

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071219AR\
 Data File : FD029751.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2019 14:05
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 00:56:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.694	3604485	22.778 ug/ml
Spiked Amount 50.000		Recovery =	45.56%
6) S 2-Fluorobiphenyl (SURR)	8.557	2437889	22.695 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.39%
11) S ortho-Terphenyl (SURR)	11.592	3818620	22.501 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	3850168	22.772 ug/ml
2) T Naphthalene (C11.7)	6.033	4084357	22.822 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	4015945	22.764 ug/ml
5) T Acenaphthylene (C15.06)	8.361	3827378	22.608 ug/ml
7) T Acenaphthene (C15.5)	8.656	3994798	22.671 ug/ml
8) T Fluorene (C16.55)	9.435	3953485	22.626 ug/ml
9) T Phenanthrene (C19.36)	10.829	3905446	22.521 ug/ml
10) T Anthracene (C19.43)	10.905	3708188	21.932 ug/ml
12) T Fluoranthene (C21.85)	12.639	3840833	22.429 ug/ml
13) T Pyrene (C20.8)	12.936	3817718	22.442 ug/ml
14) T Benzo[a]anthracene (C...	14.802	3473300	22.280 ug/ml
15) T Chrysene (C27.41)	14.844	3482941	22.346 ug/ml
16) T benzo[b]fluoranthene ...	16.347	3244385	22.218 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	3198146	22.113 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	3092621	22.054 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	2810488	22.060 ug/ml
20) T Dibenz[a,h]anthracene...	18.123	2851722	22.803 ug/ml
21) T Benzo[g,h,i]perylene ...	18.339	2782226	22.304 ug/ml

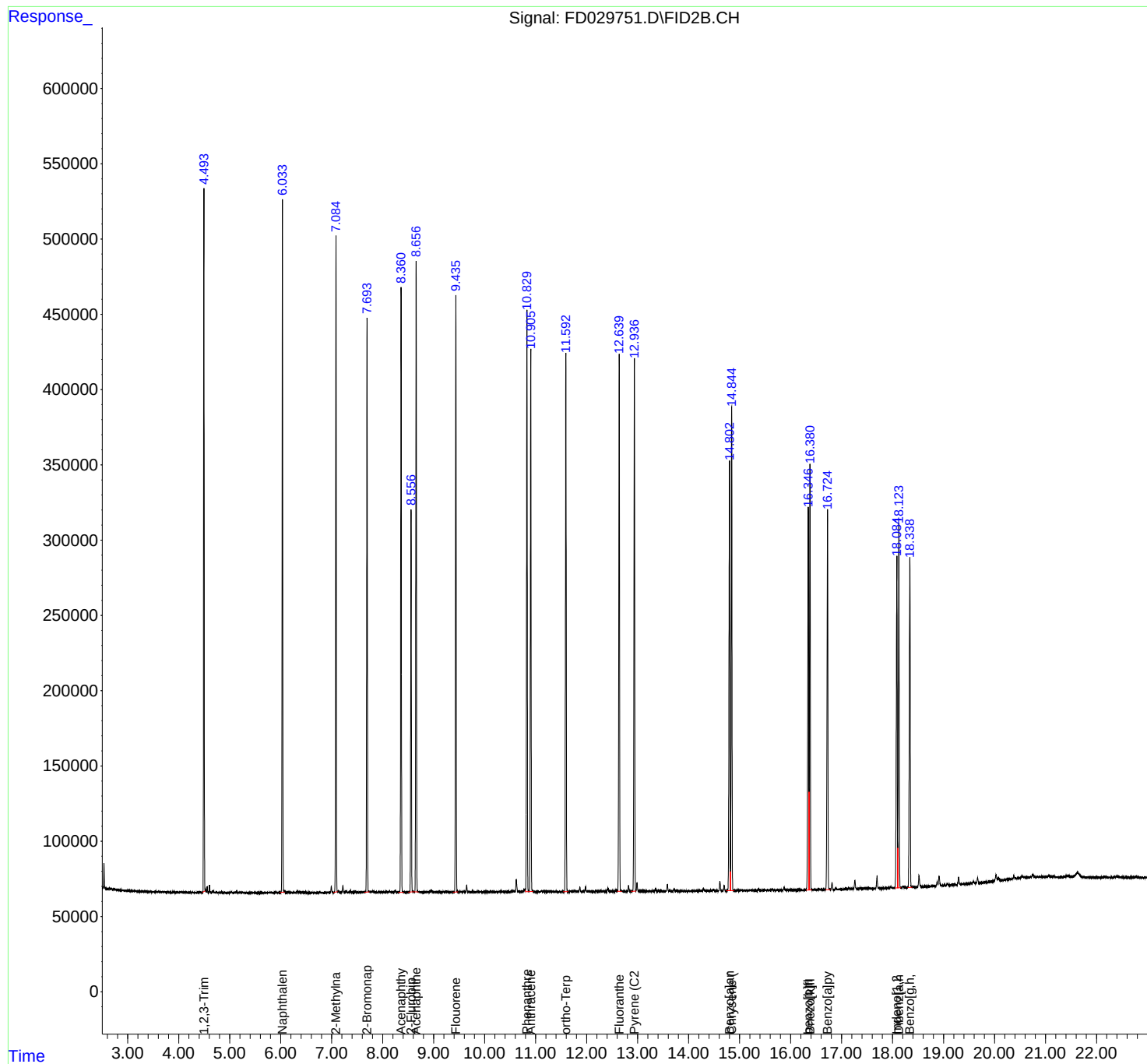
(f)=RT Delta > 1/2 Window

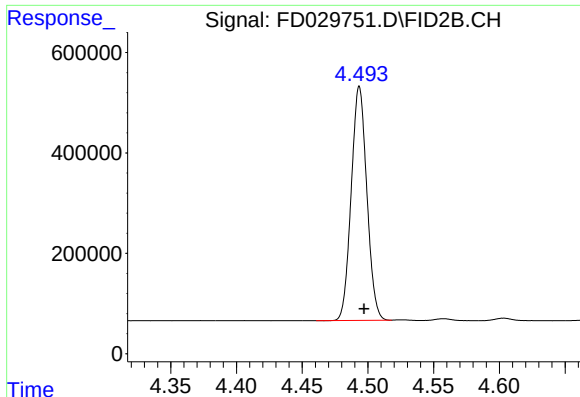
(m)=manual int.

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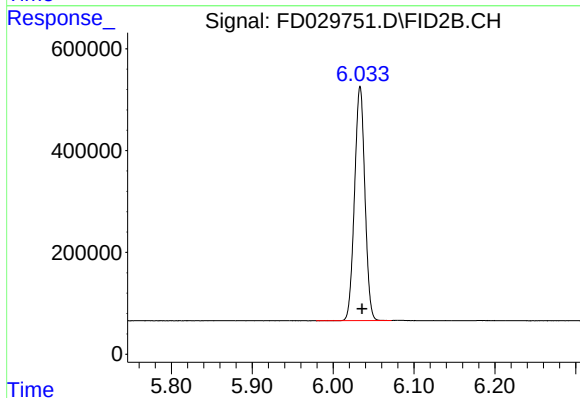
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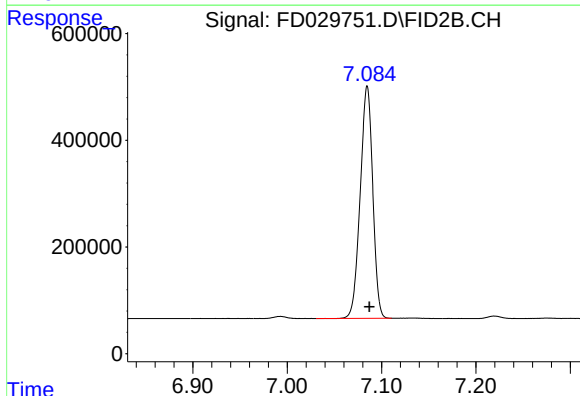
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 3850168
Conc: 22.77 ug/ml



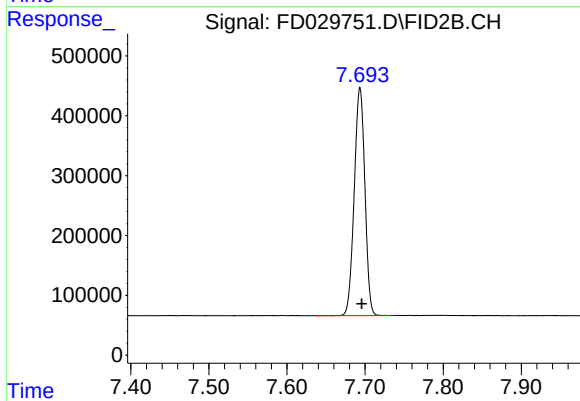
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 4084357
Conc: 22.82 ug/ml



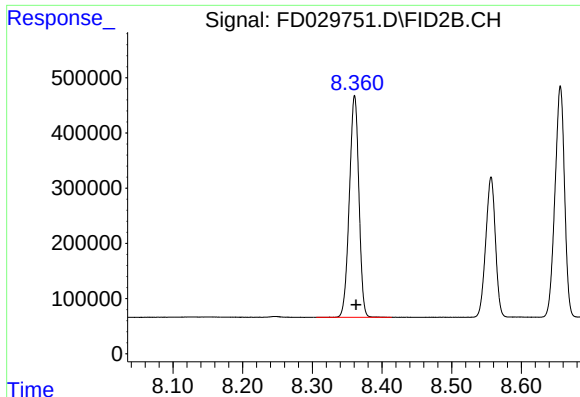
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 4015945
Conc: 22.76 ug/ml



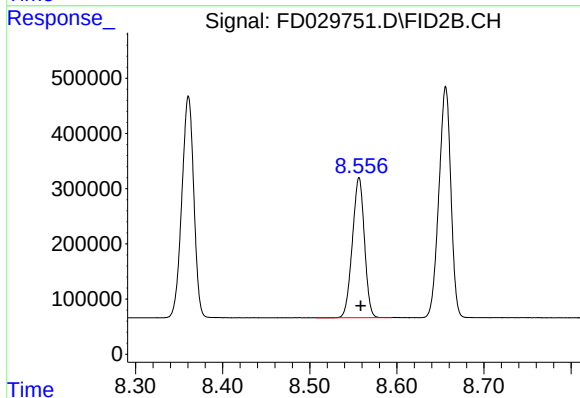
#4 2-Bromonaphthalene (SURR)

R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 3604485
Conc: 22.78 ug/ml



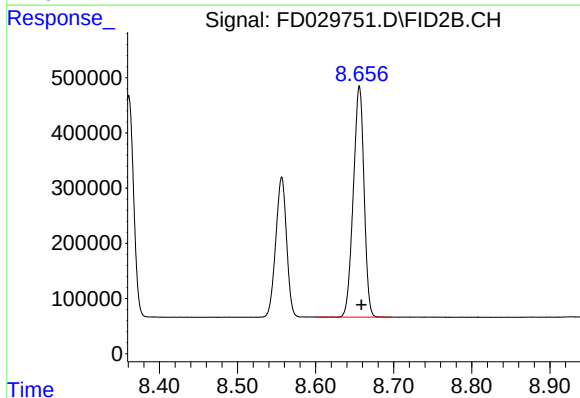
#5 Acenaphthylene (C15.06)

R.T.: 8.361 min
Delta R.T.: -0.002 min
Response: 3827378
Conc: 22.61 ug/ml



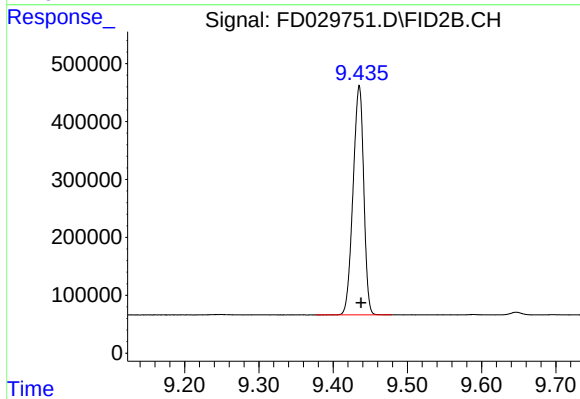
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.557 min
Delta R.T.: -0.002 min
Response: 2437889
Conc: 22.70 ug/ml



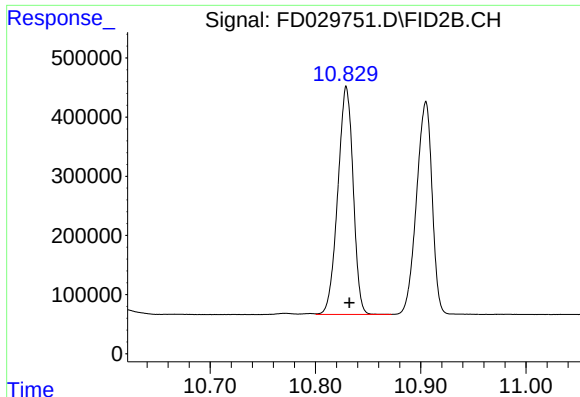
#7 Acenaphthene (C15.5)

R.T.: 8.656 min
Delta R.T.: -0.002 min
Response: 3994798
Conc: 22.67 ug/ml



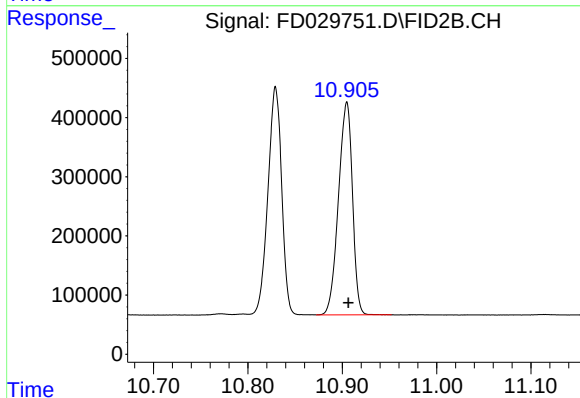
#8 Fluorene (C16.55)

R.T.: 9.435 min
Delta R.T.: -0.002 min
Response: 3953485
Conc: 22.63 ug/ml



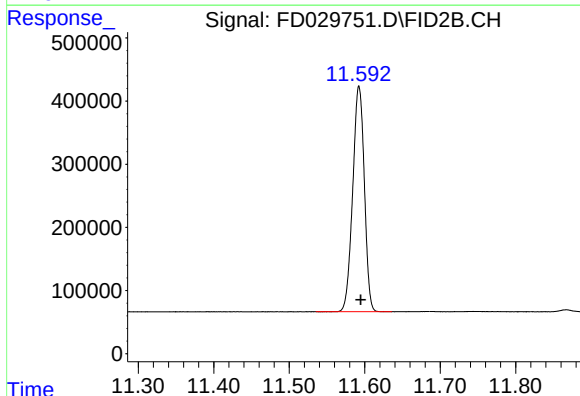
#9 Phenanthrene (C19.36)

R.T.: 10.829 min
Delta R.T.: -0.003 min
Response: 3905446
Conc: 22.52 ug/ml



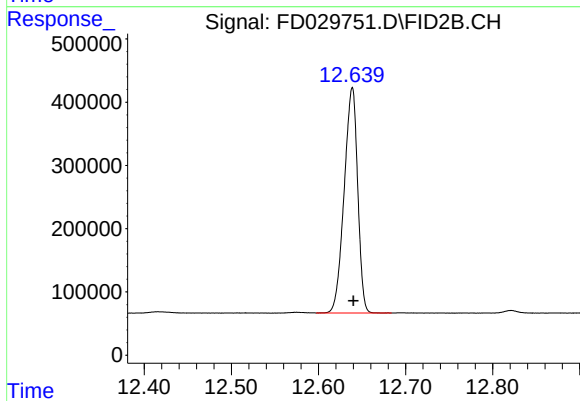
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.002 min
Response: 3708188
Conc: 21.93 ug/ml



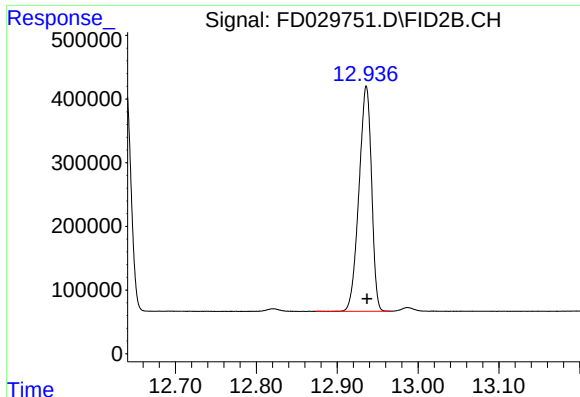
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.002 min
Response: 3818620
Conc: 22.50 ug/ml



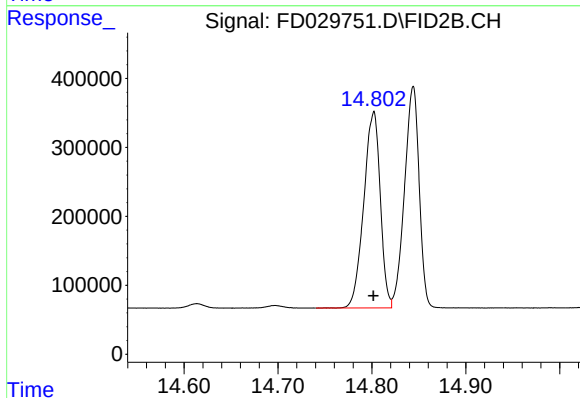
#12 Fluoranthene (C21.85)

R.T.: 12.639 min
Delta R.T.: -0.001 min
Response: 3840833
Conc: 22.43 ug/ml



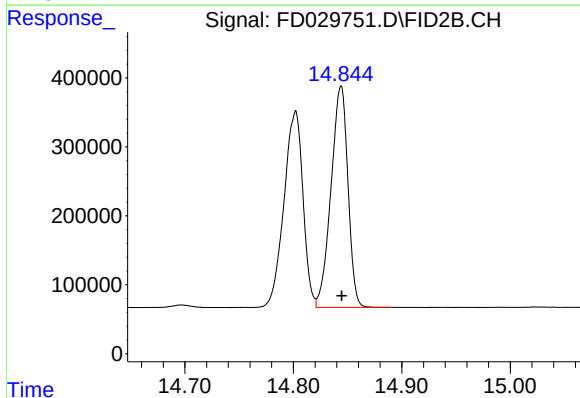
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.001 min
Response: 3817718
Conc: 22.44 ug/ml



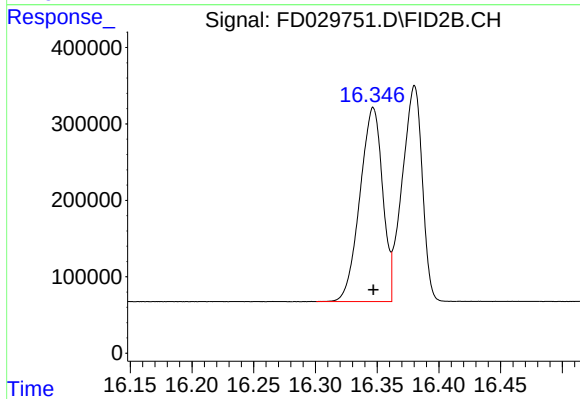
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 3473300
Conc: 22.28 ug/ml



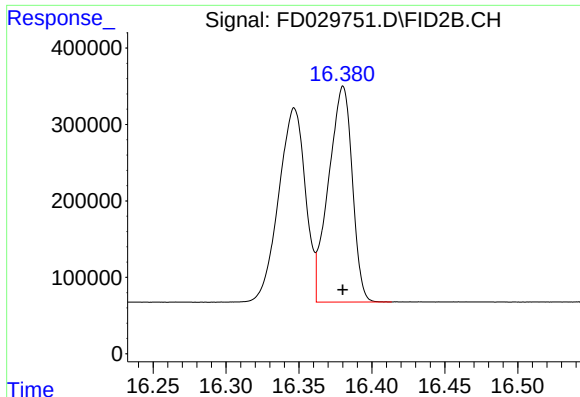
#15 Chrysene (C27.41)

R.T.: 14.844 min
Delta R.T.: 0.000 min
Response: 3482941
Conc: 22.35 ug/ml



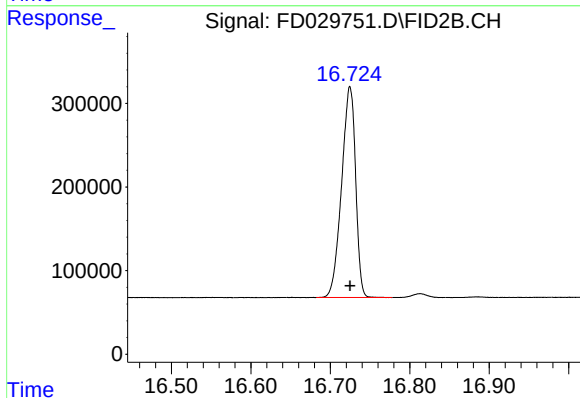
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.347 min
Delta R.T.: 0.000 min
Response: 3244385
Conc: 22.22 ug/ml



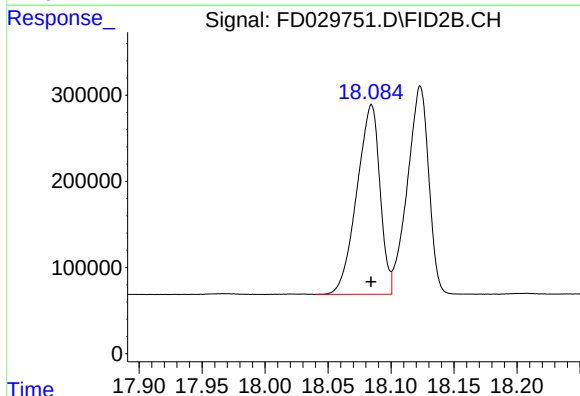
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 3198146
Conc: 22.11 ug/ml



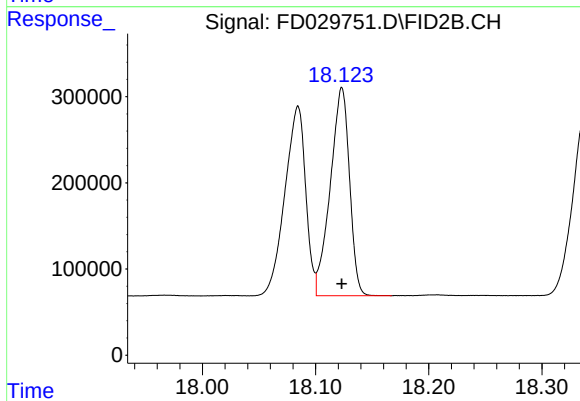
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: 0.000 min
Response: 3092621
Conc: 22.05 ug/ml



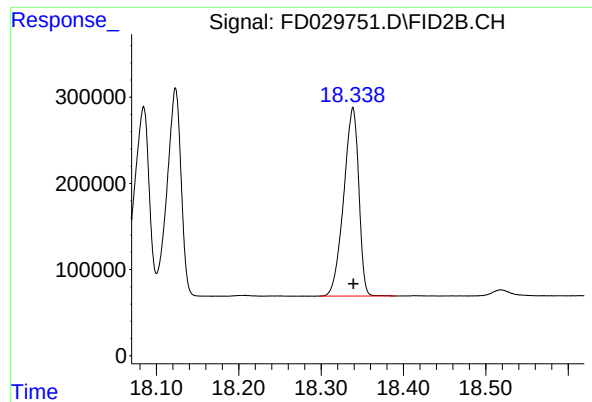
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 2810488
Conc: 22.06 ug/ml



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

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 2851722
Conc: 22.80 ug/ml



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

R.T.: 18.339 min
Delta R.T.: 0.000 min
Response: 2782226
Conc: 22.30 ug/ml