

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092724AR\
 Data File : FD048388.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2024 13:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 28 03:26:28 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...	7.381	2915178	19.222 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
6) S 2-Fluorobiphenyl (SURR)	8.231	1830453	19.157 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.31%
11) S ortho-Terphenyl (SURR)	11.266	3341270	19.475 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	3401291	19.281 ug/ml
2) T Naphthalene (C11.7)	5.721	3426543	18.948 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	3383931	18.914 ug/ml
5) T Acenaphthylene (C15.06)	8.033	3326668	19.041 ug/ml
7) T Acenaphthene (C15.5)	8.327	3430004	19.286 ug/ml
8) T Fluorene (C16.55)	9.106	3233544	19.311 ug/ml
9) T Phenanthrene (C19.36)	10.493	3166485	19.613 ug/ml
10) T Anthracene (C19.43)	10.569	2735680	17.192 ug/ml
12) T Fluoranthene (C21.85)	12.297	3202648	19.756 ug/ml
13) T Pyrene (C20.8)	12.590	3182179	19.847 ug/ml
14) T Benzo[a]anthracene (C...	14.460	2766317	19.748 ug/ml
15) T Chrysene (C27.41)	14.501	3261745	19.802 ug/ml
16) T benzo[b]fluoranthene ...	16.005	2922470	19.670 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	2997634	19.463 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	2845901	19.235 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	1880258	16.640 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	2856236	18.716 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	2722734	18.471 ug/ml

(f)=RT Delta > 1/2 Window

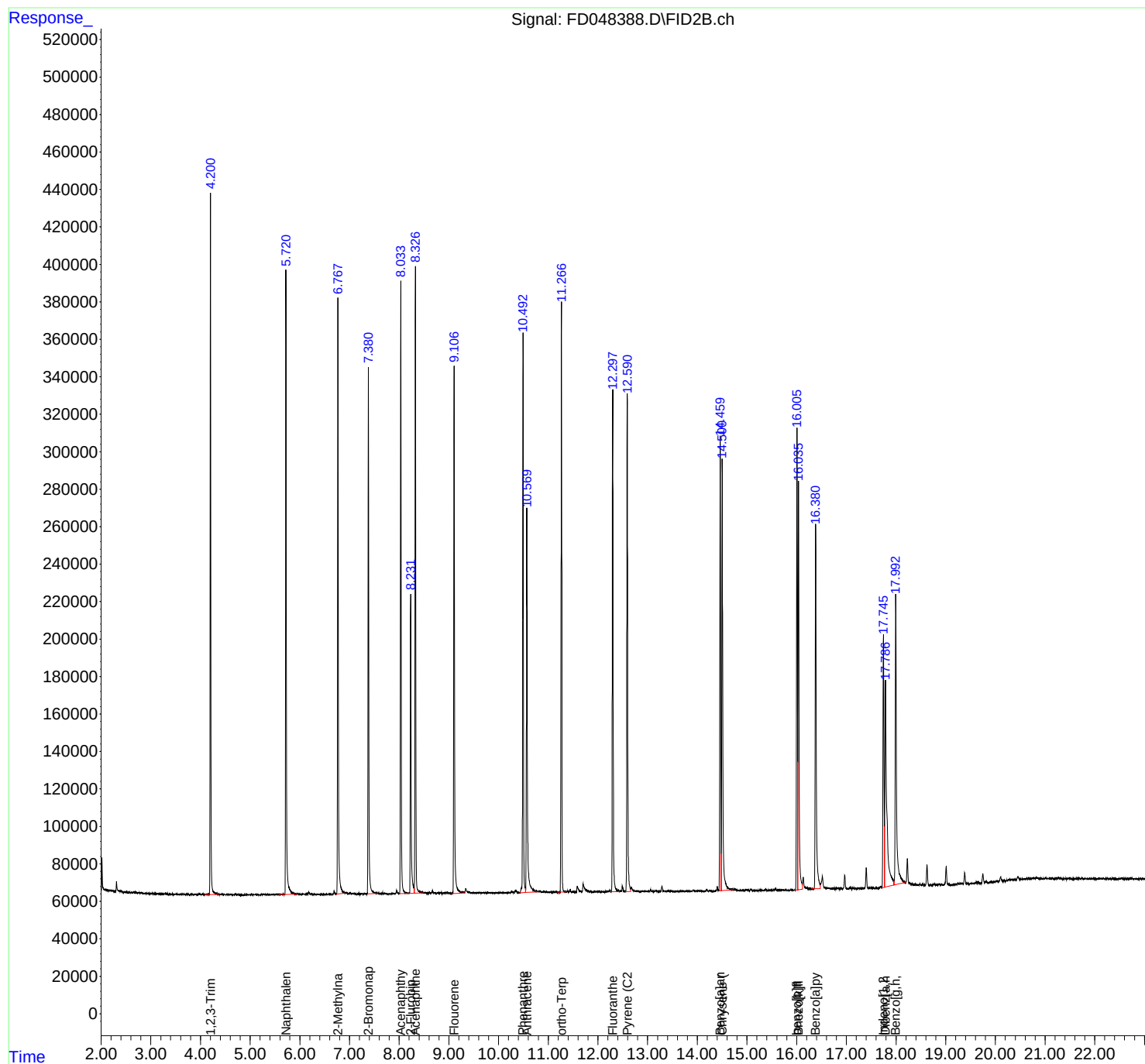
(m)=manual int.

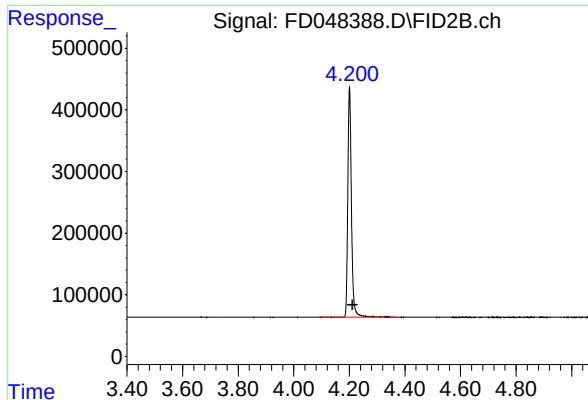
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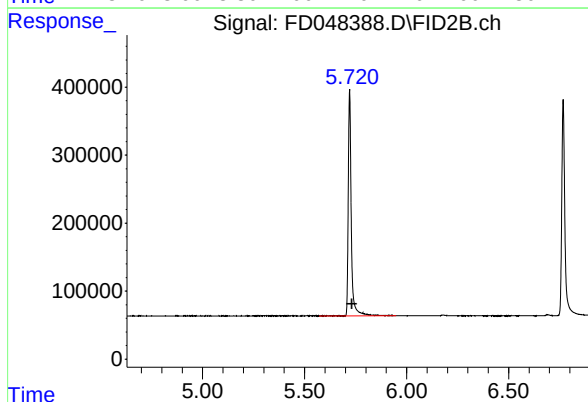




#1 1,2,3-Trimethylbenzene (C10.1)

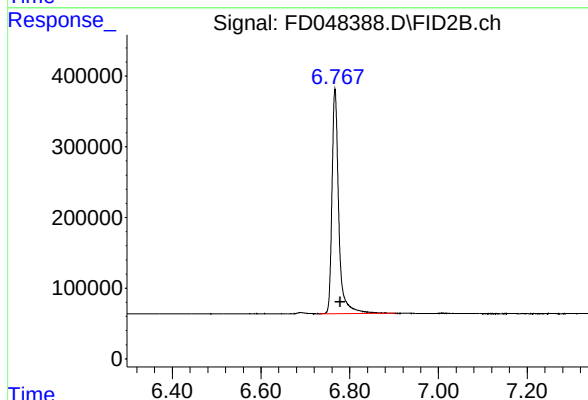
R.T.: 4.201 min
Delta R.T.: -0.011 min
Response: 3401291
Conc: 19.28 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



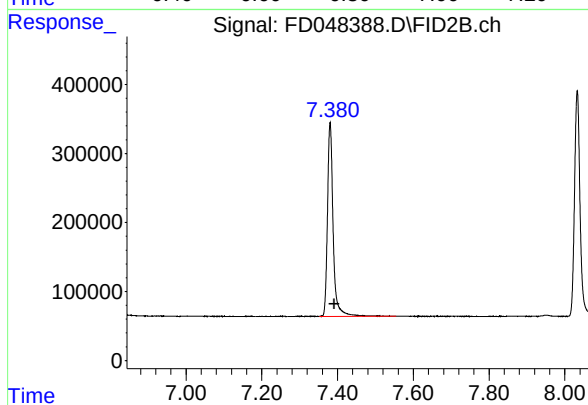
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.012 min
Response: 3426543
Conc: 18.95 ug/ml



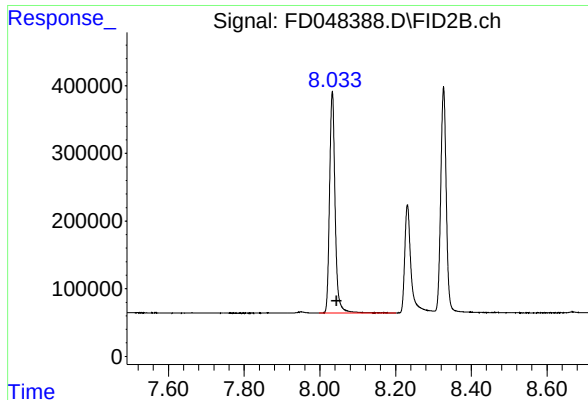
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.012 min
Response: 3383931
Conc: 18.91 ug/ml



#4 2-Bromonaphthalene (SURR)

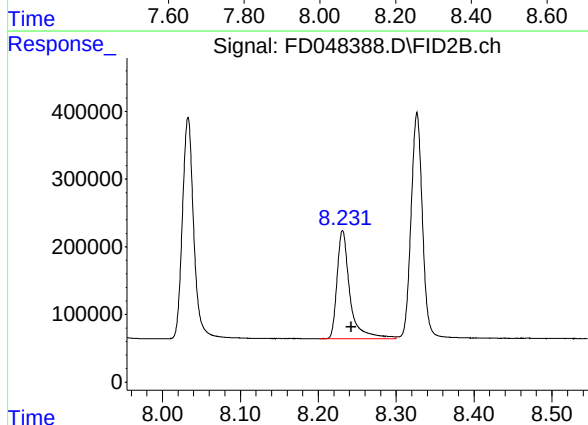
R.T.: 7.381 min
Delta R.T.: -0.011 min
Response: 2915178
Conc: 19.22 ug/ml



#5 Acenaphthylene (C15.06)

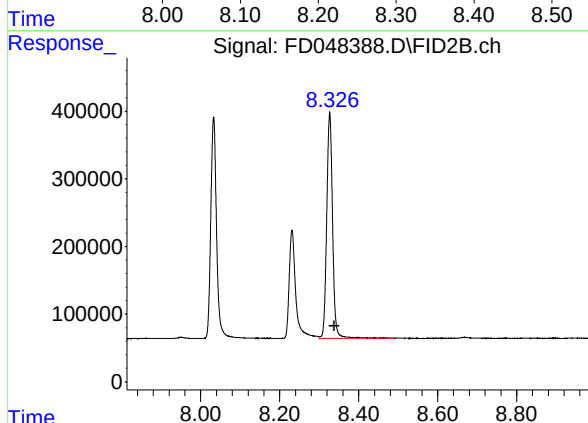
R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 3326668
Conc: 19.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



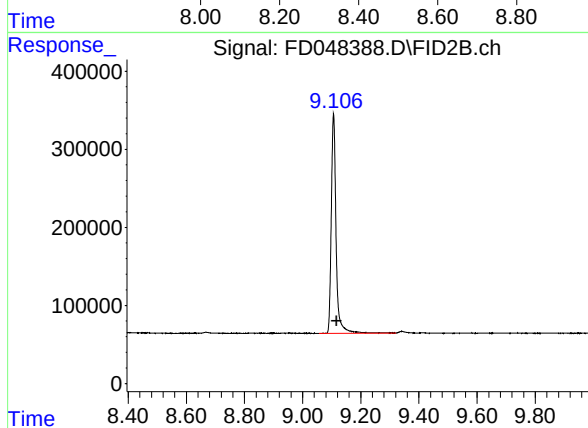
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.011 min
Response: 1830453
Conc: 19.16 ug/ml



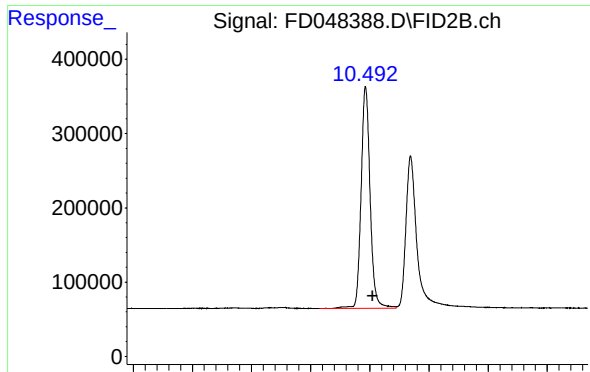
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: -0.012 min
Response: 3430004
Conc: 19.29 ug/ml



#8 Flouorene (C16.55)

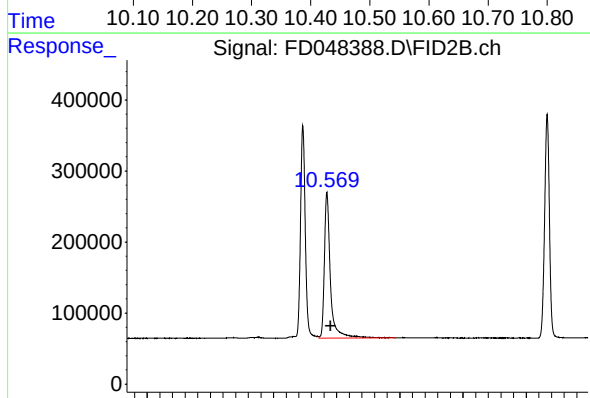
R.T.: 9.106 min
Delta R.T.: -0.011 min
Response: 3233544
Conc: 19.31 ug/ml



#9 Phenanthrene (C19.36)

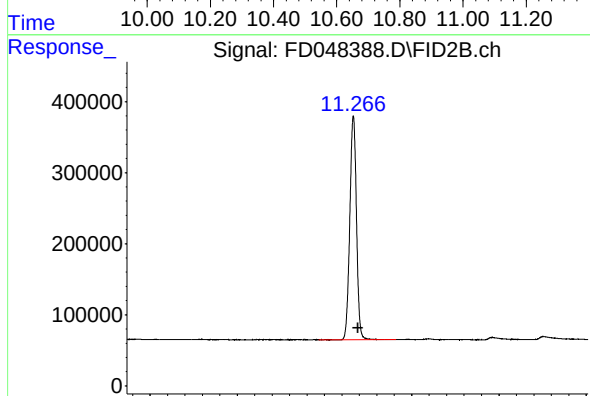
R.T.: 10.493 min
Delta R.T.: -0.012 min
Response: 3166485
Conc: 19.61 ug/ml

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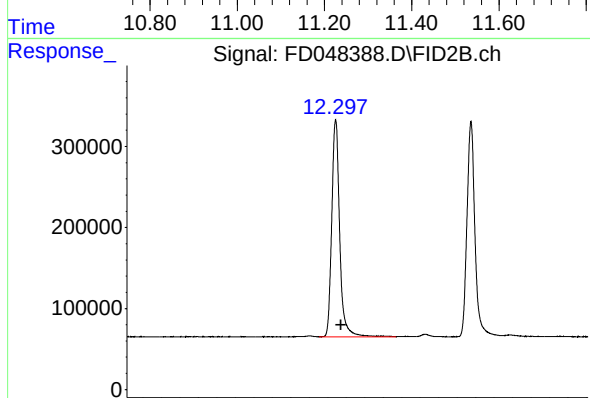
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.011 min
Response: 2735680
Conc: 17.19 ug/ml



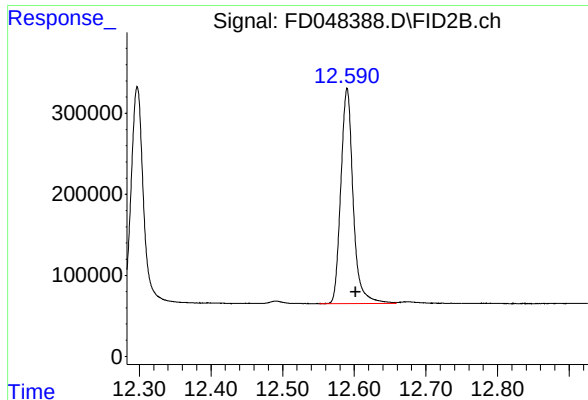
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: -0.011 min
Response: 3341270
Conc: 19.47 ug/ml



#12 Fluoranthene (C21.85)

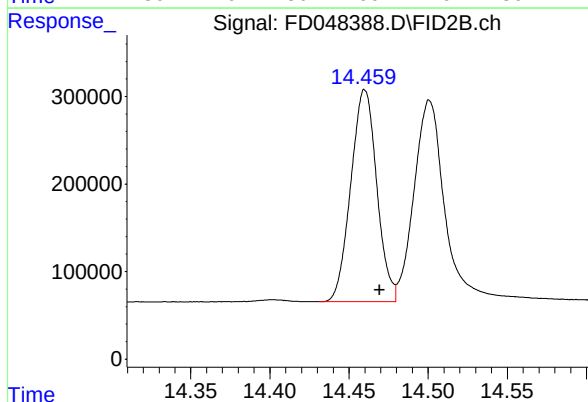
R.T.: 12.297 min
Delta R.T.: -0.011 min
Response: 3202648
Conc: 19.76 ug/ml



#13 Pyrene (C20.8)

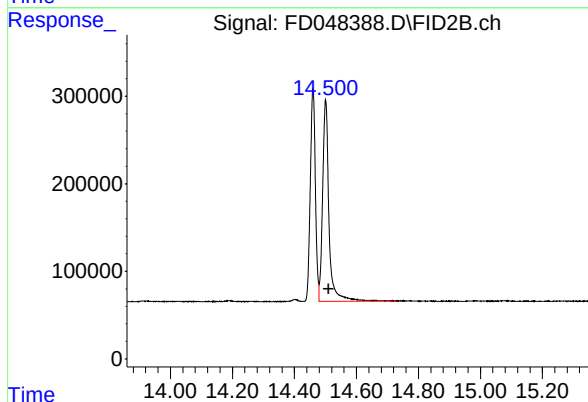
R.T.: 12.590 min
Delta R.T.: -0.012 min
Response: 3182179
Conc: 19.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



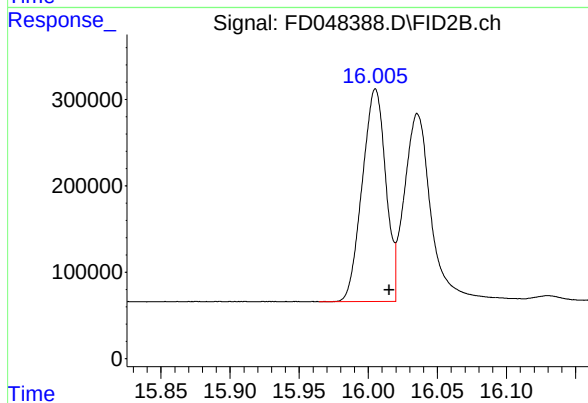
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: -0.009 min
Response: 2766317
Conc: 19.75 ug/ml



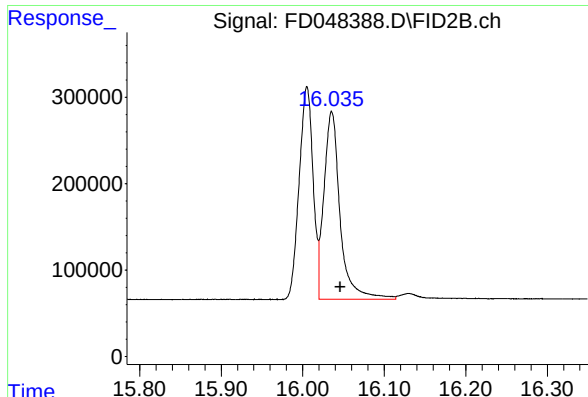
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: -0.010 min
Response: 3261745
Conc: 19.80 ug/ml



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

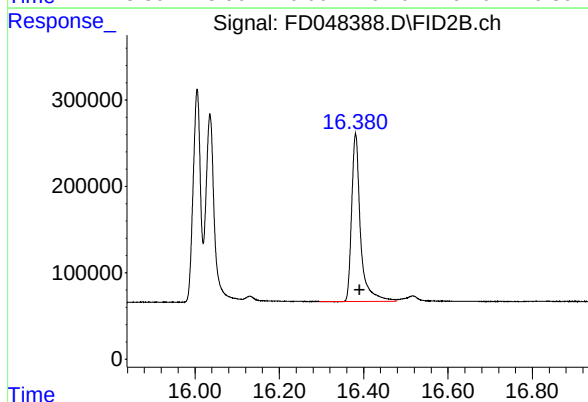
R.T.: 16.005 min
Delta R.T.: -0.010 min
Response: 2922470
Conc: 19.67 ug/ml



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

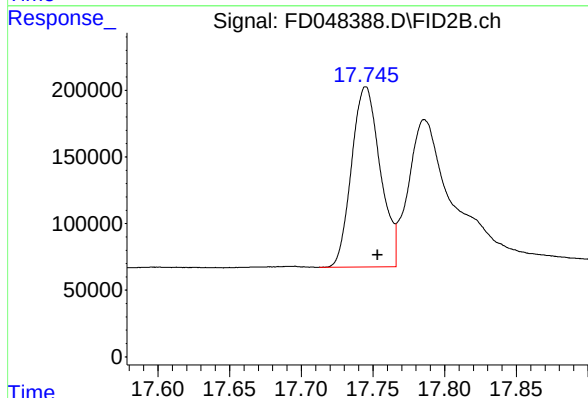
R.T.: 16.036 min
Delta R.T.: -0.011 min
Response: 2997634
Conc: 19.46 ug/ml

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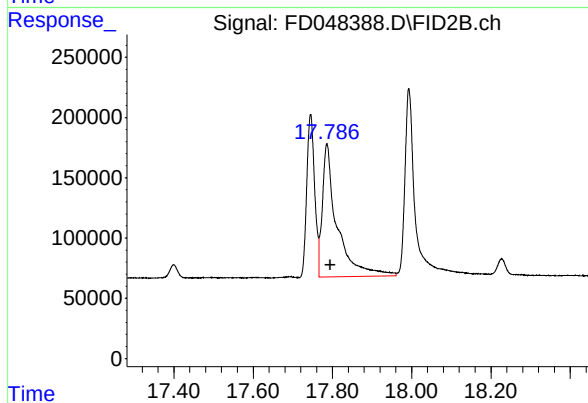
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.010 min
Response: 2845901
Conc: 19.24 ug/ml



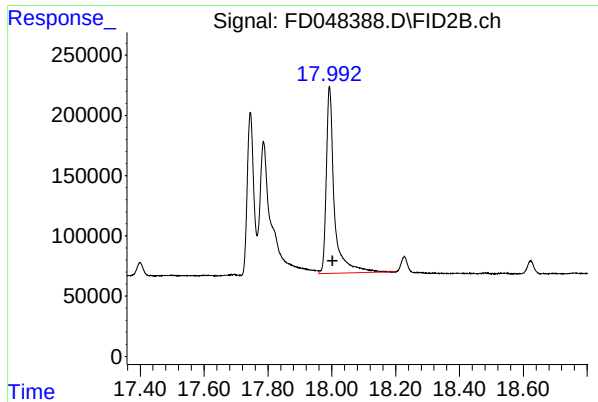
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.008 min
Response: 1880258
Conc: 16.64 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 2856236
Conc: 18.72 ug/ml



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

R.T.: 17.993 min
Delta R.T.: -0.010 min
Response: 2722734
Conc: 18.47 ug/ml

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