

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035830.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 2:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 04:07:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 02:53:45 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...	7.589	2300827	21.083 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
6) S 2-Fluorobiphenyl (SURR)	8.456	1475127	21.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.55%
11) S ortho-Terphenyl (SURR)	11.486	2670612	20.662 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2607092	20.925 ug/ml
2) T Naphthalene (C11.7)	5.928	2682144	21.354 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	2617947	20.884 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2640110	20.870 ug/ml
7) T Acenaphthene (C15.5)	8.547	2814419	20.749 ug/ml
8) T Flouorene (C16.55)	9.332	2570807	21.076 ug/ml
9) T Phenanthrene (C19.36)	10.729	2541472	20.990 ug/ml
10) T Anthracene (C19.43)	10.806	2617443	21.063 ug/ml
12) T Fluoranthene (C21.85)	12.542	2540597	20.847 ug/ml
13) T Pyrene (C20.8)	12.838	2566227	20.974 ug/ml
14) T Benzo[a]anthracene (C...	14.712	2087709	21.361 ug/ml
15) T Chrysene (C27.41)	14.755	2473485	20.281 ug/ml
16) T benzo[b]fluoranthene ...	16.266	4265298	44.943 ug/ml
17) T Bnezo[k]fluoranthene ...	16.266	4265298	38.548 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	1951400	21.434 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	3884531	48.109 ug/ml
20) T Dibenz[a,h]anthracene...	18.020f	3884531	36.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	1899335	20.544 ug/ml

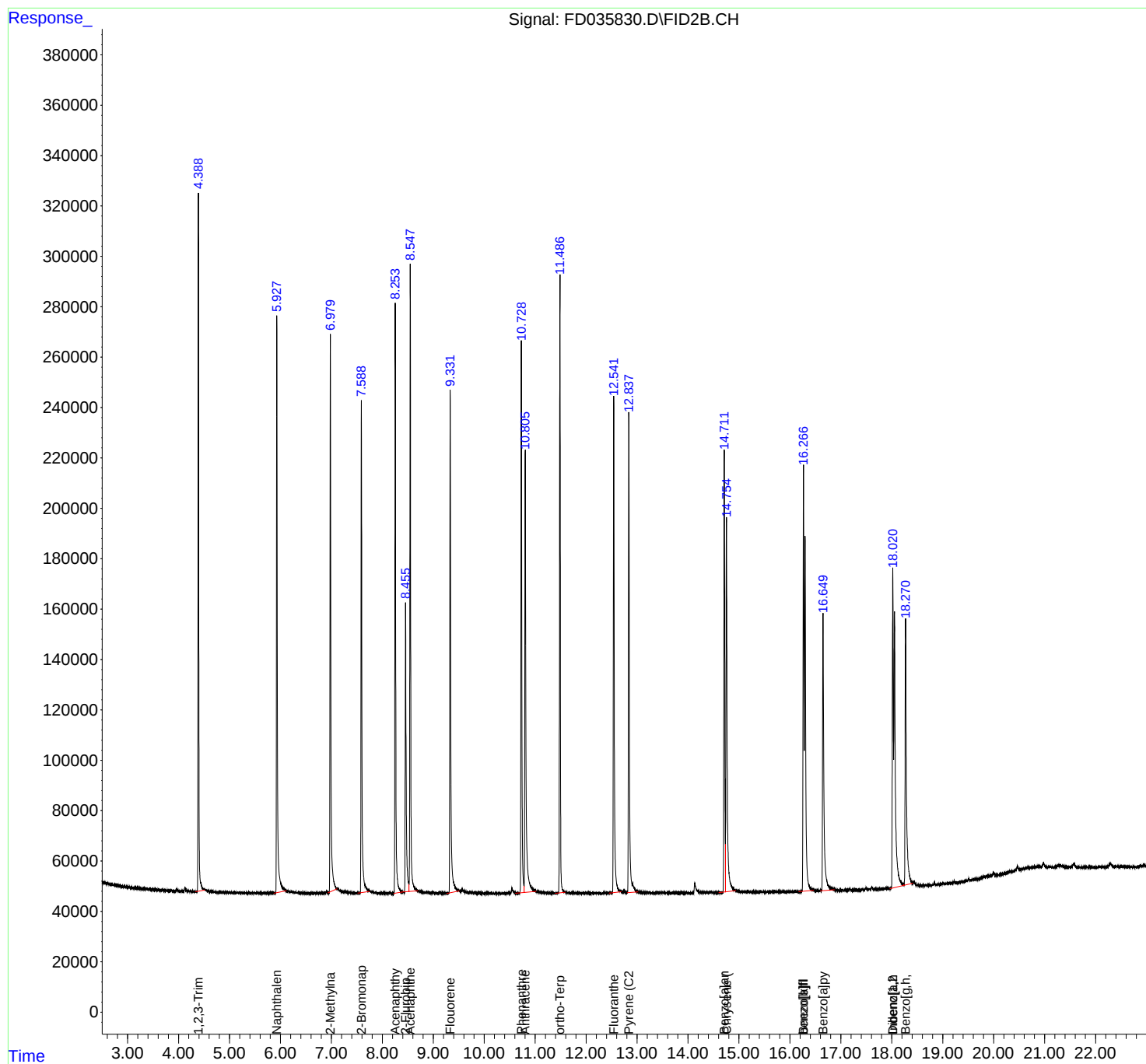
(f)=RT Delta > 1/2 Window

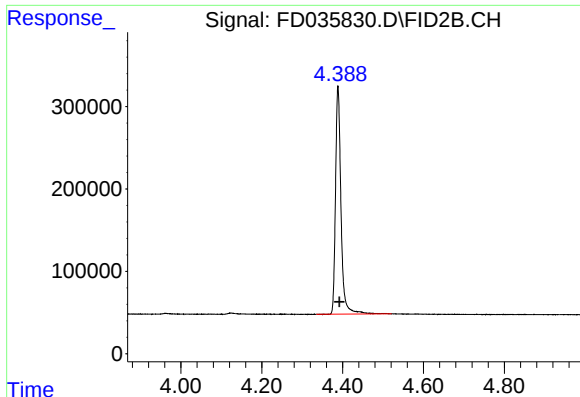
(m)=manual int.

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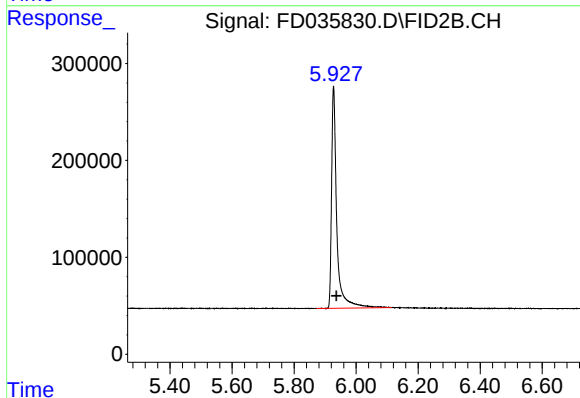
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Signal Info : 20M x 0.18mm x 0.18µm





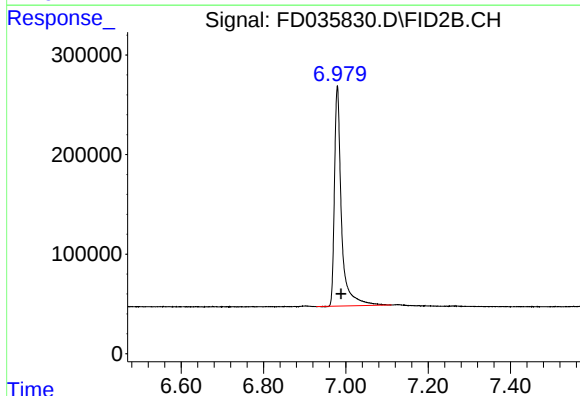
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 2607092
Conc: 20.93 ug/ml



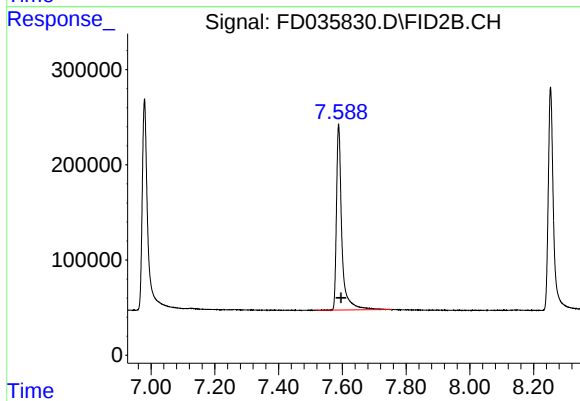
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.008 min
Response: 2682144
Conc: 21.35 ug/ml



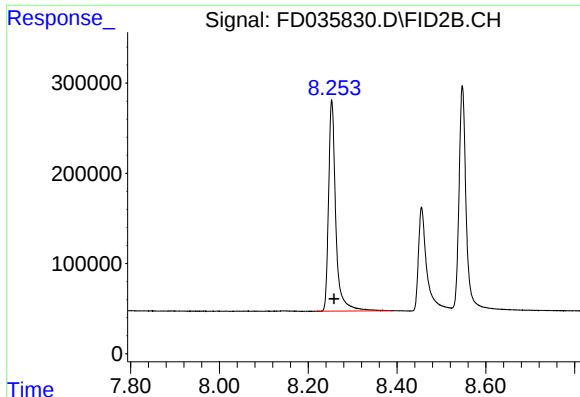
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 2617947
Conc: 20.88 ug/ml



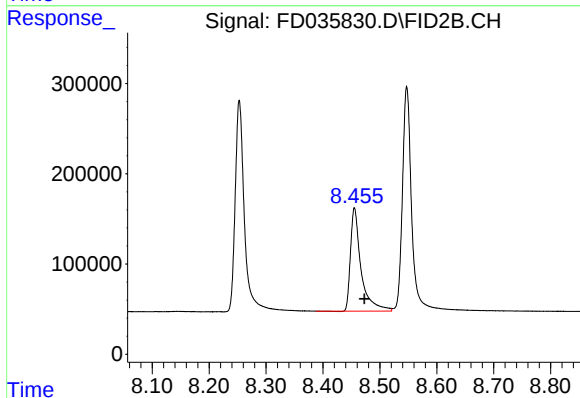
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 2300827
Conc: 21.08 ug/ml



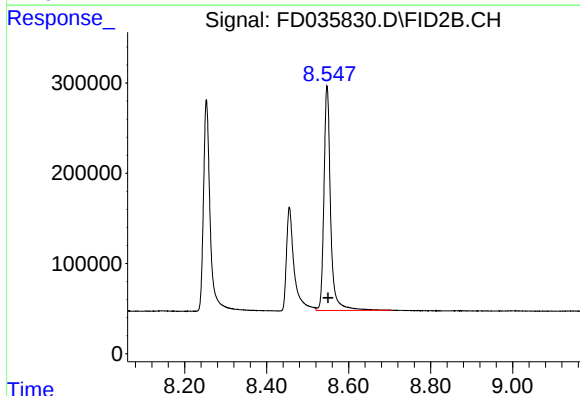
#5 Acenaphthylene (C15.06)

R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 2640110
Conc: 20.87 ug/ml



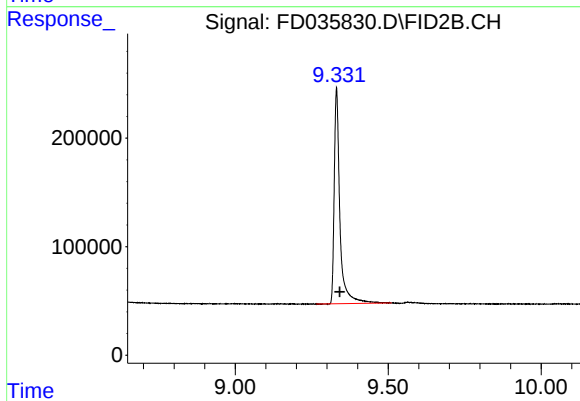
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.017 min
Response: 1475127
Conc: 21.28 ug/ml



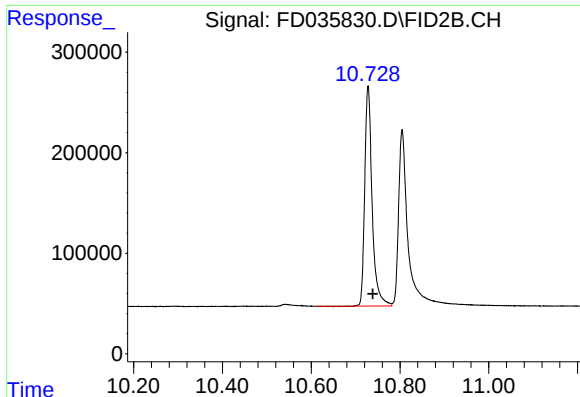
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.002 min
Response: 2814419
Conc: 20.75 ug/ml



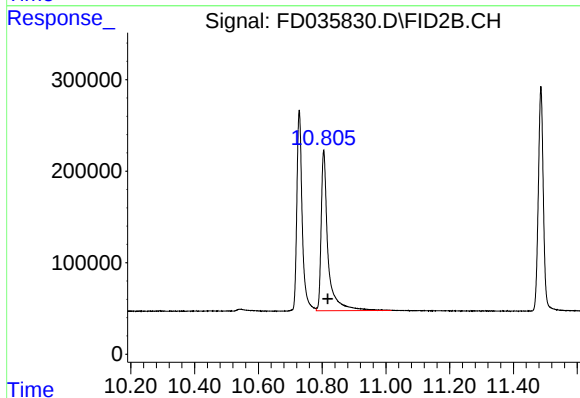
#8 Flouorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.010 min
Response: 2570807
Conc: 21.08 ug/ml



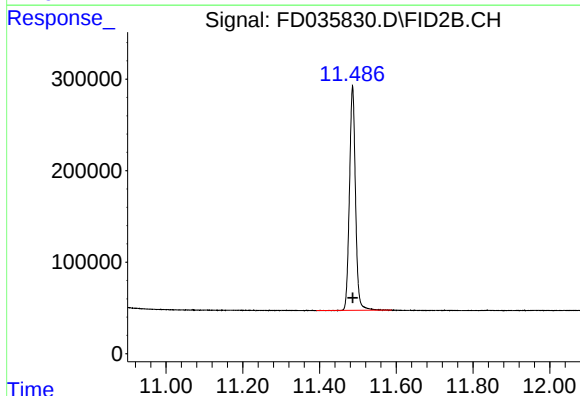
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.010 min
Response: 2541472
Conc: 20.99 ug/ml



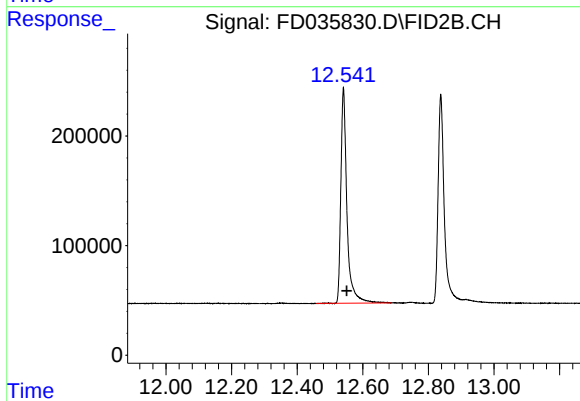
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: -0.012 min
Response: 2617443
Conc: 21.06 ug/ml



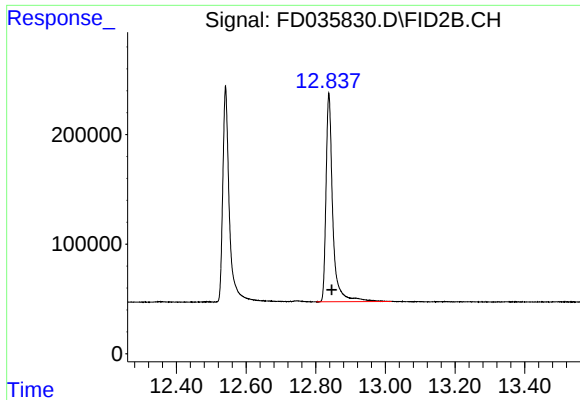
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: 0.000 min
Response: 2670612
Conc: 20.66 ug/ml



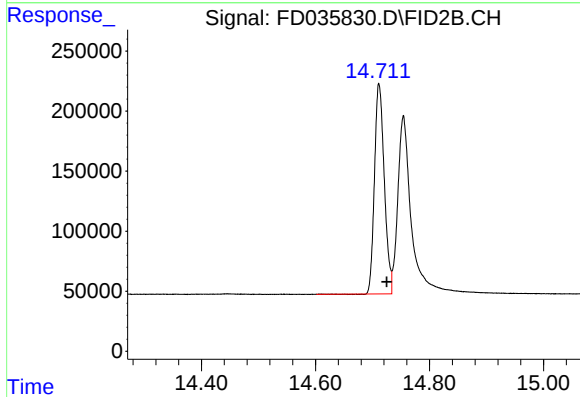
#12 Fluoranthene (C21.85)

R.T.: 12.542 min
Delta R.T.: -0.010 min
Response: 2540597
Conc: 20.85 ug/ml



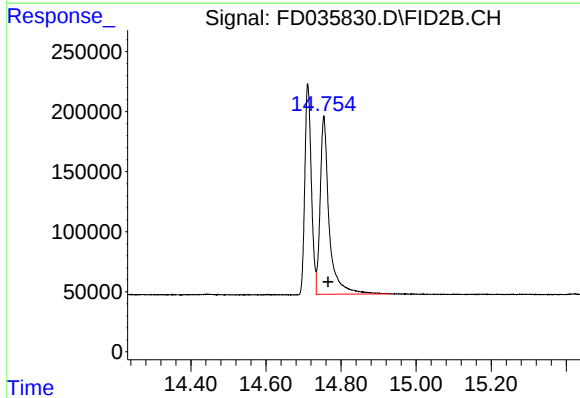
#13 Pyrene (C20.8)

R.T.: 12.838 min
Delta R.T.: -0.008 min
Response: 2566227
Conc: 20.97 ug/ml



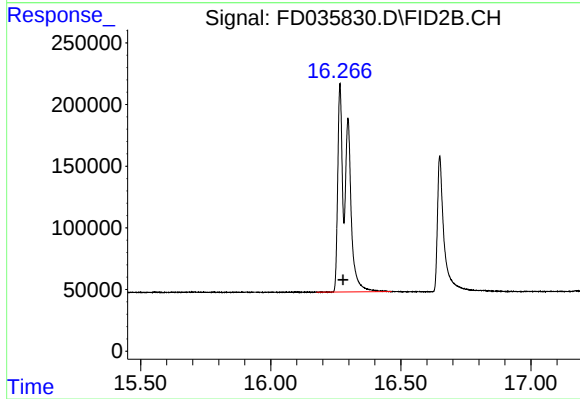
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.013 min
Response: 2087709
Conc: 21.36 ug/ml



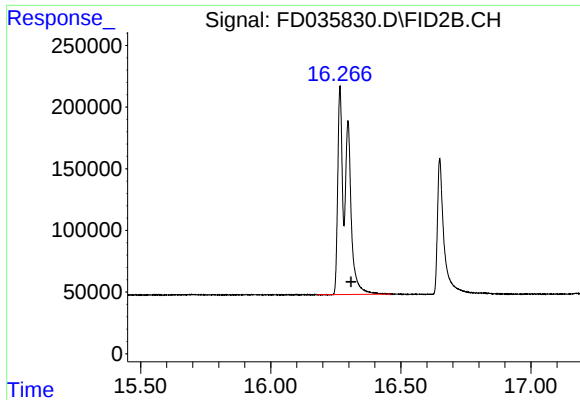
#15 Chrysene (C27.41)

R.T.: 14.755 min
Delta R.T.: -0.011 min
Response: 2473485
Conc: 20.28 ug/ml



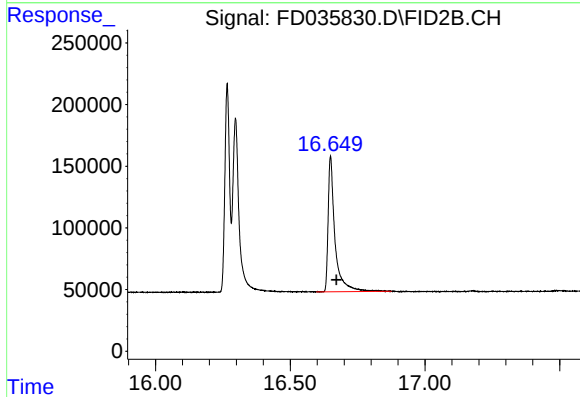
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.266 min
Delta R.T.: -0.011 min
Response: 4265298
Conc: 44.94 ug/ml



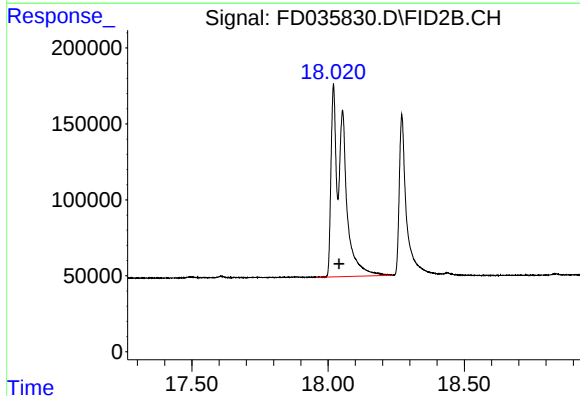
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.266 min
Delta R.T.: -0.042 min
Response: 4265298
Conc: 38.55 ug/ml



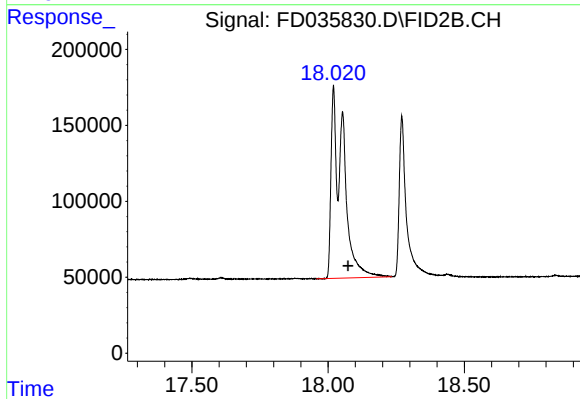
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.021 min
Response: 1951400
Conc: 21.43 ug/ml



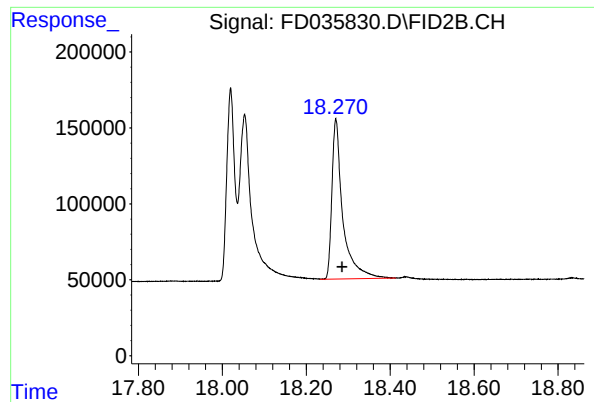
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.020 min
Response: 3884531
Conc: 48.11 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.053 min
Response: 3884531
Conc: 36.52 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.014 min
Response: 1899335
Conc: 20.54 ug/ml