

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120419AR\
 Data File : FD031760.D
 Signal(s) : FID2B.CH
 Acq On : 04 Dec 2019 11:37
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 01:35:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.649	2343880	19.690 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.512	1564683	18.991 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.98%
11) S ortho-Terphenyl (SURR)	11.548	2365774	18.487 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	2589494	21.573 ug/ml
2) T Naphthalene (C11.7)	5.989	2641989	20.519 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	2565428	19.976 ug/ml
5) T Acenaphthylene (C15.06)	8.315	2408410	19.131 ug/ml
7) T Acenaphthene (C15.5)	8.611	2509846	19.169 ug/ml
8) T Flouorene (C16.55)	9.390	2437320	18.642 ug/ml
9) T Phenanthrene (C19.36)	10.785	2388310	18.127 ug/ml
10) T Anthracene (C19.43)	10.859	2302359	17.855 ug/ml
12) T Fluoranthene (C21.85)	12.594	2367482	17.864 ug/ml
13) T Pyrene (C20.8)	12.891	2354594	17.879 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2263870	17.884 ug/ml
15) T Chrysene (C27.41)	14.802	2288783	18.046 ug/ml
16) T benzo[b]fluoranthene ...	16.309	2337914	18.624 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	2292481	18.217 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.687	2291599	18.466 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.051	2215922	18.217 ug/ml
20) T Dibenz[a,h]anthracene...	18.090	2169694	17.523 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	2237631	18.549 ug/ml

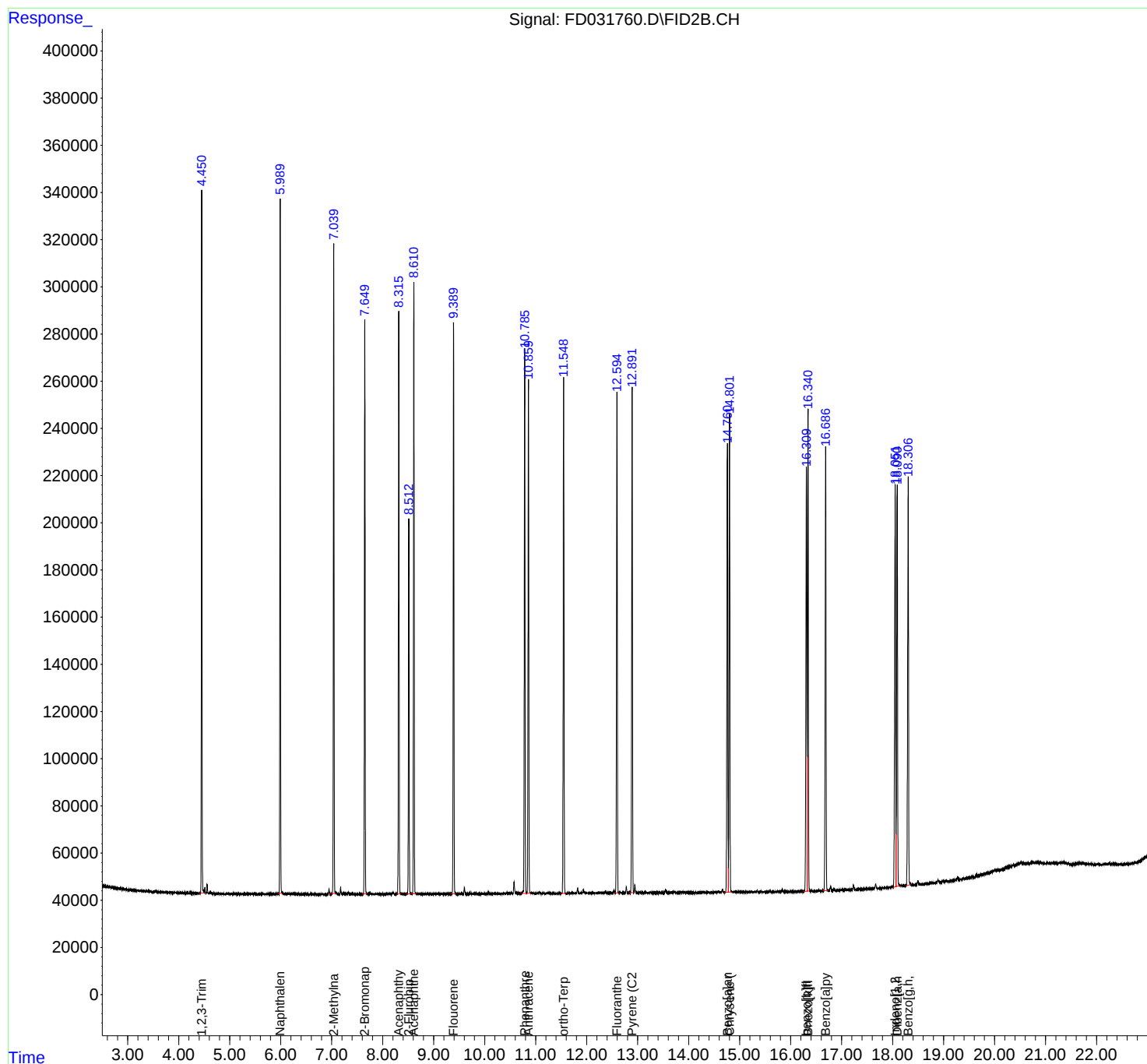
(f)=RT Delta > 1/2 Window

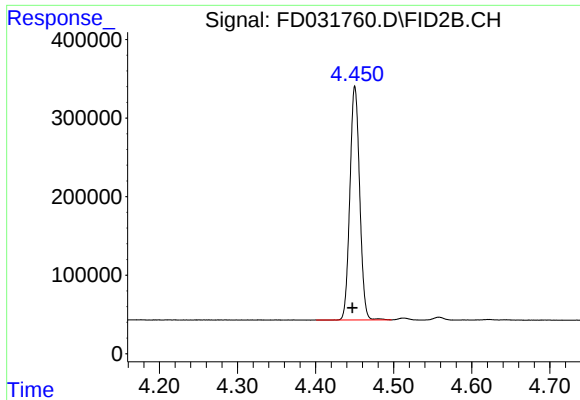
(m)=manual int.

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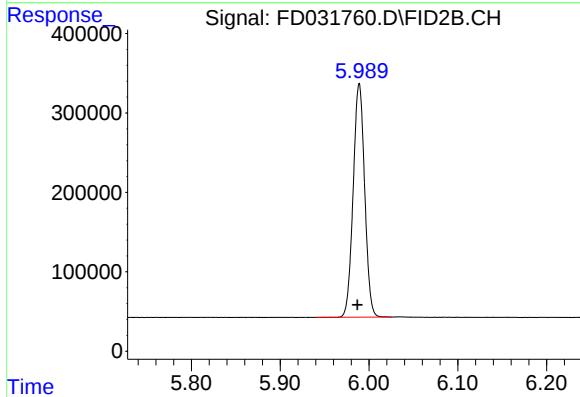
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





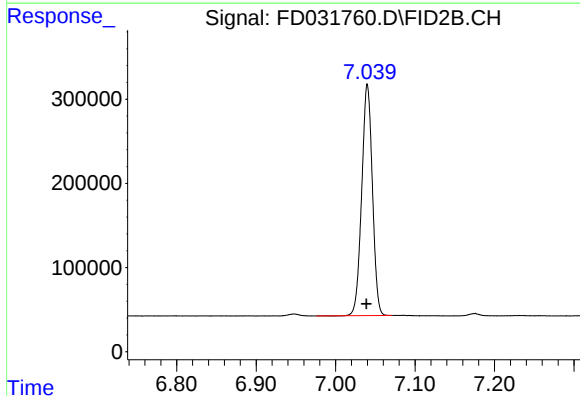
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min
Delta R.T.: 0.003 min
Response: 2589494
Conc: 21.57 ug/ml



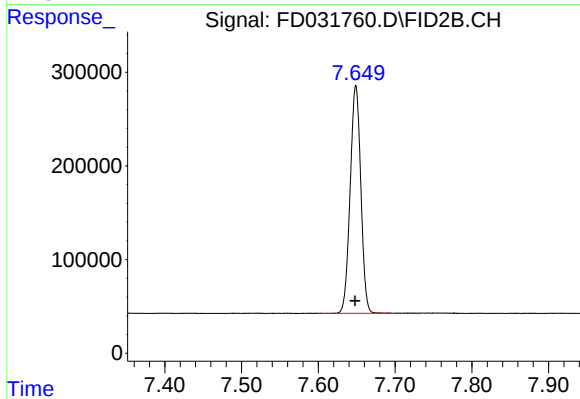
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 2641989
Conc: 20.52 ug/ml



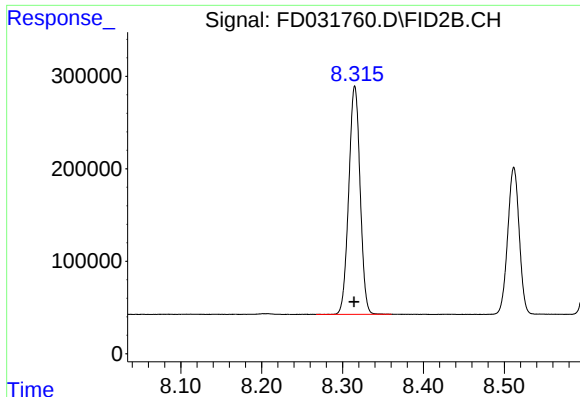
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: 0.001 min
Response: 2565428
Conc: 19.98 ug/ml



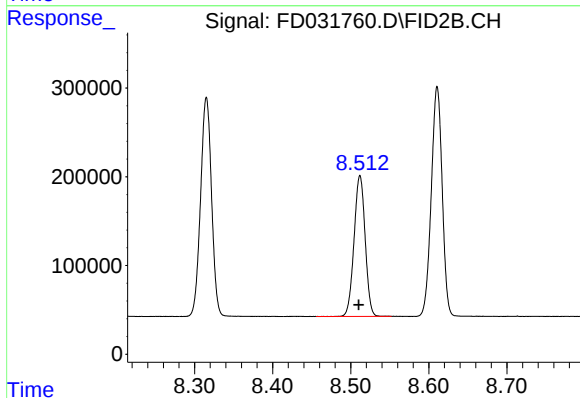
#4 2-Bromonaphthalene (SURR)

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 2343880
Conc: 19.69 ug/ml



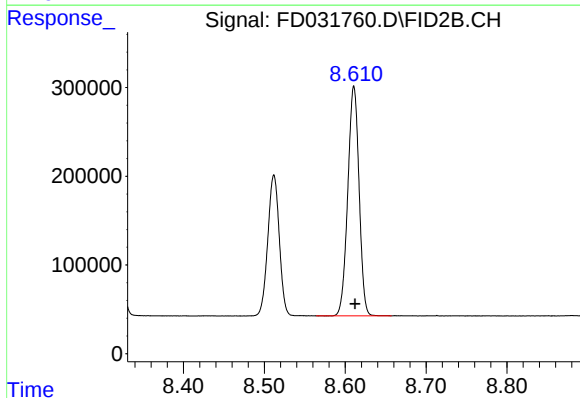
#5 Acenaphthylene (C15.06)

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 2408410
Conc: 19.13 ug/ml



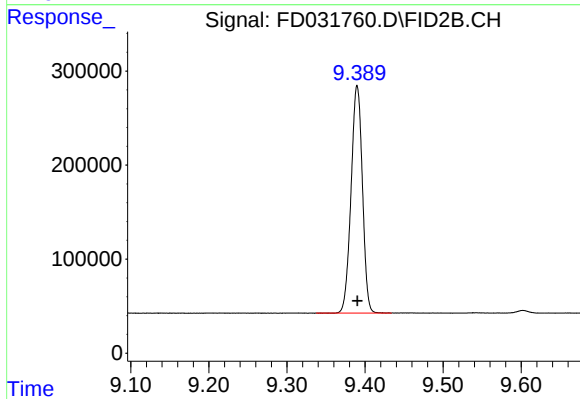
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min
Delta R.T.: 0.002 min
Response: 1564683
Conc: 18.99 ug/ml



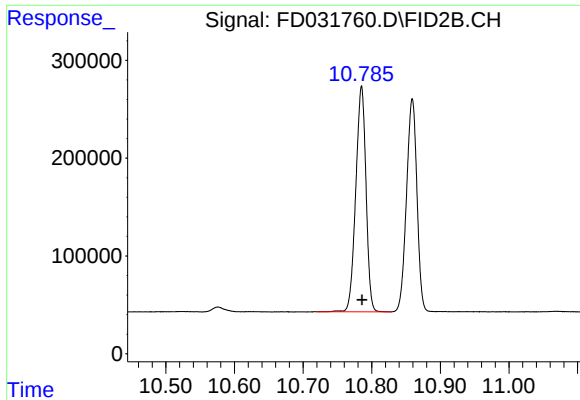
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 2509846
Conc: 19.17 ug/ml



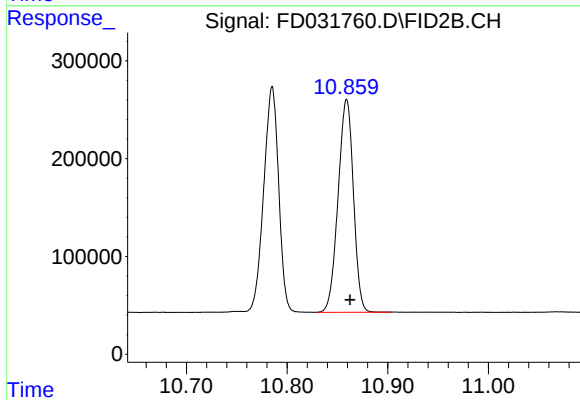
#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: 0.000 min
Response: 2437320
Conc: 18.64 ug/ml



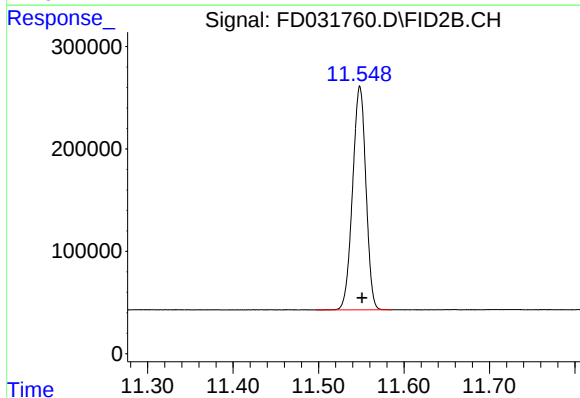
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.001 min
Response: 2388310
Conc: 18.13 ug/ml



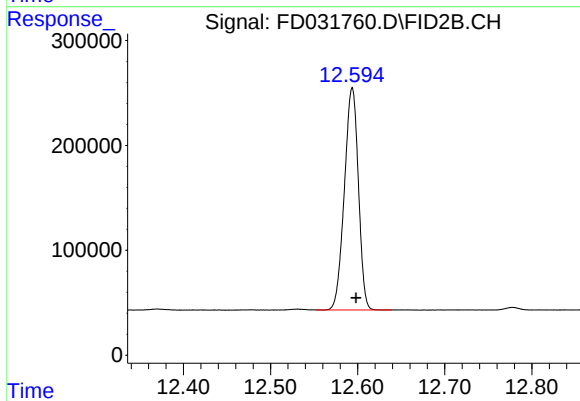
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: -0.003 min
Response: 2302359
Conc: 17.86 ug/ml



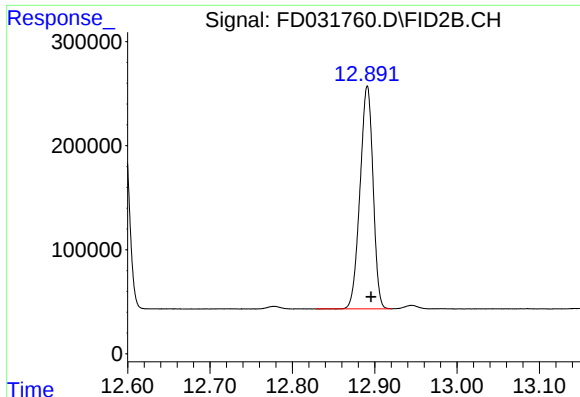
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.003 min
Response: 2365774
Conc: 18.49 ug/ml



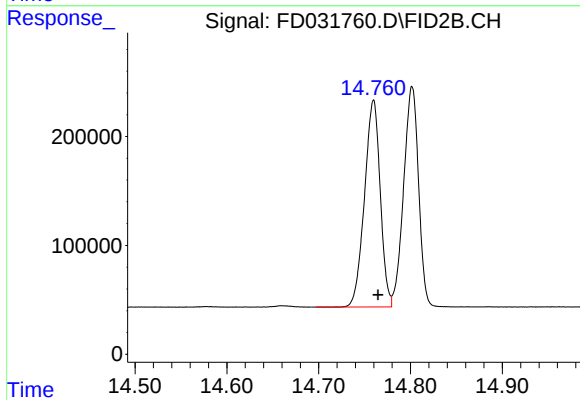
#12 Fluoranthene (C21.85)

R.T.: 12.594 min
Delta R.T.: -0.004 min
Response: 2367482
Conc: 17.86 ug/ml



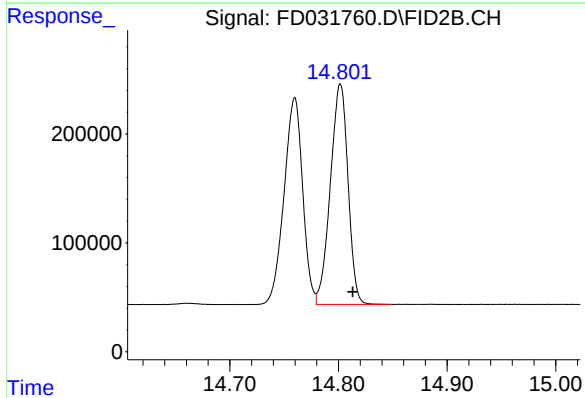
#13 Pyrene (C20.8)

R.T.: 12.891 min
Delta R.T.: -0.005 min
Response: 2354594
Conc: 17.88 ug/ml



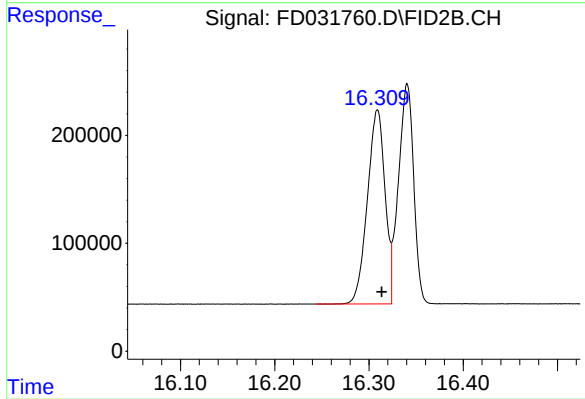
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.005 min
Response: 2263870
Conc: 17.88 ug/ml



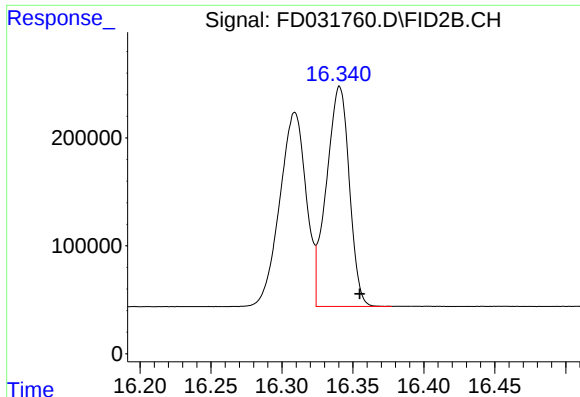
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: -0.011 min
Response: 2288783
Conc: 18.05 ug/ml



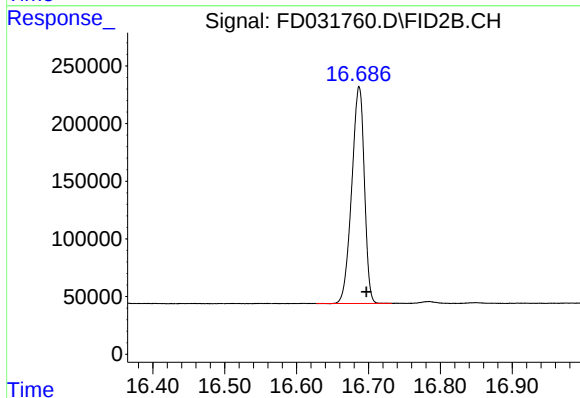
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.309 min
Delta R.T.: -0.005 min
Response: 2337914
Conc: 18.62 ug/ml



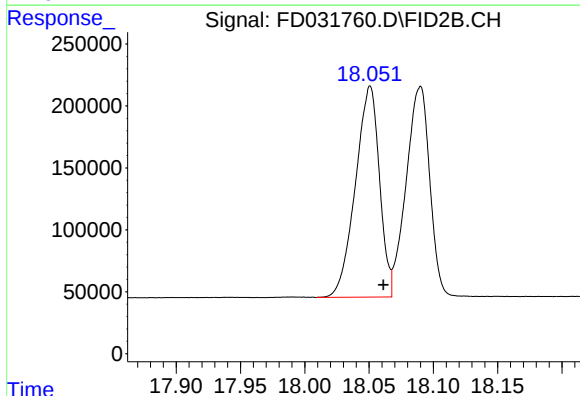
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.341 min
Delta R.T.: -0.014 min
Response: 2292481
Conc: 18.22 ug/ml



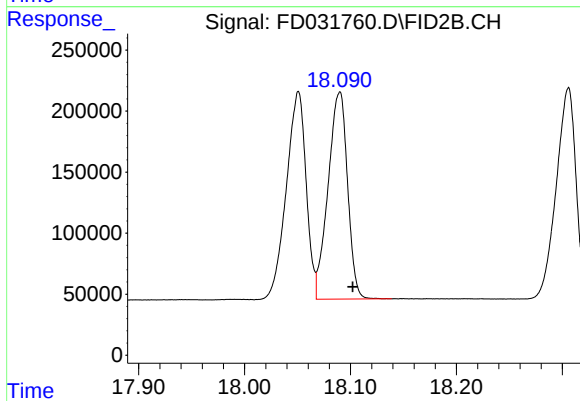
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.687 min
Delta R.T.: -0.010 min
Response: 2291599
Conc: 18.47 ug/ml



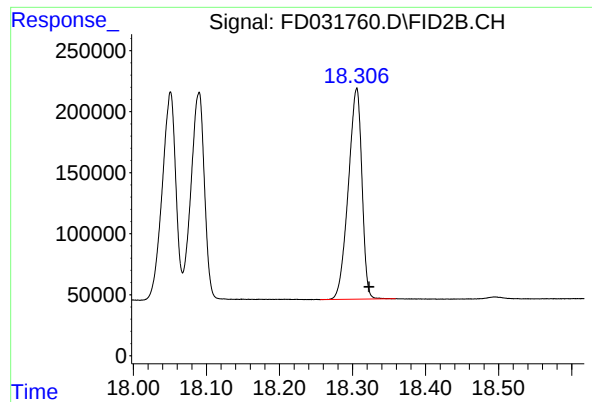
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.051 min
Delta R.T.: -0.010 min
Response: 2215922
Conc: 18.22 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.012 min
Response: 2169694
Conc: 17.52 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.017 min
Response: 2237631
Conc: 18.55 ug/ml