

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035835.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 5:49
 Operator : DD\AJ
 Sample : PB133722BSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 06:44:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 02:53:45 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...	7.589	6801417	62.324 ug/ml
Spiked Amount 50.000		Recovery =	124.65%
6) S 2-Fluorobiphenyl (SURR)	8.455	4019978	57.984 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.97%
11) S ortho-Terphenyl (SURR)	11.488	6139858	47.502 ug/ml
Spiked Amount 50.000		Recovery =	95.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	4518307	36.265 ug/ml
2) T Naphthalene (C11.7)	5.927	5237824	41.702 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	5466627	43.608 ug/ml
5) T Acenaphthylene (C15.06)	8.255	5732644	45.316 ug/ml
7) T Acenaphthene (C15.5)	8.549	5733035	42.267 ug/ml
8) T Fluorene (C16.55)	9.332	5753297	47.166 ug/ml
9) T Phenanthrene (C19.36)	10.729	6057188	50.026 ug/ml
10) T Anthracene (C19.43)	10.806	6240891	50.222 ug/ml
12) T Fluoranthene (C21.85)	12.543	6179264	50.705 ug/ml
13) T Pyrene (C20.8)	12.840	6048221	49.434 ug/ml
14) T Benzo[a]anthracene (C...	14.716	5431536	55.574 ug/ml
15) T Chrysene (C27.41)	14.759	6395951	52.444 ug/ml
16) T benzo[b]fluoranthene ...	16.271	5201212	54.805 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	5334703	48.212 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	4983730	54.741 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	5134256	63.586 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5134256	48.268 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	4898511	52.984 ug/ml

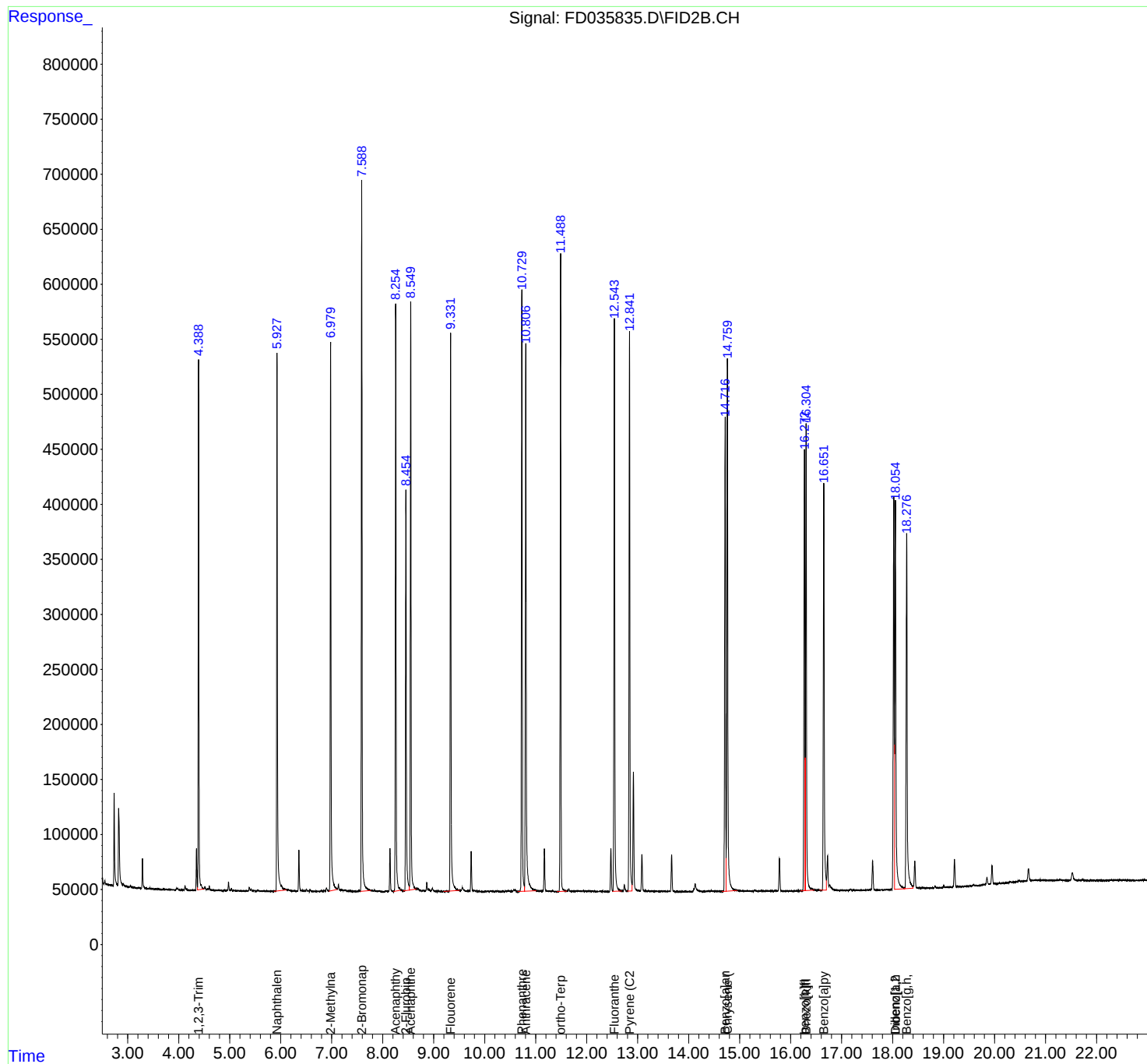
(f)=RT Delta > 1/2 Window

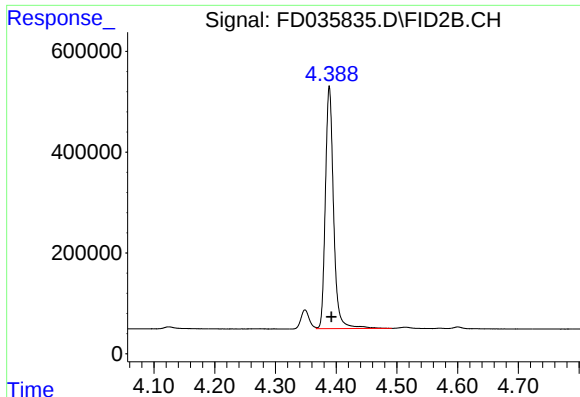
(m)=manual int.

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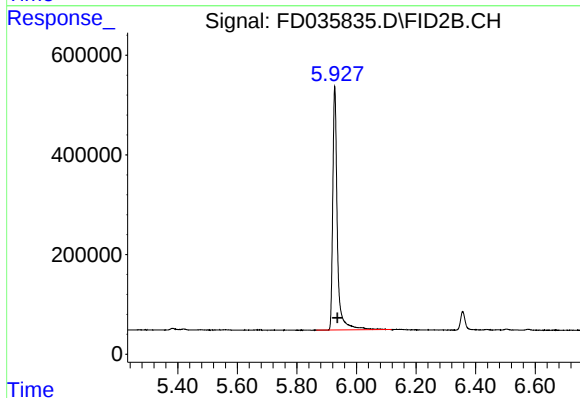
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Signal Info : 20M x 0.18mm x 0.18µm





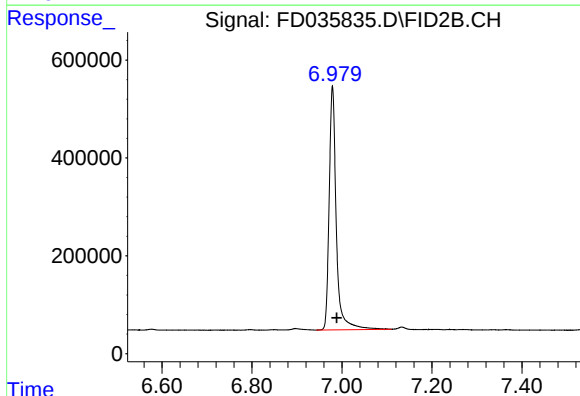
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 4518307
Conc: 36.26 ug/ml



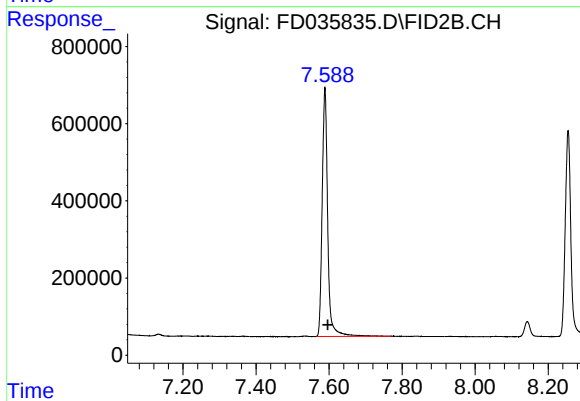
#2 Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.009 min
Response: 5237824
Conc: 41.70 ug/ml



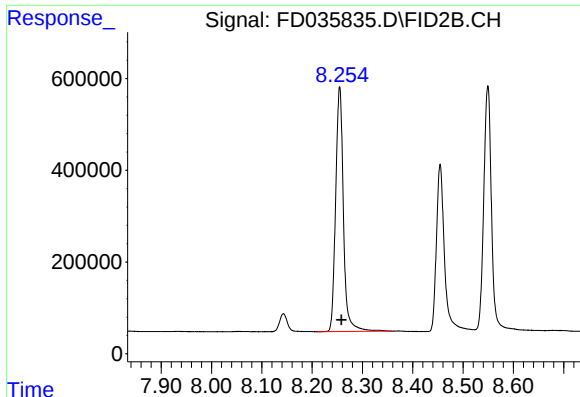
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.009 min
Response: 5466627
Conc: 43.61 ug/ml



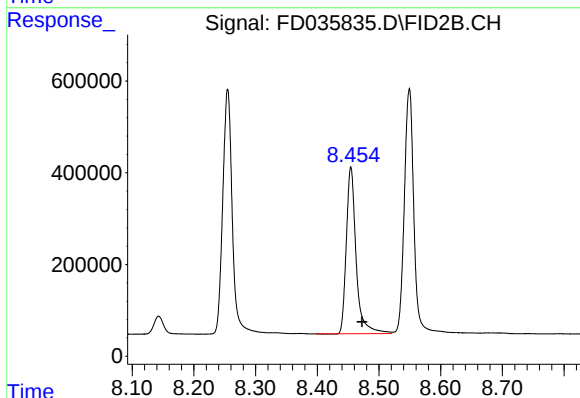
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 6801417
Conc: 62.32 ug/ml



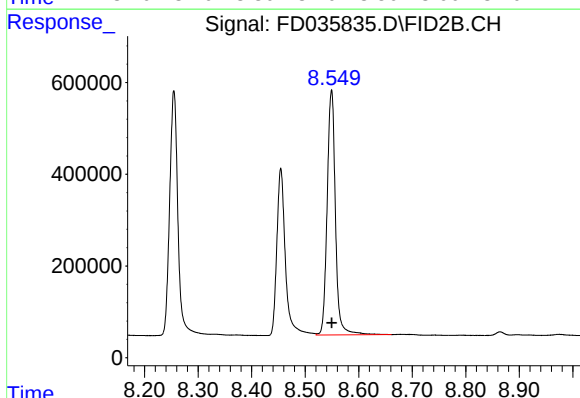
#5 Acenaphthylene (C15.06)

R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 5732644
Conc: 45.32 ug/ml



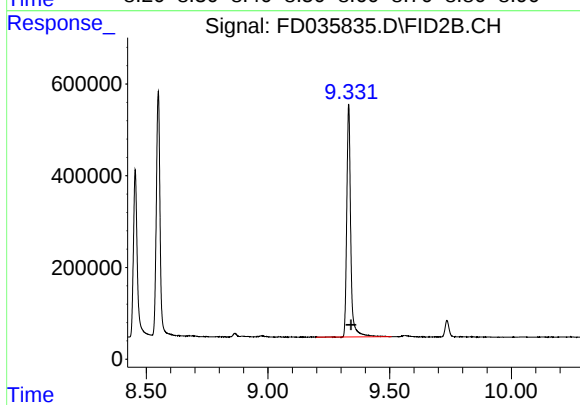
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.018 min
Response: 4019978
Conc: 57.98 ug/ml



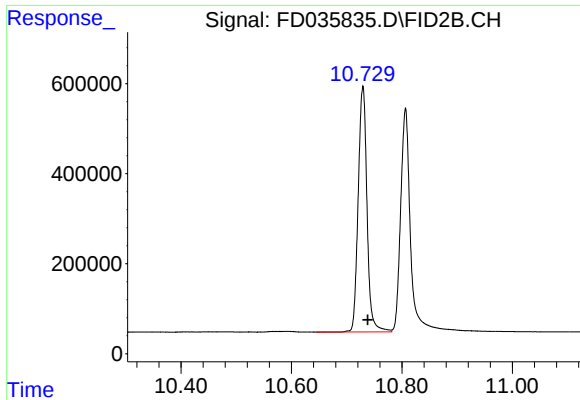
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: 0.000 min
Response: 5733035
Conc: 42.27 ug/ml



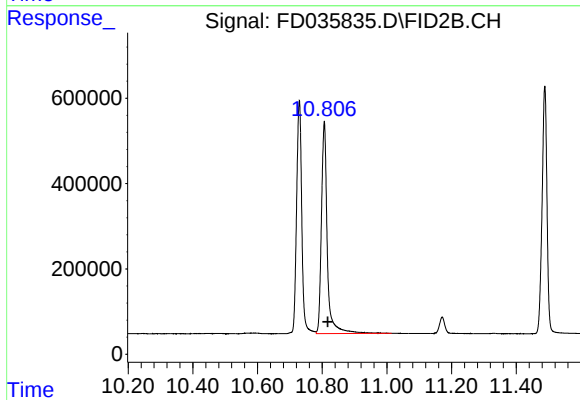
#8 Fluorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.010 min
Response: 5753297
Conc: 47.17 ug/ml



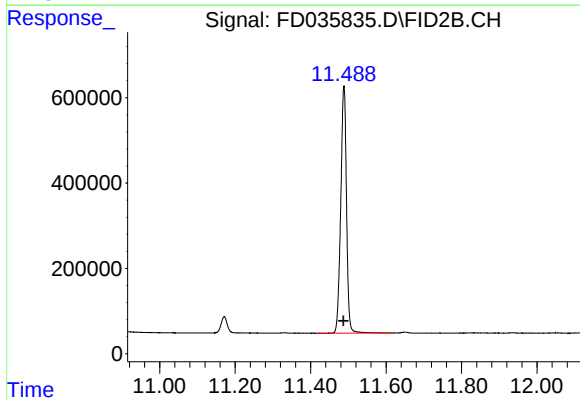
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.009 min
Response: 6057188
Conc: 50.03 ug/ml



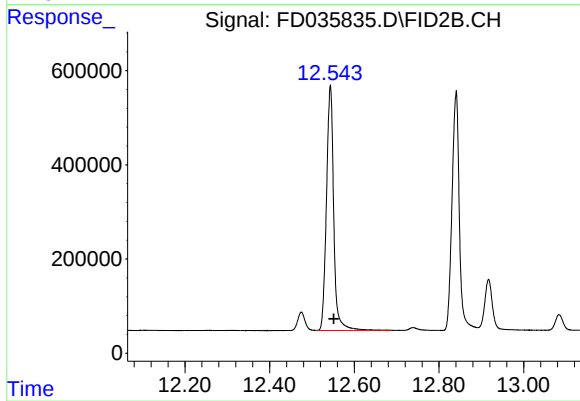
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: -0.011 min
Response: 6240891
Conc: 50.22 ug/ml



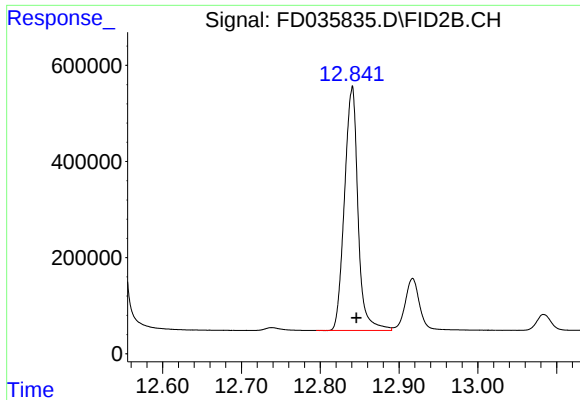
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: 0.002 min
Response: 6139858
Conc: 47.50 ug/ml



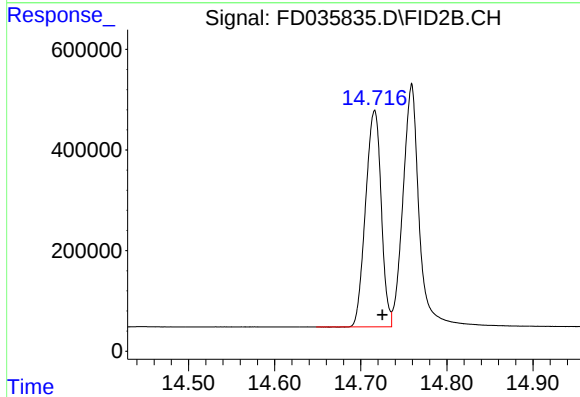
#12 Fluoranthene (C21.85)

R.T.: 12.543 min
Delta R.T.: -0.008 min
Response: 6179264
Conc: 50.70 ug/ml



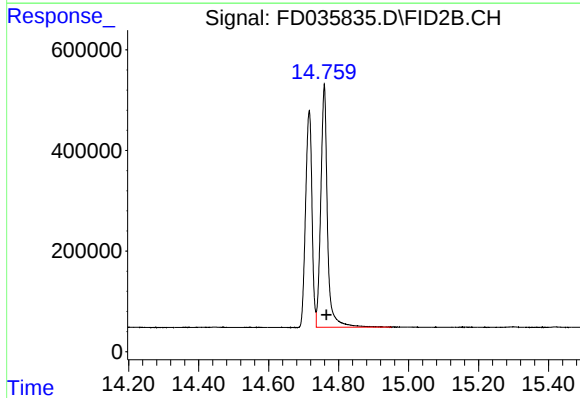
#13 Pyrene (C20.8)

R.T.: 12.840 min
Delta R.T.: -0.006 min
Response: 6048221
Conc: 49.43 ug/ml



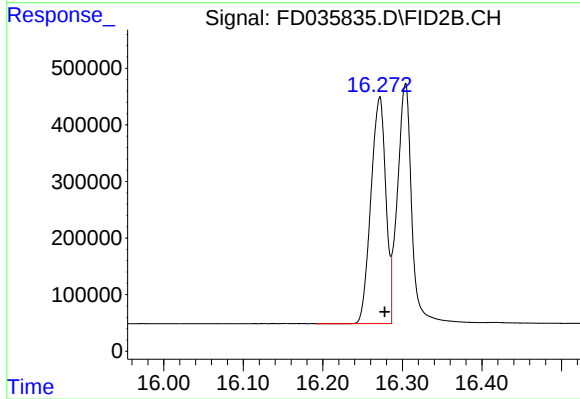
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: -0.009 min
Response: 5431536
Conc: 55.57 ug/ml



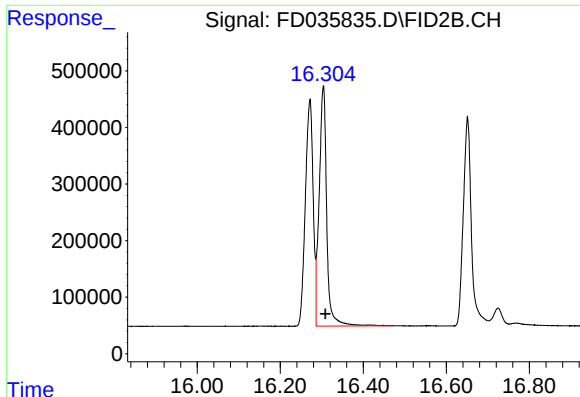
#15 Chrysene (C27.41)

R.T.: 14.759 min
Delta R.T.: -0.007 min
Response: 6395951
Conc: 52.44 ug/ml



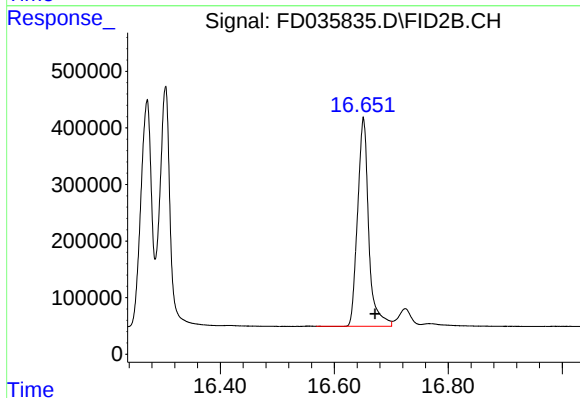
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.271 min
Delta R.T.: -0.007 min
Response: 5201212
Conc: 54.81 ug/ml



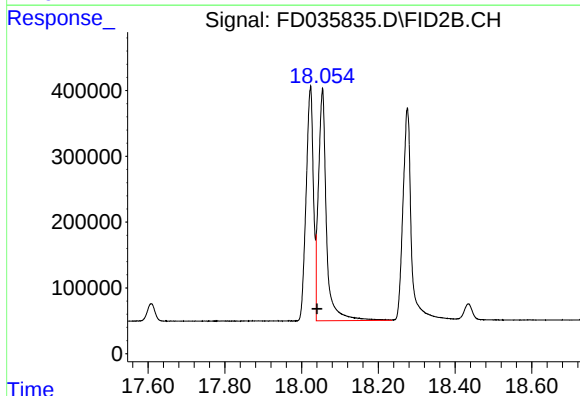
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.005 min
Response: 5334703
Conc: 48.21 ug/ml



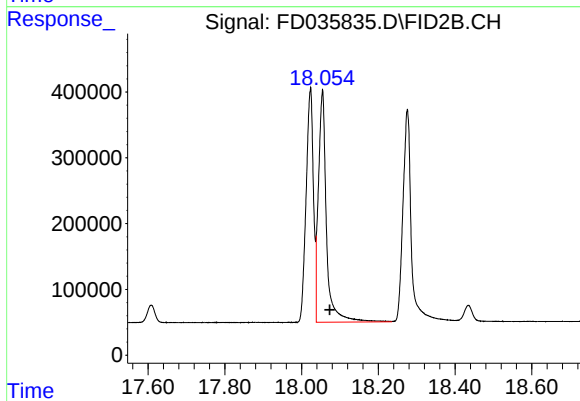
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.021 min
Response: 4983730
Conc: 54.74 ug/ml



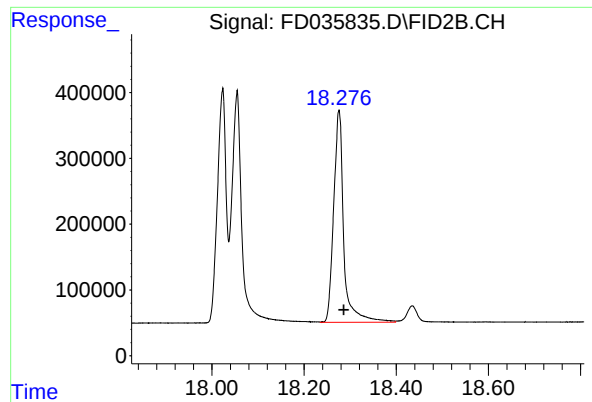
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: 0.013 min
Response: 5134256
Conc: 63.59 ug/ml



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

R.T.: 18.054 min
Delta R.T.: -0.020 min
Response: 5134256
Conc: 48.27 ug/ml



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

R.T.: 18.275 min
Delta R.T.: -0.011 min
Response: 4898511
Conc: 52.98 ug/ml