

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101420AR\
 Data File : FD035055.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2020 7:30
 Operator : DD\AJ
 Sample : L4391-04MSD
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 08:43:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.664	5326855	45.697 ug/ml
Spiked Amount 50.000		Recovery =	91.39%
6) S 2-Fluorobiphenyl (SURR)	8.529	3372300	41.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.15%
11) S ortho-Terphenyl (SURR)	11.569	4602659	33.565 ug/ml
Spiked Amount 50.000		Recovery =	67.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	3867033	29.782 ug/ml
2) T Naphthalene (C11.7)	6.000	4310250	31.491 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	4559662	33.243 ug/ml
5) T Acenaphthylene (C15.06)	8.331	4631977	34.212 ug/ml
7) T Acenaphthene (C15.5)	8.627	4954454	35.888 ug/ml
8) T Fluorene (C16.55)	9.409	4936033	36.719 ug/ml
9) T Phenanthrene (C19.36)	10.807	4887614	36.593 ug/ml
10) T Anthracene (C19.43)	10.882	4662145	34.523 ug/ml
12) T Fluoranthene (C21.85)	12.620	4650809	35.341 ug/ml
13) T Pyrene (C20.8)	12.918	4559198	35.612 ug/ml
14) T Benzo[a]anthracene (C...	14.790	3973950	34.908 ug/ml
15) T Chrysene (C27.41)	14.833	4377699	35.742 ug/ml
16) T benzo[b]fluoranthene ...	16.342	3825791	35.693 ug/ml
17) T Bnezo[k]fluoranthene ...	16.374	3612889	33.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	3288681	33.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.087	3591468	38.768 ug/ml
20) T Dibenz[a,h]anthracene...	18.124	3556679	35.218 ug/ml
21) T Benzo[g,h,i]perylene ...	18.342	3418255	35.474 ug/ml

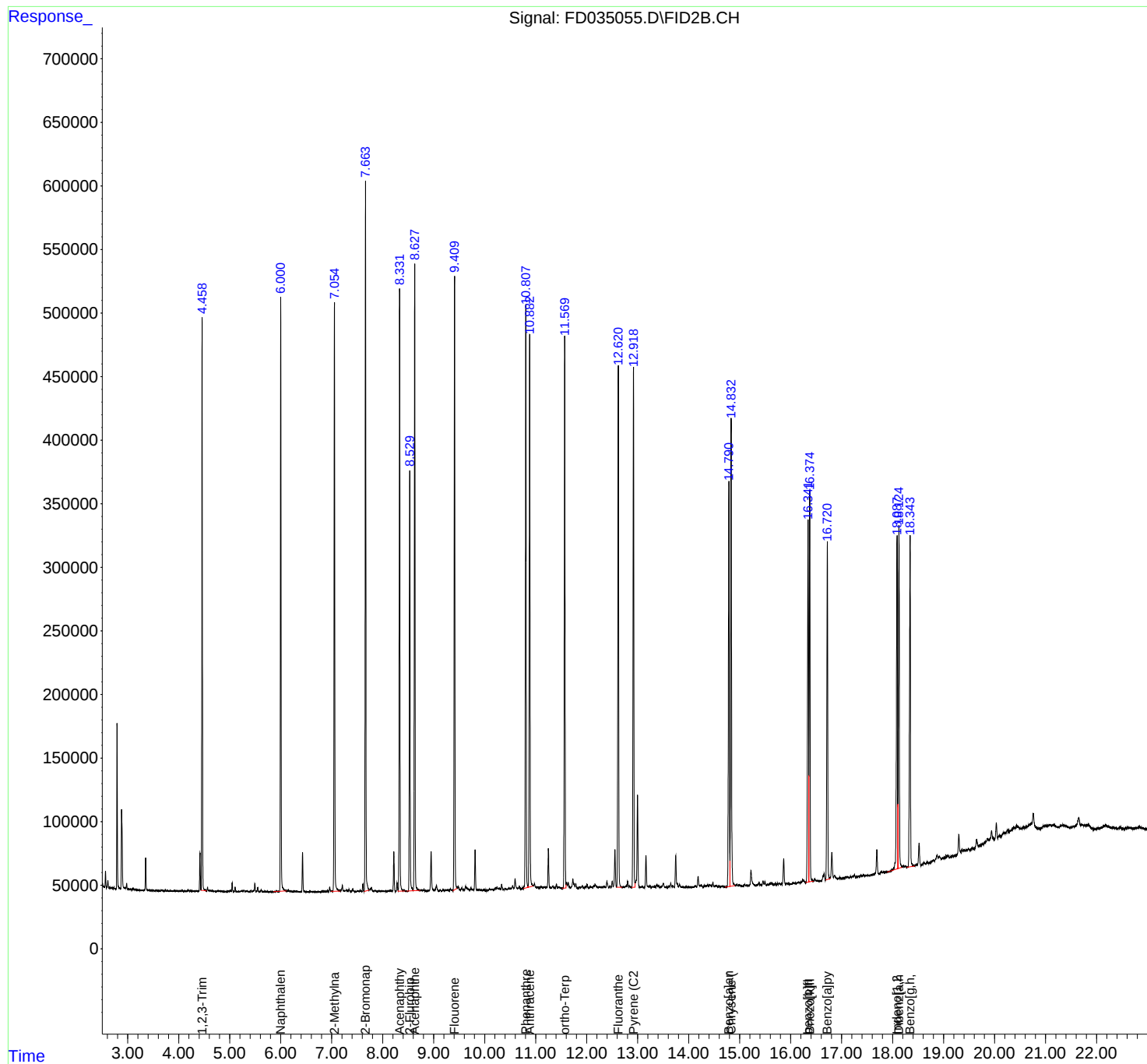
(f)=RT Delta > 1/2 Window

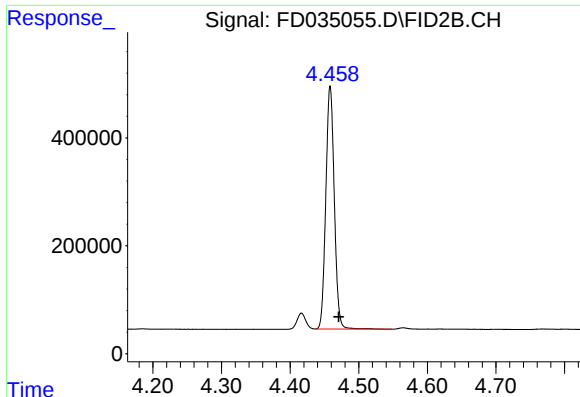
(m)=manual int.

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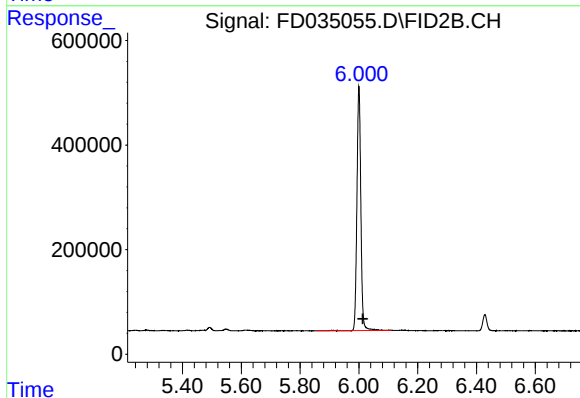
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Signal Info : 20M x 0.18mm x 0.18µm





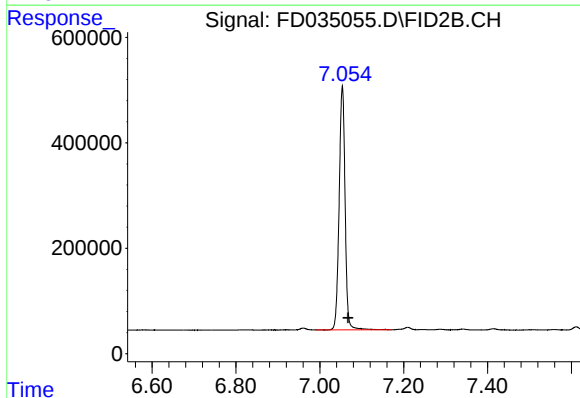
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.458 min
Delta R.T.: -0.013 min
Response: 3867033
Conc: 29.78 ug/ml



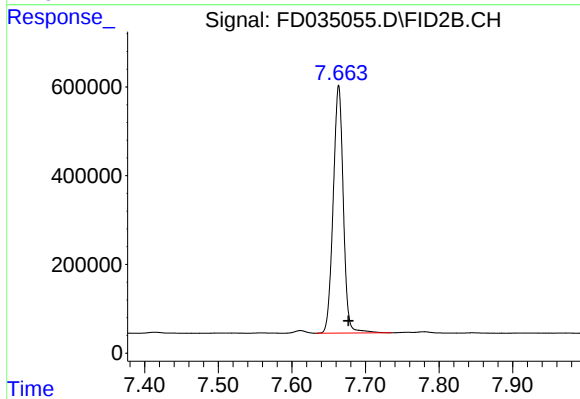
#2 Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.013 min
Response: 4310250
Conc: 31.49 ug/ml



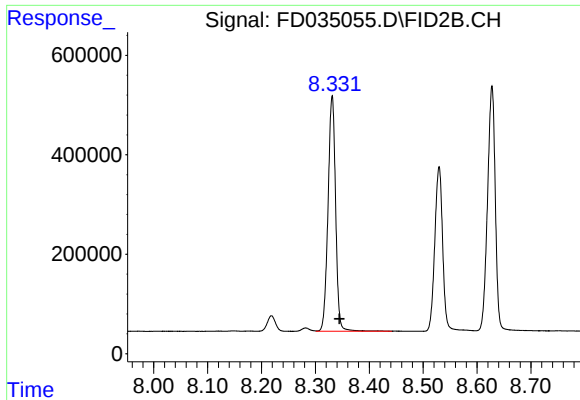
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.013 min
Response: 4559662
Conc: 33.24 ug/ml



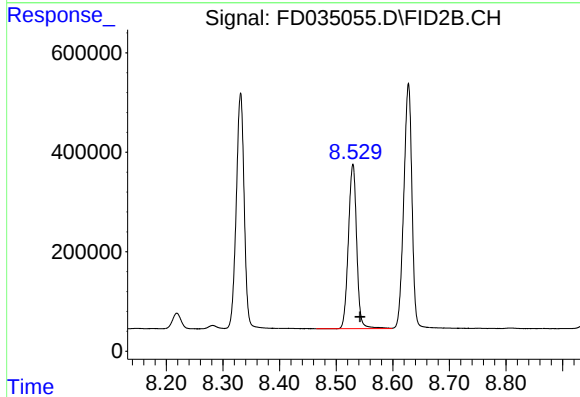
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.013 min
Response: 5326855
Conc: 45.70 ug/ml



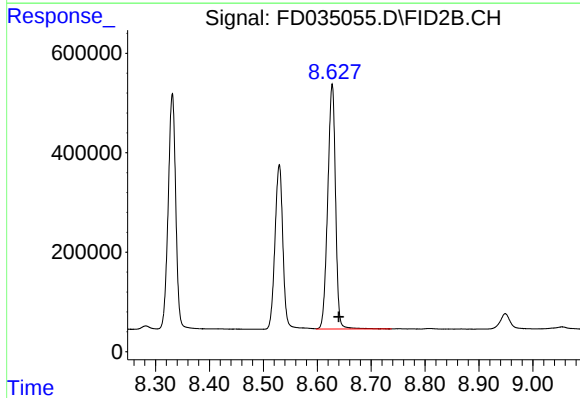
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.013 min
Response: 4631977
Conc: 34.21 ug/ml



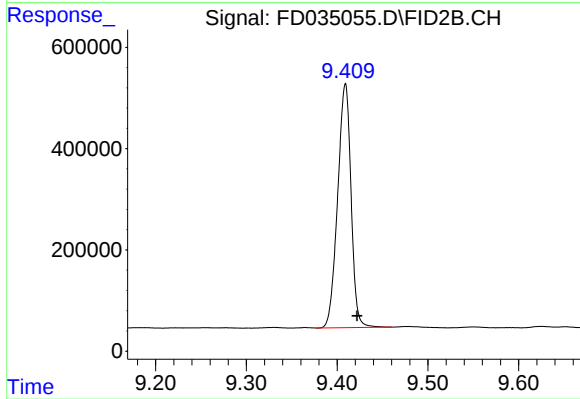
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: -0.013 min
Response: 3372300
Conc: 41.08 ug/ml



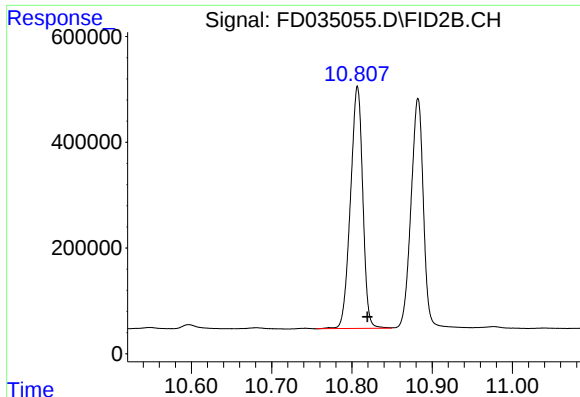
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.013 min
Response: 4954454
Conc: 35.89 ug/ml



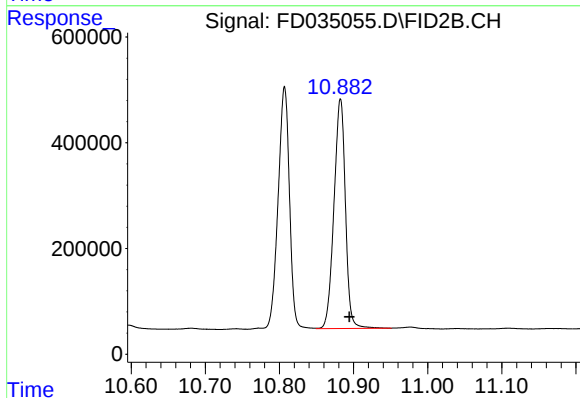
#8 Flouorene (C16.55)

R.T.: 9.409 min
Delta R.T.: -0.013 min
Response: 4936033
Conc: 36.72 ug/ml



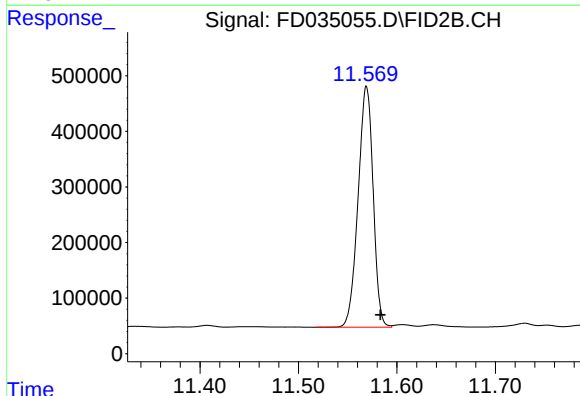
#9 Phenanthrene (C19.36)

R.T.: 10.807 min
Delta R.T.: -0.013 min
Response: 4887614
Conc: 36.59 ug/ml



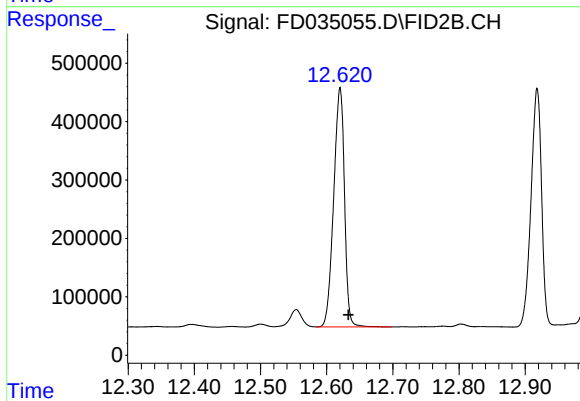
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: -0.013 min
Response: 4662145
Conc: 34.52 ug/ml



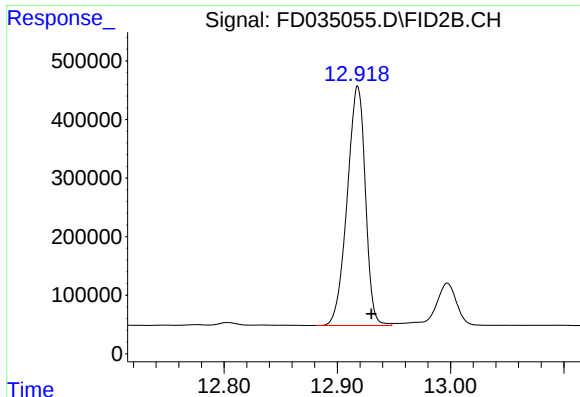
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.014 min
Response: 4602659
Conc: 33.57 ug/ml



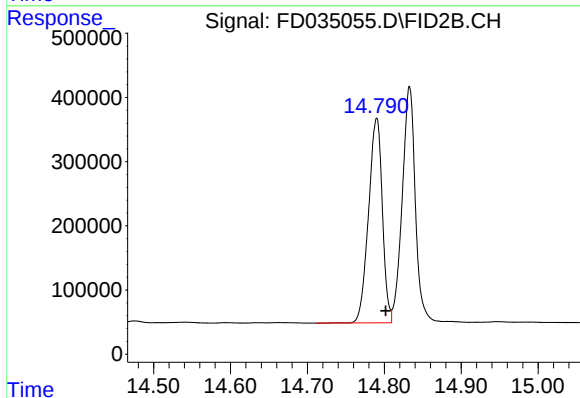
#12 Fluoranthene (C21.85)

R.T.: 12.620 min
Delta R.T.: -0.013 min
Response: 4650809
Conc: 35.34 ug/ml



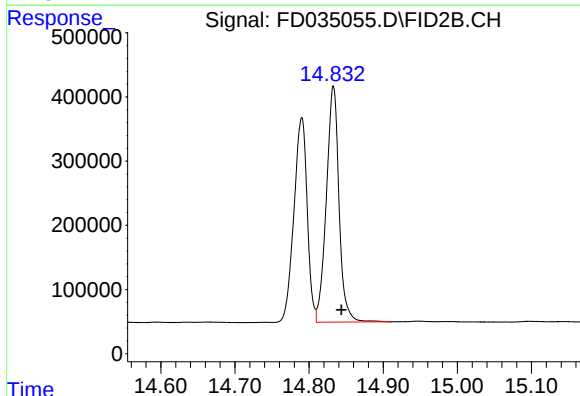
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: -0.012 min
Response: 4559198
Conc: 35.61 ug/ml



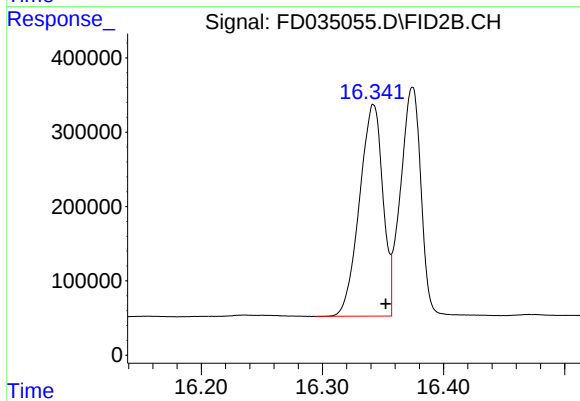
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: -0.012 min
Response: 3973950
Conc: 34.91 ug/ml



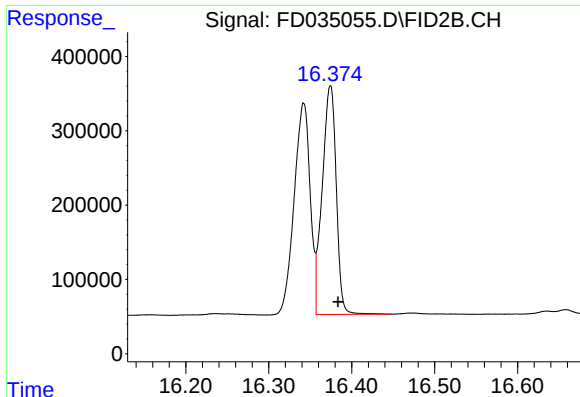
#15 Chrysene (C27.41)

R.T.: 14.833 min
Delta R.T.: -0.011 min
Response: 4377699
Conc: 35.74 ug/ml



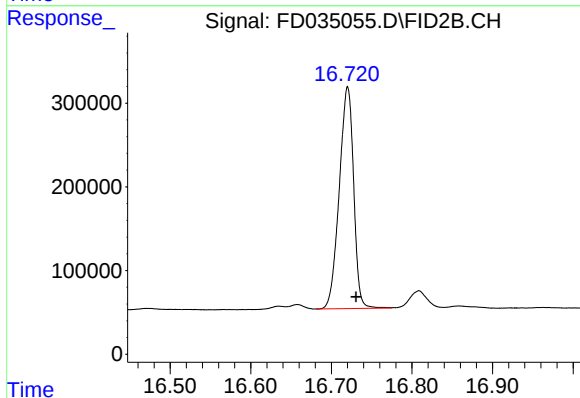
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.342 min
Delta R.T.: -0.011 min
Response: 3825791
Conc: 35.69 ug/ml



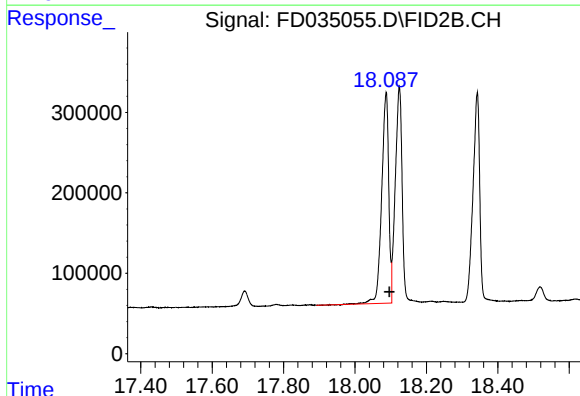
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.374 min
Delta R.T.: -0.010 min
Response: 3612889
Conc: 33.44 ug/ml



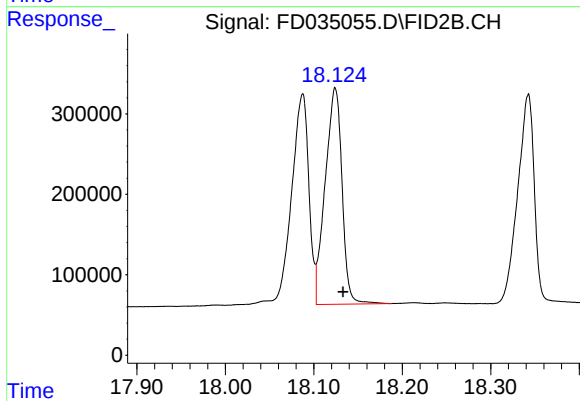
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: -0.011 min
Response: 3288681
Conc: 33.75 ug/ml



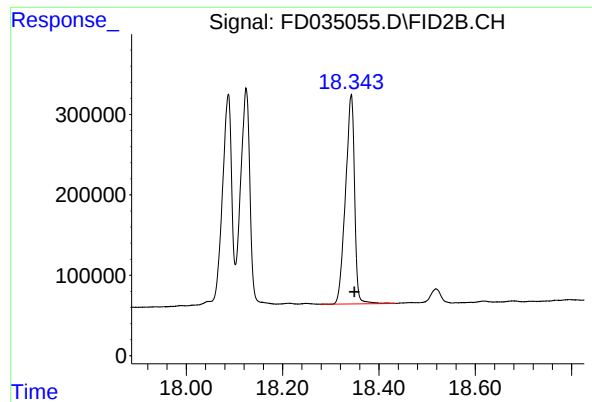
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.087 min
Delta R.T.: -0.009 min
Response: 3591468
Conc: 38.77 ug/ml



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

R.T.: 18.124 min
Delta R.T.: -0.009 min
Response: 3556679
Conc: 35.22 ug/ml



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

R.T.: 18.342 min
Delta R.T.: -0.007 min
Response: 3418255
Conc: 35.47 ug/ml