

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041219AR\
 Data File : FD028855.D
 Signal(s) : FID2B.CH
 Acq On : 12 Apr 2019 22:26
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 01:53:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.095	1707745	18.000 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
6) S 2-Fluorobiphenyl (SURR)	7.961	1166252	17.889 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.78%
11) S ortho-Terphenyl (SURR)	11.000	2000232	17.977 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.919	1873120	19.148 ug/ml
2) T Naphthalene (C11.7)	5.441	1977339	18.560 ug/ml
3) T 2-Methylnaphthalene (...)	6.489	1947099	18.200 ug/ml
5) T Acenaphthylene (C15.06)	7.765	1857024	17.933 ug/ml
7) T Acenaphthene (C15.5)	8.061	1944526	17.926 ug/ml
8) T Flouorene (C16.55)	8.841	1941132	17.855 ug/ml
9) T Phenanthrene (C19.36)	10.238	1970298	18.195 ug/ml
10) T Anthracene (C19.43)	10.312	1940754	18.066 ug/ml
12) T Fluoranthene (C21.85)	12.048	2070378	19.150 ug/ml
13) T Pyrene (C20.8)	12.346	2082900	19.342 ug/ml
14) T Benzo[a]anthracene (C...	14.255	2111485	20.139 ug/ml
15) T Chrysene (C27.41)	14.255	2111485	20.166 ug/ml
16) T benzo[b]fluoranthene ...	15.793	2159722	19.926 ug/ml
17) T Bnezo[k]fluoranthene ...	15.793	2159722	20.125 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.140	2163682	19.997 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.538	2166402	19.603 ug/ml
20) T Dibenz[a,h]anthracene...	17.538	2166402	20.153 ug/ml
21) T Benzo[g,h,i]perylene ...	17.757	2161284	19.943 ug/ml

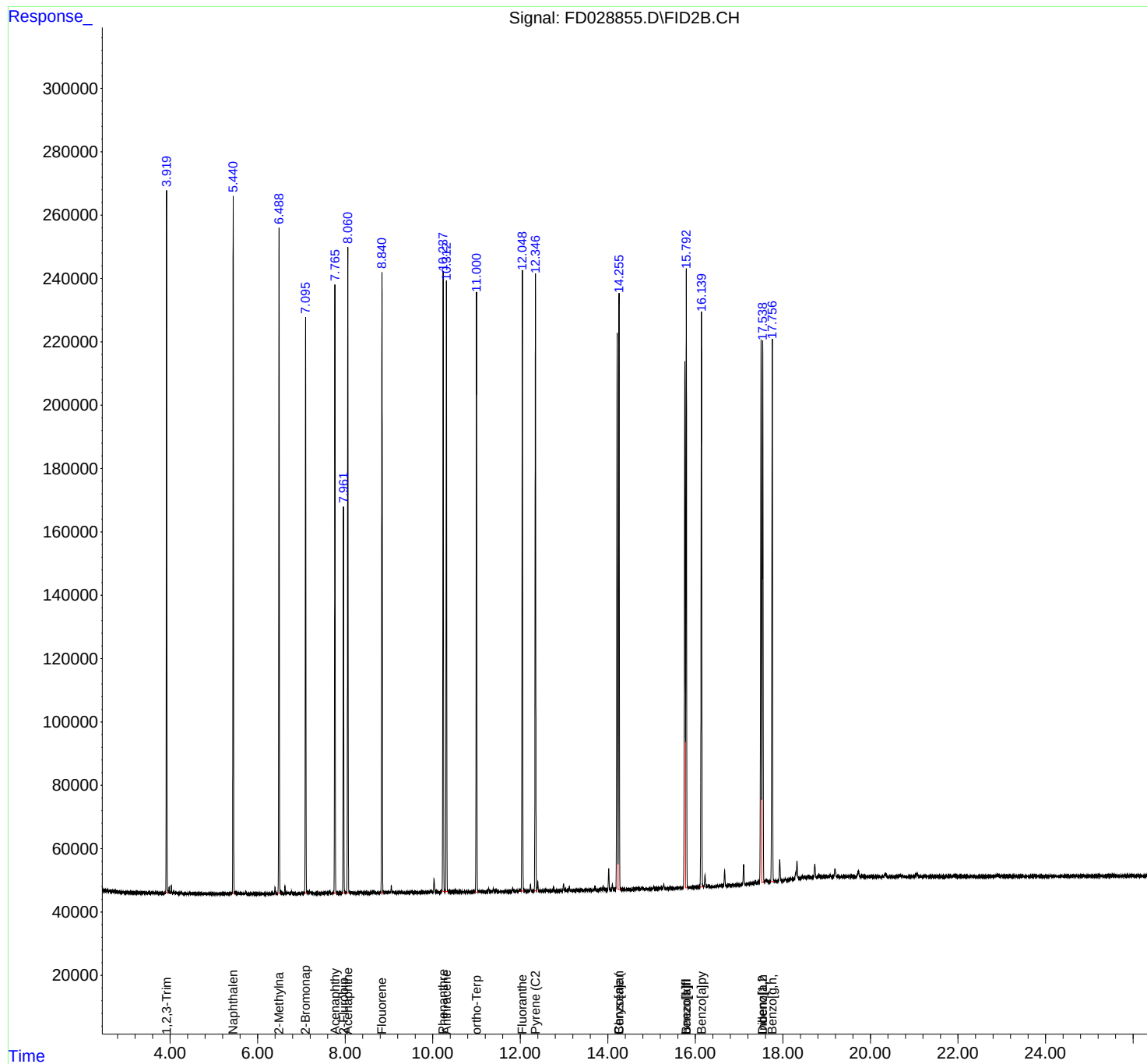
(f)=RT Delta > 1/2 Window

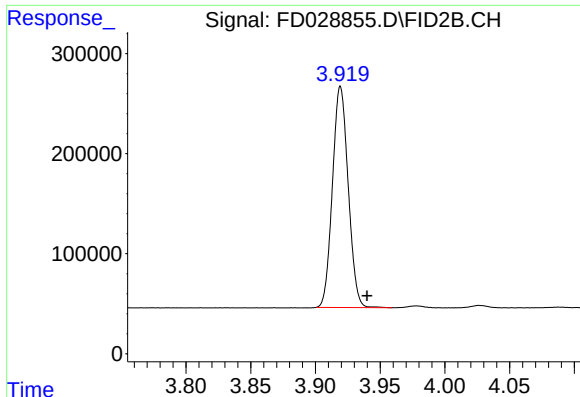
(m)=manual int.

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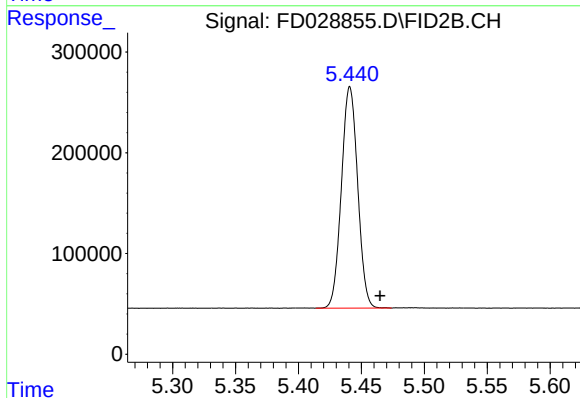
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Signal Info : 20M x 0.18mm x 0.18µm





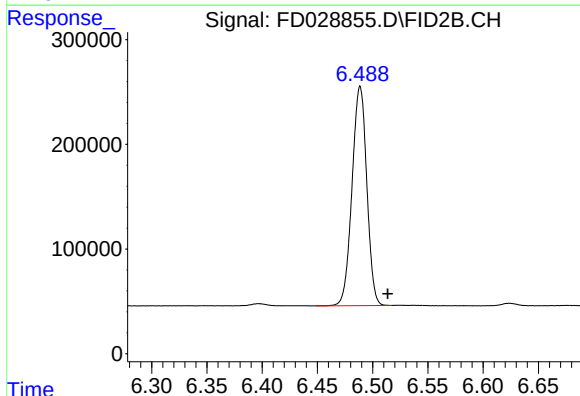
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.919 min
Delta R.T.: -0.021 min
Response: 1873120
Conc: 19.15 ug/ml



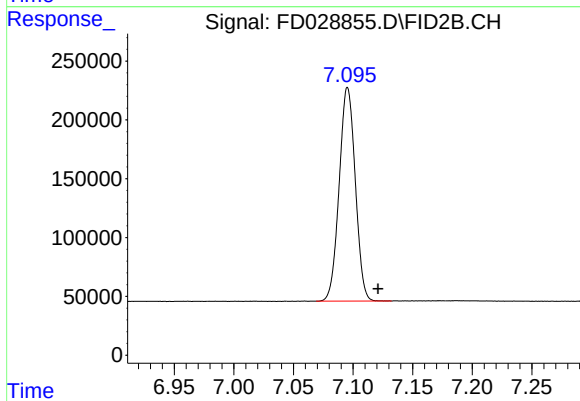
#2 Naphthalene (C11.7)

R.T.: 5.441 min
Delta R.T.: -0.024 min
Response: 1977339
Conc: 18.56 ug/ml



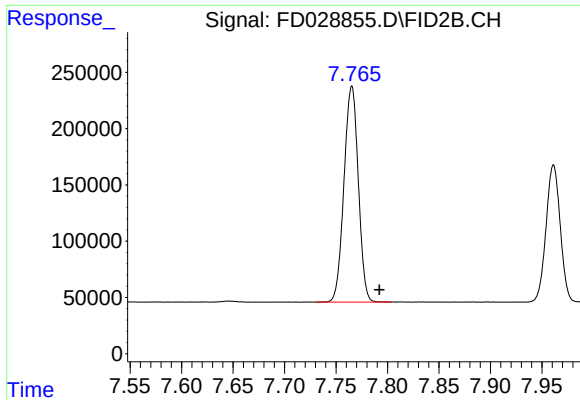
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.489 min
Delta R.T.: -0.025 min
Response: 1947099
Conc: 18.20 ug/ml



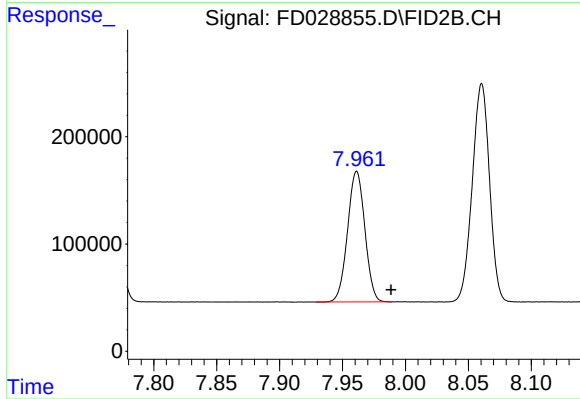
#4 2-Bromonaphthalene (SURR)

R.T.: 7.095 min
Delta R.T.: -0.026 min
Response: 1707745
Conc: 18.00 ug/ml



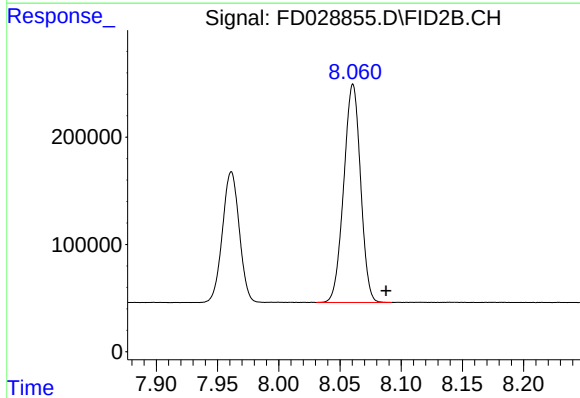
#5 Acenaphthylene (C15.06)

R.T.: 7.765 min
Delta R.T.: -0.027 min
Response: 1857024
Conc: 17.93 ug/ml



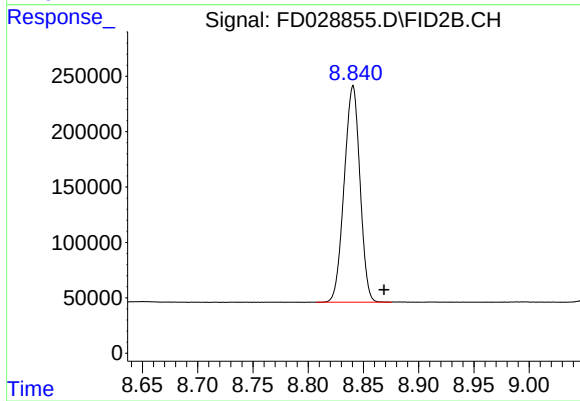
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.961 min
Delta R.T.: -0.027 min
Response: 1166252
Conc: 17.89 ug/ml



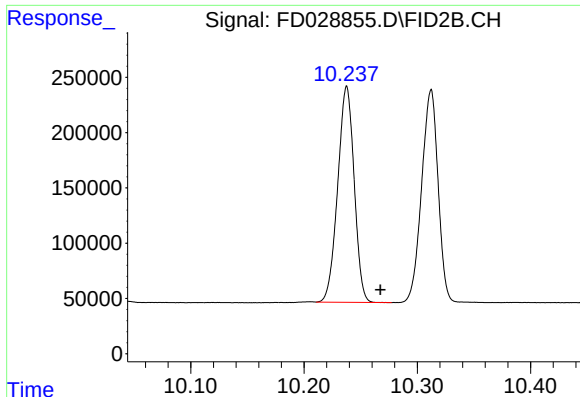
#7 Acenaphthene (C15.5)

R.T.: 8.061 min
Delta R.T.: -0.027 min
Response: 1944526
Conc: 17.93 ug/ml



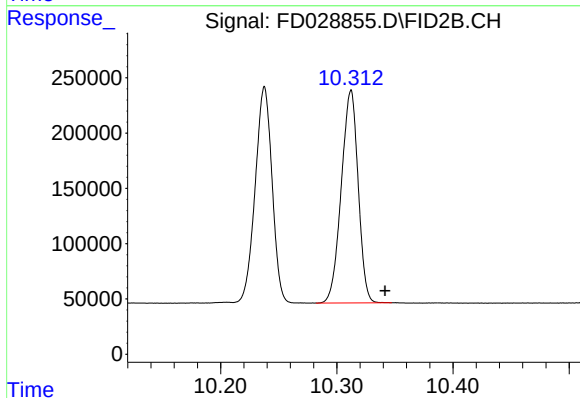
#8 Fluorene (C16.55)

R.T.: 8.841 min
Delta R.T.: -0.028 min
Response: 1941132
Conc: 17.85 ug/ml



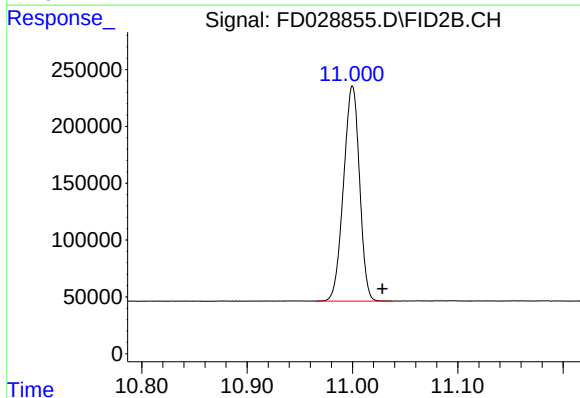
#9 Phenanthrene (C19.36)

R.T.: 10.238 min
Delta R.T.: -0.030 min
Response: 1970298
Conc: 18.19 ug/ml



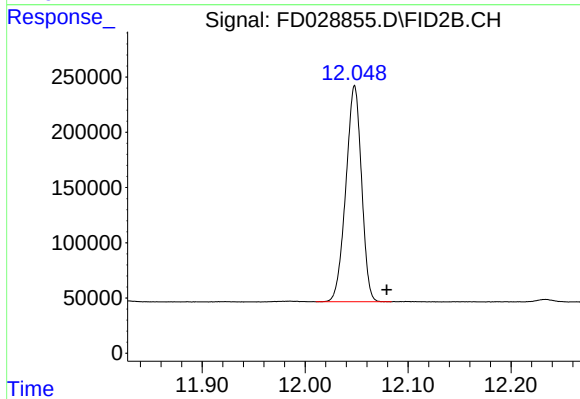
#10 Anthracene (C19.43)

R.T.: 10.312 min
Delta R.T.: -0.029 min
Response: 1940754
Conc: 18.07 ug/ml



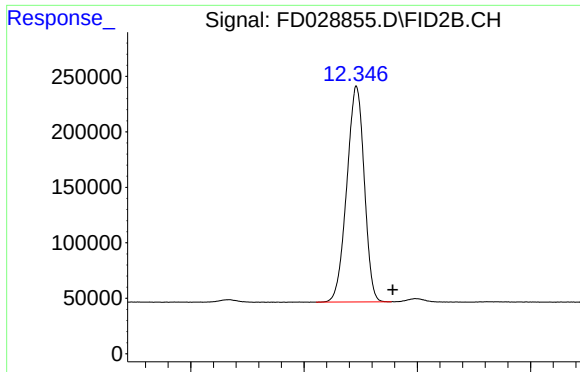
#11 ortho-Terphenyl (SURR)

R.T.: 11.000 min
Delta R.T.: -0.029 min
Response: 2000232
Conc: 17.98 ug/ml



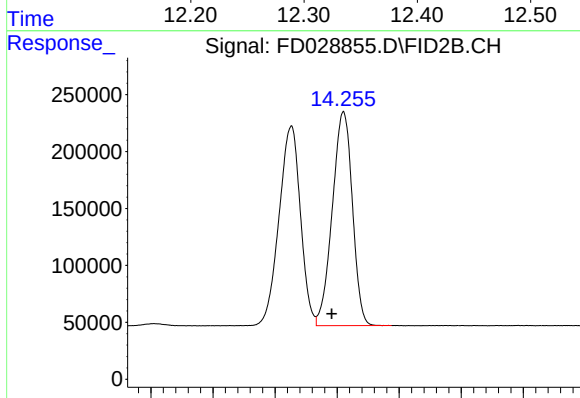
#12 Fluoranthene (C21.85)

R.T.: 12.048 min
Delta R.T.: -0.031 min
Response: 2070378
Conc: 19.15 ug/ml



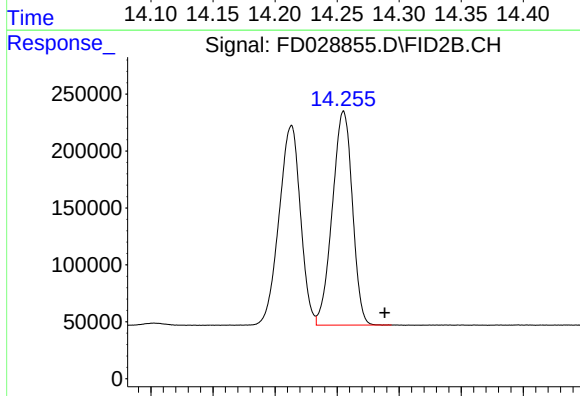
#13 Pyrene (C20.8)

R.T.: 12.346 min
Delta R.T.: -0.032 min
Response: 2082900
Conc: 19.34 ug/ml



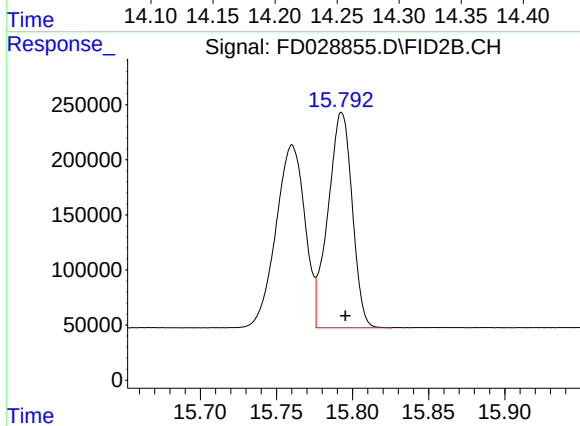
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.255 min
Delta R.T.: 0.010 min
Response: 2111485
Conc: 20.14 ug/ml



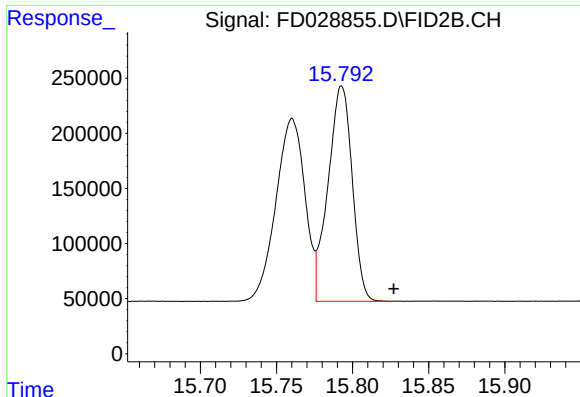
#15 Chrysene (C27.41)

R.T.: 14.255 min
Delta R.T.: -0.033 min
Response: 2111485
Conc: 20.17 ug/ml



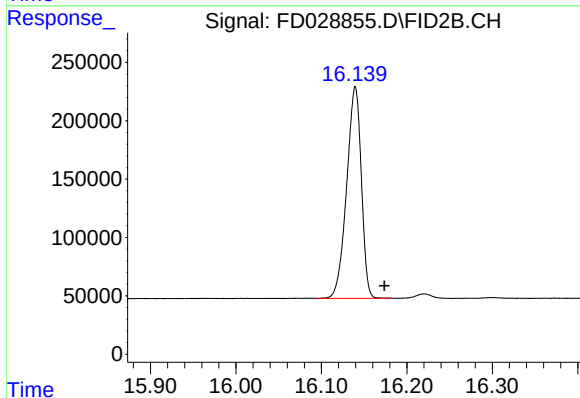
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.793 min
Delta R.T.: -0.002 min
Response: 2159722
Conc: 19.93 ug/ml



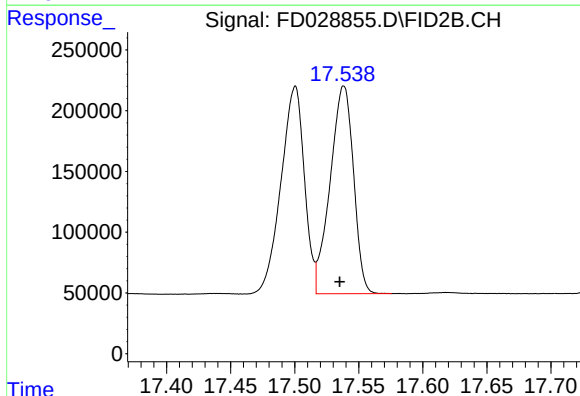
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.793 min
Delta R.T.: -0.034 min
Response: 2159722
Conc: 20.13 ug/ml



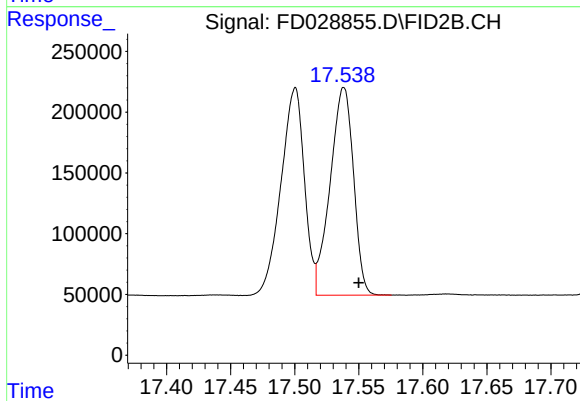
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.140 min
Delta R.T.: -0.034 min
Response: 2163682
Conc: 20.00 ug/ml



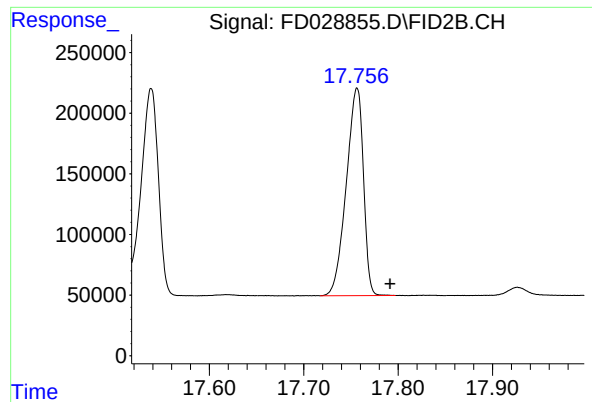
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.538 min
Delta R.T.: 0.003 min
Response: 2166402
Conc: 19.60 ug/ml



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

R.T.: 17.538 min
Delta R.T.: -0.012 min
Response: 2166402
Conc: 20.15 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.035 min
Response: 2161284
Conc: 19.94 ug/ml