

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062220AR\
 Data File : FD033742.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jun 2020 9:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 23 02:37:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 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...	7.564	2306993	20.872 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
6) S 2-Fluorobiphenyl (SURR)	8.427	1554009	20.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.87%
11) S ortho-Terphenyl (SURR)	11.454	2793827	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.374	2644182	20.989 ug/ml
2) T Naphthalene (C11.7)	5.907	2628503	20.911 ug/ml
3) T 2-Methylnaphthalene (...)	6.956	2662427	20.869 ug/ml
5) T Acenaphthylene (C15.06)	8.227	2660700	20.653 ug/ml
7) T Acenaphthene (C15.5)	8.521	2790055	20.851 ug/ml
8) T Fluorene (C16.55)	9.301	2592047	20.625 ug/ml
9) T Phenanthrene (C19.36)	10.696	2635509	20.527 ug/ml
10) T Anthracene (C19.43)	10.771	2566961	20.309 ug/ml
12) T Fluoranthene (C21.85)	12.505	2652575	20.143 ug/ml
13) T Pyrene (C20.8)	12.801	2551486	19.867 ug/ml
14) T Benzo[a]anthracene (C...	14.674	2368786	19.947 ug/ml
15) T Chrysene (C27.41)	14.715	2557355	19.313 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2278703	19.251 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2399853	18.783 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.608	2280148	19.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	1960503	18.817 ug/ml
20) T Dibenz[a,h]anthracene...	18.011	2277072	18.575 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2116641	18.790 ug/ml

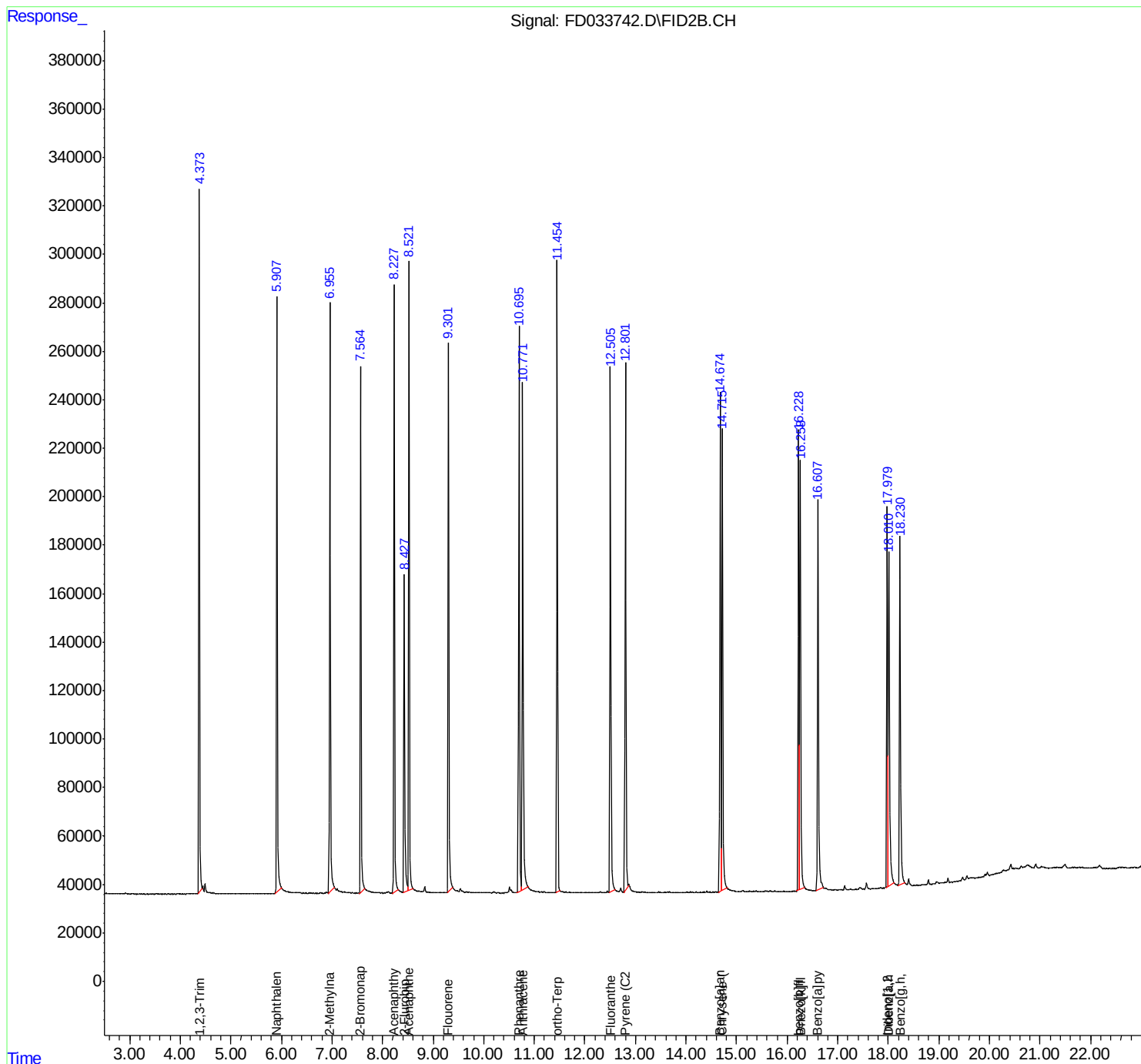
(f)=RT Delta > 1/2 Window

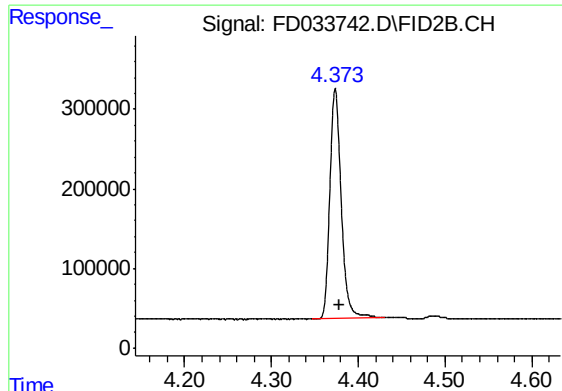
(m)=manual int.

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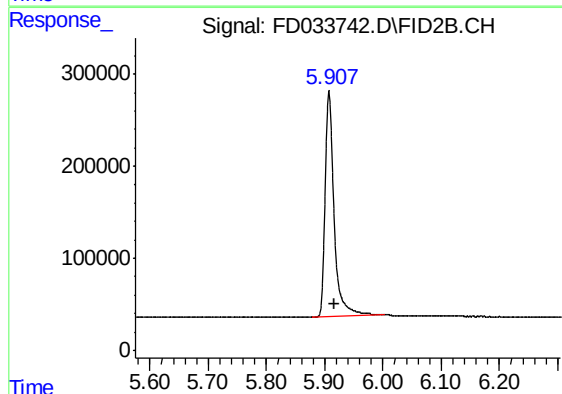
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





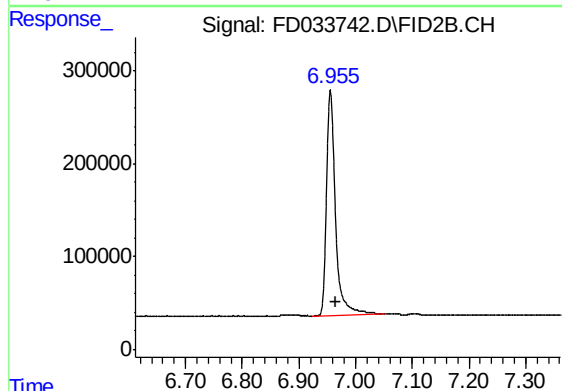
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.374 min
Delta R.T.: -0.005 min
Response: 2644182
Conc: 20.99 ug/ml



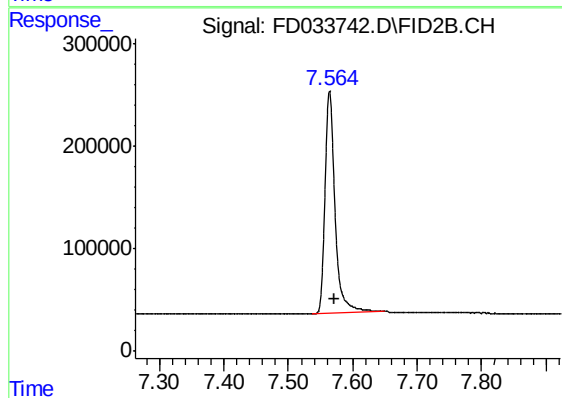
#2 Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: -0.009 min
Response: 2628503
Conc: 20.91 ug/ml



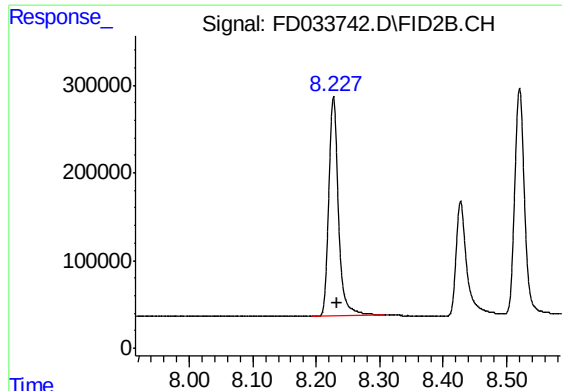
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.010 min
Response: 2662427
Conc: 20.87 ug/ml



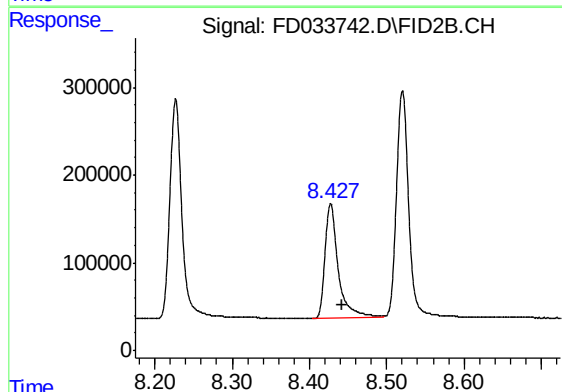
#4 2-Bromonaphthalene (SURR)

R.T.: 7.564 min
Delta R.T.: -0.008 min
Response: 2306993
Conc: 20.87 ug/ml



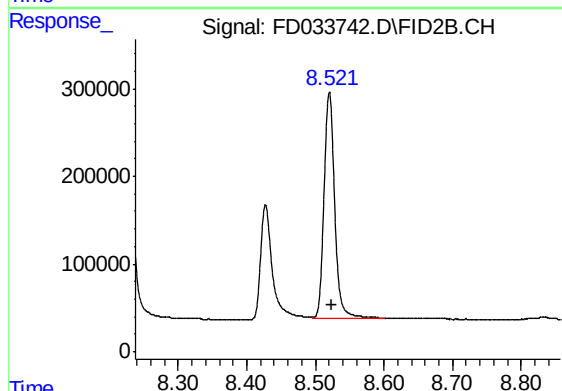
#5 Acenaphthylene (C15.06)

R.T.: 8.227 min
Delta R.T.: -0.006 min
Response: 2660700
Conc: 20.65 ug/ml



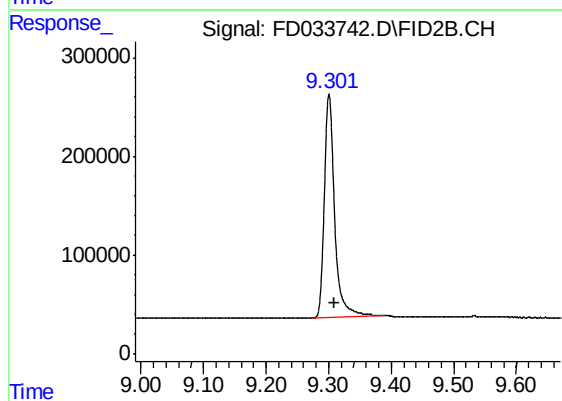
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.427 min
Delta R.T.: -0.014 min
Response: 1554009
Conc: 20.94 ug/ml



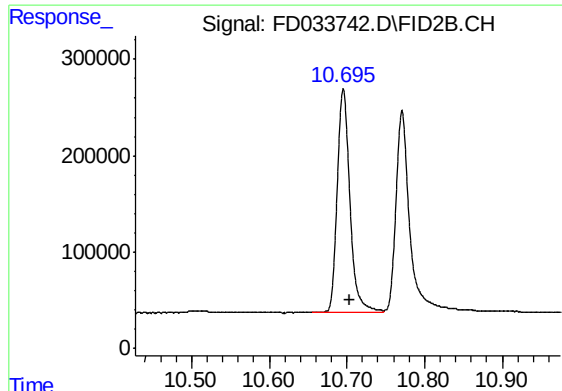
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.004 min
Response: 2790055
Conc: 20.85 ug/ml



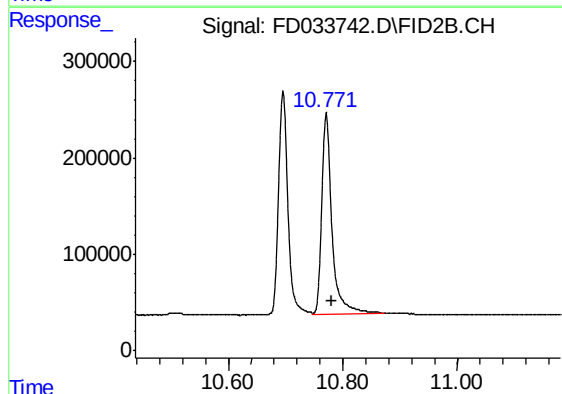
#8 Flouorene (C16.55)

R.T.: 9.301 min
Delta R.T.: -0.009 min
Response: 2592047
Conc: 20.62 ug/ml



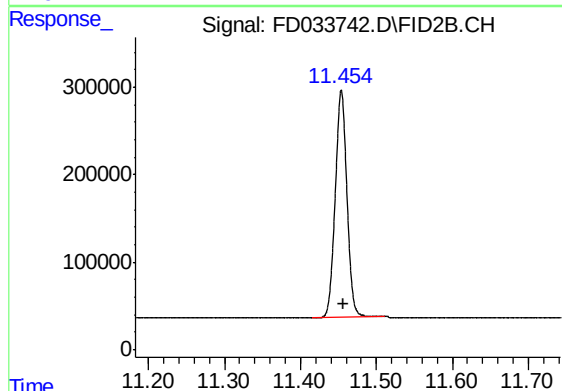
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.008 min
Response: 2635509
Conc: 20.53 ug/ml



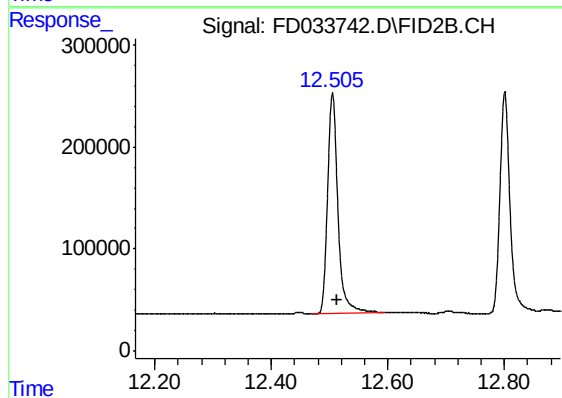
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.010 min
Response: 2566961
Conc: 20.31 ug/ml



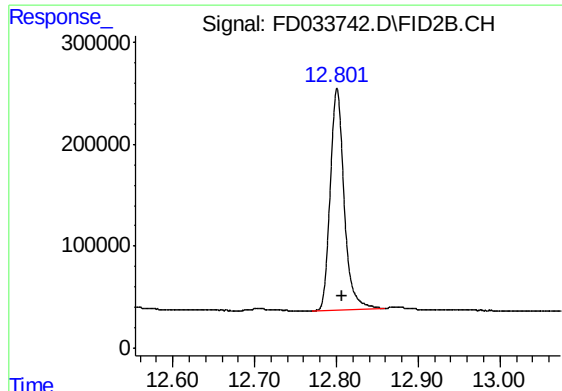
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.002 min
Response: 2793827
Conc: 20.12 ug/ml



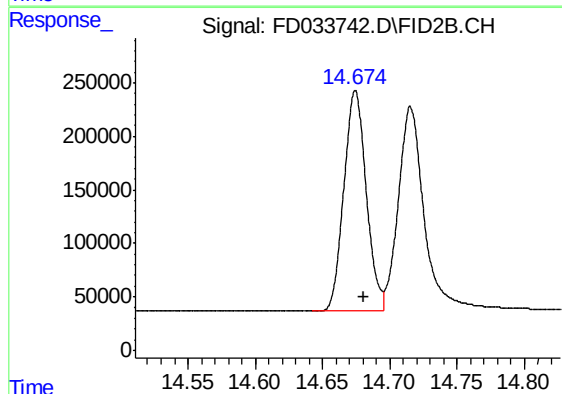
#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: -0.007 min
Response: 2652575
Conc: 20.14 ug/ml



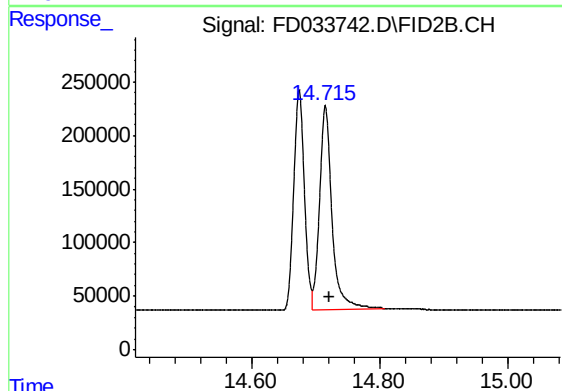
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: -0.006 min
Response: 2551486
Conc: 19.87 ug/ml



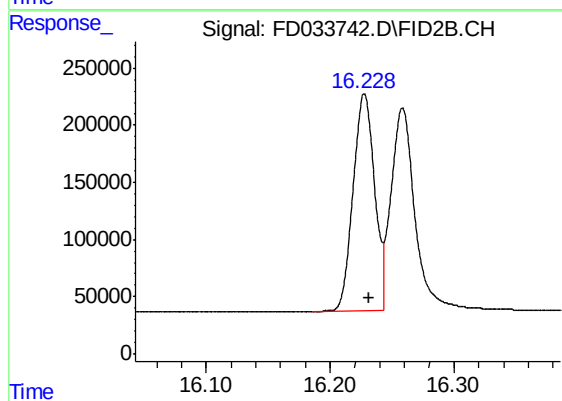
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: -0.007 min
Response: 2368786
Conc: 19.95 ug/ml



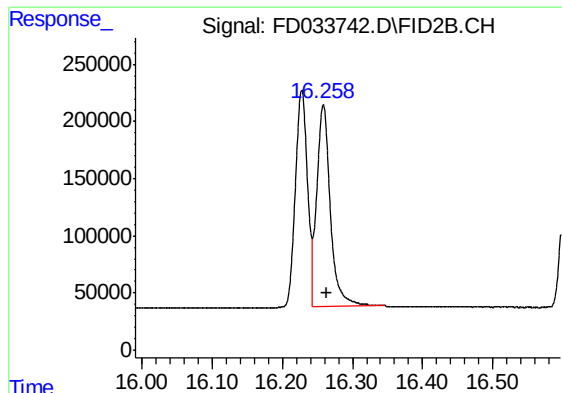
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: -0.007 min
Response: 2557355
Conc: 19.31 ug/ml



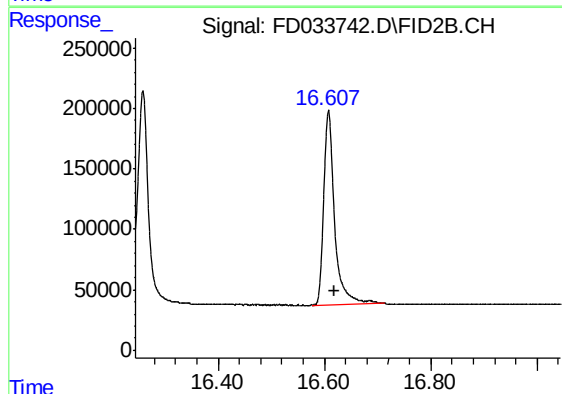
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2278703
Conc: 19.25 ug/ml



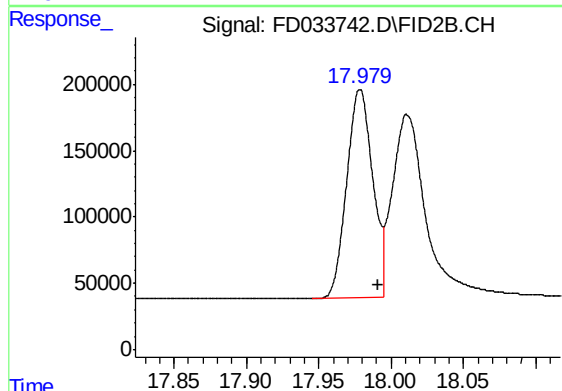
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.005 min
Response: 2399853
Conc: 18.78 ug/ml



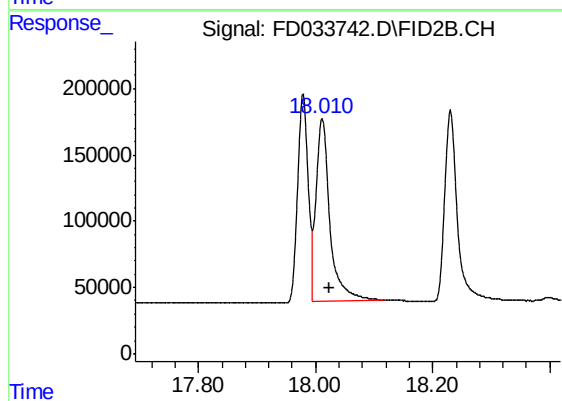
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.608 min
Delta R.T.: -0.012 min
Response: 2280148
Conc: 19.01 ug/ml



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

R.T.: 17.979 min
Delta R.T.: -0.012 min
Response: 1960503
Conc: 18.82 ug/ml



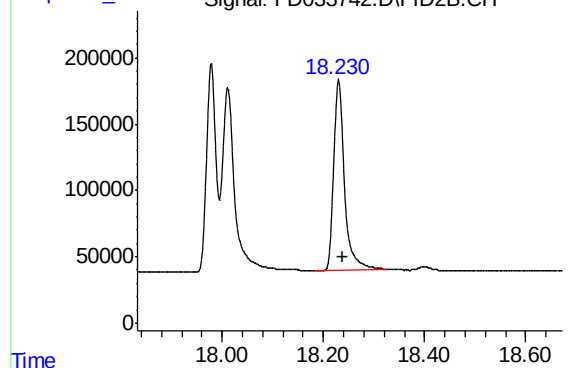
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.011 min
Delta R.T.: -0.013 min
Response: 2277072
Conc: 18.57 ug/ml

Response_

Signal: FD033742.D\FID2B.CH

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



R.T.: 18.230 min
Delta R.T.: -0.007 min
Response: 2116641
Conc: 18.79 ug/ml