

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100120AR\
 Data File : FD034913.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2020 5:01
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:22:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:20:39 2020
 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...	7.678	507750	4.177 ug/ml
Spiked Amount 50.000		Recovery =	8.35%
6) S 2-Fluorobiphenyl (SURR)	8.545	353524	4.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.25%
11) S ortho-Terphenyl (SURR)	11.582	641756	4.551 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	598806	4.454 ug/ml
2) T Naphthalene (C11.7)	6.016	608139	4.289 ug/ml
3) T 2-Methylnaphthalene (...)	7.068	598770	4.190 ug/ml
5) T Acenaphthylene (C15.06)	8.344	619148	4.422 ug/ml
7) T Acenaphthene (C15.5)	8.639	619305	4.323 ug/ml
8) T Fluorene (C16.55)	9.423	596103	4.258 ug/ml
9) T Phenanthrene (C19.36)	10.819	595515	4.298 ug/ml
10) T Anthracene (C19.43)	10.895	622717	4.482 ug/ml
12) T Fluoranthene (C21.85)	12.632	600230	4.408 ug/ml
13) T Pyrene (C20.8)	12.929	570173	4.330 ug/ml
14) T Benzo[a]anthracene (C...	14.800	492742	4.141 ug/ml
15) T Chrysene (C27.41)	14.842	588683	4.698 ug/ml
16) T benzo[b]fluoranthene ...	16.349	471239	4.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	524875	4.717 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.731	431231	4.225 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	377400	3.966 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	504216	4.800 ug/ml
21) T Benzo[g,h,i]perylene ...	18.345	438763	4.422 ug/ml

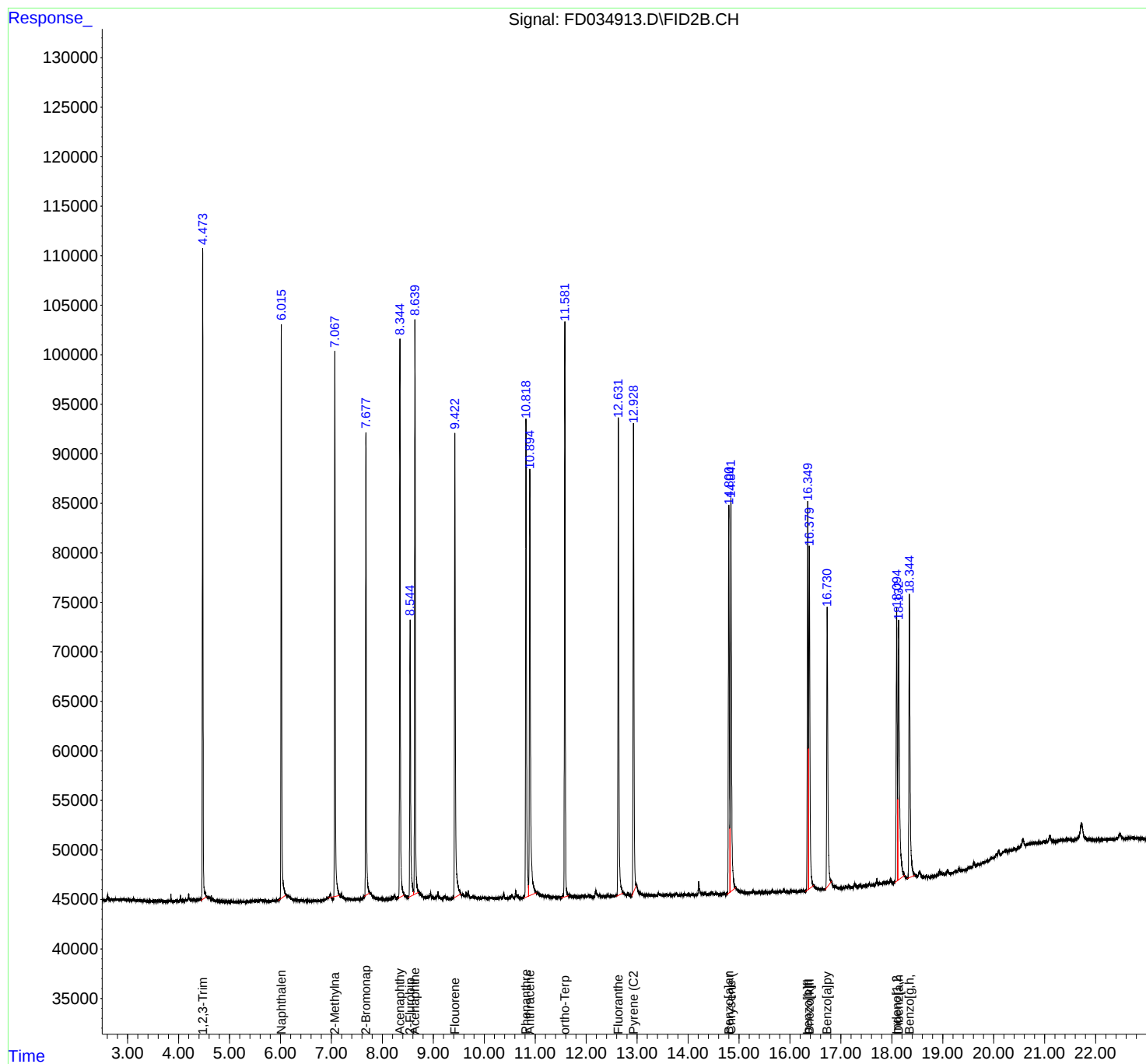
(f)=RT Delta > 1/2 Window

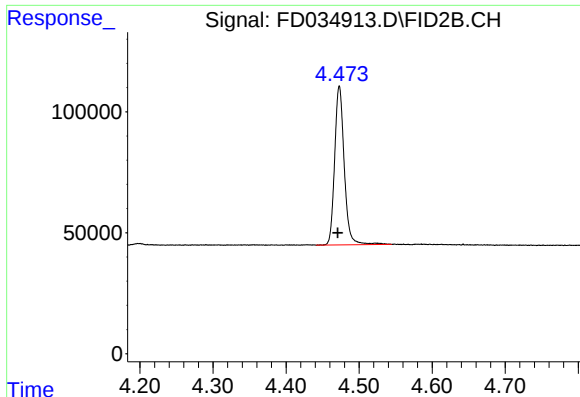
(m)=manual int.

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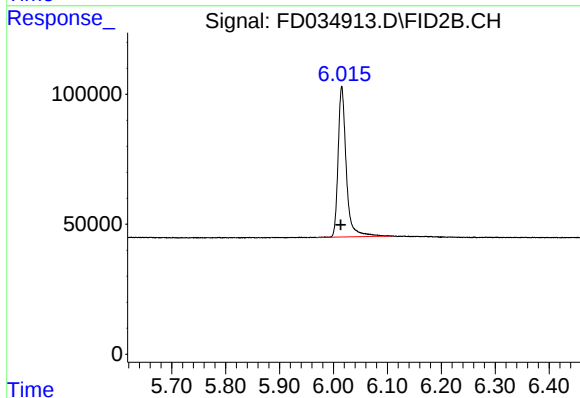
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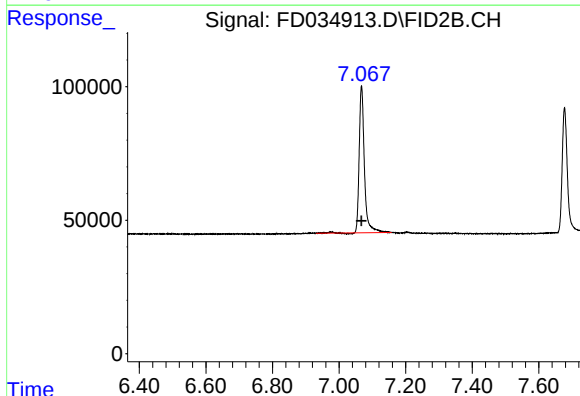
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: 0.002 min
Response: 598806
Conc: 4.45 ug/ml



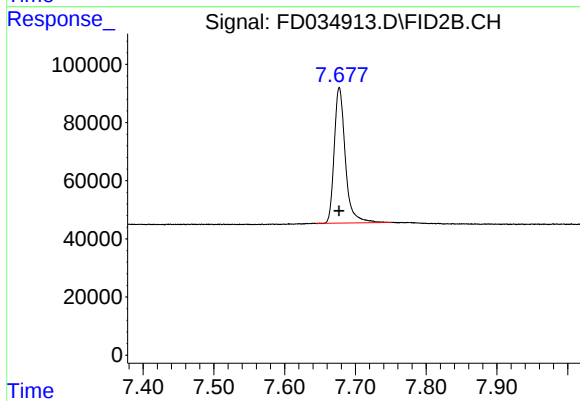
#2 Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 608139
Conc: 4.29 ug/ml



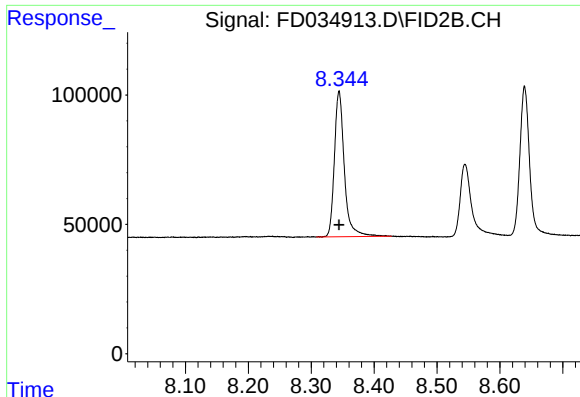
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 598770
Conc: 4.19 ug/ml



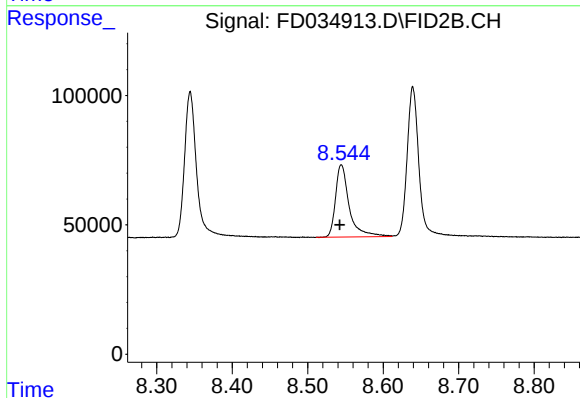
#4 2-Bromonaphthalene (SURR)

R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 507750
Conc: 4.18 ug/ml



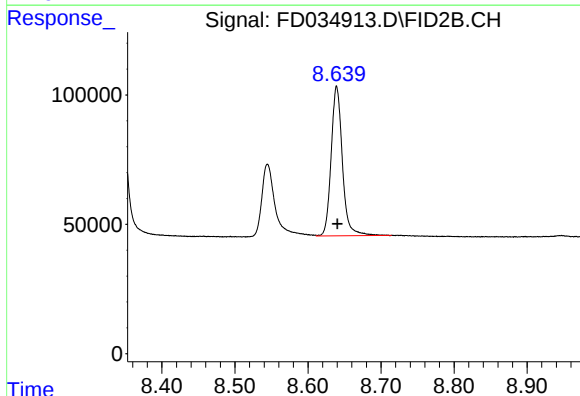
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 619148
Conc: 4.42 ug/ml



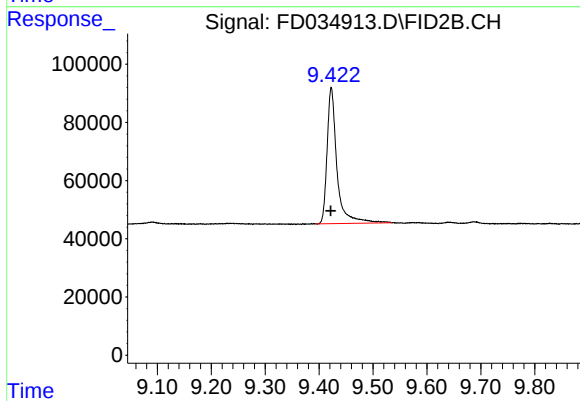
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: 0.002 min
Response: 353524
Conc: 4.12 ug/ml



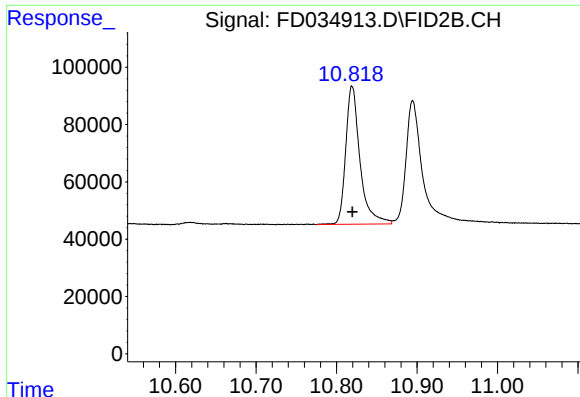
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 619305
Conc: 4.32 ug/ml



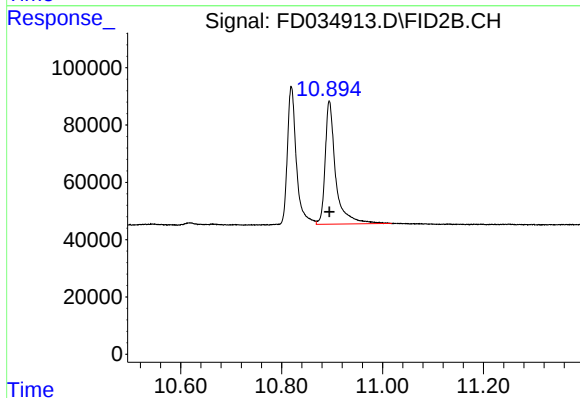
#8 Flouorene (C16.55)

R.T.: 9.423 min
Delta R.T.: 0.000 min
Response: 596103
Conc: 4.26 ug/ml



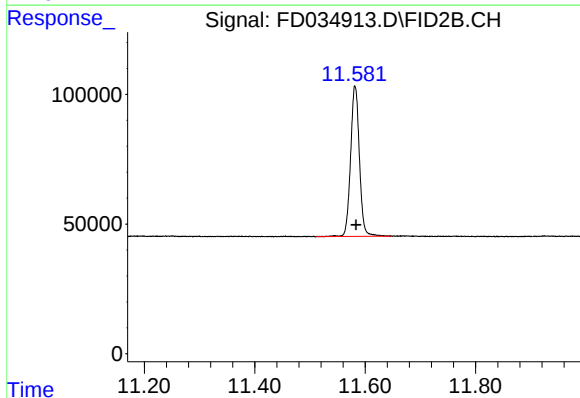
#9 Phenanthrene (C19.36)

R.T.: 10.819 min
Delta R.T.: 0.000 min
Response: 595515
Conc: 4.30 ug/ml



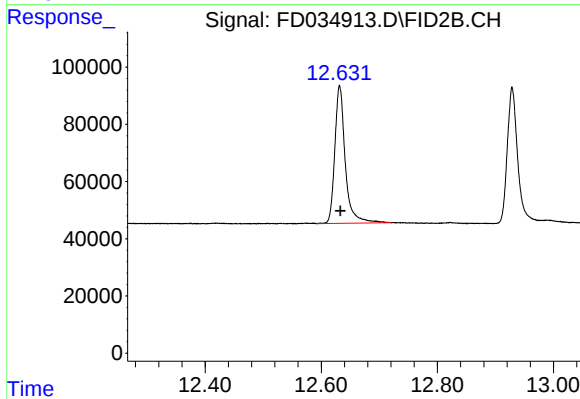
#10 Anthracene (C19.43)

R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 622717
Conc: 4.48 ug/ml



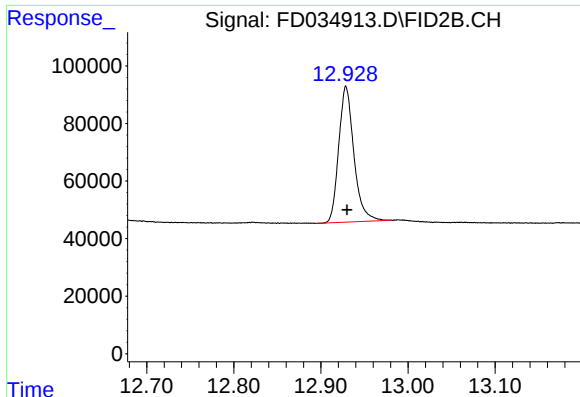
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.001 min
Response: 641756
Conc: 4.55 ug/ml



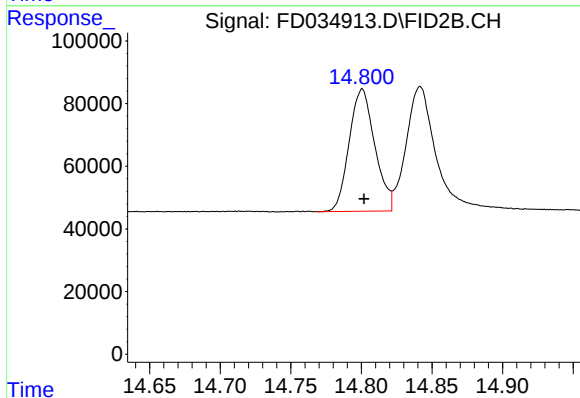
#12 Fluoranthene (C21.85)

R.T.: 12.632 min
Delta R.T.: -0.001 min
Response: 600230
Conc: 4.41 ug/ml



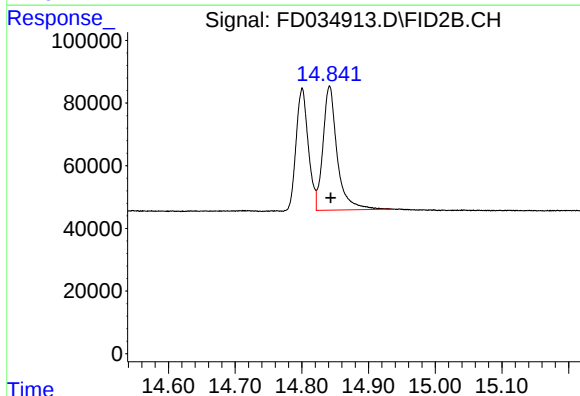
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 570173
Conc: 4.33 ug/ml



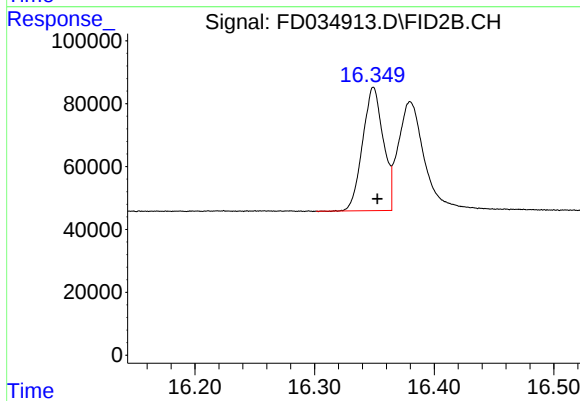
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 492742
Conc: 4.14 ug/ml



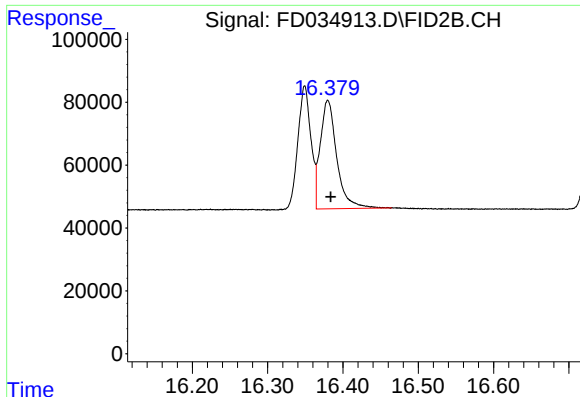
#15 Chrysene (C27.41)

R.T.: 14.842 min
Delta R.T.: -0.002 min
Response: 588683
Conc: 4.70 ug/ml



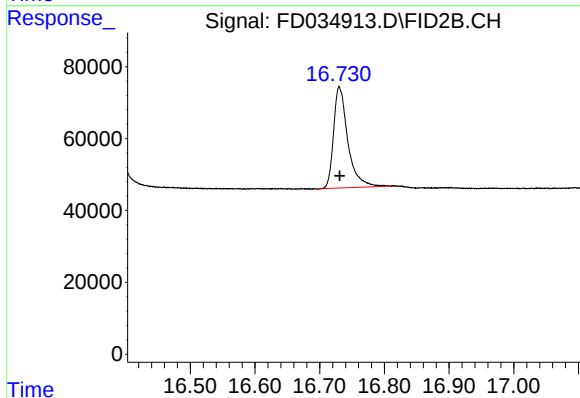
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.349 min
Delta R.T.: -0.003 min
Response: 471239
Conc: 4.23 ug/ml



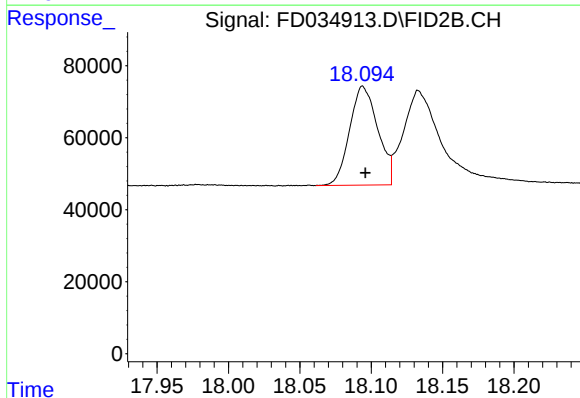
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: -0.004 min
Response: 524875
Conc: 4.72 ug/ml



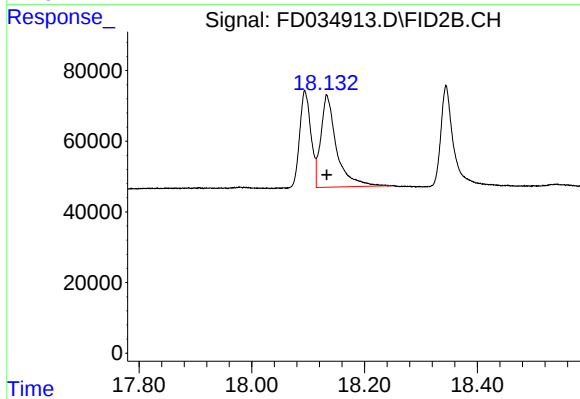
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 431231
Conc: 4.22 ug/ml



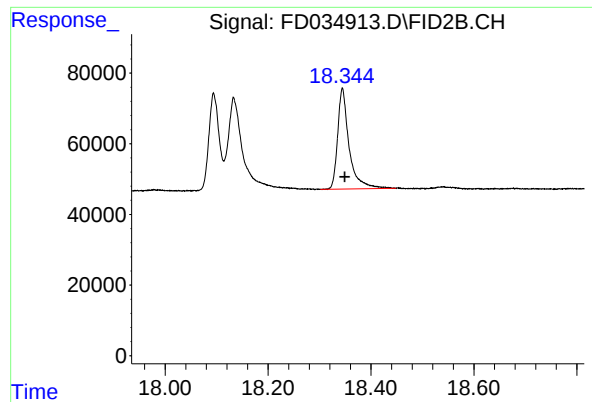
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: -0.001 min
Response: 377400
Conc: 3.97 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 504216
Conc: 4.80 ug/ml



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

R.T.: 18.345 min
Delta R.T.: -0.005 min
Response: 438763
Conc: 4.42 ug/ml