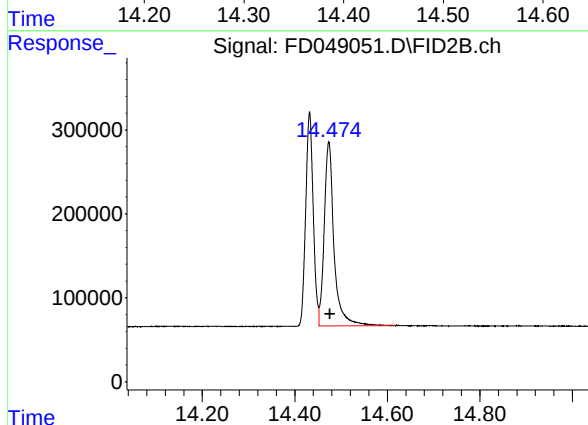
R.T.: 12.562 min
Delta R.T.: -0.004 min
Response: 3148352
Conc: 19.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



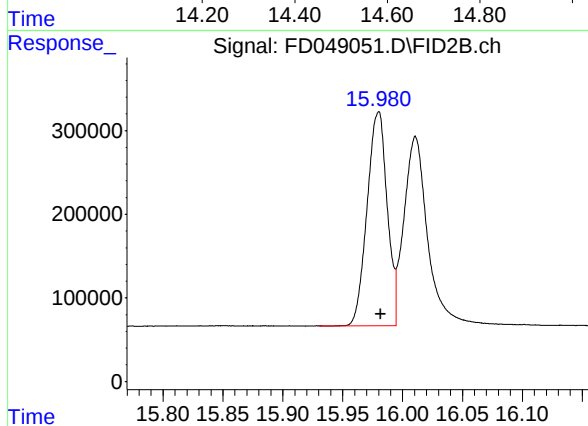
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: -0.003 min
Response: 2865319
Conc: 22.27 ug/ml



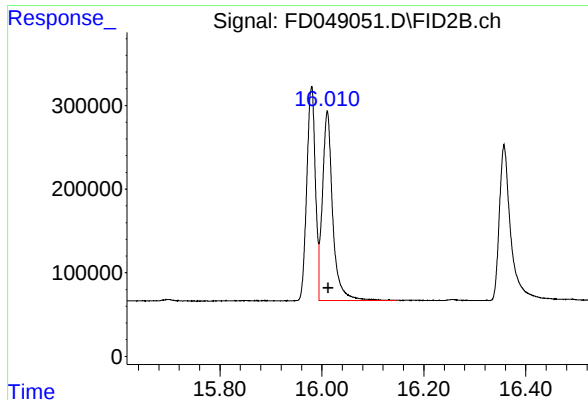
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.003 min
Response: 3231899
Conc: 19.11 ug/ml



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

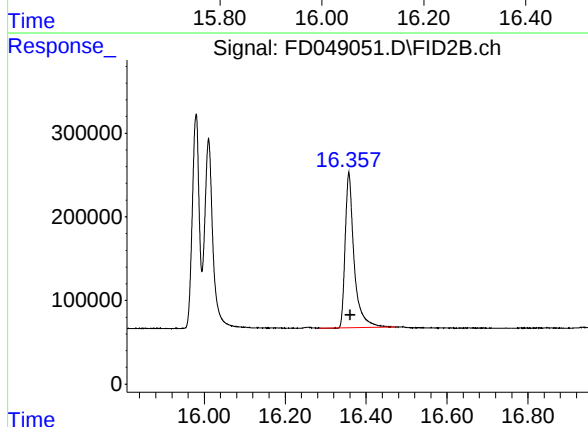
R.T.: 15.980 min
Delta R.T.: -0.002 min
Response: 2984451
Conc: 21.84 ug/ml



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

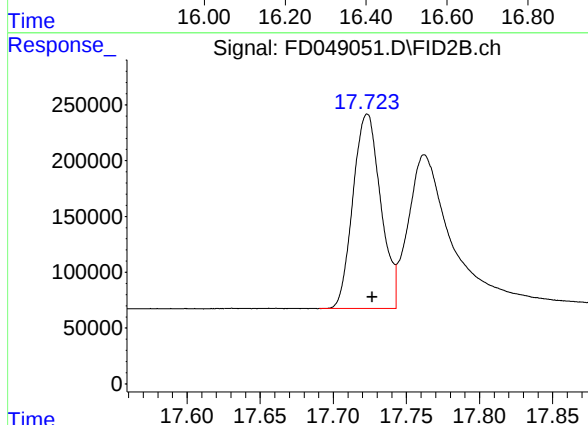
R.T.: 16.011 min
Delta R.T.: -0.002 min
Response: 3178310
Conc: 19.62 ug/ml

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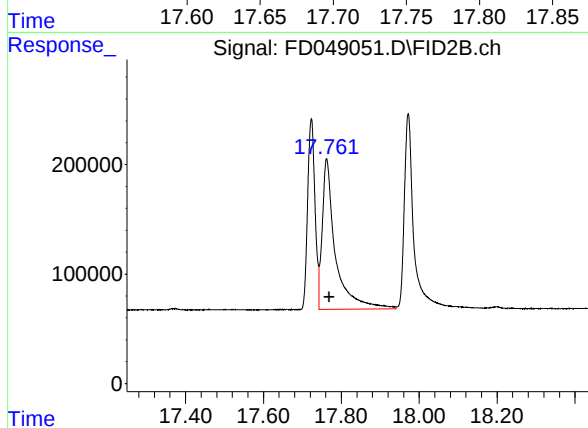
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: -0.004 min
Response: 2839030
Conc: 20.40 ug/ml



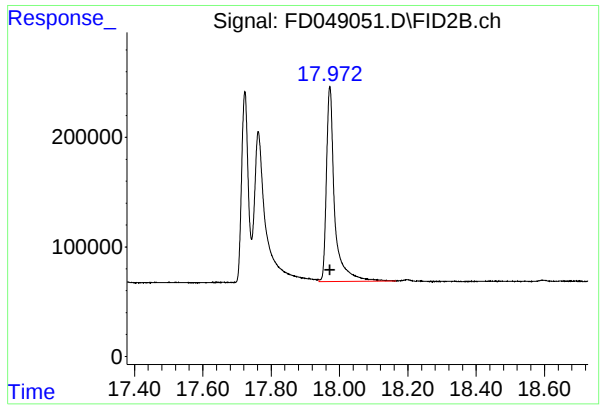
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: -0.003 min
Response: 2296213
Conc: 22.02 ug/ml



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

R.T.: 17.762 min
Delta R.T.: -0.007 min
Response: 3239680
Conc: 22.69 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.000 min
Response: 2999732
Conc: 21.03 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD