

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051721AR\
 Data File : FD037520.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2021 20:00
 Operator : DD\AJ
 Sample : M2403-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 03:13:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 2021
 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...	7.558	4564705	45.385 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
6) S 2-Fluorobiphenyl (SURR)	8.418	2441260	36.120 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.24%
11) S ortho-Terphenyl (SURR)	11.458	4357187	36.578 ug/ml
Spiked Amount 50.000		Recovery =	73.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	3959831	37.894 ug/ml
2) T Naphthalene (C11.7)	5.896	4852906	43.487 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	5112200	45.534 ug/ml
5) T Acenaphthylene (C15.06)	8.223	5576902	50.857 ug/ml
7) T Acenaphthene (C15.5)	8.519	5446620	47.883 ug/ml
8) T Flouorene (C16.55)	9.299	5625497	50.761 ug/ml
9) T Phenanthrene (C19.36)	10.693	5832806	51.877 ug/ml
10) T Anthracene (C19.43)	10.769	5790574	52.651 ug/ml
12) T Fluoranthene (C21.85)	12.504	5960175	51.356 ug/ml
13) T Pyrene (C20.8)	12.801	5973338	51.705 ug/ml
14) T Benzo[a]anthracene (C...	14.671	5653661	51.315 ug/ml
15) T Chrysene (C27.41)	14.716	6172260	53.577 ug/ml
16) T benzo[b]fluoranthene ...	16.221	5808356	51.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.257	5681346	51.244 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.600	5743314	54.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.965	5327846	49.042 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	5150325	47.046 ug/ml
21) T Benzo[g,h,i]perylene ...	18.223	5449990	49.869 ug/ml

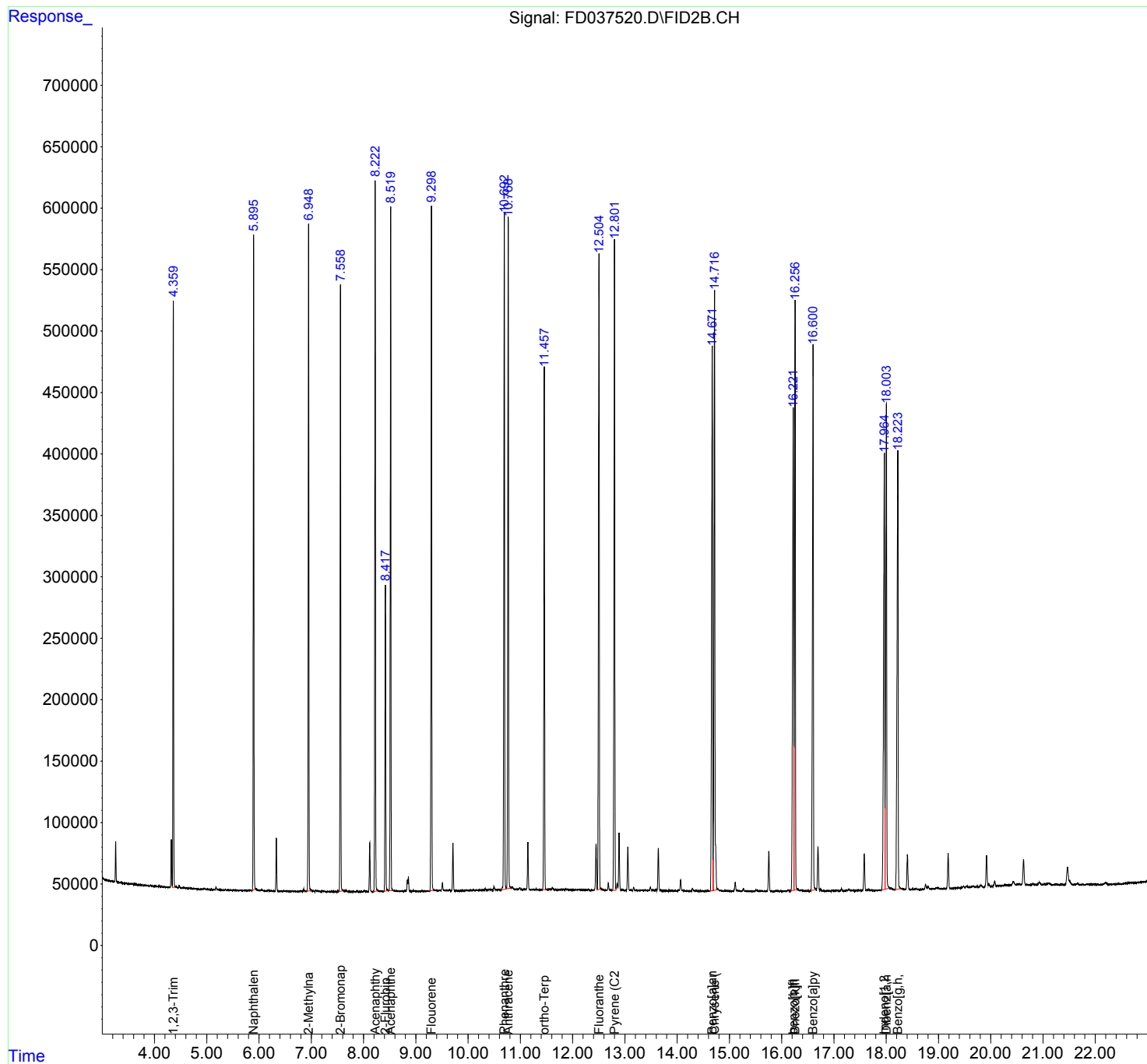
(f)=RT Delta > 1/2 Window

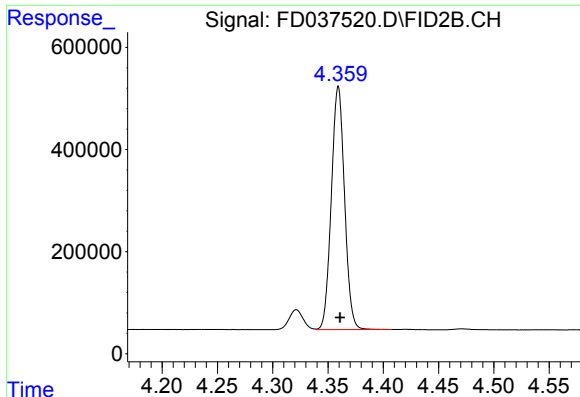
(m)=manual int.

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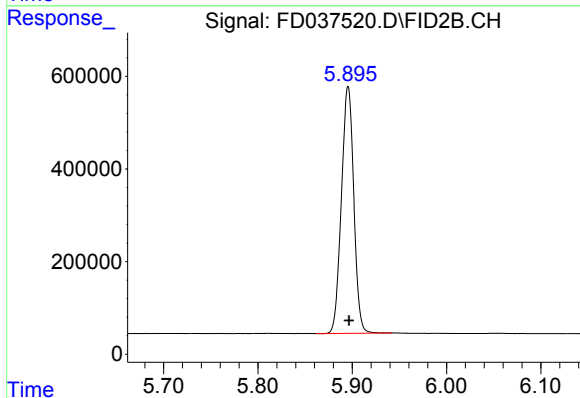
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Signal Info : 20M x 0.18mm x 0.18µm





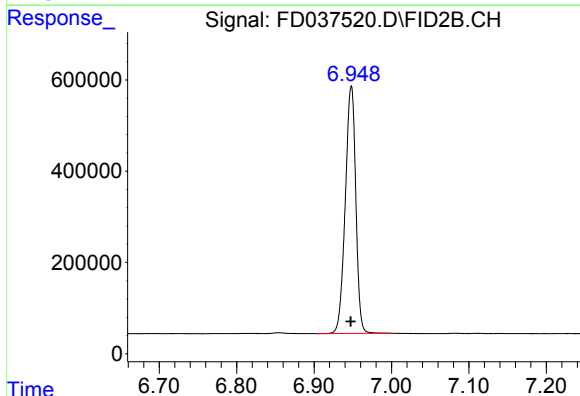
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 3959831
Conc: 37.89 ug/ml



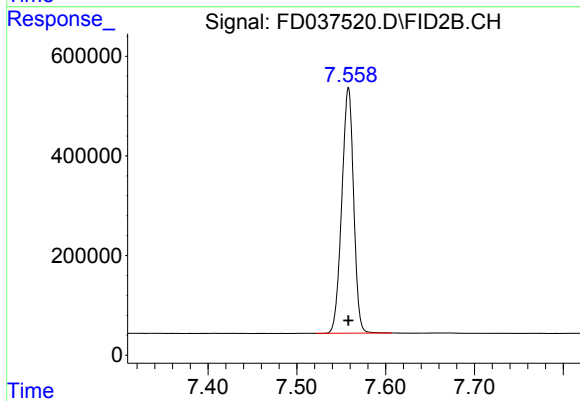
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 4852906
Conc: 43.49 ug/ml



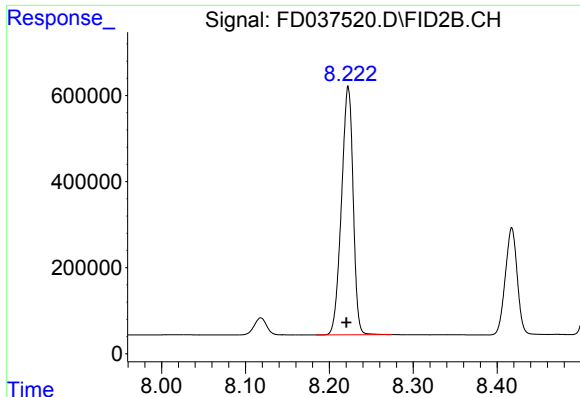
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 5112200
Conc: 45.53 ug/ml



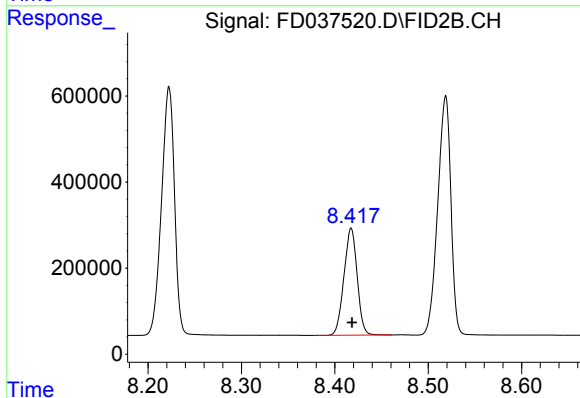
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 4564705
Conc: 45.39 ug/ml



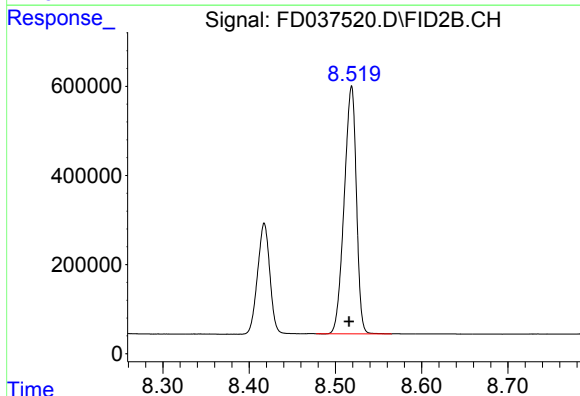
#5 Acenaphthylene (C15.06)

R.T.: 8.223 min
Delta R.T.: 0.002 min
Response: 5576902
Conc: 50.86 ug/ml



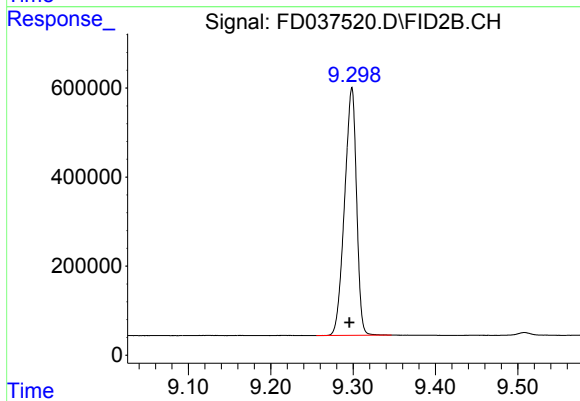
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 2441260
Conc: 36.12 ug/ml



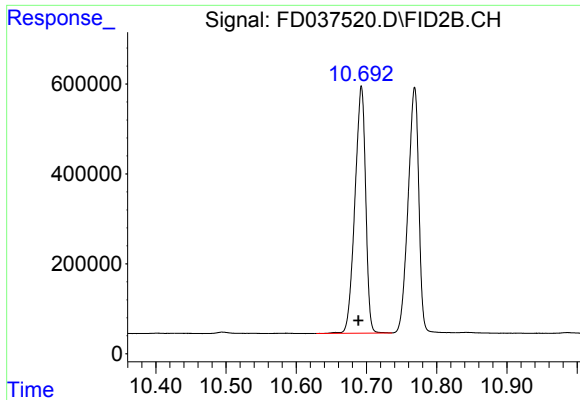
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: 0.003 min
Response: 5446620
Conc: 47.88 ug/ml



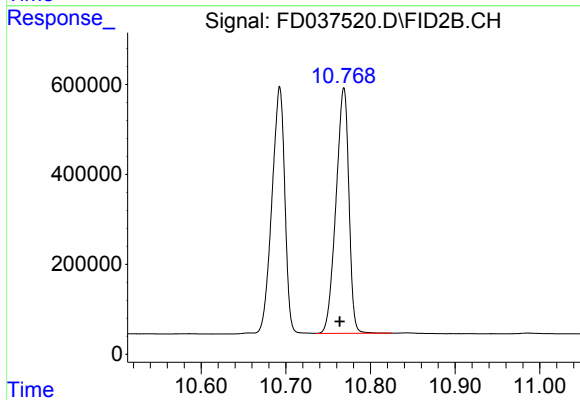
#8 Flouorene (C16.55)

R.T.: 9.299 min
Delta R.T.: 0.003 min
Response: 5625497
Conc: 50.76 ug/ml



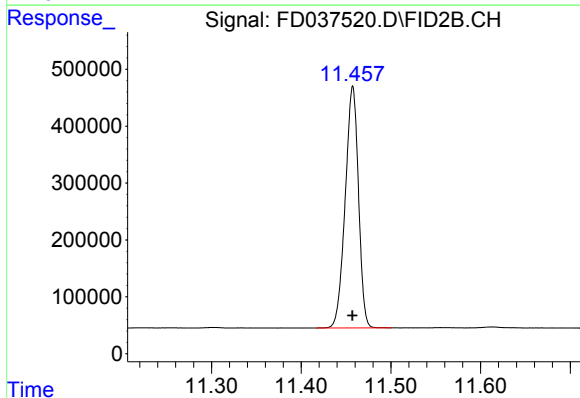
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: 0.004 min
Response: 5832806
Conc: 51.88 ug/ml



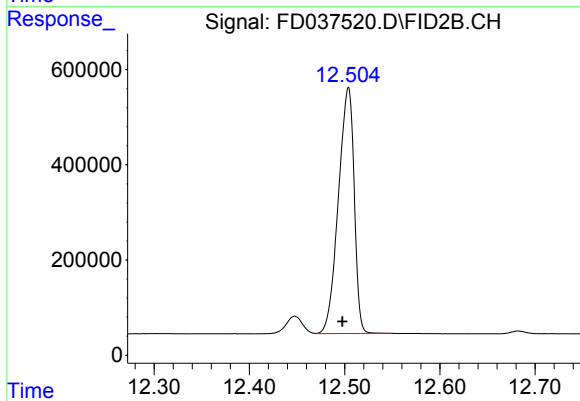
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: 0.005 min
Response: 5790574
Conc: 52.65 ug/ml



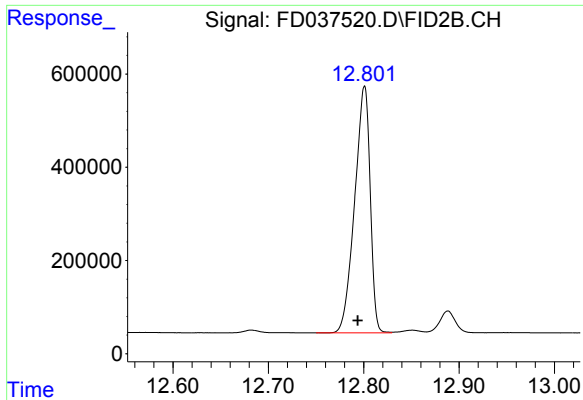
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: 0.000 min
Response: 4357187
Conc: 36.58 ug/ml



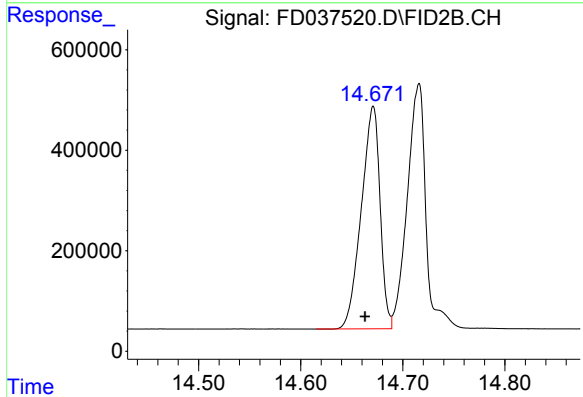
#12 Fluoranthene (C21.85)

R.T.: 12.504 min
Delta R.T.: 0.006 min
Response: 5960175
Conc: 51.36 ug/ml



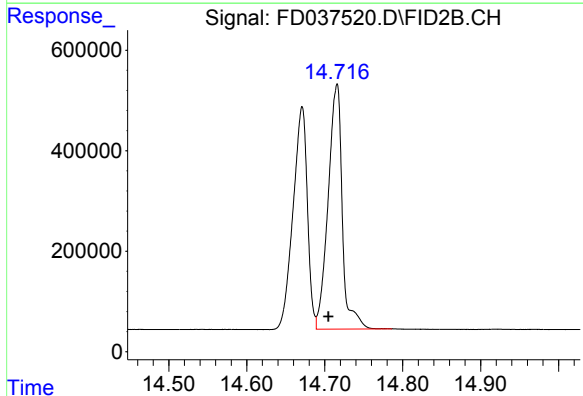
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: 0.007 min
Response: 5973338
Conc: 51.70 ug/ml



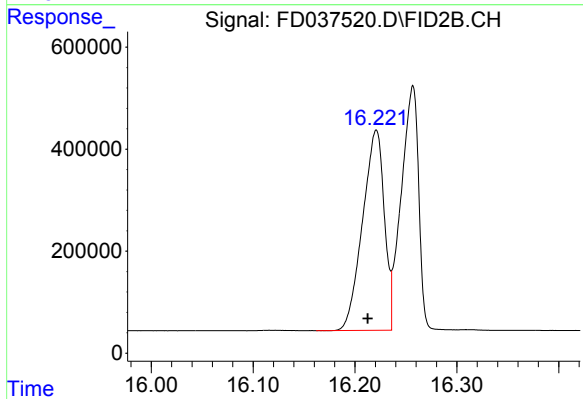
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: 0.008 min
Response: 5653661
Conc: 51.31 ug/ml



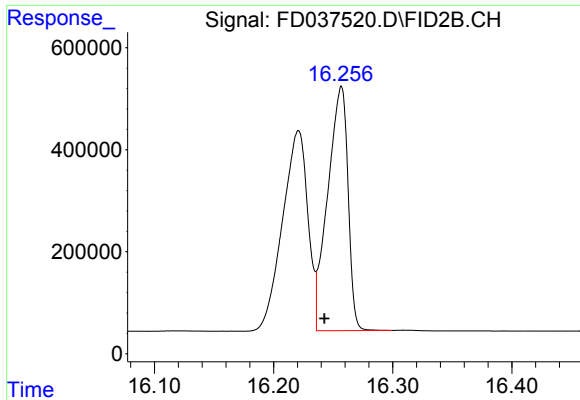
#15 Chrysene (C27.41)

R.T.: 14.716 min
Delta R.T.: 0.011 min
Response: 6172260
Conc: 53.58 ug/ml



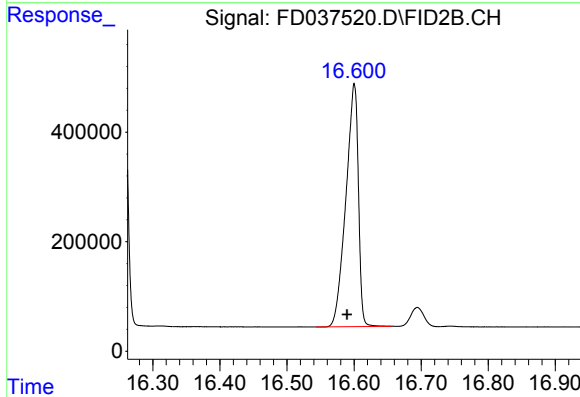
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.221 min
Delta R.T.: 0.009 min
Response: 5808356
Conc: 51.36 ug/ml



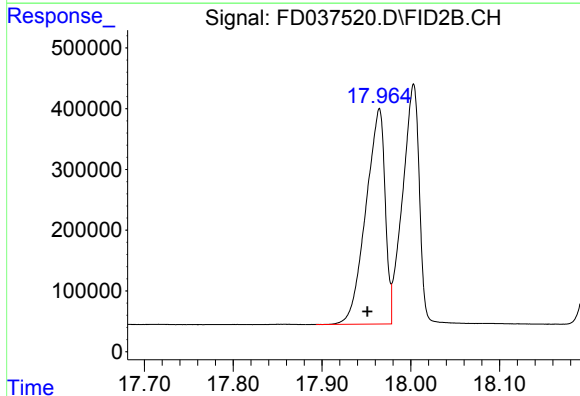
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.257 min
Delta R.T.: 0.014 min
Response: 5681346
Conc: 51.24 ug/ml



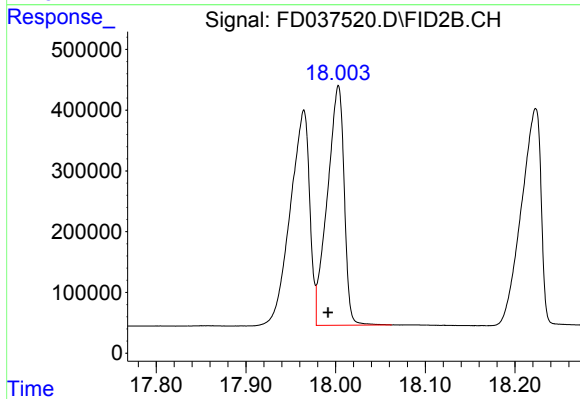
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.600 min
Delta R.T.: 0.011 min
Response: 5743314
Conc: 54.83 ug/ml



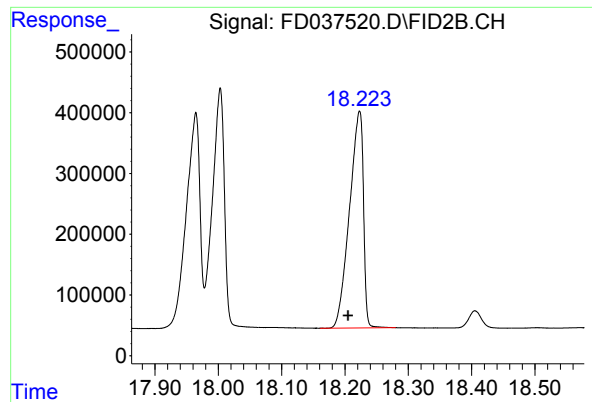
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.965 min
Delta R.T.: 0.014 min
Response: 5327846
Conc: 49.04 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.012 min
Response: 5150325
Conc: 47.05 ug/ml



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

R.T.: 18.223 min
Delta R.T.: 0.018 min
Response: 5449990
Conc: 49.87 ug/ml