

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122220AR\
 Data File : FD035845.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 12:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 12:56:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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	2278808	20.882 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
6) S 2-Fluorobiphenyl (SURR)	8.456	1454473	20.950 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.90%
11) S ortho-Terphenyl (SURR)	11.484	2650333	20.505 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2594437	20.824 ug/ml
2) T Naphthalene (C11.7)	5.928	2653048	20.992 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2588701	20.466 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2601724	20.566 ug/ml
7) T Acenaphthene (C15.5)	8.547	2807968	20.702 ug/ml
8) T Fluorene (C16.55)	9.331	2515989	20.486 ug/ml
9) T Phenanthrene (C19.36)	10.727	2518186	20.648 ug/ml
10) T Anthracene (C19.43)	10.805	2554163	20.409 ug/ml
12) T Fluoranthene (C21.85)	12.540	2515710	20.643 ug/ml
13) T Pyrene (C20.8)	12.837	2516994	20.572 ug/ml
14) T Benzo[a]anthracene (C...	14.712	2050533	20.855 ug/ml
15) T Chrysene (C27.41)	14.754	2464036	20.109 ug/ml
16) T benzo[b]fluoranthene ...	16.265	4251755	44.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.265	4251755	38.603 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	1959913	21.528 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	2227584	27.511 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	2227584	20.847 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	1883792	20.376 ug/ml

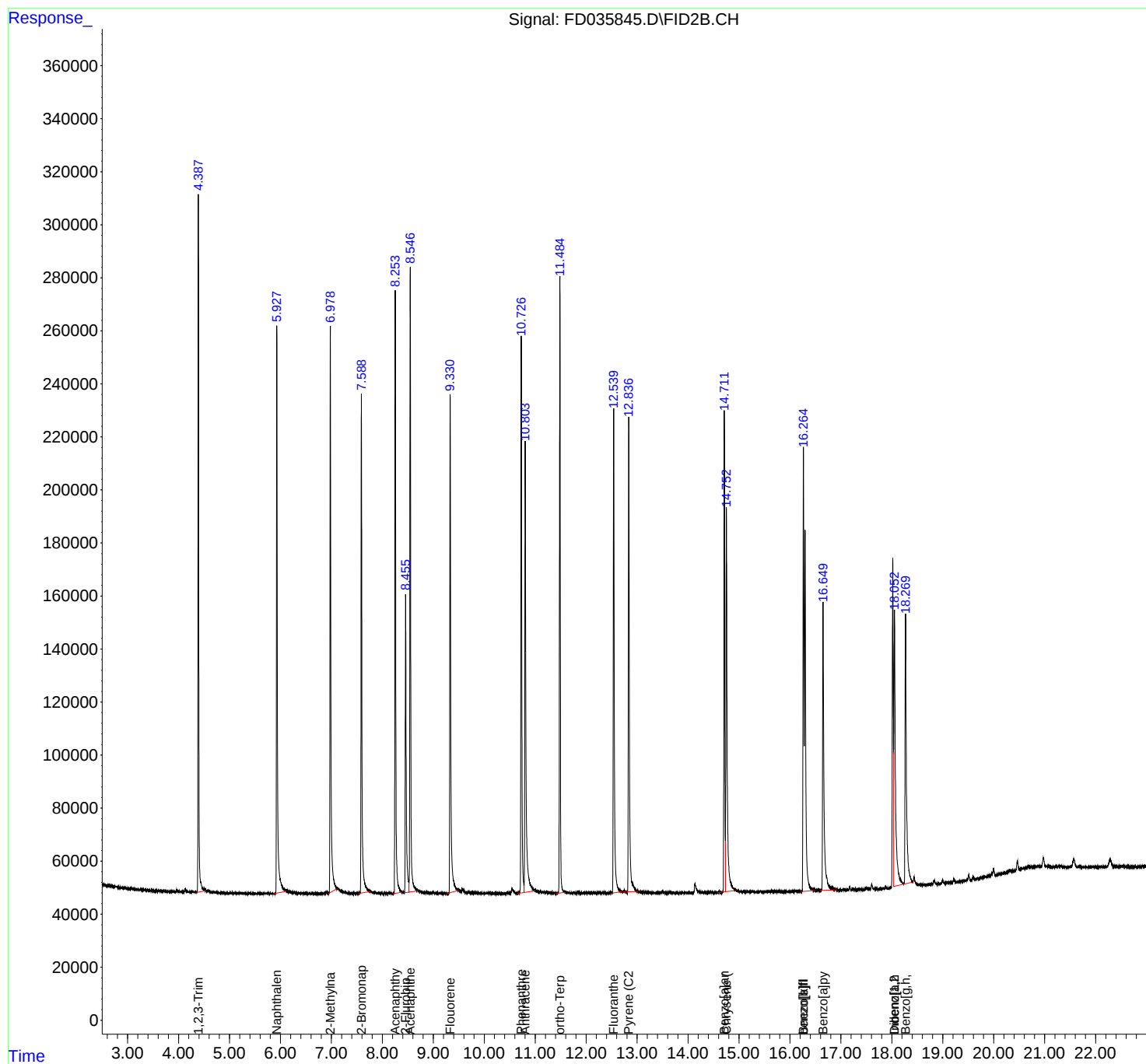
(f)=RT Delta > 1/2 Window

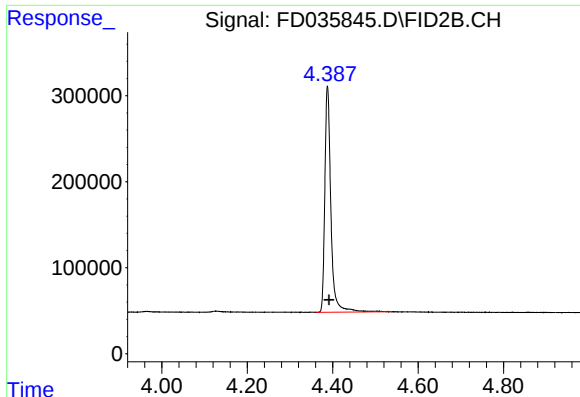
(m)=manual int.

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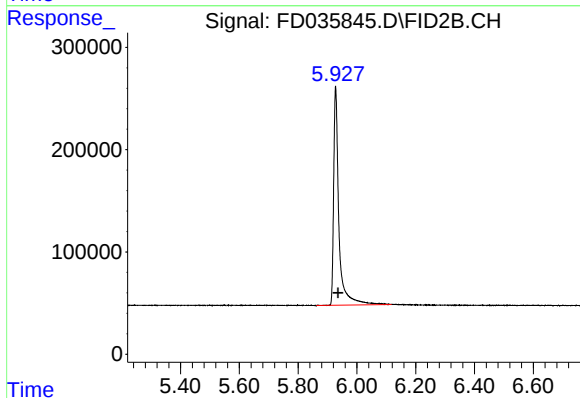
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





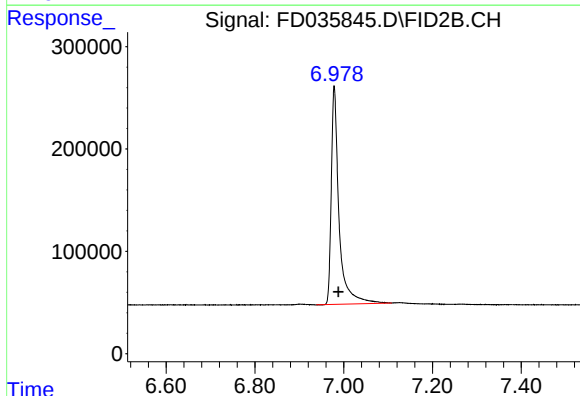
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.004 min
Response: 2594437
Conc: 20.82 ug/ml



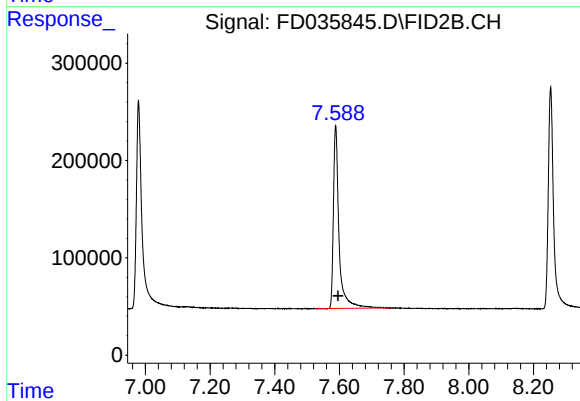
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.008 min
Response: 2653048
Conc: 20.99 ug/ml



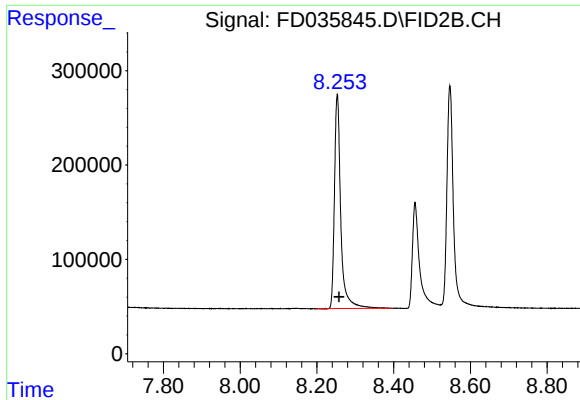
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.009 min
Response: 2588701
Conc: 20.47 ug/ml



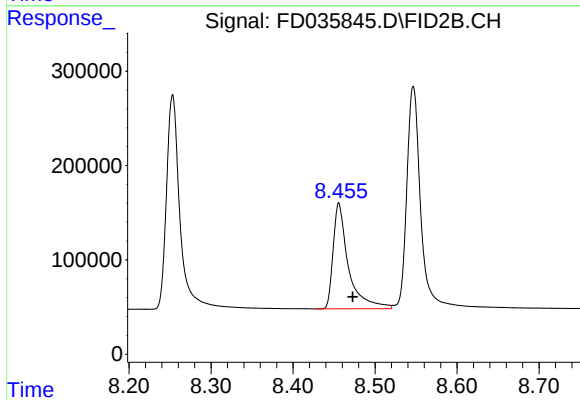
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 2278808
Conc: 20.88 ug/ml



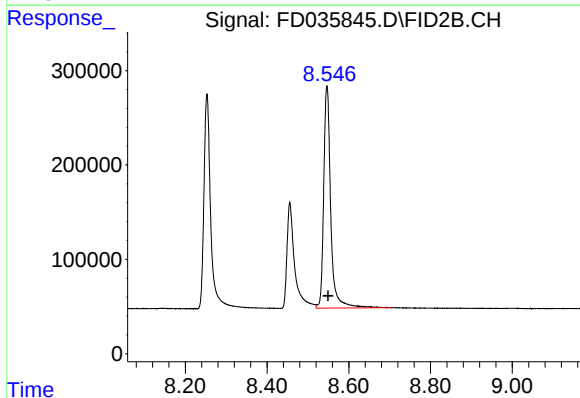
#5 Acenaphthylene (C15.06)

R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 2601724
Conc: 20.57 ug/ml



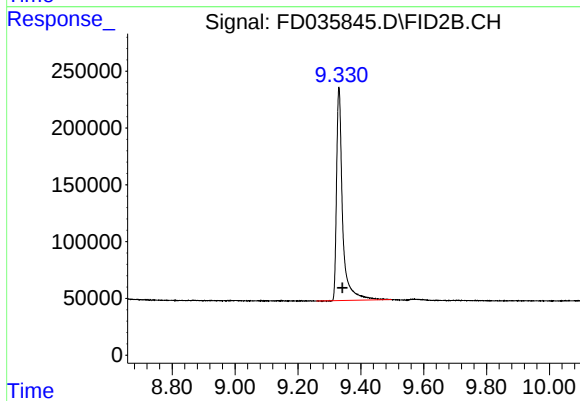
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.017 min
Response: 1454473
Conc: 20.95 ug/ml



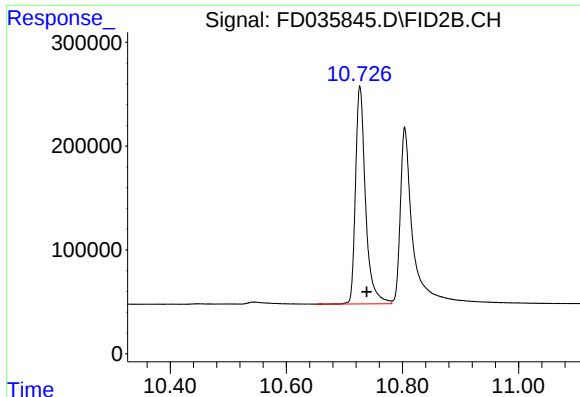
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.003 min
Response: 2807968
Conc: 20.70 ug/ml



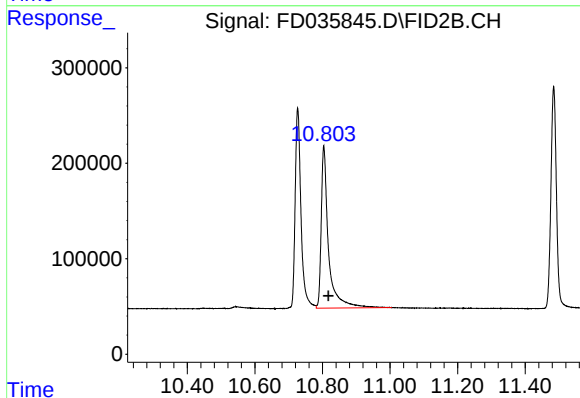
#8 Flouorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.011 min
Response: 2515989
Conc: 20.49 ug/ml



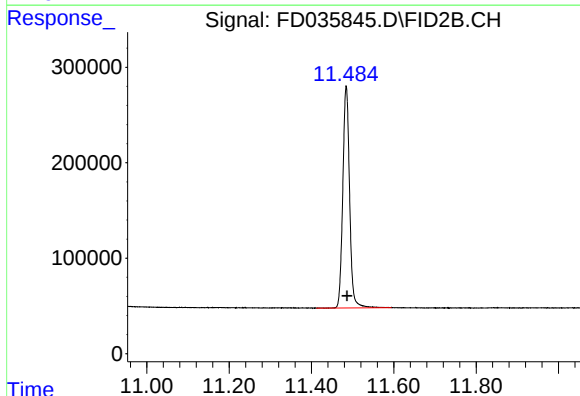
#9 Phenanthrene (C19.36)

R.T.: 10.727 min
Delta R.T.: -0.011 min
Response: 2518186
Conc: 20.65 ug/ml



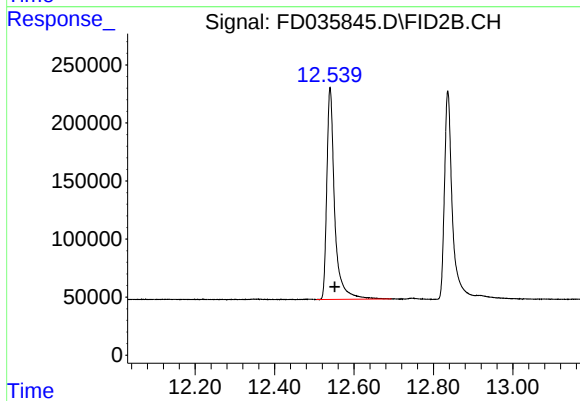
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.013 min
Response: 2554163
Conc: 20.41 ug/ml



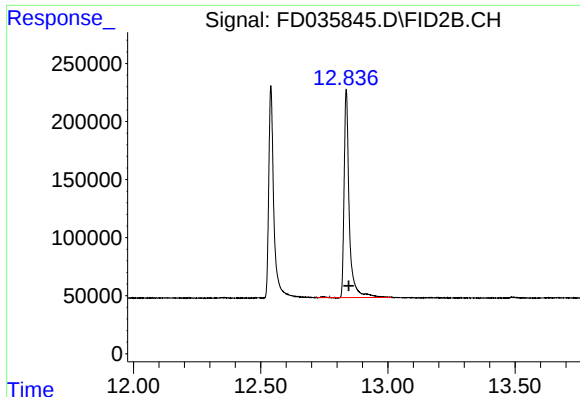
#11 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: -0.002 min
Response: 2650333
Conc: 20.50 ug/ml



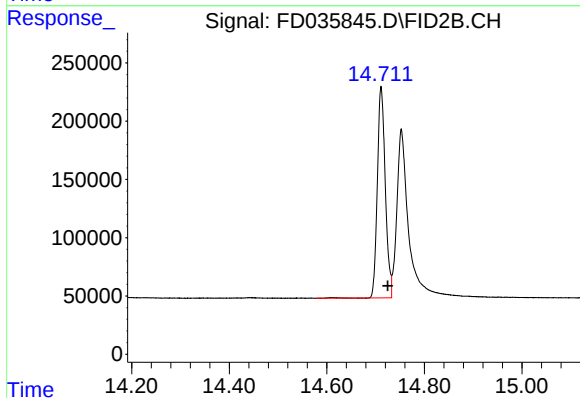
#12 Fluoranthene (C21.85)

R.T.: 12.540 min
Delta R.T.: -0.011 min
Response: 2515710
Conc: 20.64 ug/ml



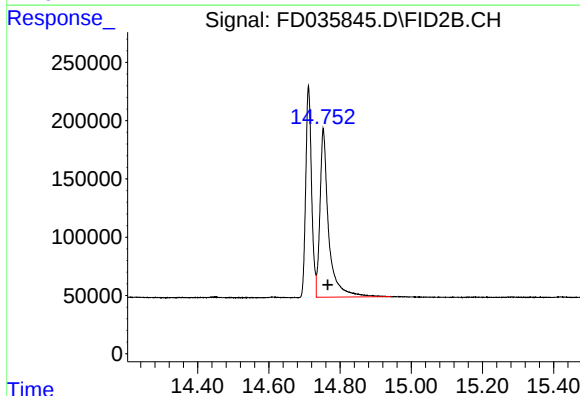
#13 Pyrene (C20.8)

R.T.: 12.837 min
Delta R.T.: -0.009 min
Response: 2516994
Conc: 20.57 ug/ml



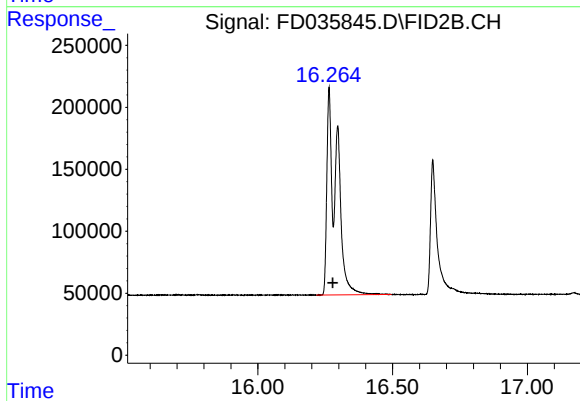
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.013 min
Response: 2050533
Conc: 20.86 ug/ml



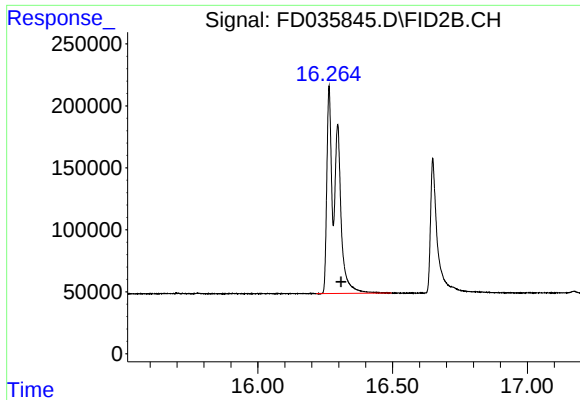
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.012 min
Response: 2464036
Conc: 20.11 ug/ml



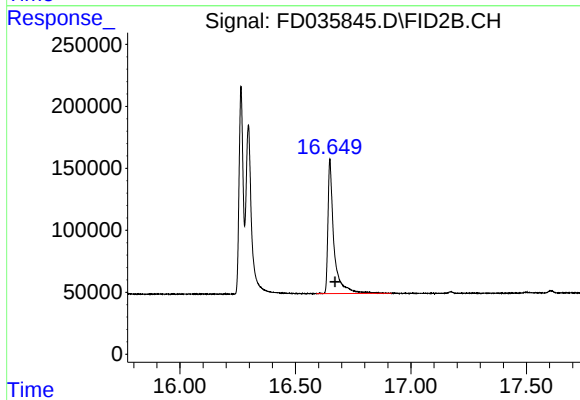
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.265 min
Delta R.T.: -0.013 min
Response: 4251755
Conc: 44.65 ug/ml



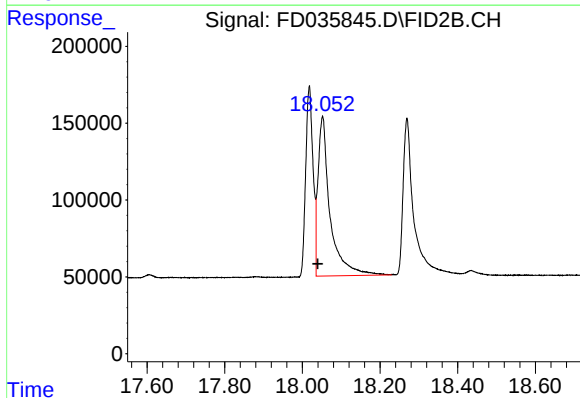
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.265 min
Delta R.T.: -0.044 min
Response: 4251755
Conc: 38.60 ug/ml



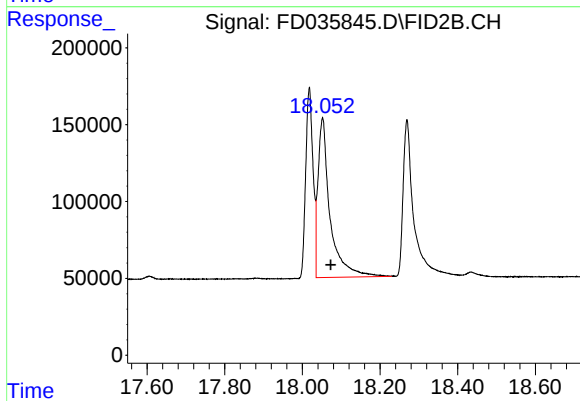
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.021 min
Response: 1959913
Conc: 21.53 ug/ml



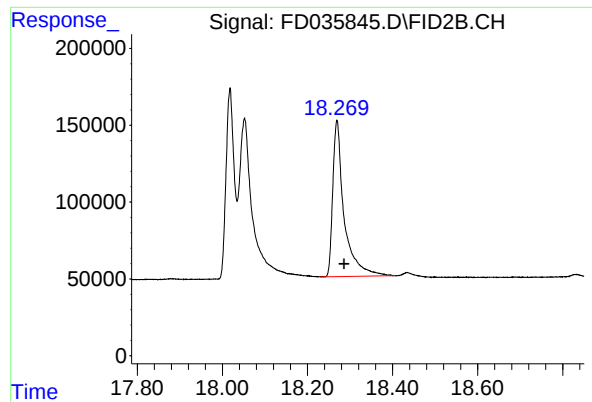
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: 0.012 min
Response: 2227584
Conc: 27.51 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.022 min
Response: 2227584
Conc: 20.85 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.016 min
Response: 1883792
Conc: 20.38 ug/ml