

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042619AR\
 Data File : FD029077.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2019 19:25
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 00:20:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.087	1861867	18.666 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
6) S 2-Fluorobiphenyl (SURR)	7.953	1248924	18.225 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.45%
11) S ortho-Terphenyl (SURR)	10.992	1973871	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.912	2025067	21.420 ug/ml
2) T Naphthalene (C11.7)	5.433	2139692	20.022 ug/ml
3) T 2-Methylnaphthalene (...)	6.481	2093330	19.126 ug/ml
5) T Acenaphthylene (C15.06)	7.757	1959304	18.301 ug/ml
7) T Acenaphthene (C15.5)	8.053	2060500	18.332 ug/ml
8) T Flouorene (C16.55)	8.833	2031187	18.150 ug/ml
9) T Phenanthrene (C19.36)	10.230	2052986	19.124 ug/ml
10) T Anthracene (C19.43)	10.304	1939160	18.229 ug/ml
12) T Fluoranthene (C21.85)	12.041	2214911	22.043 ug/ml
13) T Pyrene (C20.8)	12.340	2251381	22.181 ug/ml
14) T Benzo[a]anthracene (C...	14.207	2298994	22.668 ug/ml
15) T Chrysene (C27.41)	14.250	2312978	22.689 ug/ml
16) T benzo[b]fluoranthene ...	15.756	2374570	22.132 ug/ml
17) T Bnezo[k]fluoranthene ...	15.788	2327415	21.919 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.134	2317001	21.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.496	2268752	21.006 ug/ml
20) T Dibenz[a,h]anthracene...	17.534	2259313	21.311 ug/ml
21) T Benzo[g,h,i]perylene ...	17.752	2274451	21.246 ug/ml

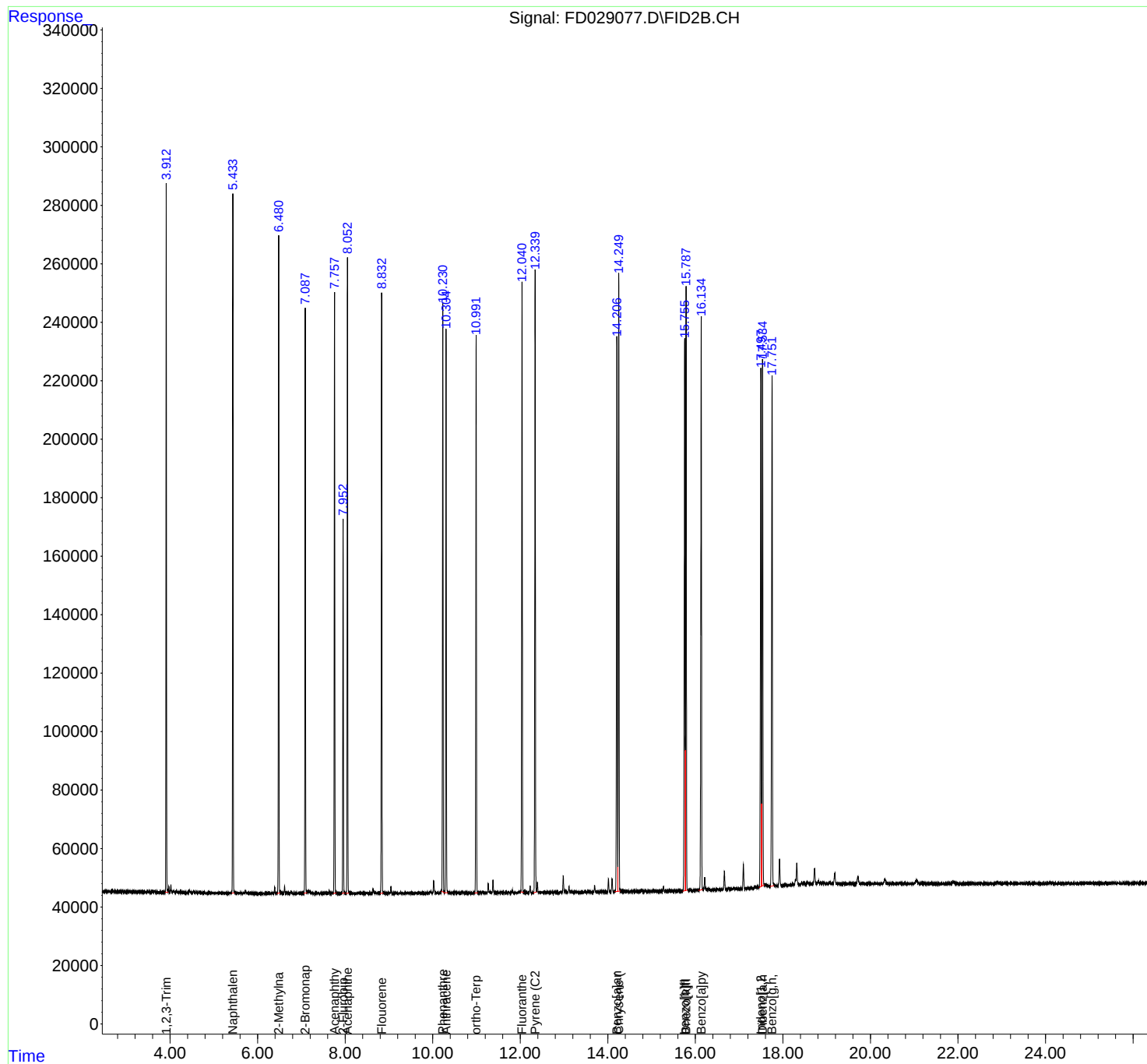
(f)=RT Delta > 1/2 Window

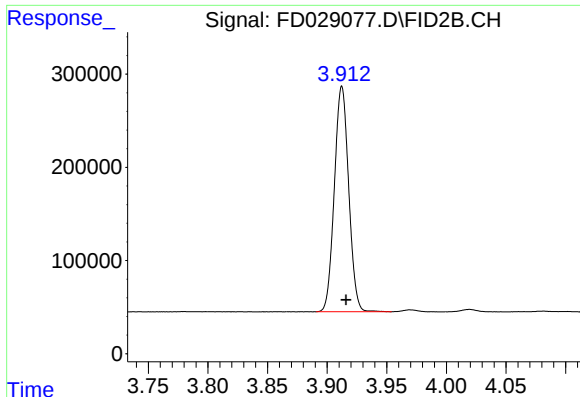
(m)=manual int.

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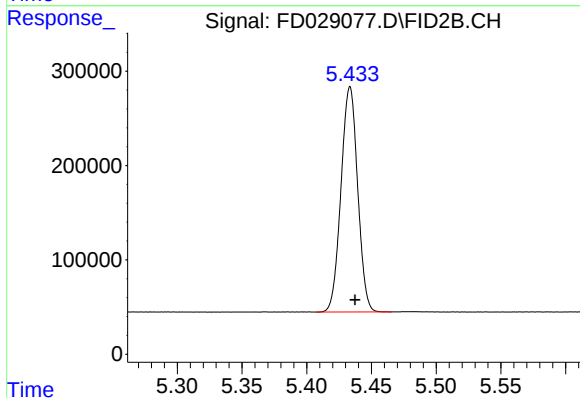
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Signal Info : 20M x 0.18mm x 0.18µm





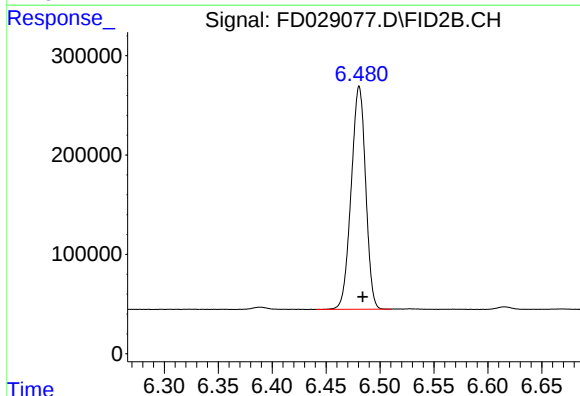
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.912 min
Delta R.T.: -0.004 min
Response: 2025067
Conc: 21.42 ug/ml



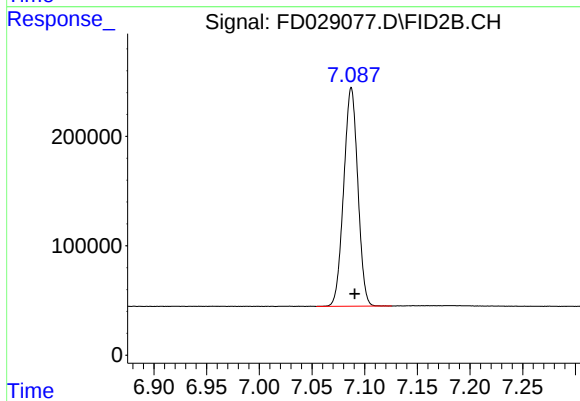
#2 Naphthalene (C11.7)

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 2139692
Conc: 20.02 ug/ml



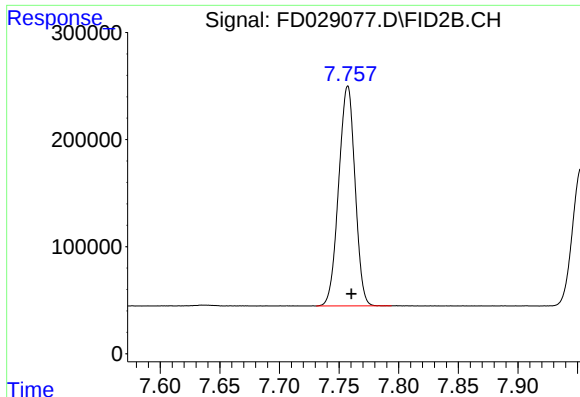
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 2093330
Conc: 19.13 ug/ml



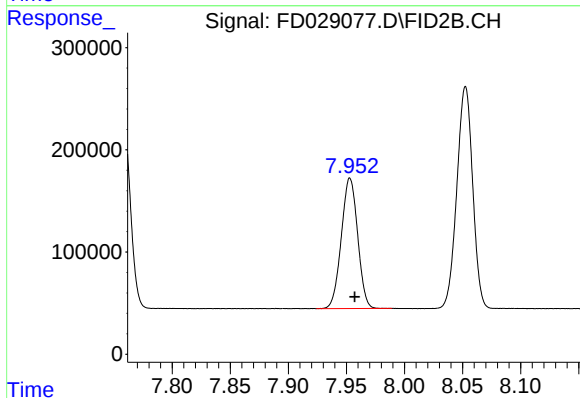
#4 2-Bromonaphthalene (SURR)

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 1861867
Conc: 18.67 ug/ml



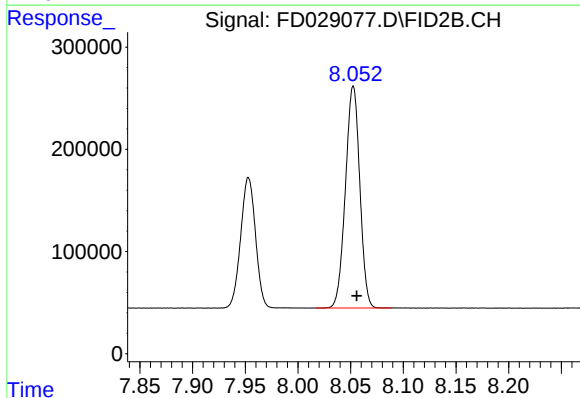
#5 Acenaphthylene (C15.06)

R.T.: 7.757 min
Delta R.T.: -0.003 min
Response: 1959304
Conc: 18.30 ug/ml



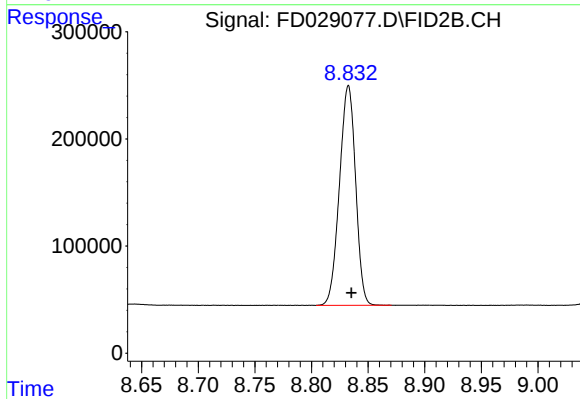
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 1248924
Conc: 18.22 ug/ml



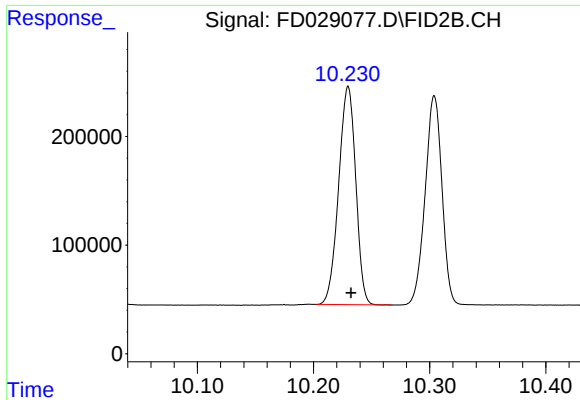
#7 Acenaphthene (C15.5)

R.T.: 8.053 min
Delta R.T.: -0.003 min
Response: 2060500
Conc: 18.33 ug/ml



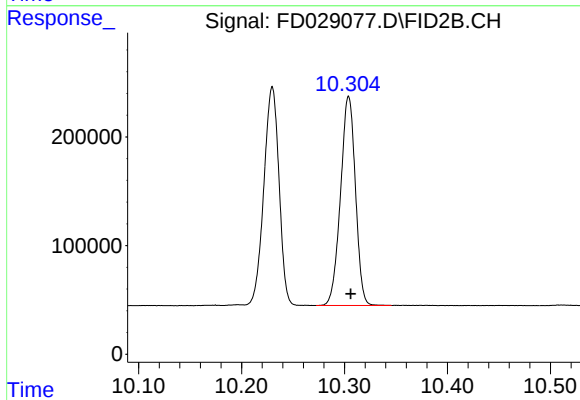
#8 Fluorene (C16.55)

R.T.: 8.833 min
Delta R.T.: -0.003 min
Response: 2031187
Conc: 18.15 ug/ml



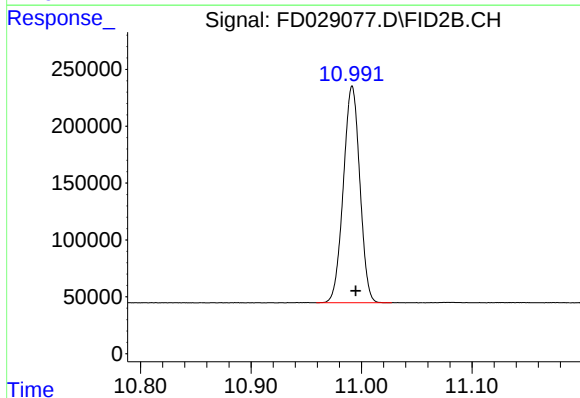
#9 Phenanthrene (C19.36)

R.T.: 10.230 min
Delta R.T.: -0.003 min
Response: 2052986
Conc: 19.12 ug/ml



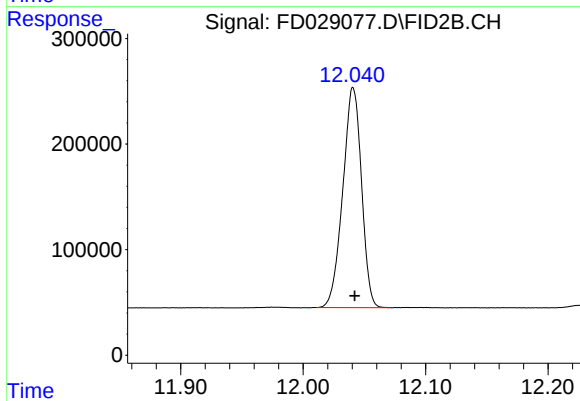
#10 Anthracene (C19.43)

R.T.: 10.304 min
Delta R.T.: -0.002 min
Response: 1939160
Conc: 18.23 ug/ml



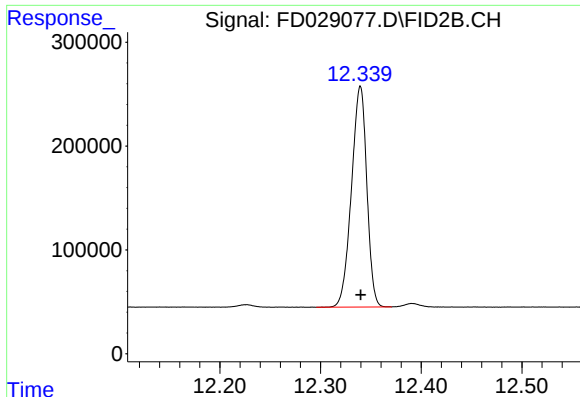
#11 ortho-Terphenyl (SURR)

R.T.: 10.992 min
Delta R.T.: -0.003 min
Response: 1973871
Conc: 18.53 ug/ml



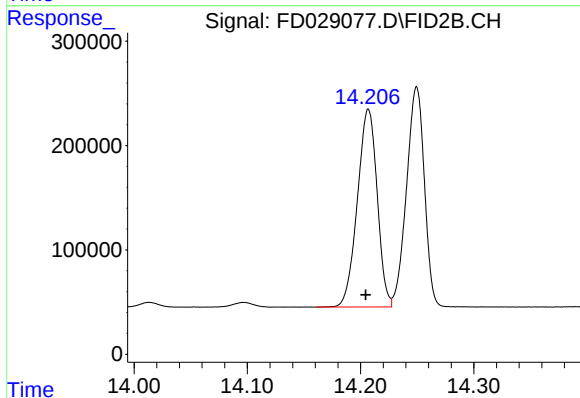
#12 Fluoranthene (C21.85)

R.T.: 12.041 min
Delta R.T.: -0.001 min
Response: 2214911
Conc: 22.04 ug/ml



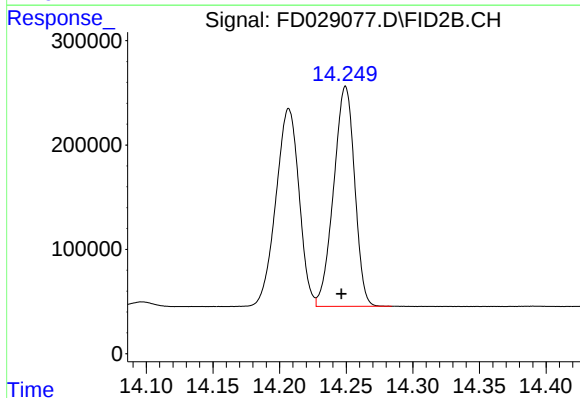
#13 Pyrene (C20.8)

R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 2251381
Conc: 22.18 ug/ml



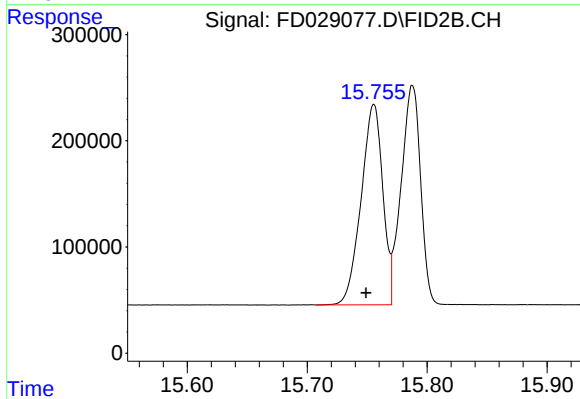
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.207 min
Delta R.T.: 0.002 min
Response: 2298994
Conc: 22.67 ug/ml



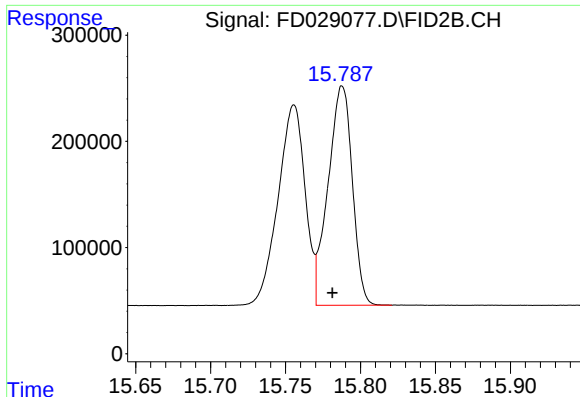
#15 Chrysene (C27.41)

R.T.: 14.250 min
Delta R.T.: 0.003 min
Response: 2312978
Conc: 22.69 ug/ml



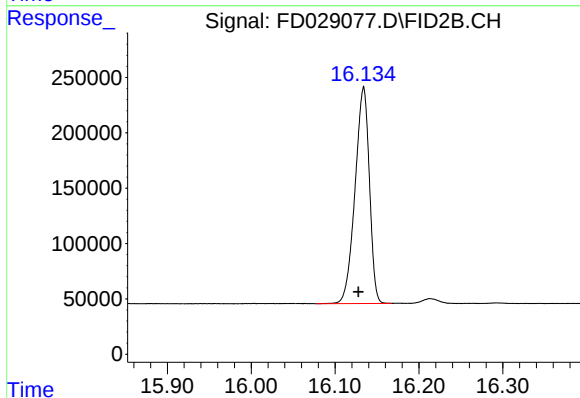
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.756 min
Delta R.T.: 0.006 min
Response: 2374570
Conc: 22.13 ug/ml



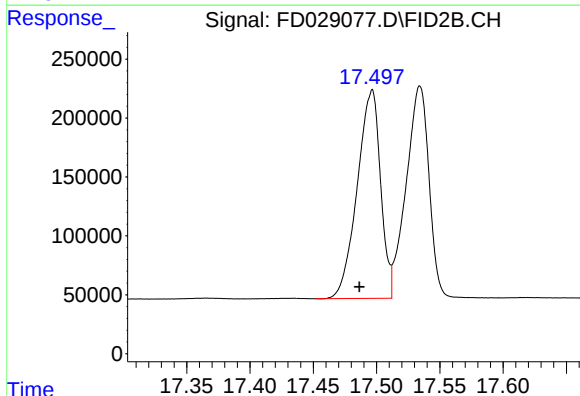
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.788 min
Delta R.T.: 0.007 min
Response: 2327415
Conc: 21.92 ug/ml



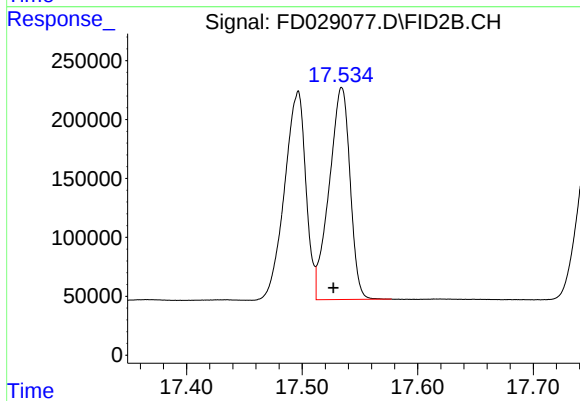
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 2317001
Conc: 21.69 ug/ml



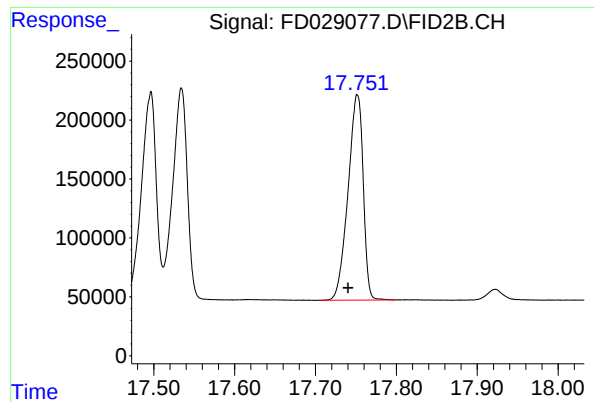
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.496 min
Delta R.T.: 0.010 min
Response: 2268752
Conc: 21.01 ug/ml



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

R.T.: 17.534 min
Delta R.T.: 0.007 min
Response: 2259313
Conc: 21.31 ug/ml



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

R.T.: 17.752 min
Delta R.T.: 0.012 min
Response: 2274451
Conc: 21.25 ug/ml