

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092021AR\
 Data File : FD038830.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2021 22:40
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 04:23:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:21:35 2021
 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...	7.764	1409847	10.015 ug/ml
Spiked Amount 50.000		Recovery =	20.03%
6) S 2-Fluorobiphenyl (SURR)	8.631	967745	9.996 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.99%
11) S ortho-Terphenyl (SURR)	11.675	1492285	9.994 ug/ml
Spiked Amount 50.000		Recovery =	19.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	1495284	10.026 ug/ml
2) T Naphthalene (C11.7)	6.100	1584051	10.022 ug/ml
3) T 2-Methylnaphthalene (...)	7.154	1605035	10.021 ug/ml
5) T Acenaphthylene (C15.06)	8.435	1490347	10.048 ug/ml
7) T Acenaphthene (C15.5)	8.730	1562026	10.011 ug/ml
8) T Fluorene (C16.55)	9.511	1547580	9.982 ug/ml
9) T Phenanthrene (C19.36)	10.912	1507643	9.939 ug/ml
10) T Anthracene (C19.43)	10.986	1515514	9.967 ug/ml
12) T Fluoranthene (C21.85)	12.726	1485830	9.973 ug/ml
13) T Pyrene (C20.8)	13.024	1439950	9.985 ug/ml
14) T Benzo[a]anthracene (C...	14.894	1263297	9.928 ug/ml
15) T Chrysene (C27.41)	14.936	1325439	9.977 ug/ml
16) T benzo[b]fluoranthene ...	16.443	1142618	9.911 ug/ml
17) T Bnezo[k]fluoranthene ...	16.474	1136127	9.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.822	1087136	9.938 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.183	998883	9.934 ug/ml
20) T Dibenz[a,h]anthracene...	18.224	1035556	10.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.438	1011220	9.989 ug/ml

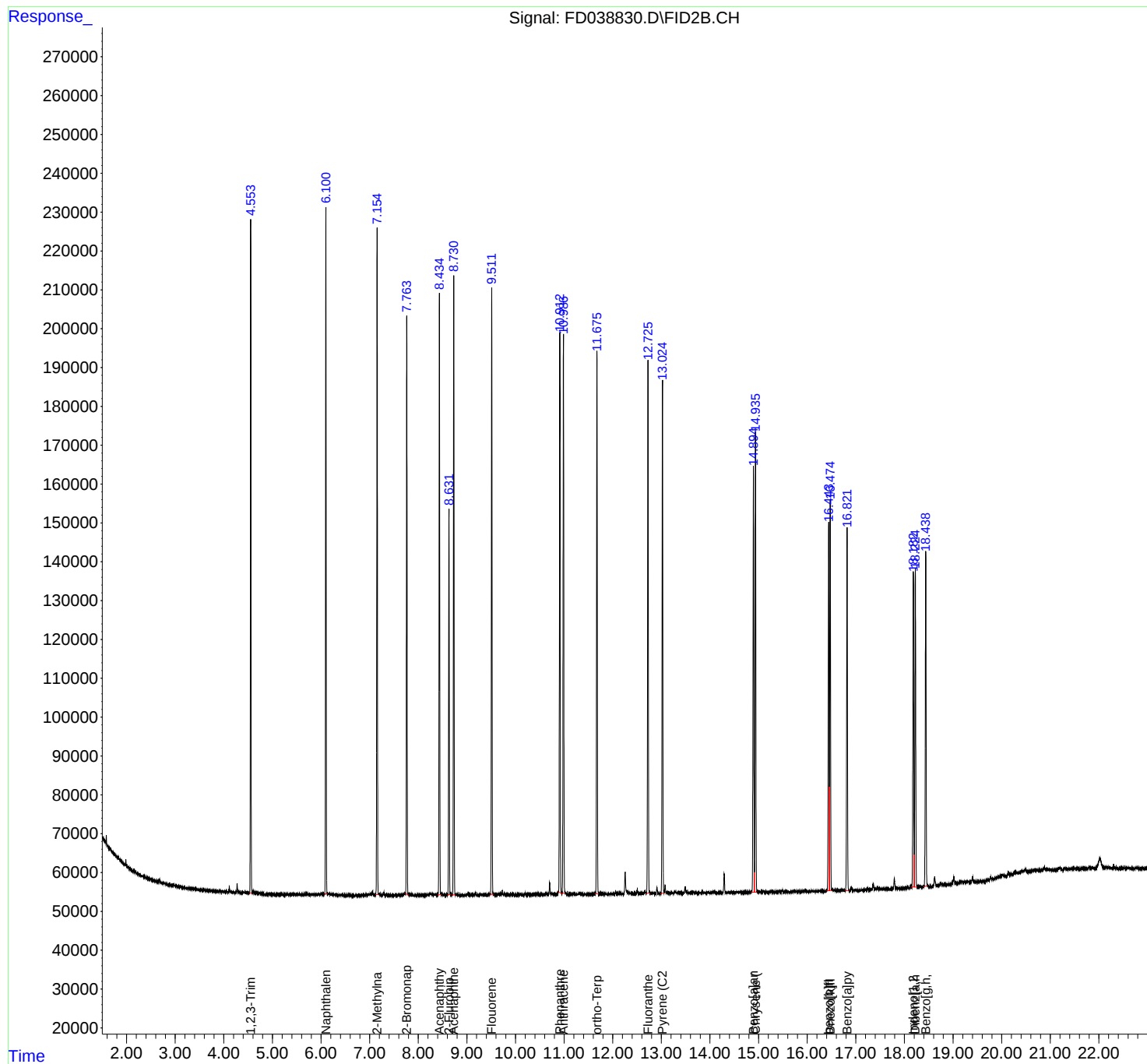
(f)=RT Delta > 1/2 Window

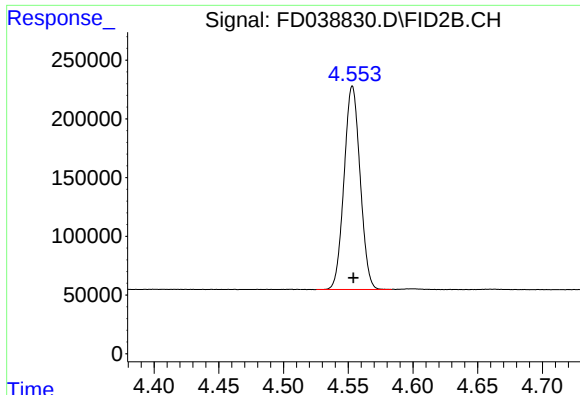
(m)=manual int.

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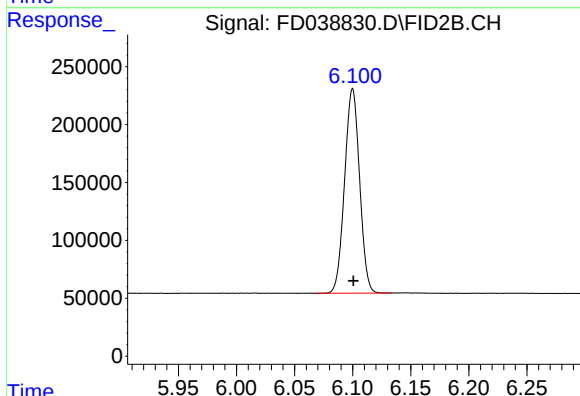
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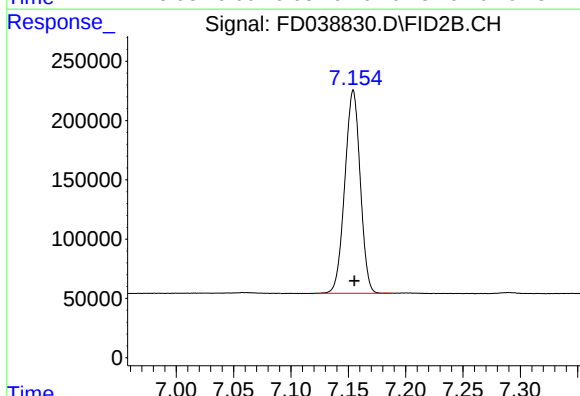
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1495284
Conc: 10.03 ug/ml



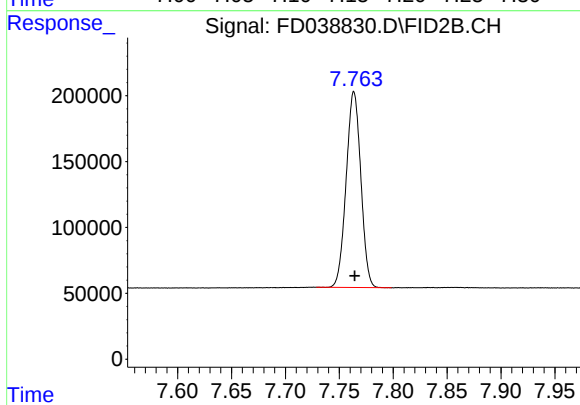
#2 Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 1584051
Conc: 10.02 ug/ml



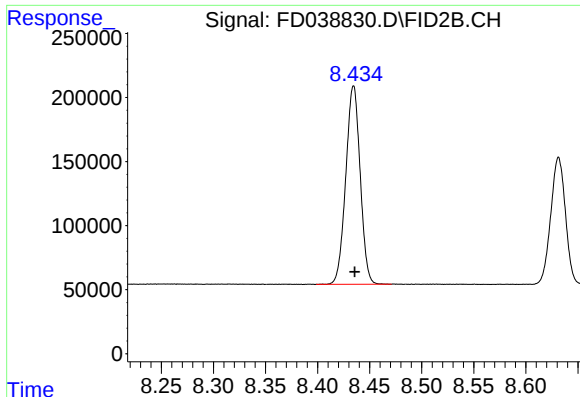
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 1605035
Conc: 10.02 ug/ml



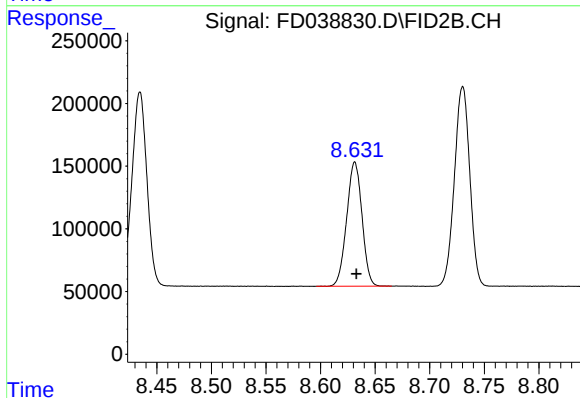
#4 2-Bromonaphthalene (SURR)

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 1409847
Conc: 10.02 ug/ml



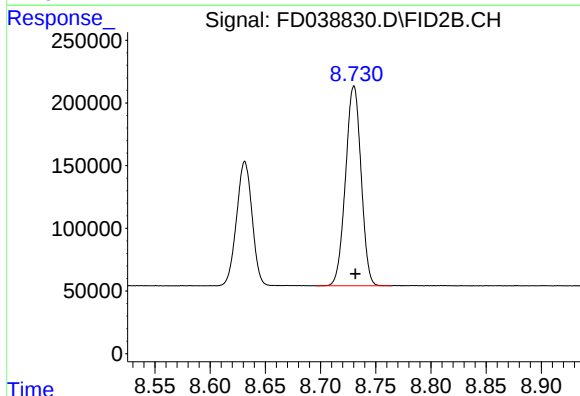
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: -0.001 min
Response: 1490347
Conc: 10.05 ug/ml



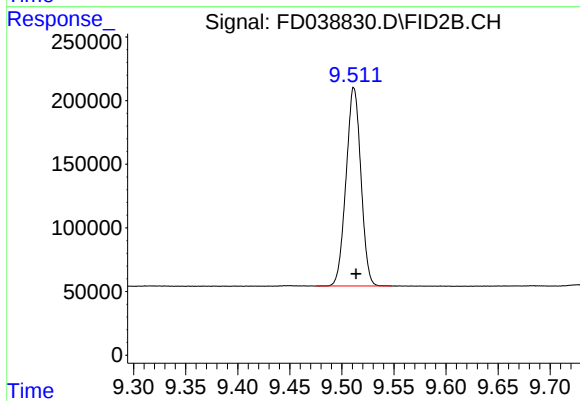
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: -0.001 min
Response: 967745
Conc: 10.00 ug/ml



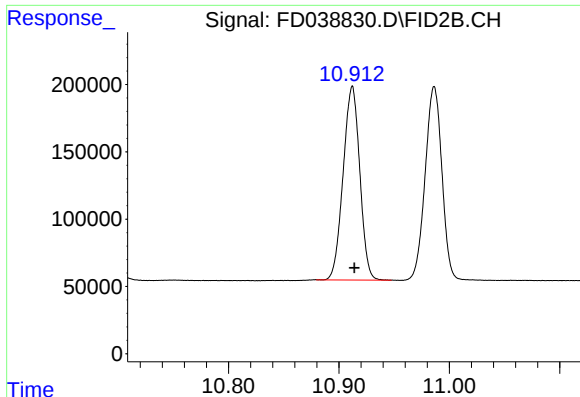
#7 Acenaphthene (C15.5)

R.T.: 8.730 min
Delta R.T.: -0.001 min
Response: 1562026
Conc: 10.01 ug/ml



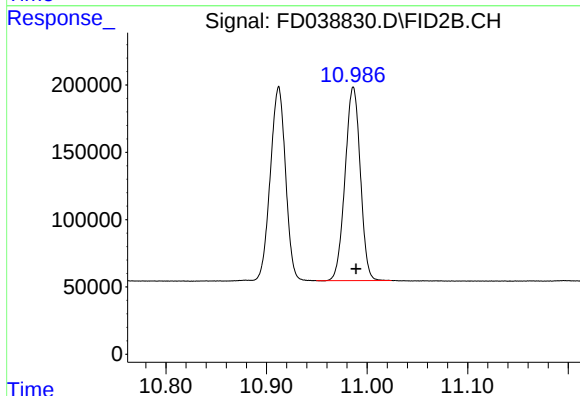
#8 Fluorene (C16.55)

R.T.: 9.511 min
Delta R.T.: -0.002 min
Response: 1547580
Conc: 9.98 ug/ml



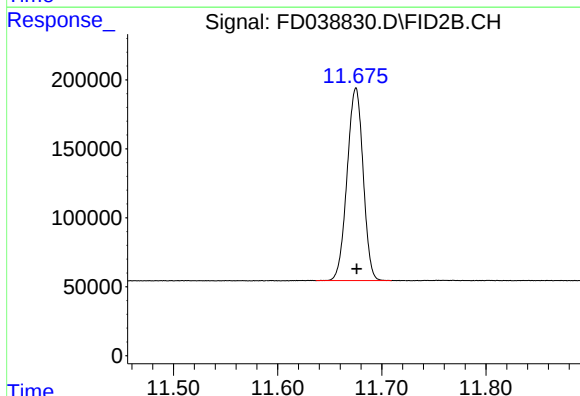
#9 Phenanthrene (C19.36)

R.T.: 10.912 min
Delta R.T.: -0.002 min
Response: 1507643
Conc: 9.94 ug/ml



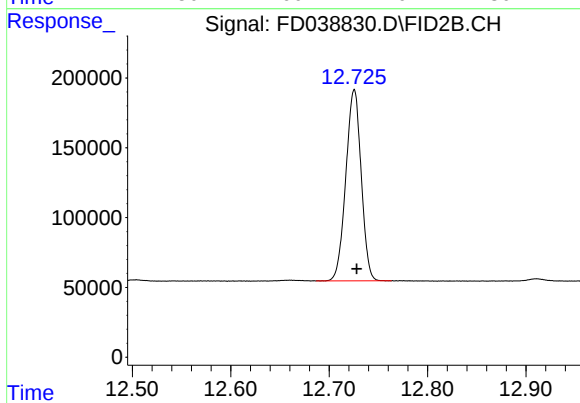
#10 Anthracene (C19.43)

R.T.: 10.986 min
Delta R.T.: -0.003 min
Response: 1515514
Conc: 9.97 ug/ml



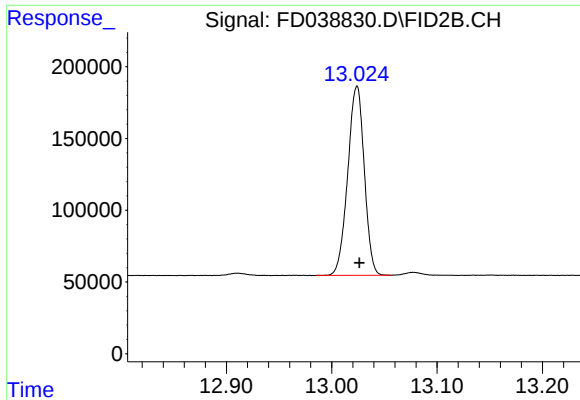
#11 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: 0.000 min
Response: 1492285
Conc: 9.99 ug/ml



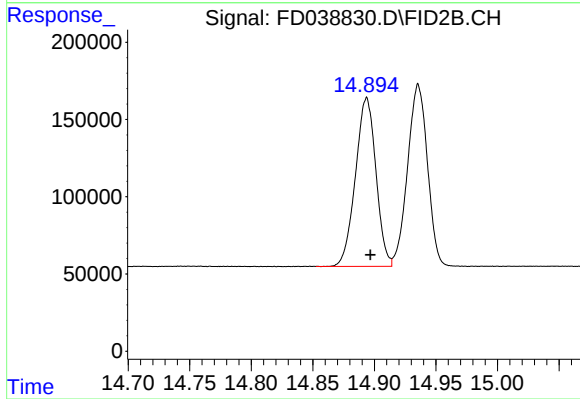
#12 Fluoranthene (C21.85)

R.T.: 12.726 min
Delta R.T.: -0.002 min
Response: 1485830
Conc: 9.97 ug/ml



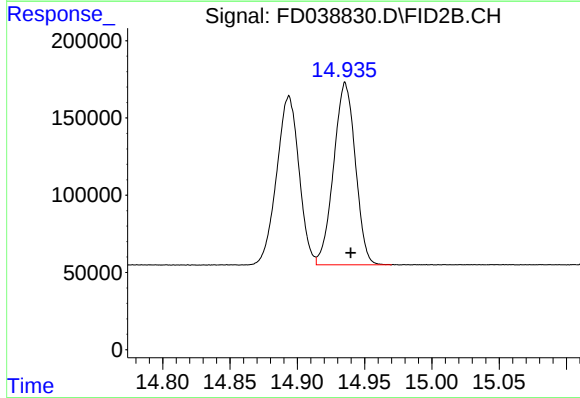
#13 Pyrene (C20.8)

R.T.: 13.024 min
Delta R.T.: -0.002 min
Response: 1439950
Conc: 9.98 ug/ml



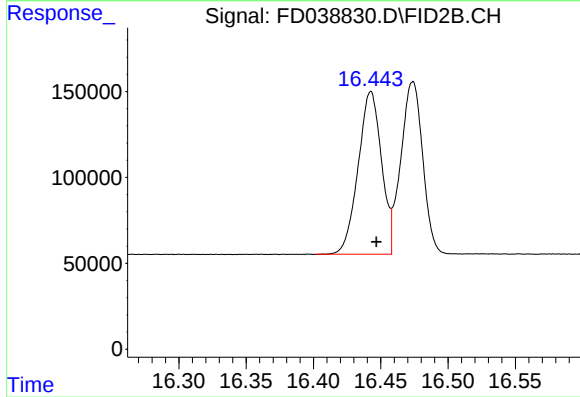
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.894 min
Delta R.T.: -0.003 min
Response: 1263297
Conc: 9.93 ug/ml



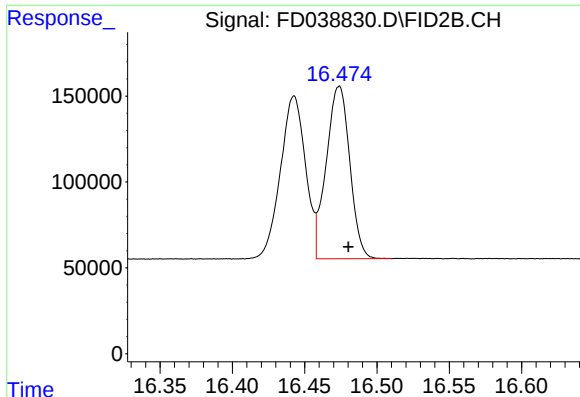
#15 Chrysene (C27.41)

R.T.: 14.936 min
Delta R.T.: -0.004 min
Response: 1325439
Conc: 9.98 ug/ml



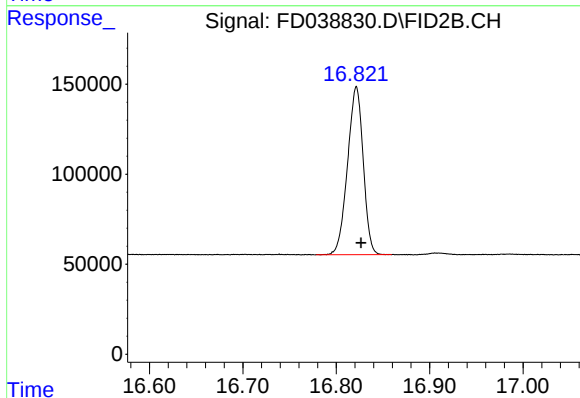
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.443 min
Delta R.T.: -0.004 min
Response: 1142618
Conc: 9.91 ug/ml



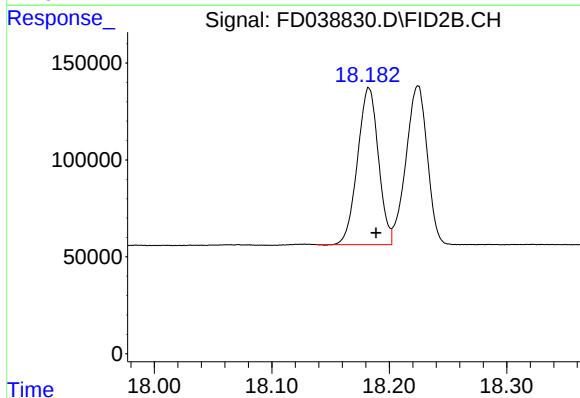
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.474 min
Delta R.T.: -0.006 min
Response: 1136127
Conc: 9.94 ug/ml



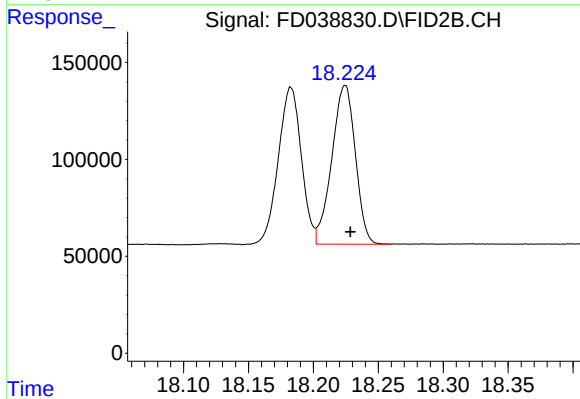
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.822 min
Delta R.T.: -0.005 min
Response: 1087136
Conc: 9.94 ug/ml



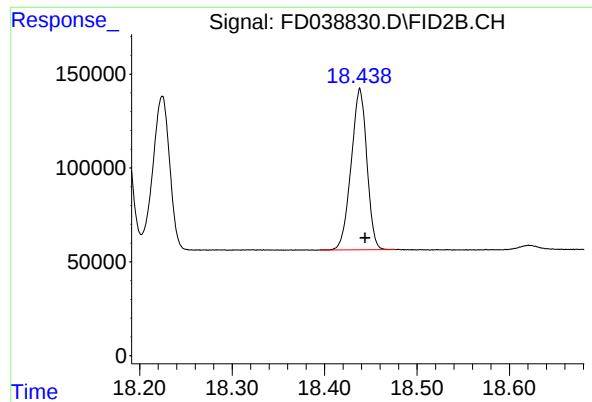
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min
Delta R.T.: -0.006 min
Response: 998883
Conc: 9.93 ug/ml



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

R.T.: 18.224 min
Delta R.T.: -0.004 min
Response: 1035556
Conc: 10.20 ug/ml



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

R.T.: 18.438 min
Delta R.T.: -0.006 min
Response: 1011220
Conc: 9.99 ug/ml