

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041322AR\
 Data File : FD041960.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2022 15:44
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 14 02:34:47 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	3179368	19.823 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
6) S 2-Fluorobiphenyl (SURR)	8.189	1835315	18.573 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.15%
11) S ortho-Terphenyl (SURR)	11.216	3536091	18.190 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	3724377	21.263 ug/ml
2) T Naphthalene (C11.7)	5.682	3626762	20.556 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	3207835	20.050 ug/ml
5) T Acenaphthylene (C15.06)	7.989	3551100	19.189 ug/ml
7) T Acenaphthene (C15.5)	8.282	3776732	19.673 ug/ml
8) T Fluorene (C16.55)	9.061	3302789	18.721 ug/ml
9) T Phenanthrene (C19.36)	10.447	3027853	17.359 ug/ml
10) T Anthracene (C19.43)	10.523	3146659	17.288 ug/ml
12) T Fluoranthene (C21.85)	12.248	2882010	16.325 ug/ml
13) T Pyrene (C20.8)	12.540	2612101	15.450 ug/ml
14) T Benzo[a]anthracene (C...	14.411	2439655	16.316 ug/ml
15) T Chrysene (C27.41)	14.451	3037772	16.877 ug/ml
16) T benzo[b]fluoranthene ...	15.989	3040994	20.507 ug/ml
17) T Bnezo[k]fluoranthene ...	15.989	3040994	18.404 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	2126624	15.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	3086399	28.022 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	3086399	21.319 ug/ml
21) T Benzo[g,h,i]perylene ...	17.950	2802557	21.117 ug/ml

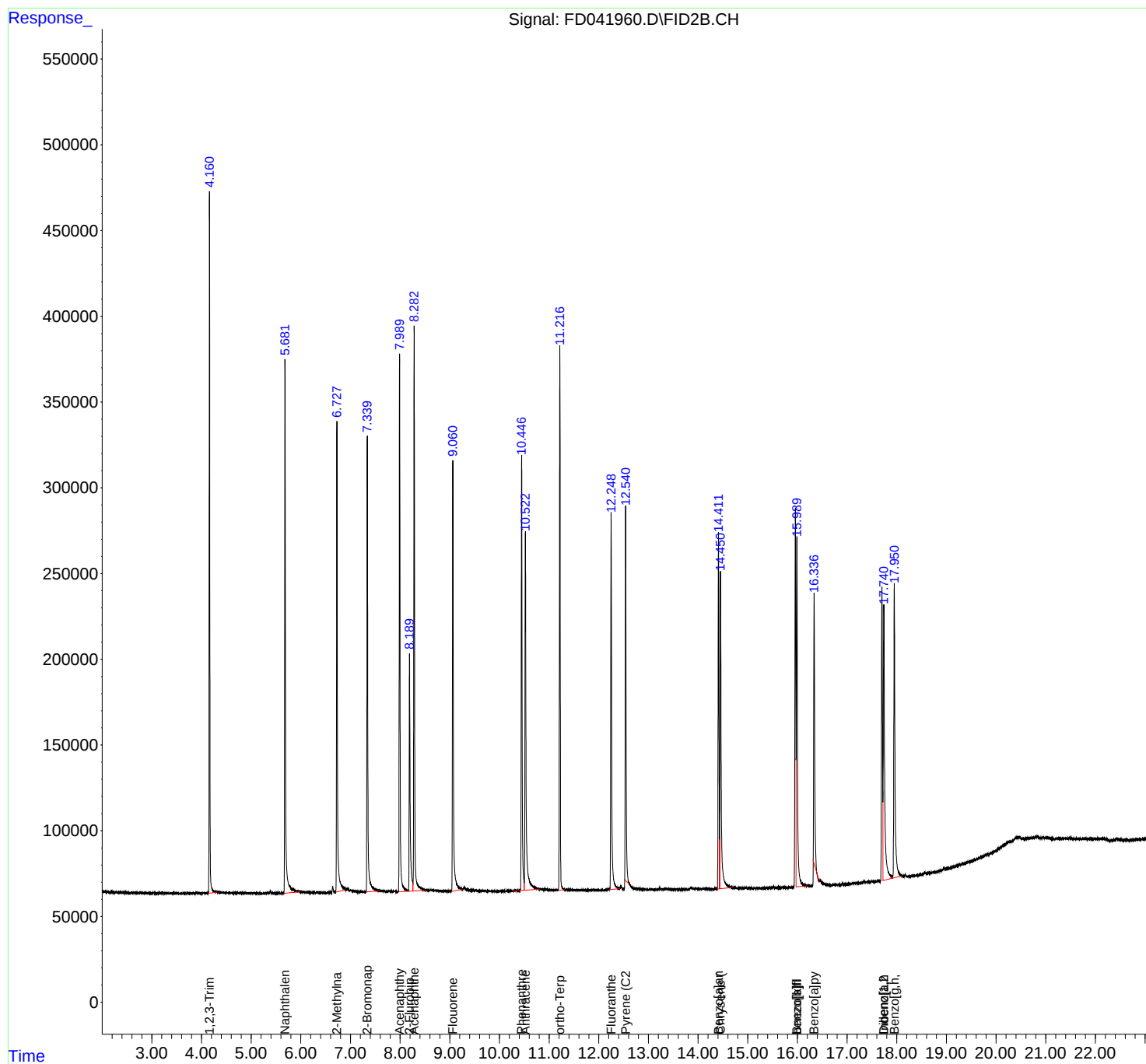
(f)=RT Delta > 1/2 Window

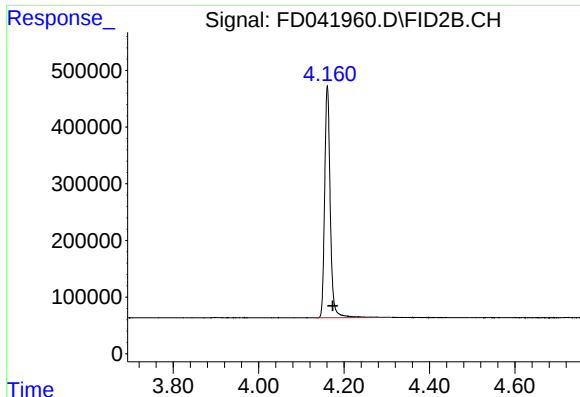
(m)=manual int.

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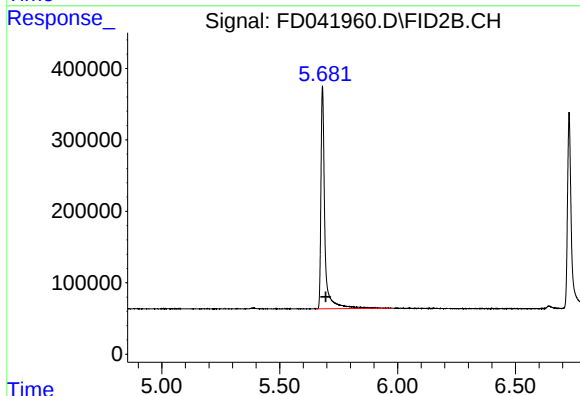
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Signal Info : 20M x 0.18mm x 0.18µm





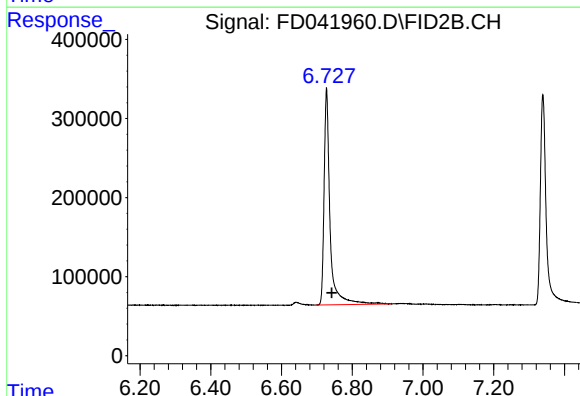
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.161 min
Delta R.T.: -0.012 min
Response: 3724377
Conc: 21.26 ug/ml



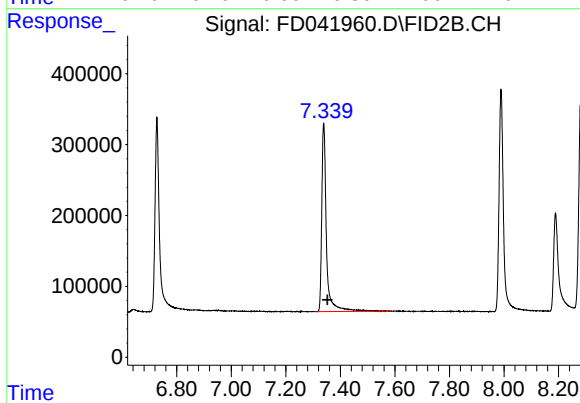
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: -0.014 min
Response: 3626762
Conc: 20.56 ug/ml



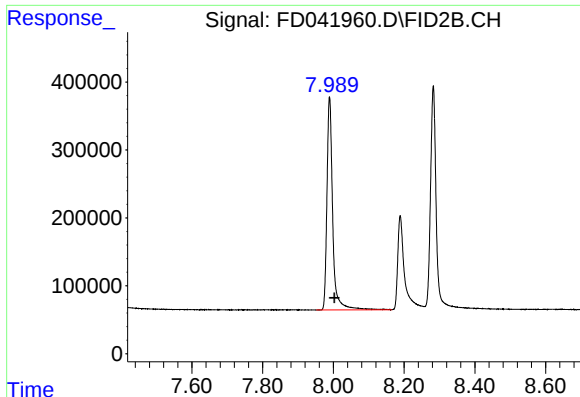
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.014 min
Response: 3207835
Conc: 20.05 ug/ml



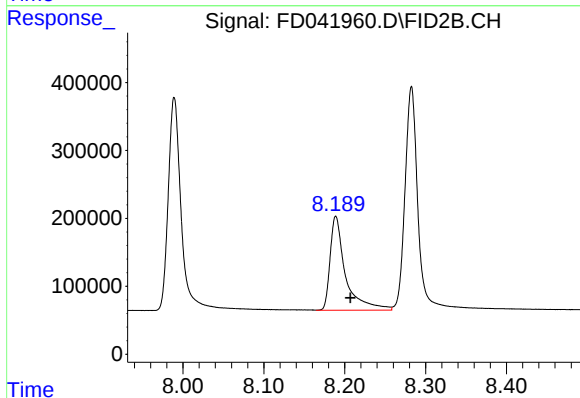
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: -0.014 min
Response: 3179368
Conc: 19.82 ug/ml



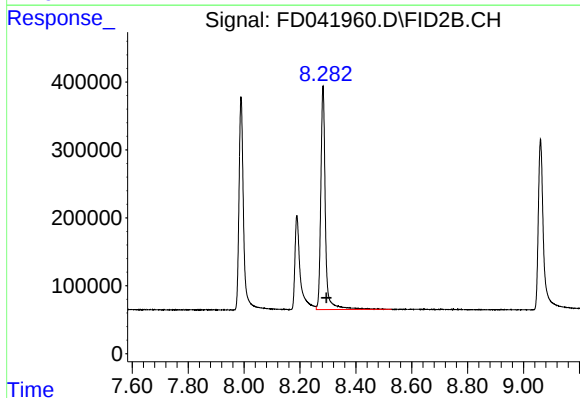
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.014 min
Response: 3551100
Conc: 19.19 ug/ml



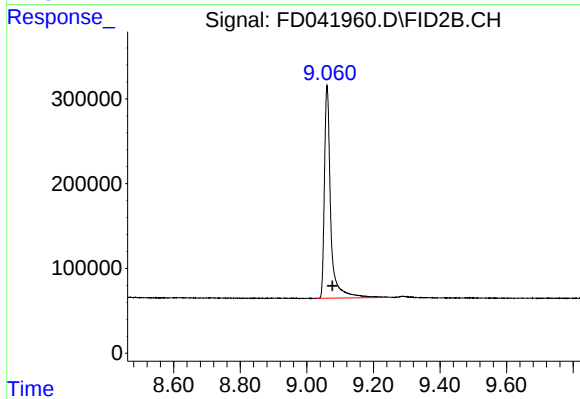
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.018 min
Response: 1835315
Conc: 18.57 ug/ml



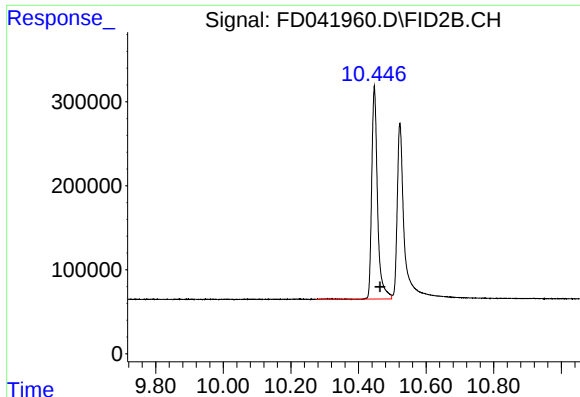
#7 Acenaphthene (C15.5)

R.T.: 8.282 min
Delta R.T.: -0.013 min
Response: 3776732
Conc: 19.67 ug/ml



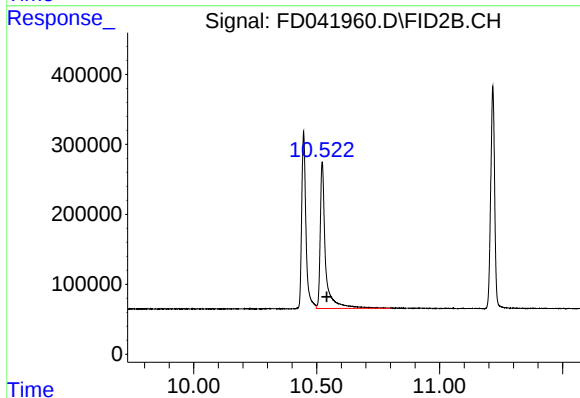
#8 Flouorene (C16.55)

R.T.: 9.061 min
Delta R.T.: -0.016 min
Response: 3302789
Conc: 18.72 ug/ml



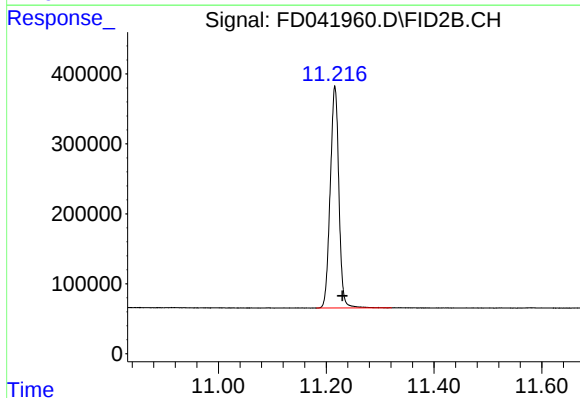
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: -0.017 min
Response: 3027853
Conc: 17.36 ug/ml



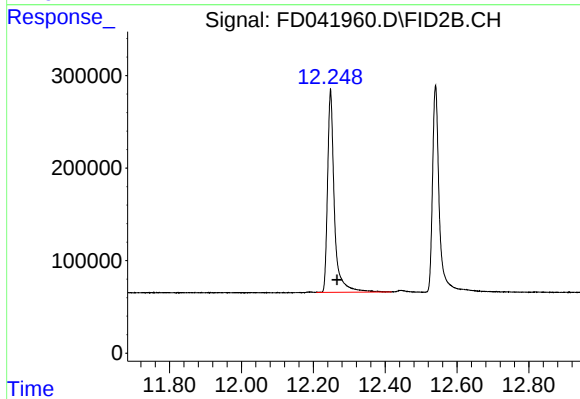
#10 Anthracene (C19.43)

R.T.: 10.523 min
Delta R.T.: -0.018 min
Response: 3146659
Conc: 17.29 ug/ml



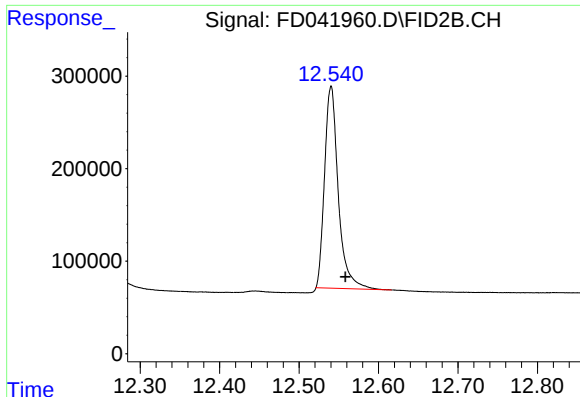
#11 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 3536091
Conc: 18.19 ug/ml



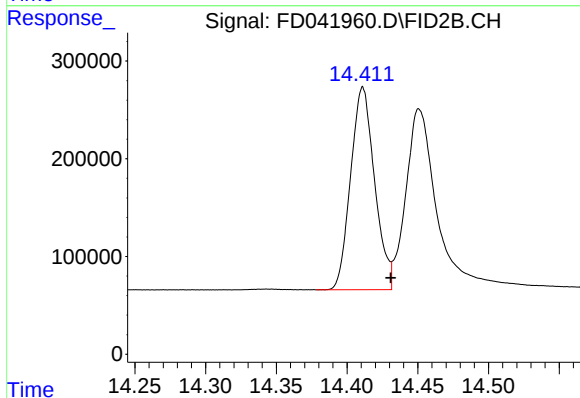
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.018 min
Response: 2882010
Conc: 16.33 ug/ml



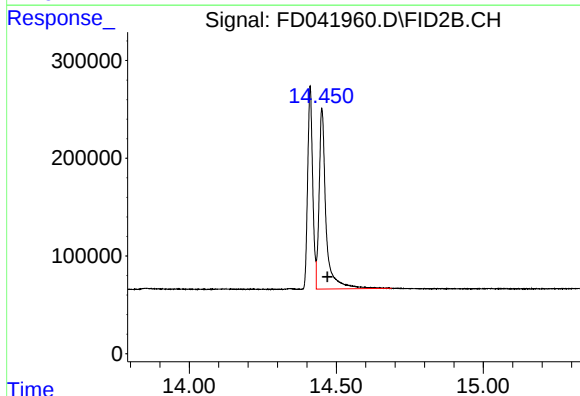
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.018 min
Response: 2612101
Conc: 15.45 ug/ml



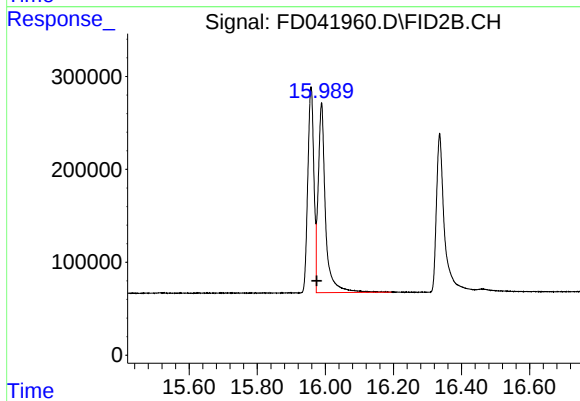
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: -0.020 min
Response: 2439655
Conc: 16.32 ug/ml



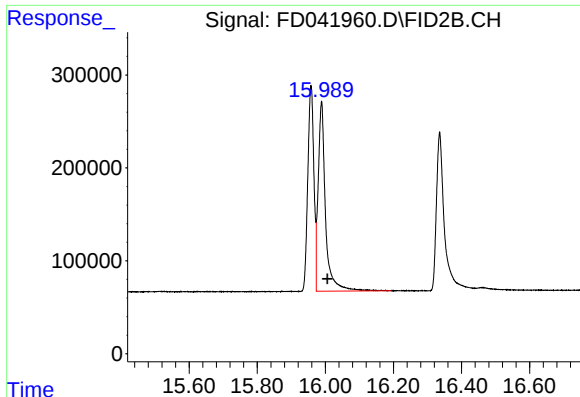
#15 Chrysene (C27.41)

R.T.: 14.451 min
Delta R.T.: -0.019 min
Response: 3037772
Conc: 16.88 ug/ml



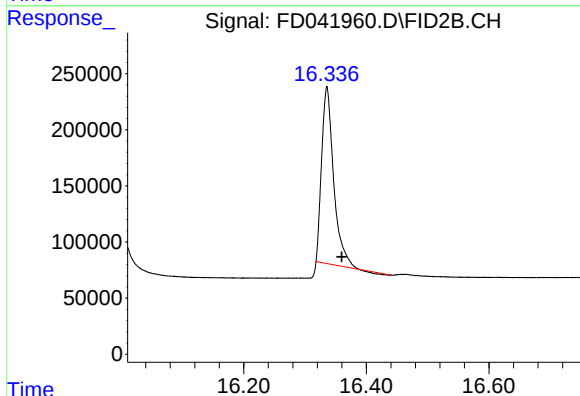
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.989 min
Delta R.T.: 0.014 min
Response: 3040994
Conc: 20.51 ug/ml



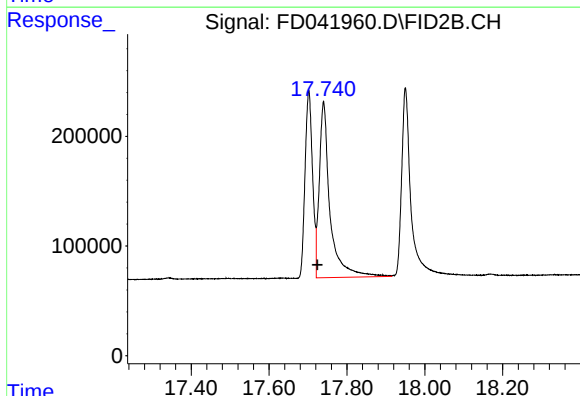
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.989 min
Delta R.T.: -0.017 min
Response: 3040994
Conc: 18.40 ug/ml



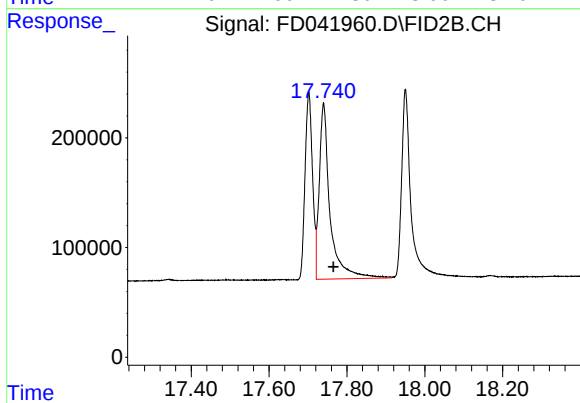
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.024 min
Response: 2126624
Conc: 15.12 ug/ml



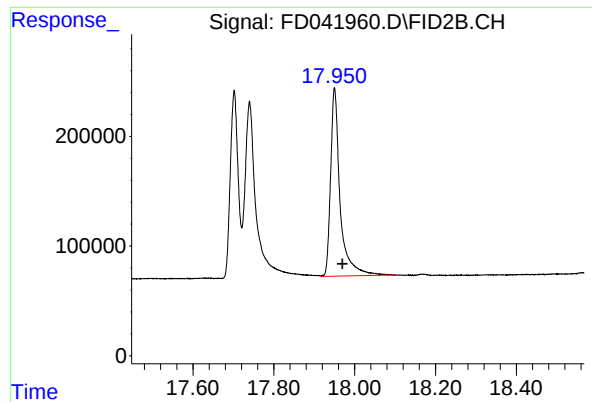
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.016 min
Response: 3086399
Conc: 28.02 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.025 min
Response: 3086399
Conc: 21.32 ug/ml



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

R.T.: 17.950 min
Delta R.T.: -0.019 min
Response: 2802557
Conc: 21.12 ug/ml