

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100319AR\
 Data File : FD030886.D
 Signal(s) : FID2B.CH
 Acq On : 03 Oct 2019 21:20
 Operator : DD\AJ
 Sample : K5094-05MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 02:18:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.574	7178283	42.156 ug/ml
Spiked Amount 50.000		Recovery =	84.31%
6) S 2-Fluorobiphenyl (SURR)	8.435	4200716	36.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.85%
11) S ortho-Terphenyl (SURR)	11.462	4302969	23.043 ug/ml
Spiked Amount 50.000		Recovery =	46.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	6331806	34.382 ug/ml
2) T Naphthalene (C11.7)	5.915	8013074	41.672 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	8344064	43.806 ug/ml
5) T Acenaphthylene (C15.06)	8.239	8183908	44.432 ug/ml
7) T Acenaphthene (C15.5)	8.536	8725114	45.203 ug/ml
8) T Flouorene (C16.55)	9.315	8660218	45.818 ug/ml
9) T Phenanthrene (C19.36)	10.708	8688704	46.207 ug/ml
10) T Anthracene (C19.43)	10.785	8742734	47.838 ug/ml
12) T Fluoranthene (C21.85)	12.516	8640175	46.211 ug/ml
13) T Pyrene (C20.8)	12.812	8381785	45.579 ug/ml
14) T Benzo[a]anthracene (C...	14.678	7806623	45.120 ug/ml
15) T Chrysene (C27.41)	14.725	8534307	48.084 ug/ml
16) T benzo[b]fluoranthene ...	16.228	8237288	48.905 ug/ml
17) T Bnezo[k]fluoranthene ...	16.265	7889765	46.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.607	7533737	45.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.974	8183026	52.231 ug/ml
20) T Dibenz[a,h]anthracene...	18.009	7387281	47.211 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	7968590	51.745 ug/ml

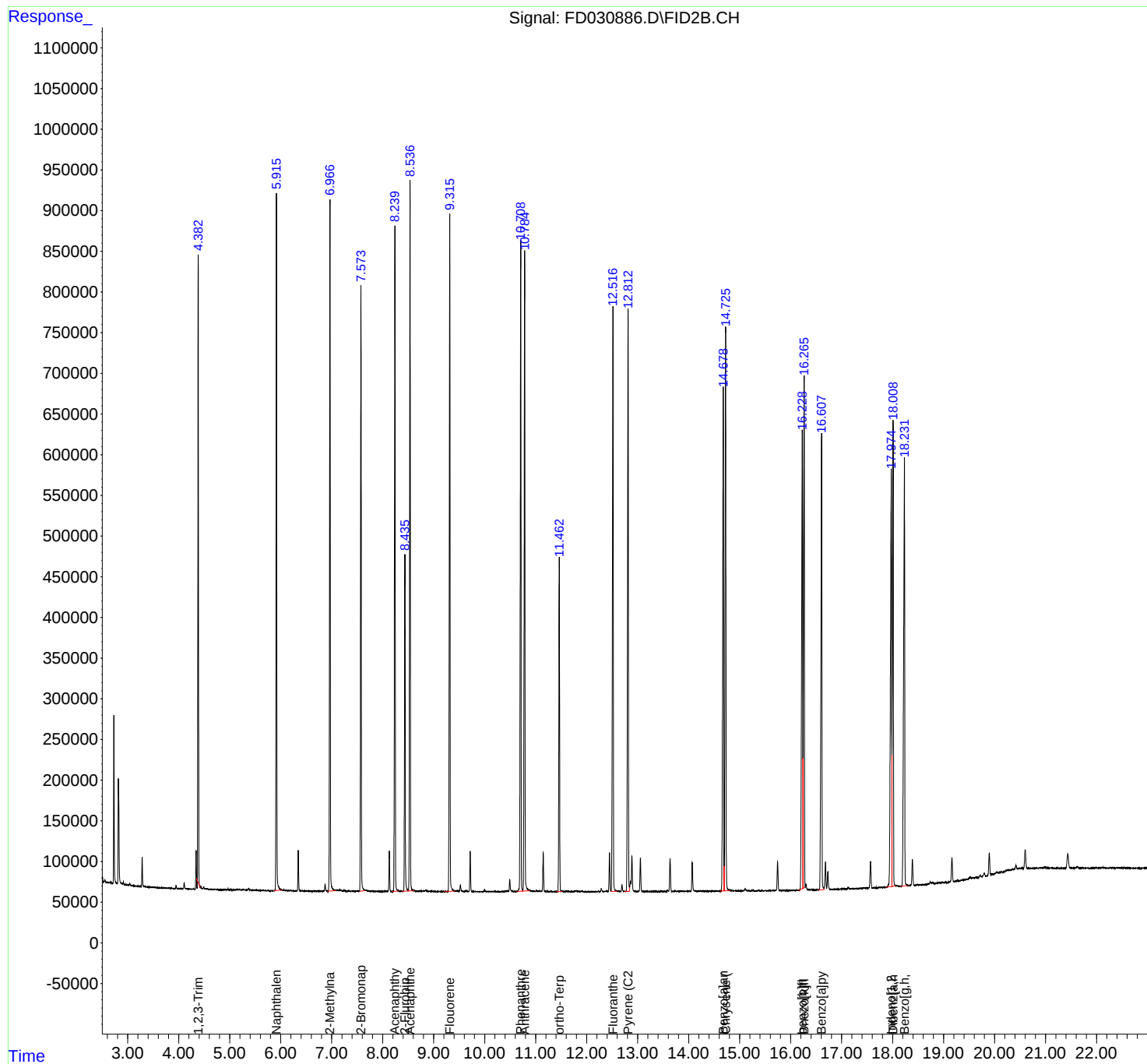
(f)=RT Delta > 1/2 Window

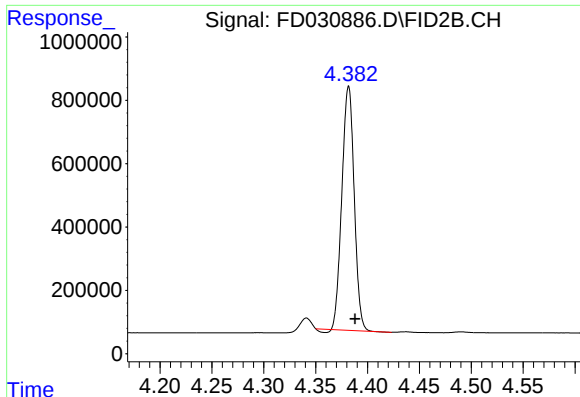
(m)=manual int.

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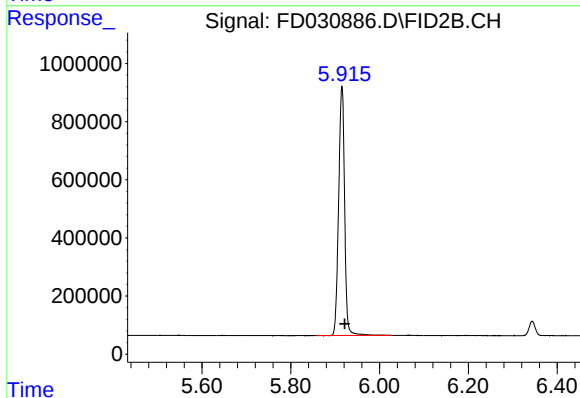
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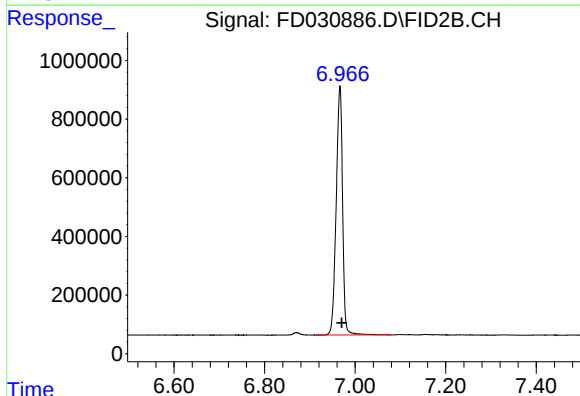
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 6331806
Conc: 34.38 ug/ml



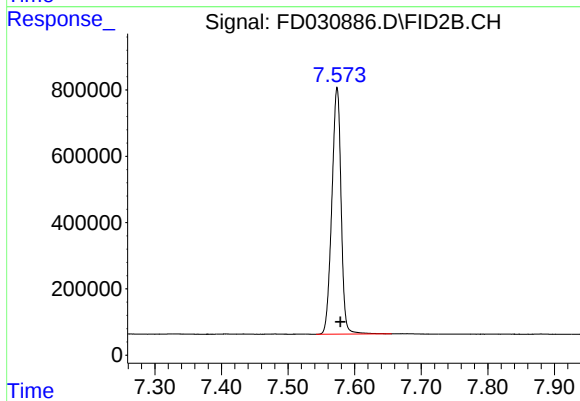
#2 Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.006 min
Response: 8013074
Conc: 41.67 ug/ml



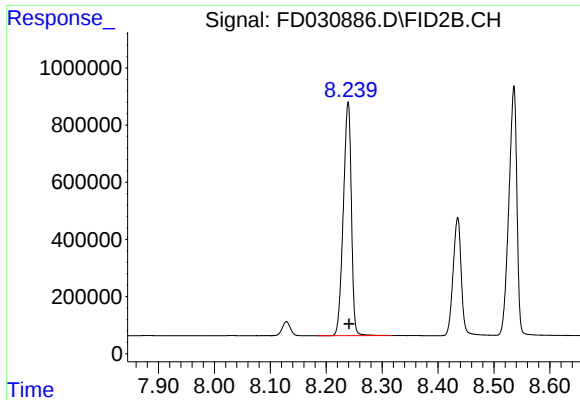
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: -0.004 min
Response: 8344064
Conc: 43.81 ug/ml



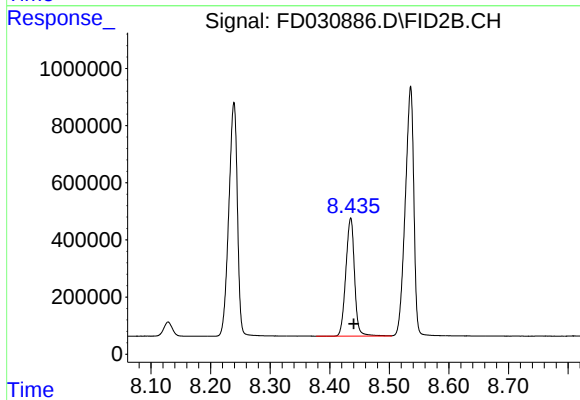
#4 2-Bromonaphthalene (SURR)

R.T.: 7.574 min
Delta R.T.: -0.005 min
Response: 7178283
Conc: 42.16 ug/ml



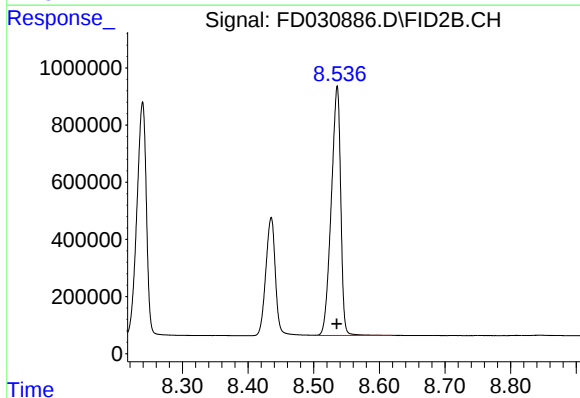
#5 Acenaphthylene (C15.06)

R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 8183908
Conc: 44.43 ug/ml



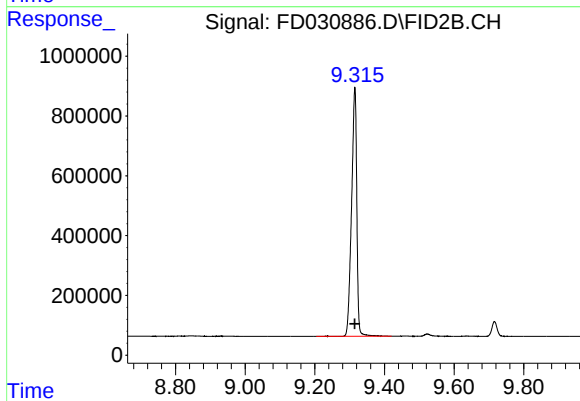
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.435 min
Delta R.T.: -0.005 min
Response: 4200716
Conc: 36.42 ug/ml



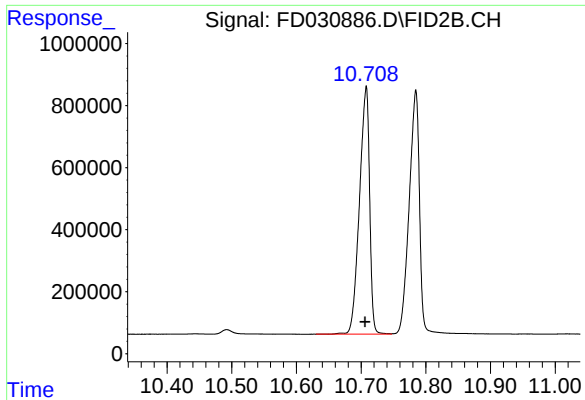
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 8725114
Conc: 45.20 ug/ml



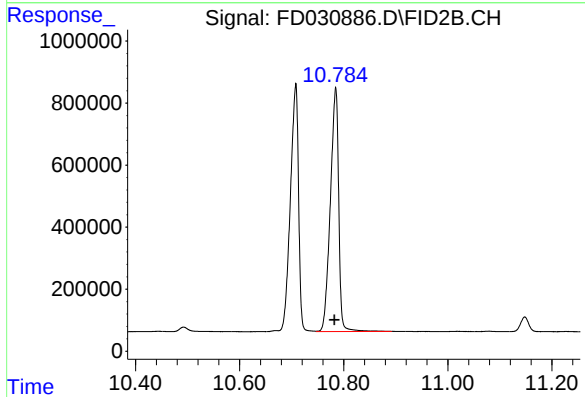
#8 Flouorene (C16.55)

R.T.: 9.315 min
Delta R.T.: 0.000 min
Response: 8660218
Conc: 45.82 ug/ml



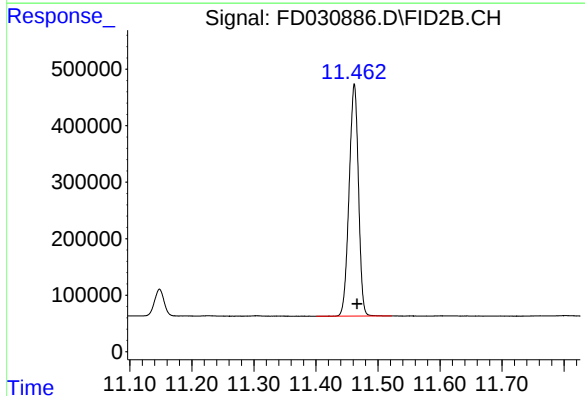
#9 Phenanthrene (C19.36)

R.T.: 10.708 min
Delta R.T.: 0.002 min
Response: 8688704
Conc: 46.21 ug/ml



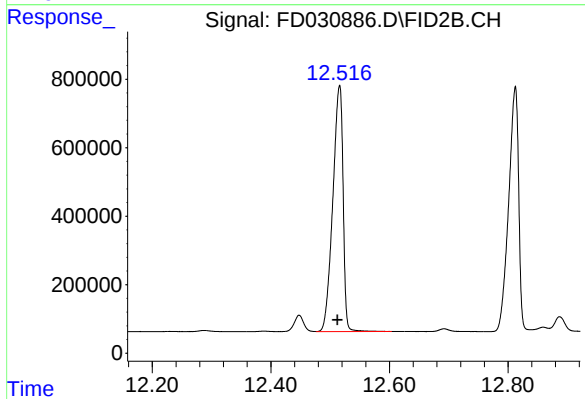
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: 0.003 min
Response: 8742734
Conc: 47.84 ug/ml



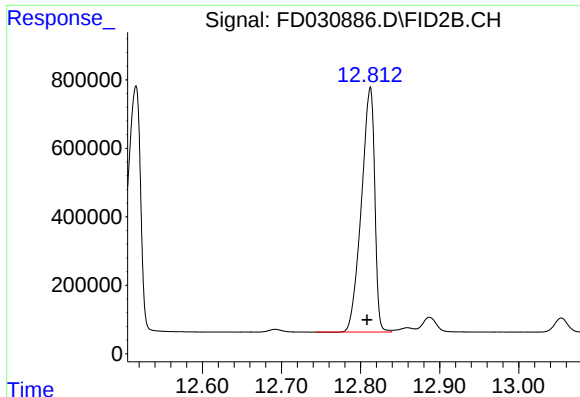
#11 ortho-Terphenyl (SURR)

R.T.: 11.462 min
Delta R.T.: -0.005 min
Response: 4302969
Conc: 23.04 ug/ml



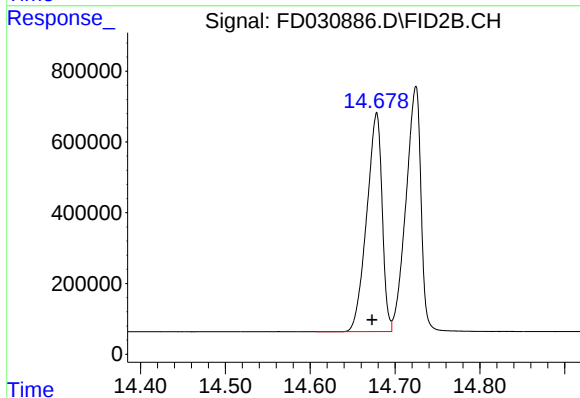
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: 0.003 min
Response: 8640175
Conc: 46.21 ug/ml



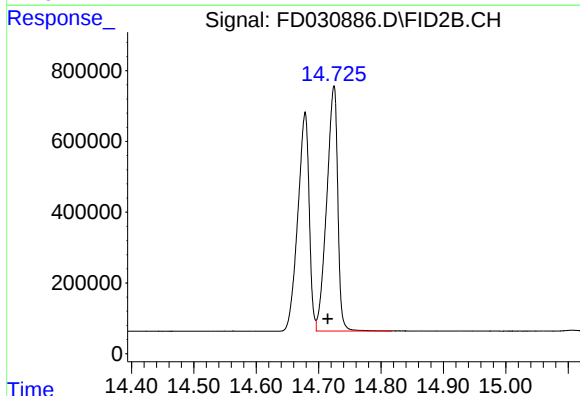
#13 Pyrene (C20.8)

R.T.: 12.812 min
Delta R.T.: 0.004 min
Response: 8381785
Conc: 45.58 ug/ml



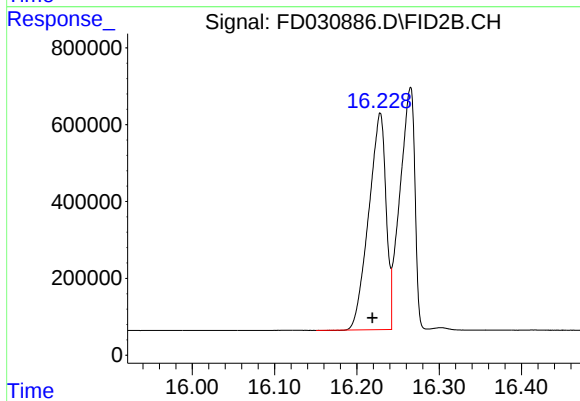
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.678 min
Delta R.T.: 0.005 min
Response: 7806623
Conc: 45.12 ug/ml



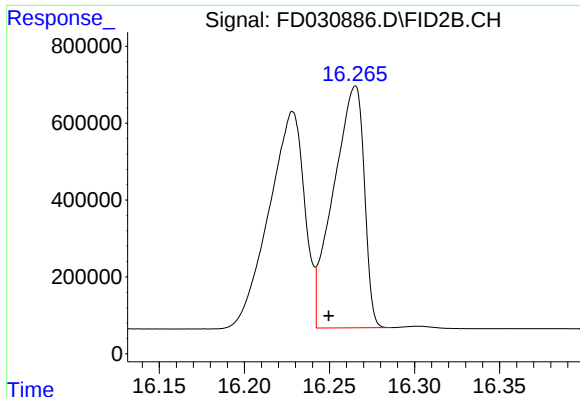
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: 0.010 min
Response: 8534307
Conc: 48.08 ug/ml



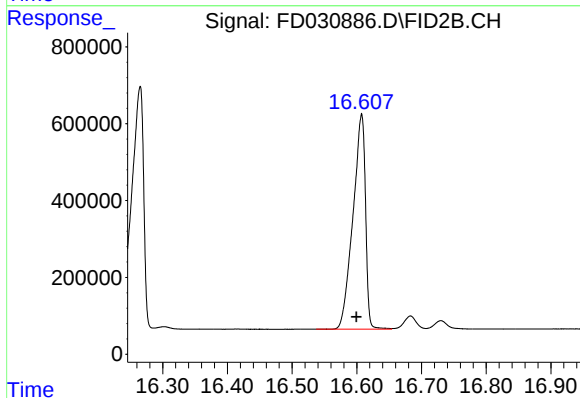
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: 0.010 min
Response: 8237288
Conc: 48.91 ug/ml



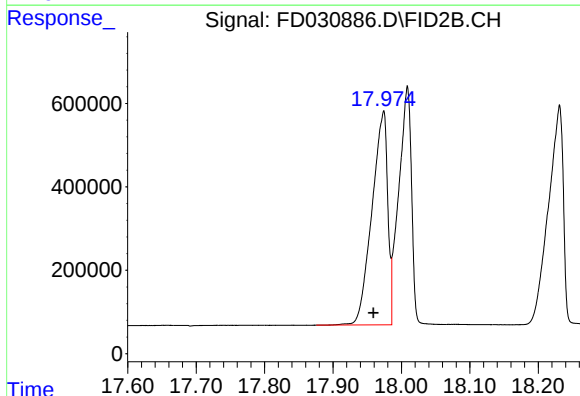
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.265 min
Delta R.T.: 0.015 min
Response: 7889765
Conc: 46.30 ug/ml



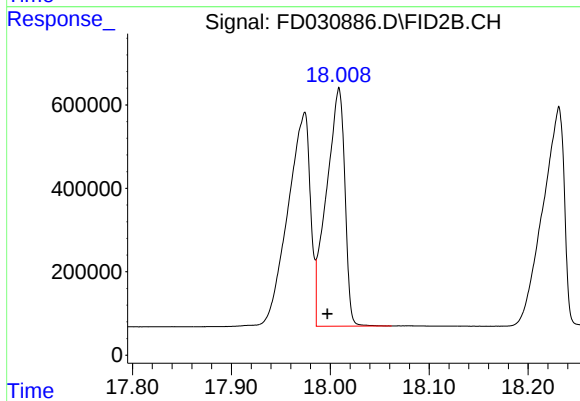
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.607 min
Delta R.T.: 0.008 min
Response: 7533737
Conc: 45.89 ug/ml



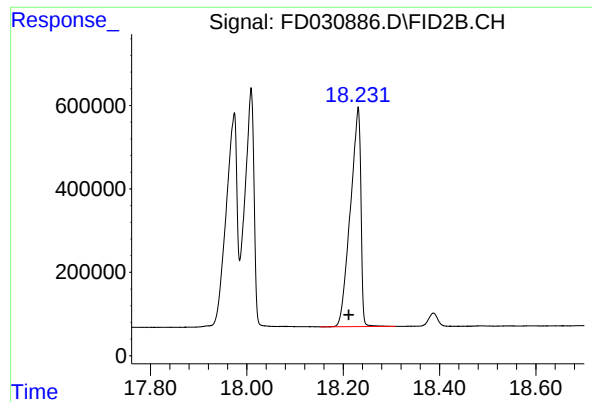
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.974 min
Delta R.T.: 0.015 min
Response: 8183026
Conc: 52.23 ug/ml



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

R.T.: 18.009 min
Delta R.T.: 0.012 min
Response: 7387281
Conc: 47.21 ug/ml



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

R.T.: 18.231 min
Delta R.T.: 0.019 min
Response: 7968590
Conc: 51.75 ug/ml