

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070620AR\
 Data File : FD033914.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2020 18:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 07 08:39:34 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...	7.561	1996218	18.061 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
6) S 2-Fluorobiphenyl (SURR)	8.425	1336663	18.008 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.02%
11) S ortho-Terphenyl (SURR)	11.449	2382785	17.156 ug/ml
Spiked Amount 50.000		Recovery =	34.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.370	2346693	18.627 ug/ml
2) T Naphthalene (C11.7)	5.905	2296941	18.273 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2332343	18.282 ug/ml
5) T Acenaphthylene (C15.06)	8.225	2270369	17.623 ug/ml
7) T Acenaphthene (C15.5)	8.519	2387270	17.841 ug/ml
8) T Fluorene (C16.55)	9.298	2230826	17.751 ug/ml
9) T Phenanthrene (C19.36)	10.693	2221908	17.306 ug/ml
10) T Anthracene (C19.43)	10.768	1935555	15.314 ug/mlm
12) T Fluoranthene (C21.85)	12.503	2221951	16.873 ug/ml
13) T Pyrene (C20.8)	12.799	2139356	16.658 ug/ml
14) T Benzo[a]anthracene (C...	14.673	2008436	16.913 ug/ml
15) T Chrysene (C27.41)	14.714	2305652	17.412 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2182386	18.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2161631	16.919 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	1982202	16.527 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	2124368	20.390 ug/ml
20) T Dibenz[a,h]anthracene...	18.014	2128044	17.359 ug/ml
21) T Benzo[g,h,i]perylene ...	18.237	2116753	18.791 ug/ml

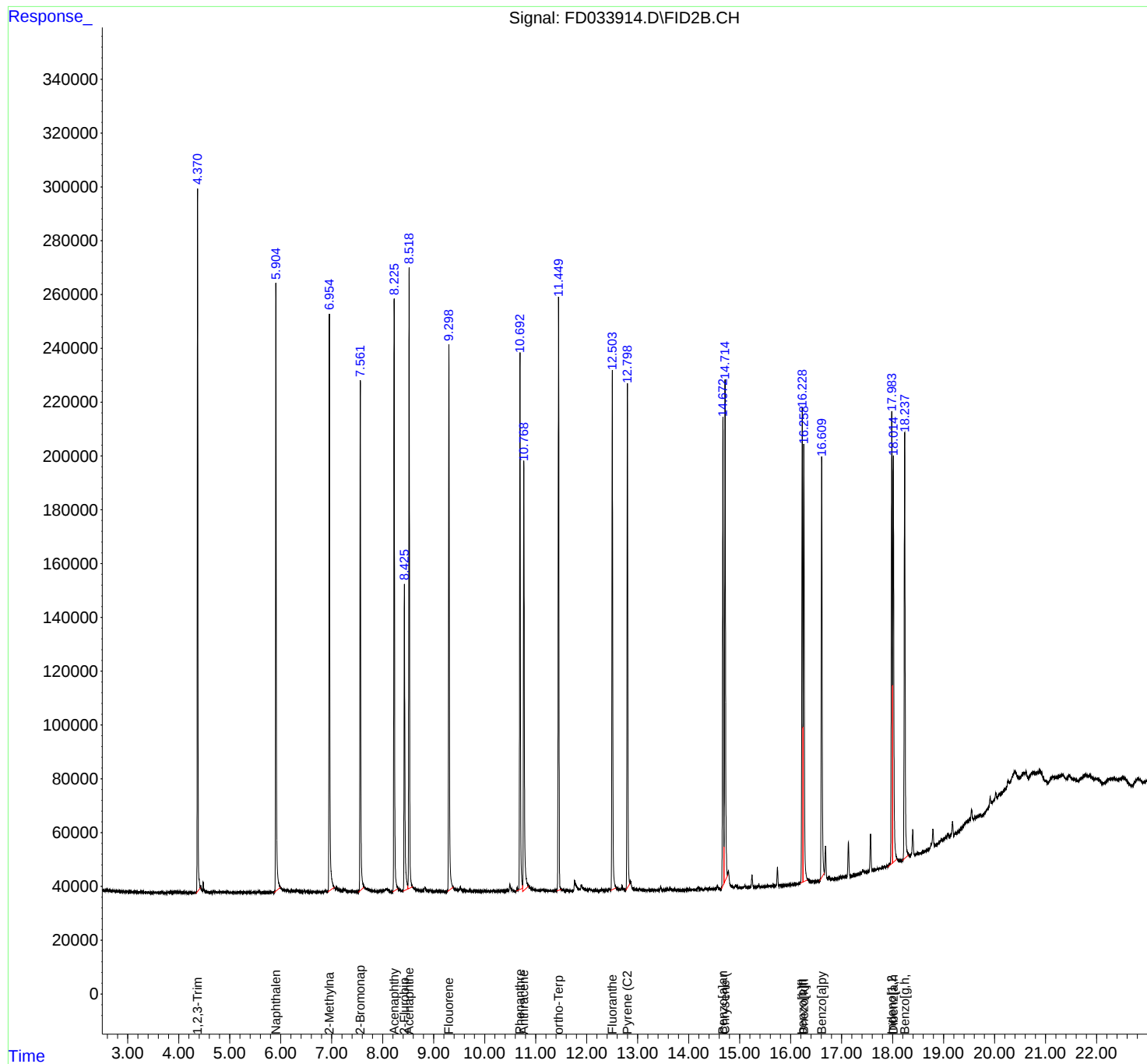
(f)=RT Delta > 1/2 Window

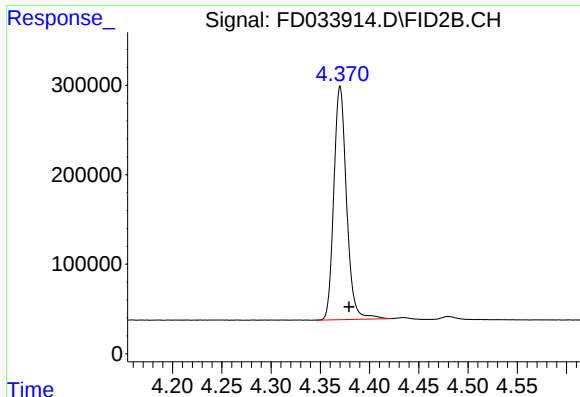
(m)=manual int.

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Operator  : DD\AJ  
Sample    : 20 PPM AROMATIC HC STD  
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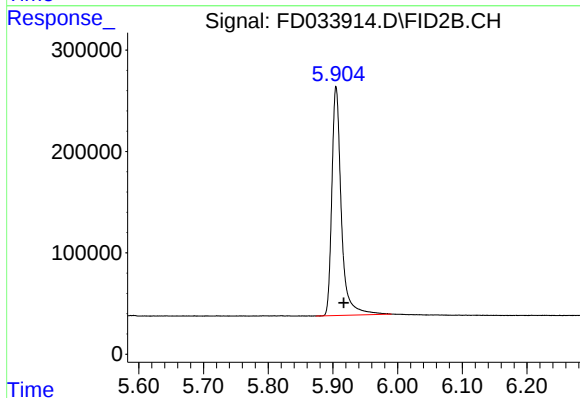
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





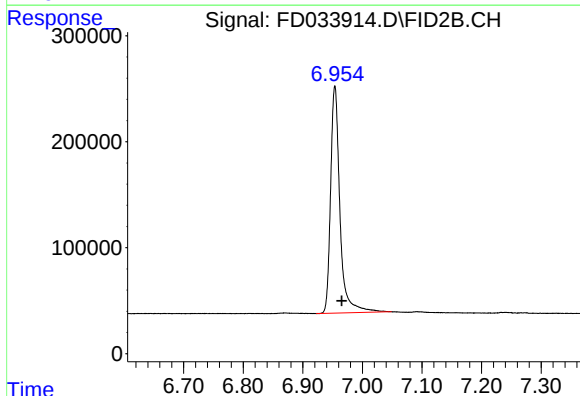
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.370 min
Delta R.T.: -0.009 min
Response: 2346693
Conc: 18.63 ug/ml



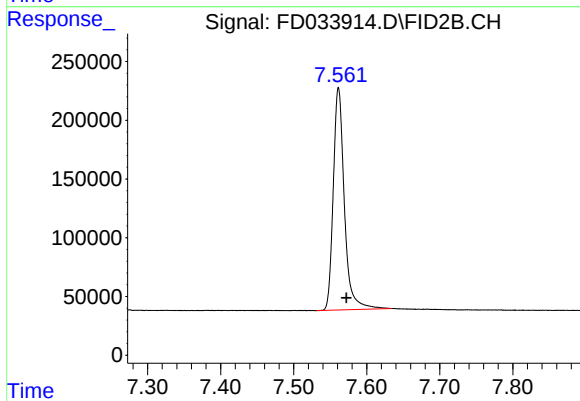
#2 Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.012 min
Response: 2296941
Conc: 18.27 ug/ml



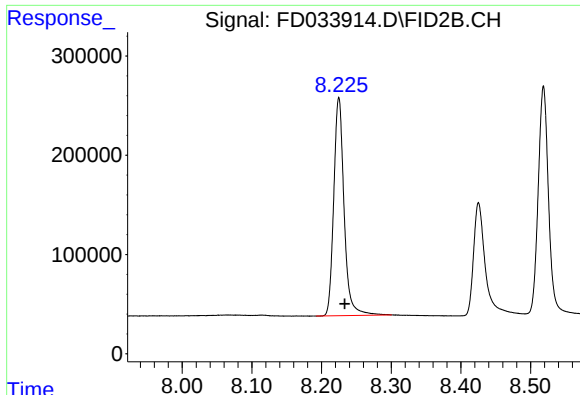
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.011 min
Response: 2332343
Conc: 18.28 ug/ml



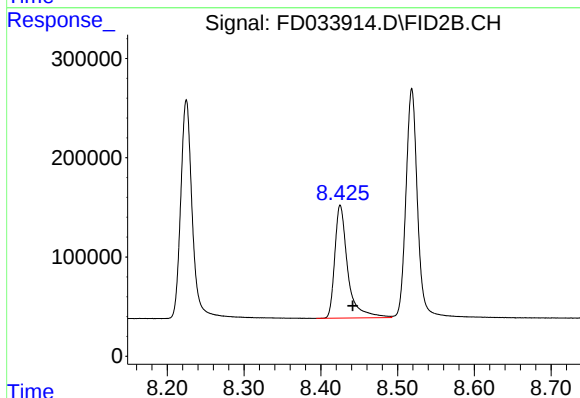
#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: -0.011 min
Response: 1996218
Conc: 18.06 ug/ml



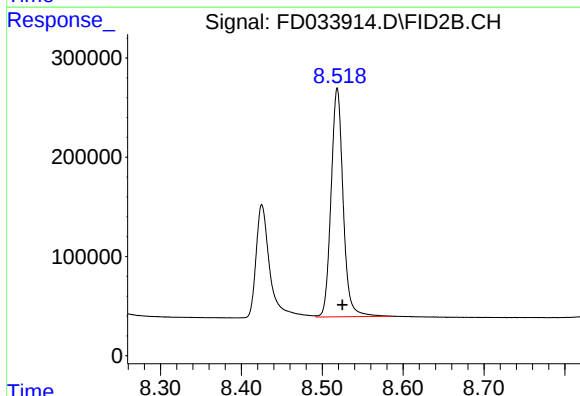
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.009 min
Response: 2270369
Conc: 17.62 ug/ml



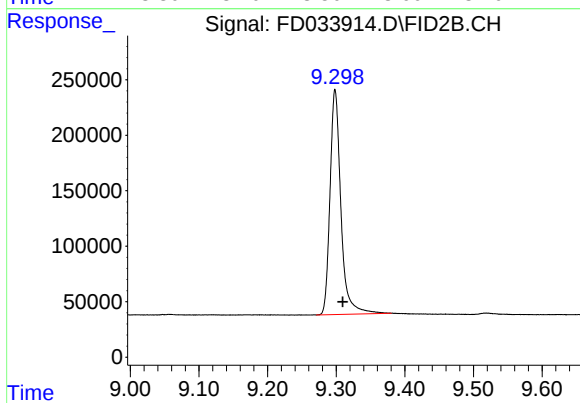
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: -0.016 min
Response: 1336663
Conc: 18.01 ug/ml



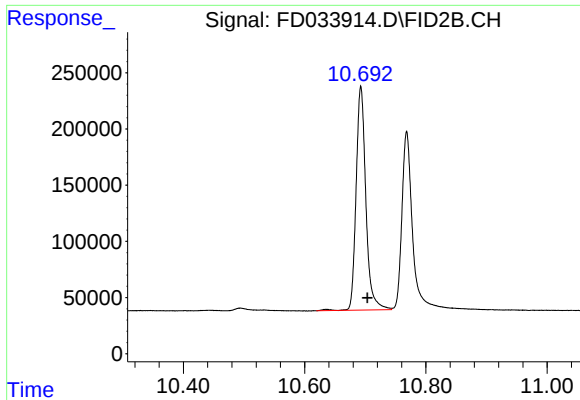
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: -0.006 min
Response: 2387270
Conc: 17.84 ug/ml



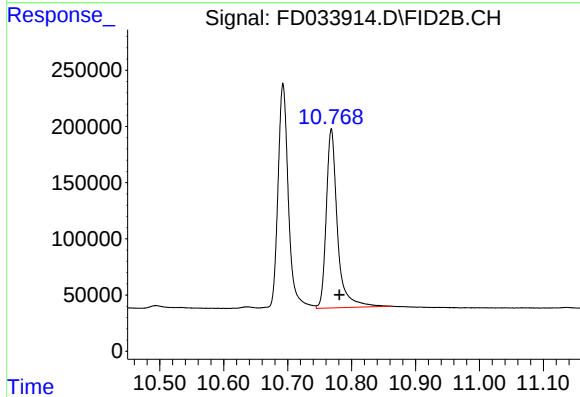
#8 Fluorene (C16.55)

R.T.: 9.298 min
Delta R.T.: -0.011 min
Response: 2230826
Conc: 17.75 ug/ml



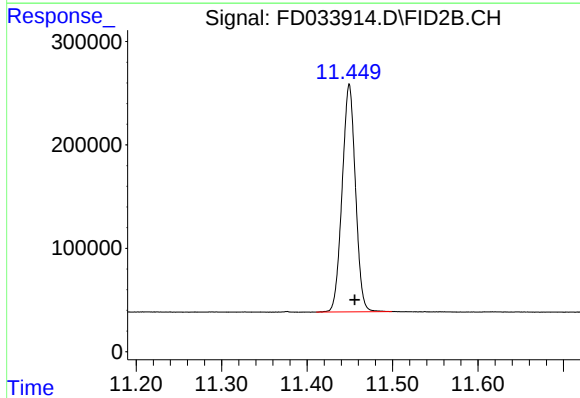
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.011 min
Response: 2221908
Conc: 17.31 ug/ml



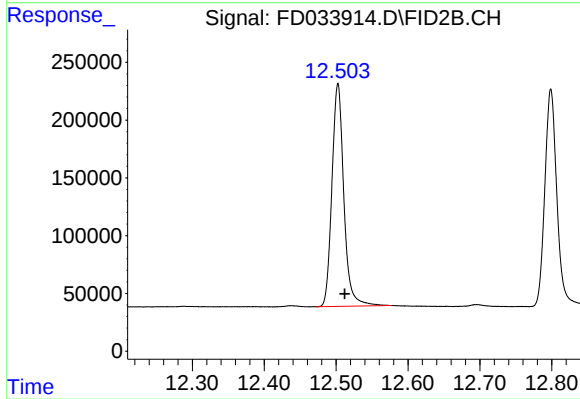
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.013 min
Response: 1935555
Conc: 15.31 ug/ml m



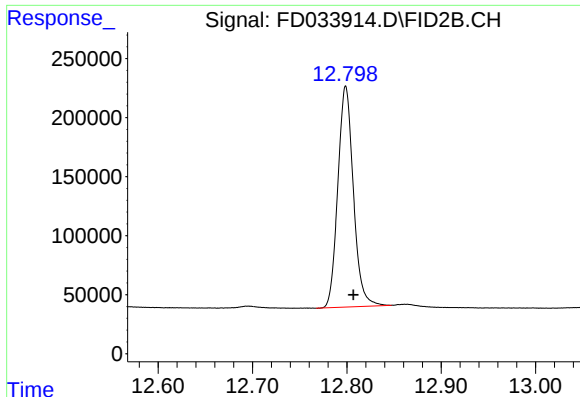
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.007 min
Response: 2382785
Conc: 17.16 ug/ml



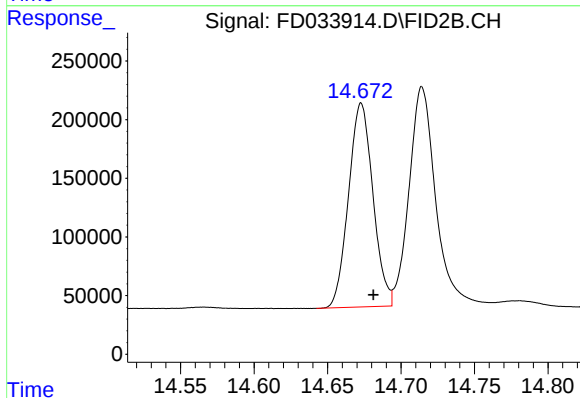
#12 Fluoranthene (C21.85)

R.T.: 12.503 min
Delta R.T.: -0.009 min
Response: 2221951
Conc: 16.87 ug/ml



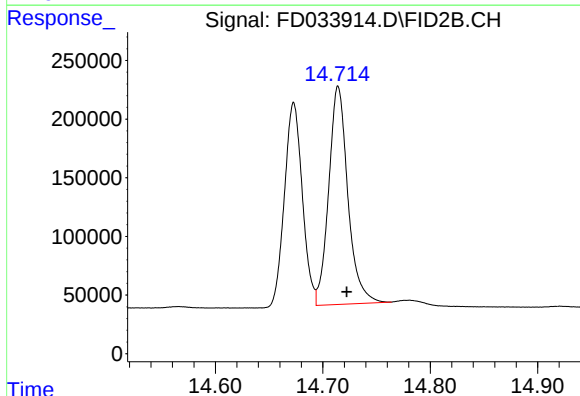
#13 Pyrene (C20.8)

R.T.: 12.799 min
Delta R.T.: -0.008 min
Response: 2139356
Conc: 16.66 ug/ml



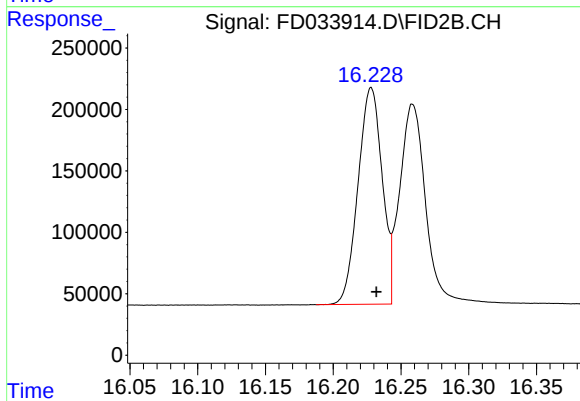
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: -0.008 min
Response: 2008436
Conc: 16.91 ug/ml



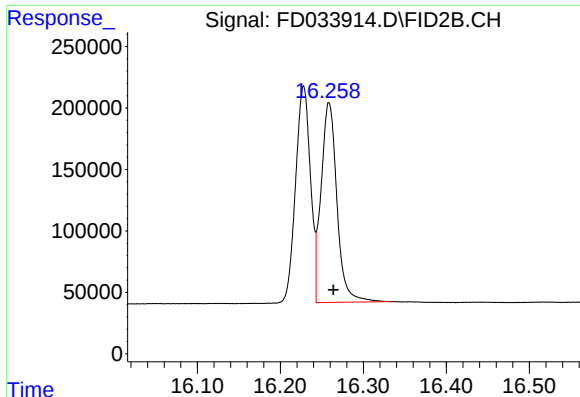
#15 Chrysene (C27.41)

R.T.: 14.714 min
Delta R.T.: -0.008 min
Response: 2305652
Conc: 17.41 ug/ml



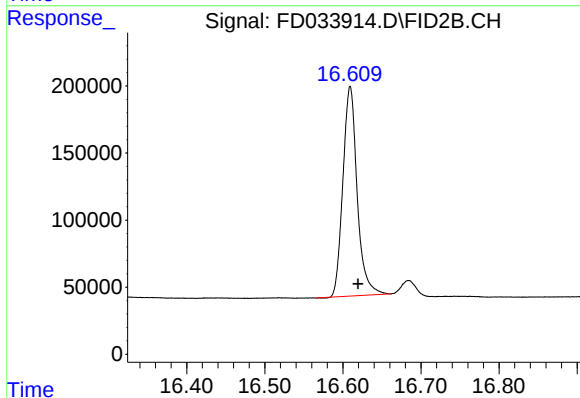
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2182386
Conc: 18.44 ug/ml



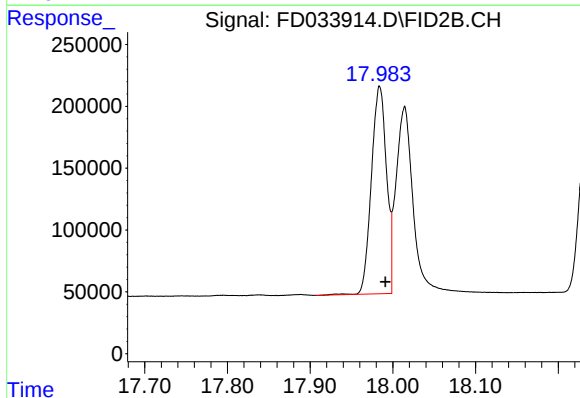
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.005 min
Response: 2161631
Conc: 16.92 ug/ml



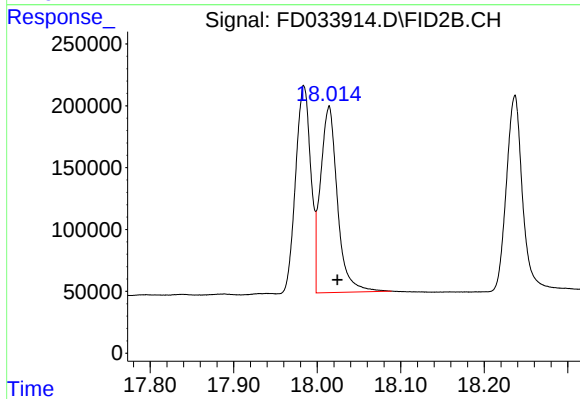
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 1982202
Conc: 16.53 ug/ml



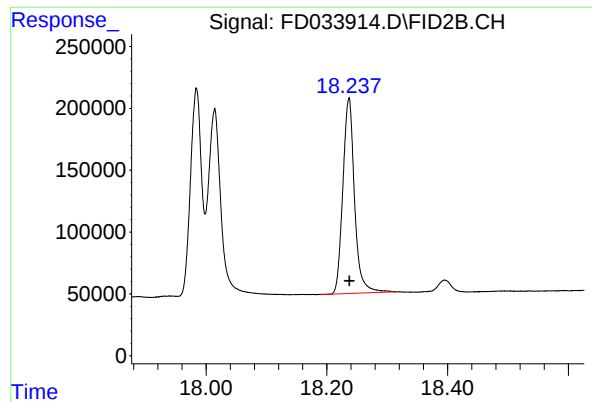
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: -0.007 min
Response: 2124368
Conc: 20.39 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.010 min
Response: 2128044
Conc: 17.36 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2116753
Conc: 18.79 ug/ml