

Data Path : P:\HPCHEM1\FID_D\Data\FD032118AR\
 Data File : FD022602.D
 Signal(s) : FID2B.CH
 Acq On : 21 Mar 2018 11:24
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 03:12:35 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...	7.322	1708626	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
6) S 2-Fluorobiphenyl (SURR)	8.183	1086208	20.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.202	2081038	19.578 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.131	1767445	18.147 ug/ml
2) T Naphthalene (C11.7)	5.662	1816019	19.556 ug/ml
3) T 2-Methylnaphthalene (...)	6.711	1820302	19.803 ug/ml
5) T Acenaphthylene (C15.06)	7.977	2002199	19.854 ug/ml
7) T Acenaphthene (C15.5)	8.269	2176298	19.804 ug/ml
8) T Fluorene (C16.55)	9.050	2035330	20.209 ug/ml
9) T Phenanthrene (C19.36)	10.443	2078682	19.751 ug/ml
10) T Anthracene (C19.43)	10.520	2092749	19.504 ug/ml
12) T Fluoranthene (C21.85)	12.253	2212006	19.515 ug/ml
13) T Pyrene (C20.8)	12.547	2201224	19.616 ug/ml
14) T Benzo[a]anthracene (C...	14.426	2025540	19.614 ug/ml
15) T Chrysene (C27.41)	14.468	2249543	19.375 ug/ml
16) T benzo[b]fluoranthene ...	15.984	2044007	19.672 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	2347910	19.370 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2089345	19.621 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	1427621	21.320 ug/mlm
20) T Dibenz[a,h]anthracene...	17.775	2416621	19.885 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	1617889	19.620 ug/ml

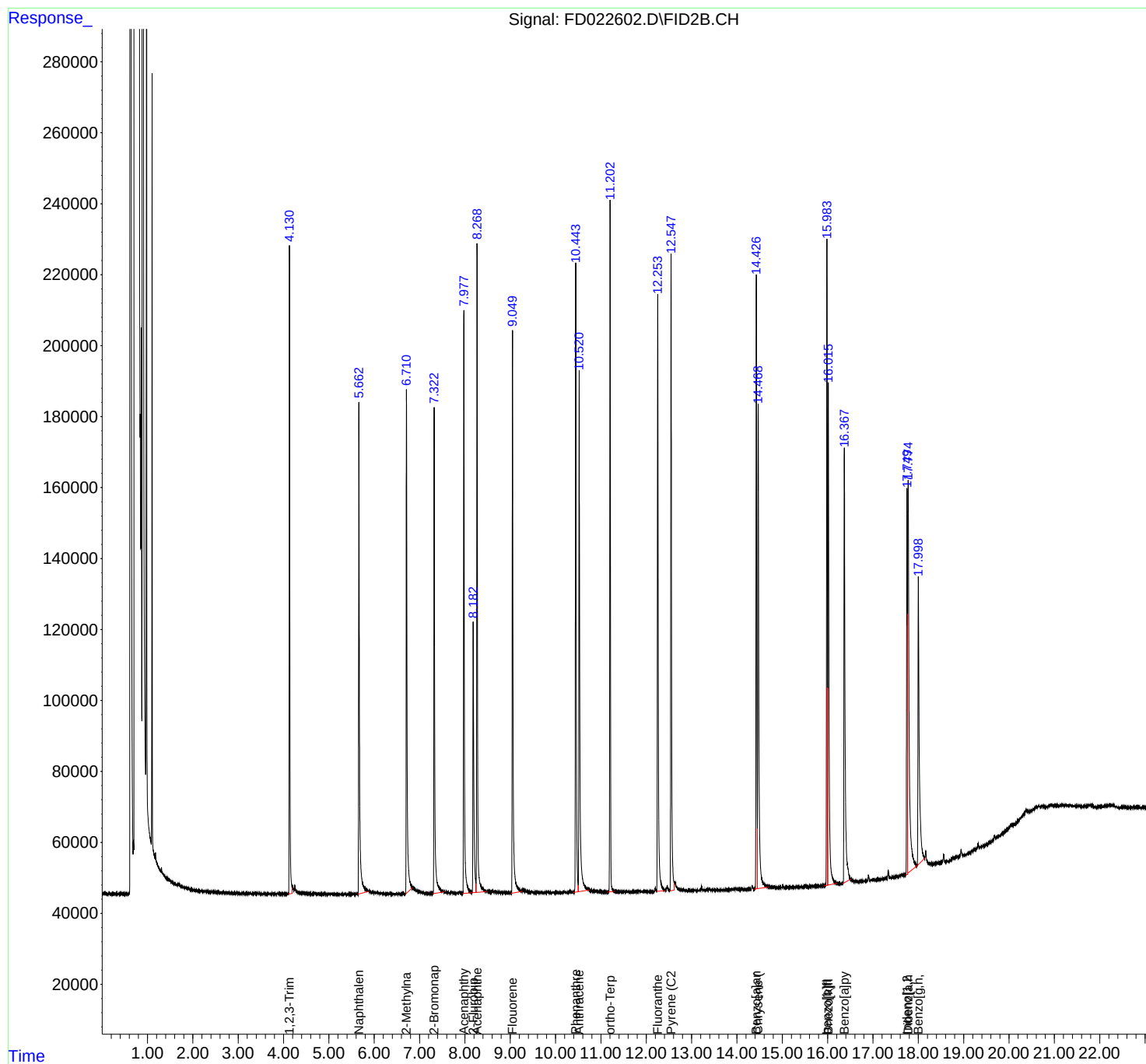
(f)=RT Delta > 1/2 Window

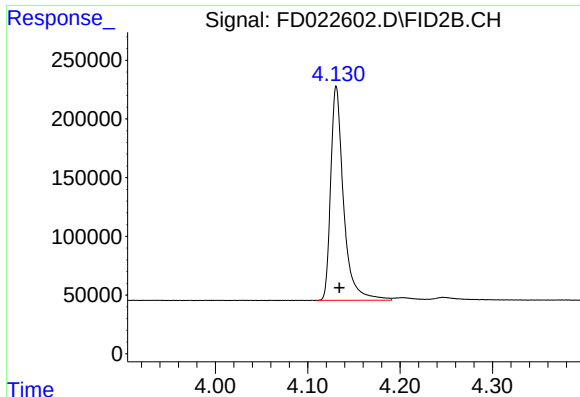
(m)=manual int.

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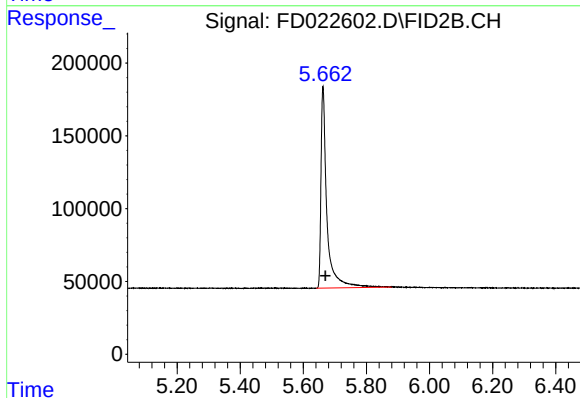
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





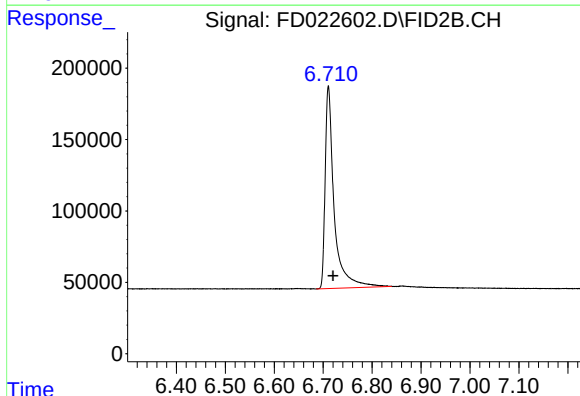
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 1767445
Conc: 18.15 ug/ml



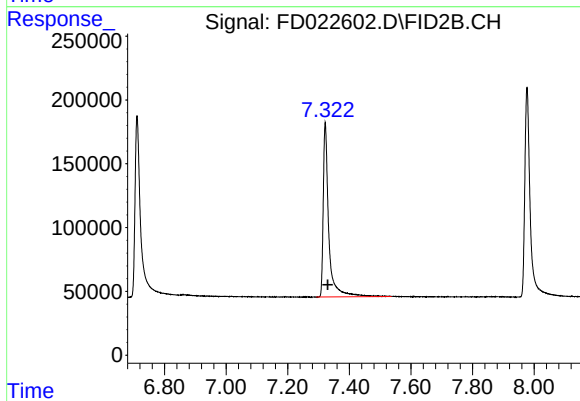
#2 Naphthalene (C11.7)

R.T.: 5.662 min
Delta R.T.: -0.008 min
Response: 1816019
Conc: 19.56 ug/ml



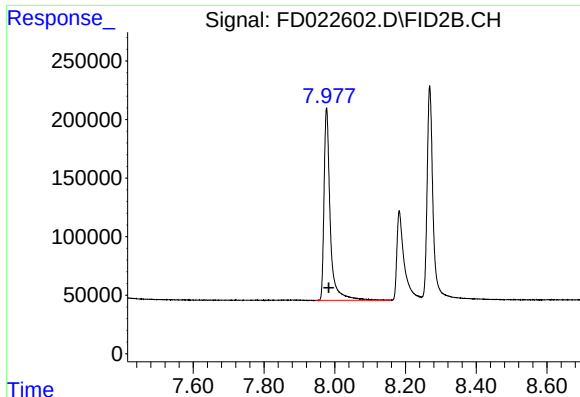
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: -0.009 min
Response: 1820302
Conc: 19.80 ug/ml



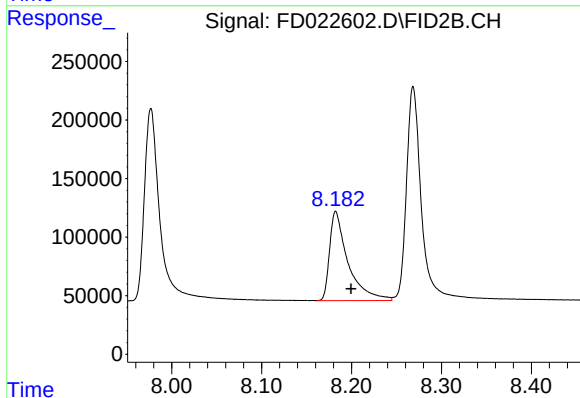
#4 2-Bromonaphthalene (SURR)

R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 1708626
Conc: 19.75 ug/ml



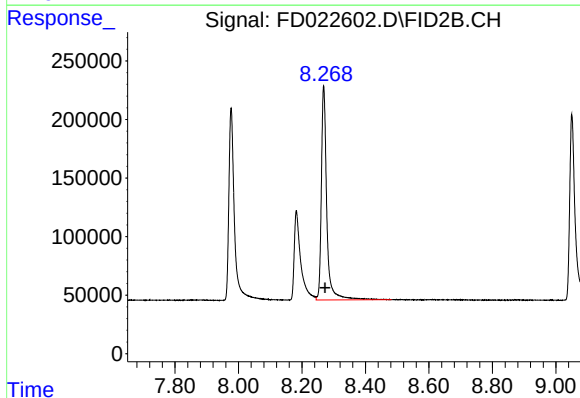
#5 Acenaphthylene (C15.06)

R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 2002199
Conc: 19.85 ug/ml



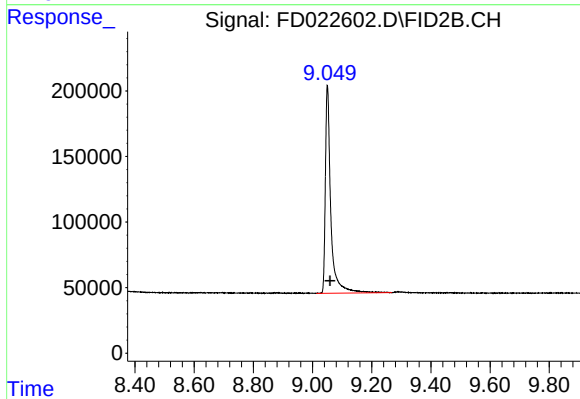
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.183 min
Delta R.T.: -0.017 min
Response: 1086208
Conc: 20.56 ug/ml



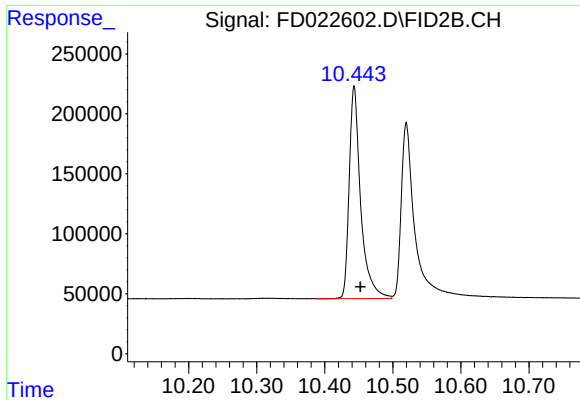
#7 Acenaphthene (C15.5)

R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 2176298
Conc: 19.80 ug/ml



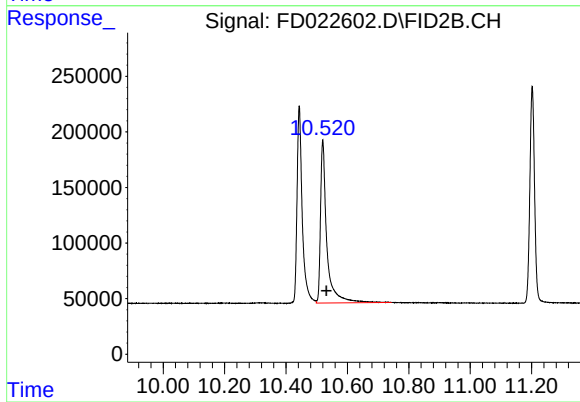
#8 Fluorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.009 min
Response: 2035330
Conc: 20.21 ug/ml



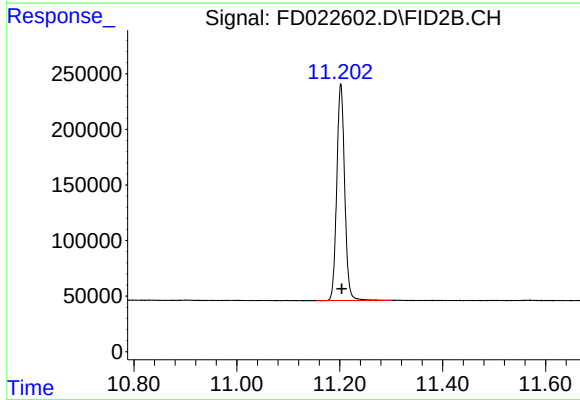
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.009 min
Response: 2078682
Conc: 19.75 ug/ml



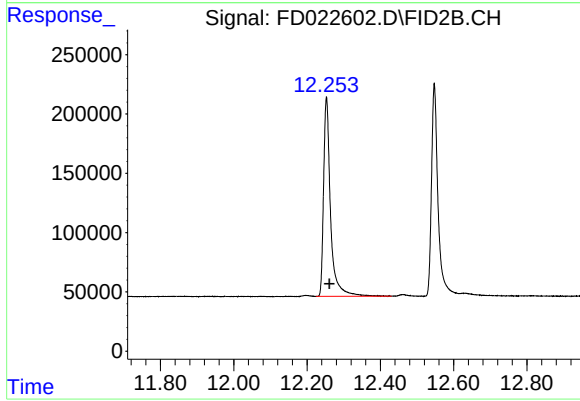
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.012 min
Response: 2092749
Conc: 19.50 ug/ml



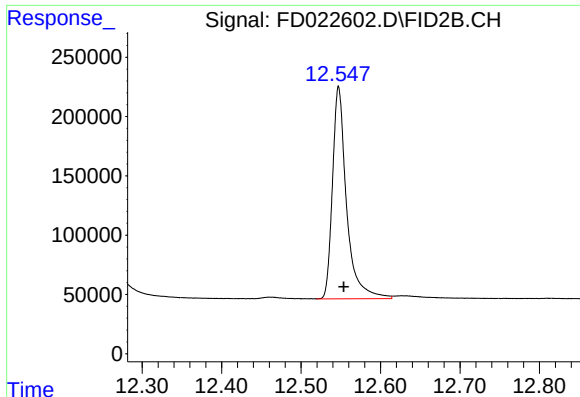
#11 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.002 min
Response: 2081038
Conc: 19.58 ug/ml



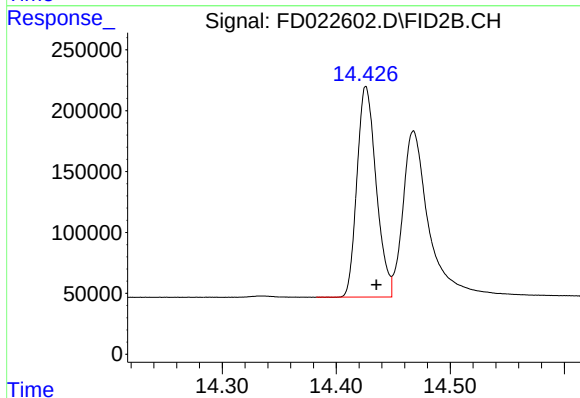
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.008 min
Response: 2212006
Conc: 19.51 ug/ml



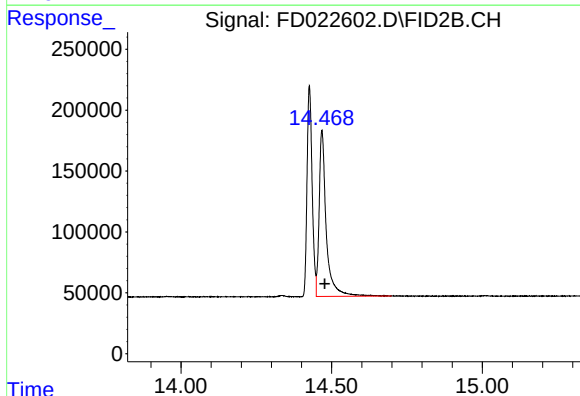
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.006 min
Response: 2201224
Conc: 19.62 ug/ml



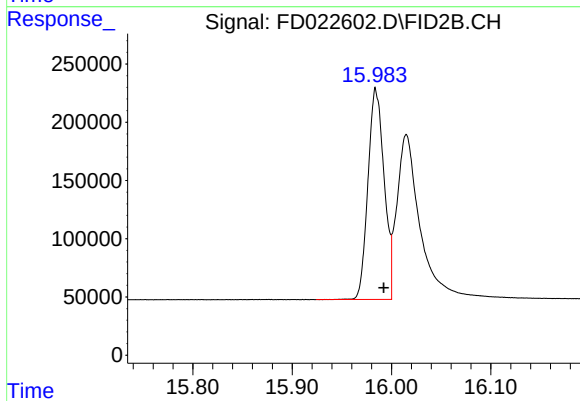
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.009 min
Response: 2025540
Conc: 19.61 ug/ml



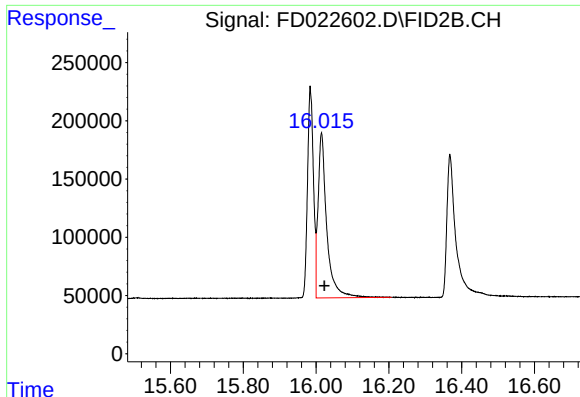
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.009 min
Response: 2249543
Conc: 19.37 ug/ml



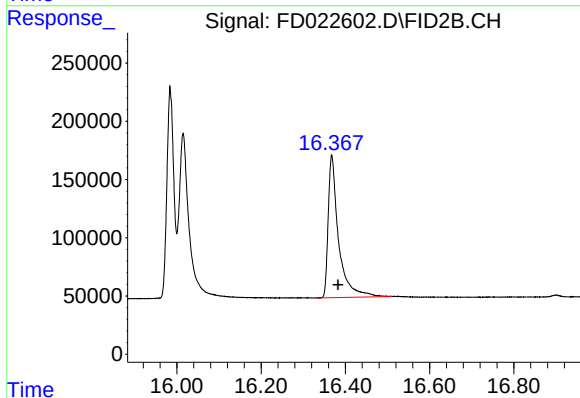
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.984 min
Delta R.T.: -0.008 min
Response: 2044007
Conc: 19.67 ug/ml



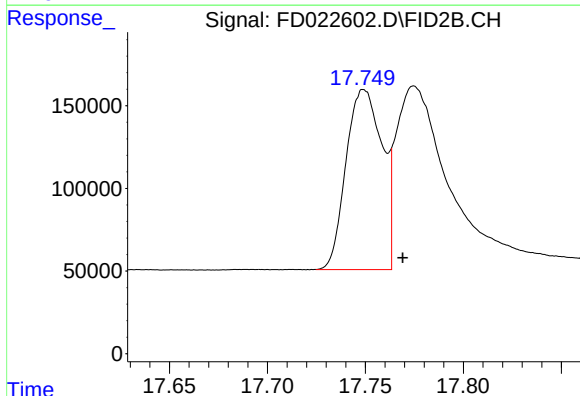
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.015 min
Delta R.T.: -0.008 min
Response: 2347910
Conc: 19.37 ug/ml



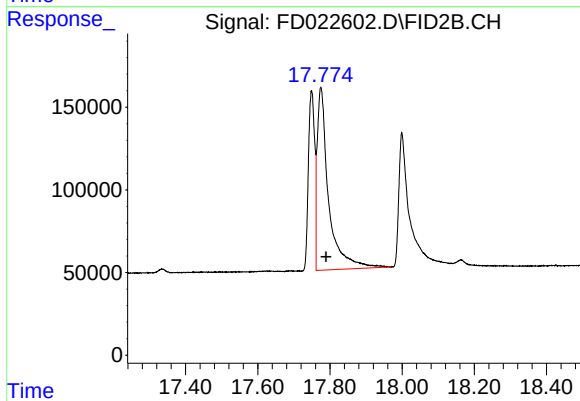
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.015 min
Response: 2089345
Conc: 19.62 ug/ml



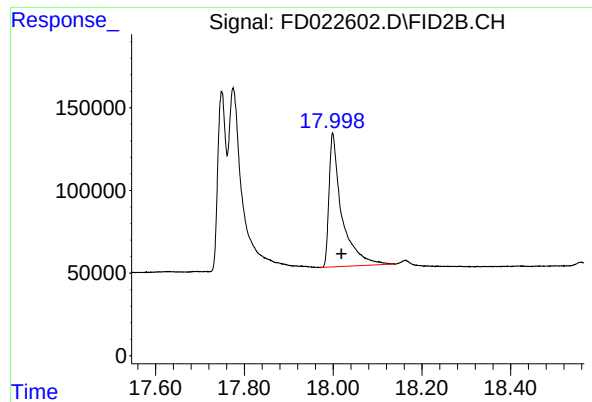
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.020 min
Response: 1427621
Conc: 21.32 ug/ml m



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

R.T.: 17.775 min
Delta R.T.: -0.014 min
Response: 2416621
Conc: 19.89 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.019 min
Response: 1617889
Conc: 19.62 ug/ml