

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022820AR\
 Data File : FD032443.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2020 9:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 23:40:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.625	2511082	18.069 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
6) S 2-Fluorobiphenyl (SURR)	8.486	1675057	17.663 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.33%
11) S ortho-Terphenyl (SURR)	11.523	2539563	17.121 ug/ml
Spiked Amount 50.000		Recovery =	34.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	2470196	17.057 ug/ml
2) T Naphthalene (C11.7)	5.965	2840267	18.637 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	2771570	18.320 ug/ml
5) T Acenaphthylene (C15.06)	8.289	2559445	17.369 ug/ml
7) T Acenaphthene (C15.5)	8.584	2687429	17.796 ug/ml
8) T Fluorene (C16.55)	9.363	2614385	17.469 ug/ml
9) T Phenanthrene (C19.36)	10.757	2541922	16.807 ug/ml
10) T Anthracene (C19.43)	10.832	2243737	15.126 ug/ml
12) T Fluoranthene (C21.85)	12.567	2457708	16.321 ug/ml
13) T Pyrene (C20.8)	12.864	2419660	16.208 ug/ml
14) T Benzo[a]anthracene (C...	14.733	2235457	15.741 ug/ml
15) T Chrysene (C27.41)	14.776	2298070	16.076 ug/ml
16) T benzo[b]fluoranthene ...	16.283	2257098	16.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	2270227	16.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	2239773	16.439 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	2190926	16.938 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	2269479	17.386 ug/ml
21) T Benzo[g,h,i]perylene ...	18.281	2203564	17.545 ug/ml

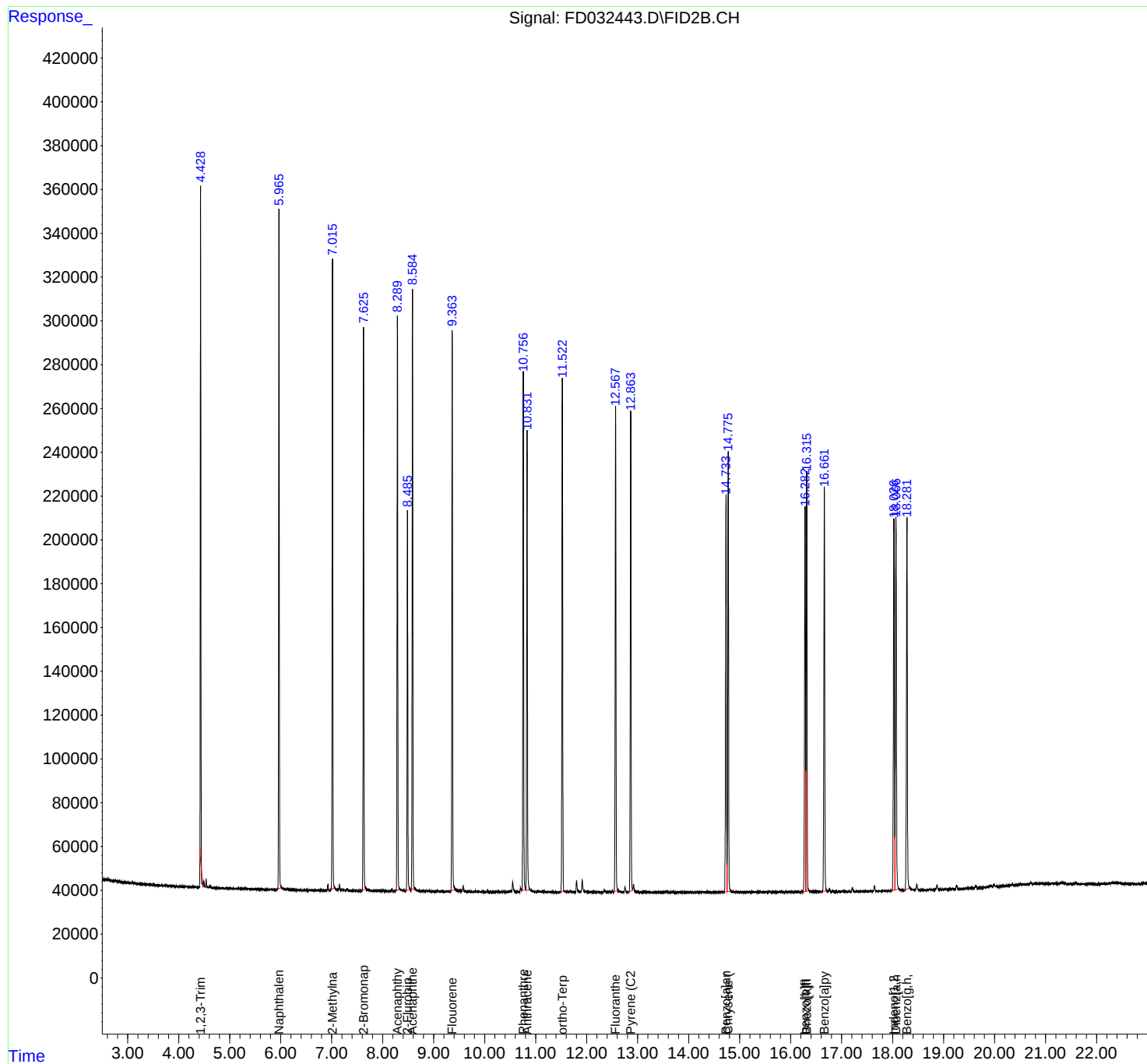
(f)=RT Delta > 1/2 Window

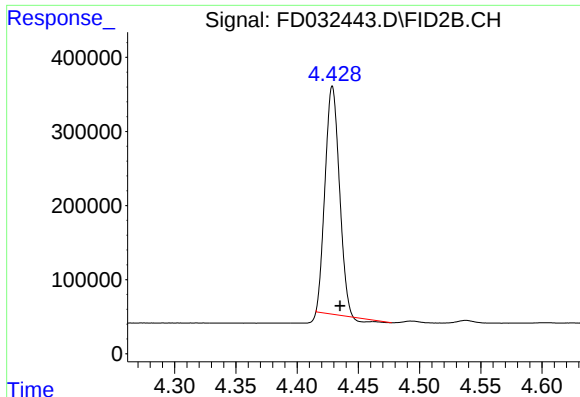
(m)=manual int.

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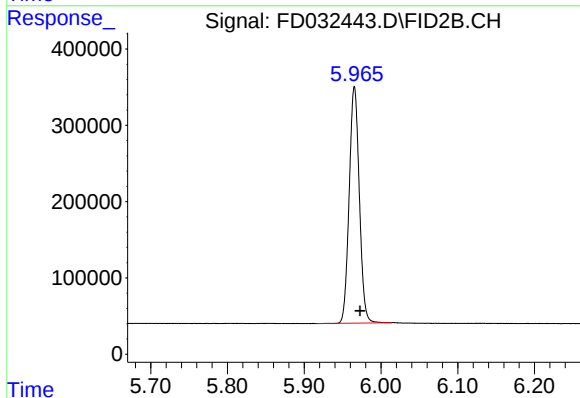
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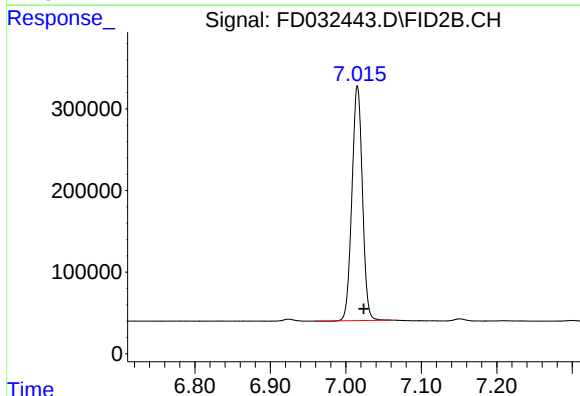
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.006 min
Response: 2470196
Conc: 17.06 ug/ml



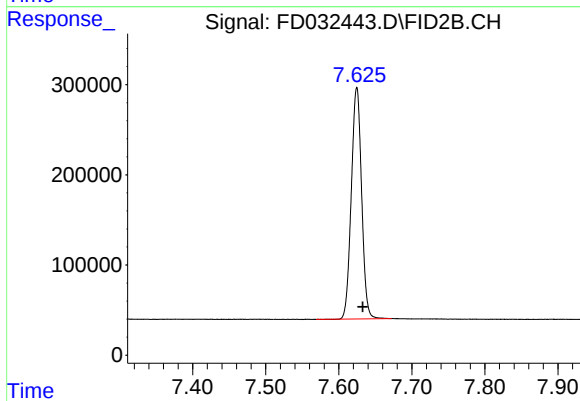
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.007 min
Response: 2840267
Conc: 18.64 ug/ml



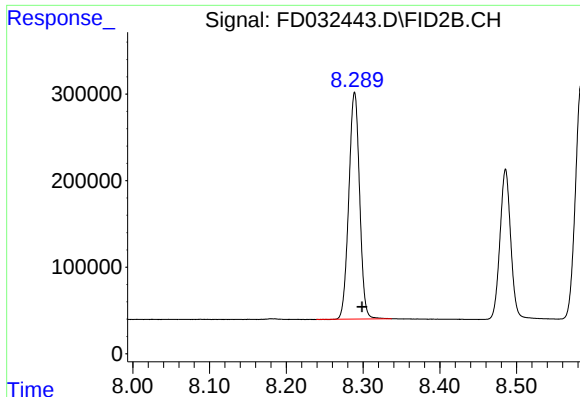
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 2771570
Conc: 18.32 ug/ml



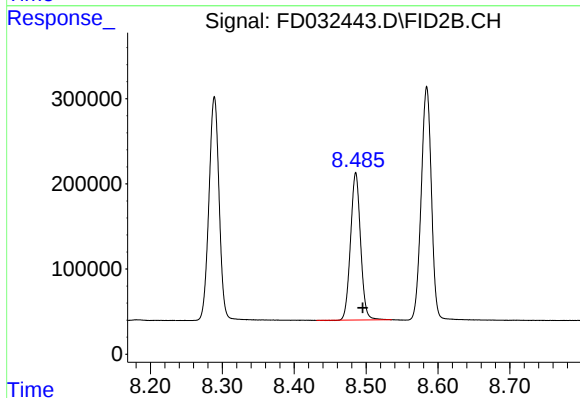
#4 2-Bromonaphthalene (SURR)

R.T.: 7.625 min
Delta R.T.: -0.008 min
Response: 2511082
Conc: 18.07 ug/ml



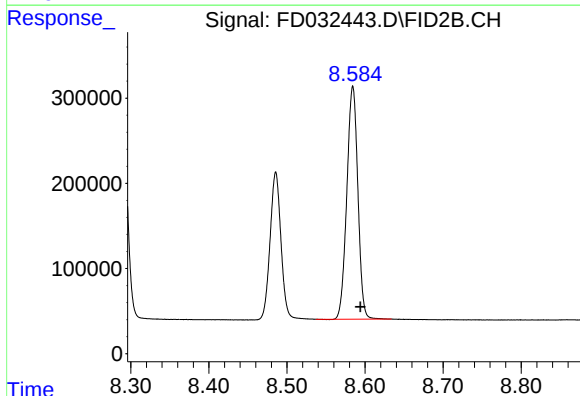
#5 Acenaphthylene (C15.06)

R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 2559445
Conc: 17.37 ug/ml



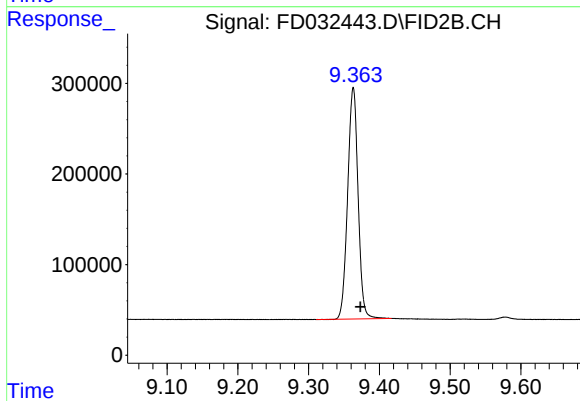
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: -0.010 min
Response: 1675057
Conc: 17.66 ug/ml



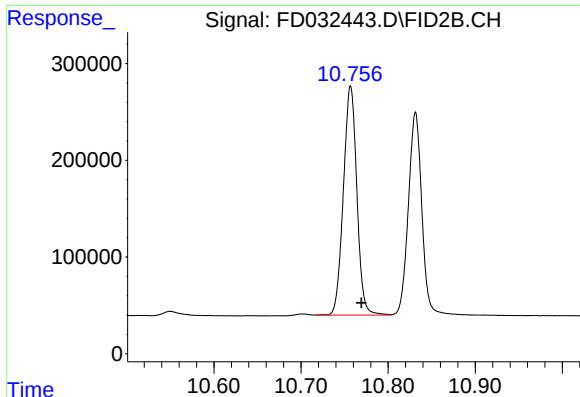
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.010 min
Response: 2687429
Conc: 17.80 ug/ml



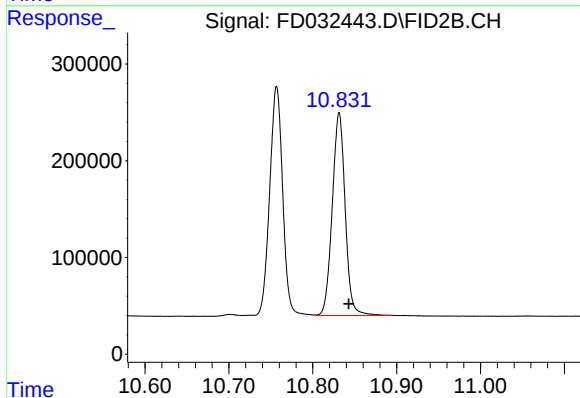
#8 Flouorene (C16.55)

R.T.: 9.363 min
Delta R.T.: -0.010 min
Response: 2614385
Conc: 17.47 ug/ml



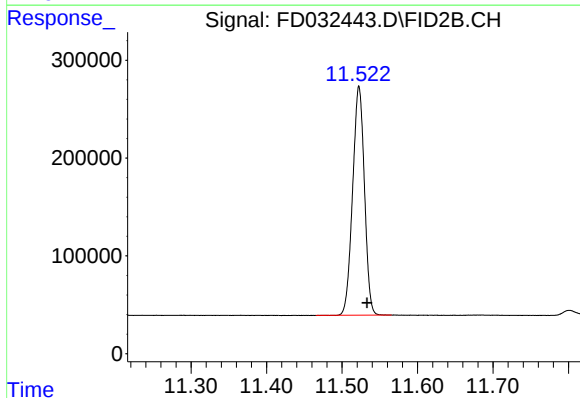
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: -0.012 min
Response: 2541922
Conc: 16.81 ug/ml



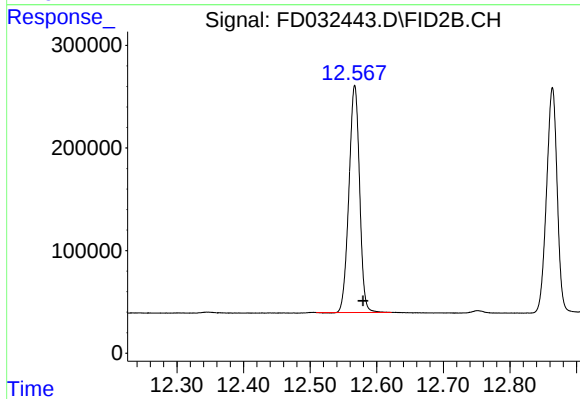
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 2243737
Conc: 15.13 ug/ml



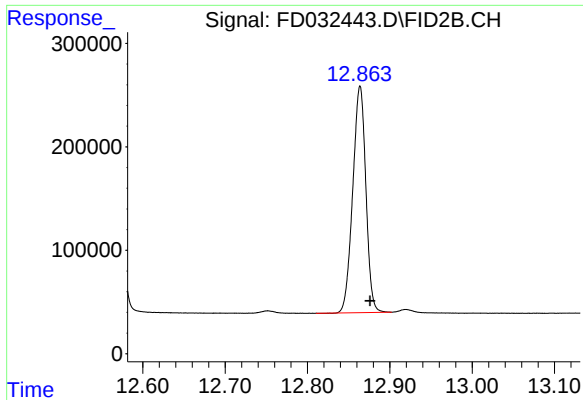
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.011 min
Response: 2539563
Conc: 17.12 ug/ml



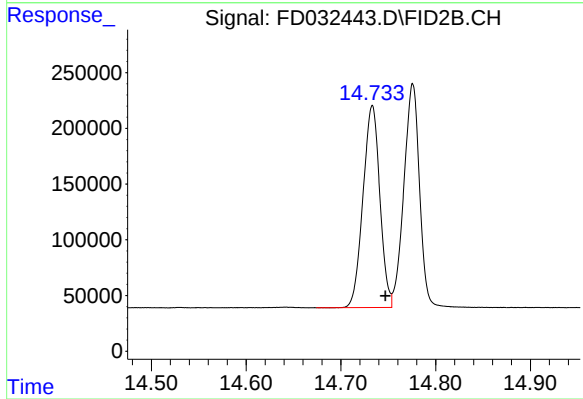
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: -0.012 min
Response: 2457708
Conc: 16.32 ug/ml



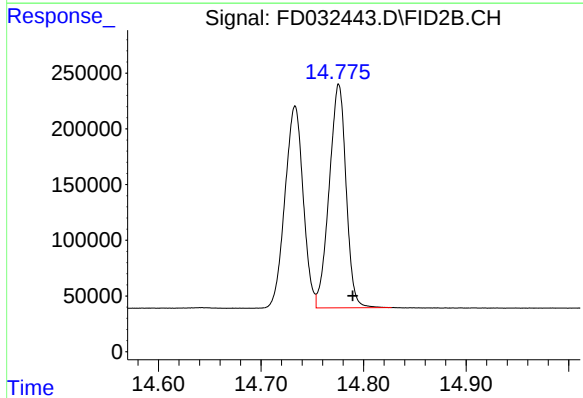
#13 Pyrene (C20.8)

R.T.: 12.864 min
Delta R.T.: -0.012 min
Response: 2419660
Conc: 16.21 ug/ml



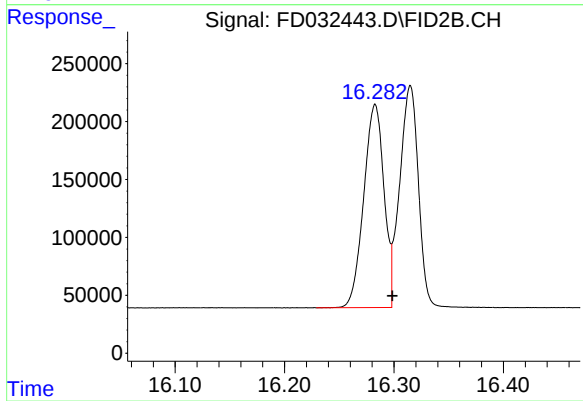
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: -0.014 min
Response: 2235457
Conc: 15.74 ug/ml



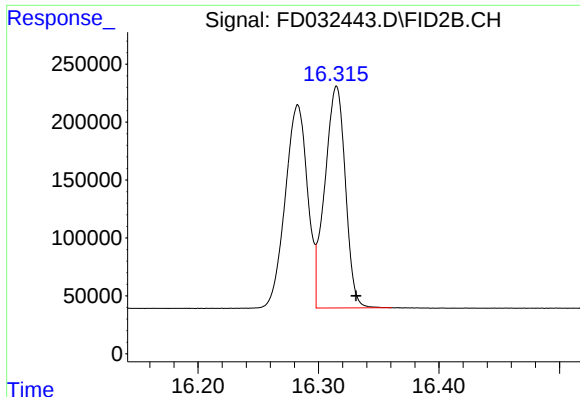
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.014 min
Response: 2298070
Conc: 16.08 ug/ml



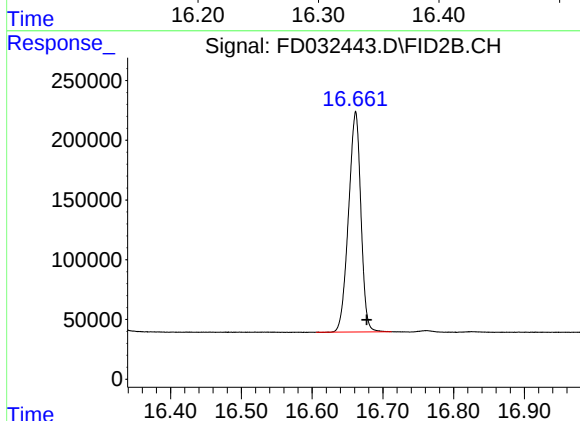
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.283 min
Delta R.T.: -0.016 min
Response: 2257098
Conc: 16.29 ug/ml



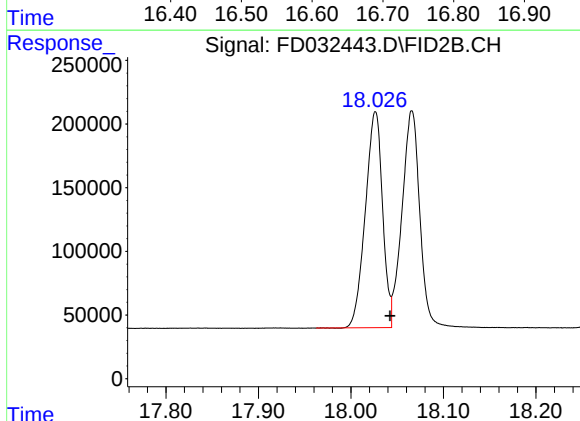
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.315 min
Delta R.T.: -0.016 min
Response: 2270227
Conc: 16.45 ug/ml



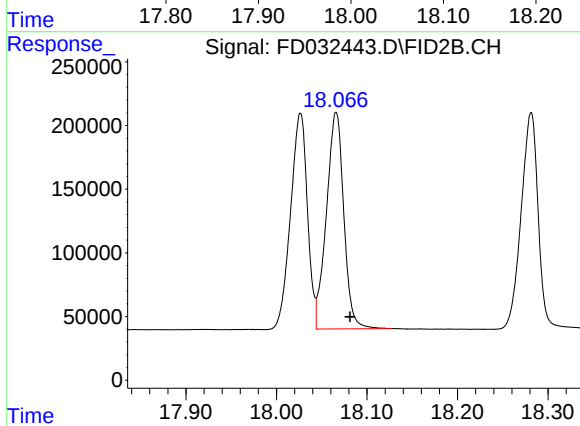
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: -0.015 min
Response: 2239773
Conc: 16.44 ug/ml



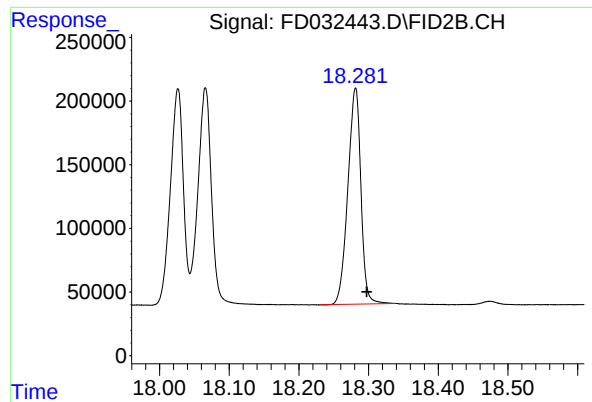
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: -0.016 min
Response: 2190926
Conc: 16.94 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.015 min
Response: 2269479
Conc: 17.39 ug/ml



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

R.T.: 18.281 min
Delta R.T.: -0.016 min
Response: 2203564
Conc: 17.55 ug/ml