

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081919AR\
 Data File : FD030187.D
 Signal(s) : FID2B.CH
 Acq On : 19 Aug 2019 17:26
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:14:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:48:54 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...	7.662	3060480	19.900 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
6) S 2-Fluorobiphenyl (SURR)	8.528	1973976	18.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.78%
11) S ortho-Terphenyl (SURR)	11.563	2942989	17.825 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.461	3466313	20.953 ug/ml
2) T Naphthalene (C11.7)	6.002	3561304	20.416 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	3434454	19.988 ug/ml
5) T Acenaphthylene (C15.06)	8.331	3146736	18.981 ug/ml
7) T Acenaphthene (C15.5)	8.626	3272414	19.092 ug/ml
8) T Flouorene (C16.55)	9.407	3150377	18.543 ug/ml
9) T Phenanthrene (C19.36)	10.803	2927116	17.369 ug/ml
10) T Anthracene (C19.43)	10.878	2845798	17.376 ug/ml
12) T Fluoranthene (C21.85)	12.613	2746973	16.525 ug/ml
13) T Pyrene (C20.8)	12.910	2725324	16.498 ug/ml
14) T Benzo[a]anthracene (C...	14.778	2623784	17.249 ug/ml
15) T Chrysene (C27.41)	14.820	2644416	17.323 ug/ml
16) T benzo[b]fluoranthene ...	16.326	2714221	18.943 ug/ml
17) T Bnezo[k]fluoranthene ...	16.359	2693794	18.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	2704233	19.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	2721668	21.709 ug/ml
20) T Dibenz[a,h]anthracene...	18.106	2674400	21.654 ug/ml
21) T Benzo[g,h,i]perylene ...	18.324	2710084	22.286 ug/ml

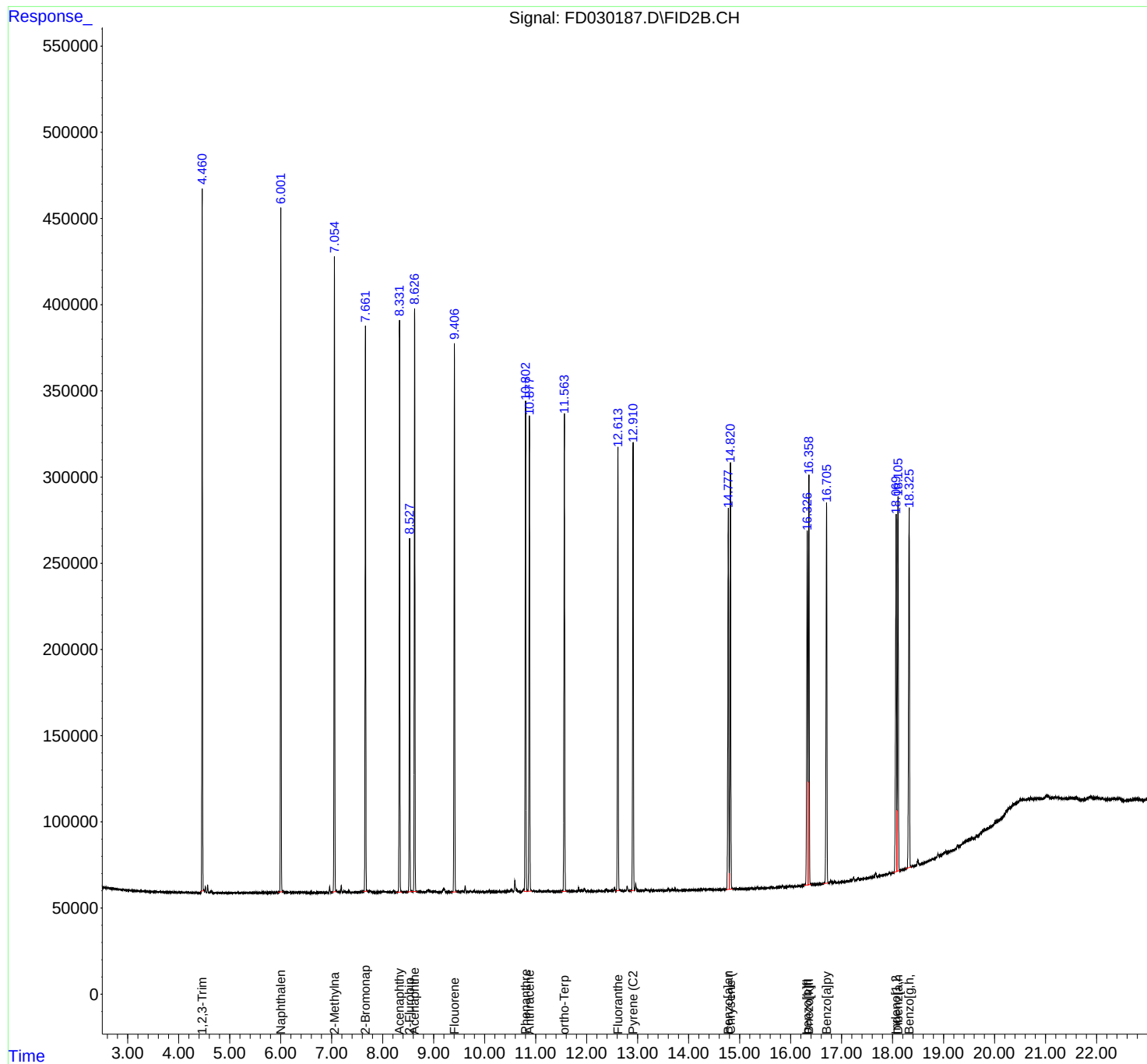
(f)=RT Delta > 1/2 Window

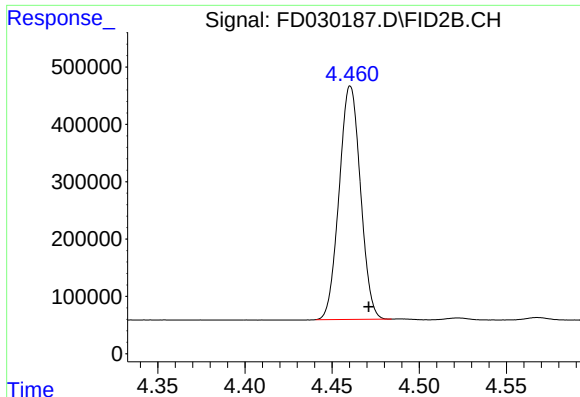
(m)=manual int.

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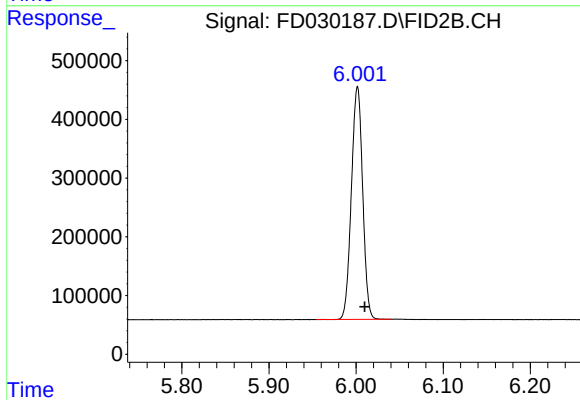
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Signal Info : 20M x 0.18mm x 0.18µm





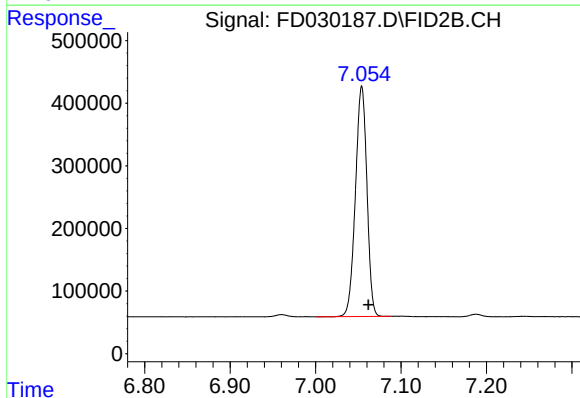
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.461 min
Delta R.T.: -0.010 min
Response: 3466313
Conc: 20.95 ug/ml



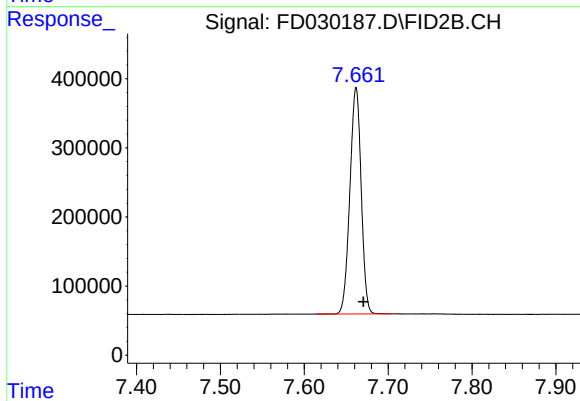
#2 Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.008 min
Response: 3561304
Conc: 20.42 ug/ml



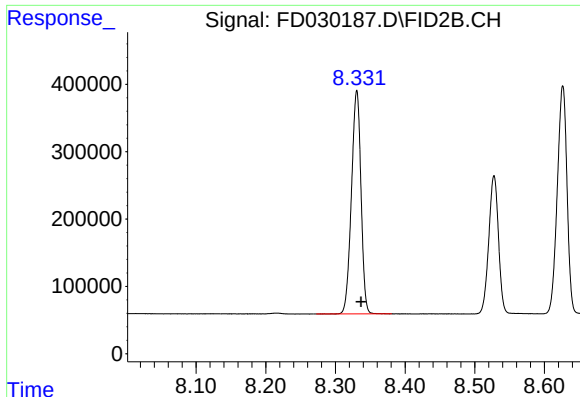
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.008 min
Response: 3434454
Conc: 19.99 ug/ml



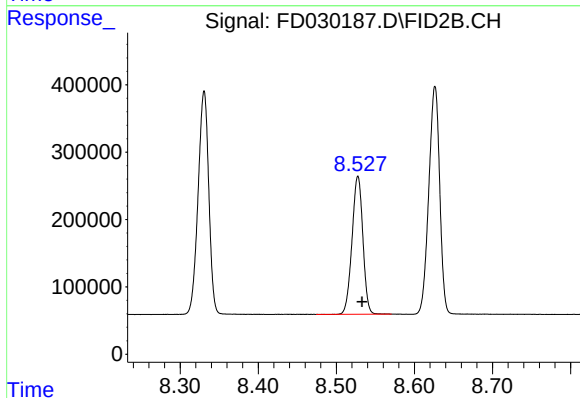
#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: -0.009 min
Response: 3060480
Conc: 19.90 ug/ml



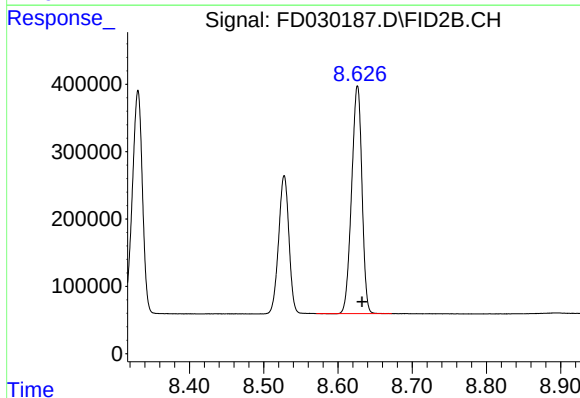
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.006 min
Response: 3146736
Conc: 18.98 ug/ml



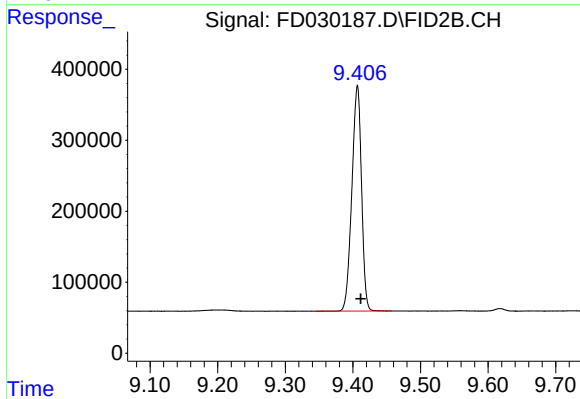
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min
Delta R.T.: -0.005 min
Response: 1973976
Conc: 18.89 ug/ml



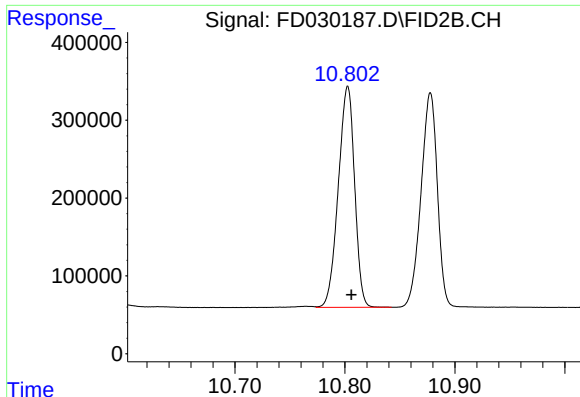
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.006 min
Response: 3272414
Conc: 19.09 ug/ml



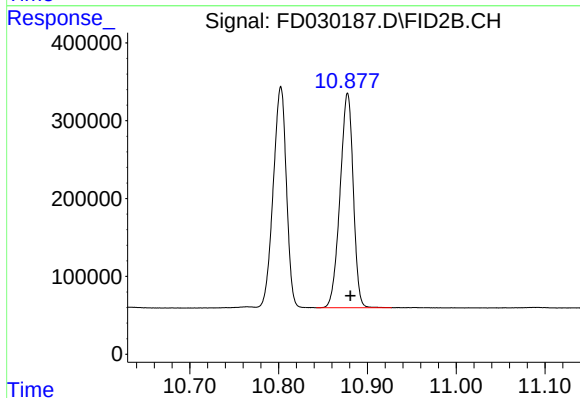
#8 Fluorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.005 min
Response: 3150377
Conc: 18.54 ug/ml



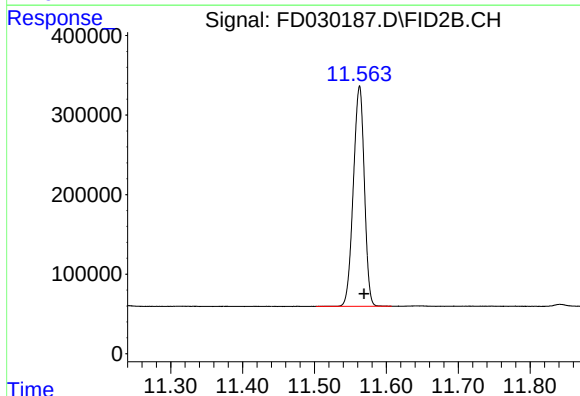
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.003 min
Response: 2927116
Conc: 17.37 ug/ml



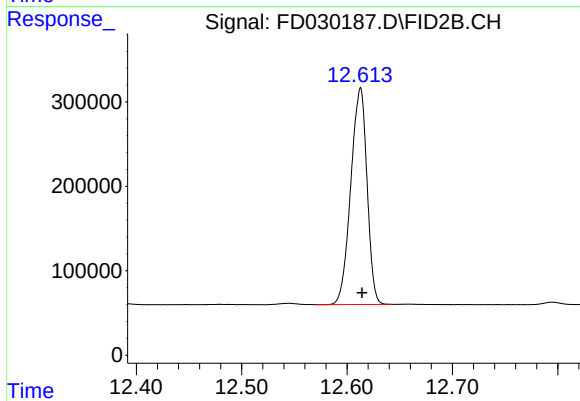
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: -0.003 min
Response: 2845798
Conc: 17.38 ug/ml



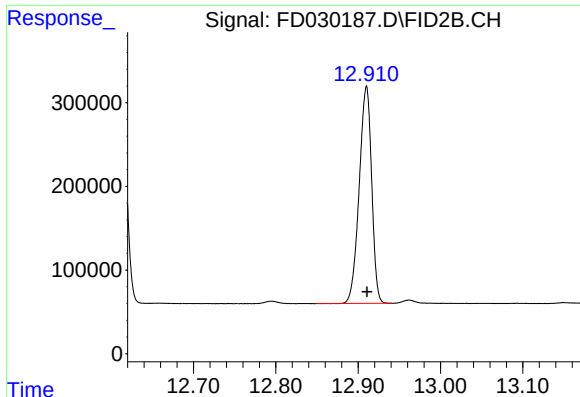
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.006 min
Response: 2942989
Conc: 17.83 ug/ml



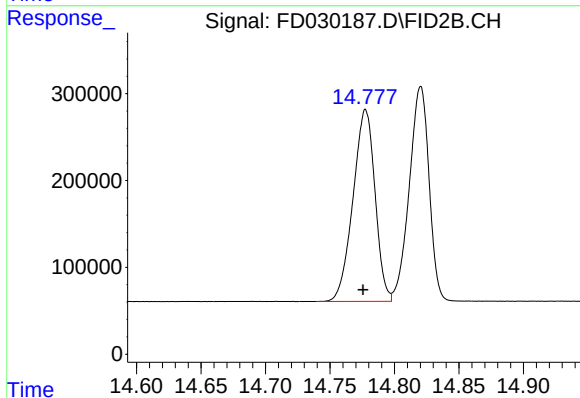
#12 Fluoranthene (C21.85)

R.T.: 12.613 min
Delta R.T.: -0.001 min
Response: 2746973
Conc: 16.53 ug/ml



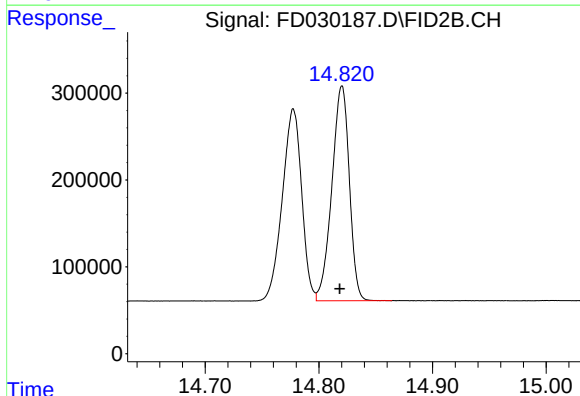
#13 Pyrene (C20.8)

R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 2725324
Conc: 16.50 ug/ml



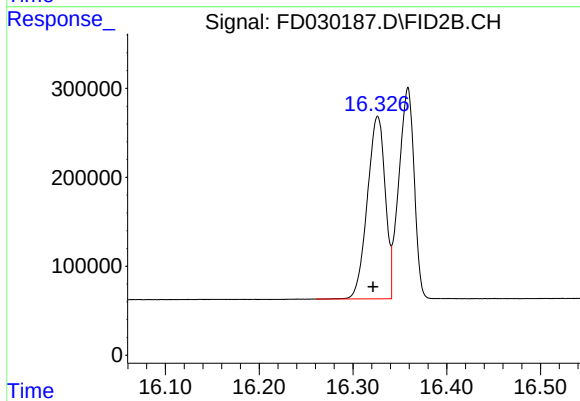
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.778 min
Delta R.T.: 0.002 min
Response: 2623784
Conc: 17.25 ug/ml



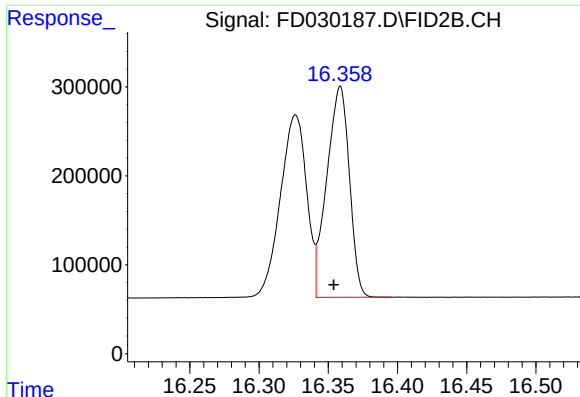
#15 Chrysene (C27.41)

R.T.: 14.820 min
Delta R.T.: 0.002 min
Response: 2644416
Conc: 17.32 ug/ml



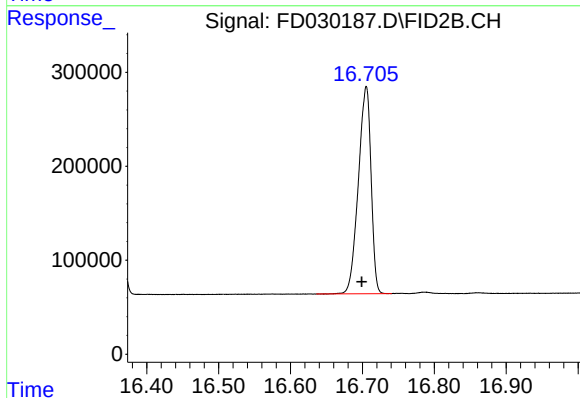
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.326 min
Delta R.T.: 0.005 min
Response: 2714221
Conc: 18.94 ug/ml



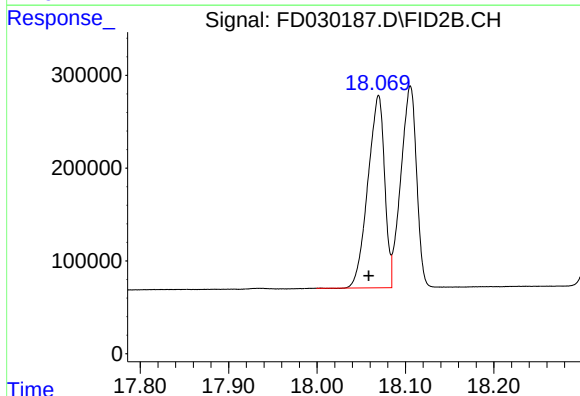
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.359 min
Delta R.T.: 0.005 min
Response: 2693794
Conc: 18.93 ug/ml



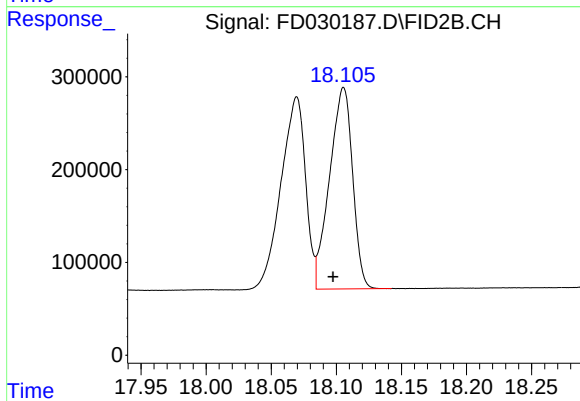
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: 0.006 min
Response: 2704233
Conc: 19.52 ug/ml



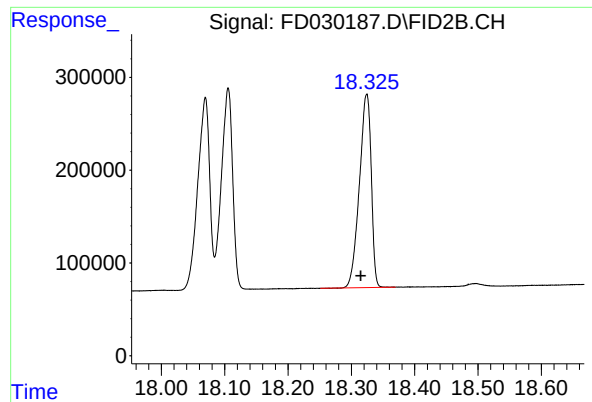
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.011 min
Response: 2721668
Conc: 21.71 ug/ml



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

R.T.: 18.106 min
Delta R.T.: 0.008 min
Response: 2674400
Conc: 21.65 ug/ml



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

R.T.: 18.324 min
Delta R.T.: 0.009 min
Response: 2710084
Conc: 22.29 ug/ml