

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041322AR\
 Data File : FD041966.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2022 22:07
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 14 02:35:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.339	3022267	18.843 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
6) S 2-Fluorobiphenyl (SURR)	8.189	1710187	17.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.61%
11) S ortho-Terphenyl (SURR)	11.216	3391172	17.445 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.162	3559731	20.323 ug/ml
2) T Naphthalene (C11.7)	5.682	3442179	19.509 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	3123790	19.525 ug/ml
5) T Acenaphthylene (C15.06)	7.989	3389622	18.317 ug/ml
7) T Acenaphthene (C15.5)	8.281	3642363	18.973 ug/ml
8) T Flouorene (C16.55)	9.060	3091328	17.522 ug/ml
9) T Phenanthrene (C19.36)	10.447	2916124	16.718 ug/ml
10) T Anthracene (C19.43)	10.522	3065304	16.841 ug/ml
12) T Fluoranthene (C21.85)	12.249	2845151	16.116 ug/ml
13) T Pyrene (C20.8)	12.541	2636070	15.592 ug/ml
14) T Benzo[a]anthracene (C...	14.412	2473123	16.539 ug/ml
15) T Chrysene (C27.41)	14.453	3143942	17.467 ug/ml
16) T benzo[b]fluoranthene ...	15.960	2763998	18.639 ug/ml
17) T Bnezo[k]fluoranthene ...	15.990	3115204	18.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	2462044	17.504 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	3175019	28.827 ug/ml
20) T Dibenz[a,h]anthracene...	17.741	3175019	21.931 ug/ml
21) T Benzo[g,h,i]perylene ...	17.952	2847102	21.452 ug/ml

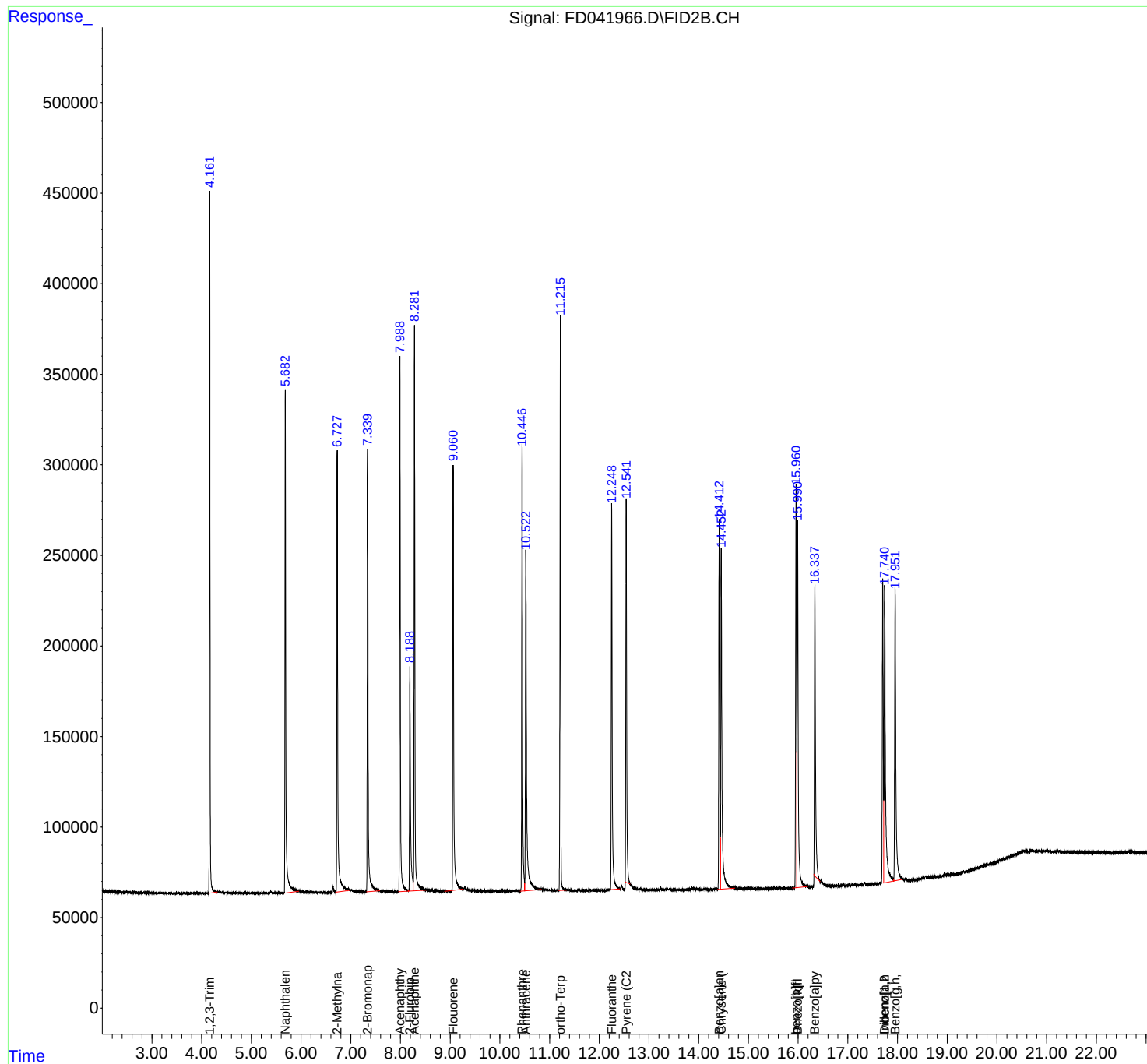
(f)=RT Delta > 1/2 Window

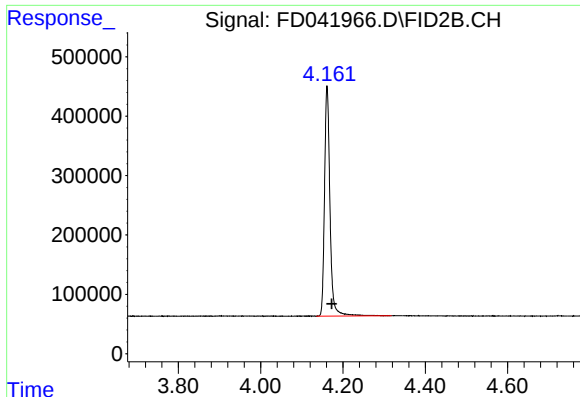
(m)=manual int.

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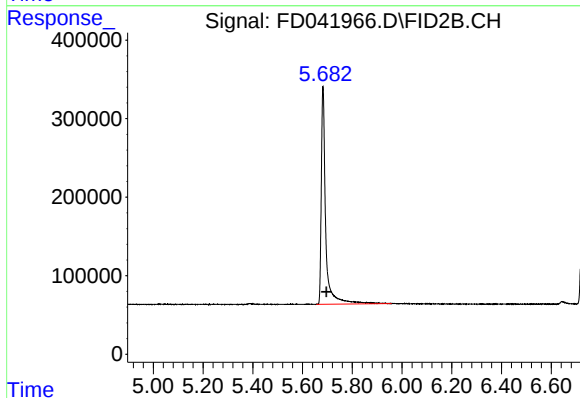
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





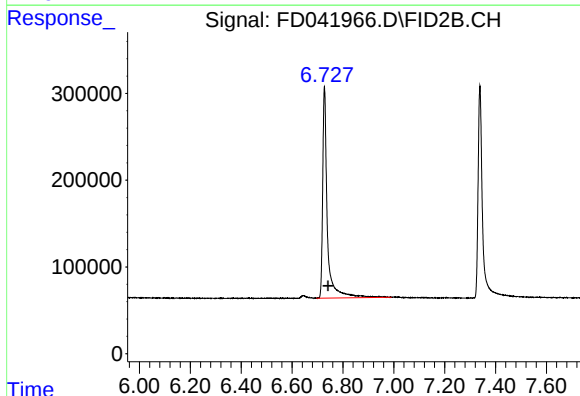
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.162 min
Delta R.T.: -0.011 min
Response: 3559731
Conc: 20.32 ug/ml



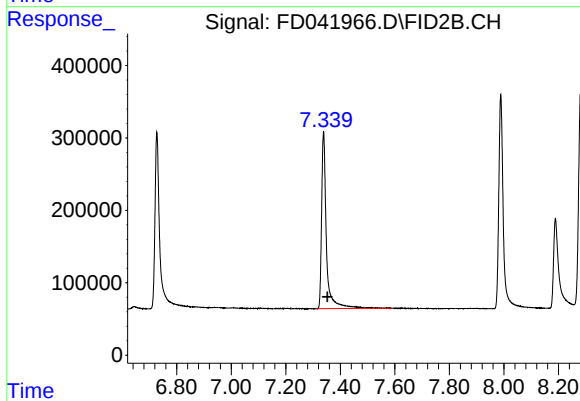
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: -0.013 min
Response: 3442179
Conc: 19.51 ug/ml



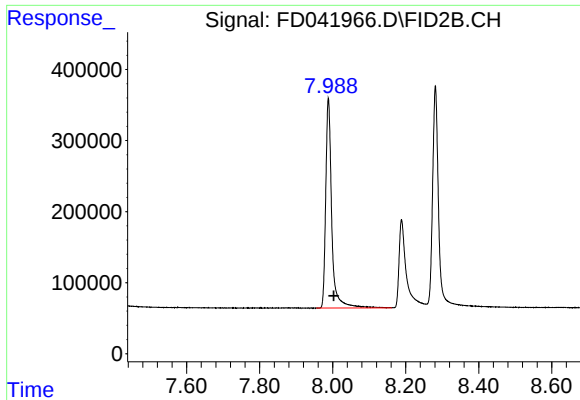
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.014 min
Response: 3123790
Conc: 19.52 ug/ml



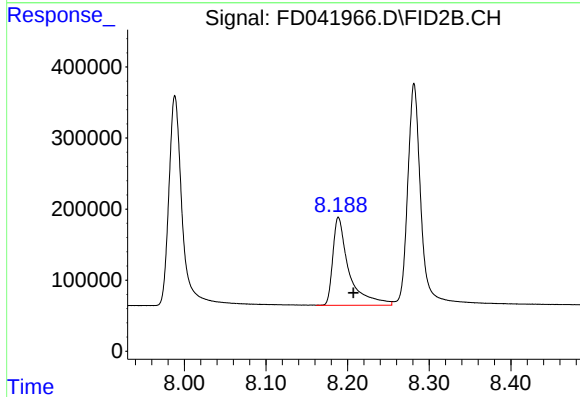
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: -0.014 min
Response: 3022267
Conc: 18.84 ug/ml



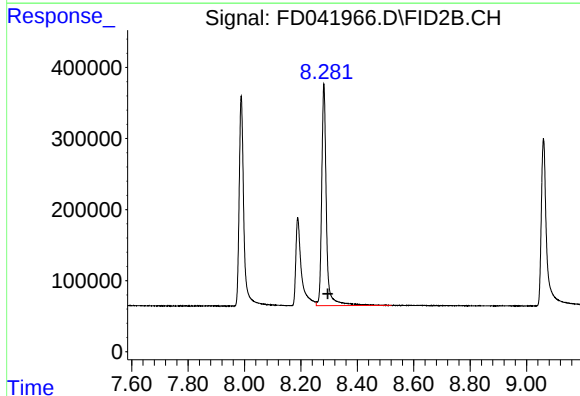
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.014 min
Response: 3389622
Conc: 18.32 ug/ml



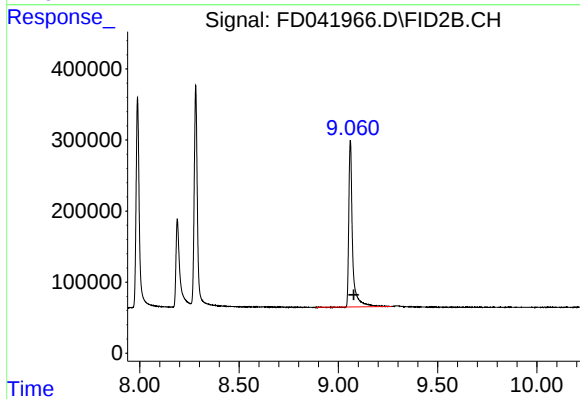
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.018 min
Response: 1710187
Conc: 17.31 ug/ml



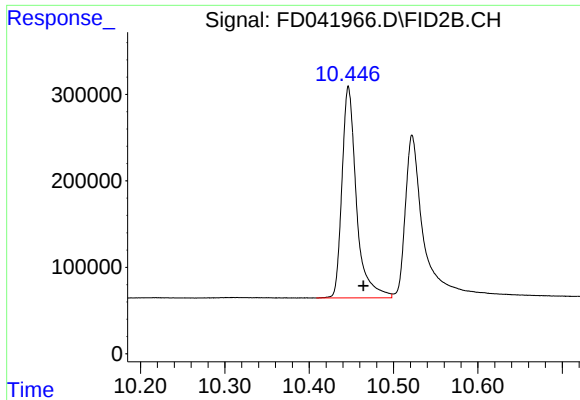
#7 Acenaphthene (C15.5)

R.T.: 8.281 min
Delta R.T.: -0.014 min
Response: 3642363
Conc: 18.97 ug/ml



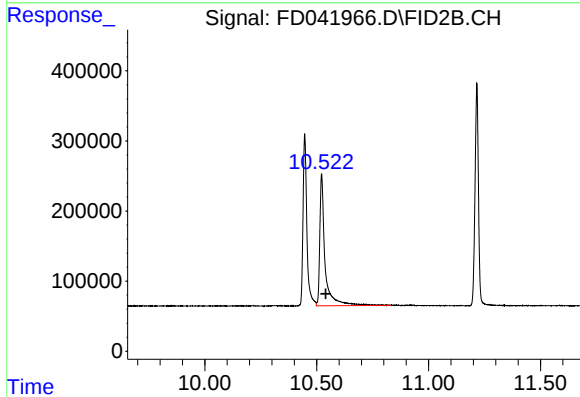
#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.017 min
Response: 3091328
Conc: 17.52 ug/ml



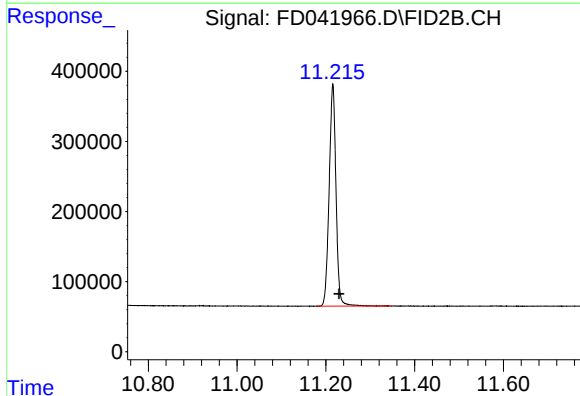
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: -0.017 min
Response: 2916124
Conc: 16.72 ug/ml



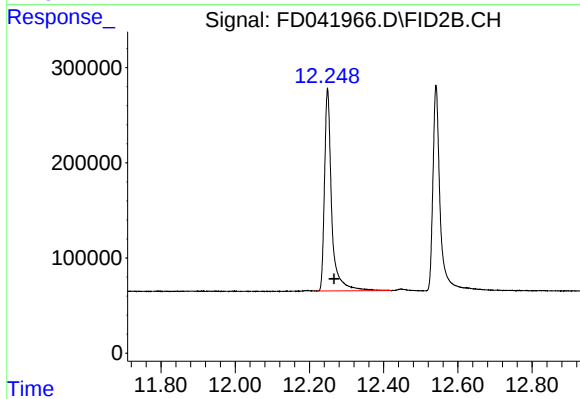
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: -0.018 min
Response: 3065304
Conc: 16.84 ug/ml



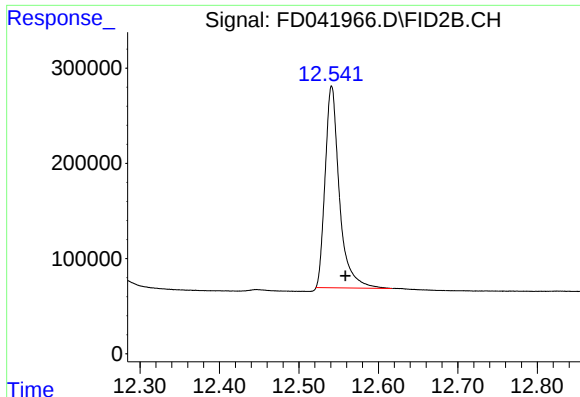
#11 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 3391172
Conc: 17.44 ug/ml



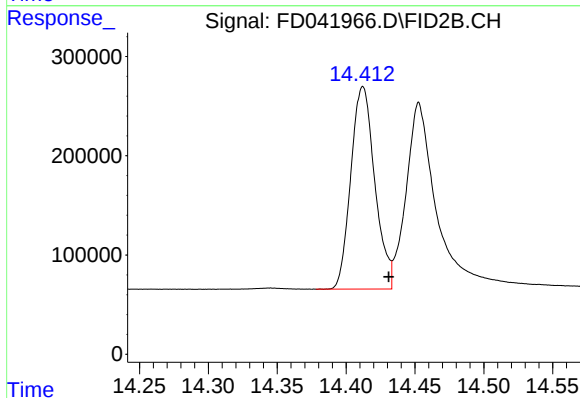
#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: -0.017 min
Response: 2845151
Conc: 16.12 ug/ml



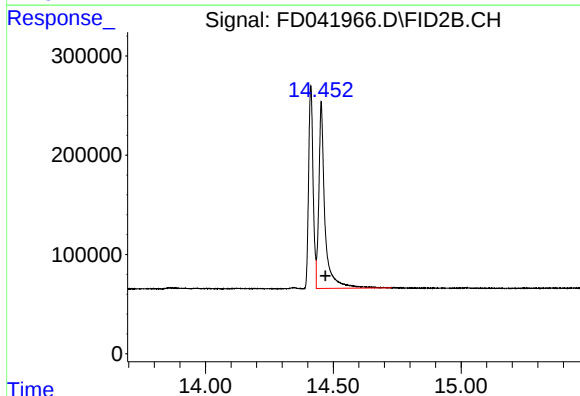
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.017 min
Response: 2636070
Conc: 15.59 ug/ml



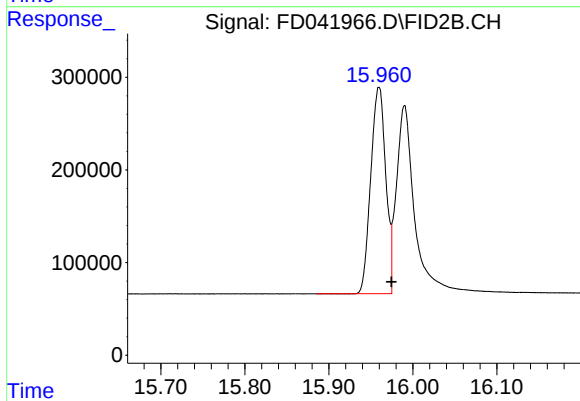
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: -0.019 min
Response: 2473123
Conc: 16.54 ug/ml



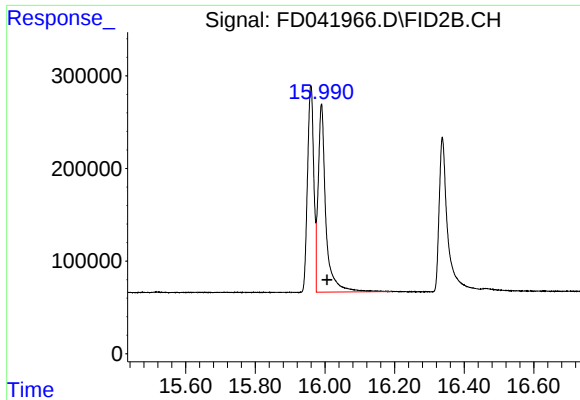
#15 Chrysene (C27.41)

R.T.: 14.453 min
Delta R.T.: -0.017 min
Response: 3143942
Conc: 17.47 ug/ml



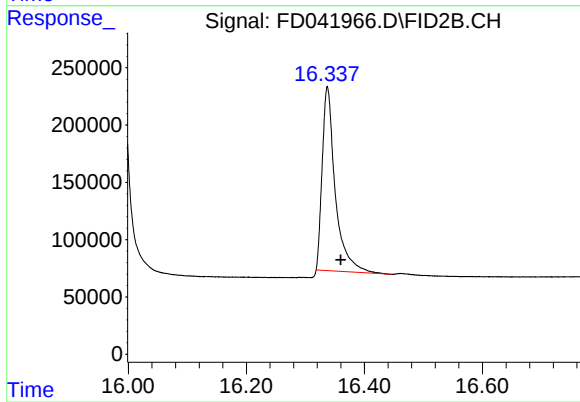
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.960 min
Delta R.T.: -0.015 min
Response: 2763998
Conc: 18.64 ug/ml



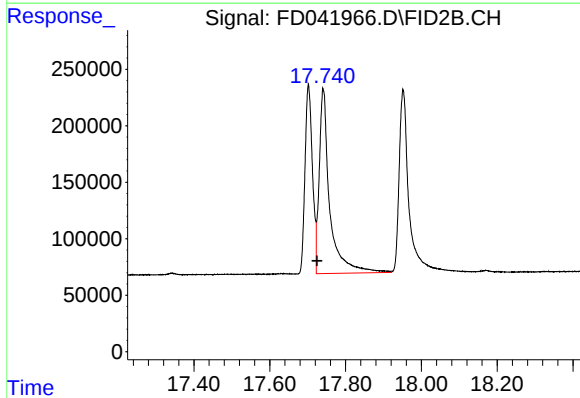
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.990 min
Delta R.T.: -0.016 min
Response: 3115204
Conc: 18.85 ug/ml



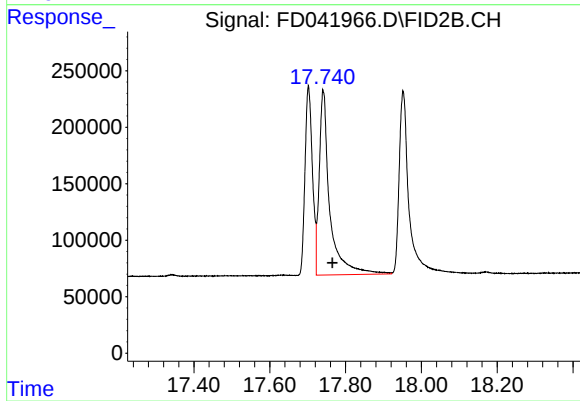
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: -0.022 min
Response: 2462044
Conc: 17.50 ug/ml



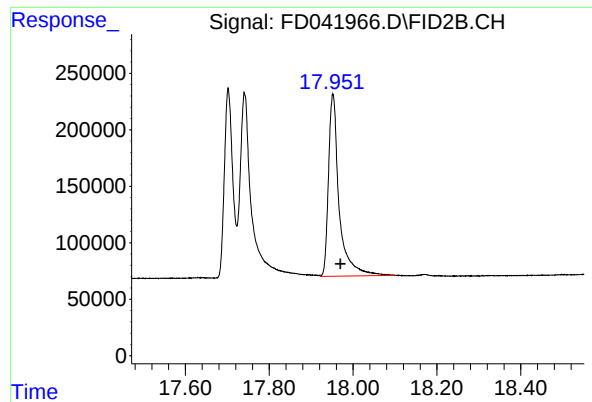
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.017 min
Response: 3175019
Conc: 28.83 ug/ml



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

R.T.: 17.741 min
Delta R.T.: -0.024 min
Response: 3175019
Conc: 21.93 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.018 min
Response: 2847102
Conc: 21.45 ug/ml