

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AR\
 Data File : FD041025.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2022 3:41
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 04:34:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 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...	7.354	441969	20.908 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
6) S 2-Fluorobiphenyl (SURR)	8.202	271158	21.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.33%
11) S ortho-Terphenyl (SURR)	11.231	566348	19.517 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	509217	20.066 ug/ml
2) T Naphthalene (C11.7)	5.696	487978	21.013 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	490699	20.754 ug/ml
5) T Acenaphthylene (C15.06)	8.002	529054	19.715 ug/ml
7) T Acenaphthene (C15.5)	8.295	591292	19.628 ug/ml
8) T Fluorene (C16.55)	9.073	509907	20.493 ug/ml
9) T Phenanthrene (C19.36)	10.458	501230	20.342 ug/ml
10) T Anthracene (C19.43)	10.533	447371	17.149 ug/ml
12) T Fluoranthene (C21.85)	12.257	539918	20.268 ug/ml
13) T Pyrene (C20.8)	12.549	545041	20.147 ug/ml
14) T Benzo[a]anthracene (C...	14.415	469414	21.071 ug/ml
15) T Chrysene (C27.41)	14.456	607398	19.298 ug/ml
16) T benzo[b]fluoranthene ...	15.956	525490	21.122 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	595215	19.503 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.333	528361	20.726 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.692	512844	21.729 ug/ml
20) T Dibenz[a,h]anthracene...	17.735	606393	20.465 ug/ml
21) T Benzo[g,h,i]perylene ...	17.940	535562	20.168 ug/ml

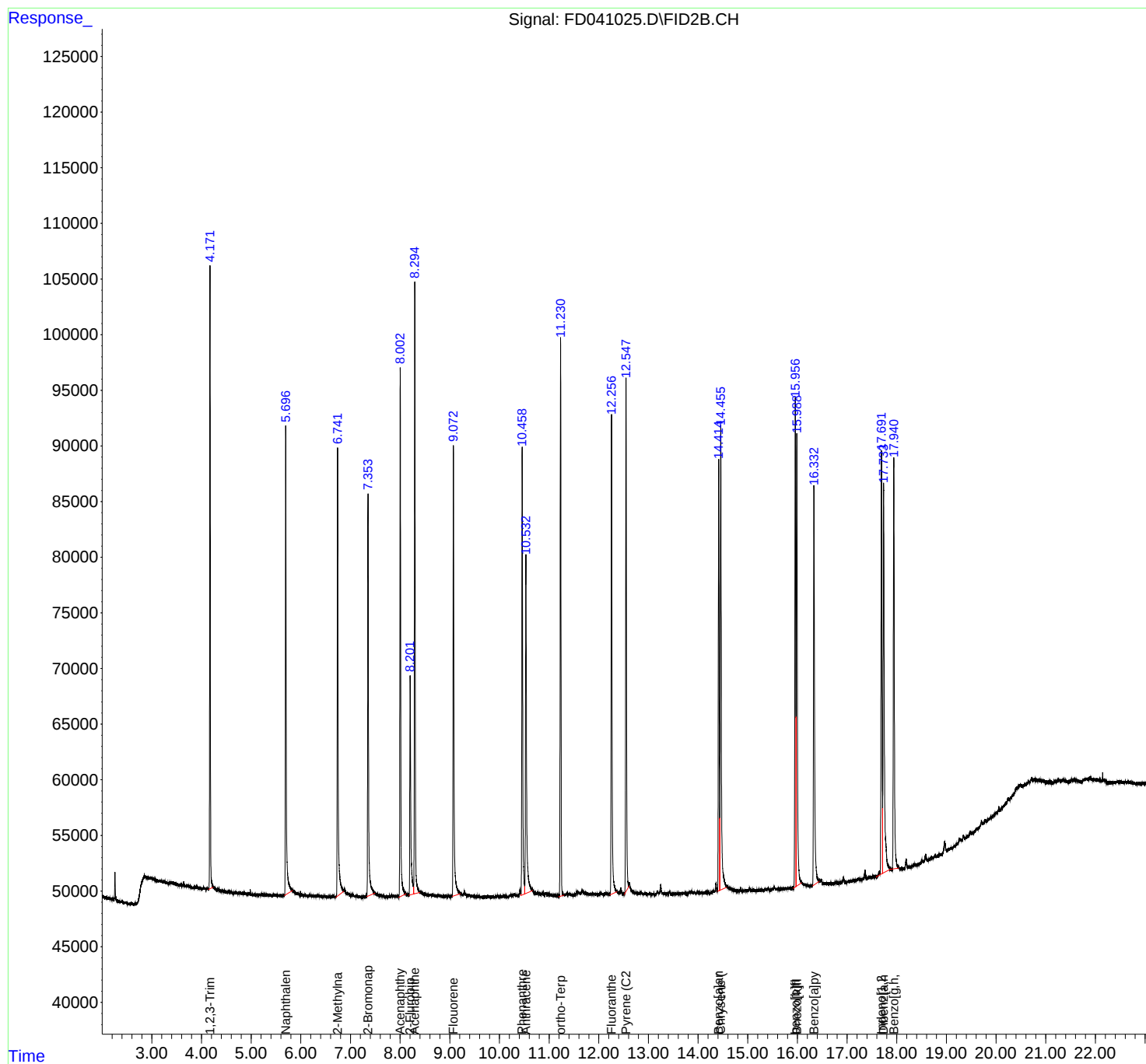
(f)=RT Delta > 1/2 Window

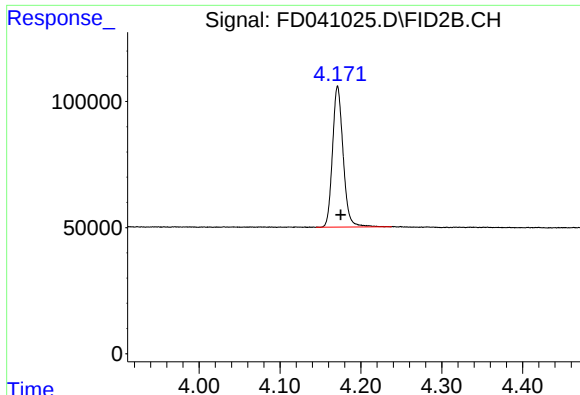
(m)=manual int.

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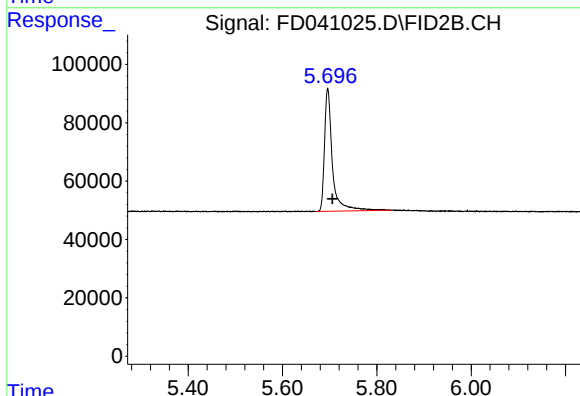
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Signal Info : 20M x 0.18mm x 0.18µm





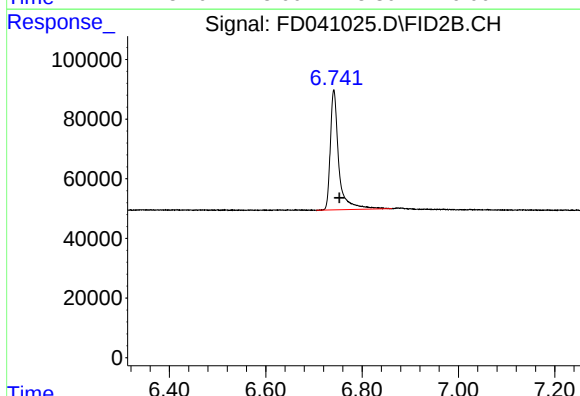
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 509217
Conc: 20.07 ug/ml



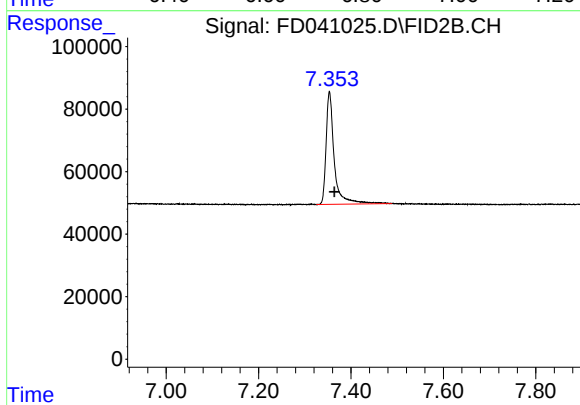
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.010 min
Response: 487978
Conc: 21.01 ug/ml



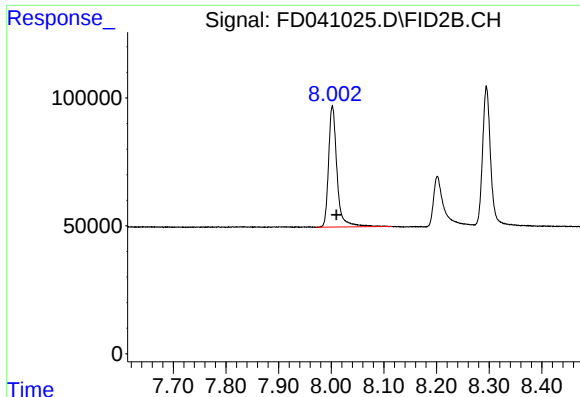
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 490699
Conc: 20.75 ug/ml



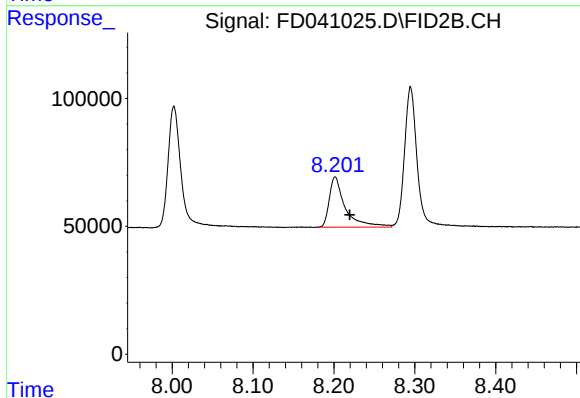
#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: -0.010 min
Response: 441969
Conc: 20.91 ug/ml



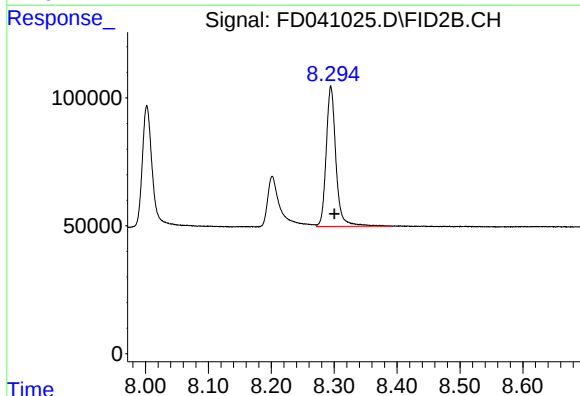
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min
Delta R.T.: -0.007 min
Response: 529054
Conc: 19.72 ug/ml



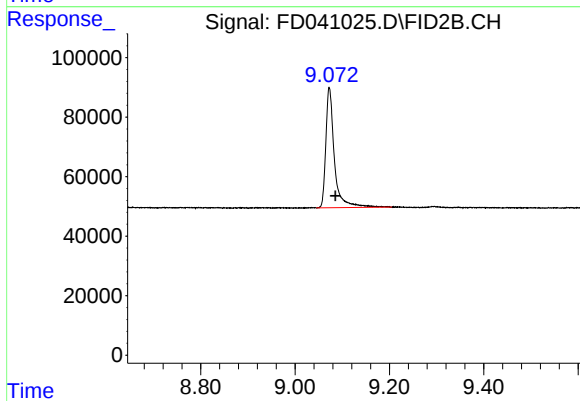
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.018 min
Response: 271158
Conc: 21.16 ug/ml



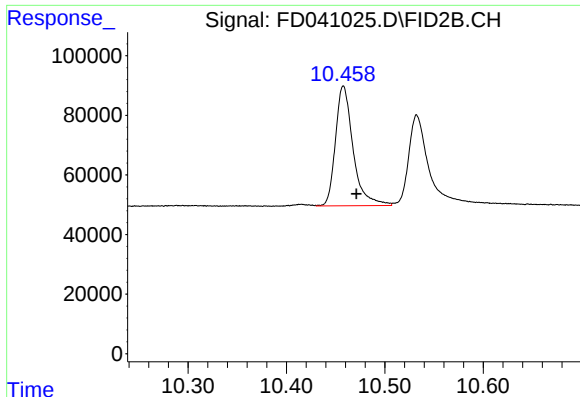
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.005 min
Response: 591292
Conc: 19.63 ug/ml



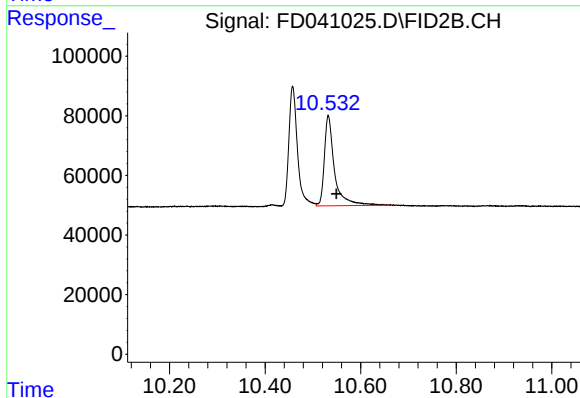
#8 Fluorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.012 min
Response: 509907
Conc: 20.49 ug/ml



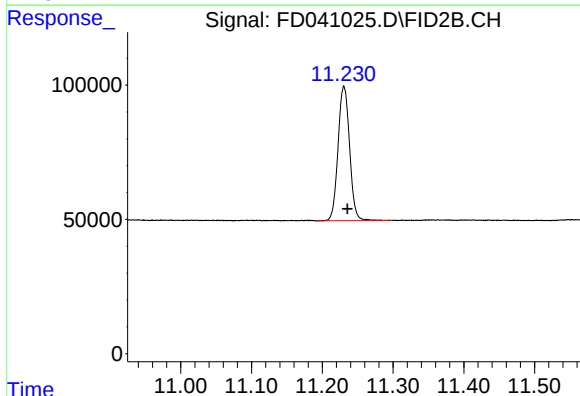
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.013 min
Response: 501230
Conc: 20.34 ug/ml



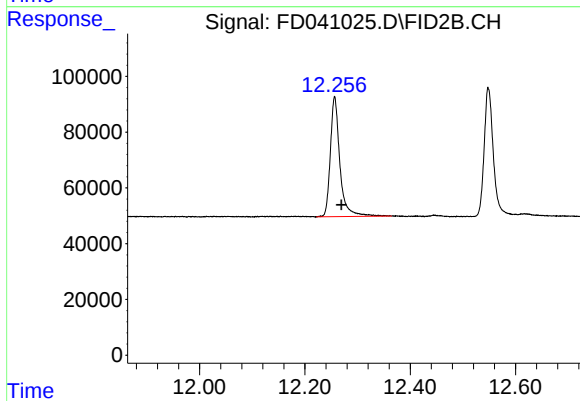
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.016 min
Response: 447371
Conc: 17.15 ug/ml



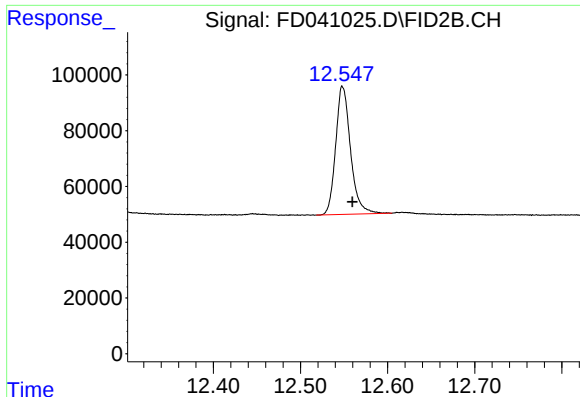
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.005 min
Response: 566348
Conc: 19.52 ug/ml



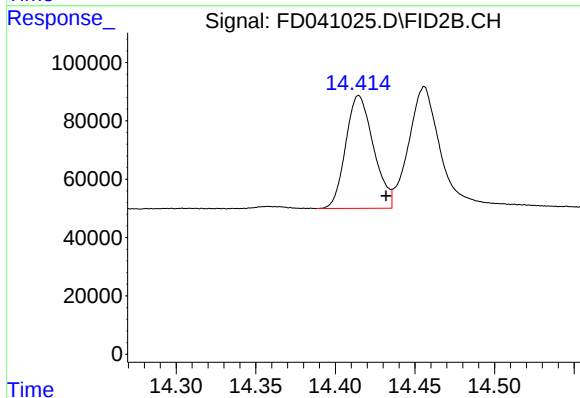
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: -0.012 min
Response: 539918
Conc: 20.27 ug/ml



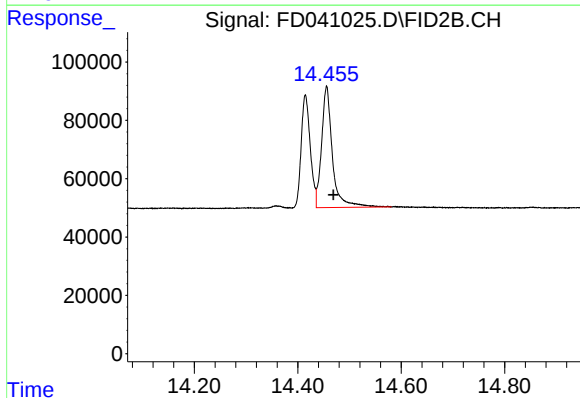
#13 Pyrene (C20.8)

R.T.: 12.549 min
Delta R.T.: -0.011 min
Response: 545041
Conc: 20.15 ug/ml



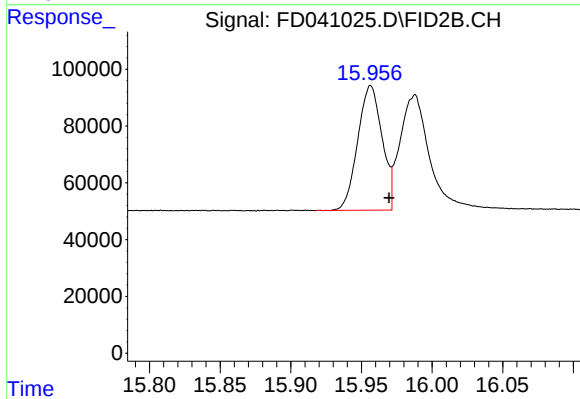
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.415 min
Delta R.T.: -0.017 min
Response: 469414
Conc: 21.07 ug/ml



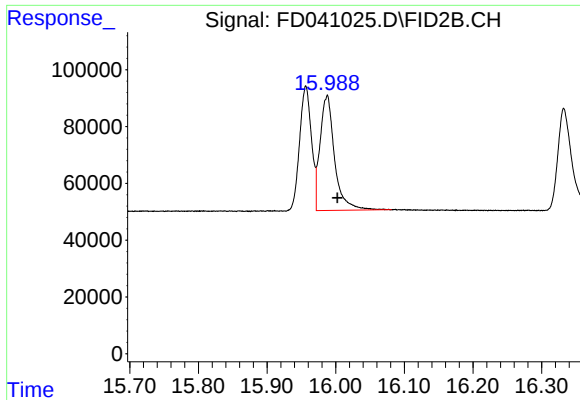
#15 Chrysene (C27.41)

R.T.: 14.456 min
Delta R.T.: -0.014 min
Response: 607398
Conc: 19.30 ug/ml



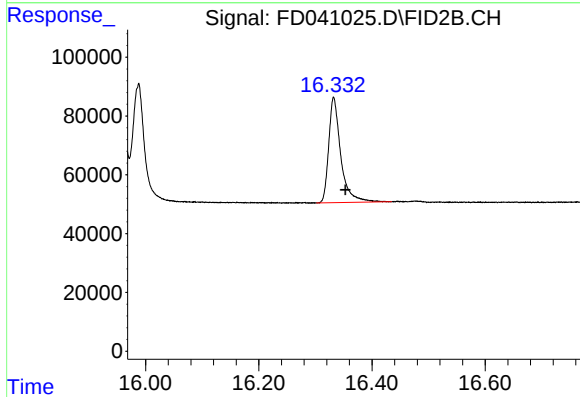
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.956 min
Delta R.T.: -0.013 min
Response: 525490
Conc: 21.12 ug/ml



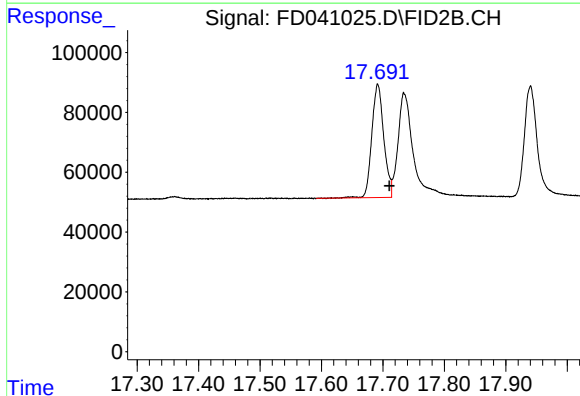
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.015 min
Response: 595215
Conc: 19.50 ug/ml



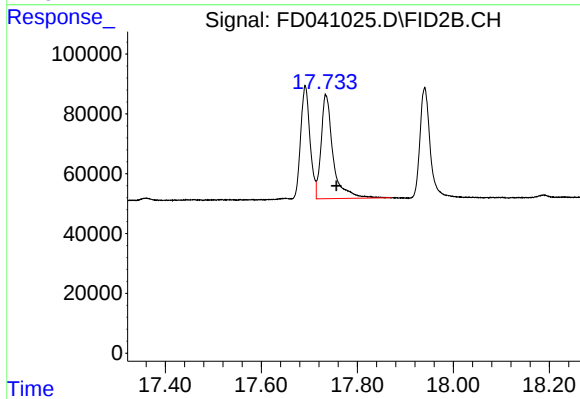
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.333 min
Delta R.T.: -0.020 min
Response: 528361
Conc: 20.73 ug/ml



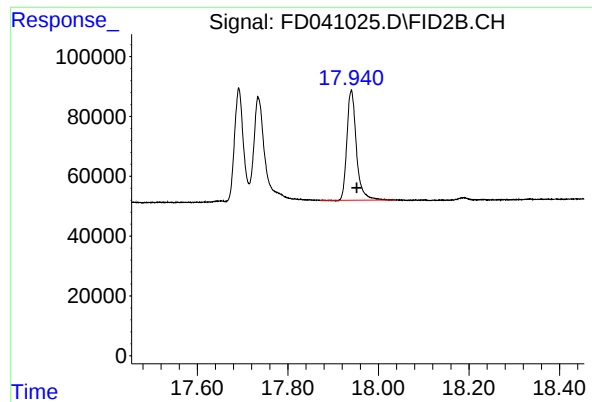
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.692 min
Delta R.T.: -0.019 min
Response: 512844
Conc: 21.73 ug/ml



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

R.T.: 17.735 min
Delta R.T.: -0.021 min
Response: 606393
Conc: 20.47 ug/ml



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

R.T.: 17.940 min
Delta R.T.: -0.012 min
Response: 535562
Conc: 20.17 ug/ml