

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011121AR\
 Data File : FD035987.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 5:54
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 06:28:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 05:46:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.619	500714	4.151 ug/ml
Spiked Amount 50.000		Recovery =	8.30%
6) S 2-Fluorobiphenyl (SURR)	8.479	342237	4.021 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.04%
11) S ortho-Terphenyl (SURR)	11.523	636498	4.576 ug/ml
Spiked Amount 50.000		Recovery =	9.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	579556	4.523 ug/ml
2) T Naphthalene (C11.7)	5.956	619717	4.450 ug/ml
3) T 2-Methylnaphthalene (...)	7.007	600282	4.285 ug/ml
5) T Acenaphthylene (C15.06)	8.283	555969	4.111 ug/ml
7) T Acenaphthene (C15.5)	8.578	585303	4.216 ug/ml
8) T Fluorene (C16.55)	9.357	559901	4.094 ug/ml
9) T Phenanthrene (C19.36)	10.752	587315	4.276 ug/ml
10) T Anthracene (C19.43)	10.826	574757	4.221 ug/ml
12) T Fluoranthene (C21.85)	12.561	610040	4.474 ug/ml
13) T Pyrene (C20.8)	12.858	602400	4.494 ug/ml
14) T Benzo[a]anthracene (C...	14.725	549499	4.458 ug/ml
15) T Chrysene (C27.41)	14.767	585302	4.637 ug/ml
16) T benzo[b]fluoranthene ...	16.271	529238	4.522 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	525849	4.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	487405	4.603 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	484276	4.585 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	516299	4.860 ug/ml
21) T Benzo[g,h,i]perylene ...	18.260	498062	4.766 ug/ml

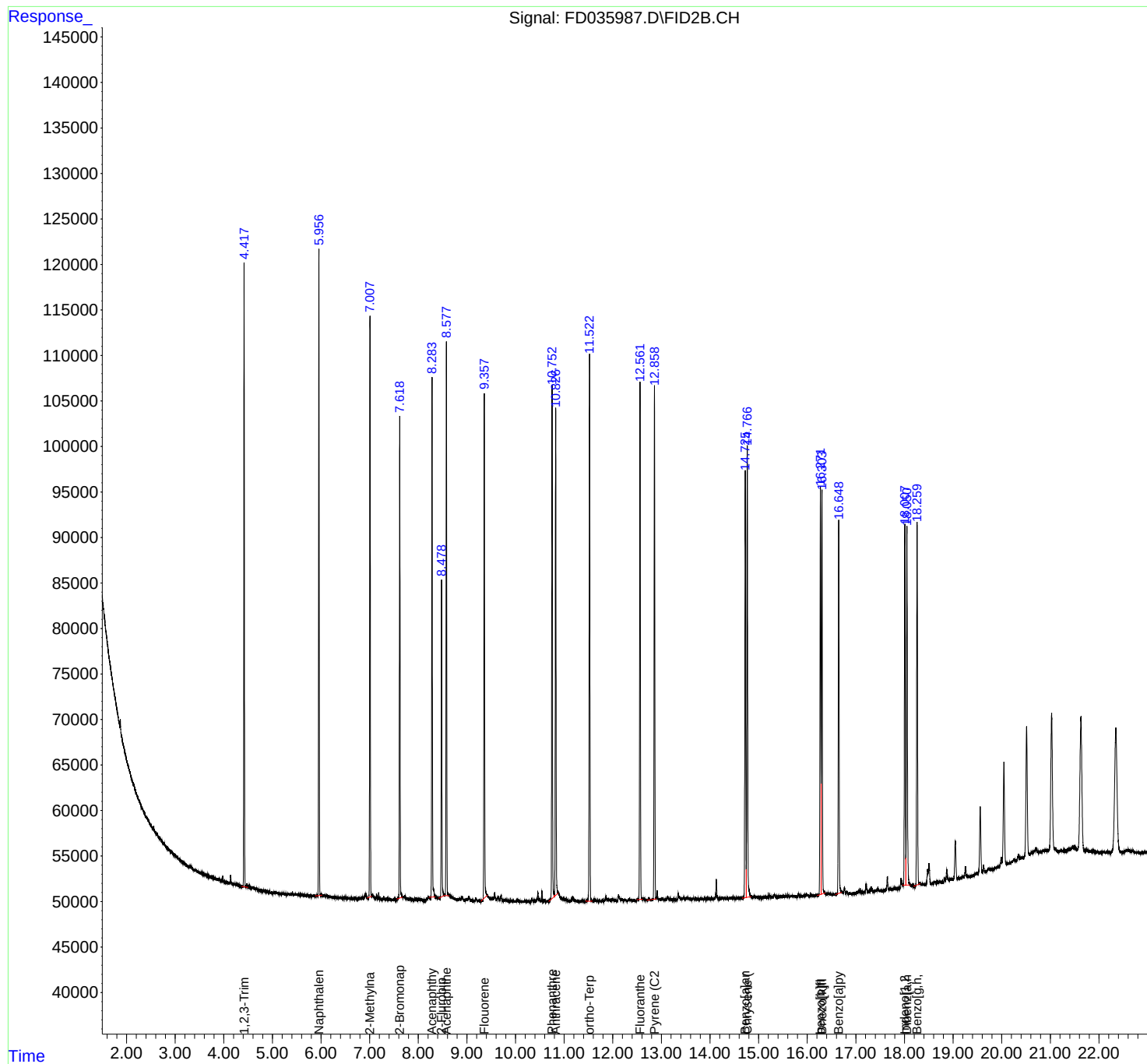
(f)=RT Delta > 1/2 Window

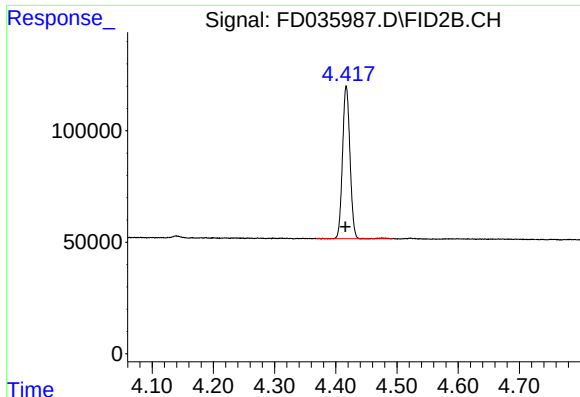
(m)=manual int.

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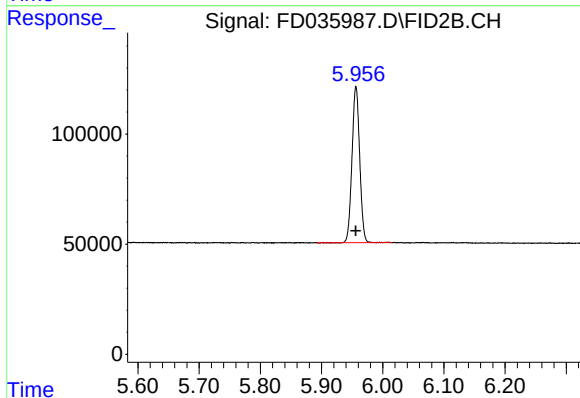
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Signal Info : 20M x 0.18mm x 0.18µm





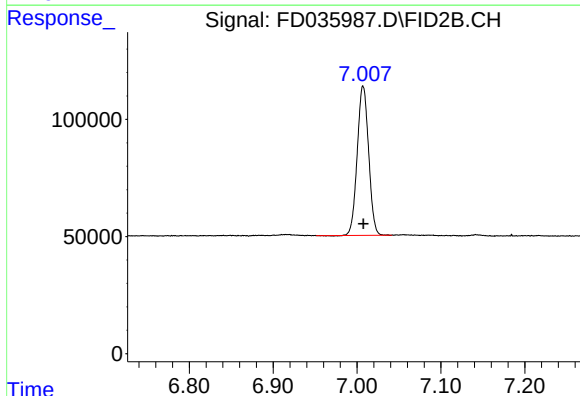
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: 0.001 min
Response: 579556
Conc: 4.52 ug/ml



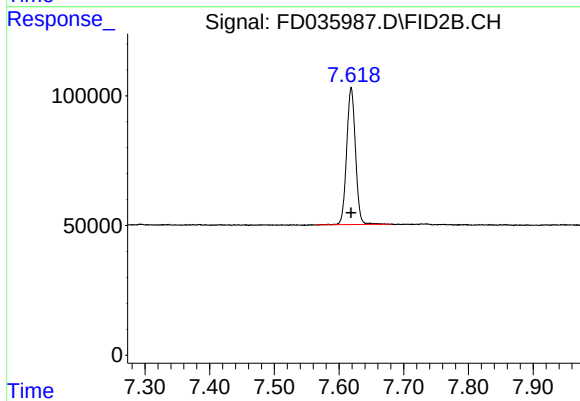
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 619717
Conc: 4.45 ug/ml



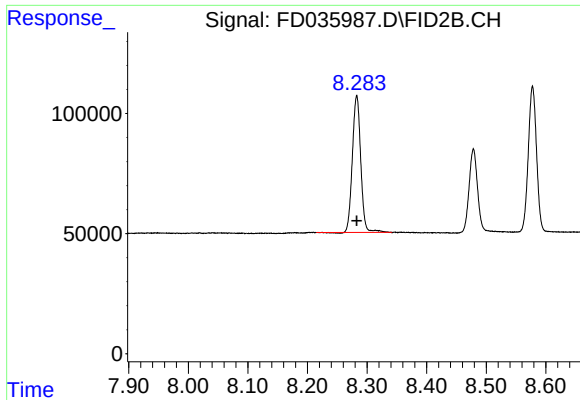
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 600282
Conc: 4.29 ug/ml



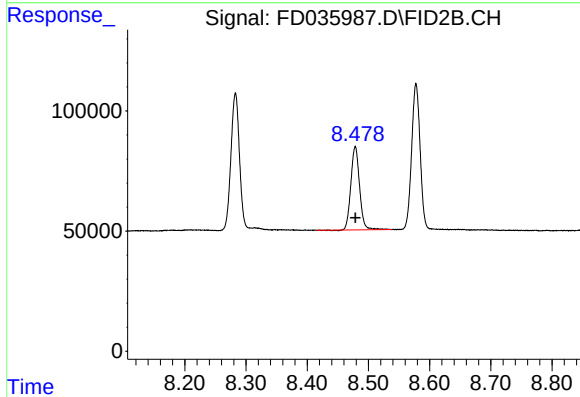
#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 500714
Conc: 4.15 ug/ml



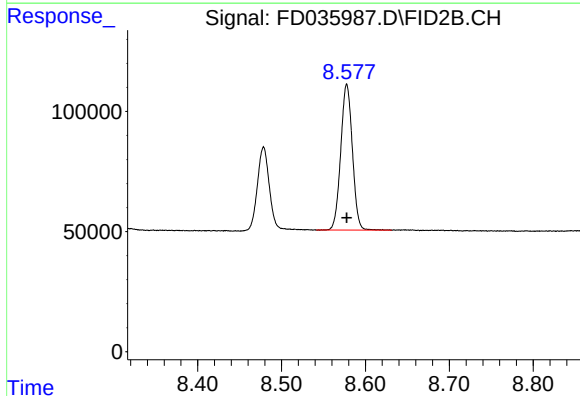
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 555969
Conc: 4.11 ug/ml



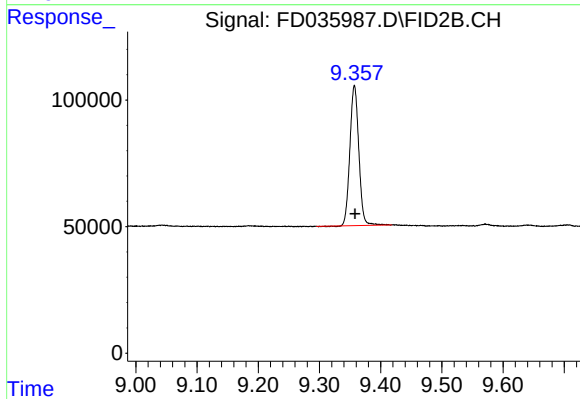
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 342237
Conc: 4.02 ug/ml



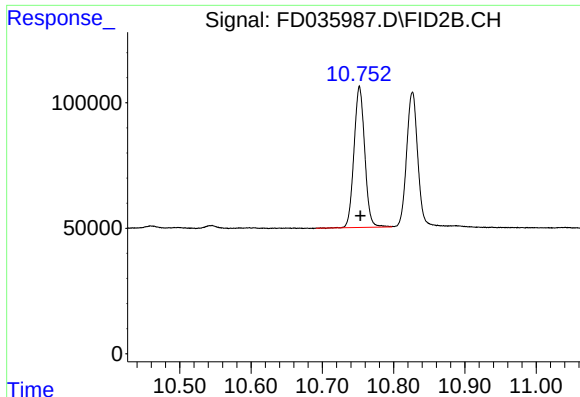
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 585303
Conc: 4.22 ug/ml



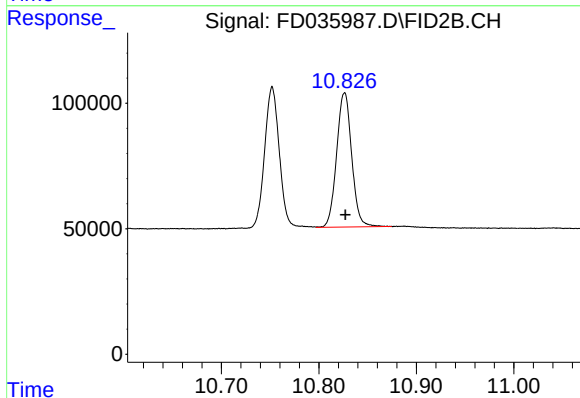
#8 Flouorene (C16.55)

R.T.: 9.357 min
Delta R.T.: 0.000 min
Response: 559901
Conc: 4.09 ug/ml



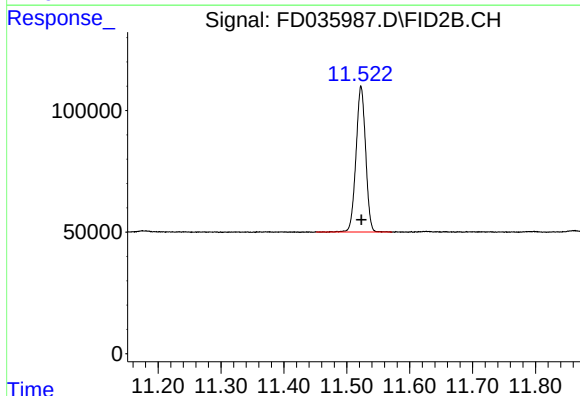
#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.001 min
Response: 587315
Conc: 4.28 ug/ml



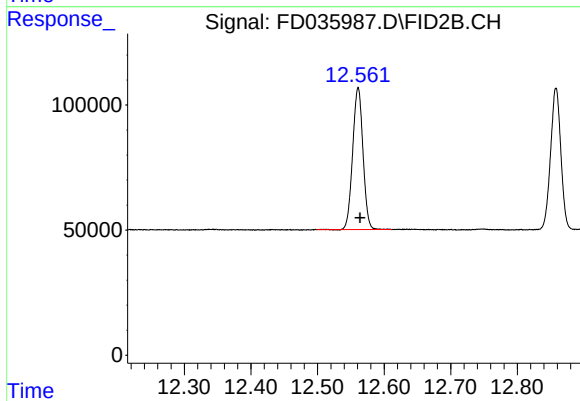
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.001 min
Response: 574757
Conc: 4.22 ug/ml



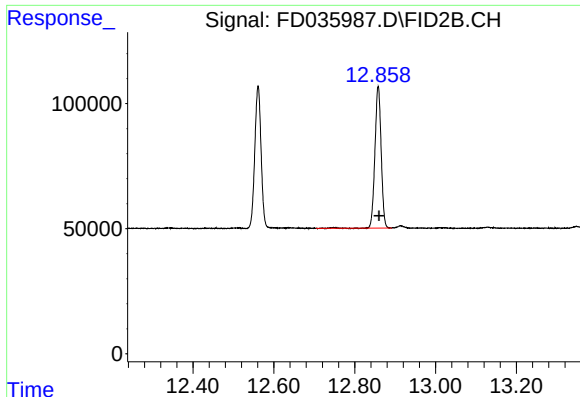
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 636498
Conc: 4.58 ug/ml



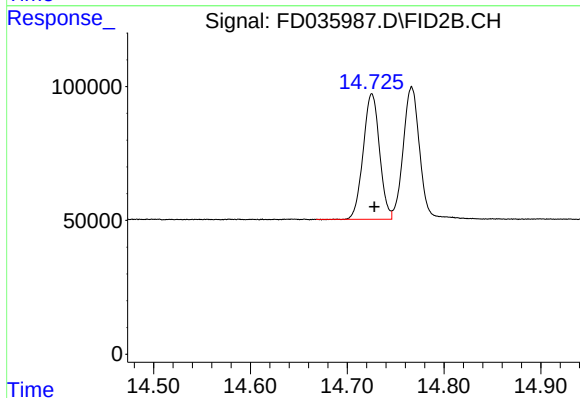
#12 Fluoranthene (C21.85)

R.T.: 12.561 min
Delta R.T.: -0.003 min
Response: 610040
Conc: 4.47 ug/ml



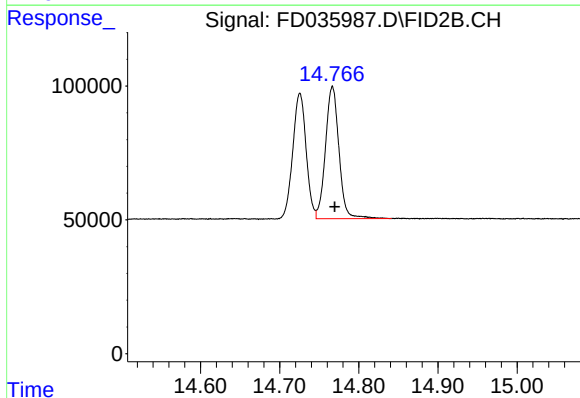
#13 Pyrene (C20.8)

R.T.: 12.858 min
Delta R.T.: -0.002 min
Response: 602400
Conc: 4.49 ug/ml



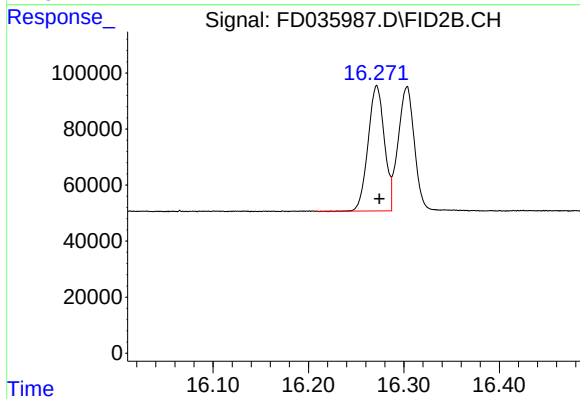
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.725 min
Delta R.T.: -0.003 min
Response: 549499
Conc: 4.46 ug/ml



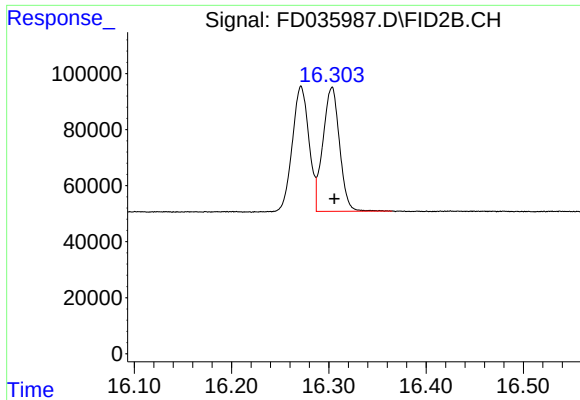
#15 Chrysene (C27.41)

R.T.: 14.767 min
Delta R.T.: -0.003 min
Response: 585302
Conc: 4.64 ug/ml



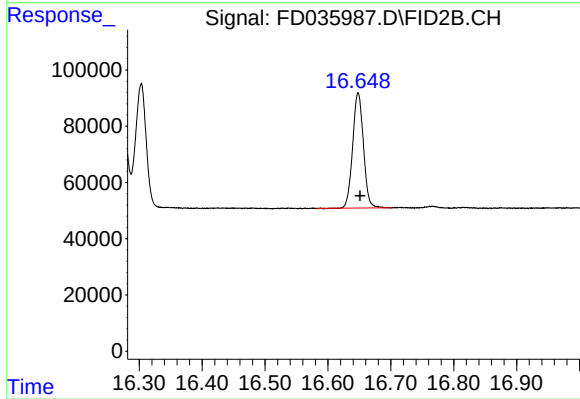
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.271 min
Delta R.T.: -0.003 min
Response: 529238
Conc: 4.52 ug/ml



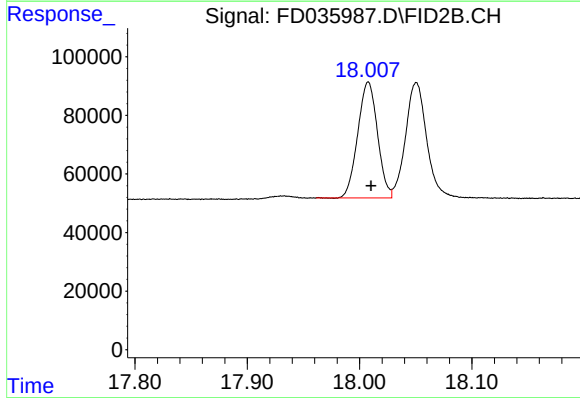
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.303 min
Delta R.T.: -0.003 min
Response: 525849
Conc: 4.62 ug/ml



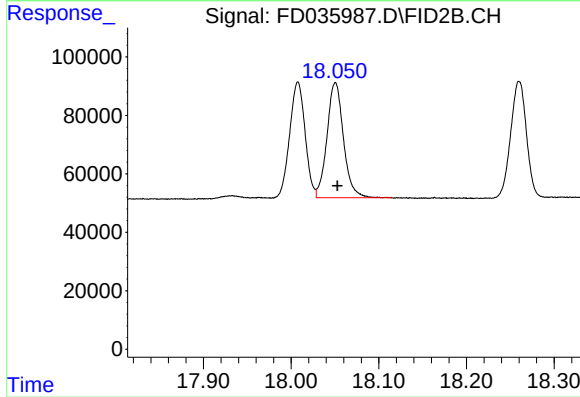
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: -0.003 min
Response: 487405
Conc: 4.60 ug/ml



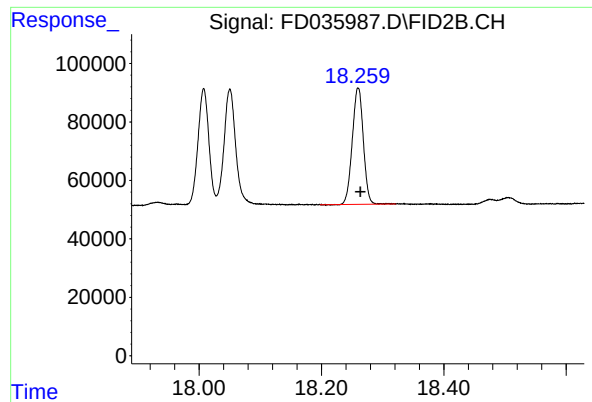
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: -0.003 min
Response: 484276
Conc: 4.59 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.003 min
Response: 516299
Conc: 4.86 ug/ml



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

R.T.: 18.260 min
Delta R.T.: -0.004 min
Response: 498062
Conc: 4.77 ug/ml