

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040067.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 1:09
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 03:21:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 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...	6.851	2603805	19.510 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
6) S 2-Fluorobiphenyl (SURR)	7.702	1759183	19.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.10%
11) S ortho-Terphenyl (SURR)	10.744	2695902	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.694	2809873	19.400 ug/ml
2) T Naphthalene (C11.7)	5.197	2945913	19.476 ug/ml
3) T 2-Methylnaphthalene (...)	6.240	2958796	19.509 ug/ml
5) T Acenaphthylene (C15.06)	7.507	2698807	19.565 ug/ml
7) T Acenaphthene (C15.5)	7.802	2855157	19.525 ug/ml
8) T Fluorene (C16.55)	8.579	2807309	19.553 ug/ml
9) T Phenanthrene (C19.36)	9.970	2725802	19.534 ug/ml
10) T Anthracene (C19.43)	10.044	2621394	19.558 ug/ml
12) T Fluoranthene (C21.85)	11.774	2645515	19.519 ug/ml
13) T Pyrene (C20.8)	12.069	2569903	19.535 ug/ml
14) T Benzo[a]anthracene (C...	13.938	2350409	19.478 ug/ml
15) T Chrysene (C27.41)	13.980	2452158	19.472 ug/ml
16) T benzo[b]fluoranthene ...	15.484	2388423	19.400 ug/ml
17) T Bnezo[k]fluoranthene ...	15.516	2376877	19.495 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.859	2341316	19.435 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.221	2292638	19.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.264	2310555	19.936 ug/ml
21) T Benzo[g,h,i]perylene ...	17.475	2346688	19.443 ug/ml

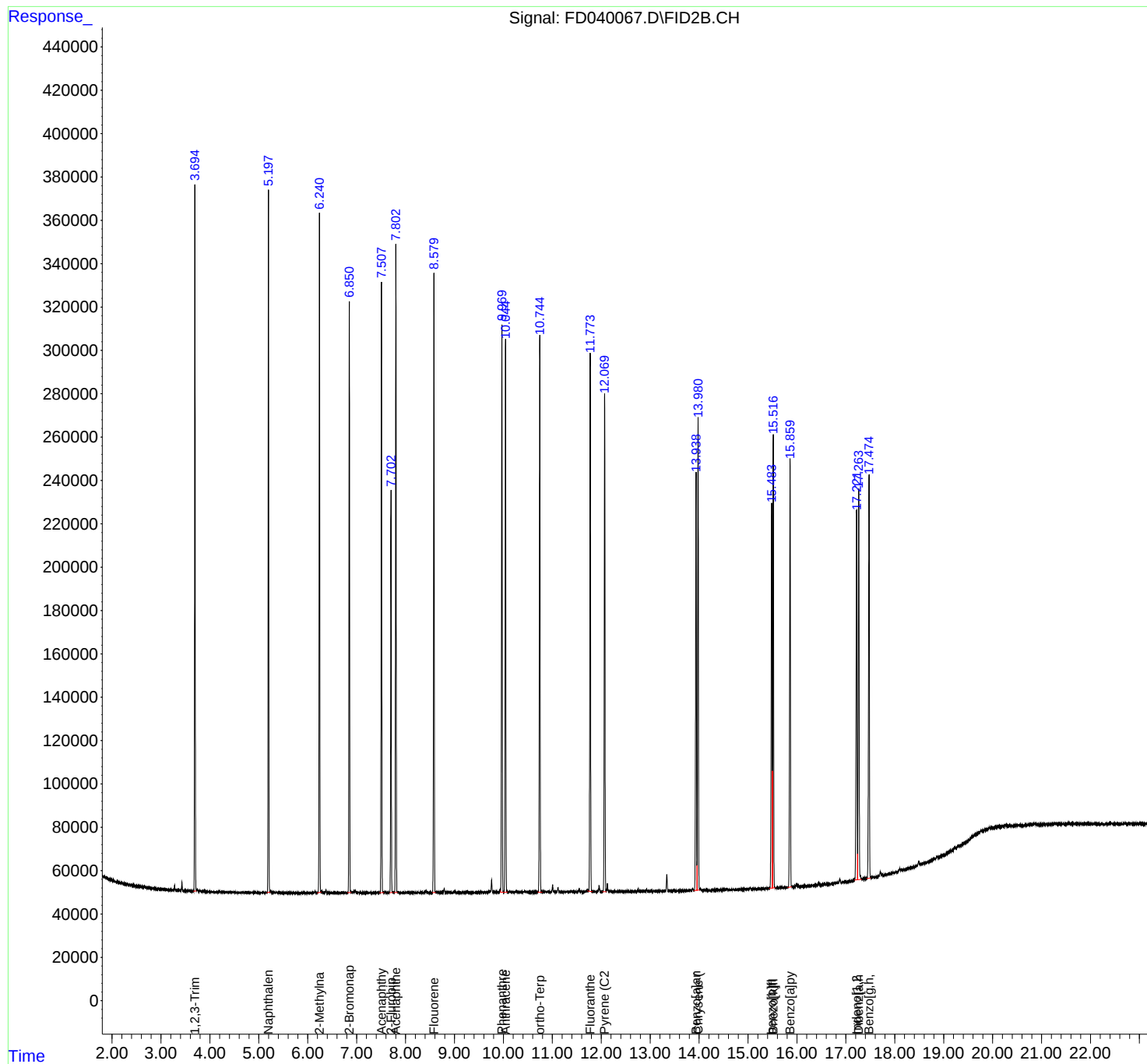
(f)=RT Delta > 1/2 Window

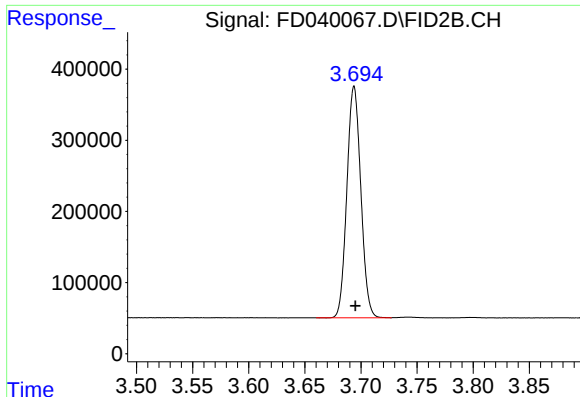
(m)=manual int.

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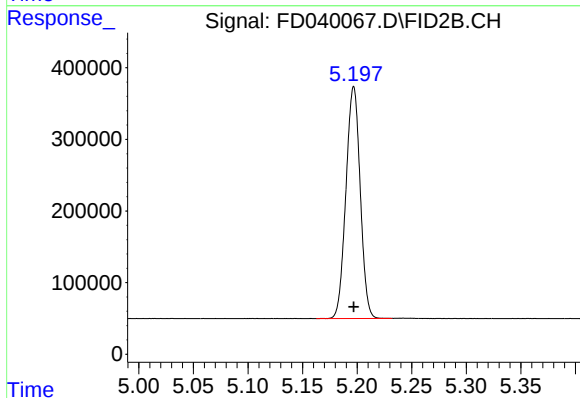
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Signal Info : 20M x 0.18mm x 0.18µm





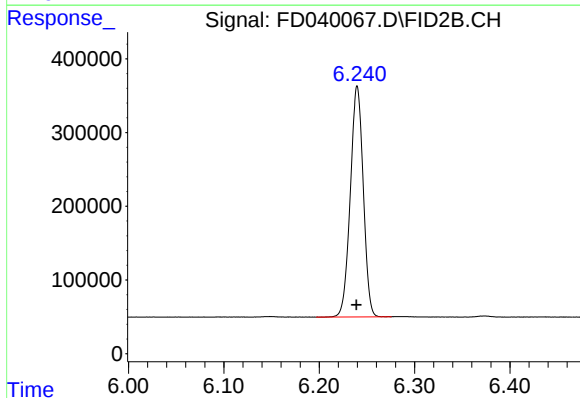
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.694 min
Delta R.T.: -0.001 min
Response: 2809873
Conc: 19.40 ug/ml



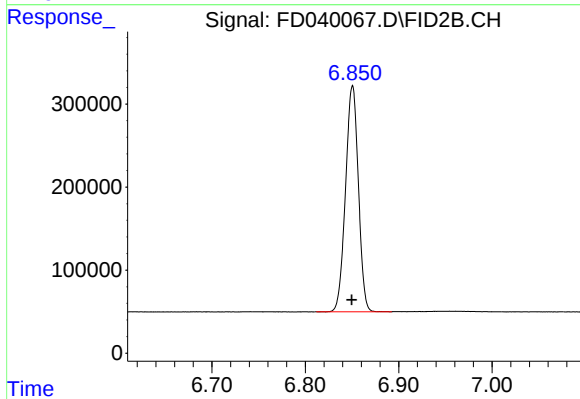
#2 Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 2945913
Conc: 19.48 ug/ml



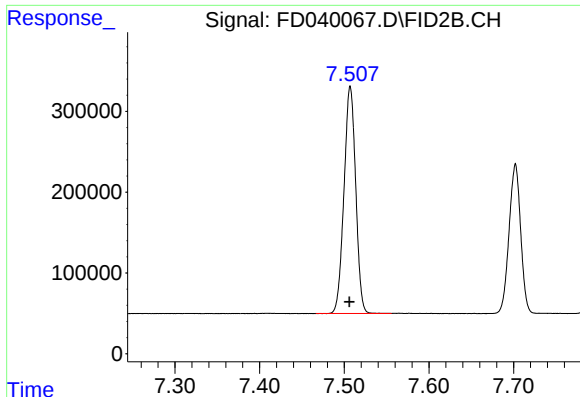
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 2958796
Conc: 19.51 ug/ml



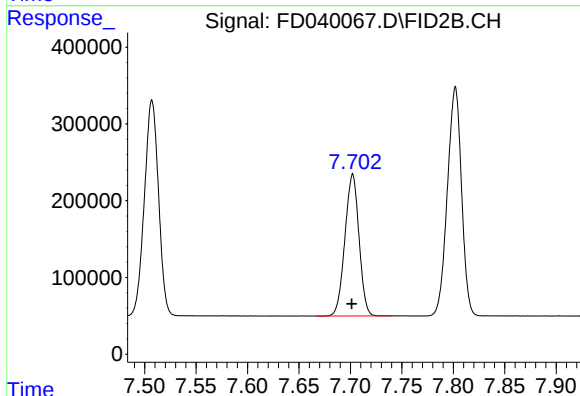
#4 2-Bromonaphthalene (SURR)

R.T.: 6.851 min
Delta R.T.: 0.001 min
Response: 2603805
Conc: 19.51 ug/ml



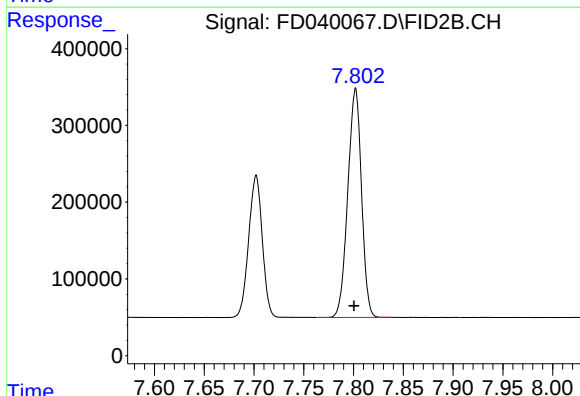
#5 Acenaphthylene (C15.06)

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 2698807
Conc: 19.56 ug/ml



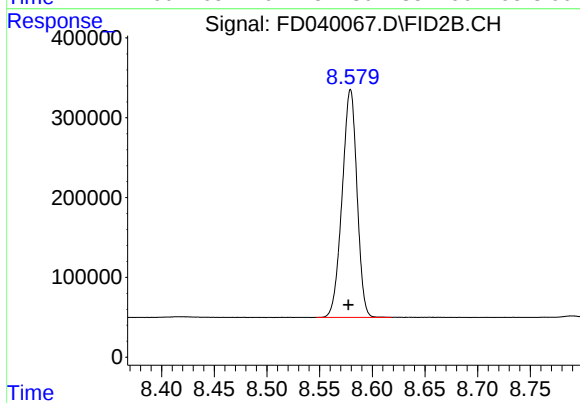
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 1759183
Conc: 19.55 ug/ml



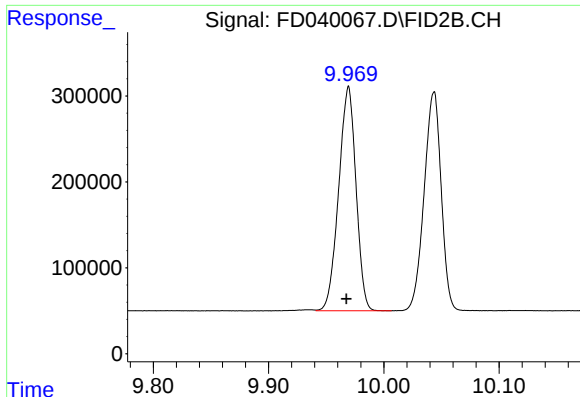
#7 Acenaphthene (C15.5)

R.T.: 7.802 min
Delta R.T.: 0.001 min
Response: 2855157
Conc: 19.52 ug/ml



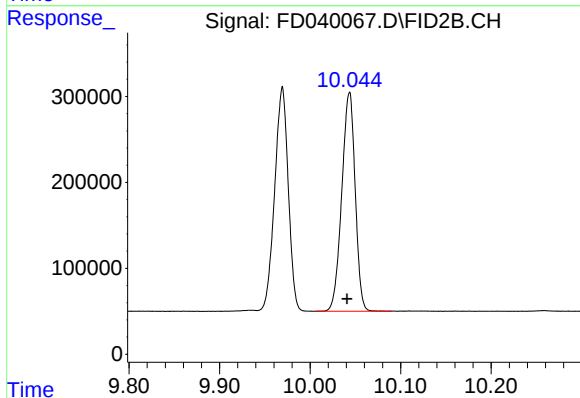
#8 Fluorene (C16.55)

R.T.: 8.579 min
Delta R.T.: 0.002 min
Response: 2807309
Conc: 19.55 ug/ml



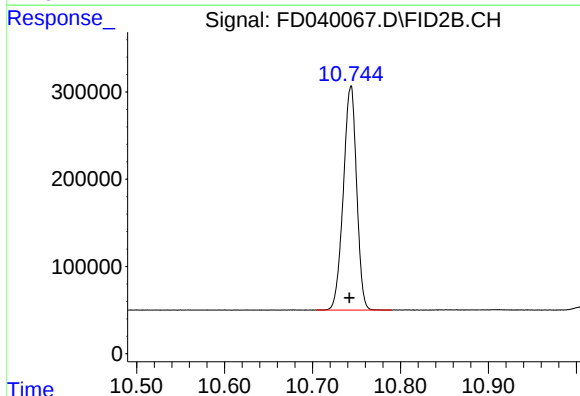
#9 Phenanthrene (C19.36)

R.T.: 9.970 min
Delta R.T.: 0.002 min
Response: 2725802
Conc: 19.53 ug/ml



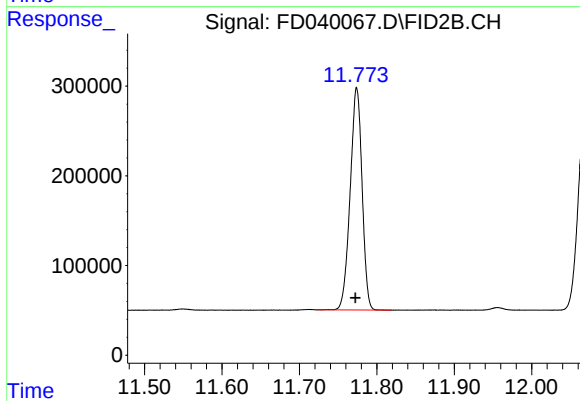
#10 Anthracene (C19.43)

R.T.: 10.044 min
Delta R.T.: 0.003 min
Response: 2621394
Conc: 19.56 ug/ml



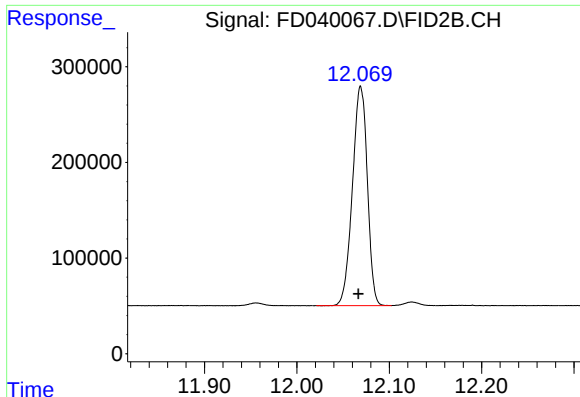
#11 ortho-Terphenyl (SURR)

R.T.: 10.744 min
Delta R.T.: 0.002 min
Response: 2695902
Conc: 19.59 ug/ml



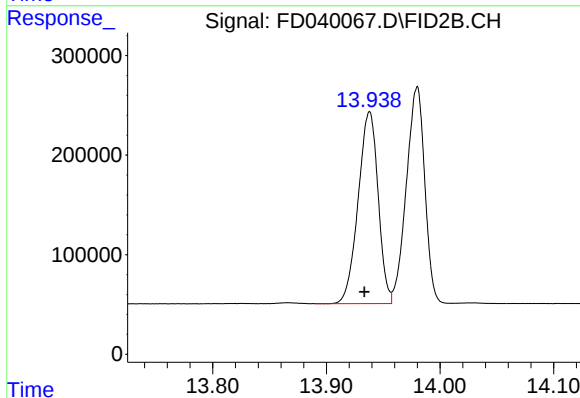
#12 Fluoranthene (C21.85)

R.T.: 11.774 min
Delta R.T.: 0.001 min
Response: 2645515
Conc: 19.52 ug/ml



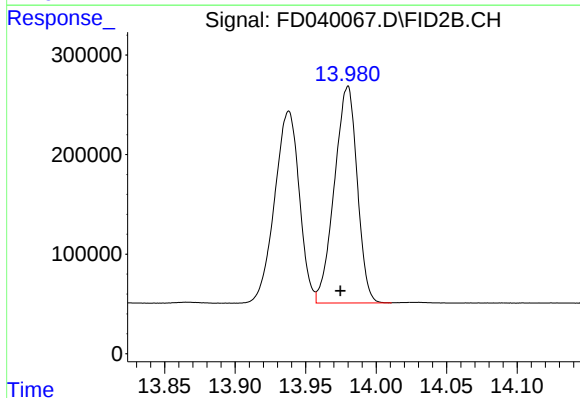
#13 Pyrene (C20.8)

R.T.: 12.069 min
Delta R.T.: 0.002 min
Response: 2569903
Conc: 19.54 ug/ml



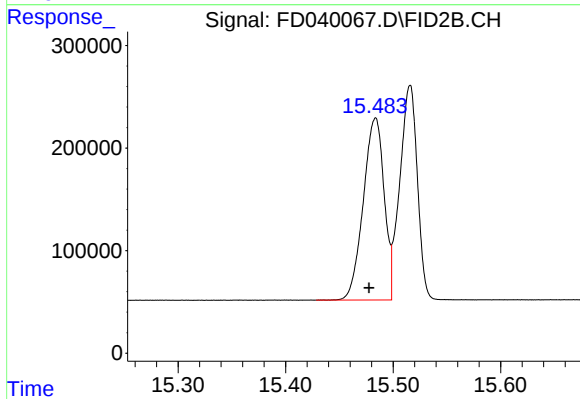
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.938 min
Delta R.T.: 0.005 min
Response: 2350409
Conc: 19.48 ug/ml



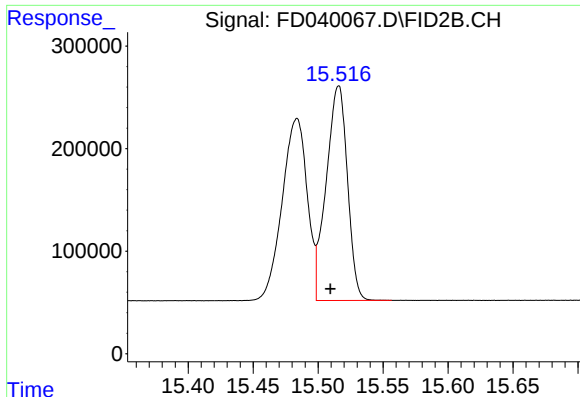
#15 Chrysene (C27.41)

R.T.: 13.980 min
Delta R.T.: 0.005 min
Response: 2452158
Conc: 19.47 ug/ml



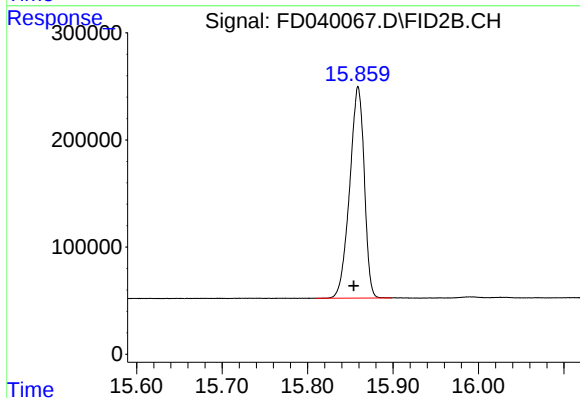
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.484 min
Delta R.T.: 0.006 min
Response: 2388423
Conc: 19.40 ug/ml



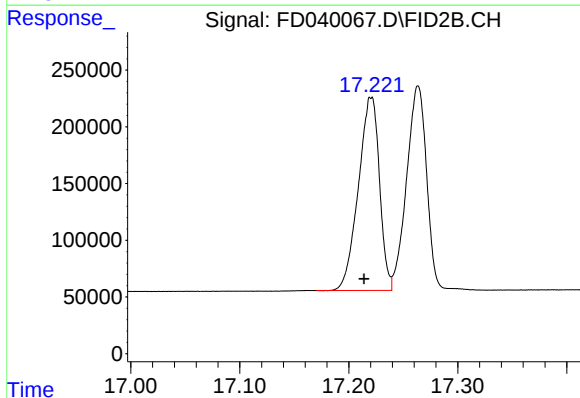
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.516 min
Delta R.T.: 0.006 min
Response: 2376877
Conc: 19.49 ug/ml



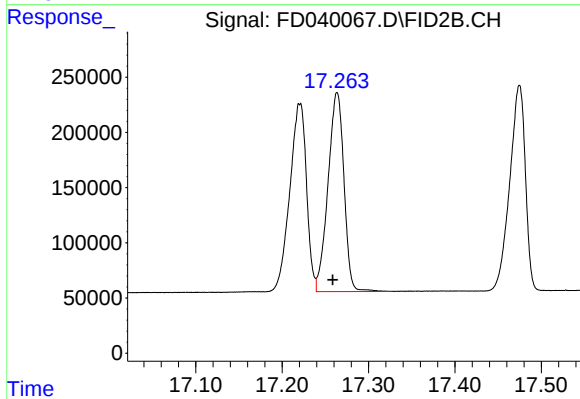
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.859 min
Delta R.T.: 0.005 min
Response: 2341316
Conc: 19.44 ug/ml



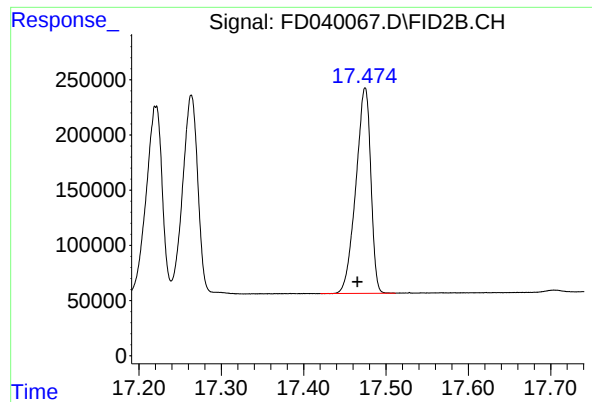
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.221 min
Delta R.T.: 0.006 min
Response: 2292638
Conc: 19.42 ug/ml



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

R.T.: 17.264 min
Delta R.T.: 0.005 min
Response: 2310555
Conc: 19.94 ug/ml



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

R.T.: 17.475 min
Delta R.T.: 0.009 min
Response: 2346688
Conc: 19.44 ug/ml