

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091624AR\
 Data File : FD048317.D
 Signal(s) : FID2B.ch
 Acq On : 16 Sep 2024 10:21
 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: Sep 17 04:39:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.388	3351043	22.096 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
6) S 2-Fluorobiphenyl (SURR)	8.238	2118695	22.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.35%
11) S ortho-Terphenyl (SURR)	11.273	3835171	22.353 ug/ml
Spiked Amount 50.000		Recovery =	44.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.209	3761334	21.322 ug/ml
2) T Naphthalene (C11.7)	5.729	3953819	21.864 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	3893248	21.761 ug/ml
5) T Acenaphthylene (C15.06)	8.041	3847683	22.023 ug/ml
7) T Acenaphthene (C15.5)	8.335	3922619	22.055 ug/ml
8) T Fluorene (C16.55)	9.114	3756681	22.435 ug/ml
9) T Phenanthrene (C19.36)	10.500	3637055	22.528 ug/ml
10) T Anthracene (C19.43)	10.576	3285314	20.646 ug/ml
12) T Fluoranthene (C21.85)	12.303	3654682	22.544 ug/ml
13) T Pyrene (C20.8)	12.596	3614759	22.545 ug/ml
14) T Benzo[a]anthracene (C...	14.464	3160710	22.564 ug/ml
15) T Chrysene (C27.41)	14.505	3648754	22.152 ug/ml
16) T benzo[b]fluoranthene ...	16.009	3358191	22.602 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	3467577	22.514 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	3309278	22.367 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	2333868	20.655 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	3314985	21.722 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	3183483	21.597 ug/ml

(f)=RT Delta > 1/2 Window

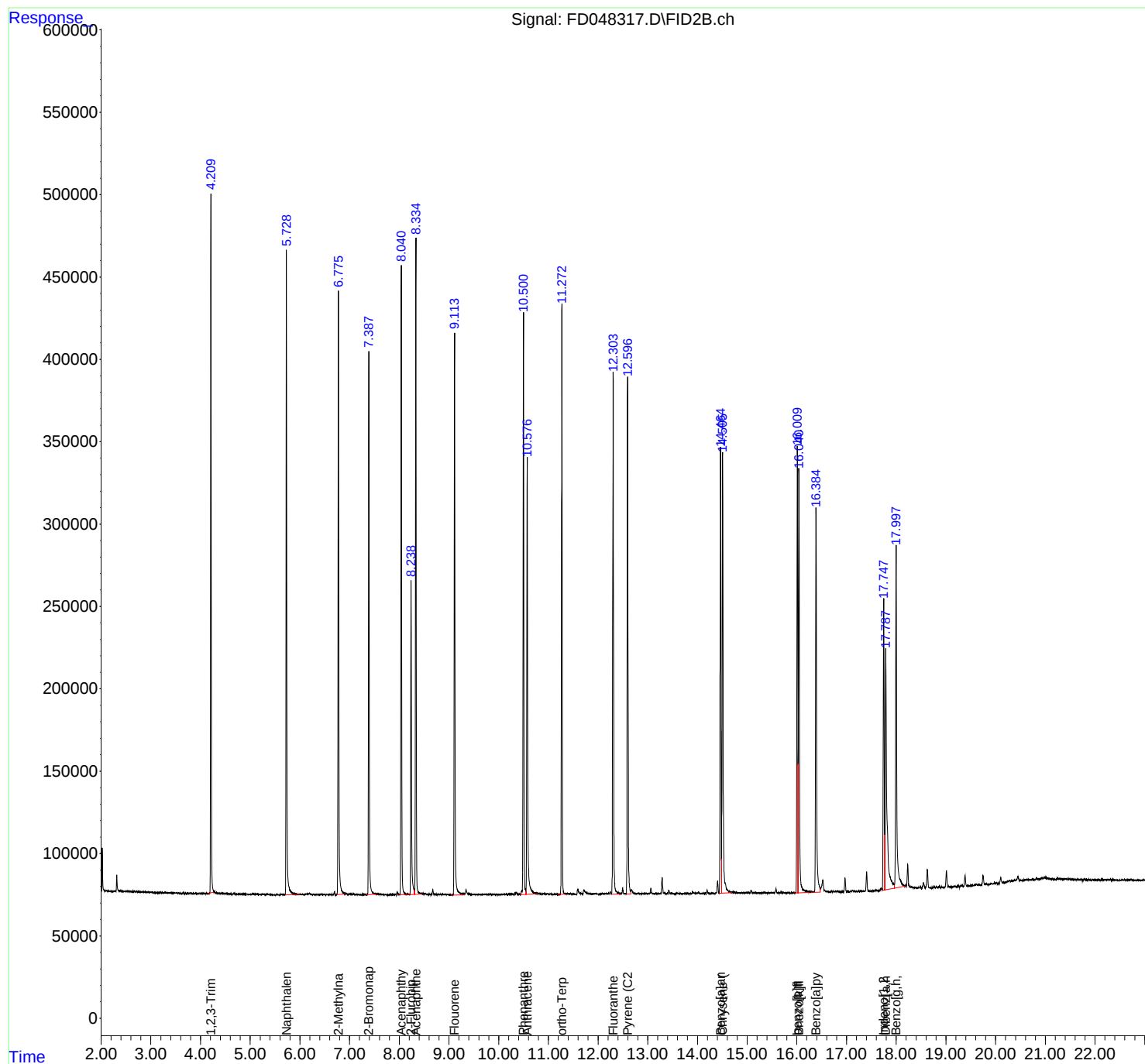
(m)=manual int.

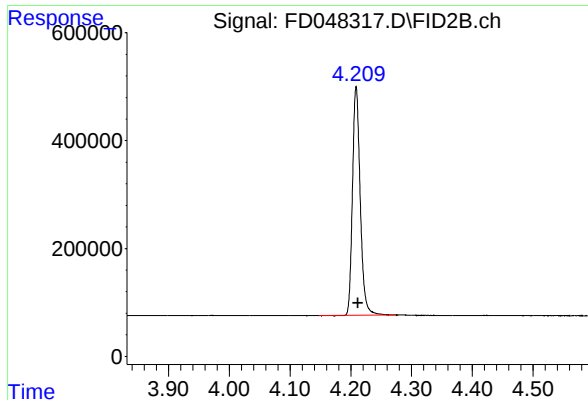
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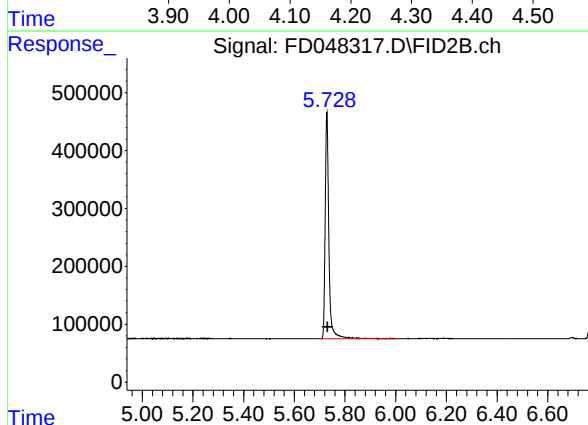




#1 1,2,3-Trimethylbenzene (C10.1)

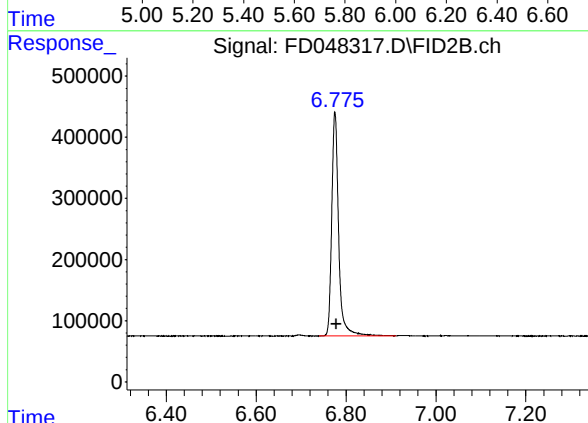
R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 3761334
Conc: 21.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



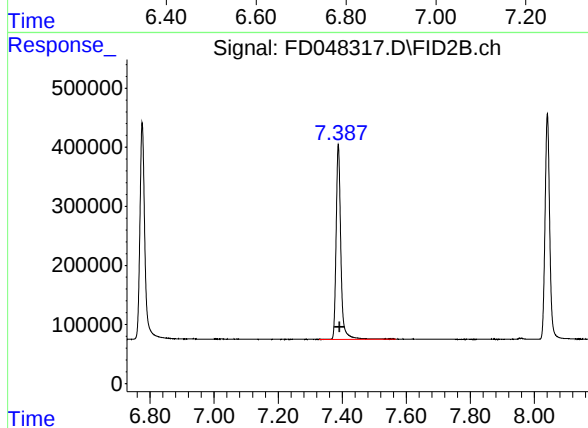
#2 Naphthalene (C11.7)

R.T.: 5.729 min
Delta R.T.: -0.004 min
Response: 3953819
Conc: 21.86 ug/ml



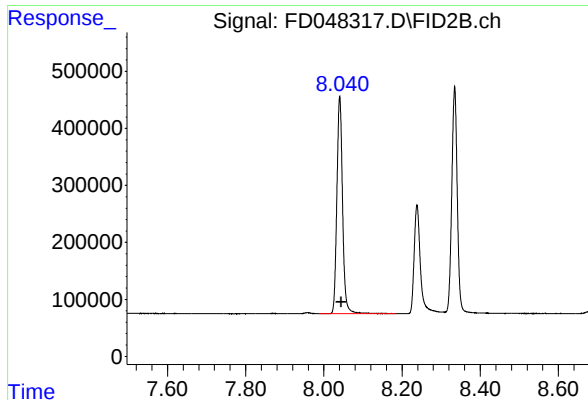
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 3893248
Conc: 21.76 ug/ml



#4 2-Bromonaphthalene (SURR)

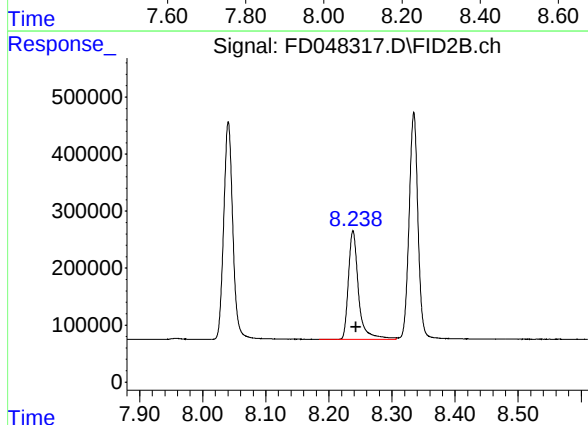
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 3351043
Conc: 22.10 ug/ml



#5 Acenaphthylene (C15.06)

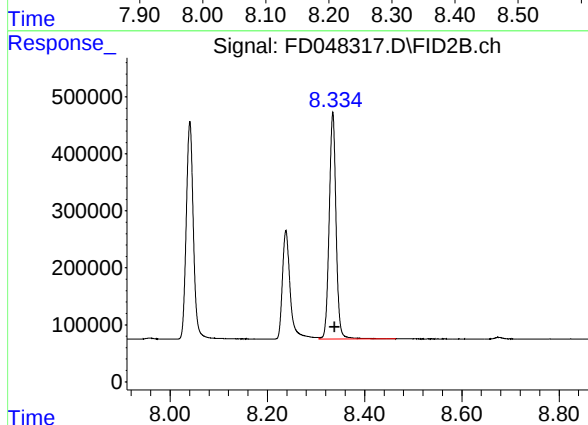
R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 3847683
Conc: 22.02 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



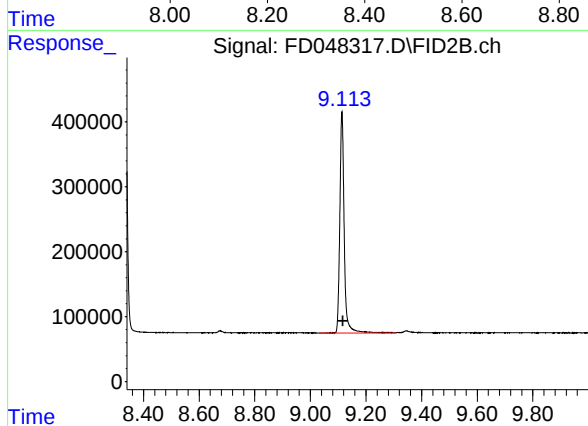
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: -0.004 min
Response: 2118695
Conc: 22.17 ug/ml



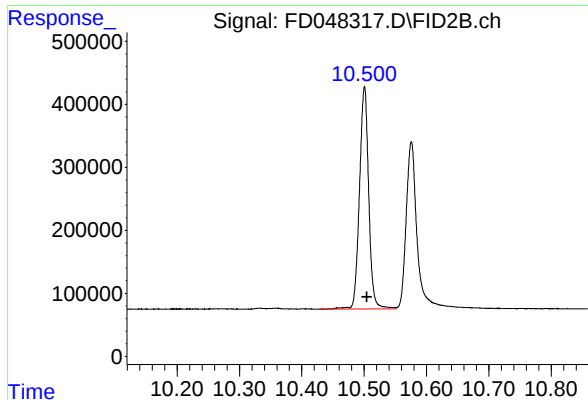
#7 Acenaphthene (C15.5)

R.T.: 8.335 min
Delta R.T.: -0.004 min
Response: 3922619
Conc: 22.06 ug/ml



#8 Flouorene (C16.55)

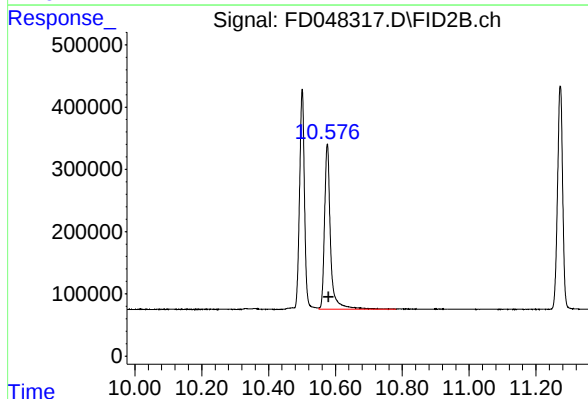
R.T.: 9.114 min
Delta R.T.: -0.004 min
Response: 3756681
Conc: 22.43 ug/ml



#9 Phenanthrene (C19.36)

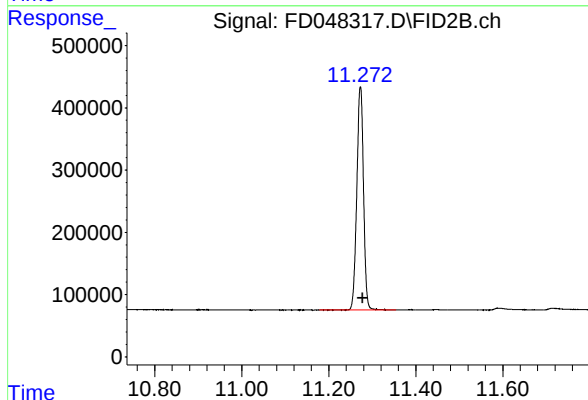
R.T.: 10.500 min
Delta R.T.: -0.004 min
Response: 3637055
Conc: 22.53 ug/ml

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20 PPM AROMATIC HC STD



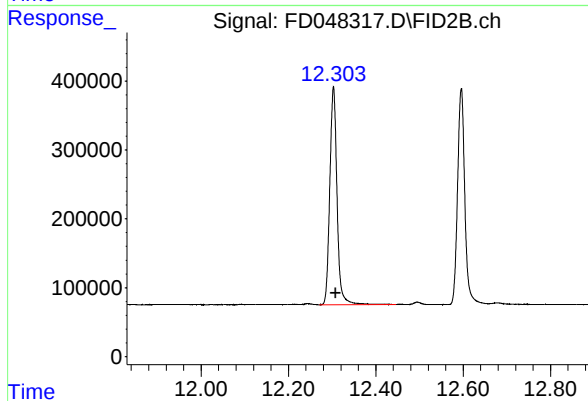
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: -0.005 min
Response: 3285314
Conc: 20.65 ug/ml



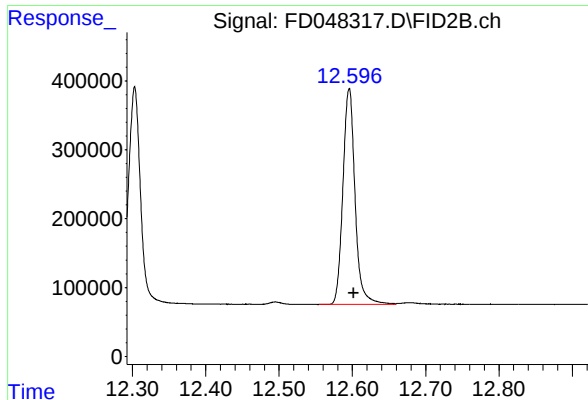
#11 ortho-Terphenyl (SURRE)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 3835171
Conc: 22.35 ug/ml



#12 Fluoranthene (C21.85)

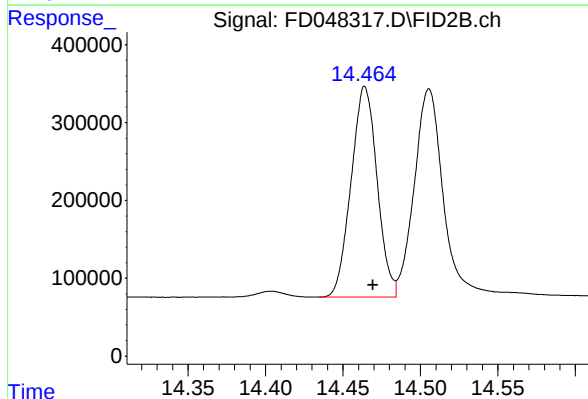
R.T.: 12.303 min
Delta R.T.: -0.005 min
Response: 3654682
Conc: 22.54 ug/ml



#13 Pyrene (C20.8)

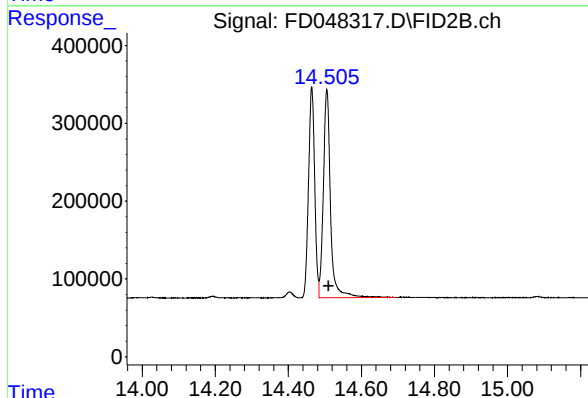
R.T.: 12.596 min
Delta R.T.: -0.006 min
Response: 3614759
Conc: 22.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



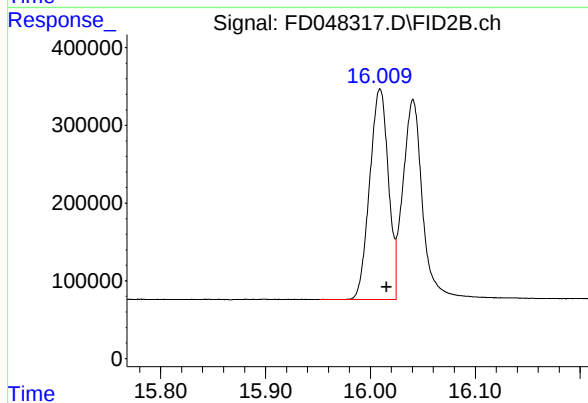
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.005 min
Response: 3160710
Conc: 22.56 ug/ml



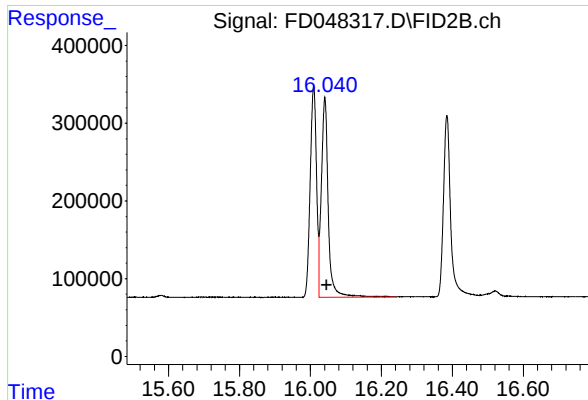
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.005 min
Response: 3648754
Conc: 22.15 ug/ml



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

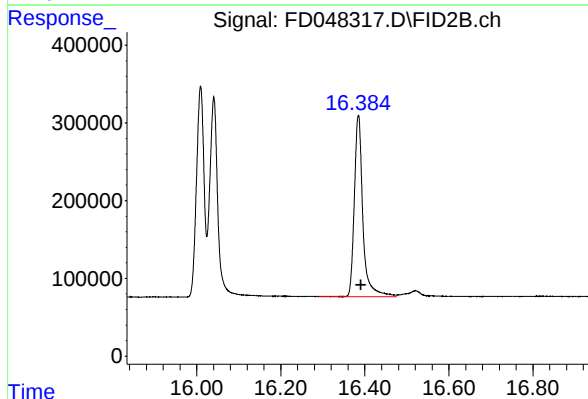
R.T.: 16.009 min
Delta R.T.: -0.006 min
Response: 3358191
Conc: 22.60 ug/ml



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

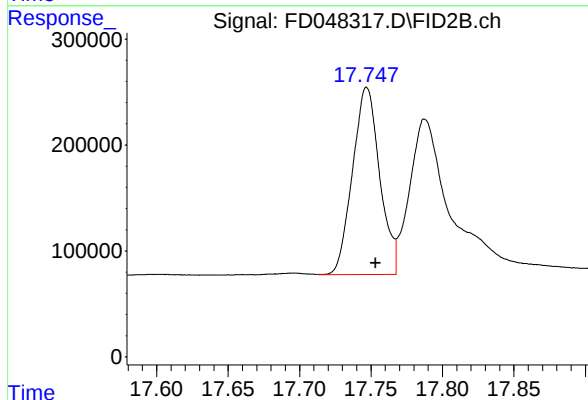
R.T.: 16.041 min
Delta R.T.: -0.006 min
Response: 3467577
Conc: 22.51 ug/ml

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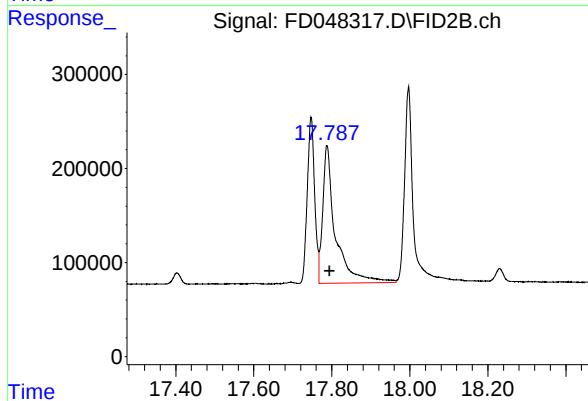
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.006 min
Response: 3309278
Conc: 22.37 ug/ml



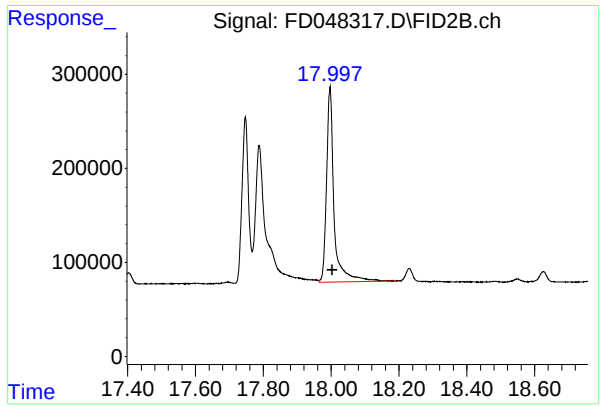
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.006 min
Response: 2333868
Conc: 20.65 ug/ml



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

R.T.: 17.788 min
Delta R.T.: -0.007 min
Response: 3314985
Conc: 21.72 ug/ml



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

R.T.: 17.997 min

Delta R.T.: -0.006 min

Response: 3183483

Conc: 21.60 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD