

Data Path : P:\HPCHEM1\FID_D\Data\FD040318AR\
 Data File : FD022784.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2018 12:16
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 01:51:27 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 2018
 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...	7.312	1594603	18.434 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
6) S 2-Fluorobiphenyl (SURR)	8.174	987287	18.690 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.38%
11) S ortho-Terphenyl (SURR)	11.190	1976338	18.593 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.122	1650225	16.943 ug/ml
2) T Naphthalene (C11.7)	5.653	1662237	17.900 ug/mlm
3) T 2-Methylnaphthalene (...)	6.702	1665123	18.114 ug/ml
5) T Acenaphthylene (C15.06)	7.967	1879585	18.638 ug/ml
7) T Acenaphthene (C15.5)	8.257	2051164	18.665 ug/ml
8) T Flouorene (C16.55)	9.041	1900352	18.869 ug/ml
9) T Phenanthrene (C19.36)	10.434	1945678	18.488 ug/ml
10) T Anthracene (C19.43)	10.511	1905195	17.756 ug/ml
12) T Fluoranthene (C21.85)	12.243	2085058	18.395 ug/ml
13) T Pyrene (C20.8)	12.536	2137317	19.046 ug/ml
14) T Benzo[a]anthracene (C...	14.415	1869765	18.105 ug/ml
15) T Chrysene (C27.41)	14.458	2109753	18.171 ug/ml
16) T benzo[b]fluoranthene ...	15.974	1806279	17.384 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.006	2292716	18.915 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	1859896	17.466 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	882693	13.182 ug/mlm
20) T Dibenz[a,h]anthracene...	17.766	2132176	17.545 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	1444472	17.517 ug/mlm

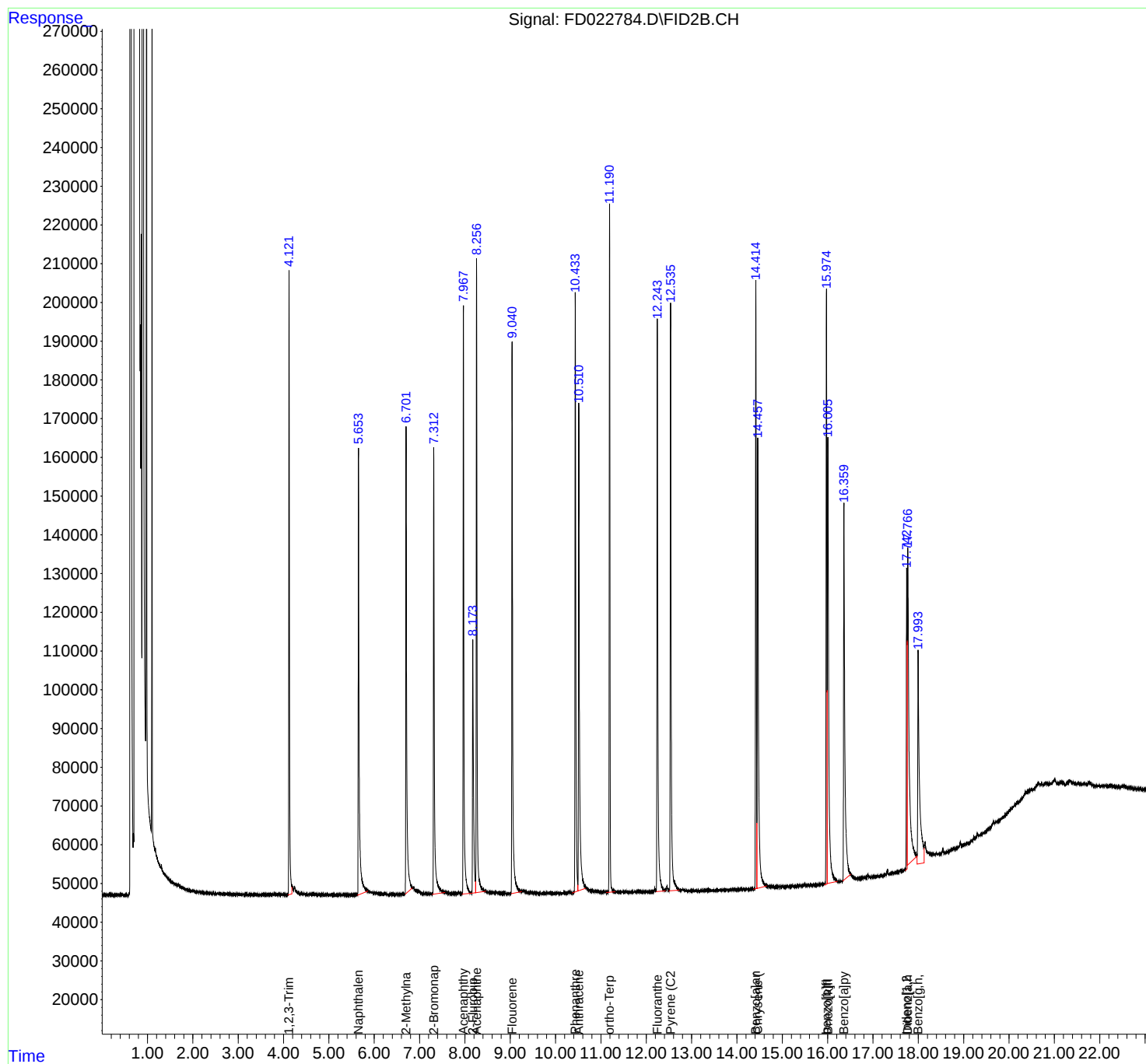
(f)=RT Delta > 1/2 Window

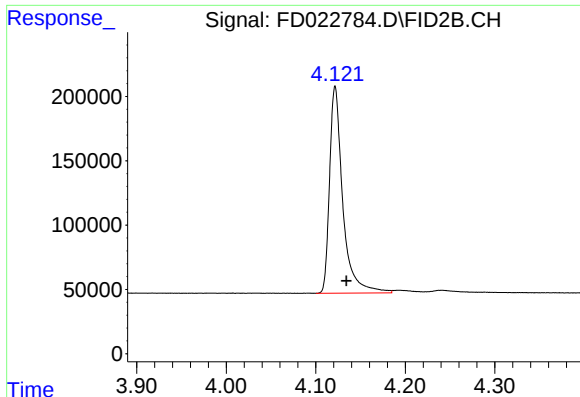
(m)=manual int.

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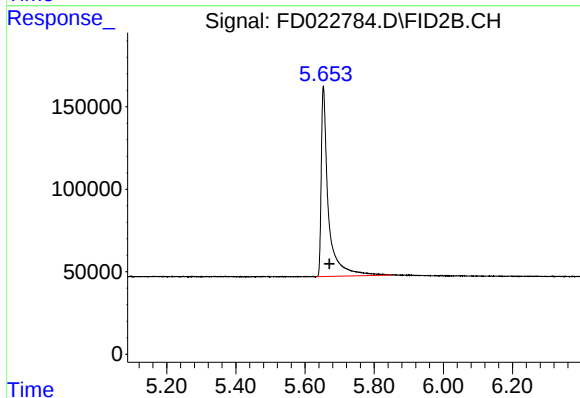
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Signal Info : 20M x 0.18mm x 0.18µm





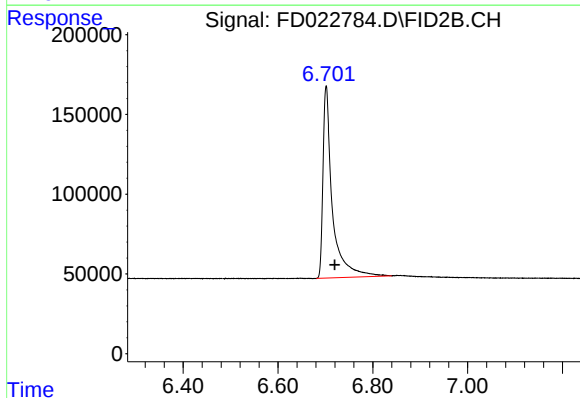
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.122 min
Delta R.T.: -0.013 min
Response: 1650225
Conc: 16.94 ug/ml



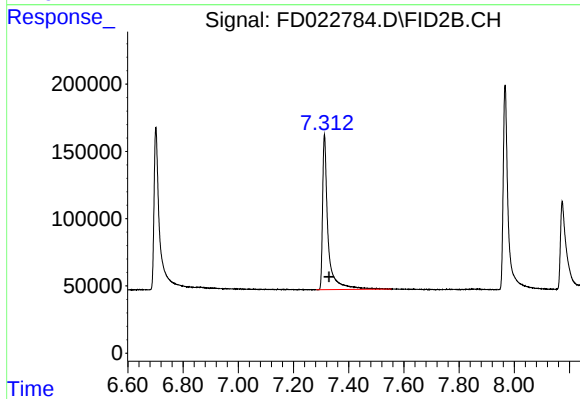
#2 Naphthalene (C11.7)

R.T.: 5.653 min
Delta R.T.: -0.018 min
Response: 1662237
Conc: 17.90 ug/ml m



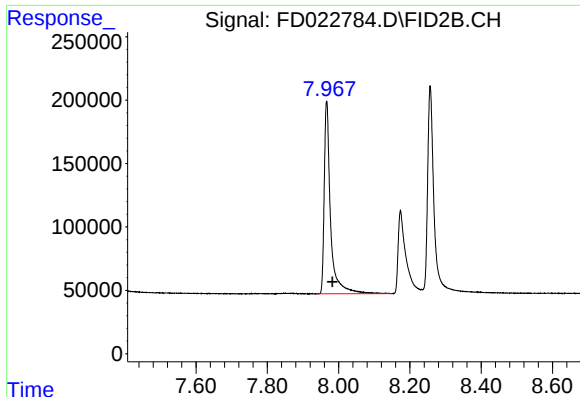
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.702 min
Delta R.T.: -0.018 min
Response: 1665123
Conc: 18.11 ug/ml



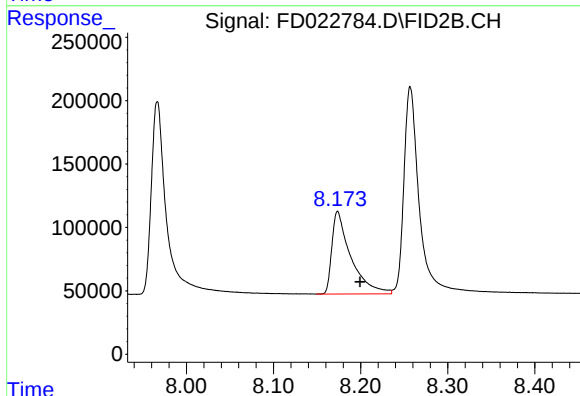
#4 2-Bromonaphthalene (SURR)

R.T.: 7.312 min
Delta R.T.: -0.017 min
Response: 1594603
Conc: 18.43 ug/ml



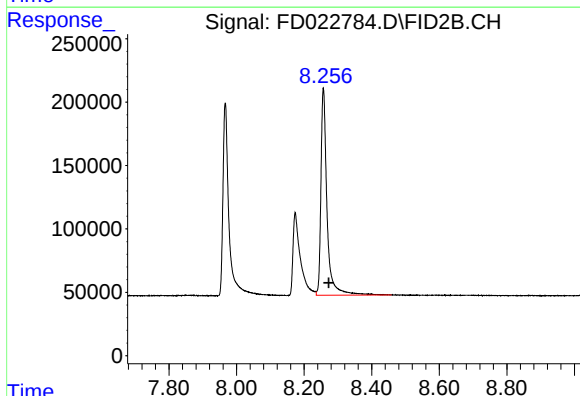
#5 Acenaphthylene (C15.06)

R.T.: 7.967 min
Delta R.T.: -0.016 min
Response: 1879585
Conc: 18.64 ug/ml



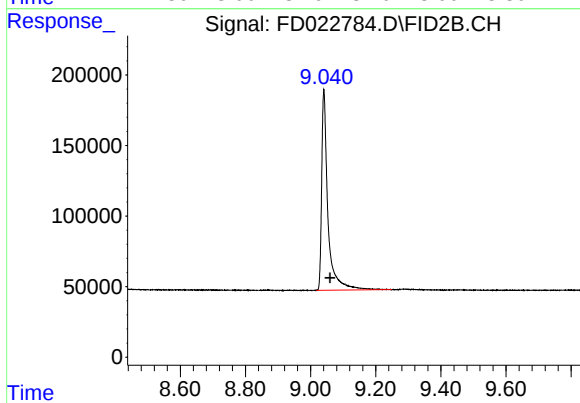
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.174 min
Delta R.T.: -0.026 min
Response: 987287
Conc: 18.69 ug/ml



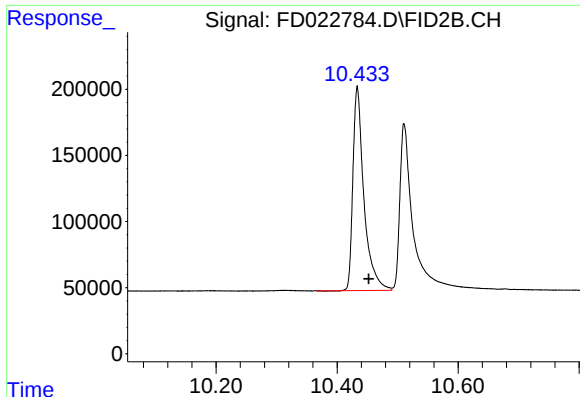
#7 Acenaphthene (C15.5)

R.T.: 8.257 min
Delta R.T.: -0.015 min
Response: 2051164
Conc: 18.67 ug/ml



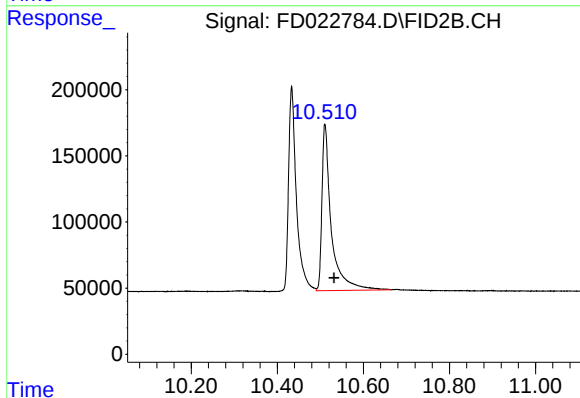
#8 Fluorene (C16.55)

R.T.: 9.041 min
Delta R.T.: -0.019 min
Response: 1900352
Conc: 18.87 ug/ml



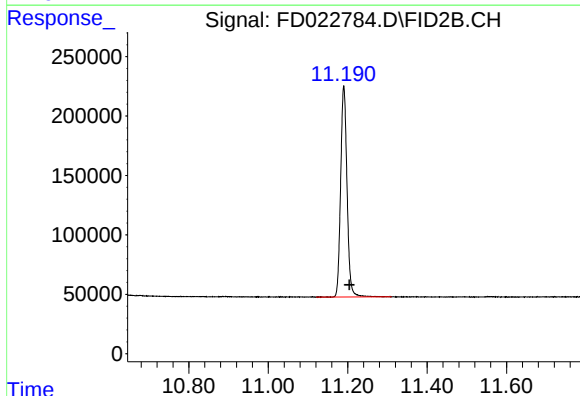
#9 Phenanthrene (C19.36)

R.T.: 10.434 min
Delta R.T.: -0.019 min
Response: 1945678
Conc: 18.49 ug/ml



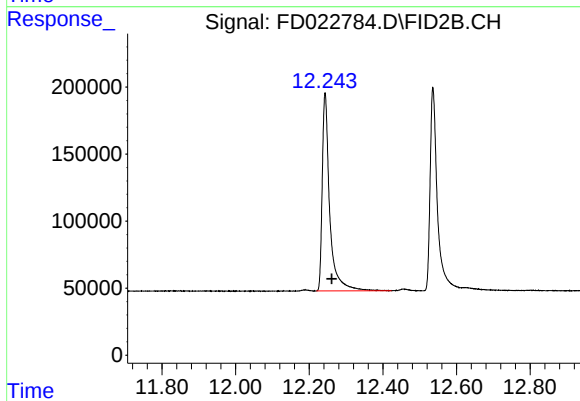
#10 Anthracene (C19.43)

R.T.: 10.511 min
Delta R.T.: -0.021 min
Response: 1905195
Conc: 17.76 ug/ml



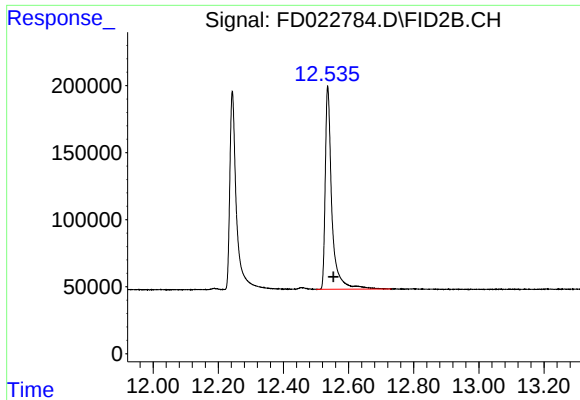
#11 ortho-Terphenyl (SURR)

R.T.: 11.190 min
Delta R.T.: -0.014 min
Response: 1976338
Conc: 18.59 ug/ml



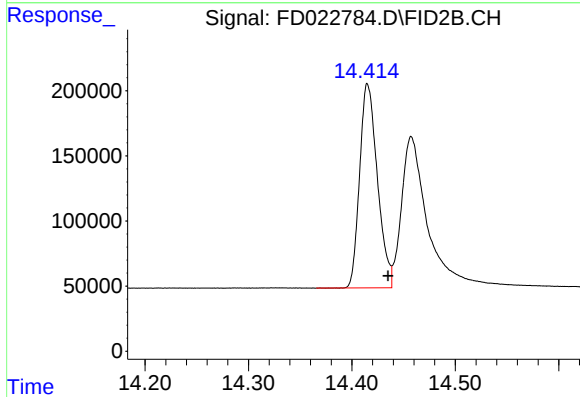
#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.018 min
Response: 2085058
Conc: 18.39 ug/ml



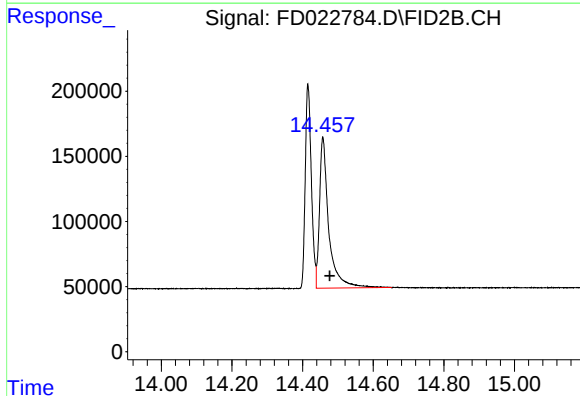
#13 Pyrene (C20.8)

R.T.: 12.536 min
Delta R.T.: -0.017 min
Response: 2137317
Conc: 19.05 ug/ml



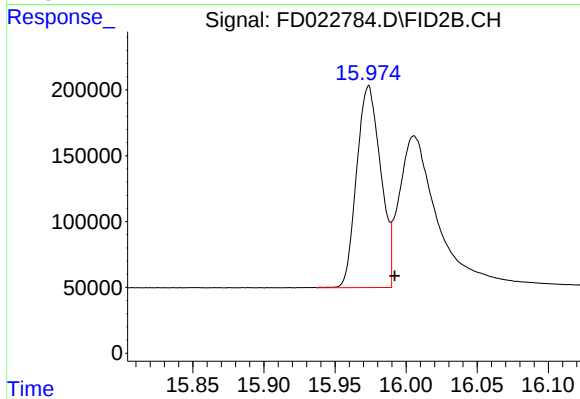
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.415 min
Delta R.T.: -0.020 min
Response: 1869765
Conc: 18.11 ug/ml



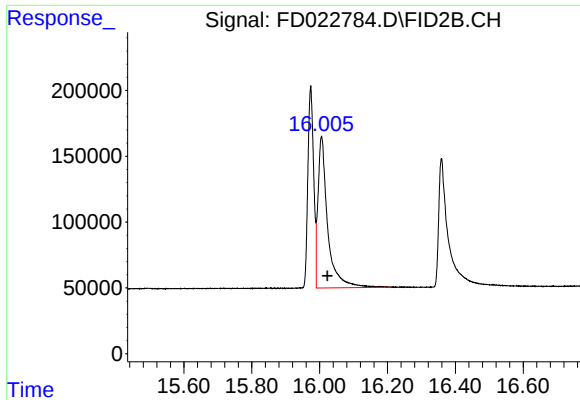
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: -0.020 min
Response: 2109753
Conc: 18.17 ug/ml



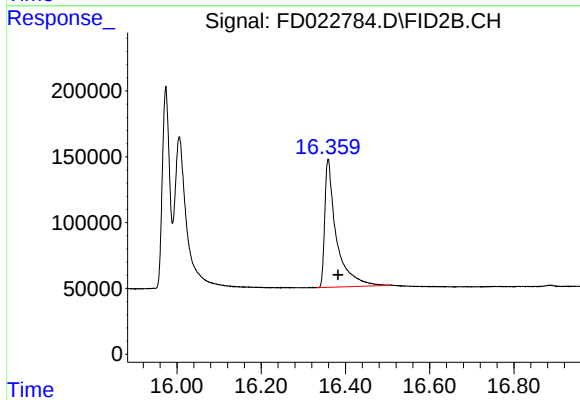
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.974 min
Delta R.T.: -0.018 min
Response: 1806279
Conc: 17.38 ug/ml m



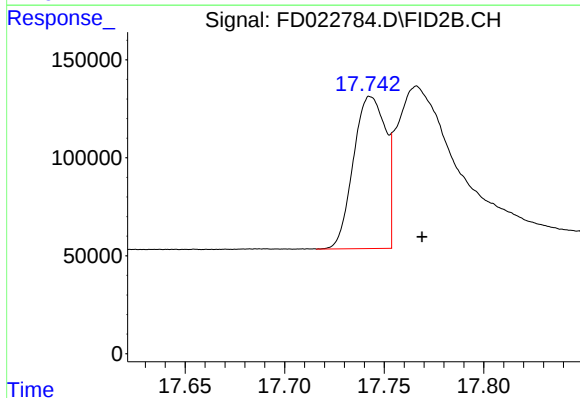
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: -0.017 min
Response: 2292716
Conc: 18.92 ug/ml



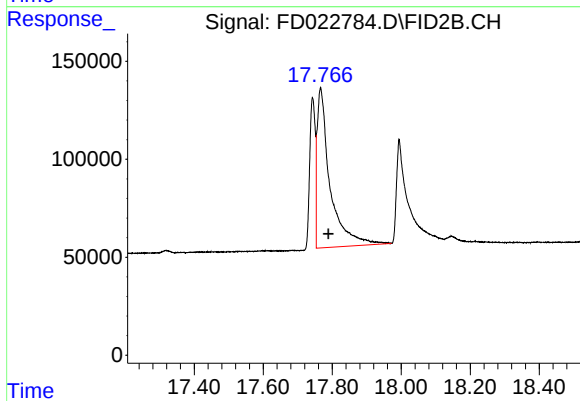
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: -0.024 min
Response: 1859896
Conc: 17.47 ug/ml



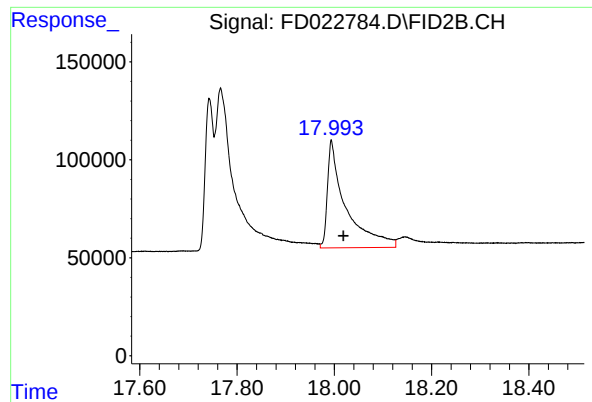
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.027 min
Response: 882693
Conc: 13.18 ug/ml m



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

R.T.: 17.766 min
Delta R.T.: -0.023 min
Response: 2132176
Conc: 17.54 ug/ml



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

R.T.: 17.993 min
Delta R.T.: -0.025 min
Response: 1444472
Conc: 17.52 ug/ml m