

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031218.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 11:22
 Operator : DD\AJ
 Sample : K5111-01
 Misc : LOD-2.5 PPM
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:27:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.542	5424621	56.751 ug/ml
Spiked Amount 50.000		Recovery =	113.50%
6) S 2-Fluorobiphenyl (SURR)	8.404	3535871	55.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.45%
11) S ortho-Terphenyl (SURR)	11.433	5486320	50.058 ug/ml
Spiked Amount 50.000		Recovery =	100.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	231222	2.331 ug/ml
2) T Naphthalene (C11.7)	5.887	245425	2.424 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	261168	2.547 ug/ml
5) T Acenaphthylene (C15.06)	8.205	272963	2.644 ug/ml
7) T Acenaphthene (C15.5)	8.498	334394	3.063 ug/ml
8) T Fluorene (C16.55)	9.281	280438	2.705 ug/ml
9) T Phenanthrene (C19.36)	10.674	243652	2.332 ug/ml
10) T Anthracene (C19.43)	10.751	227597	2.169 ug/ml
12) T Fluoranthene (C21.85)	12.480	273976	2.579 ug/ml
13) T Pyrene (C20.8)	12.776	270060	2.549 ug/ml
14) T Benzo[a]anthracene (C...	14.646	231218	2.407 ug/ml
15) T Chrysene (C27.41)	14.687	331997	3.020 ug/ml
16) T benzo[b]fluoranthene ...	16.224	294538	3.036 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	294538	2.706 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.578	229866	2.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.941	225889	2.499 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	302184	2.944 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	258361	2.710 ug/ml

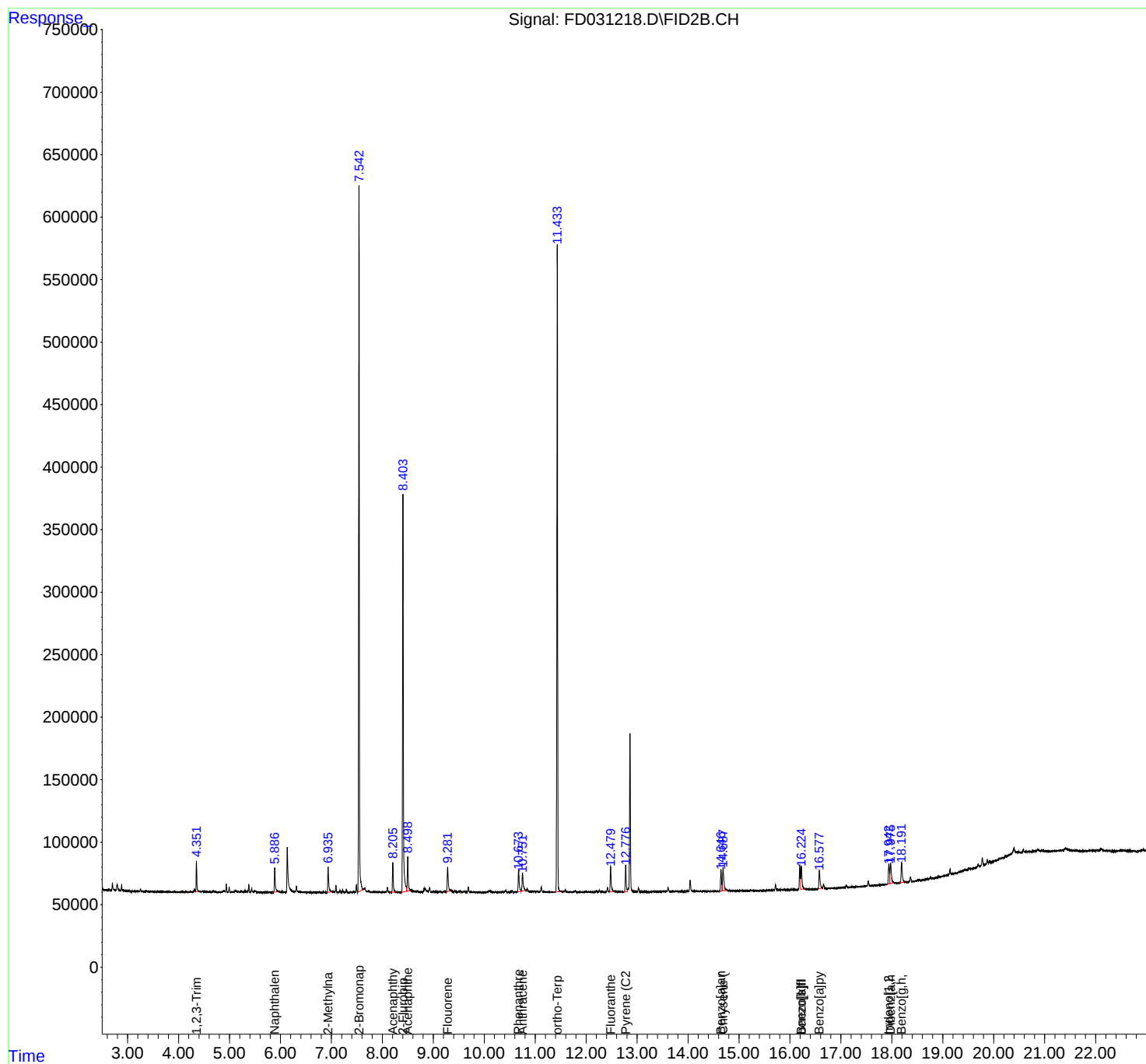
(f)=RT Delta > 1/2 Window

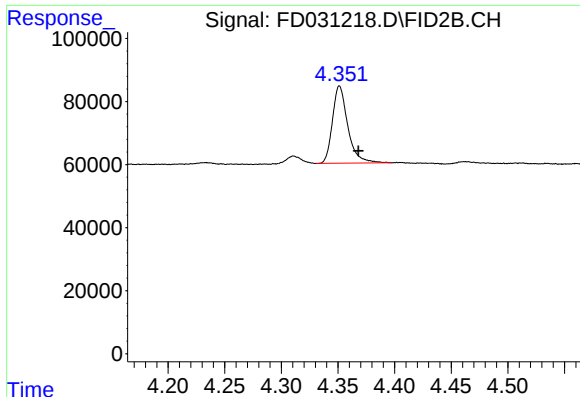
(m)=manual int.

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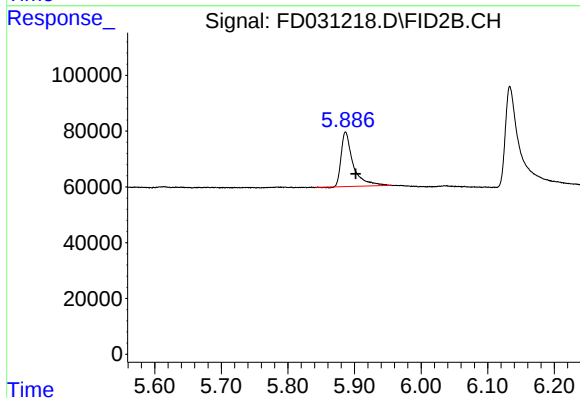
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





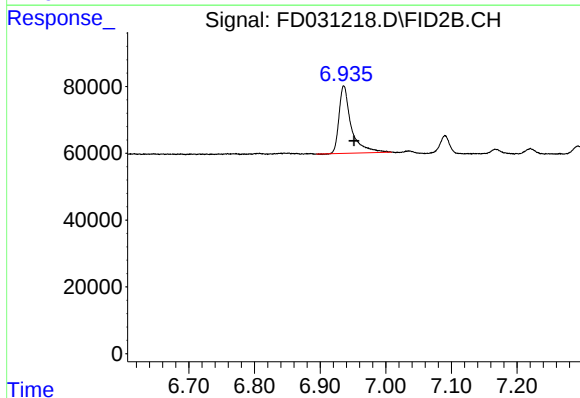
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min
Delta R.T.: -0.017 min
Response: 231222
Conc: 2.33 ug/ml



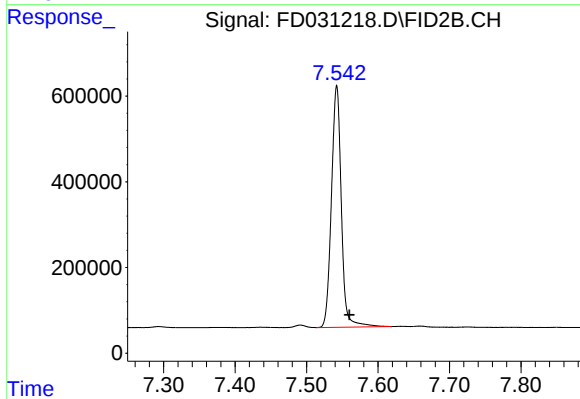
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.015 min
Response: 245425
Conc: 2.42 ug/ml



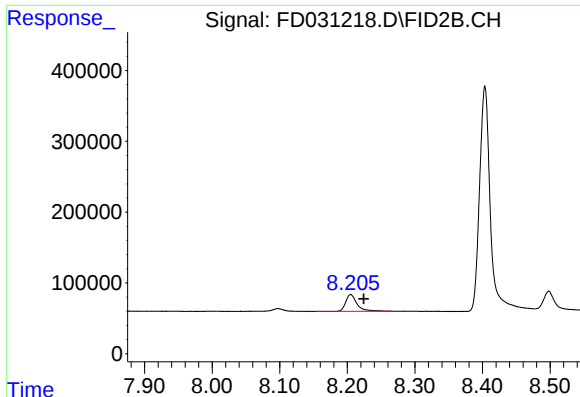
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.016 min
Response: 261168
Conc: 2.55 ug/ml



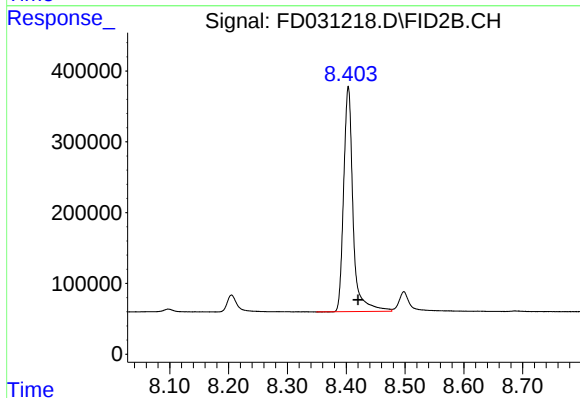
#4 2-Bromonaphthalene (SURR)

R.T.: 7.542 min
Delta R.T.: -0.018 min
Response: 5424621
Conc: 56.75 ug/ml



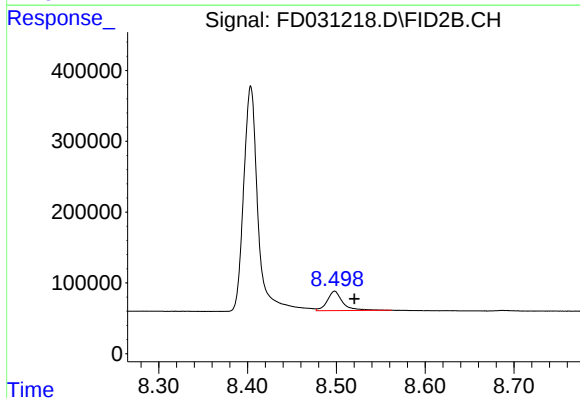
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: -0.019 min
Response: 272963
Conc: 2.64 ug/ml



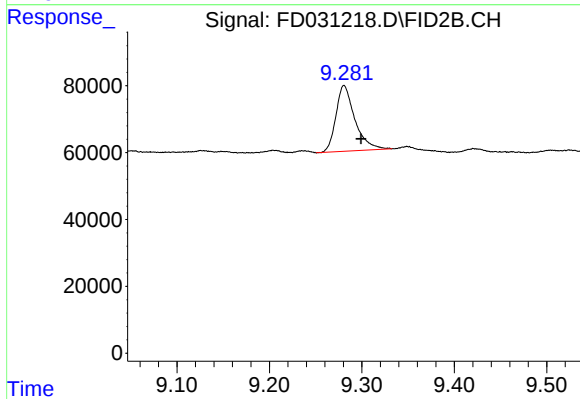
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.017 min
Response: 3535871
Conc: 55.73 ug/ml



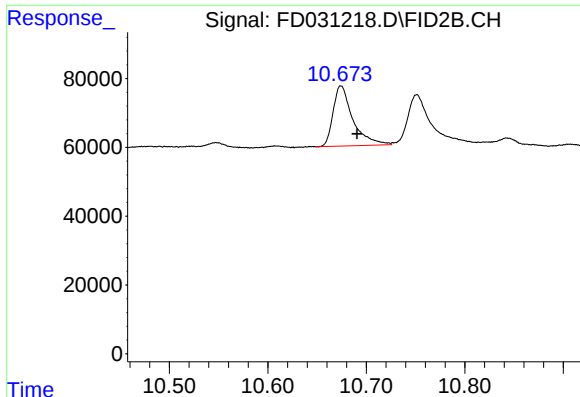
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.022 min
Response: 334394
Conc: 3.06 ug/ml



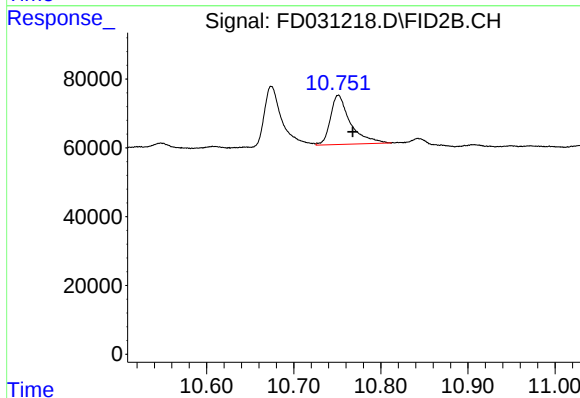
#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: -0.018 min
Response: 280438
Conc: 2.71 ug/ml



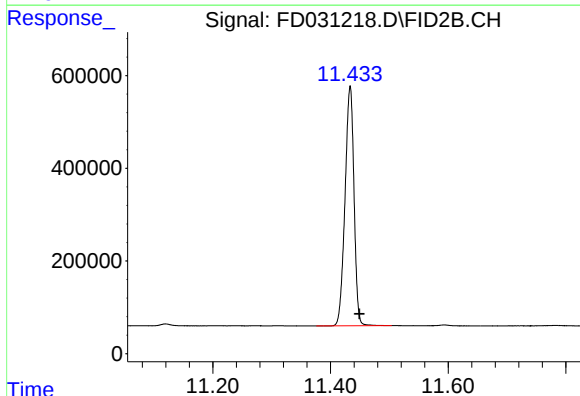
#9 Phenanthrene (C19.36)

R.T.: 10.674 min
Delta R.T.: -0.016 min
Response: 243652
Conc: 2.33 ug/ml



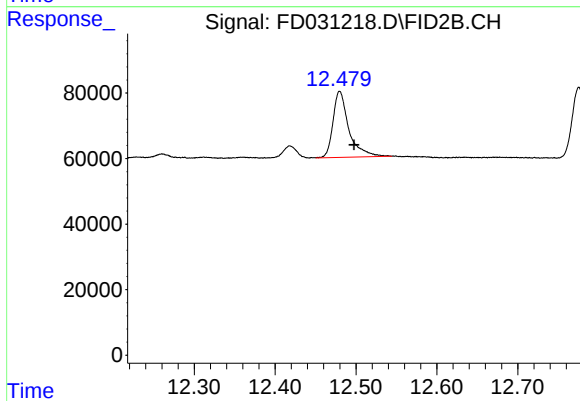
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: -0.016 min
Response: 227597
Conc: 2.17 ug/ml



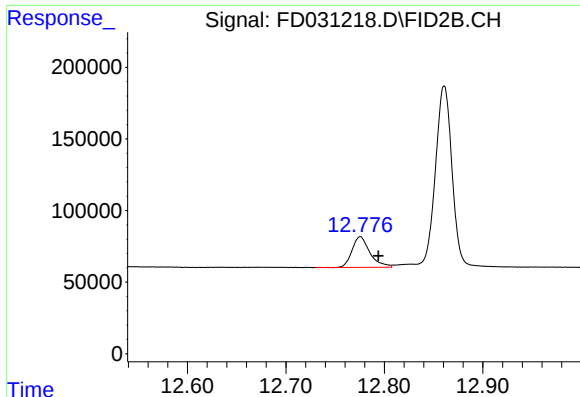
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.016 min
Response: 5486320
Conc: 50.06 ug/ml



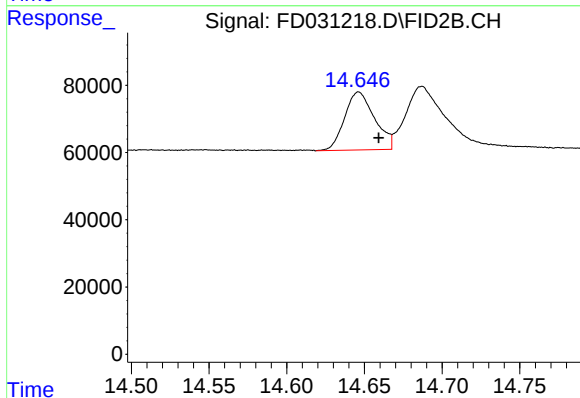
#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.018 min
Response: 273976
Conc: 2.58 ug/ml



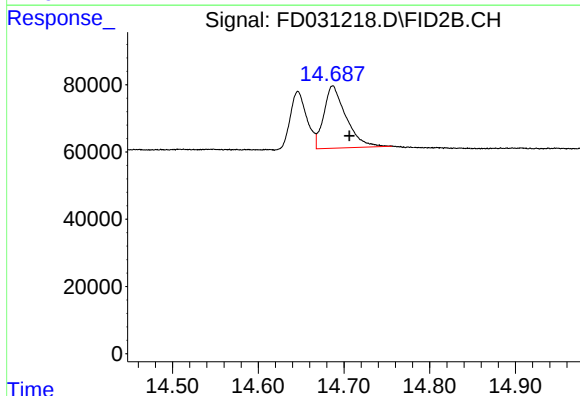
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.018 min
Response: 270060
Conc: 2.55 ug/ml



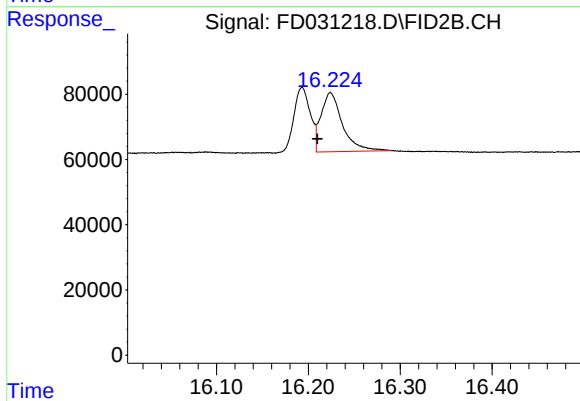
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.013 min
Response: 231218
Conc: 2.41 ug/ml



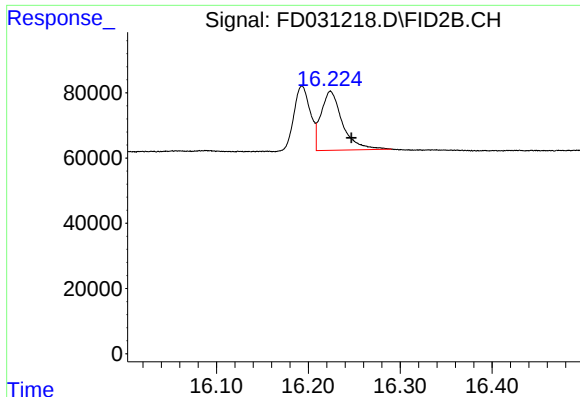
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.019 min
Response: 331997
Conc: 3.02 ug/ml



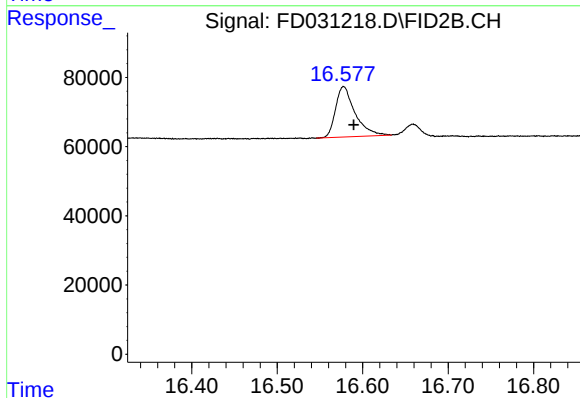
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.224 min
Delta R.T.: 0.014 min
Response: 294538
Conc: 3.04 ug/ml



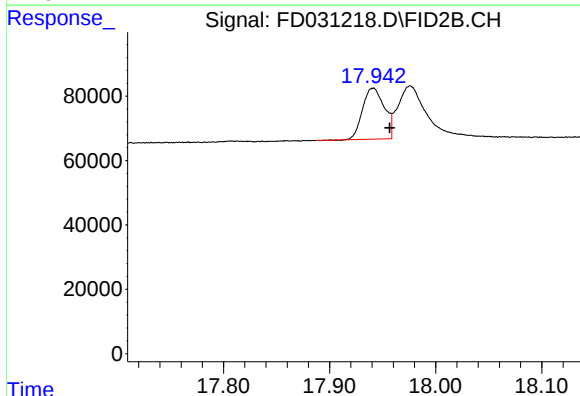
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: -0.023 min
Response: 294538
Conc: 2.71 ug/ml



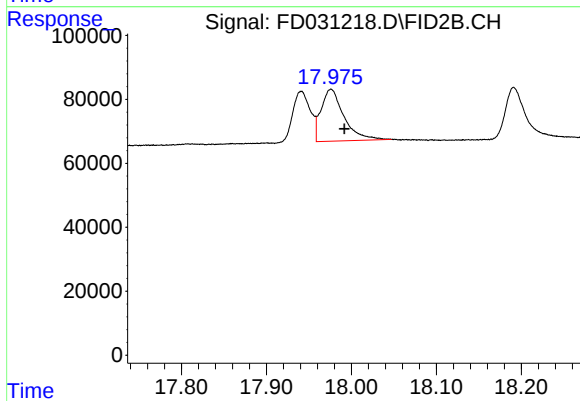
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.578 min
Delta R.T.: -0.012 min
Response: 229866
Conc: 2.34 ug/ml



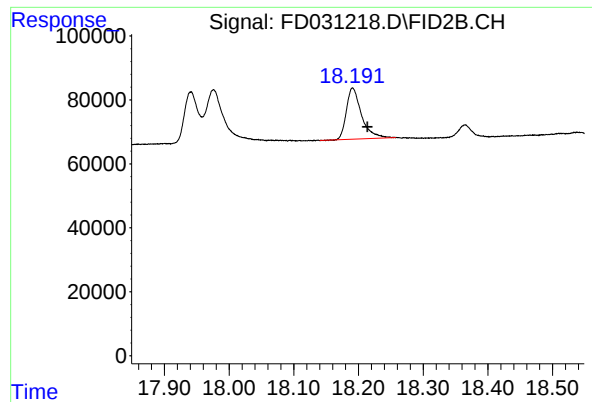
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.941 min
Delta R.T.: -0.016 min
Response: 225889
Conc: 2.50 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.016 min
Response: 302184
Conc: 2.94 ug/ml



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

R.T.: 18.191 min
Delta R.T.: -0.023 min
Response: 258361
Conc: 2.71 ug/ml