

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101519AR\
 Data File : FD031016.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2019 14:55
 Operator : DD\AJ
 Sample : K5298-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 16 01:19:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.551	3904379	40.847 ug/ml
Spiked Amount 50.000		Recovery =	81.69%
6) S 2-Fluorobiphenyl (SURR)	8.411	2432305	38.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.67%
11) S ortho-Terphenyl (SURR)	11.439	3823405	34.885 ug/ml
Spiked Amount 50.000		Recovery =	69.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	2127556	21.447 ug/ml
2) T Naphthalene (C11.7)	5.894	3095153	30.570 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	3179149	31.007 ug/ml
5) T Acenaphthylene (C15.06)	8.213	3234698	31.336 ug/ml
7) T Acenaphthene (C15.5)	8.507	3451462	31.619 ug/ml
8) T Fluorene (C16.55)	9.287	3457111	33.350 ug/ml
9) T Phenanthrene (C19.36)	10.678	3630559	34.753 ug/ml
10) T Anthracene (C19.43)	10.754	3645052	34.738 ug/ml
12) T Fluoranthene (C21.85)	12.484	3772660	35.514 ug/ml
13) T Pyrene (C20.8)	12.779	3692117	34.845 ug/ml
14) T Benzo[a]anthracene (C...	14.646	3467711	36.095 ug/ml
15) T Chrysene (C27.41)	14.688	4274435	38.881 ug/ml
16) T benzo[b]fluoranthene ...	16.225	3605116	37.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	3605116	33.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	3334384	33.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	3568925	39.486 ug/ml
20) T Dibenz[a,h]anthracene...	17.970	3568925	34.765 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	3390065	35.564 ug/ml

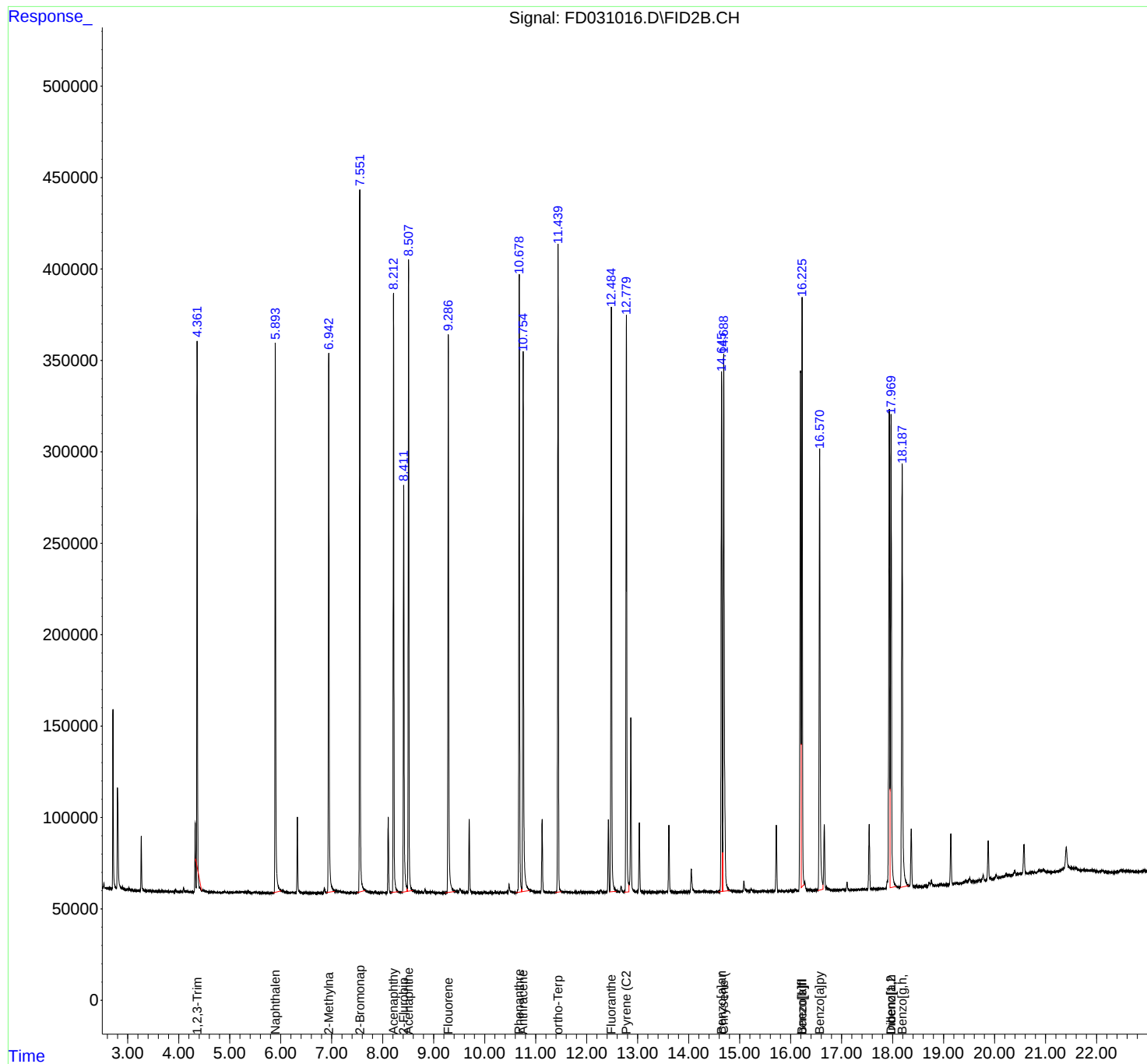
(f)=RT Delta > 1/2 Window

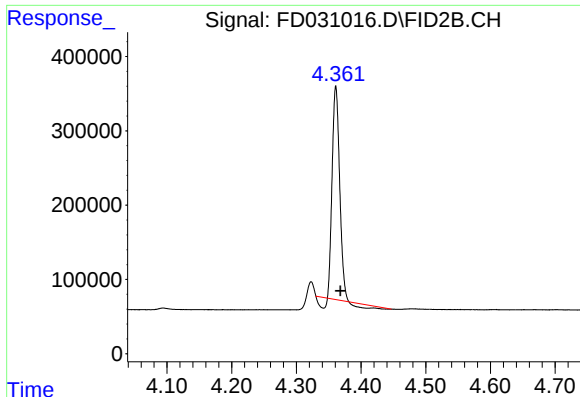
(m)=manual int.

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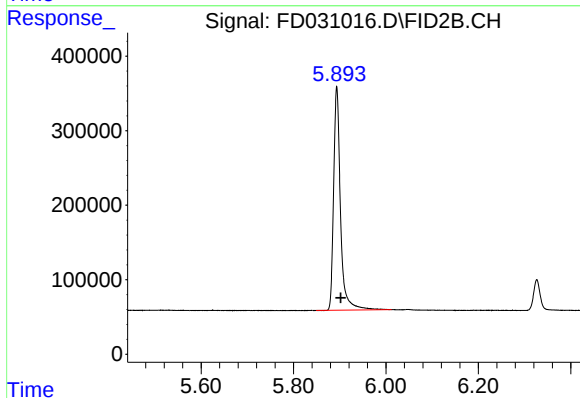
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Signal Info : 20M x 0.18mm x 0.18µm





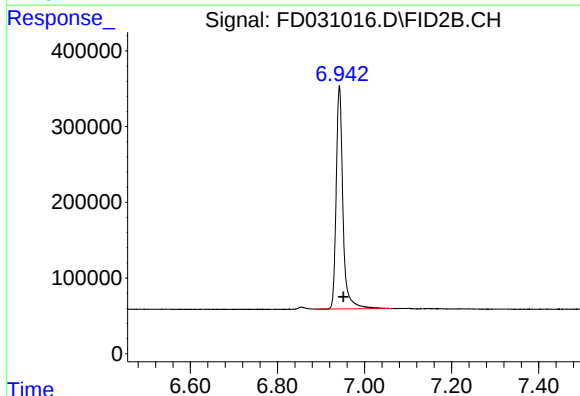
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.007 min
Response: 2127556
Conc: 21.45 ug/ml



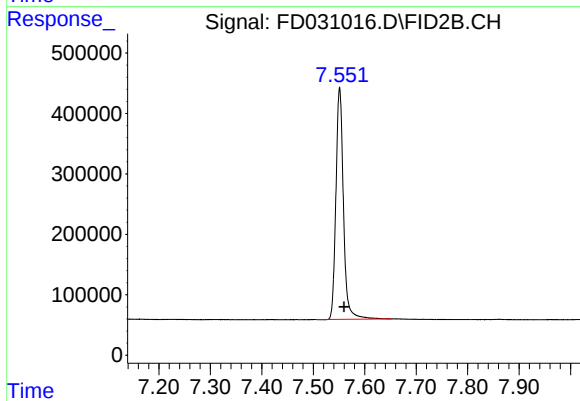
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.008 min
Response: 3095153
Conc: 30.57 ug/ml



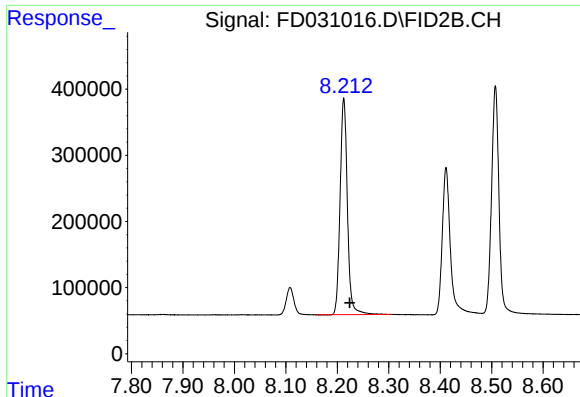
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 3179149
Conc: 31.01 ug/ml



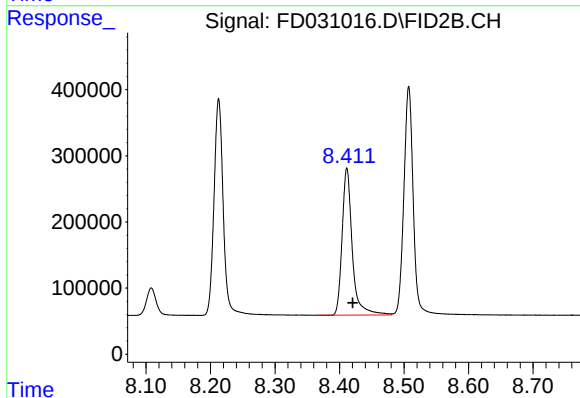
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: -0.009 min
Response: 3904379
Conc: 40.85 ug/ml



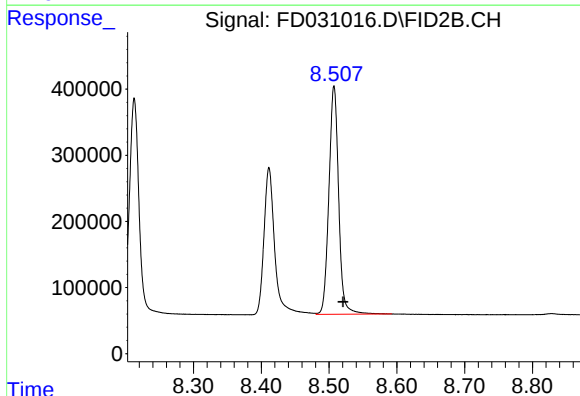
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.012 min
Response: 3234698
Conc: 31.34 ug/ml



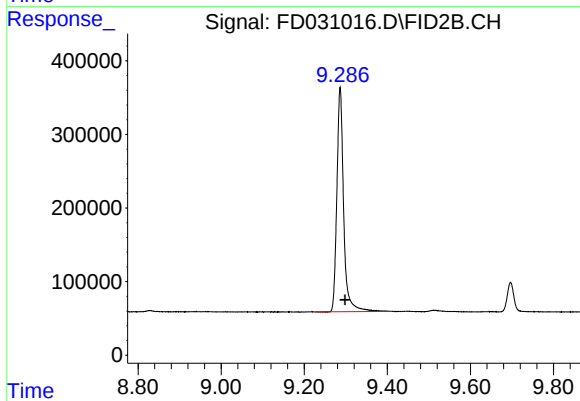
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.009 min
Response: 2432305
Conc: 38.33 ug/ml



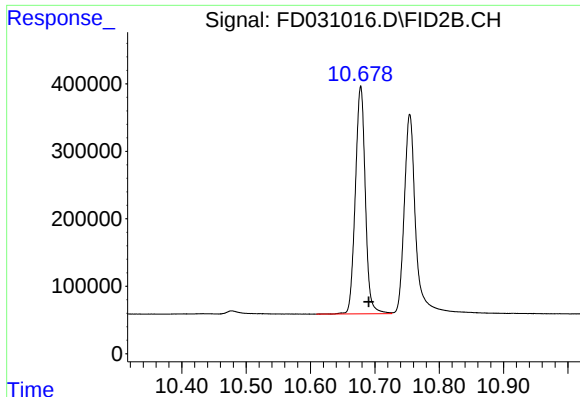
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: -0.013 min
Response: 3451462
Conc: 31.62 ug/ml



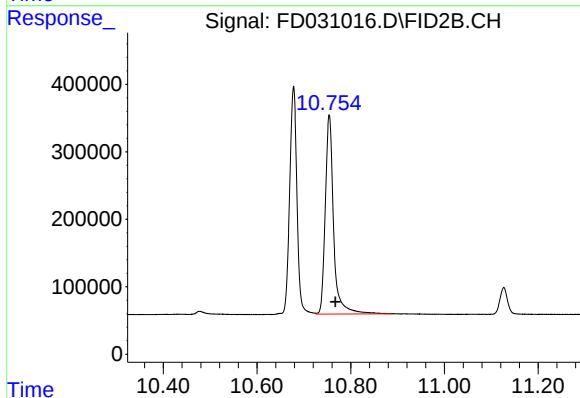
#8 Fluorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.012 min
Response: 3457111
Conc: 33.35 ug/ml



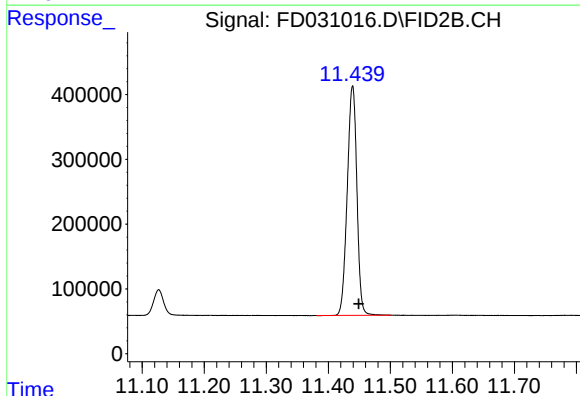
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.012 min
Response: 3630559
Conc: 34.75 ug/ml



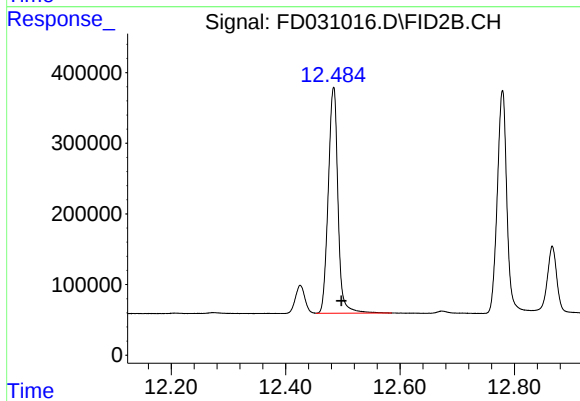
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.013 min
Response: 3645052
Conc: 34.74 ug/ml



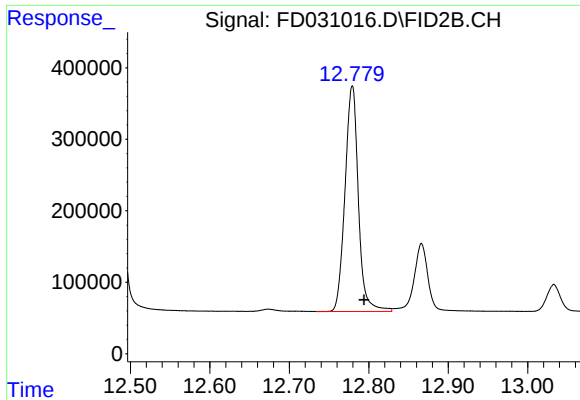
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.010 min
Response: 3823405
Conc: 34.89 ug/ml



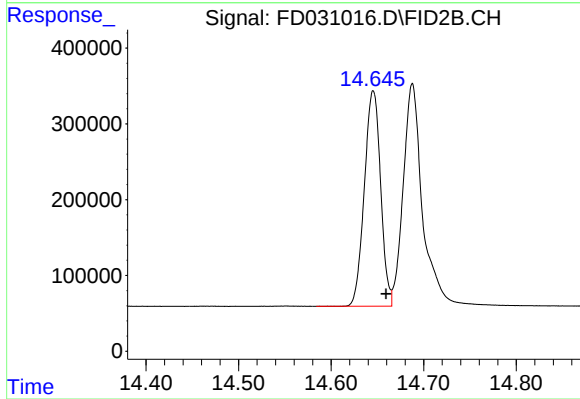
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.013 min
Response: 3772660
Conc: 35.51 ug/ml



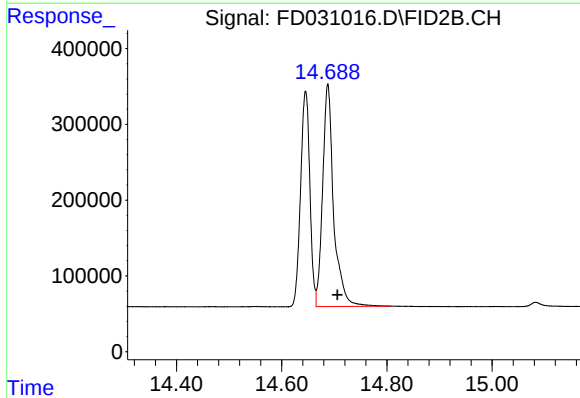
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.015 min
Response: 3692117
Conc: 34.84 ug/ml



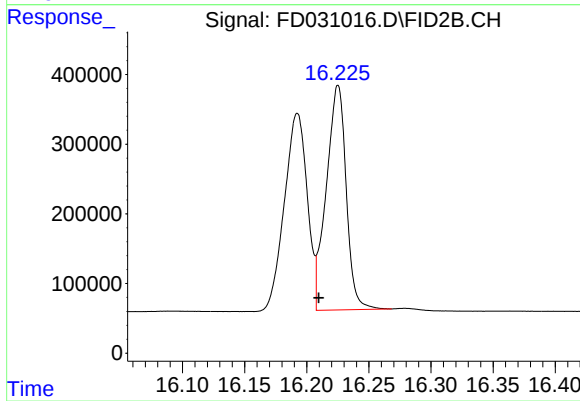
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.014 min
Response: 3467711
Conc: 36.10 ug/ml



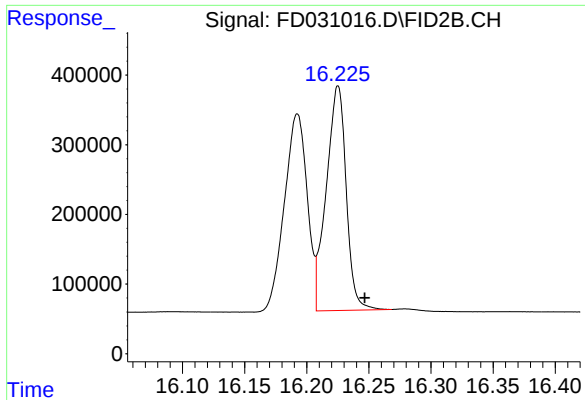
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.019 min
Response: 4274435
Conc: 38.88 ug/ml



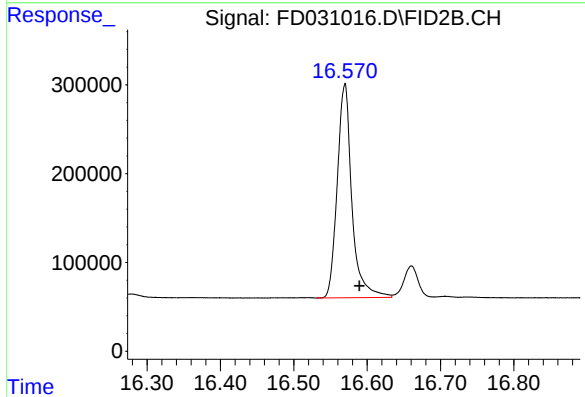
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.225 min
Delta R.T.: 0.016 min
Response: 3605116
Conc: 37.17 ug/ml



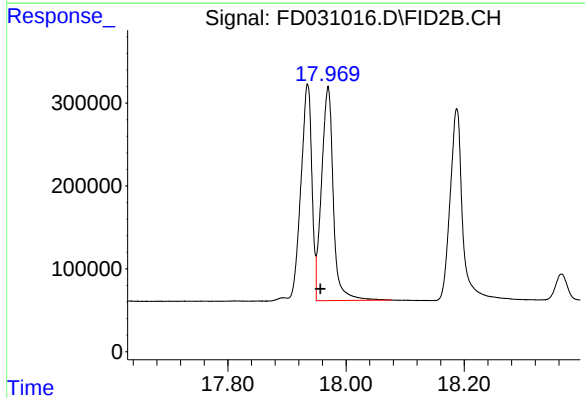
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: -0.022 min
Response: 3605116
Conc: 33.12 ug/ml



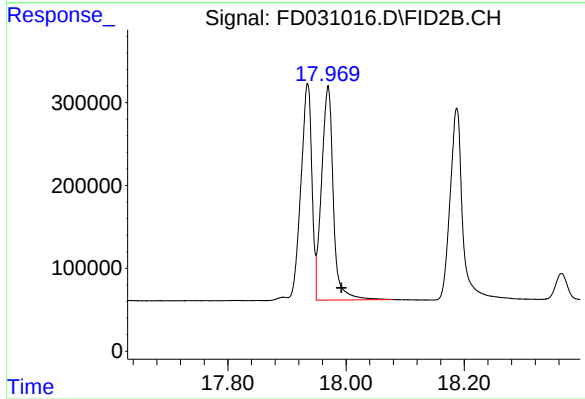
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.020 min
Response: 3334384
Conc: 33.98 ug/ml



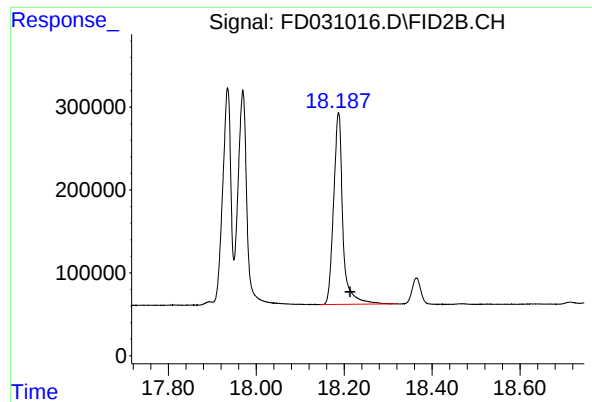
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.970 min
Delta R.T.: 0.013 min
Response: 3568925
Conc: 39.49 ug/ml



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

R.T.: 17.970 min
Delta R.T.: -0.022 min
Response: 3568925
Conc: 34.77 ug/ml



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

R.T.: 18.187 min
Delta R.T.: -0.027 min
Response: 3390065
Conc: 35.56 ug/ml