

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040919AR\
 Data File : FD028755.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2019 12:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 08:33:49 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...	7.108	1598319	16.847 ug/ml
Spiked Amount 50.000		Recovery =	33.69%
6) S 2-Fluorobiphenyl (SURR)	7.975	1097342	16.832 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.66%
11) S ortho-Terphenyl (SURR)	11.013	1886998	16.959 ug/ml
Spiked Amount 50.000		Recovery =	33.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.930	1722398	17.607 ug/ml
2) T Naphthalene (C11.7)	5.453	1837415	17.246 ug/ml
3) T 2-Methylnaphthalene (...)	6.501	1816447	16.979 ug/ml
5) T Acenaphthylene (C15.06)	7.779	1744354	16.845 ug/ml
7) T Acenaphthene (C15.5)	8.074	1825054	16.825 ug/ml
8) T Flouorene (C16.55)	8.854	1835542	16.883 ug/ml
9) T Phenanthrene (C19.36)	10.251	1855970	17.139 ug/ml
10) T Anthracene (C19.43)	10.326	1845553	17.180 ug/ml
12) T Fluoranthene (C21.85)	12.063	1930924	17.860 ug/ml
13) T Pyrene (C20.8)	12.361	1935651	17.975 ug/ml
14) T Benzo[a]anthracene (C...	14.229	1938999	18.493 ug/ml
15) T Chrysene (C27.41)	14.272	1941471	18.542 ug/ml
16) T benzo[b]fluoranthene ...	15.811	1992716	18.385 ug/ml
17) T Bnezo[k]fluoranthene ...	15.811	1992716	18.569 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.157	2005541	18.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.519	2020122	18.280 ug/ml
20) T Dibenz[a,h]anthracene...	17.558	1993975	18.549 ug/ml
21) T Benzo[g,h,i]perylene ...	17.775	2021387	18.652 ug/ml

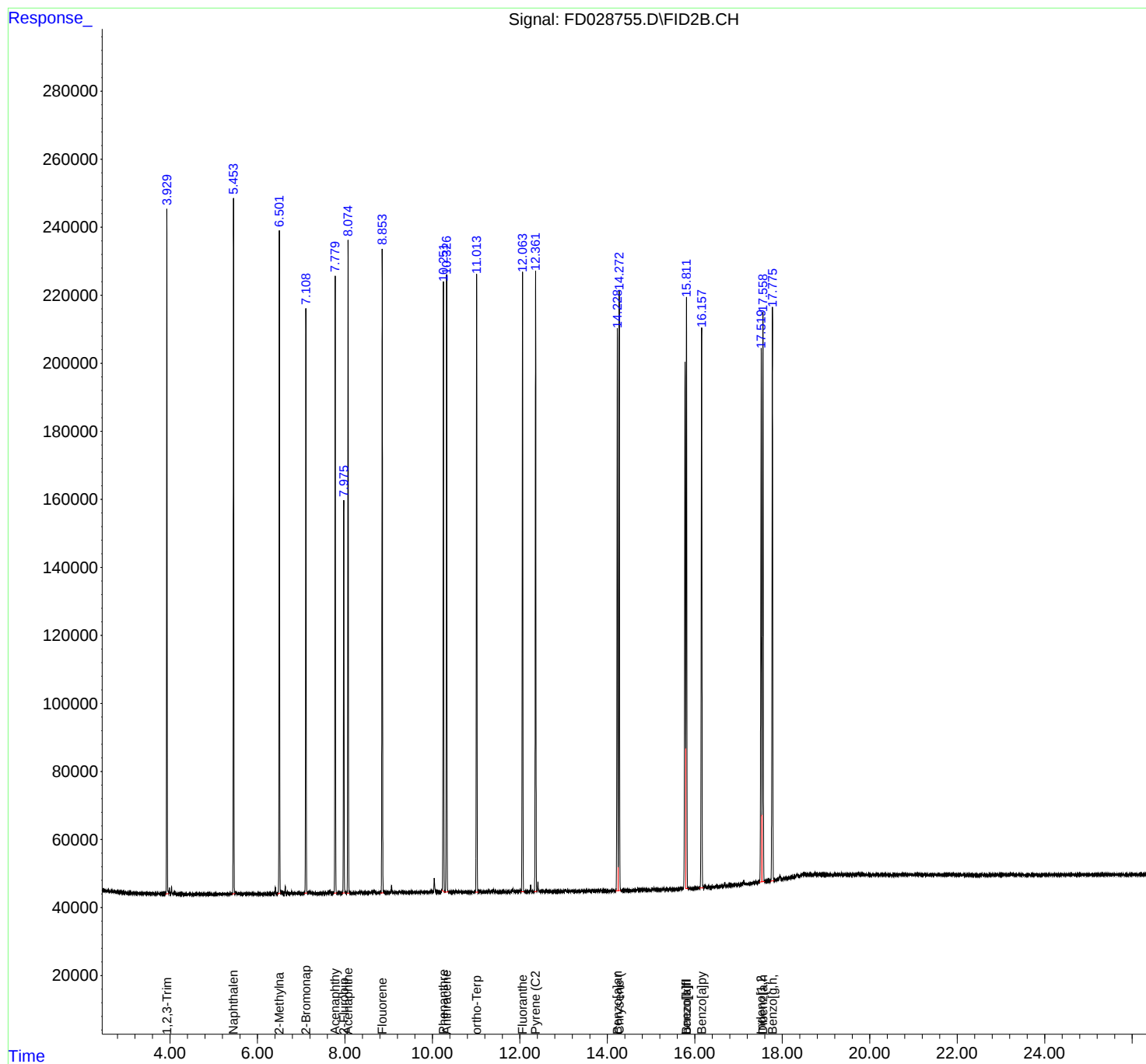
(f)=RT Delta > 1/2 Window

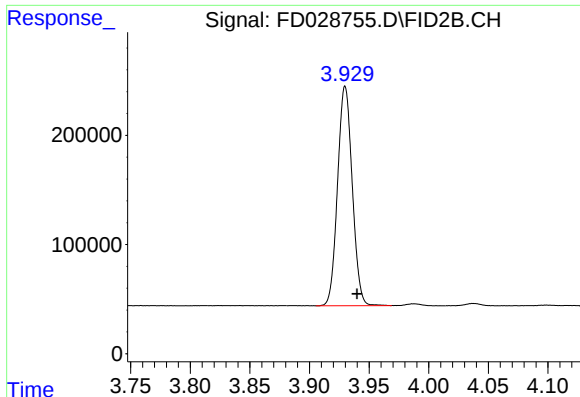
(m)=manual int.

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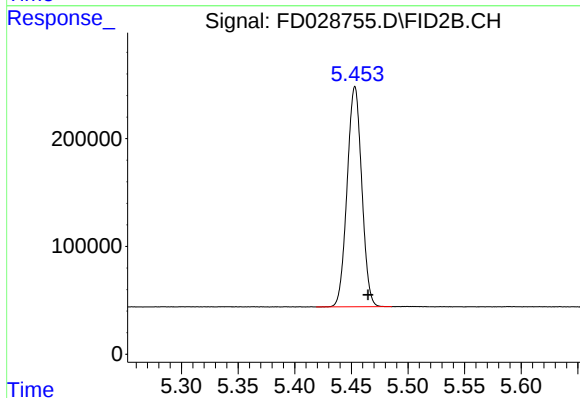
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Signal Info : 20M x 0.18mm x 0.18µm





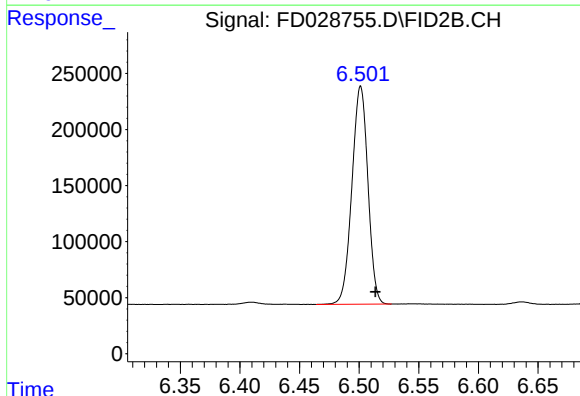
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.930 min
Delta R.T.: -0.010 min
Response: 1722398
Conc: 17.61 ug/ml



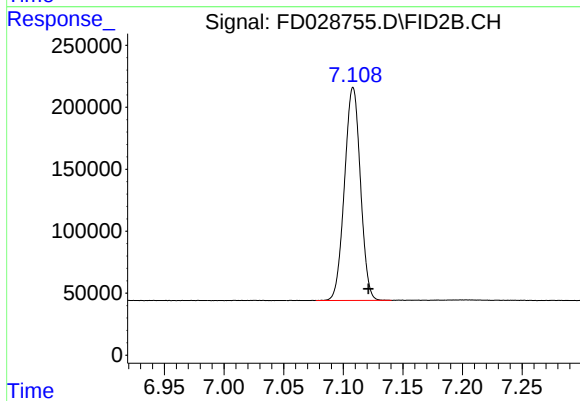
#2 Naphthalene (C11.7)

R.T.: 5.453 min
Delta R.T.: -0.012 min
Response: 1837415
Conc: 17.25 ug/ml



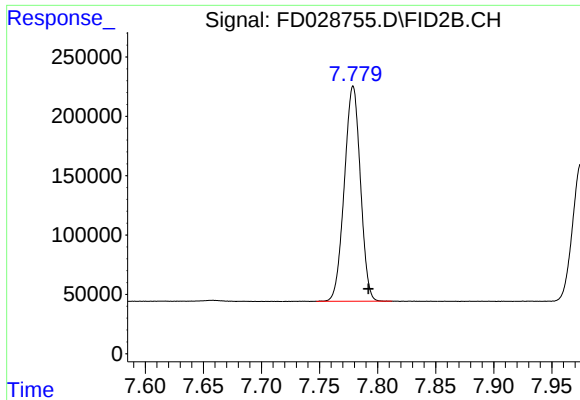
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.501 min
Delta R.T.: -0.012 min
Response: 1816447
Conc: 16.98 ug/ml



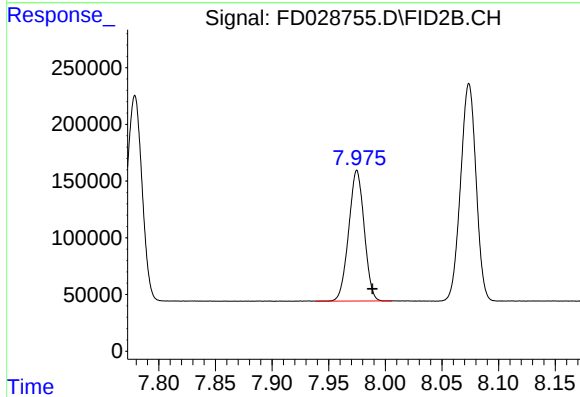
#4 2-Bromonaphthalene (SURR)

R.T.: 7.108 min
Delta R.T.: -0.013 min
Response: 1598319
Conc: 16.85 ug/ml



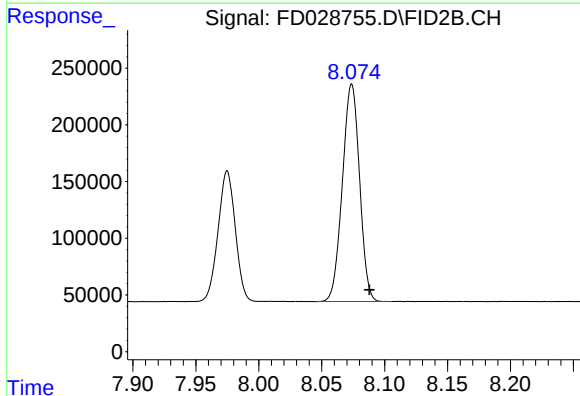
#5 Acenaphthylene (C15.06)

R.T.: 7.779 min
Delta R.T.: -0.013 min
Response: 1744354
Conc: 16.85 ug/ml



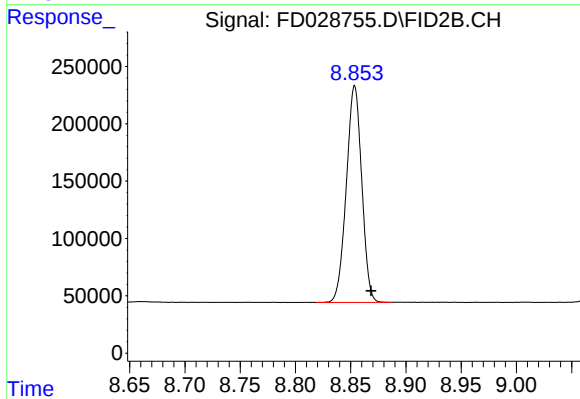
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.975 min
Delta R.T.: -0.014 min
Response: 1097342
Conc: 16.83 ug/ml



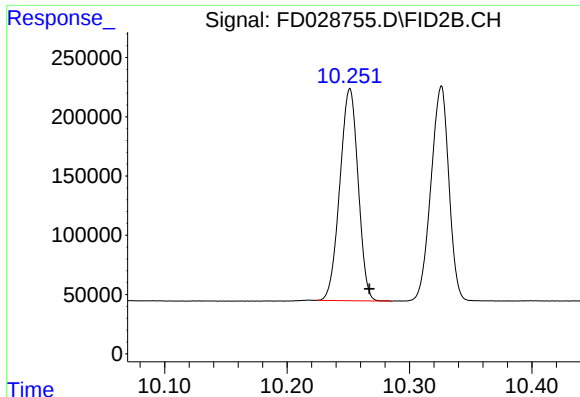
#7 Acenaphthene (C15.5)

R.T.: 8.074 min
Delta R.T.: -0.014 min
Response: 1825054
Conc: 16.82 ug/ml



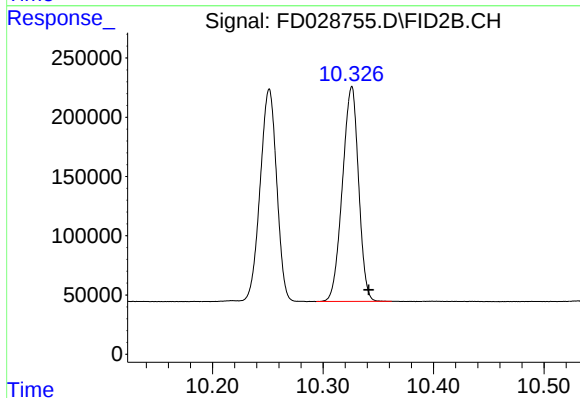
#8 Fluorene (C16.55)

R.T.: 8.854 min
Delta R.T.: -0.015 min
Response: 1835542
Conc: 16.88 ug/ml



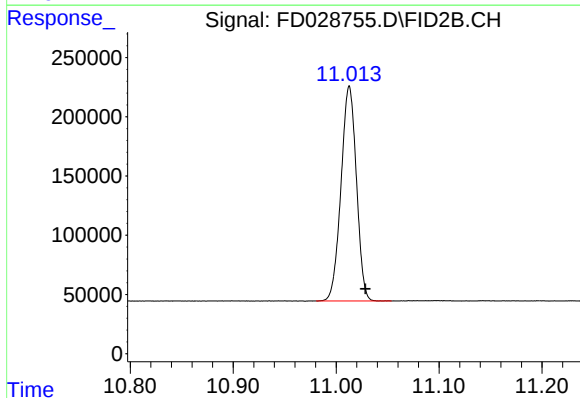
#9 Phenanthrene (C19.36)

R.T.: 10.251 min
Delta R.T.: -0.016 min
Response: 1855970
Conc: 17.14 ug/ml



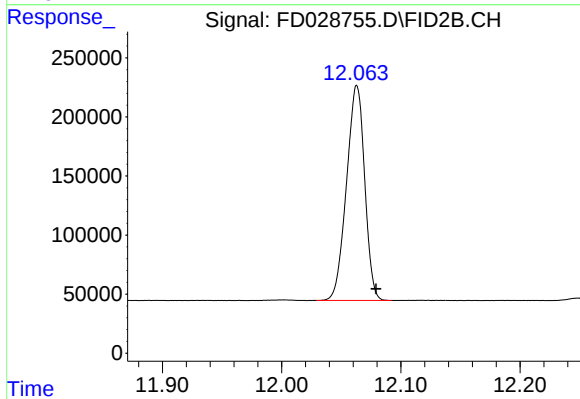
#10 Anthracene (C19.43)

R.T.: 10.326 min
Delta R.T.: -0.015 min
Response: 1845553
Conc: 17.18 ug/ml



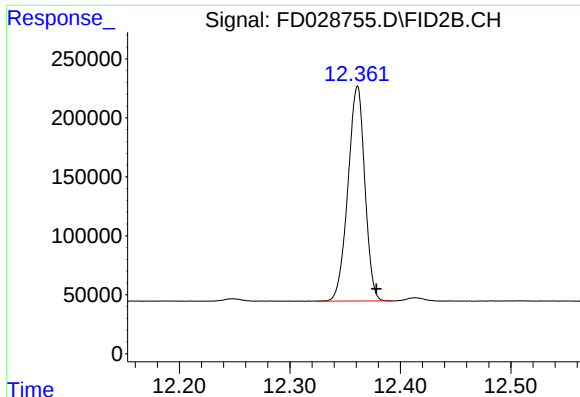
#11 ortho-Terphenyl (SURR)

R.T.: 11.013 min
Delta R.T.: -0.016 min
Response: 1886998
Conc: 16.96 ug/ml



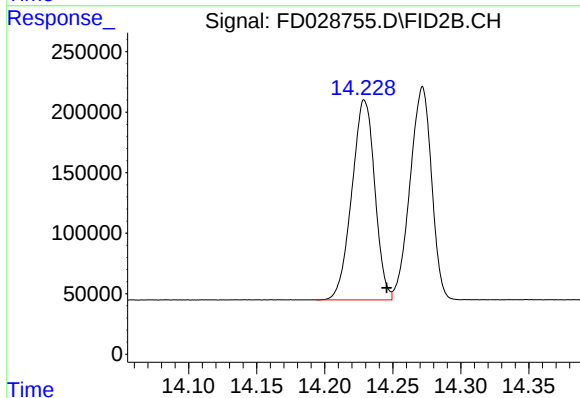
#12 Fluoranthene (C21.85)

R.T.: 12.063 min
Delta R.T.: -0.016 min
Response: 1930924
Conc: 17.86 ug/ml



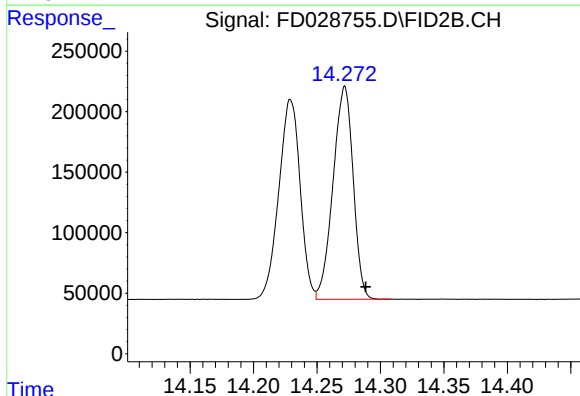
#13 Pyrene (C20.8)

R.T.: 12.361 min
Delta R.T.: -0.017 min
Response: 1935651
Conc: 17.97 ug/ml



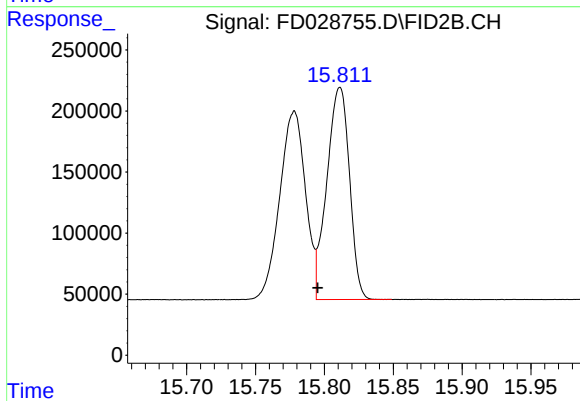
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.229 min
Delta R.T.: -0.016 min
Response: 1938999
Conc: 18.49 ug/ml



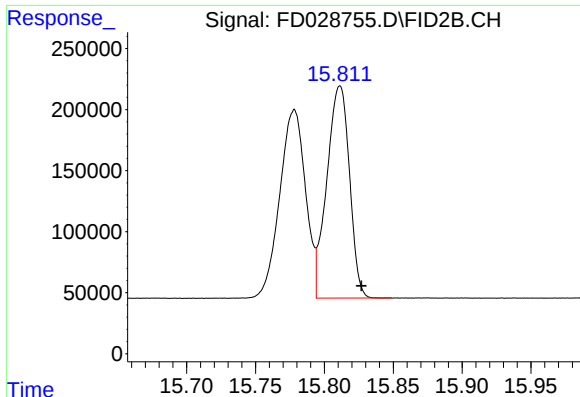
#15 Chrysene (C27.41)

R.T.: 14.272 min
Delta R.T.: -0.017 min
Response: 1941471
Conc: 18.54 ug/ml



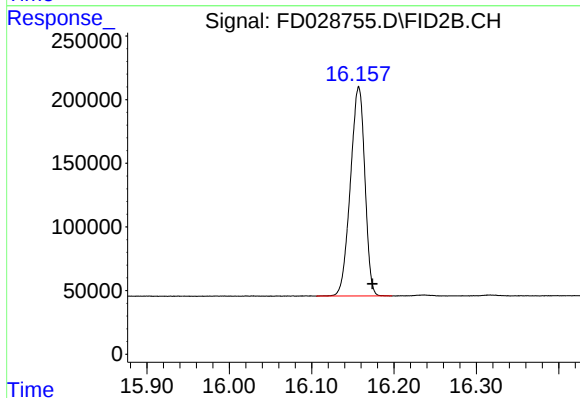
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.811 min
Delta R.T.: 0.016 min
Response: 1992716
Conc: 18.38 ug/ml



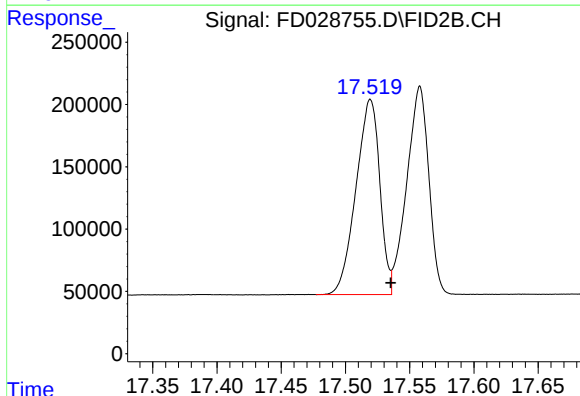
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.811 min
Delta R.T.: -0.016 min
Response: 1992716
Conc: 18.57 ug/ml



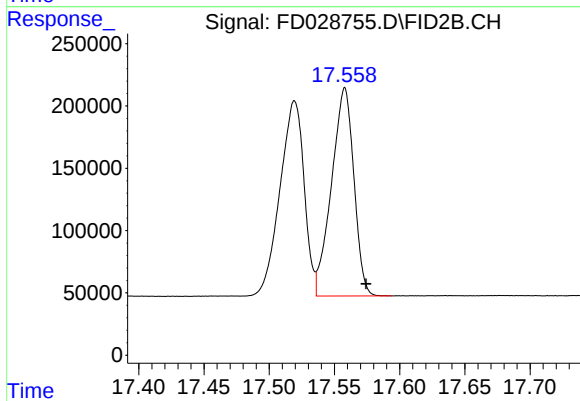
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.157 min
Delta R.T.: -0.017 min
Response: 2005541
Conc: 18.54 ug/ml



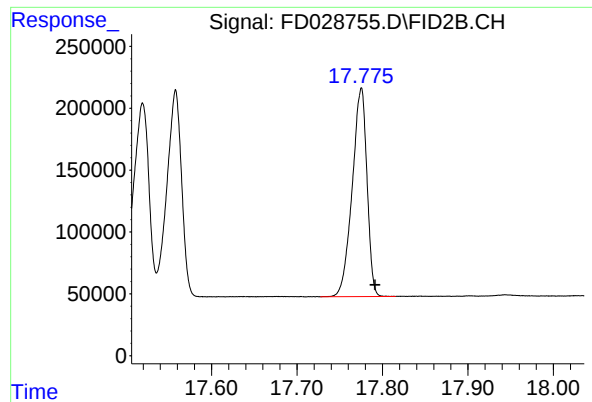
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.519 min
Delta R.T.: -0.016 min
Response: 2020122
Conc: 18.28 ug/ml



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

R.T.: 17.558 min
Delta R.T.: -0.016 min
Response: 1993975
Conc: 18.55 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.016 min
Response: 2021387
Conc: 18.65 ug/ml