

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111720AR\
 Data File : FD035568.D
 Signal(s) : FID2B.CH
 Acq On : 17 Nov 2020 16:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 18 00:31:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.630	2106639	18.163 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
6) S 2-Fluorobiphenyl (SURR)	8.498	1403405	17.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.88%
11) S ortho-Terphenyl (SURR)	11.534	2376221	17.099 ug/ml
Spiked Amount 50.000		Recovery =	34.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.427	2469525	19.146 ug/ml
2) T Naphthalene (C11.7)	5.969	2505004	18.500 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	2484459	18.226 ug/ml
5) T Acenaphthylene (C15.06)	8.299	2351690	17.444 ug/ml
7) T Acenaphthene (C15.5)	8.594	2458241	17.708 ug/ml
8) T Flouorene (C16.55)	9.376	2307846	17.405 ug/ml
9) T Phenanthrene (C19.36)	10.775	2239155	16.939 ug/ml
10) T Anthracene (C19.43)	10.851	2245767	16.610 ug/ml
12) T Fluoranthene (C21.85)	12.589	2199025	16.369 ug/ml
13) T Pyrene (C20.8)	12.887	2125984	15.986 ug/ml
14) T Benzo[a]anthracene (C...	14.762	2048623	17.215 ug/ml
15) T Chrysene (C27.41)	14.804	2187257	16.515 ug/ml
16) T benzo[b]fluoranthene ...	16.317	2126955	17.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	2128739	17.491 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	1973875	18.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.067	2094350	20.492 ug/mlm
20) T Dibenz[a,h]anthracene...	18.101	2128363	18.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.321	2086863	19.492 ug/mlm

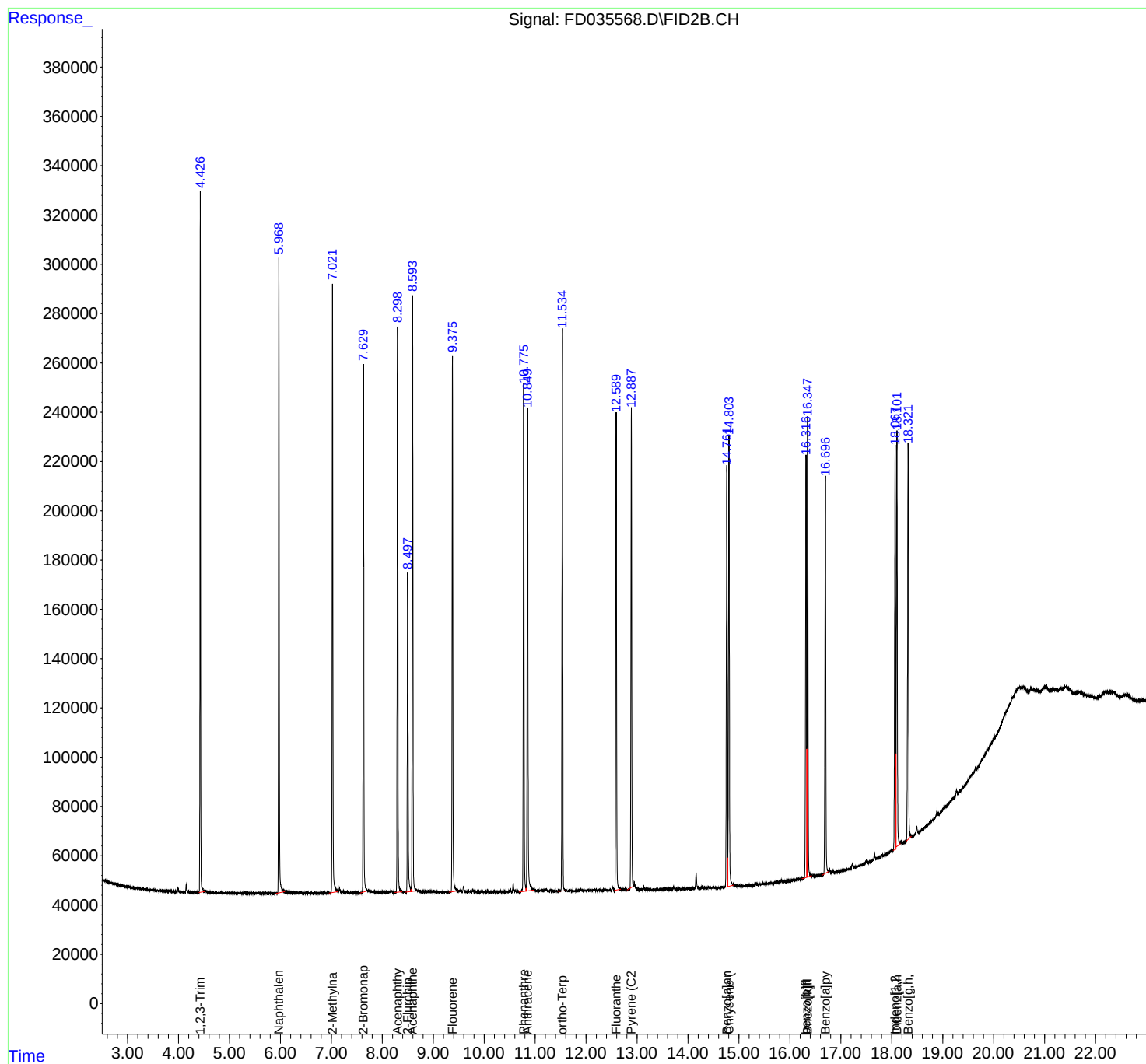
(f)=RT Delta > 1/2 Window

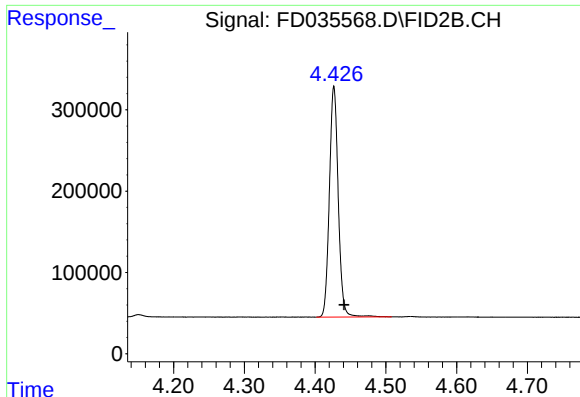
(m)=manual int.

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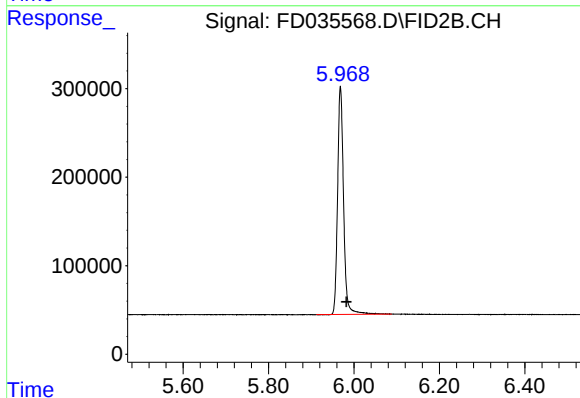
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





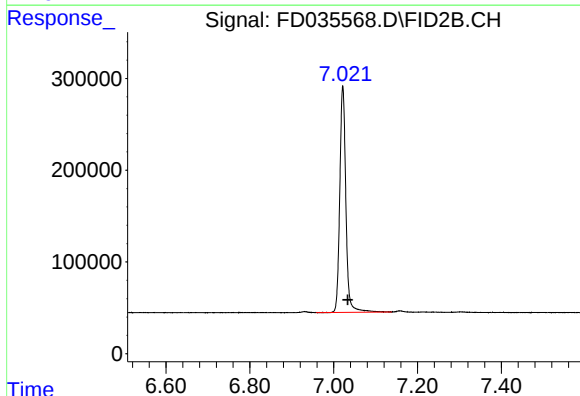
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.427 min
Delta R.T.: -0.014 min
Response: 2469525
Conc: 19.15 ug/ml



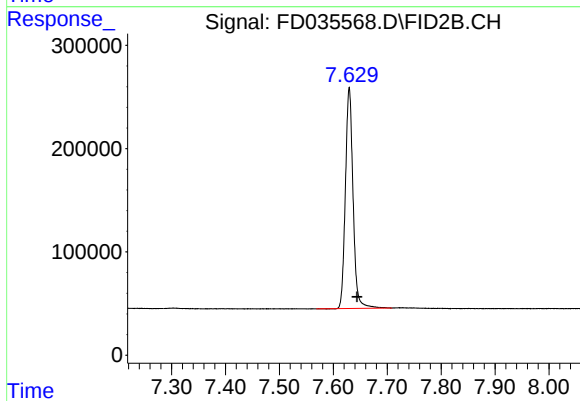
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.014 min
Response: 2505004
Conc: 18.50 ug/ml



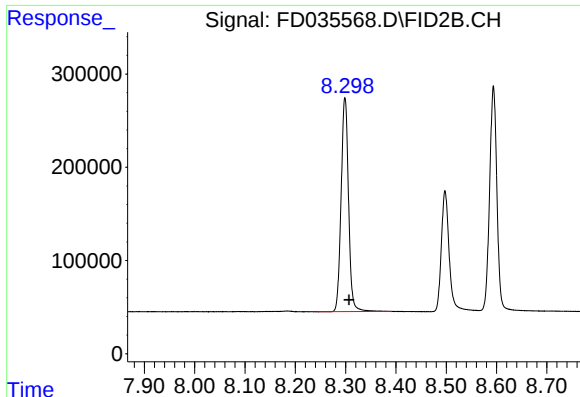
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.012 min
Response: 2484459
Conc: 18.23 ug/ml



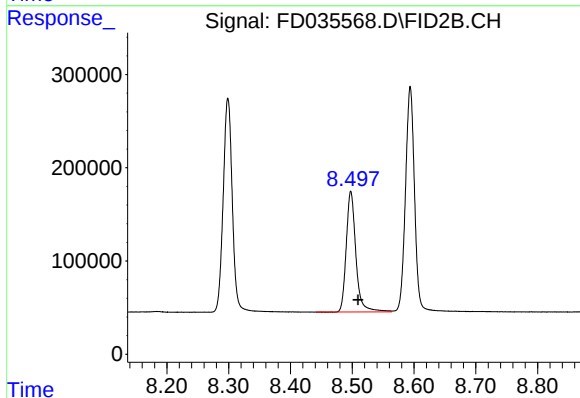
#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: -0.014 min
Response: 2106639
Conc: 18.16 ug/ml



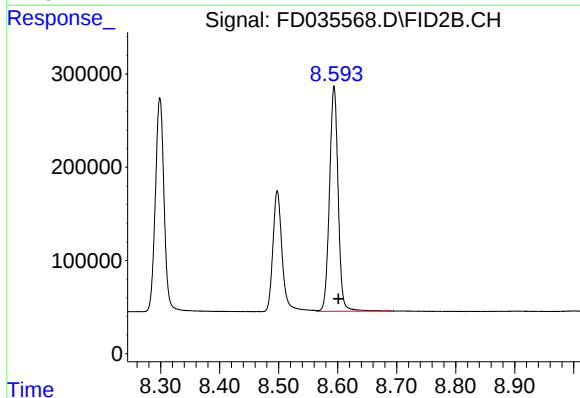
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.009 min
Response: 2351690
Conc: 17.44 ug/ml



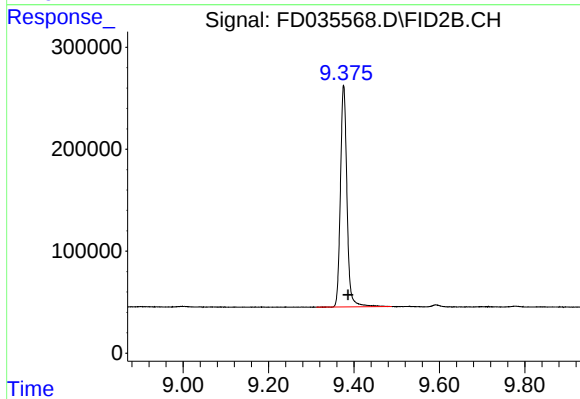
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: -0.012 min
Response: 1403405
Conc: 17.44 ug/ml



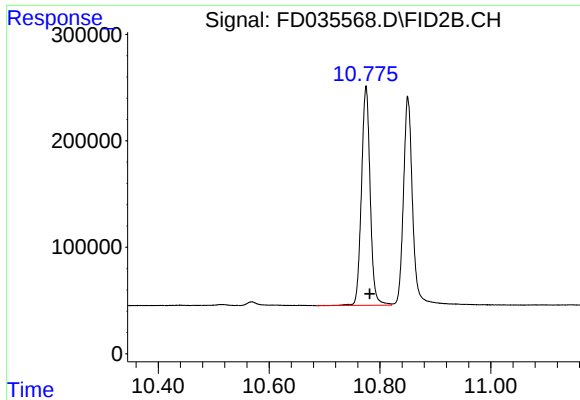
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.007 min
Response: 2458241
Conc: 17.71 ug/ml



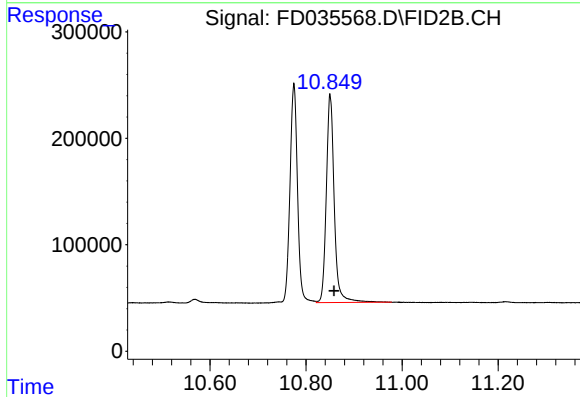
#8 Flouorene (C16.55)

R.T.: 9.376 min
Delta R.T.: -0.010 min
Response: 2307846
Conc: 17.40 ug/ml



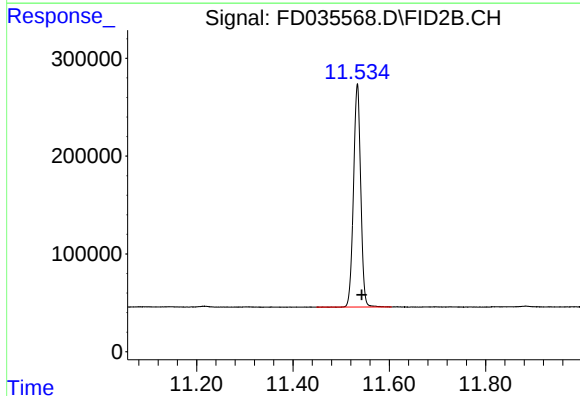
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.007 min
Response: 2239155
Conc: 16.94 ug/ml



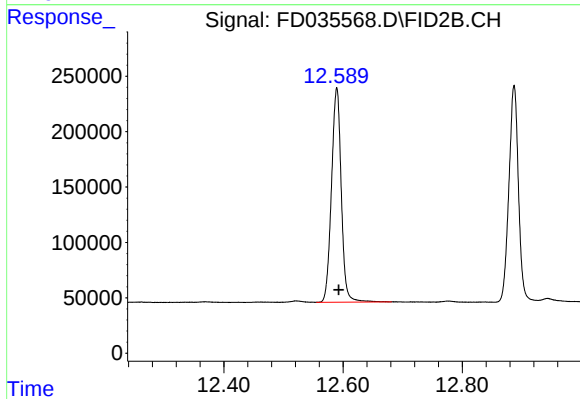
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.008 min
Response: 2245767
Conc: 16.61 ug/ml



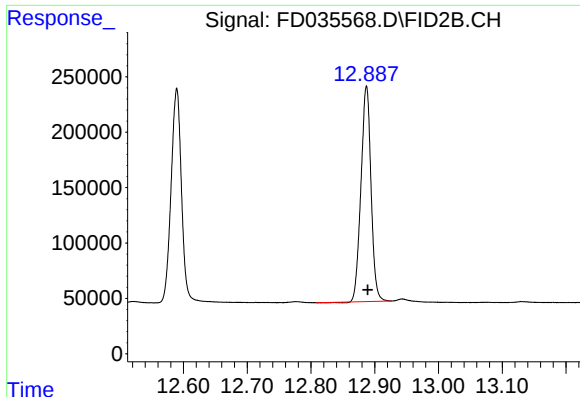
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.009 min
Response: 2376221
Conc: 17.10 ug/ml



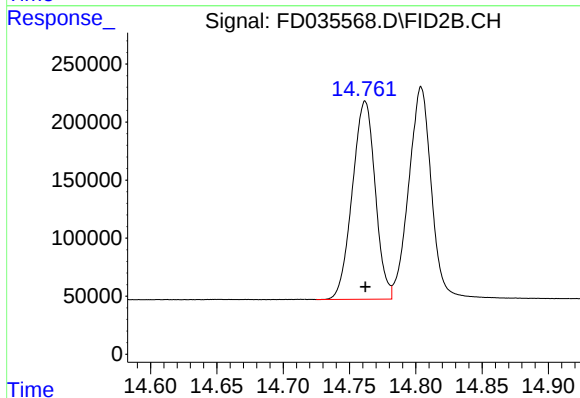
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: -0.003 min
Response: 2199025
Conc: 16.37 ug/ml



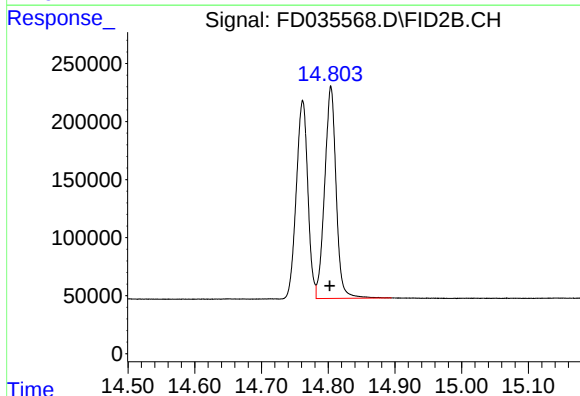
#13 Pyrene (C20.8)

R.T.: 12.887 min
Delta R.T.: -0.002 min
Response: 2125984
Conc: 15.99 ug/ml



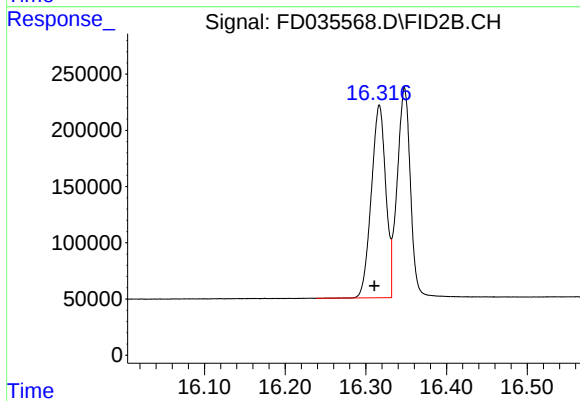
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: 0.000 min
Response: 2048623
Conc: 17.22 ug/ml



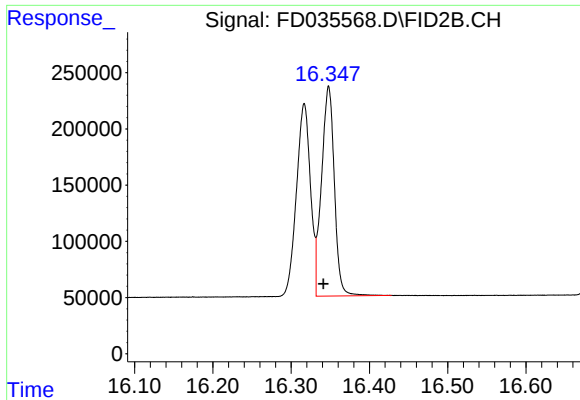
#15 Chrysene (C27.41)

R.T.: 14.804 min
Delta R.T.: 0.002 min
Response: 2187257
Conc: 16.51 ug/ml



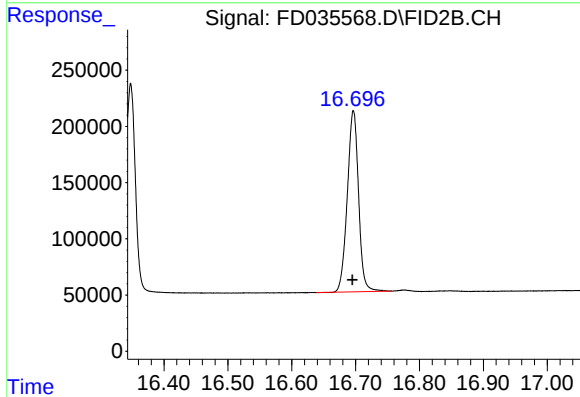
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.317 min
Delta R.T.: 0.006 min
Response: 2126955
Conc: 18.00 ug/ml



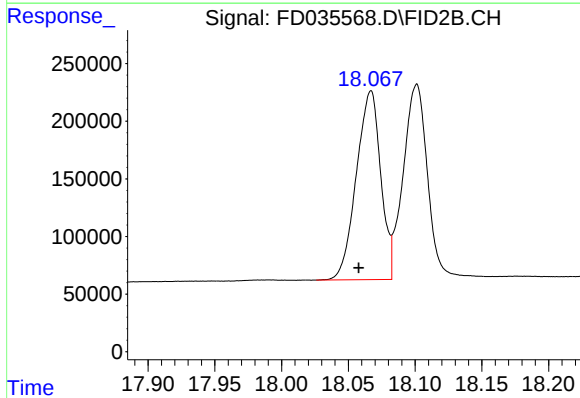
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: 0.007 min
Response: 2128739
Conc: 17.49 ug/ml



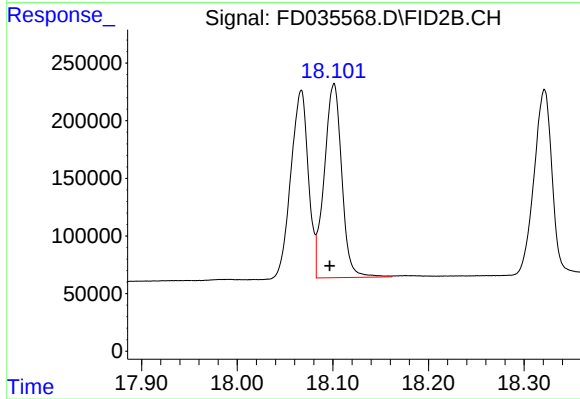
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: 0.001 min
Response: 1973875
Conc: 18.05 ug/ml



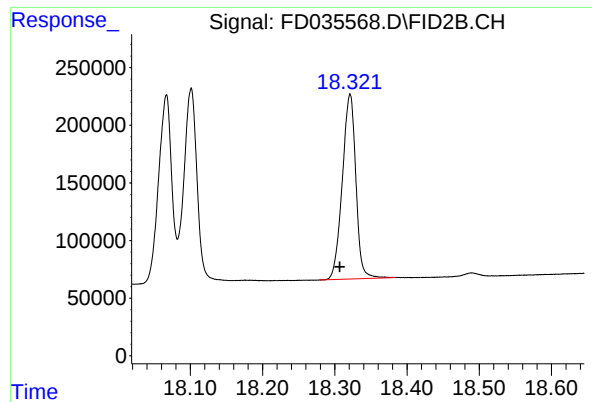
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.067 min
Delta R.T.: 0.009 min
Response: 2094350
Conc: 20.49 ug/ml m



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

R.T.: 18.101 min
Delta R.T.: 0.004 min
Response: 2128363
Conc: 18.61 ug/ml



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

R.T.: 18.321 min
Delta R.T.: 0.014 min
Response: 2086863
Conc: 19.49 ug/ml m