

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AR\
 Data File : FD031164.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2019 10:56
 Operator : DD\AJ
 Sample : K5436-05MS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 13:07:56 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...	7.543	2629898	27.513 ug/ml
Spiked Amount 50.000		Recovery =	55.03%
6) S 2-Fluorobiphenyl (SURR)	8.404	1251471	19.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.45%
11) S ortho-Terphenyl (SURR)	11.433	3210280	29.291 ug/ml
Spiked Amount 50.000		Recovery =	58.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	2088456	21.053 ug/ml
2) T Naphthalene (C11.7)	5.884	2611895	25.797 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	2806485	27.372 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3233263	31.322 ug/ml
7) T Acenaphthene (C15.5)	8.500	3212896	29.434 ug/ml
8) T Fluorene (C16.55)	9.280	3806874	36.724 ug/ml
9) T Phenanthrene (C19.36)	10.672	3831600	36.678 ug/ml
10) T Anthracene (C19.43)	10.748	3832492	36.525 ug/ml
12) T Fluoranthene (C21.85)	12.480	4114147	38.728 ug/ml
13) T Pyrene (C20.8)	12.776	3757272	35.459 ug/ml
14) T Benzo[a]anthracene (C...	14.646	3895952	40.553 ug/ml
15) T Chrysene (C27.41)	14.689	4329005	39.377 ug/ml
16) T benzo[b]fluoranthene ...	16.196	4154994	42.834 ug/ml
17) T Bnezo[k]fluoranthene ...	16.230	4051091	37.217 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	3808762	38.813 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.941	4037647	44.671 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	4051063	39.462 ug/ml
21) T Benzo[g,h,i]perylene ...	18.196	3965051	41.596 ug/ml

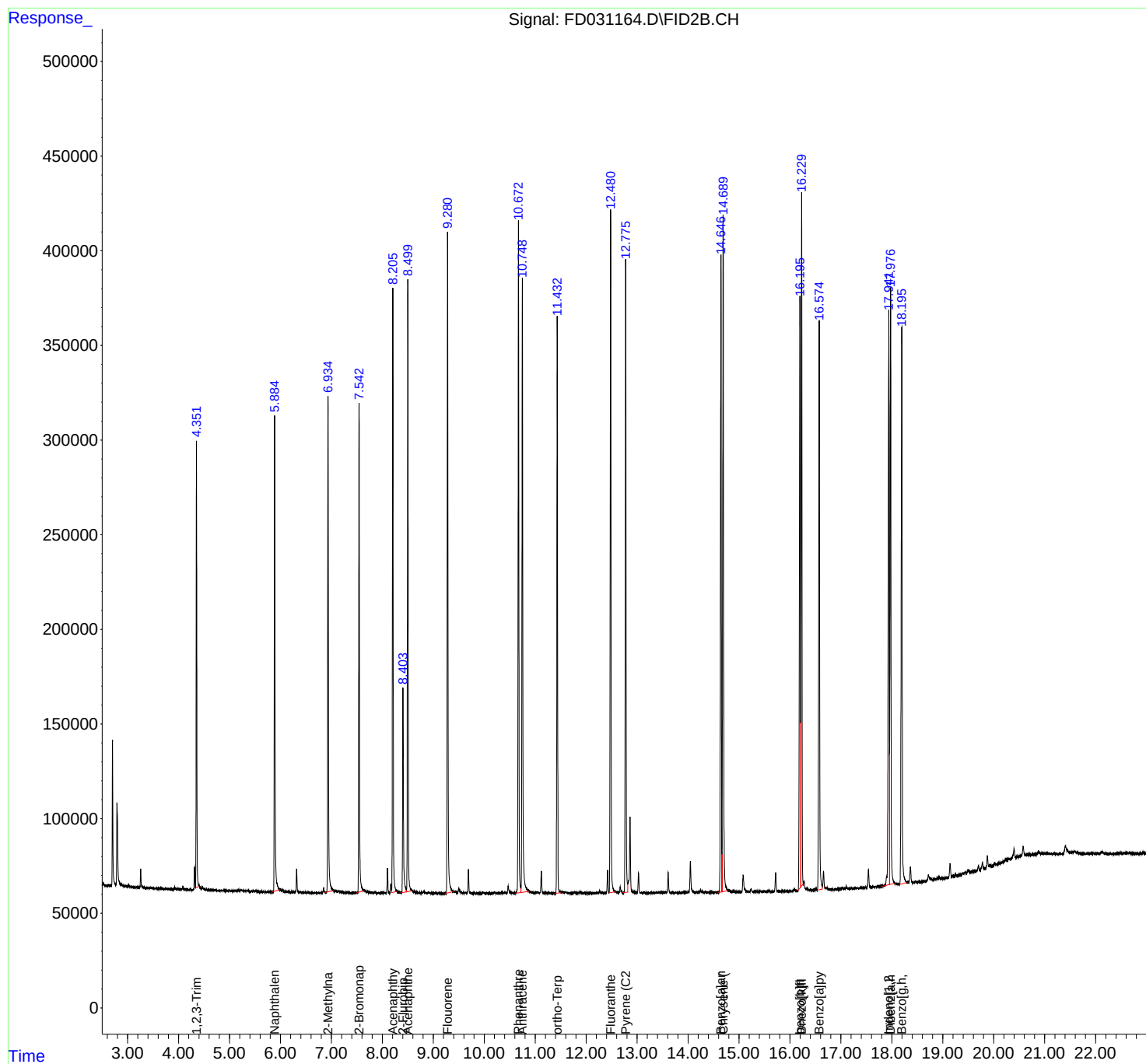
(f)=RT Delta > 1/2 Window

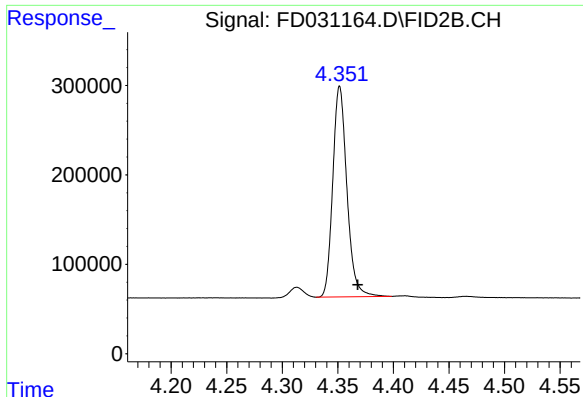
(m)=manual int.

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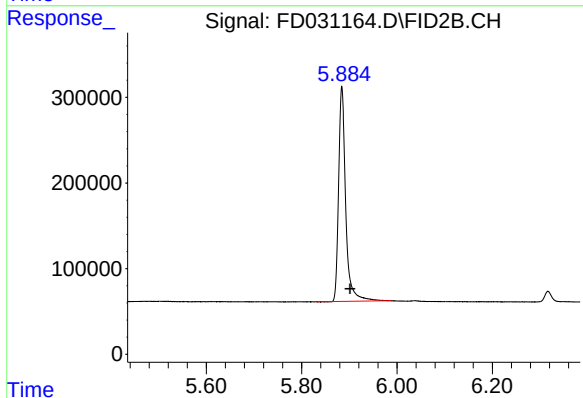
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Signal Info : 20M x 0.18mm x 0.18µm





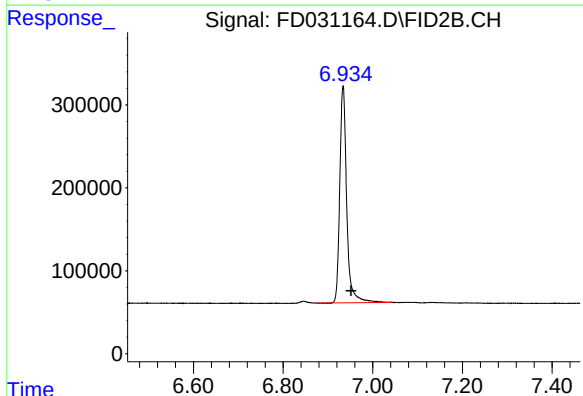
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.352 min
Delta R.T.: -0.016 min
Response: 2088456
Conc: 21.05 ug/ml



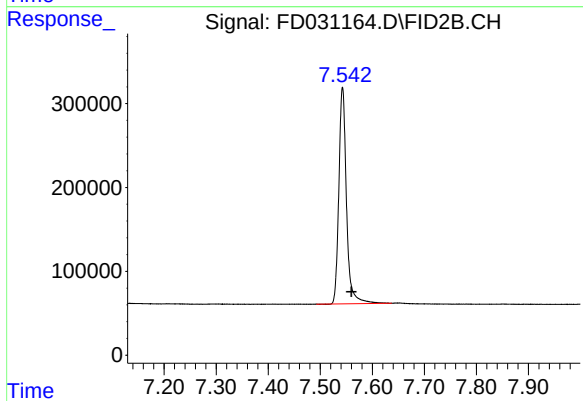
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.018 min
Response: 2611895
Conc: 25.80 ug/ml



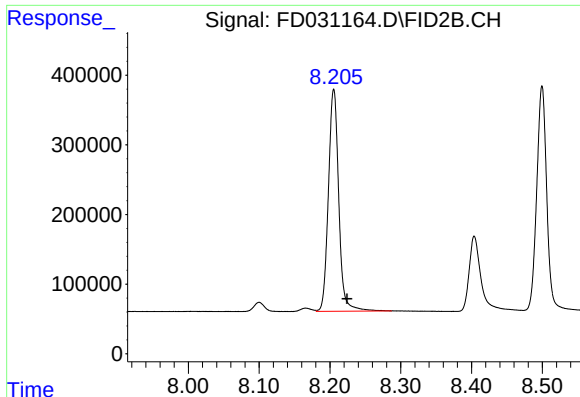
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.018 min
Response: 2806485
Conc: 27.37 ug/ml



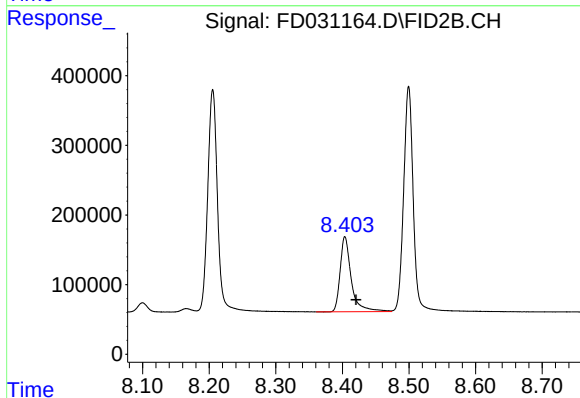
#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min
Delta R.T.: -0.017 min
Response: 2629898
Conc: 27.51 ug/ml



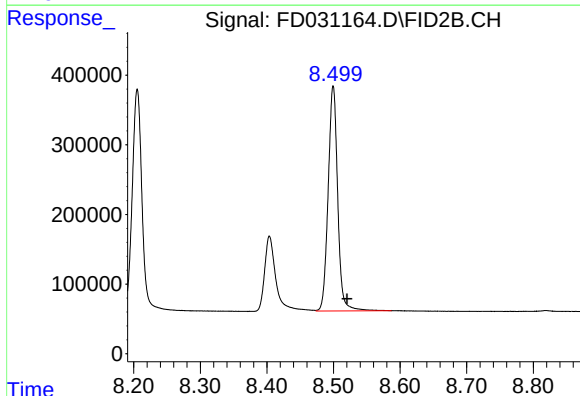
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: -0.019 min
Response: 3233263
Conc: 31.32 ug/ml



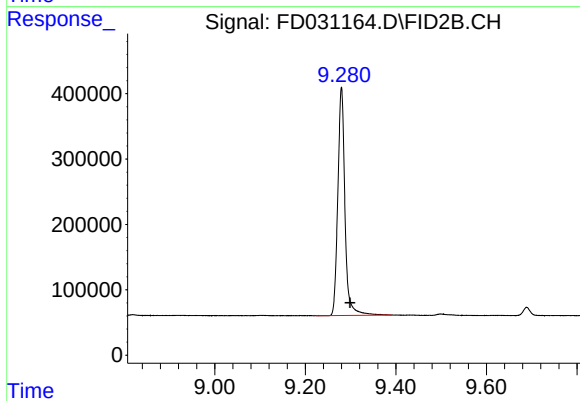
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.017 min
Response: 1251471
Conc: 19.72 ug/ml



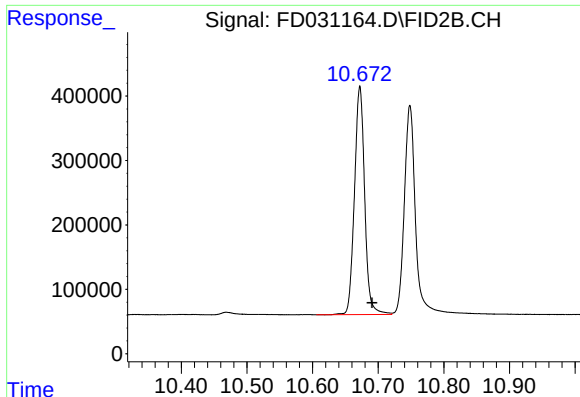
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.021 min
Response: 3212896
Conc: 29.43 ug/ml



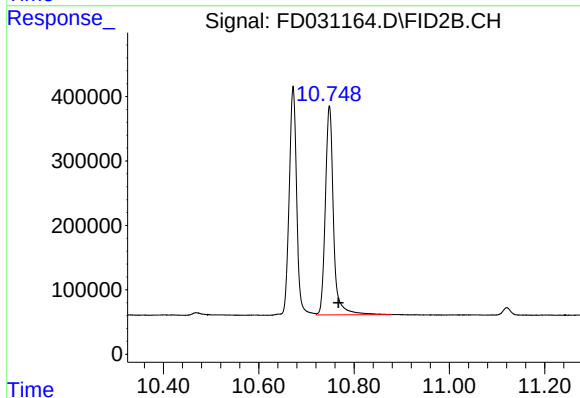
#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.019 min
Response: 3806874
Conc: 36.72 ug/ml



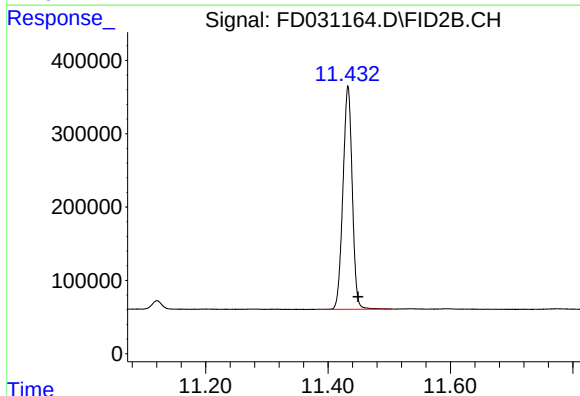
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.019 min
Response: 3831600
Conc: 36.68 ug/ml



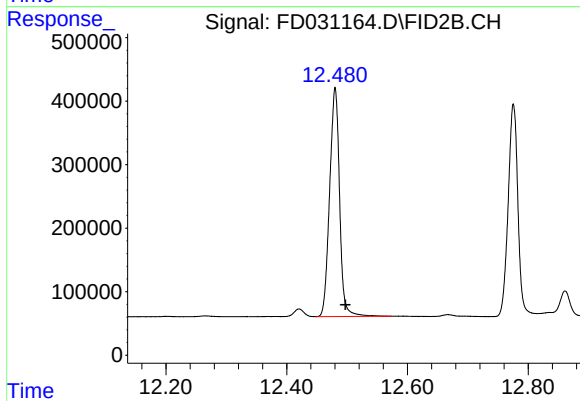
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.019 min
Response: 3832492
Conc: 36.52 ug/ml



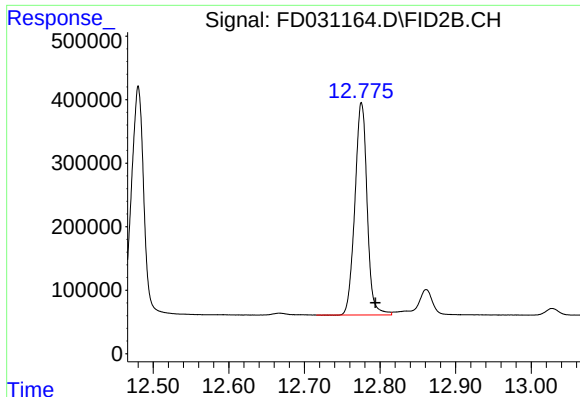
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.017 min
Response: 3210280
Conc: 29.29 ug/ml



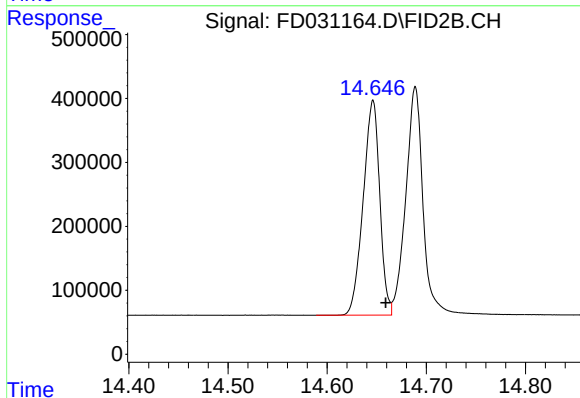
#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.017 min
Response: 4114147
Conc: 38.73 ug/ml



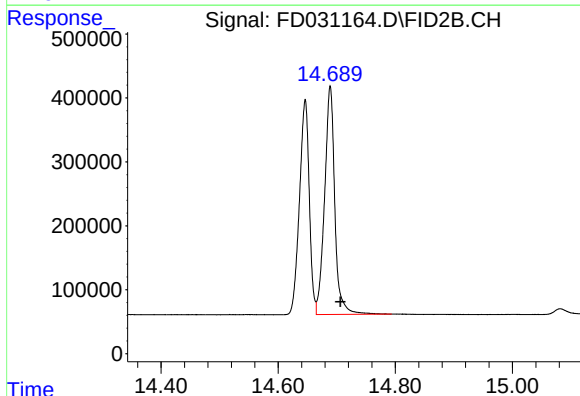
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.018 min
Response: 3757272
Conc: 35.46 ug/ml



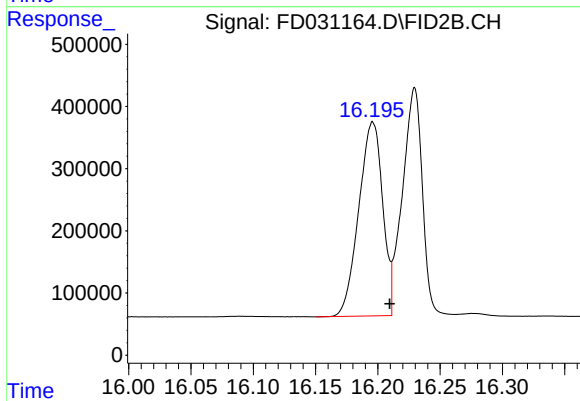
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.013 min
Response: 3895952
Conc: 40.55 ug/ml



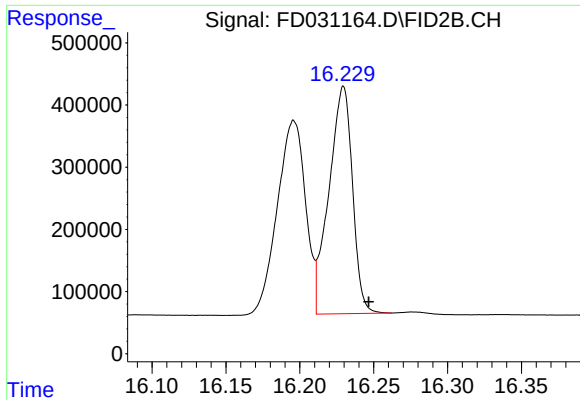
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: -0.017 min
Response: 4329005
Conc: 39.38 ug/ml



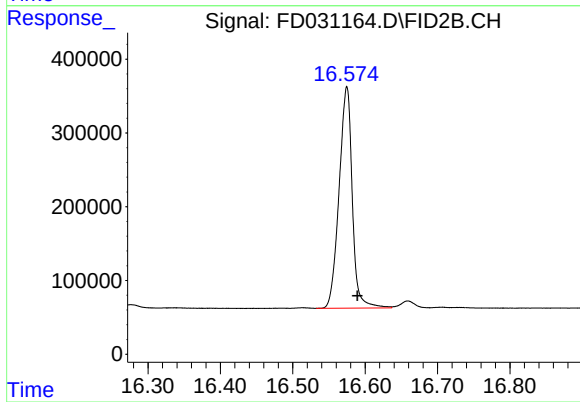
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min
Delta R.T.: -0.014 min
Response: 4154994
Conc: 42.83 ug/ml



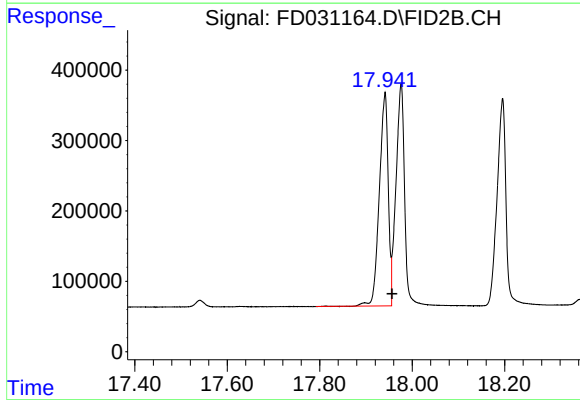
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.230 min
Delta R.T.: -0.017 min
Response: 4051091
Conc: 37.22 ug/ml



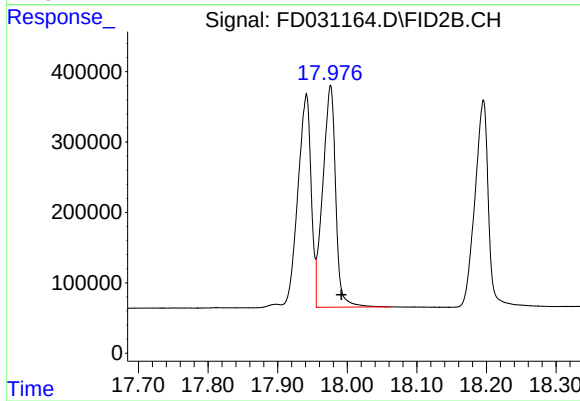
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: -0.015 min
Response: 3808762
Conc: 38.81 ug/ml



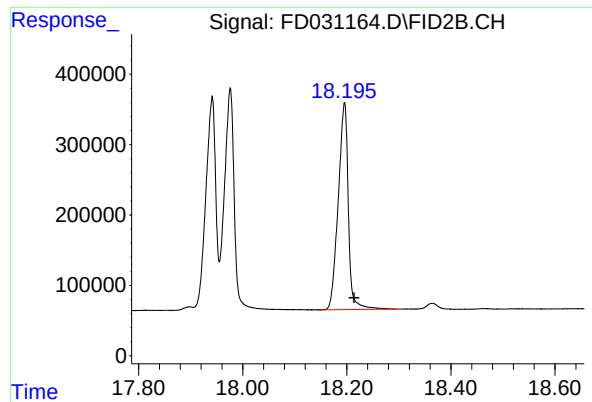
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.941 min
Delta R.T.: -0.015 min
Response: 4037647
Conc: 44.67 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.016 min
Response: 4051063
Conc: 39.46 ug/ml



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

R.T.: 18.196 min
Delta R.T.: -0.018 min
Response: 3965051
Conc: 41.60 ug/ml