

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022620AR\
 Data File : FD032440.D
 Signal(s) : FID2B.CH
 Acq On : 26 Feb 2020 14:41
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 00:30:03 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...	7.624	2827774	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.486	1877509	19.798 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.60%
11) S ortho-Terphenyl (SURR)	11.523	2831084	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	2656606	18.344 ug/ml
2) T Naphthalene (C11.7)	5.965	3188126	20.920 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	3112144	20.572 ug/ml
5) T Acenaphthylene (C15.06)	8.289	2869341	19.473 ug/ml
7) T Acenaphthene (C15.5)	8.584	3009686	19.930 ug/ml
8) T Fluorene (C16.55)	9.363	2939673	19.643 ug/ml
9) T Phenanthrene (C19.36)	10.758	2843313	18.800 ug/ml
10) T Anthracene (C19.43)	10.832	2511782	16.934 ug/ml
12) T Fluoranthene (C21.85)	12.567	2734793	18.161 ug/ml
13) T Pyrene (C20.8)	12.864	2692921	18.039 ug/ml
14) T Benzo[a]anthracene (C...	14.735	2502526	17.621 ug/ml
15) T Chrysene (C27.41)	14.776	2576225	18.022 ug/ml
16) T benzo[b]fluoranthene ...	16.284	2530712	18.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	2529968	18.331 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	2492776	18.296 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2470869	19.102 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	2560886	19.618 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2488346	19.813 ug/ml

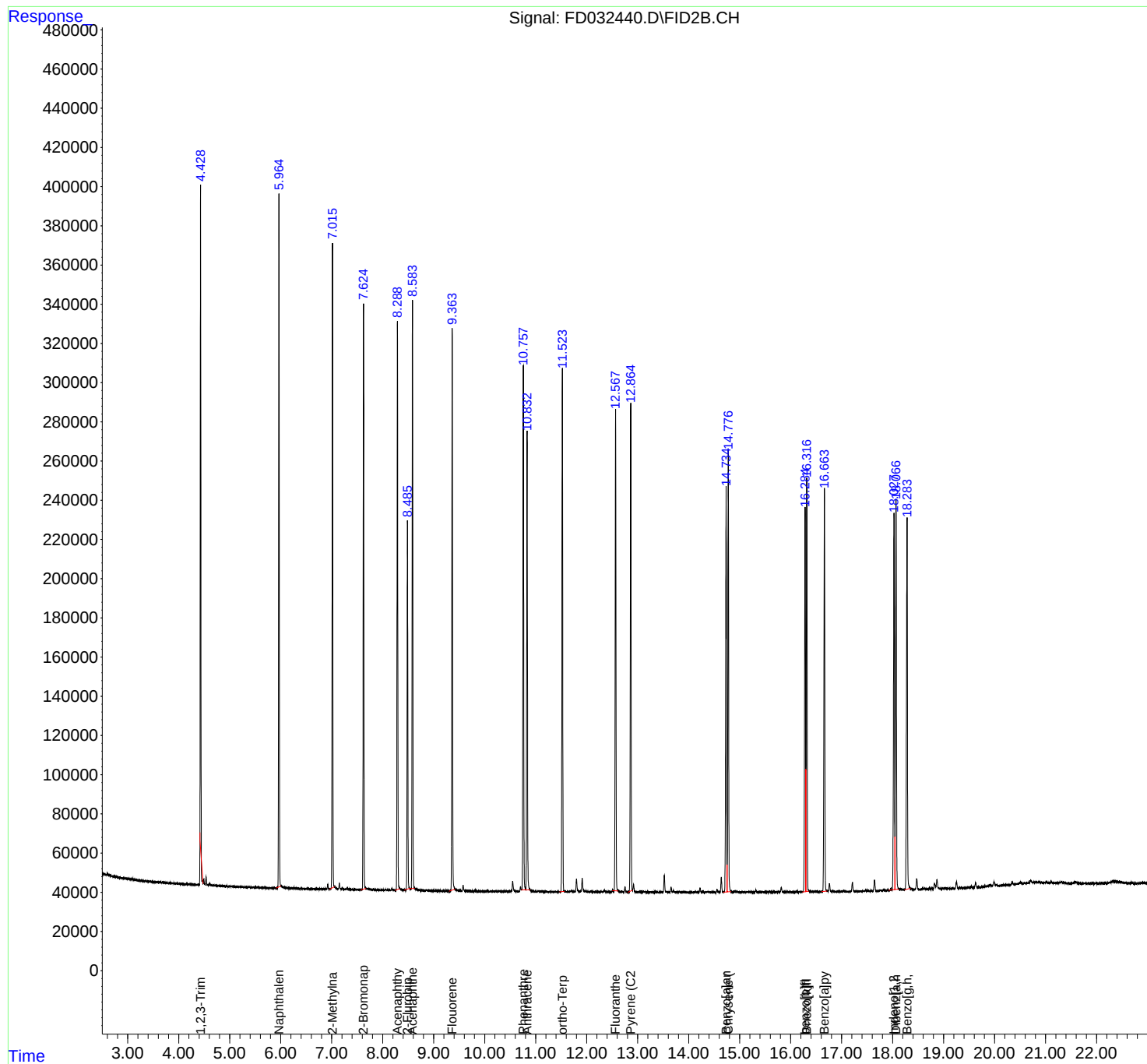
(f)=RT Delta > 1/2 Window

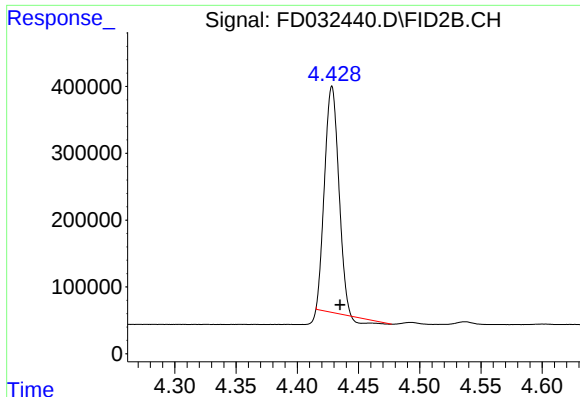
(m)=manual int.

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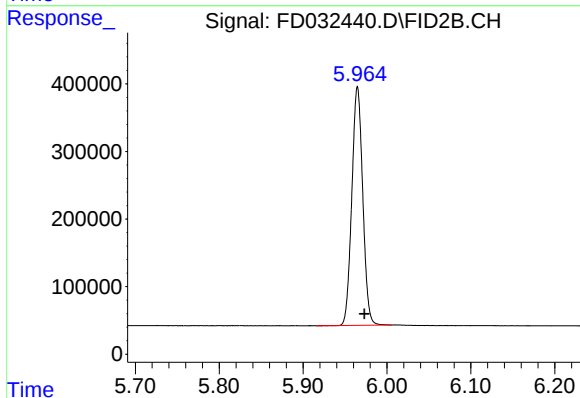
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Signal Info : 20M x 0.18mm x 0.18µm





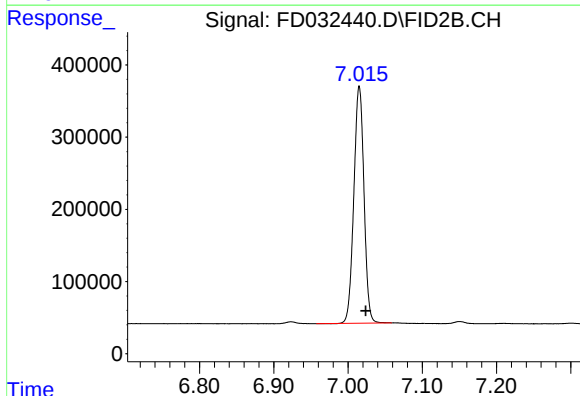
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.428 min
Delta R.T.: -0.007 min
Response: 2656606
Conc: 18.34 ug/ml



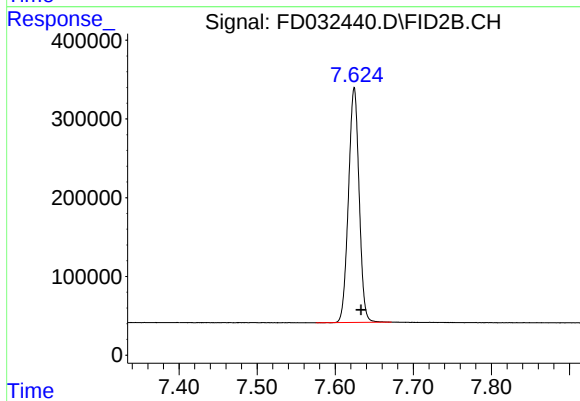
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 3188126
Conc: 20.92 ug/ml



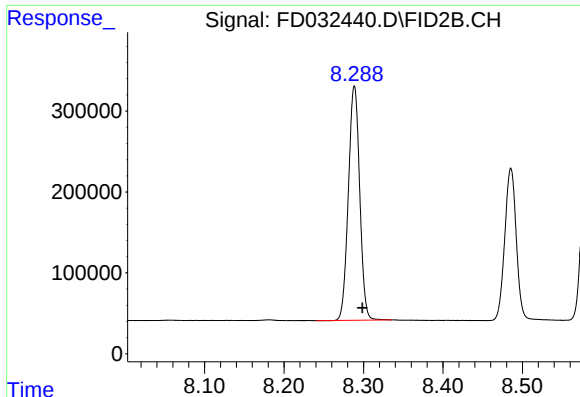
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.009 min
Response: 3112144
Conc: 20.57 ug/ml



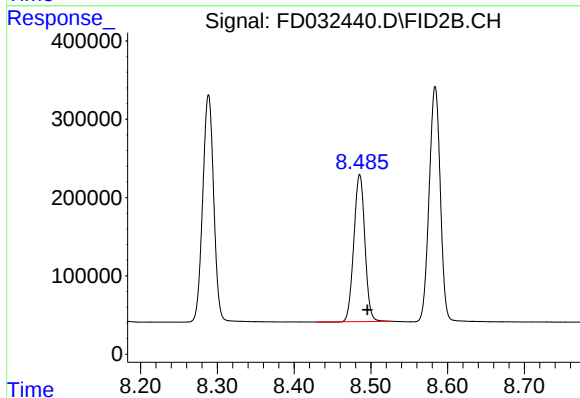
#4 2-Bromonaphthalene (SURR)

R.T.: 7.624 min
Delta R.T.: -0.009 min
Response: 2827774
Conc: 20.35 ug/ml



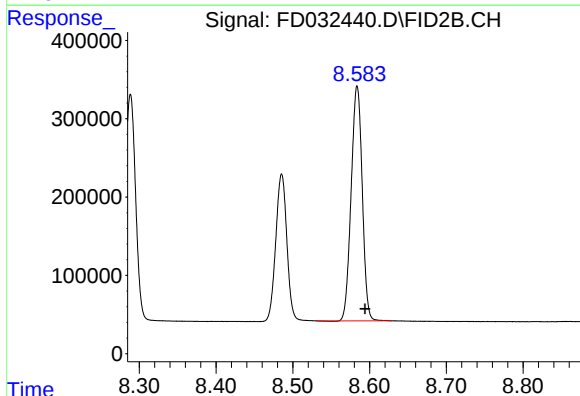
#5 Acenaphthylene (C15.06)

R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 2869341
Conc: 19.47 ug/ml



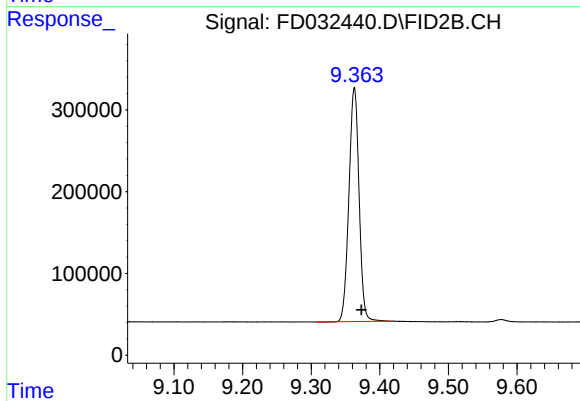
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: -0.010 min
Response: 1877509
Conc: 19.80 ug/ml



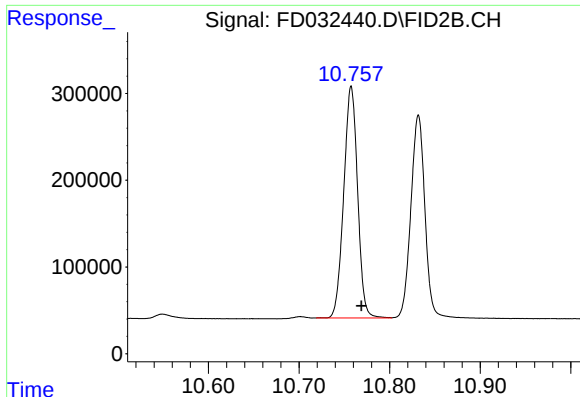
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.010 min
Response: 3009686
Conc: 19.93 ug/ml



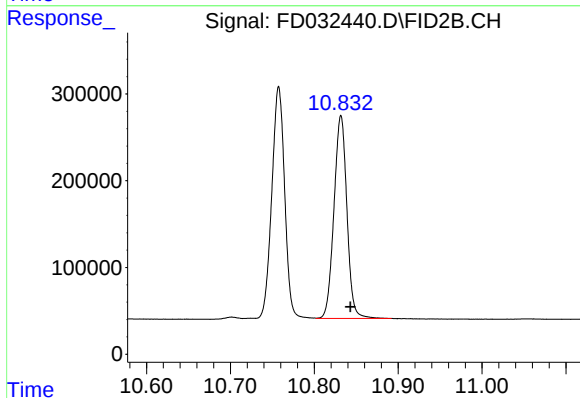
#8 Fluorene (C16.55)

R.T.: 9.363 min
Delta R.T.: -0.010 min
Response: 2939673
Conc: 19.64 ug/ml



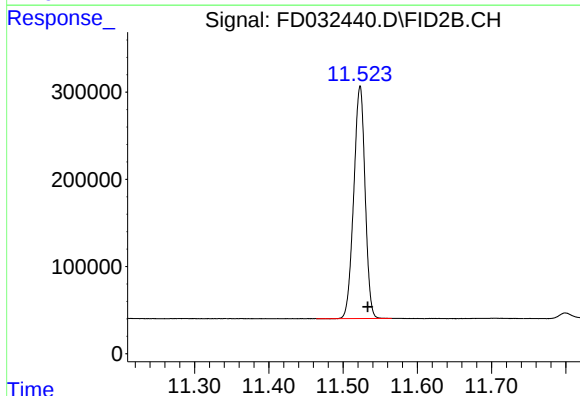
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: -0.011 min
Response: 2843313
Conc: 18.80 ug/ml



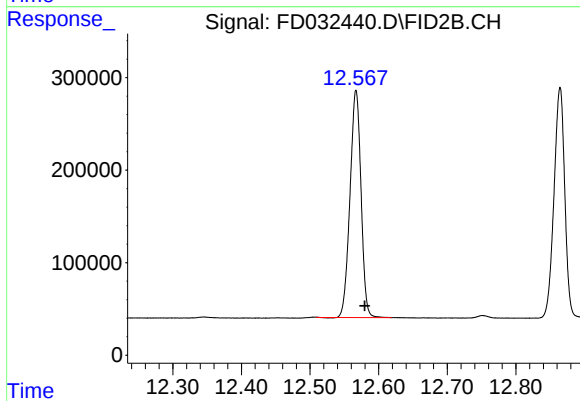
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 2511782
Conc: 16.93 ug/ml



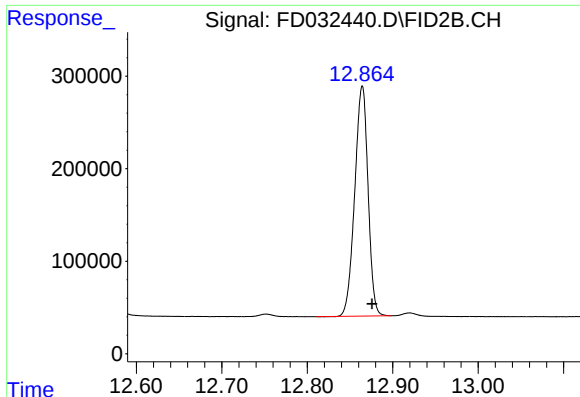
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 2831084
Conc: 19.09 ug/ml



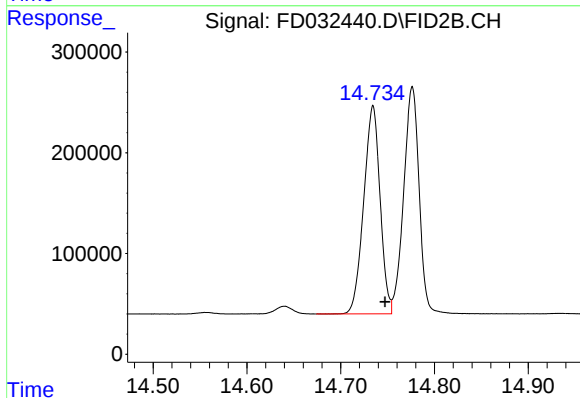
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: -0.012 min
Response: 2734793
Conc: 18.16 ug/ml



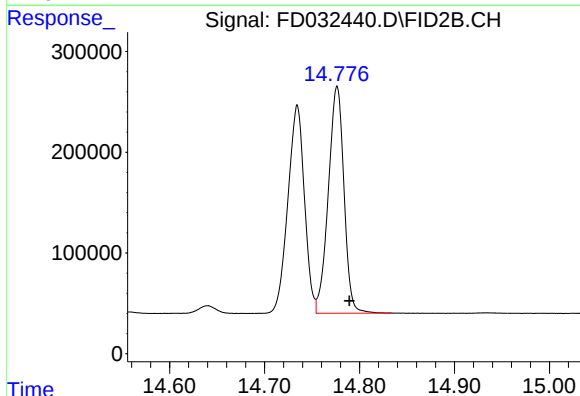
#13 Pyrene (C20.8)

R.T.: 12.864 min
Delta R.T.: -0.012 min
Response: 2692921
Conc: 18.04 ug/ml



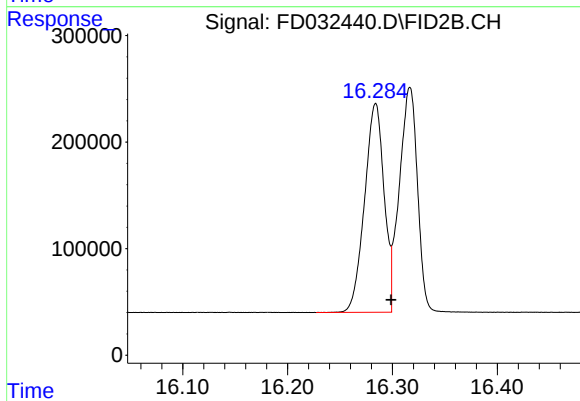
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.013 min
Response: 2502526
Conc: 17.62 ug/ml



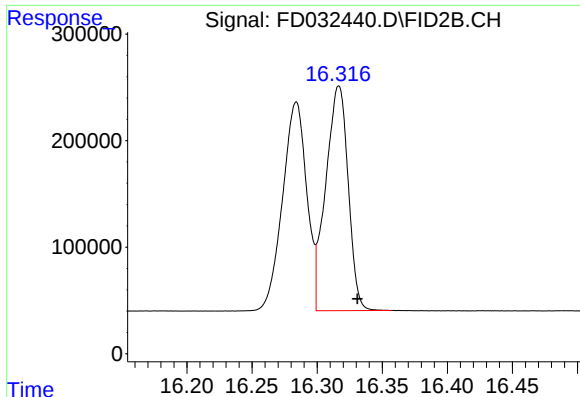
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.013 min
Response: 2576225
Conc: 18.02 ug/ml



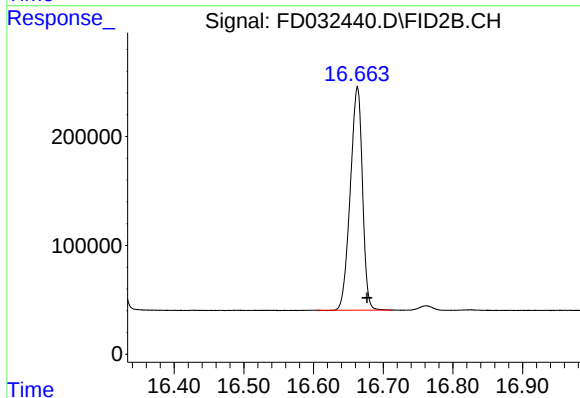
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.284 min
Delta R.T.: -0.015 min
Response: 2530712
Conc: 18.26 ug/ml



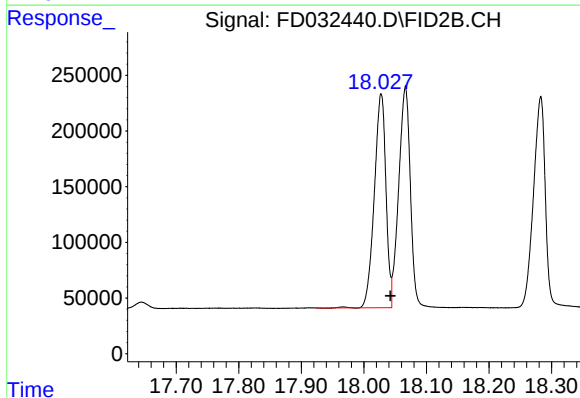
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: -0.014 min
Response: 2529968
Conc: 18.33 ug/ml



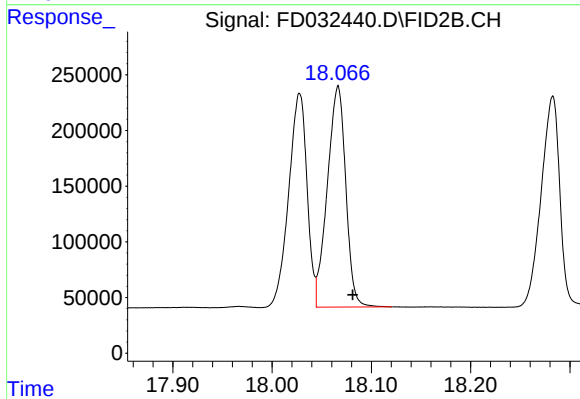
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.663 min
Delta R.T.: -0.014 min
Response: 2492776
Conc: 18.30 ug/ml



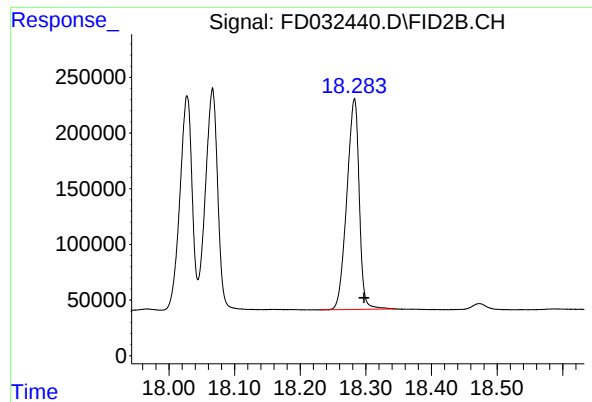
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: -0.015 min
Response: 2470869
Conc: 19.10 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.015 min
Response: 2560886
Conc: 19.62 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.015 min
Response: 2488346
Conc: 19.81 ug/ml