

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062920AR\
 Data File : FD033826.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2020 10:38
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 02:20:50 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...	7.562	2407358	21.780 ug/ml
Spiked Amount 50.000		Recovery =	43.56%
6) S 2-Fluorobiphenyl (SURR)	8.425	1596826	21.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.03%
11) S ortho-Terphenyl (SURR)	11.449	2927755	21.080 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.372	2735185	21.711 ug/ml
2) T Naphthalene (C11.7)	5.906	2718266	21.625 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2770923	21.720 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2767930	21.485 ug/ml
7) T Acenaphthene (C15.5)	8.517	2922495	21.841 ug/ml
8) T Fluorene (C16.55)	9.298	2687743	21.386 ug/ml
9) T Phenanthrene (C19.36)	10.691	2724263	21.219 ug/ml
10) T Anthracene (C19.43)	10.767	2574091	20.366 ug/ml
12) T Fluoranthene (C21.85)	12.500	2728522	20.720 ug/ml
13) T Pyrene (C20.8)	12.796	2603620	20.273 ug/ml
14) T Benzo[a]anthracene (C...	14.670	2342798	19.728 ug/ml
15) T Chrysene (C27.41)	14.710	2594362	19.592 ug/ml
16) T benzo[b]fluoranthene ...	16.224	2317336	19.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.254	2468076	19.317 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.605	2345989	19.560 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.976	2082154	19.985 ug/ml
20) T Dibenz[a,h]anthracene...	18.008	2449049	19.978 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2294716	20.371 ug/ml

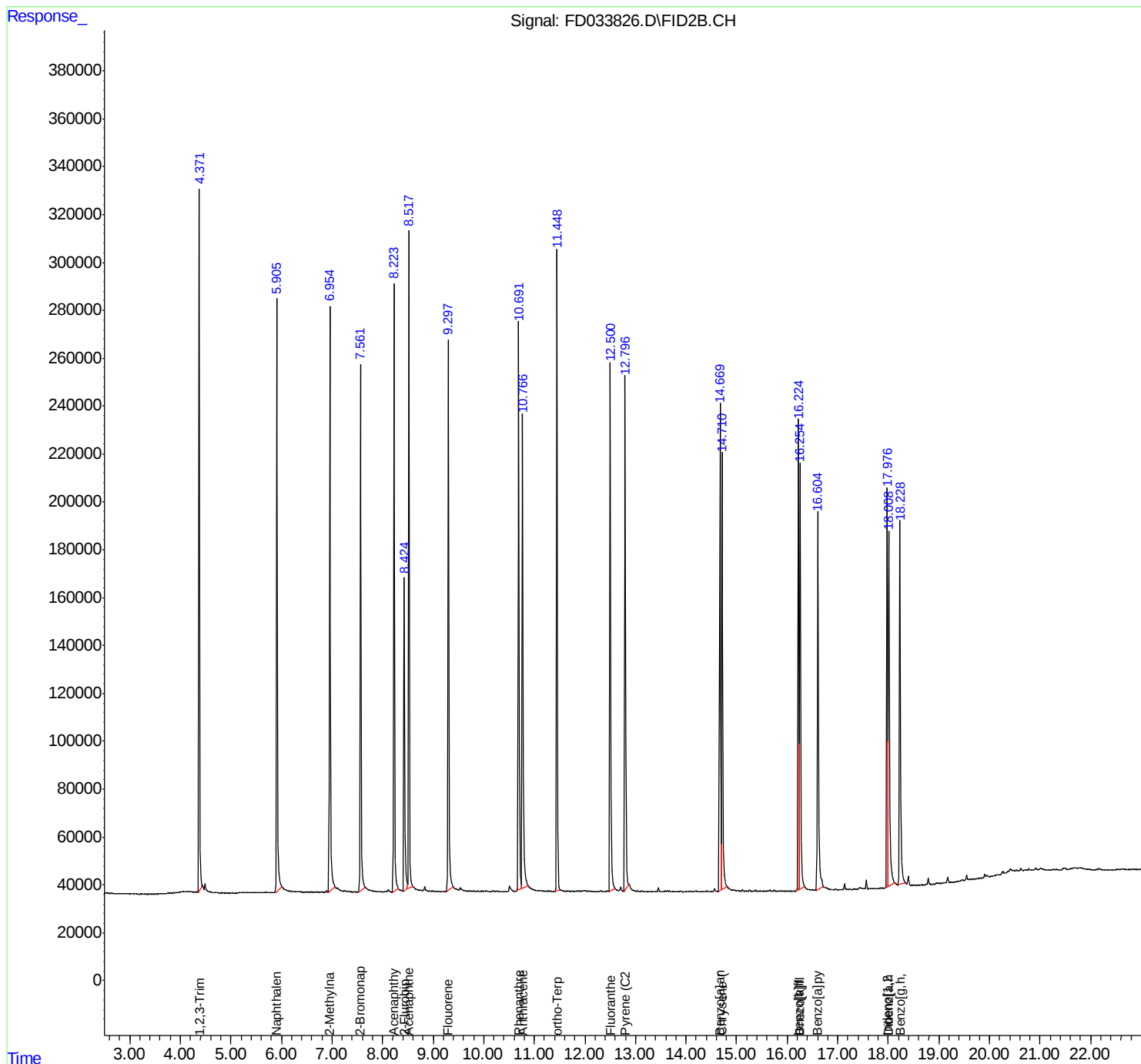
(f)=RT Delta > 1/2 Window

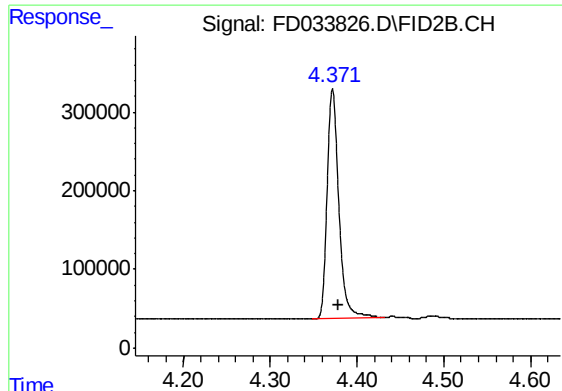
(m)=manual int.

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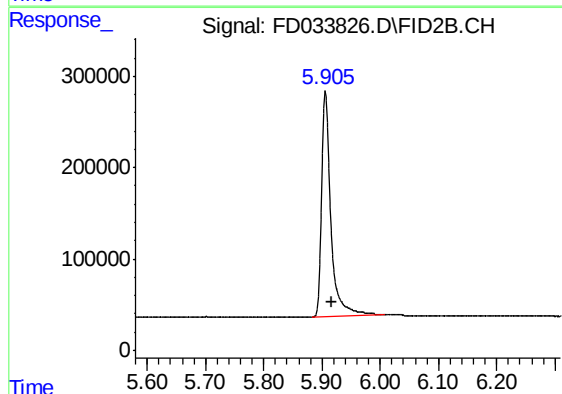
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Signal Info : 20M x 0.18mm x 0.18µm





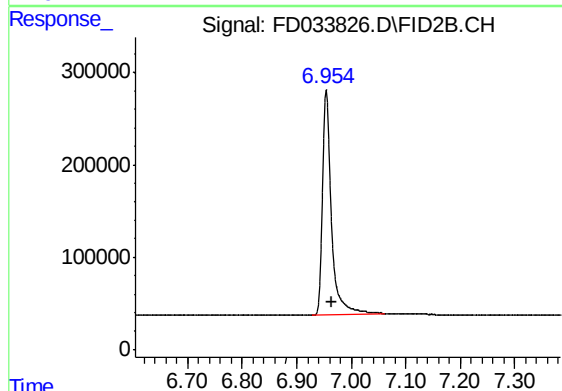
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 2735185
Conc: 21.71 ug/ml



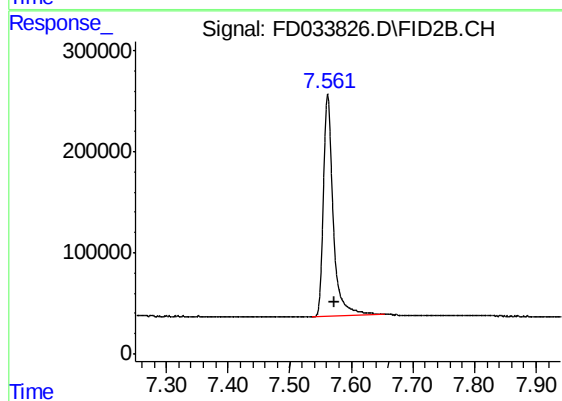
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.011 min
Response: 2718266
Conc: 21.63 ug/ml



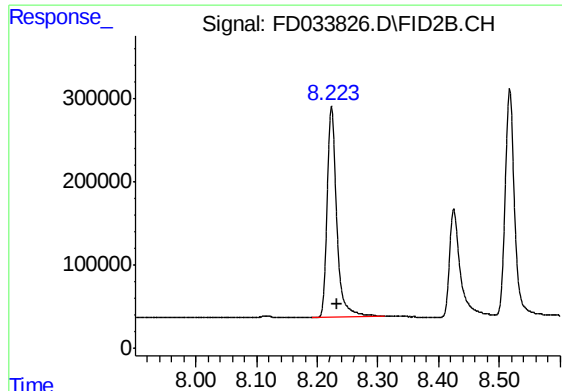
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.011 min
Response: 2770923
Conc: 21.72 ug/ml



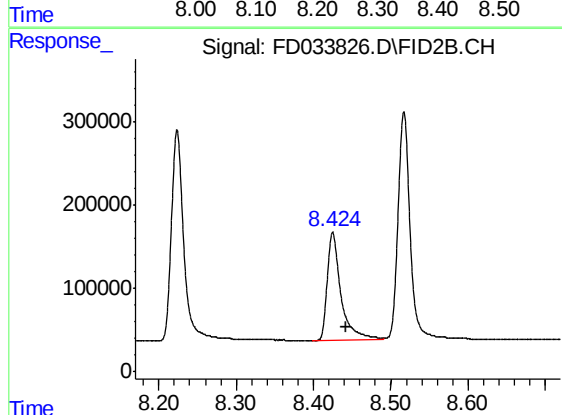
#4 2-Bromonaphthalene (SURR)

R.T.: 7.562 min
Delta R.T.: -0.011 min
Response: 2407358
Conc: 21.78 ug/ml



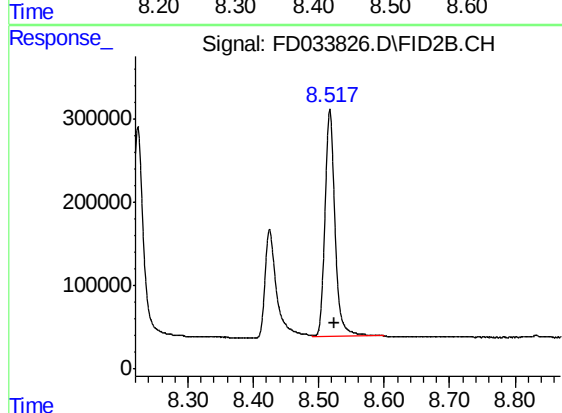
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.010 min
Response: 2767930
Conc: 21.48 ug/ml



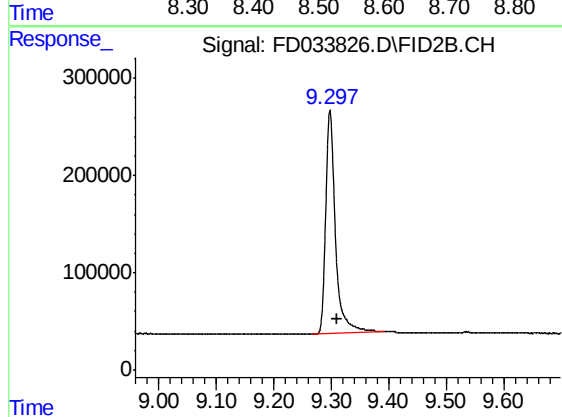
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: -0.017 min
Response: 1596826
Conc: 21.51 ug/ml



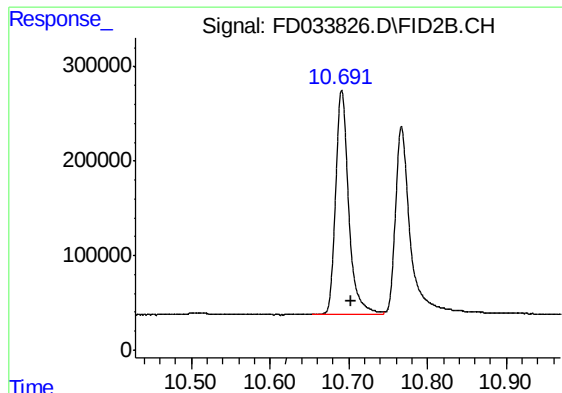
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: -0.008 min
Response: 2922495
Conc: 21.84 ug/ml



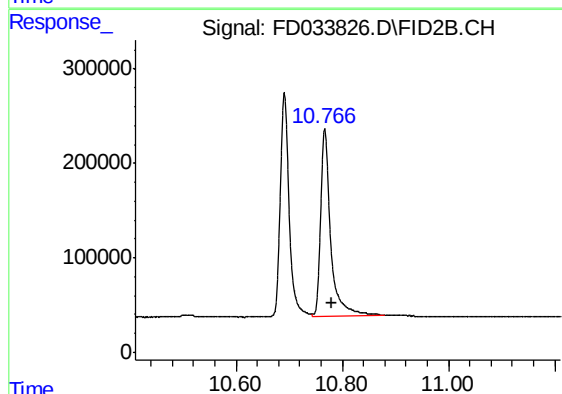
#8 Flouorene (C16.55)

R.T.: 9.298 min
Delta R.T.: -0.012 min
Response: 2687743
Conc: 21.39 ug/ml



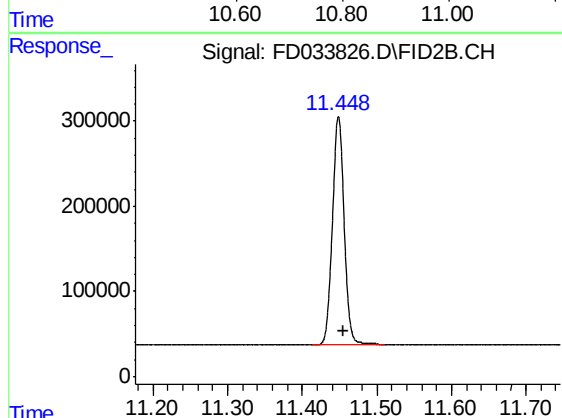
#9 Phenanthrene (C19.36)

R.T.: 10.691 min
Delta R.T.: -0.012 min
Response: 2724263
Conc: 21.22 ug/ml



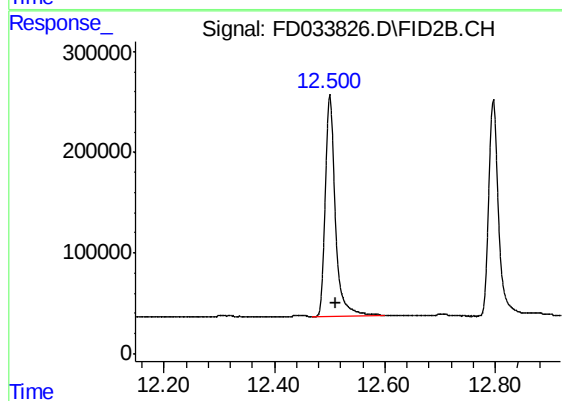
#10 Anthracene (C19.43)

R.T.: 10.767 min
Delta R.T.: -0.014 min
Response: 2574091
Conc: 20.37 ug/ml



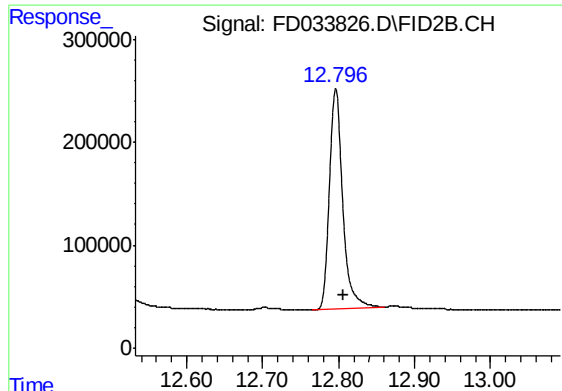
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.007 min
Response: 2927755
Conc: 21.08 ug/ml



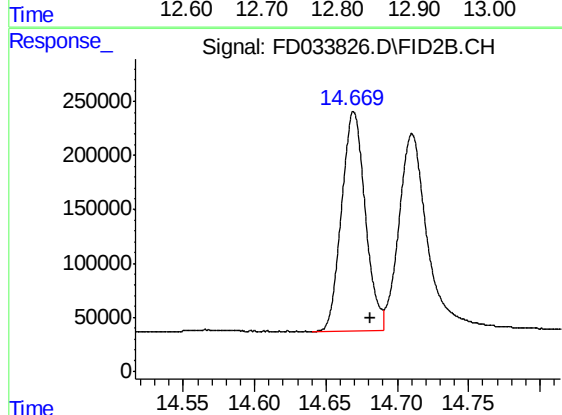
#12 Fluoranthene (C21.85)

R.T.: 12.500 min
Delta R.T.: -0.012 min
Response: 2728522
Conc: 20.72 ug/ml



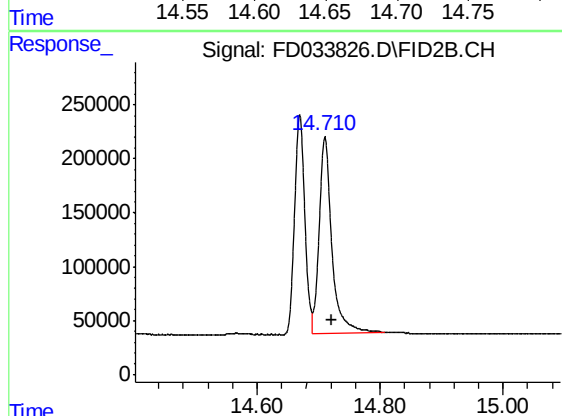
#13 Pyrene (C20.8)

R.T.: 12.796 min
Delta R.T.: -0.011 min
Response: 2603620
Conc: 20.27 ug/ml



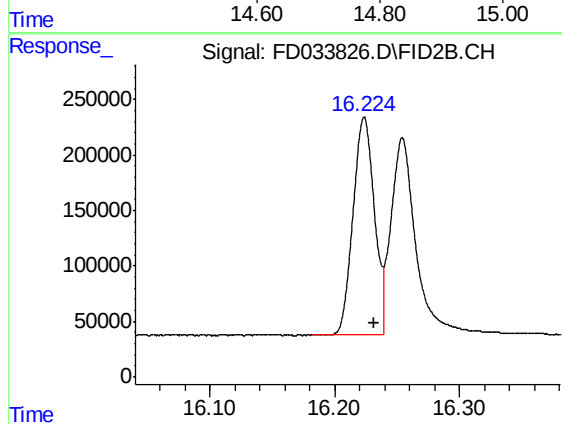
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.670 min
Delta R.T.: -0.012 min
Response: 2342798
Conc: 19.73 ug/ml



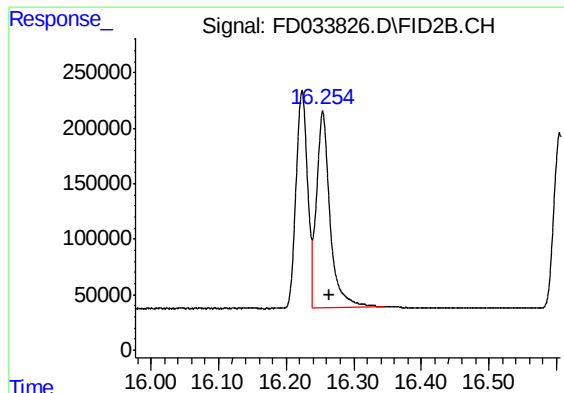
#15 Chrysene (C27.41)

R.T.: 14.710 min
Delta R.T.: -0.012 min
Response: 2594362
Conc: 19.59 ug/ml



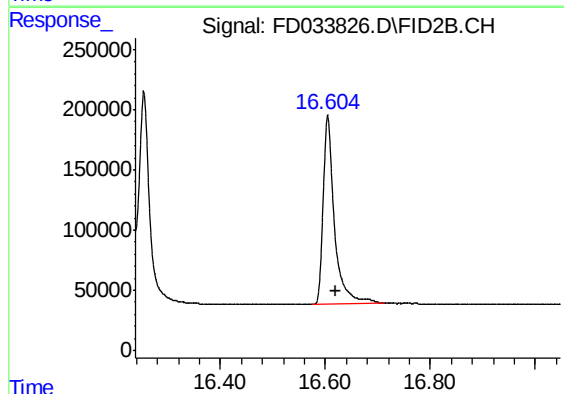
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.224 min
Delta R.T.: -0.008 min
Response: 2317336
Conc: 19.58 ug/ml



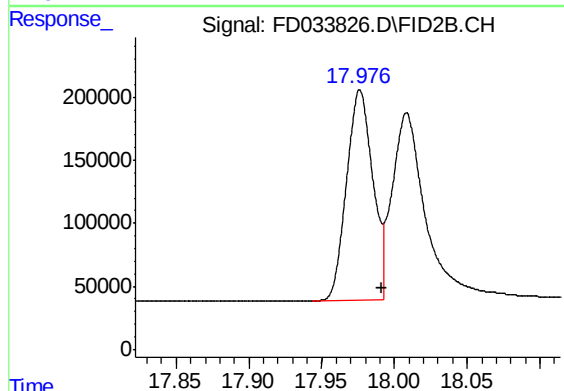
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.254 min
Delta R.T.: -0.010 min
Response: 2468076
Conc: 19.32 ug/ml



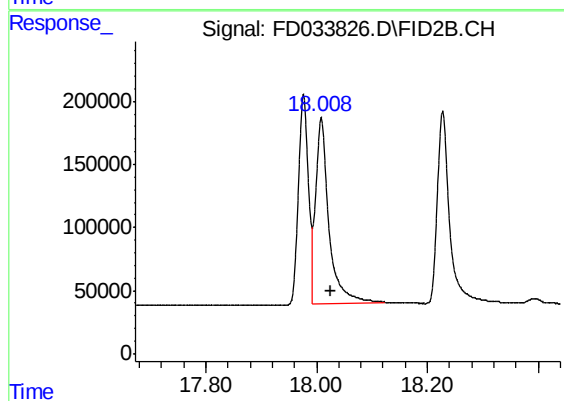
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.605 min
Delta R.T.: -0.015 min
Response: 2345989
Conc: 19.56 ug/ml



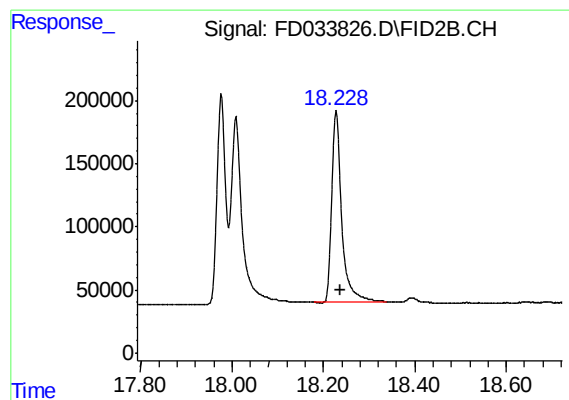
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.976 min
Delta R.T.: -0.015 min
Response: 2082154
Conc: 19.98 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.016 min
Response: 2449049
Conc: 19.98 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.010 min
Response: 2294716
Conc: 20.37 ug/ml