

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081020AR\
 Data File : FD034424.D
 Signal(s) : FID2B.CH
 Acq On : 10 Aug 2020 20:19
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 03:02:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.705	2115636	18.096 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
6) S 2-Fluorobiphenyl (SURR)	8.573	1488263	17.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.90%
11) S ortho-Terphenyl (SURR)	11.613	2399726	17.659 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2342474	18.378 ug/ml
2) T Naphthalene (C11.7)	6.042	2442179	18.254 ug/ml
3) T 2-Methylnaphthalene (...)	7.097	2445799	18.119 ug/ml
5) T Acenaphthylene (C15.06)	8.375	2365155	17.871 ug/ml
7) T Acenaphthene (C15.5)	8.671	2417505	17.976 ug/ml
8) T Flouorene (C16.55)	9.453	2371772	17.844 ug/ml
9) T Phenanthrene (C19.36)	10.853	2354392	17.565 ug/ml
10) T Anthracene (C19.43)	10.928	2272885	17.125 ug/ml
12) T Fluoranthene (C21.85)	12.667	2377891	17.495 ug/ml
13) T Pyrene (C20.8)	12.965	2322226	17.440 ug/ml
14) T Benzo[a]anthracene (C...	14.837	2300010	17.524 ug/ml
15) T Chrysene (C27.41)	14.879	2312524	17.638 ug/ml
16) T benzo[b]fluoranthene ...	16.387	2320229	18.136 ug/ml
17) T Bnezo[k]fluoranthene ...	16.420	2266019	18.296 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.768	2311297	18.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2423306	20.140 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	2342620	19.844 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	2316502	19.550 ug/ml

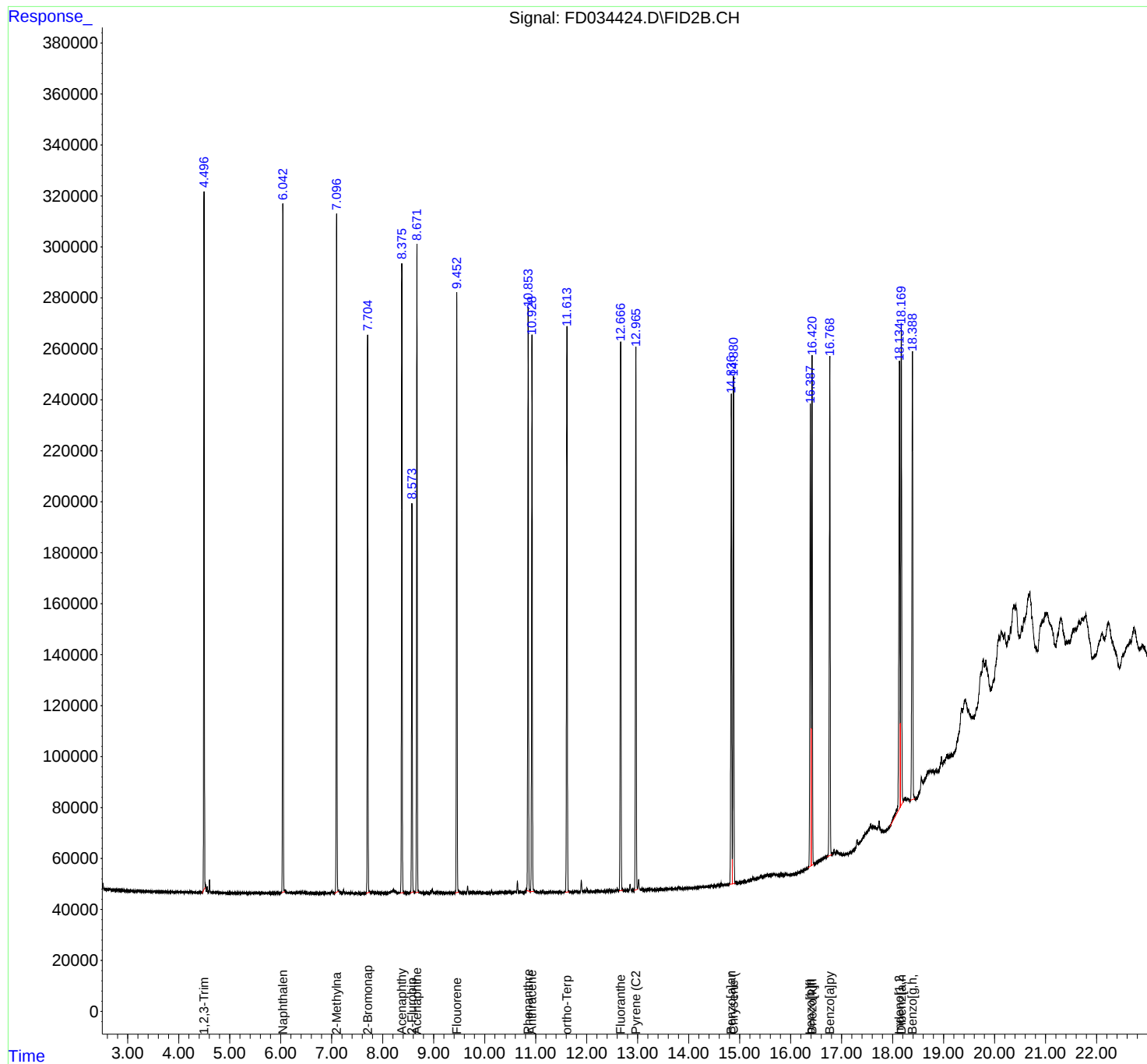
(f)=RT Delta > 1/2 Window

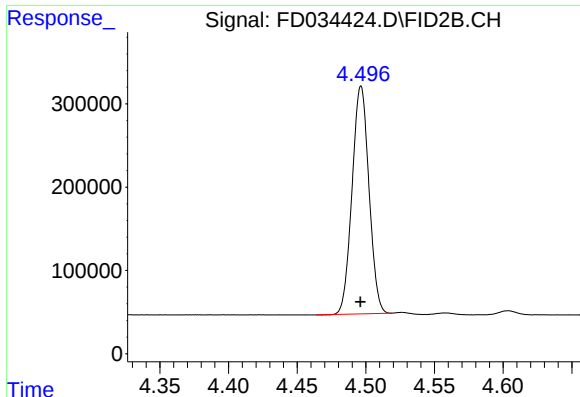
(m)=manual int.

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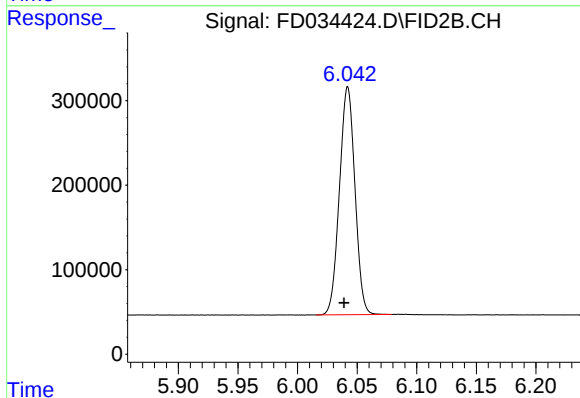
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





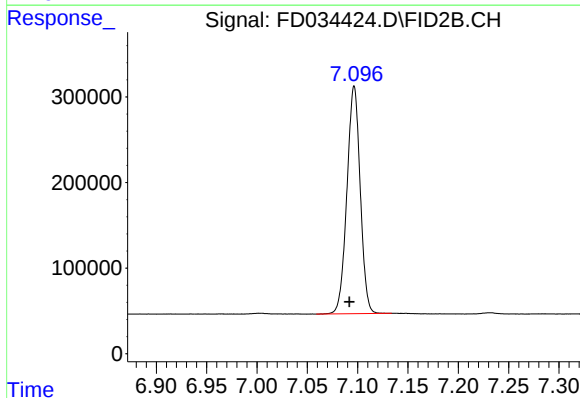
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 2342474
Conc: 18.38 ug/ml



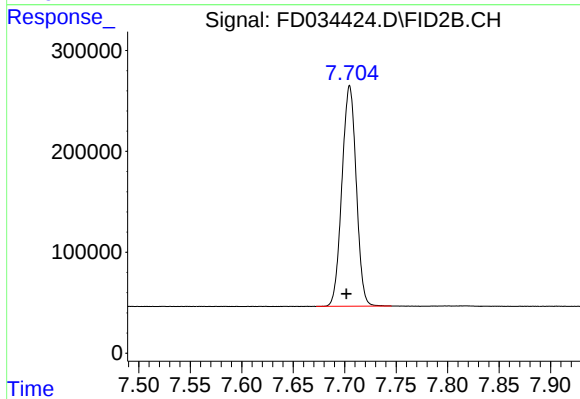
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.003 min
Response: 2442179
Conc: 18.25 ug/ml



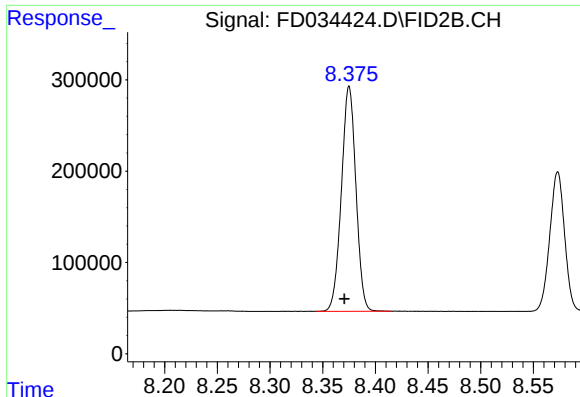
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: 0.005 min
Response: 2445799
Conc: 18.12 ug/ml



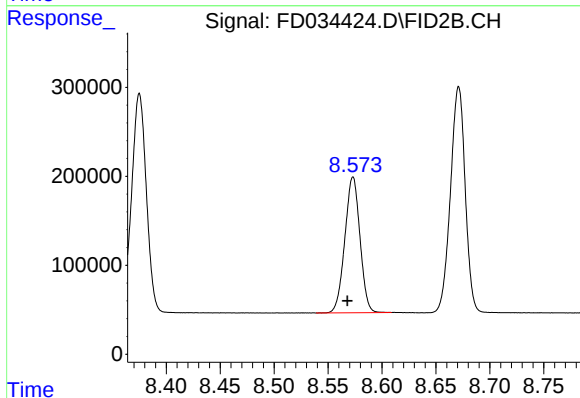
#4 2-Bromonaphthalene (SURR)

R.T.: 7.705 min
Delta R.T.: 0.003 min
Response: 2115636
Conc: 18.10 ug/ml



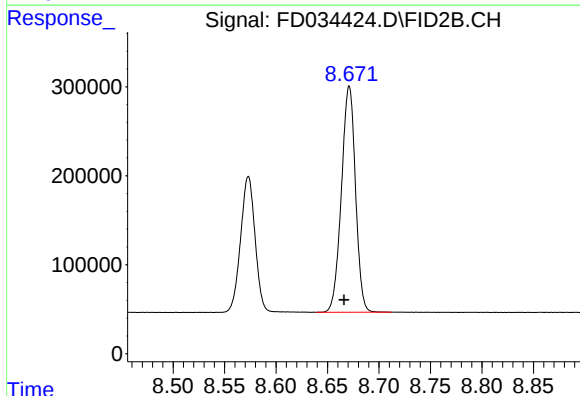
#5 Acenaphthylene (C15.06)

R.T.: 8.375 min
Delta R.T.: 0.004 min
Response: 2365155
Conc: 17.87 ug/ml



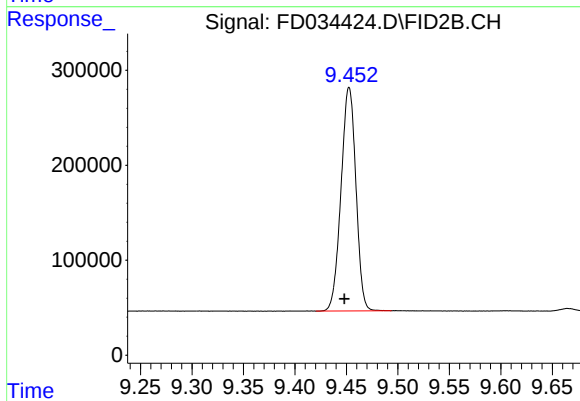
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.005 min
Response: 1488263
Conc: 17.95 ug/ml



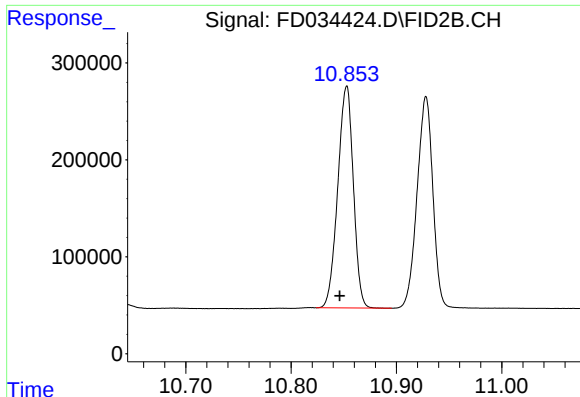
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: 0.005 min
Response: 2417505
Conc: 17.98 ug/ml



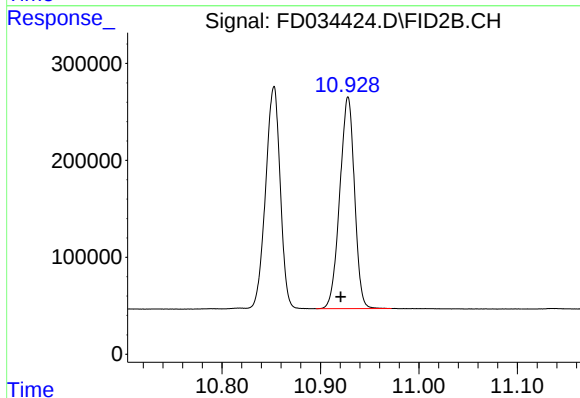
#8 Fluorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.005 min
Response: 2371772
Conc: 17.84 ug/ml



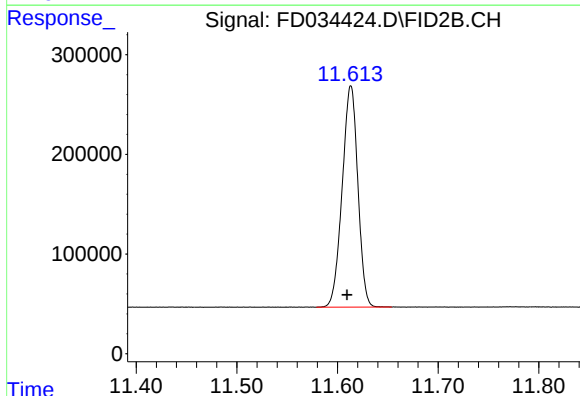
#9 Phenanthrene (C19.36)

R.T.: 10.853 min
Delta R.T.: 0.007 min
Response: 2354392
Conc: 17.56 ug/ml



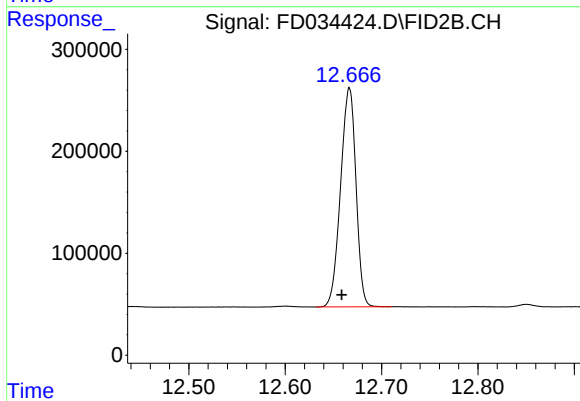
#10 Anthracene (C19.43)

R.T.: 10.928 min
Delta R.T.: 0.008 min
Response: 2272885
Conc: 17.13 ug/ml



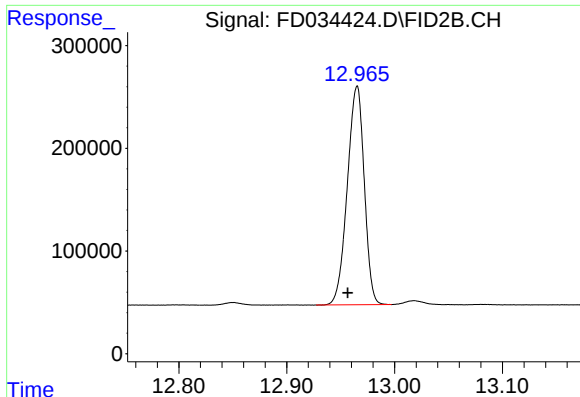
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: 0.004 min
Response: 2399726
Conc: 17.66 ug/ml



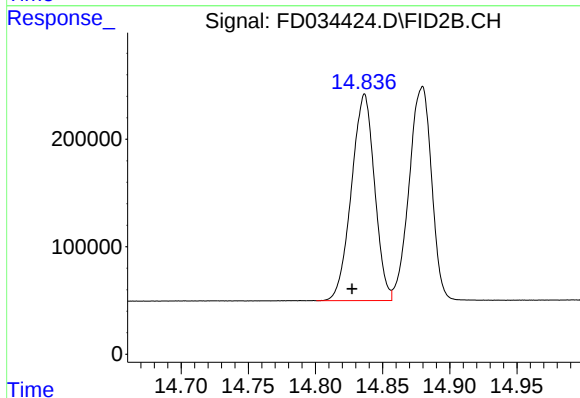
#12 Fluoranthene (C21.85)

R.T.: 12.667 min
Delta R.T.: 0.008 min
Response: 2377891
Conc: 17.50 ug/ml



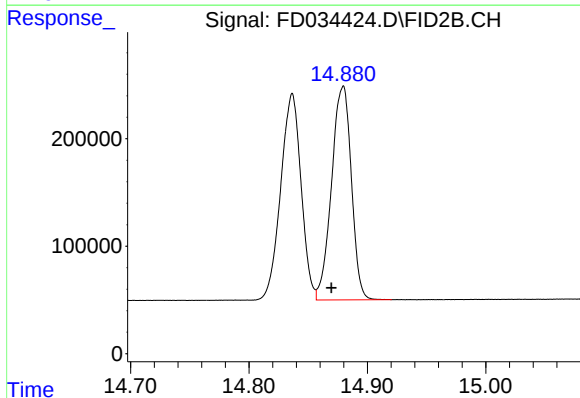
#13 Pyrene (C20.8)

R.T.: 12.965 min
Delta R.T.: 0.009 min
Response: 2322226
Conc: 17.44 ug/ml



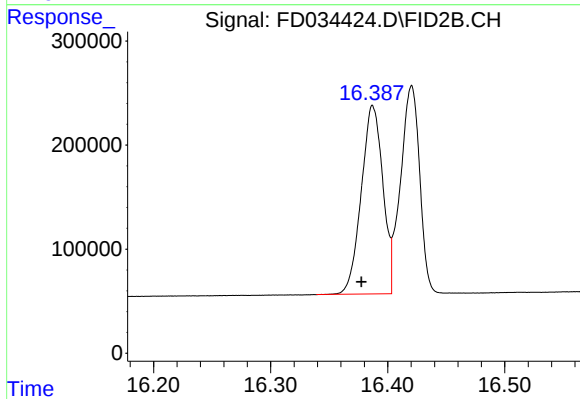
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.837 min
Delta R.T.: 0.009 min
Response: 2300010
Conc: 17.52 ug/ml



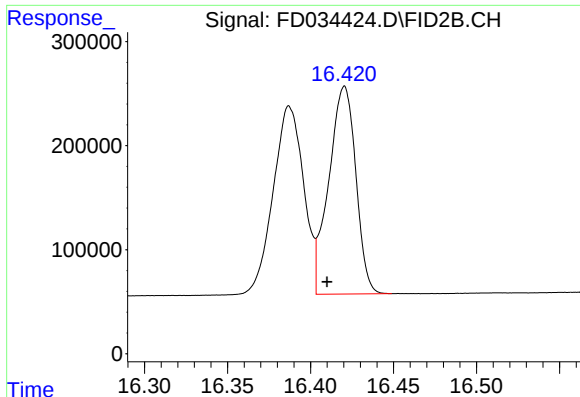
#15 Chrysene (C27.41)

R.T.: 14.879 min
Delta R.T.: 0.010 min
Response: 2312524
Conc: 17.64 ug/ml



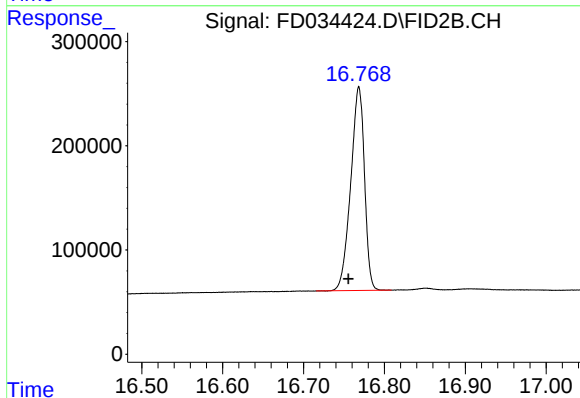
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.387 min
Delta R.T.: 0.010 min
Response: 2320229
Conc: 18.14 ug/ml



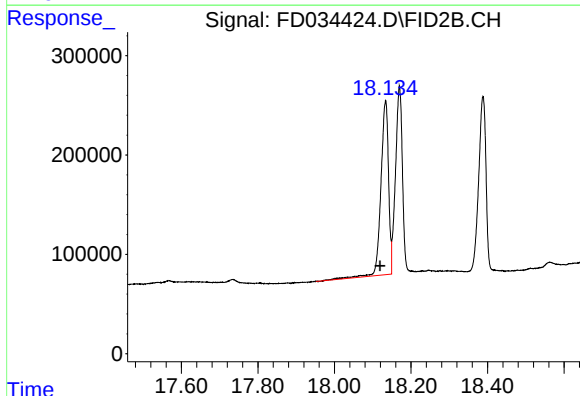
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.420 min
Delta R.T.: 0.010 min
Response: 2266019
Conc: 18.30 ug/ml



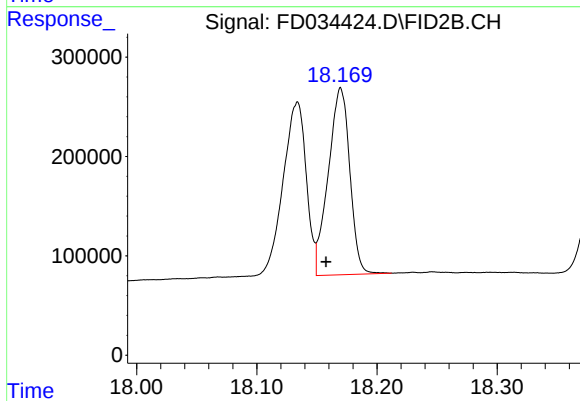
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.768 min
Delta R.T.: 0.013 min
Response: 2311297
Conc: 18.46 ug/ml



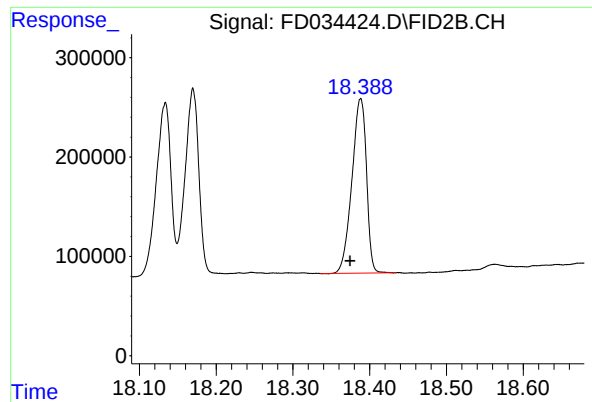
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.015 min
Response: 2423306
Conc: 20.14 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.012 min
Response: 2342620
Conc: 19.84 ug/ml



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

R.T.: 18.388 min
Delta R.T.: 0.014 min
Response: 2316502
Conc: 19.55 ug/ml