

Data Path : P:\HPCHEM1\FID_D\Data\FD040218AR\
 Data File : FD022754.D
 Signal(s) : FID2B.CH
 Acq On : 02 Apr 2018 13:23
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 03 04:08:00 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...	7.316	1583219	18.302 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
6) S 2-Fluorobiphenyl (SURR)	8.176	1014674	19.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.42%
11) S ortho-Terphenyl (SURR)	11.196	1980774	18.635 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.124	1674218	17.190 ug/ml
2) T Naphthalene (C11.7)	5.655	1753404	18.882 ug/mlm
3) T 2-Methylnaphthalene (...)	6.704	1689388	18.378 ug/ml
5) T Acenaphthylene (C15.06)	7.970	1879108	18.634 ug/ml
7) T Acenaphthene (C15.5)	8.262	2041228	18.575 ug/ml
8) T Fluorene (C16.55)	9.045	1911276	18.977 ug/ml
9) T Phenanthrene (C19.36)	10.438	1983305	18.845 ug/ml
10) T Anthracene (C19.43)	10.514	2015466	18.783 ug/ml
12) T Fluoranthene (C21.85)	12.247	2110380	18.618 ug/ml
13) T Pyrene (C20.8)	12.542	2099098	18.705 ug/ml
14) T Benzo[a]anthracene (C...	14.421	1899654	18.395 ug/ml
15) T Chrysene (C27.41)	14.462	2120062	18.260 ug/ml
16) T benzo[b]fluoranthene ...	15.977	1903641	18.321 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.007	2236124	18.448 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	1906252	17.901 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.746	950028	14.188 ug/mlm
20) T Dibenz[a,h]anthracene...	17.771	2201566	18.116 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	1388903	16.843 ug/mlm

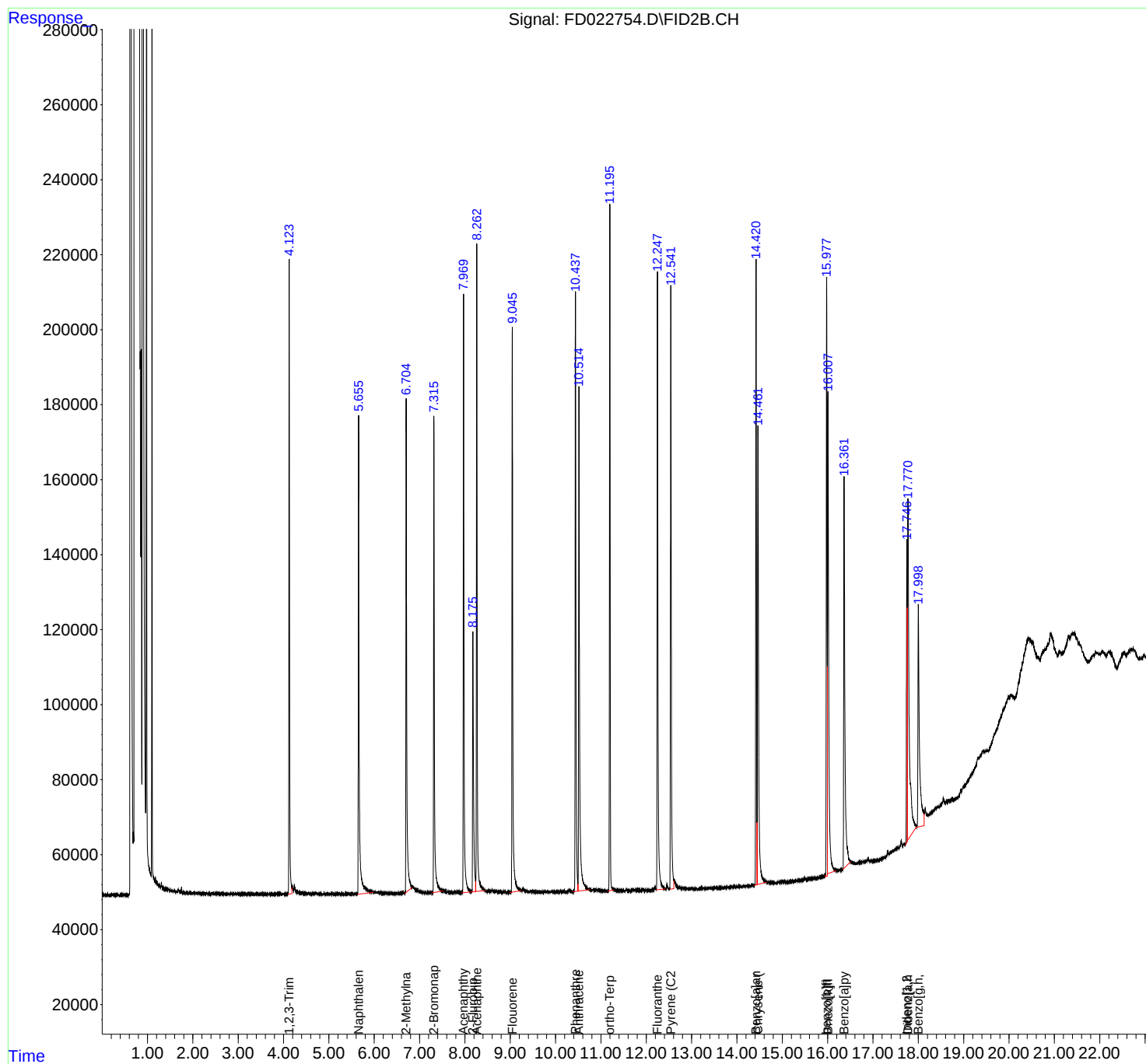
(f)=RT Delta > 1/2 Window

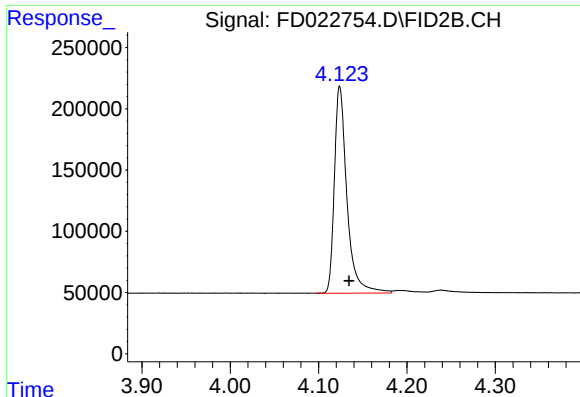
(m)=manual int.

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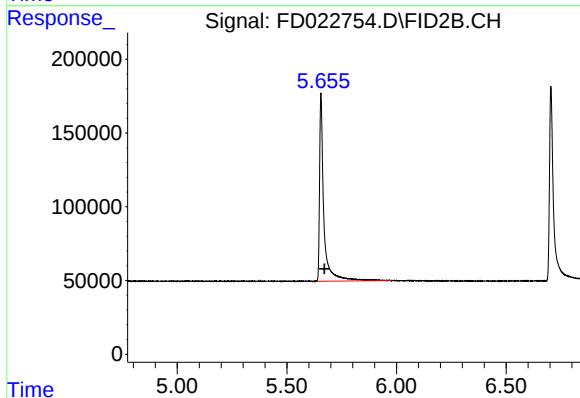
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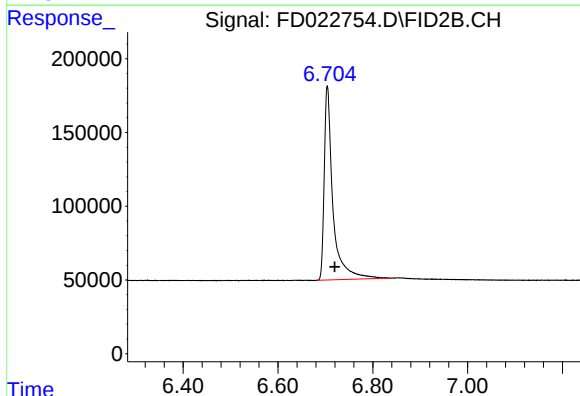
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min
Delta R.T.: -0.010 min
Response: 1674218
Conc: 17.19 ug/ml



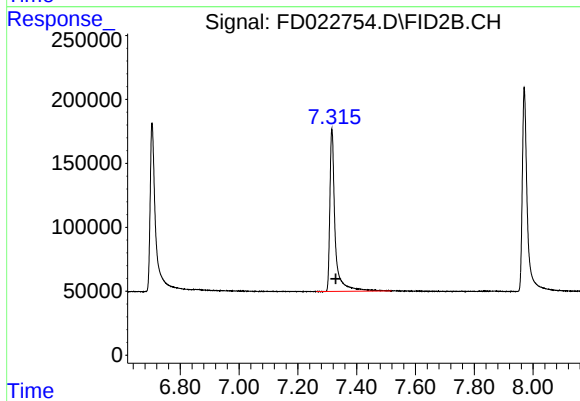
#2 Naphthalene (C11.7)

R.T.: 5.655 min
Delta R.T.: -0.016 min
Response: 1753404
Conc: 18.88 ug/ml m



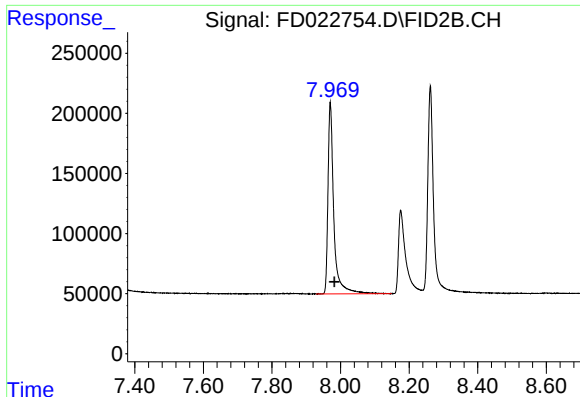
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.704 min
Delta R.T.: -0.016 min
Response: 1689388
Conc: 18.38 ug/ml



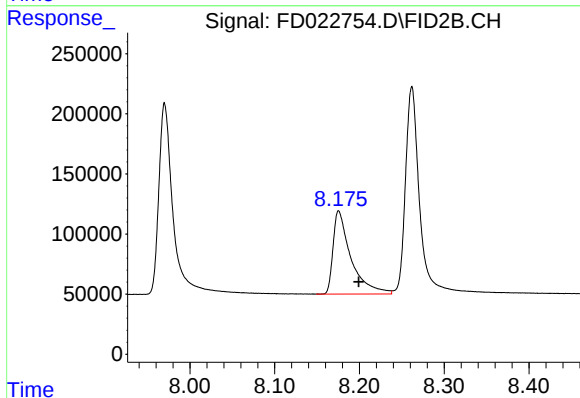
#4 2-Bromonaphthalene (SURR)

R.T.: 7.316 min
Delta R.T.: -0.013 min
Response: 1583219
Conc: 18.30 ug/ml



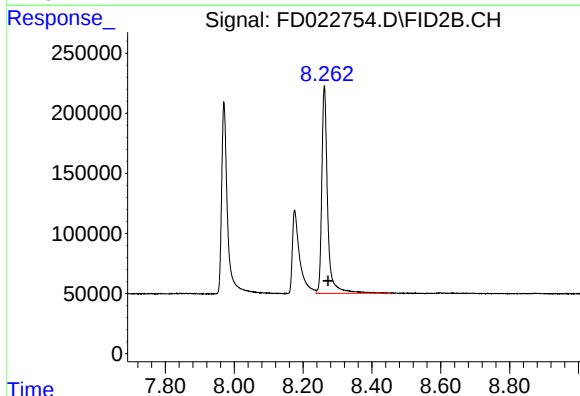
#5 Acenaphthylene (C15.06)

R.T.: 7.970 min
Delta R.T.: -0.012 min
Response: 1879108
Conc: 18.63 ug/ml



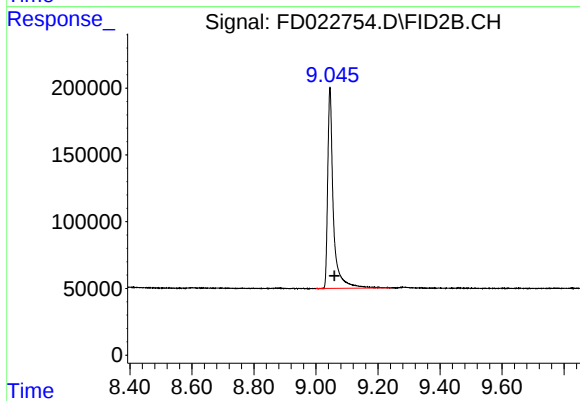
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.176 min
Delta R.T.: -0.024 min
Response: 1014674
Conc: 19.21 ug/ml



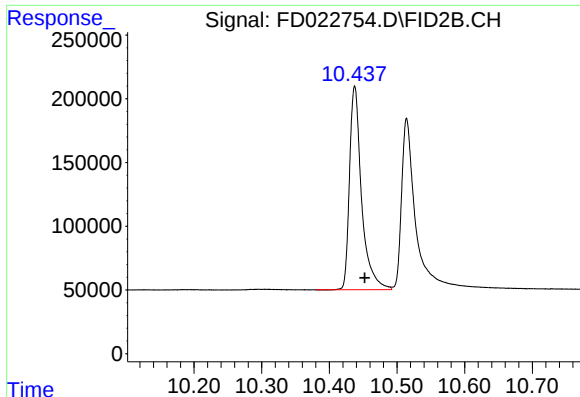
#7 Acenaphthene (C15.5)

R.T.: 8.262 min
Delta R.T.: -0.011 min
Response: 2041228
Conc: 18.57 ug/ml



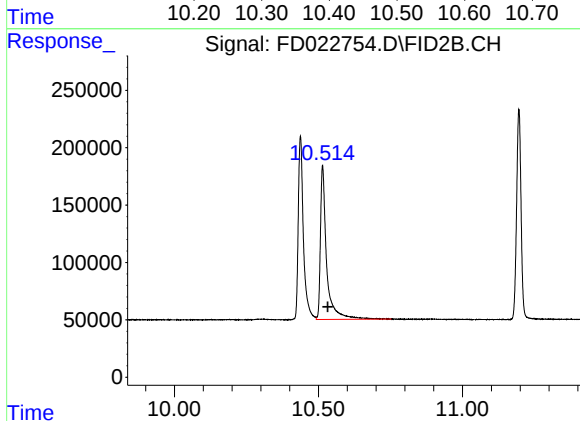
#8 Flouorene (C16.55)

R.T.: 9.045 min
Delta R.T.: -0.014 min
Response: 1911276
Conc: 18.98 ug/ml



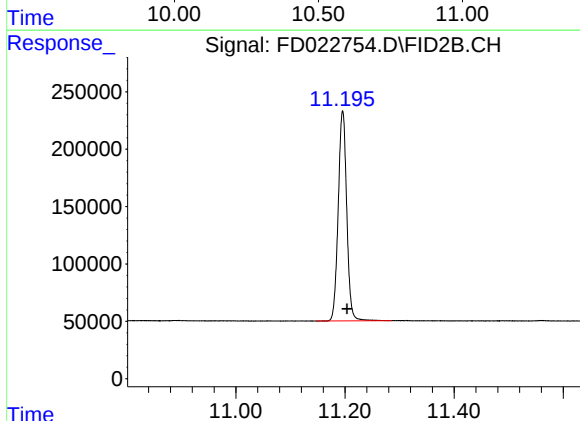
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.015 min
Response: 1983305
Conc: 18.85 ug/ml



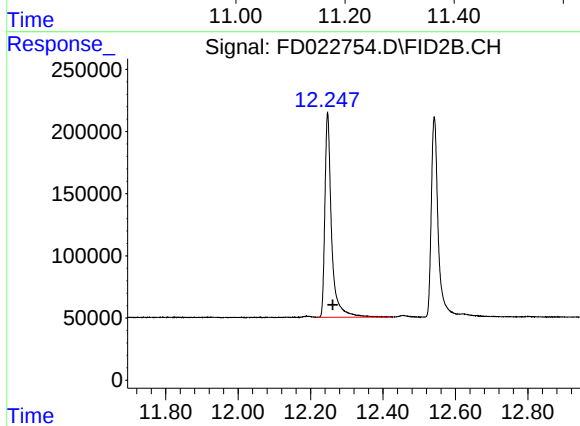
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.017 min
Response: 2015466
Conc: 18.78 ug/ml



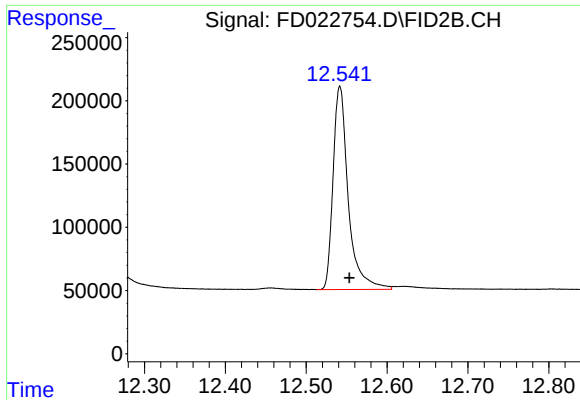
#11 ortho-Terphenyl (SURR)

R.T.: 11.196 min
Delta R.T.: -0.008 min
Response: 1980774
Conc: 18.64 ug/ml



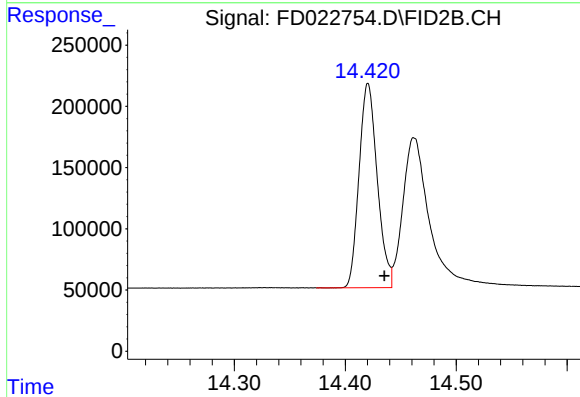
#12 Fluoranthene (C21.85)

R.T.: 12.247 min
Delta R.T.: -0.014 min
Response: 2110380
Conc: 18.62 ug/ml



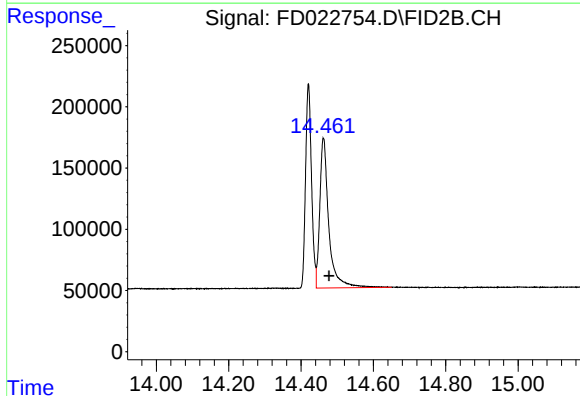
#13 Pyrene (C20.8)

R.T.: 12.542 min
Delta R.T.: -0.012 min
Response: 2099098
Conc: 18.71 ug/ml



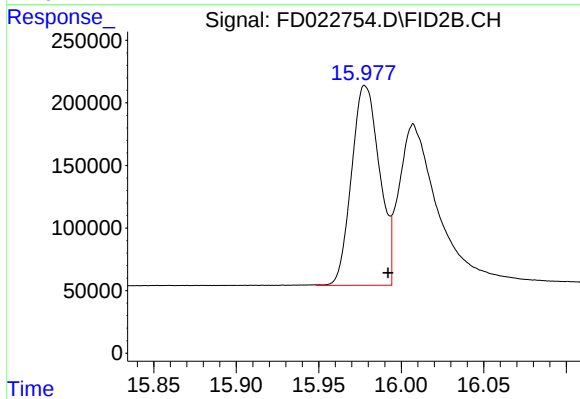
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.015 min
Response: 1899654
Conc: 18.39 ug/ml



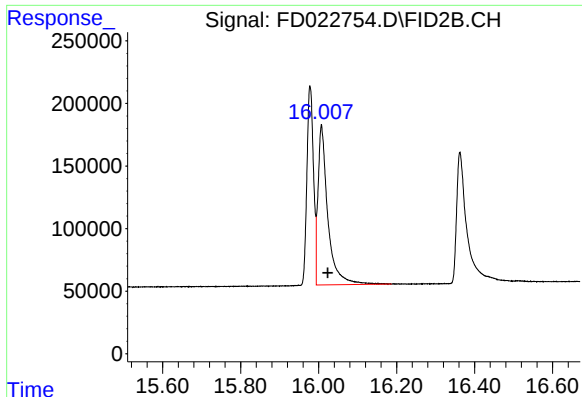
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.015 min
Response: 2120062
Conc: 18.26 ug/ml



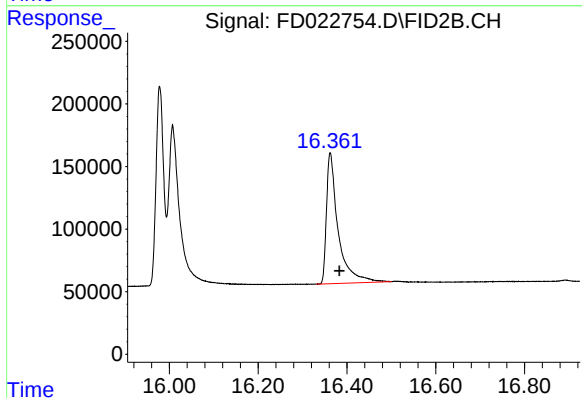
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: -0.015 min
Response: 1903641
Conc: 18.32 ug/ml m



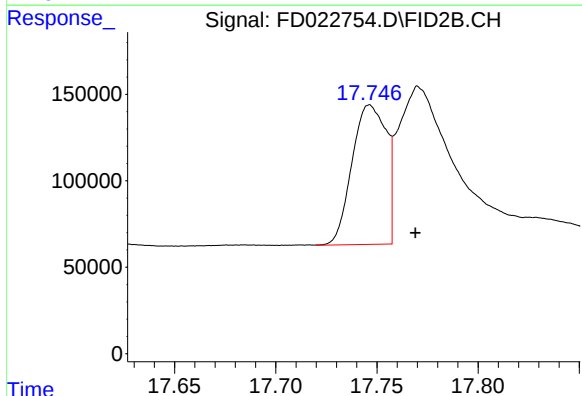
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.007 min
Delta R.T.: -0.016 min
Response: 2236124
Conc: 18.45 ug/ml



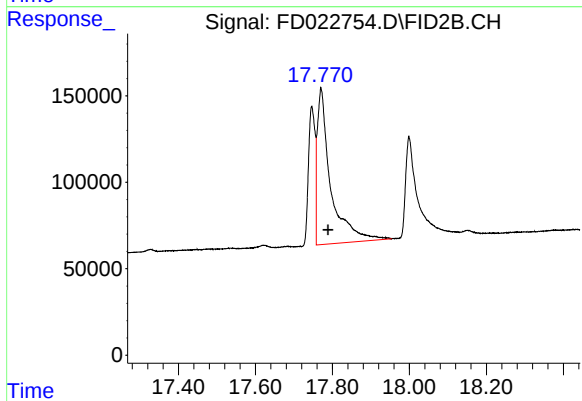
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: -0.020 min
Response: 1906252
Conc: 17.90 ug/ml



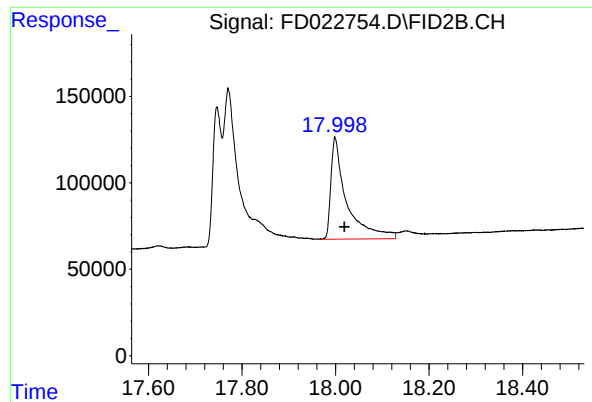
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.746 min
Delta R.T.: -0.023 min
Response: 950028
Conc: 14.19 ug/ml m



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

R.T.: 17.771 min
Delta R.T.: -0.018 min
Response: 2201566
Conc: 18.12 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.021 min
Response: 1388903
Conc: 16.84 ug/ml m