

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070620AR\
 Data File : FD033911.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2020 15:47
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 07 08:39:13 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...	7.560	2015567	18.236 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
6) S 2-Fluorobiphenyl (SURR)	8.424	1346543	18.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.28%
11) S ortho-Terphenyl (SURR)	11.450	2388455	17.197 ug/ml
Spiked Amount 50.000		Recovery =	34.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.370	2360401	18.736 ug/ml
2) T Naphthalene (C11.7)	5.904	2312998	18.401 ug/ml
3) T 2-Methylnaphthalene (...)	6.953	2322781	18.207 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2285510	17.740 ug/ml
7) T Acenaphthene (C15.5)	8.518	2397718	17.919 ug/ml
8) T Fluorene (C16.55)	9.298	2236321	17.794 ug/ml
9) T Phenanthrene (C19.36)	10.693	2217487	17.272 ug/ml
10) T Anthracene (C19.43)	10.768	1918233	15.177 ug/mlm
12) T Fluoranthene (C21.85)	12.504	2206256	16.754 ug/ml
13) T Pyrene (C20.8)	12.800	2130210	16.587 ug/ml
14) T Benzo[a]anthracene (C...	14.674	1984145	16.708 ug/ml
15) T Chrysene (C27.41)	14.715	2281891	17.233 ug/ml
16) T benzo[b]fluoranthene ...	16.229	2166112	18.300 ug/ml
17) T Bnezo[k]fluoranthene ...	16.260	2128743	16.661 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.610	1960568	16.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	2097532	20.132 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	2103385	17.158 ug/ml
21) T Benzo[g,h,i]perylene ...	18.237	2093263	18.583 ug/ml

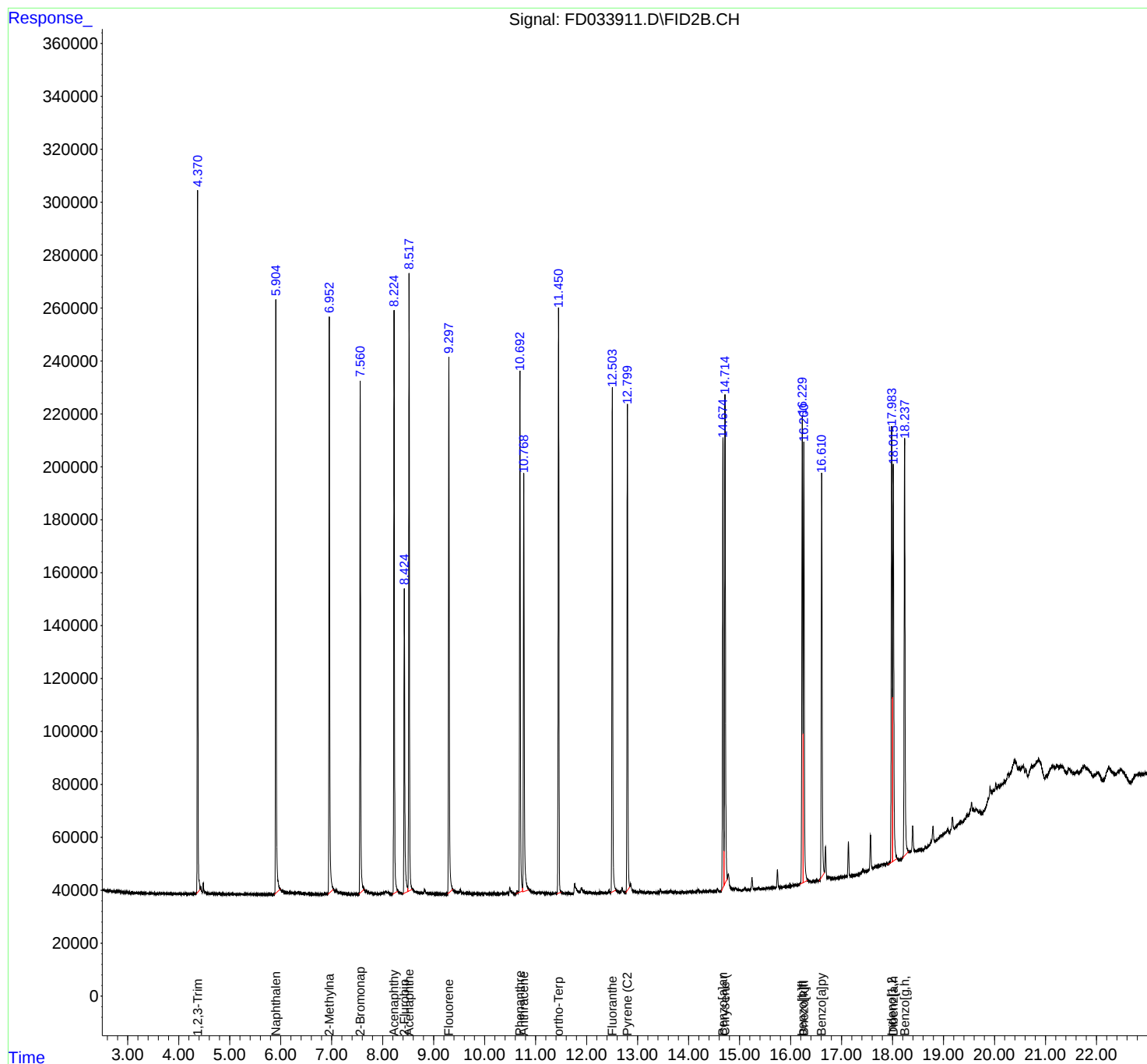
(f)=RT Delta > 1/2 Window

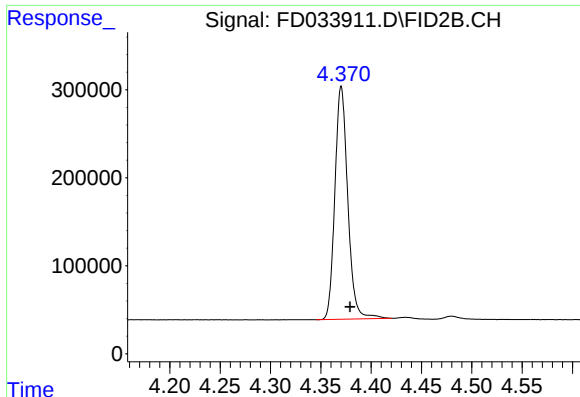
(m)=manual int.

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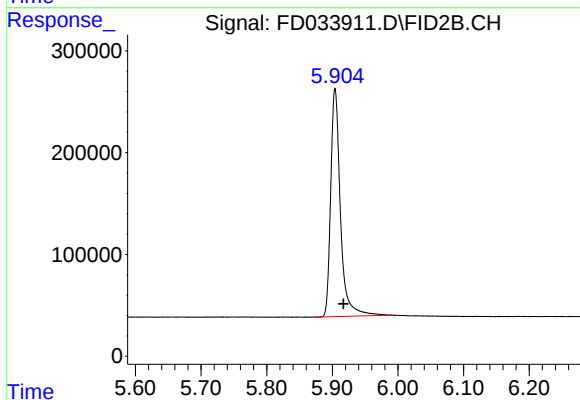
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





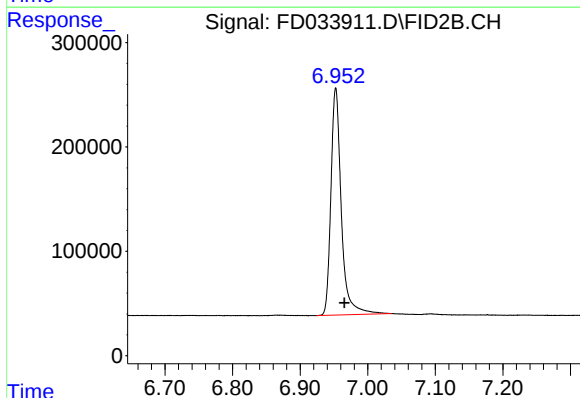
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.370 min
Delta R.T.: -0.009 min
Response: 2360401
Conc: 18.74 ug/ml



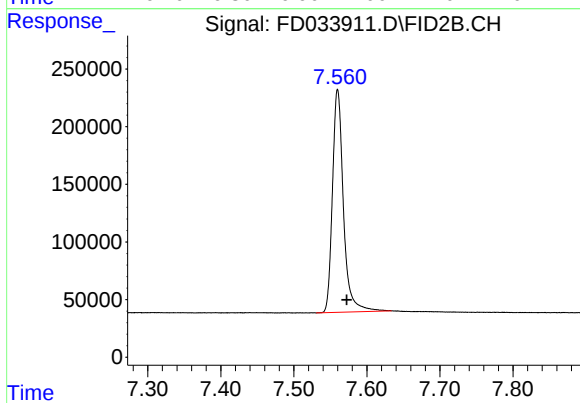
#2 Naphthalene (C11.7)

R.T.: 5.904 min
Delta R.T.: -0.012 min
Response: 2312998
Conc: 18.40 ug/ml



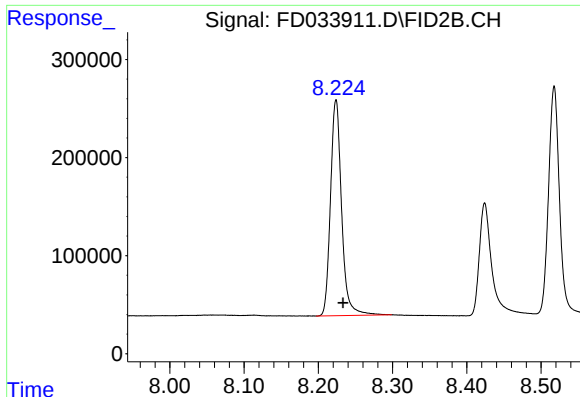
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.953 min
Delta R.T.: -0.013 min
Response: 2322781
Conc: 18.21 ug/ml



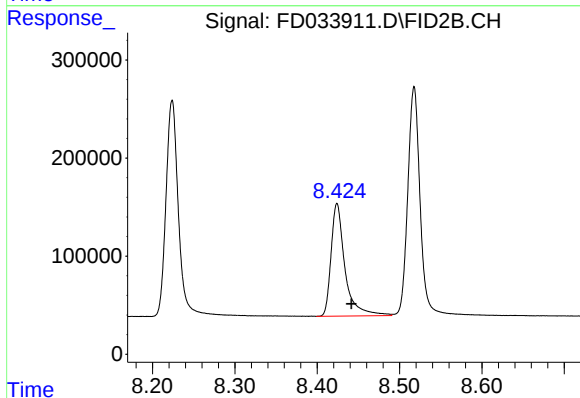
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: -0.012 min
Response: 2015567
Conc: 18.24 ug/ml



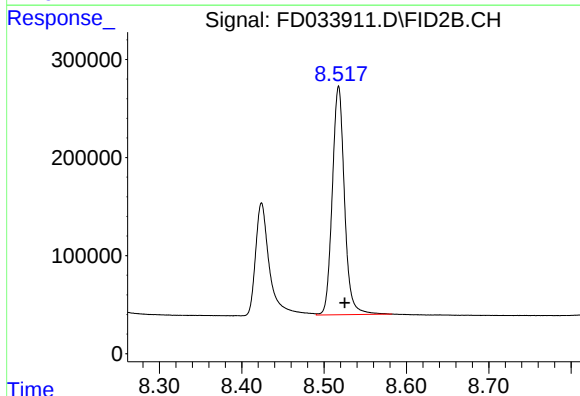
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.010 min
Response: 2285510
Conc: 17.74 ug/ml



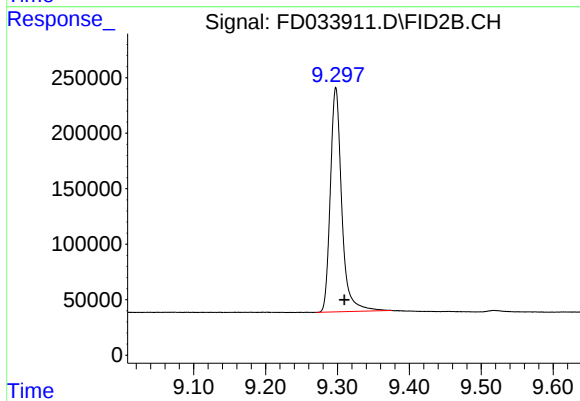
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.424 min
Delta R.T.: -0.017 min
Response: 1346543
Conc: 18.14 ug/ml



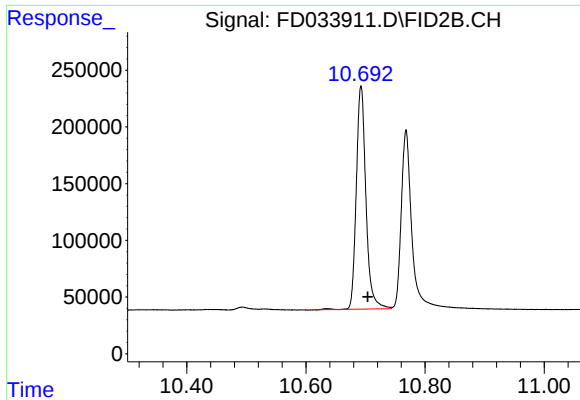
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: -0.007 min
Response: 2397718
Conc: 17.92 ug/ml



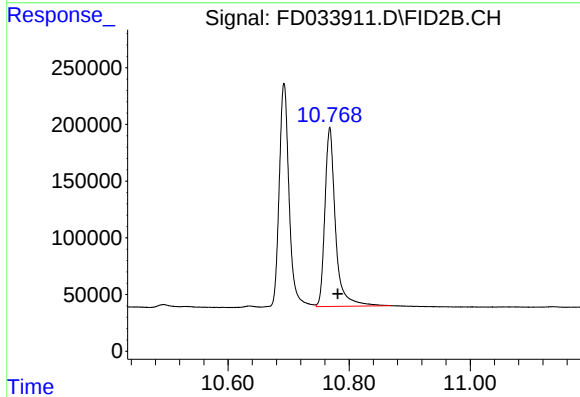
#8 Flouorene (C16.55)

R.T.: 9.298 min
Delta R.T.: -0.012 min
Response: 2236321
Conc: 17.79 ug/ml



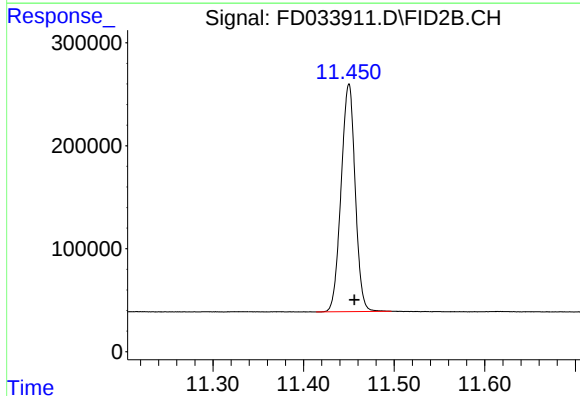
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.011 min
Response: 2217487
Conc: 17.27 ug/ml



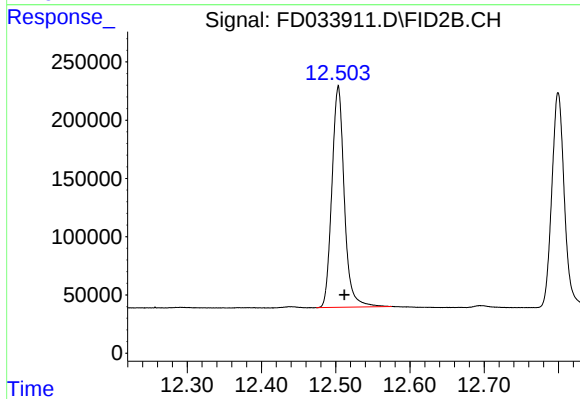
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.013 min
Response: 1918233
Conc: 15.18 ug/ml m



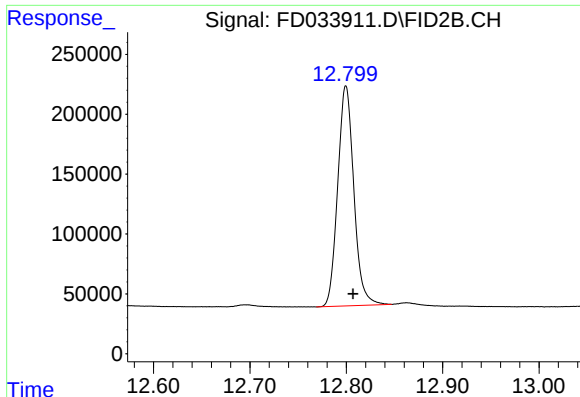
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.006 min
Response: 2388455
Conc: 17.20 ug/ml



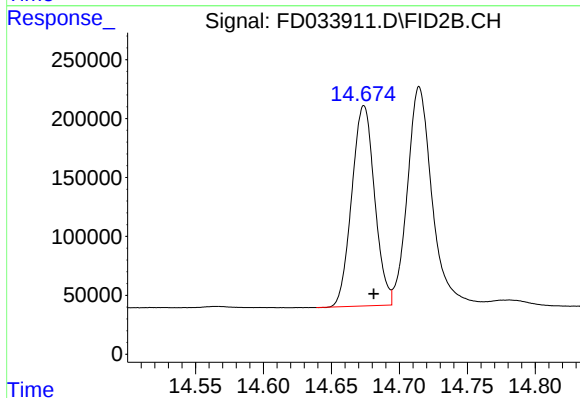
#12 Fluoranthene (C21.85)

R.T.: 12.504 min
Delta R.T.: -0.008 min
Response: 2206256
Conc: 16.75 ug/ml



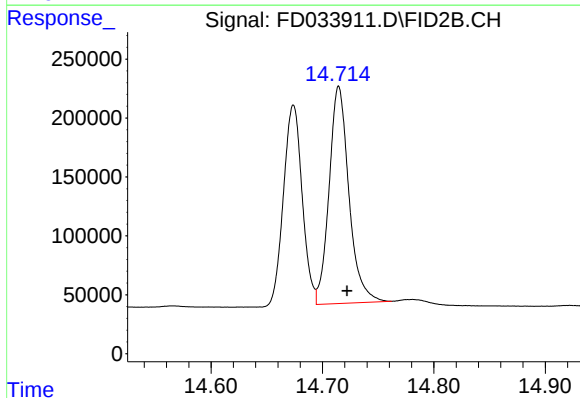
#13 Pyrene (C20.8)

R.T.: 12.800 min
Delta R.T.: -0.007 min
Response: 2130210
Conc: 16.59 ug/ml



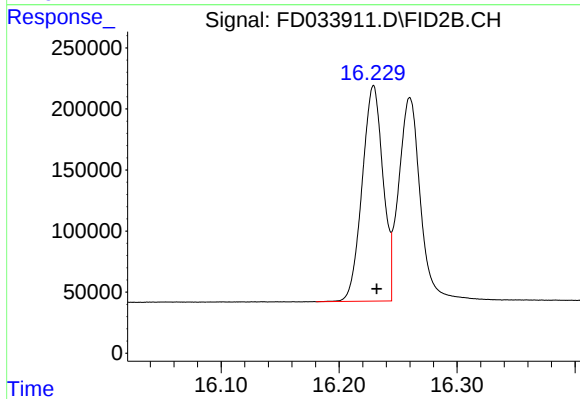
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: -0.007 min
Response: 1984145
Conc: 16.71 ug/ml



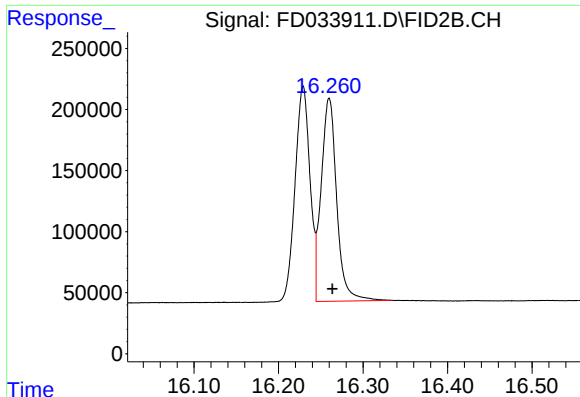
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: -0.008 min
Response: 2281891
Conc: 17.23 ug/ml



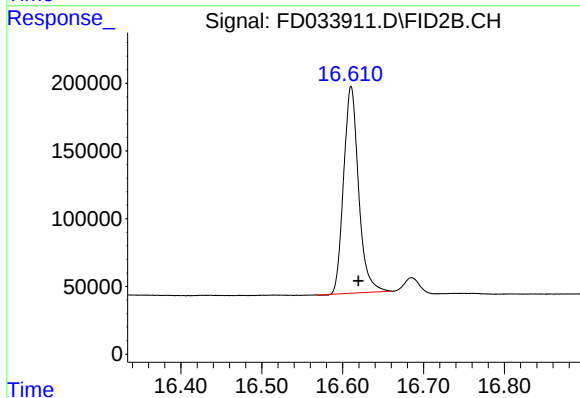
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.229 min
Delta R.T.: -0.003 min
Response: 2166112
Conc: 18.30 ug/ml



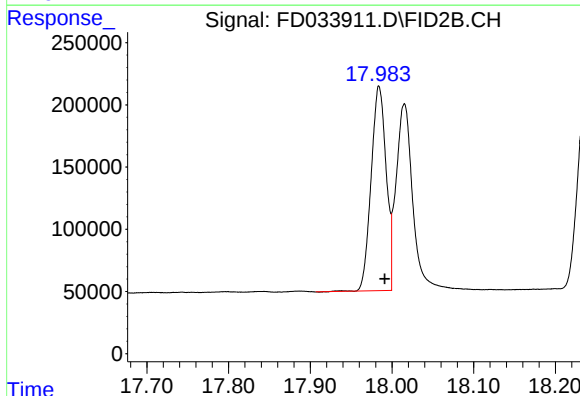
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.260 min
Delta R.T.: -0.004 min
Response: 2128743
Conc: 16.66 ug/ml



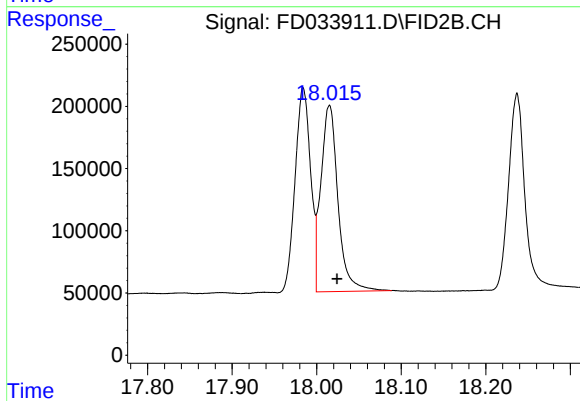
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.610 min
Delta R.T.: -0.009 min
Response: 1960568
Conc: 16.35 ug/ml



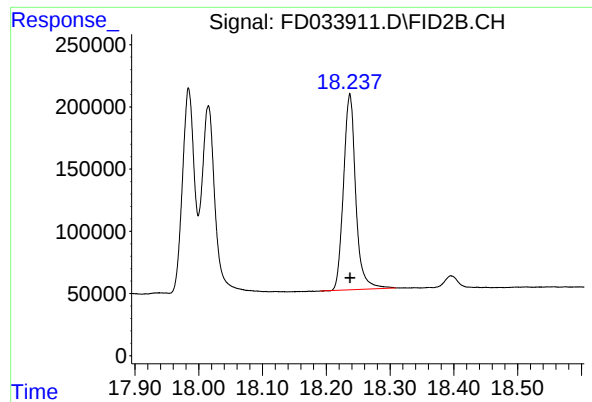
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: -0.007 min
Response: 2097532
Conc: 20.13 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.009 min
Response: 2103385
Conc: 17.16 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2093263
Conc: 18.58 ug/ml