

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021025AR\
 Data File : FD049066.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 09:43
 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 11 01:11:29 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...	7.352	3072975	21.592 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
6) S 2-Fluorobiphenyl (SURR)	8.202	1991094	23.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.80%
11) S ortho-Terphenyl (SURR)	11.233	3492247	21.236 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3428656	22.243 ug/ml
2) T Naphthalene (C11.7)	5.693	3461398	22.144 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3383749	21.812 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3512436	21.477 ug/ml
7) T Acenaphthene (C15.5)	8.297	3477854	20.706 ug/ml
8) T Fluorene (C16.55)	9.076	3417323	21.845 ug/ml
9) T Phenanthrene (C19.36)	10.462	3299251	21.663 ug/ml
10) T Anthracene (C19.43)	10.539	3235057	21.238 ug/ml
12) T Fluoranthene (C21.85)	12.265	3381723	21.499 ug/ml
13) T Pyrene (C20.8)	12.559	3301533	20.958 ug/ml
14) T Benzo[a]anthracene (C...	14.428	3016108	23.439 ug/ml
15) T Chrysene (C27.41)	14.469	3258885	19.272 ug/ml
16) T benzo[b]fluoranthene ...	15.976	3089026	22.608 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	3333211	20.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	3003262	21.579 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2448770	23.480 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	3284359	23.007 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	2969753	20.820 ug/ml

(f)=RT Delta > 1/2 Window

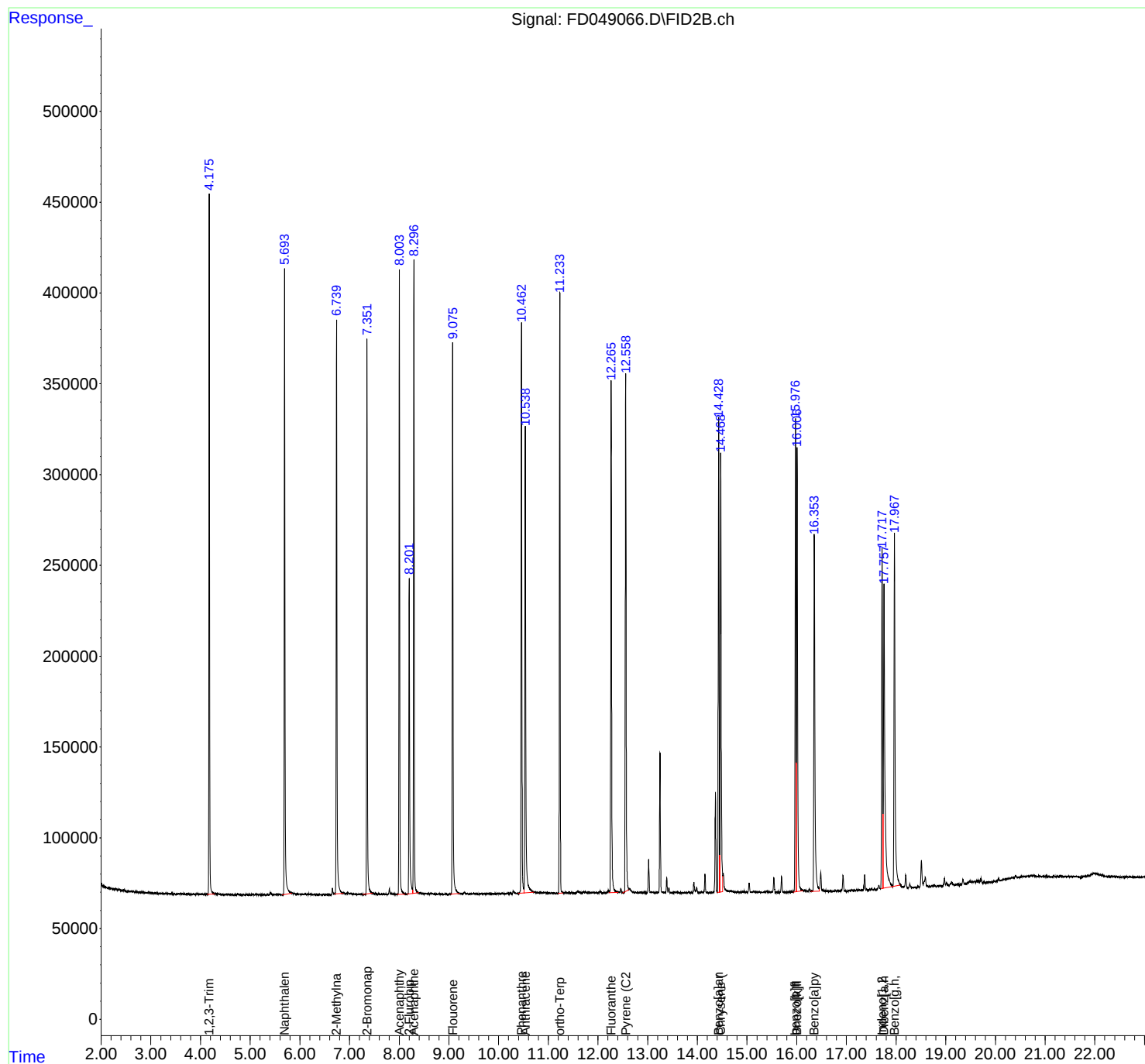
(m)=manual int.

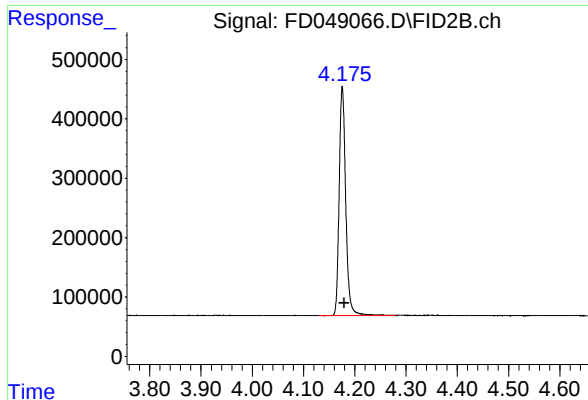
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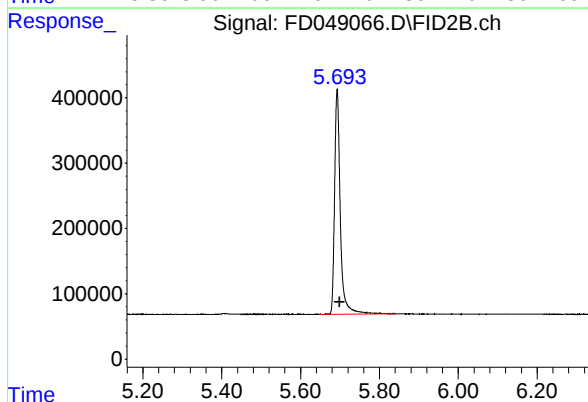




#1 1,2,3-Trimethylbenzene (C10.1)

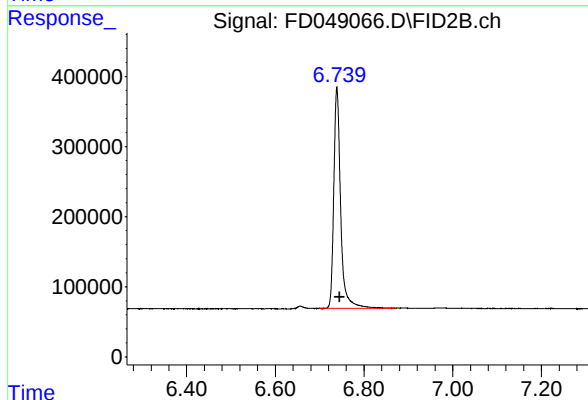
R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 3428656
Conc: 22.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



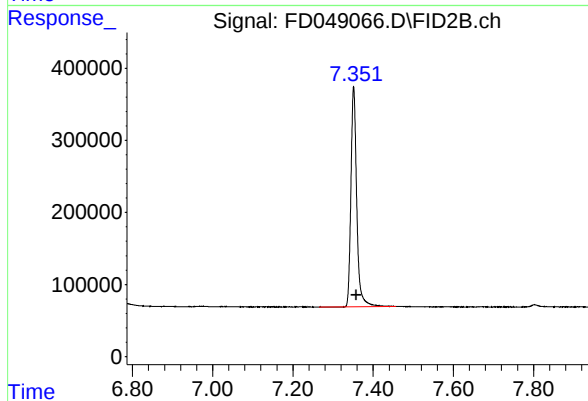
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 3461398
Conc: 22.14 ug/ml



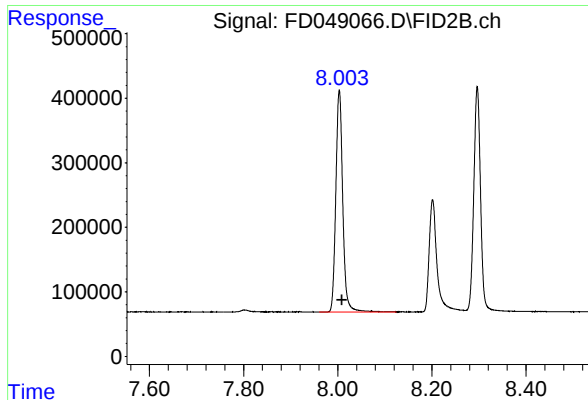
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 3383749
Conc: 21.81 ug/ml



#4 2-Bromonaphthalene (SURR)

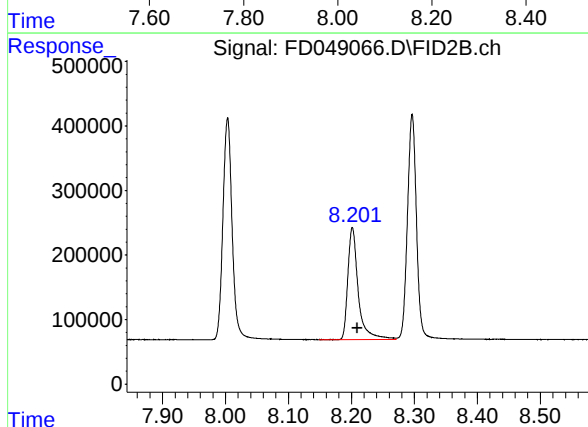
R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 3072975
Conc: 21.59 ug/ml



#5 Acenaphthylene (C15.06)

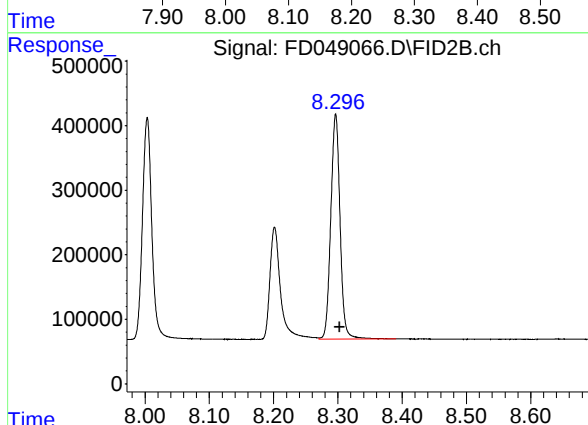
R.T.: 8.004 min
Delta R.T.: -0.006 min
Response: 3512436
Conc: 21.48 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



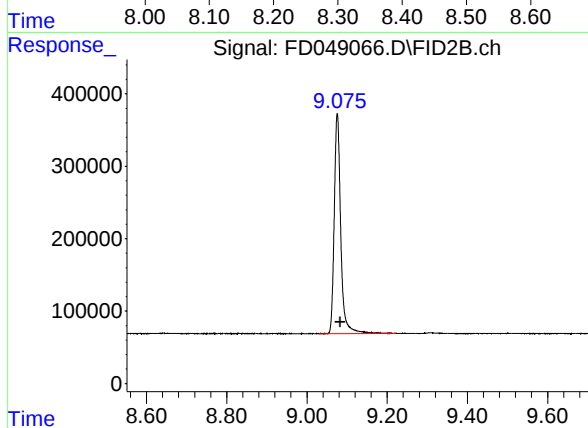
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 1991094
Conc: 23.40 ug/ml



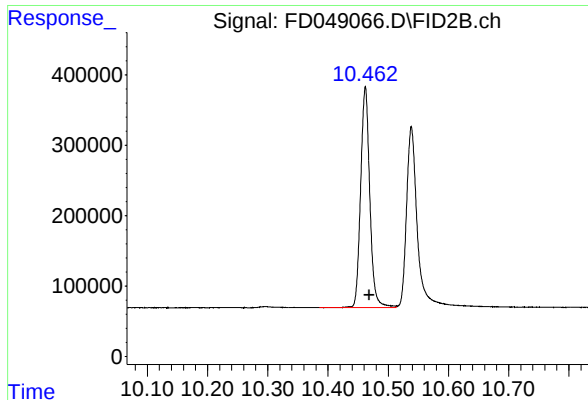
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.006 min
Response: 3477854
Conc: 20.71 ug/ml



#8 Fluorene (C16.55)

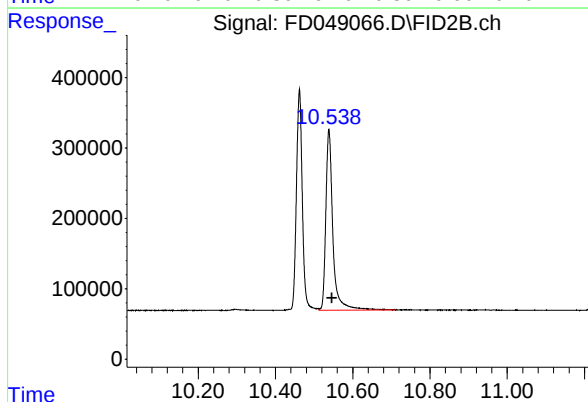
R.T.: 9.076 min
Delta R.T.: -0.007 min
Response: 3417323
Conc: 21.85 ug/ml



#9 Phenanthrene (C19.36)

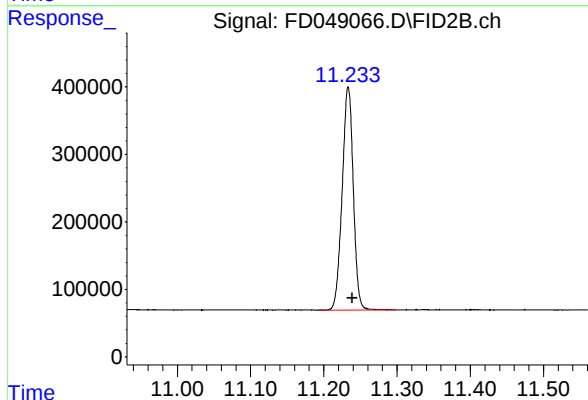
R.T.: 10.462 min
Delta R.T.: -0.007 min
Response: 3299251
Conc: 21.66 ug/ml

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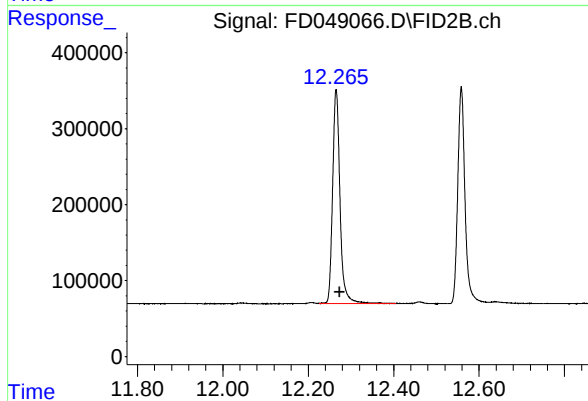
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.008 min
Response: 3235057
Conc: 21.24 ug/ml



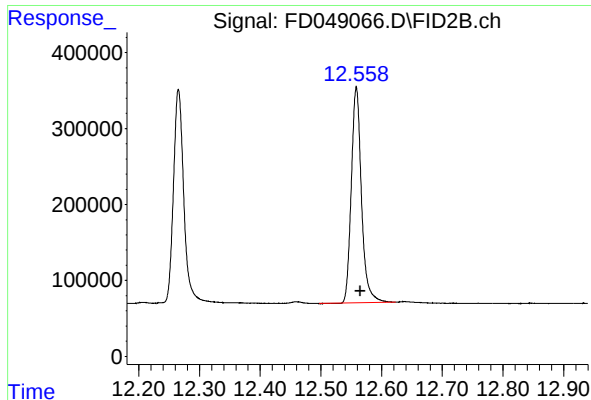
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.006 min
Response: 3492247
Conc: 21.24 ug/ml



#12 Fluoranthene (C21.85)

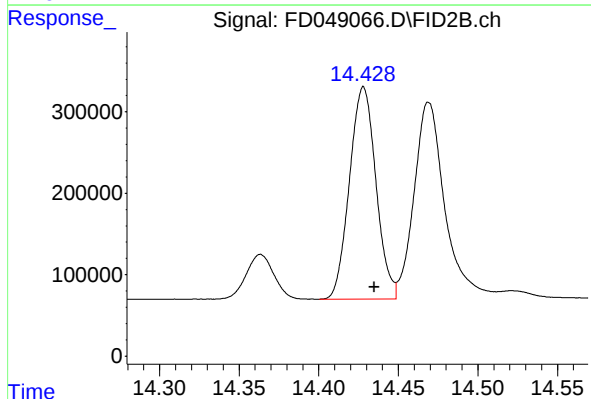
R.T.: 12.265 min
Delta R.T.: -0.008 min
Response: 3381723
Conc: 21.50 ug/ml



#13 Pyrene (C20.8)

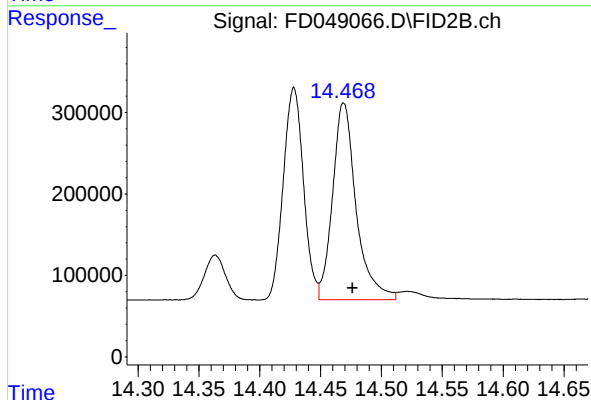
R.T.: 12.559 min
Delta R.T.: -0.007 min
Response: 3301533
Conc: 20.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



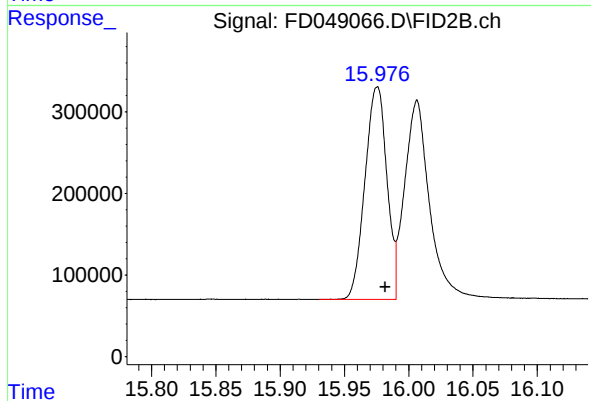
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.007 min
Response: 3016108
Conc: 23.44 ug/ml



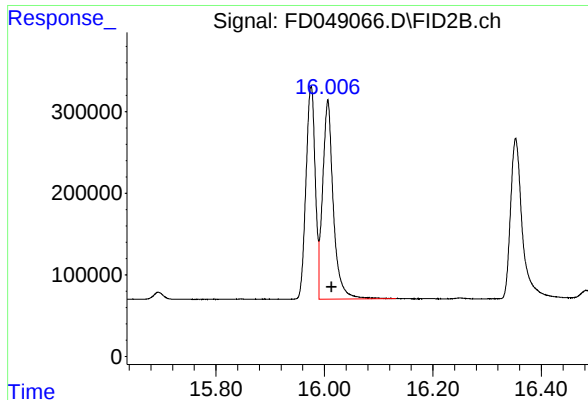
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.007 min
Response: 3258885
Conc: 19.27 ug/ml



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

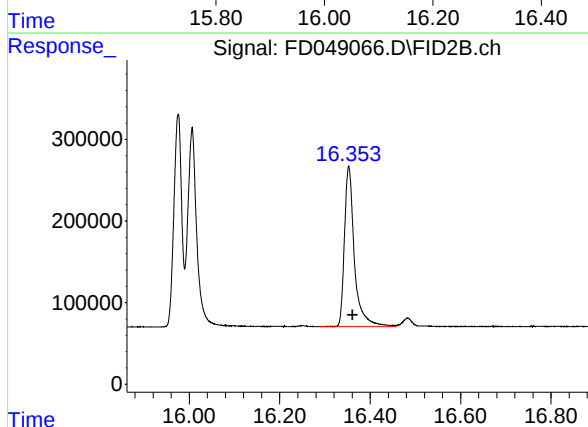
R.T.: 15.976 min
Delta R.T.: -0.006 min
Response: 3089026
Conc: 22.61 ug/ml



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

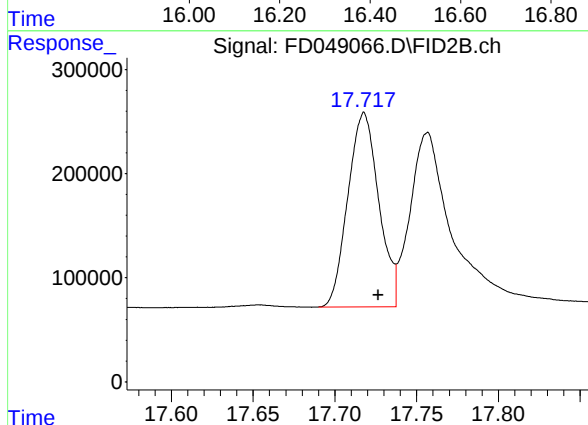
R.T.: 16.006 min
Delta R.T.: -0.007 min
Response: 3333211
Conc: 20.58 ug/ml

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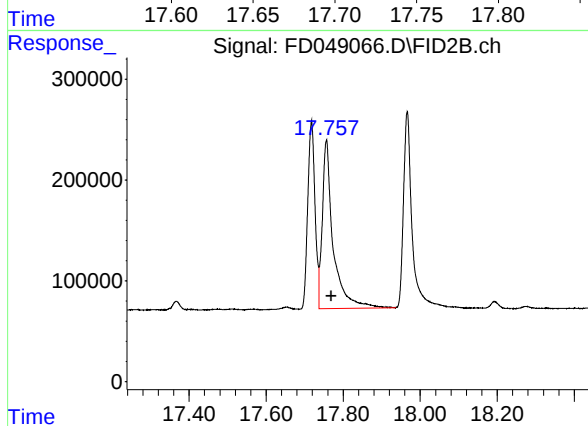
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.009 min
Response: 3003262
Conc: 21.58 ug/ml



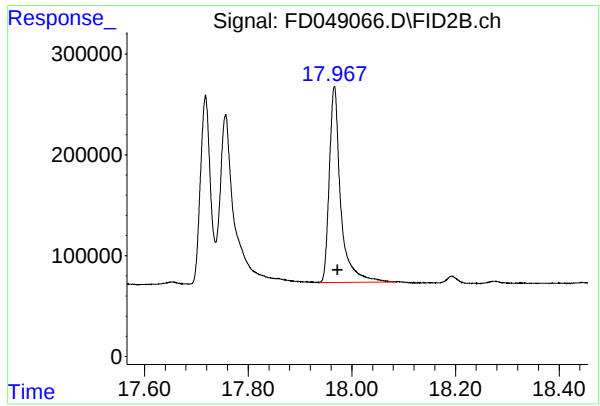
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.009 min
Response: 2448770
Conc: 23.48 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.013 min
Response: 3284359
Conc: 23.01 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.006 min
Response: 2969753
Conc: 20.82 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD