

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110920AR\
 Data File : FD035421.D
 Signal(s) : FID2B.CH
 Acq On : 09 Nov 2020 10:31
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 10 02:33:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 2020
 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...	7.633	2054150	17.711 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
6) S 2-Fluorobiphenyl (SURR)	8.497	1388187	17.251 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.50%
11) S ortho-Terphenyl (SURR)	11.534	2369304	17.049 ug/ml
Spiked Amount 50.000		Recovery =	34.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.433	2369055	18.367 ug/ml
2) T Naphthalene (C11.7)	5.972	2421930	17.887 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	2424778	17.789 ug/ml
5) T Acenaphthylene (C15.06)	8.298	2322873	17.230 ug/ml
7) T Acenaphthene (C15.5)	8.594	2419269	17.427 ug/ml
8) T Fluorene (C16.55)	9.375	2297385	17.326 ug/ml
9) T Phenanthrene (C19.36)	10.771	2252165	17.037 ug/ml
10) T Anthracene (C19.43)	10.846	2206047	16.317 ug/ml
12) T Fluoranthene (C21.85)	12.584	2180267	16.229 ug/ml
13) T Pyrene (C20.8)	12.881	2089373	15.711 ug/ml
14) T Benzo[a]anthracene (C...	14.753	1924639	16.173 ug/ml
15) T Chrysene (C27.41)	14.794	2078657	15.695 ug/ml
16) T benzo[b]fluoranthene ...	16.304	1974043	16.704 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	1983035	16.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	1837134	16.798 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	1921625	18.802 ug/ml
20) T Dibenz[a,h]anthracene...	18.085	2026872	17.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	1996787	18.650 ug/ml

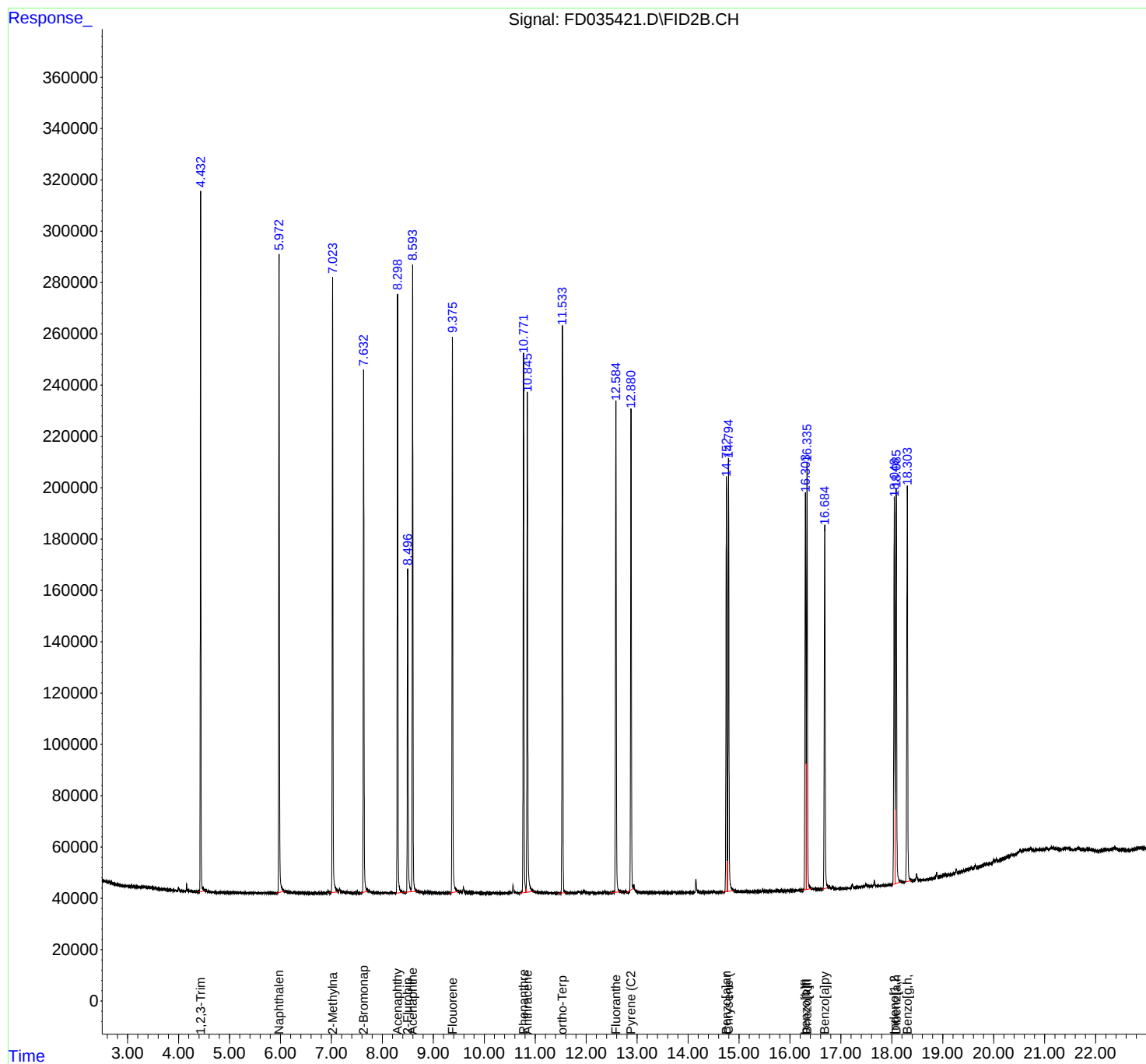
(f)=RT Delta > 1/2 Window

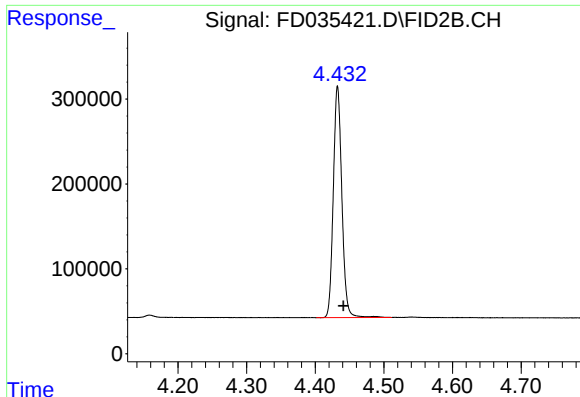
(m)=manual int.

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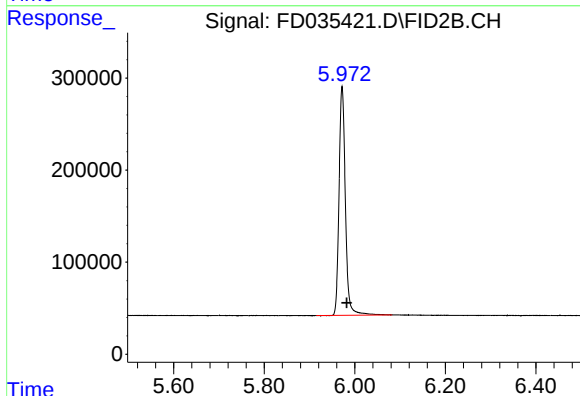
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Signal Info : 20M x 0.18mm x 0.18µm





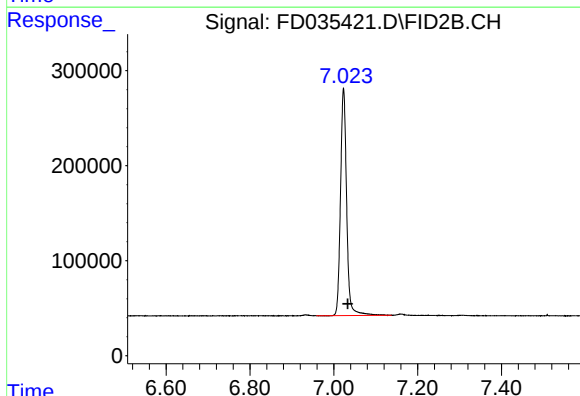
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.433 min
Delta R.T.: -0.008 min
Response: 2369055
Conc: 18.37 ug/ml



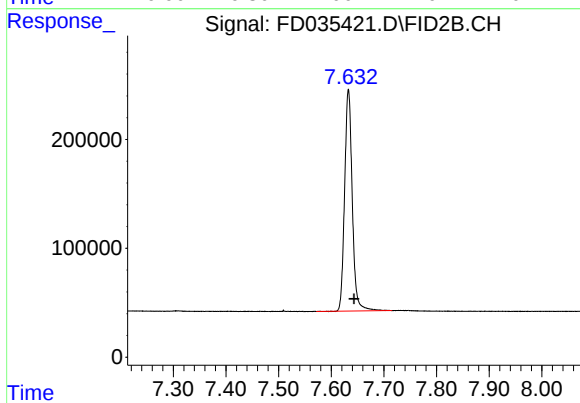
#2 Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 2421930
Conc: 17.89 ug/ml



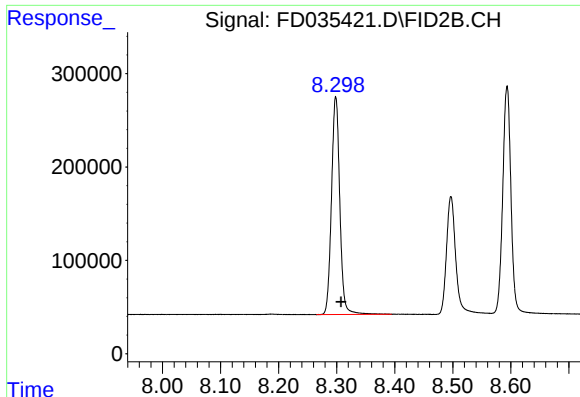
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.010 min
Response: 2424778
Conc: 17.79 ug/ml



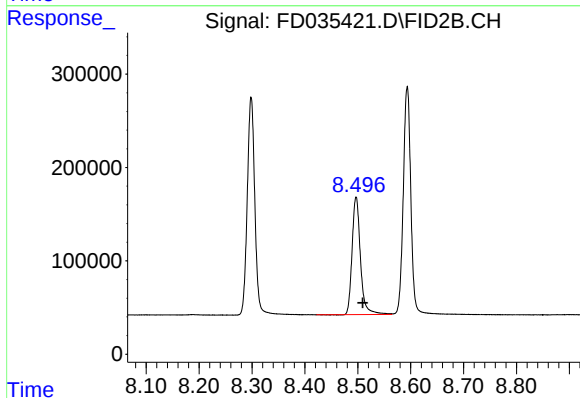
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.011 min
Response: 2054150
Conc: 17.71 ug/ml



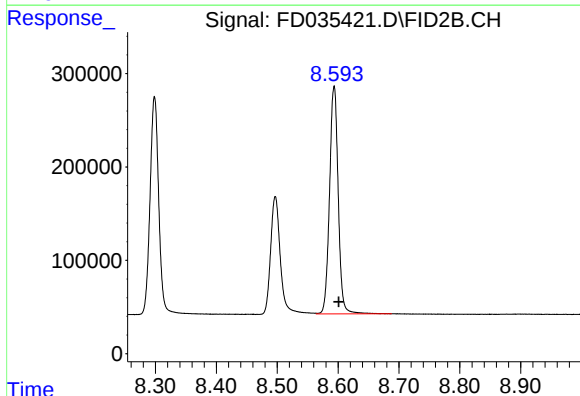
#5 Acenaphthylene (C15.06)

R.T.: 8.298 min
Delta R.T.: -0.009 min
Response: 2322873
Conc: 17.23 ug/ml



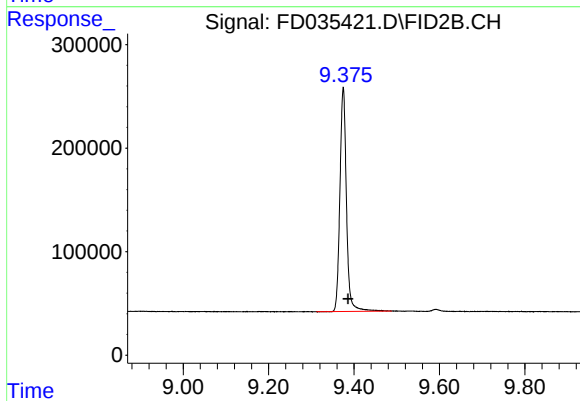
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.012 min
Response: 1388187
Conc: 17.25 ug/ml



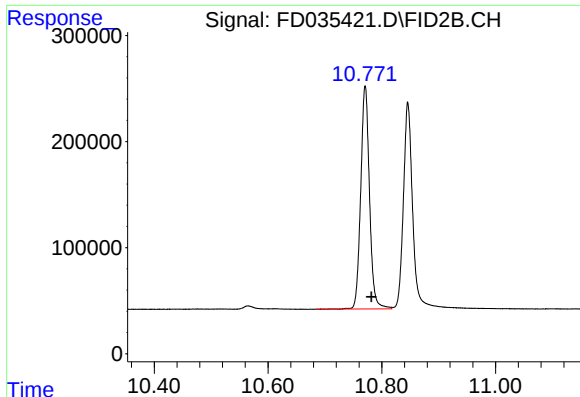
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.008 min
Response: 2419269
Conc: 17.43 ug/ml



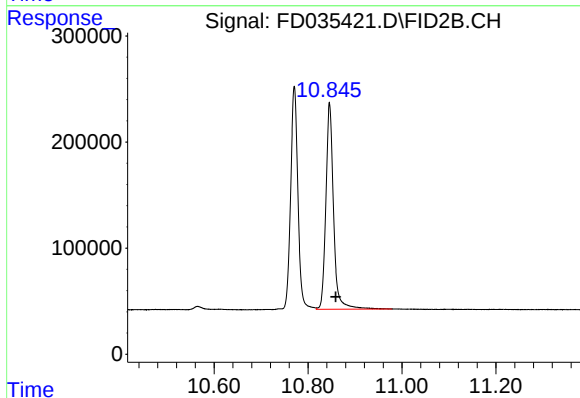
#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: -0.012 min
Response: 2297385
Conc: 17.33 ug/ml



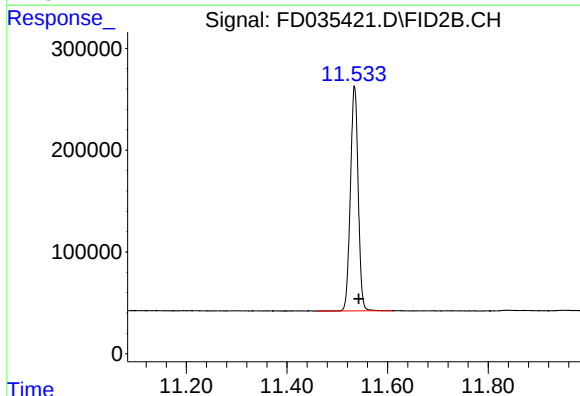
#9 Phenanthrene (C19.36)

R.T.: 10.771 min
Delta R.T.: -0.011 min
Response: 2252165
Conc: 17.04 ug/ml



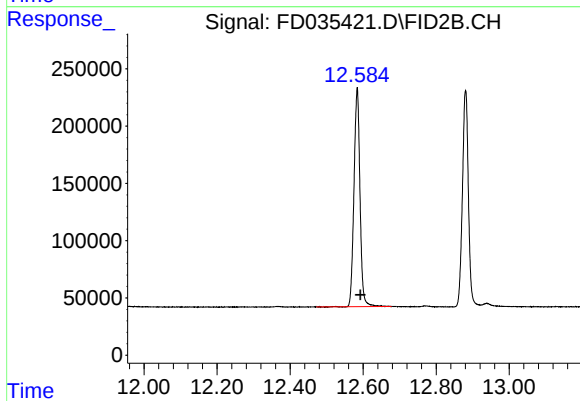
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.013 min
Response: 2206047
Conc: 16.32 ug/ml



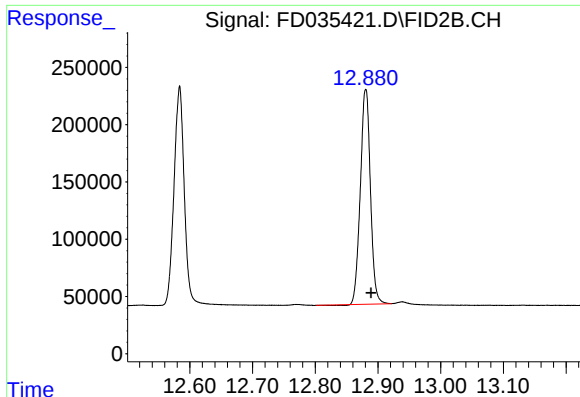
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.009 min
Response: 2369304
Conc: 17.05 ug/ml



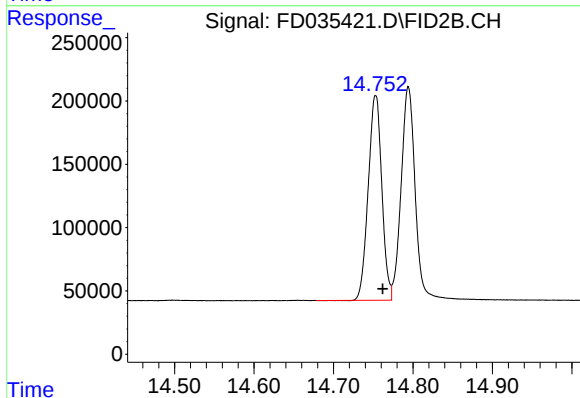
#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.009 min
Response: 2180267
Conc: 16.23 ug/ml



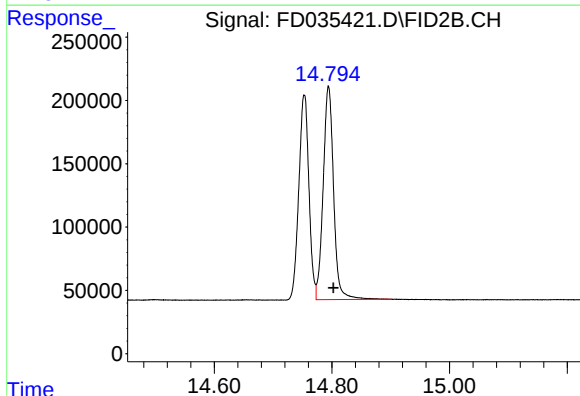
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: -0.009 min
Response: 2089373
Conc: 15.71 ug/ml



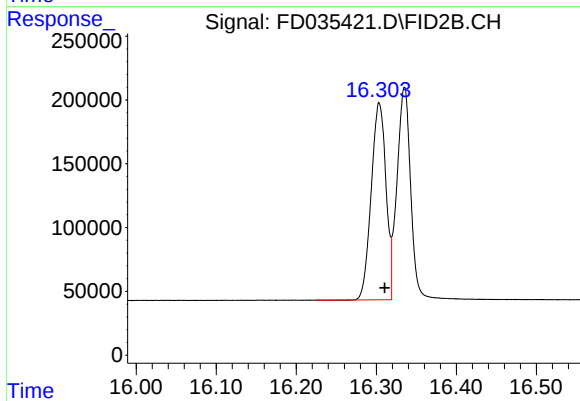
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.009 min
Response: 1924639
Conc: 16.17 ug/ml



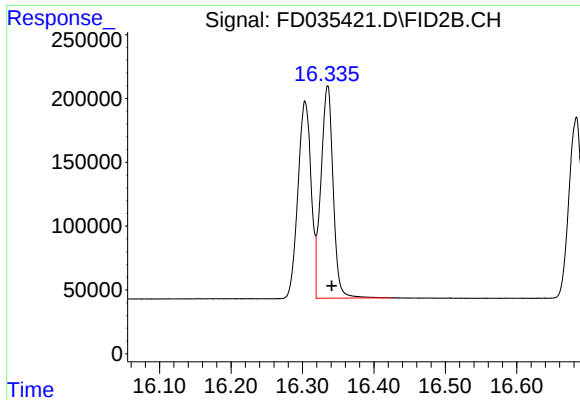
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.008 min
Response: 2078657
Conc: 15.69 ug/ml



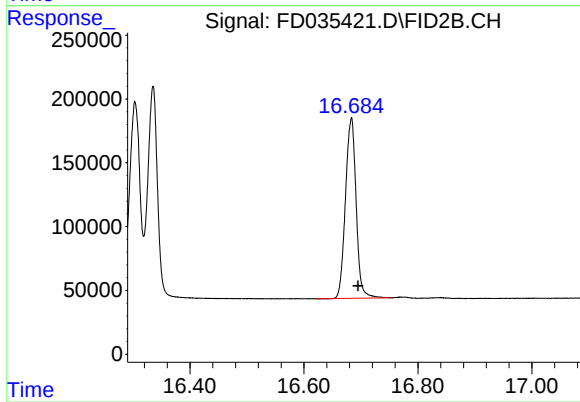
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.304 min
Delta R.T.: -0.007 min
Response: 1974043
Conc: 16.70 ug/ml



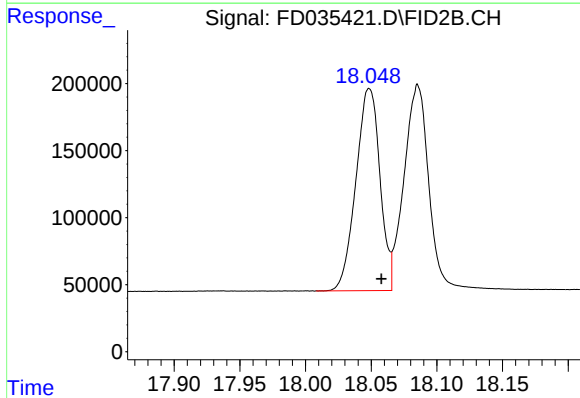
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.006 min
Response: 1983035
Conc: 16.29 ug/ml



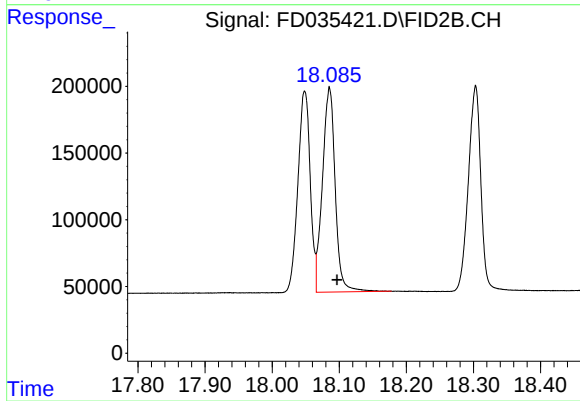
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.012 min
Response: 1837134
Conc: 16.80 ug/ml



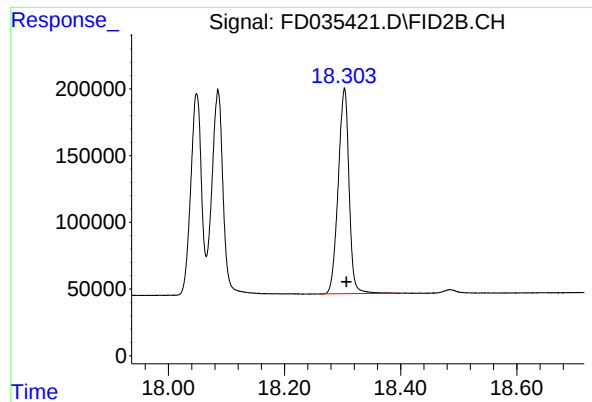
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: -0.009 min
Response: 1921625
Conc: 18.80 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.012 min
Response: 2026872
Conc: 17.72 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.004 min
Response: 1996787
Conc: 18.65 ug/ml