

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071819AR\
 Data File : FD029795.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2019 11:52
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 19 01:36:20 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...	7.688	2856356	18.051 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
6) S 2-Fluorobiphenyl (SURR)	8.551	1925412	17.925 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.85%
11) S ortho-Terphenyl (SURR)	11.588	3001066	17.683 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3068180	18.147 ug/ml
2) T Naphthalene (C11.7)	6.028	3242999	18.121 ug/ml
3) T 2-Methylnaphthalene (...)	7.080	3181602	18.035 ug/ml
5) T Acenaphthylene (C15.06)	8.355	3035193	17.929 ug/ml
7) T Acenaphthene (C15.5)	8.650	3166791	17.972 ug/ml
8) T Flouorene (C16.55)	9.430	3120093	17.856 ug/ml
9) T Phenanthrene (C19.36)	10.824	3069733	17.702 ug/ml
10) T Anthracene (C19.43)	10.898	3013080	17.821 ug/ml
12) T Fluoranthene (C21.85)	12.632	2984725	17.429 ug/ml
13) T Pyrene (C20.8)	12.929	2957427	17.385 ug/ml
14) T Benzo[a]anthracene (C...	14.793	2643399	16.956 ug/ml
15) T Chrysene (C27.41)	14.836	2643801	16.962 ug/ml
16) T benzo[b]fluoranthene ...	16.340	2447747	16.762 ug/ml
17) T Bnezo[k]fluoranthene ...	16.371	2437145	16.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	2370165	16.902 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.075	2266229	17.788 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	2235336	17.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.330	2252915	18.061 ug/ml

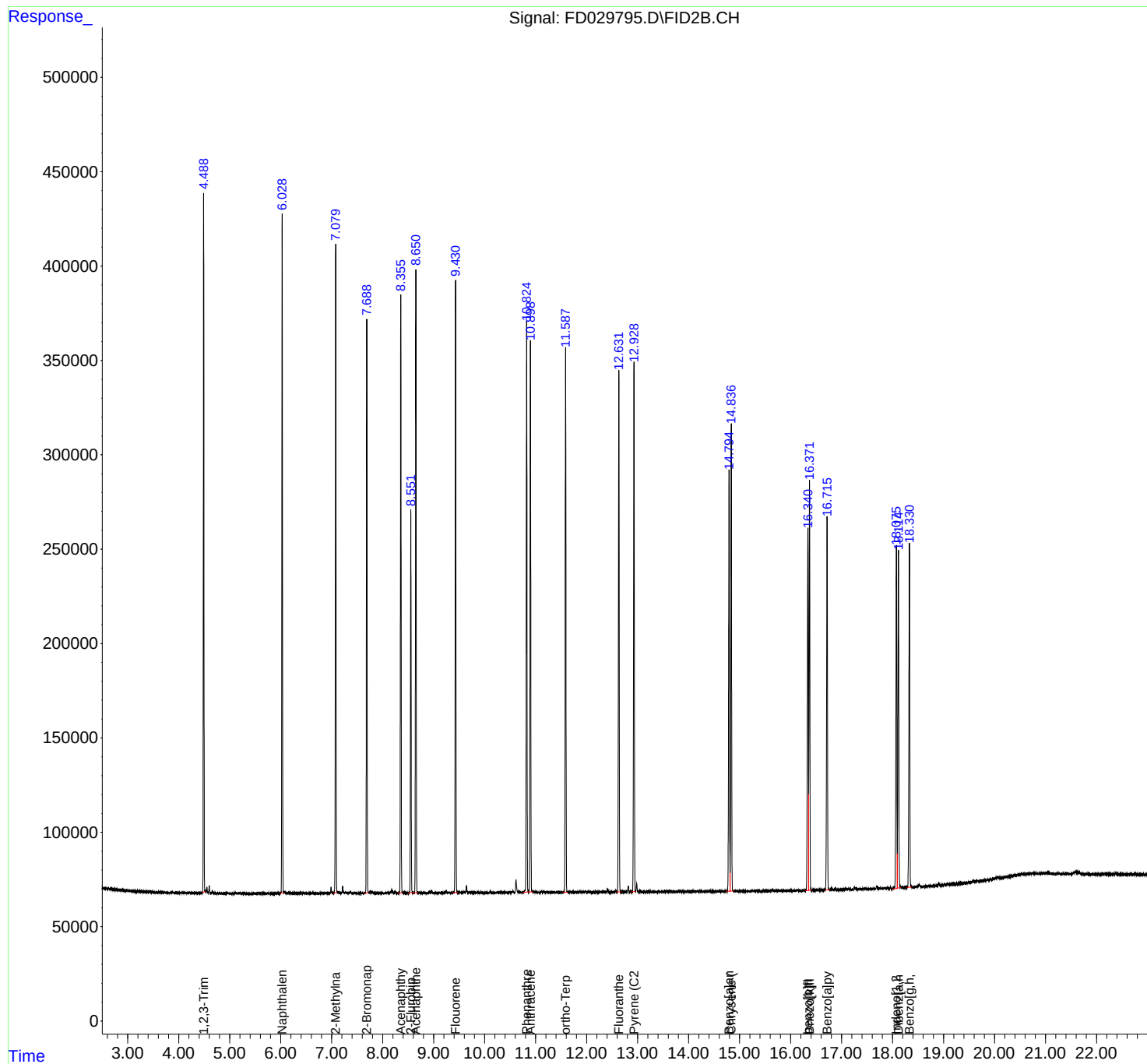
(f)=RT Delta > 1/2 Window

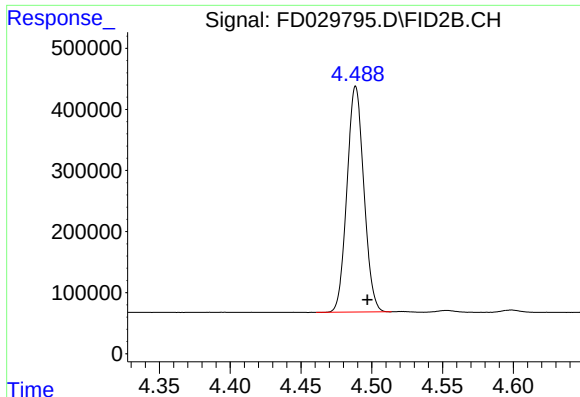
(m)=manual int.

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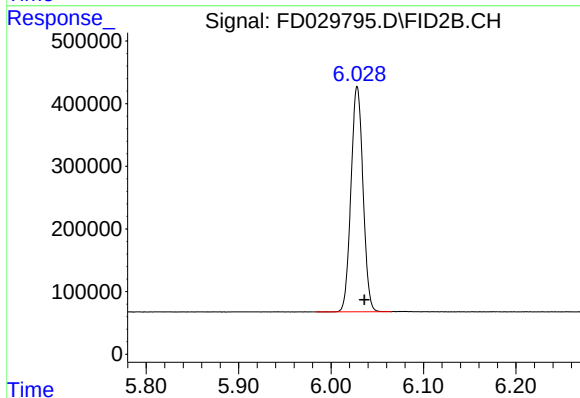
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Signal Info : 20M x 0.18mm x 0.18µm





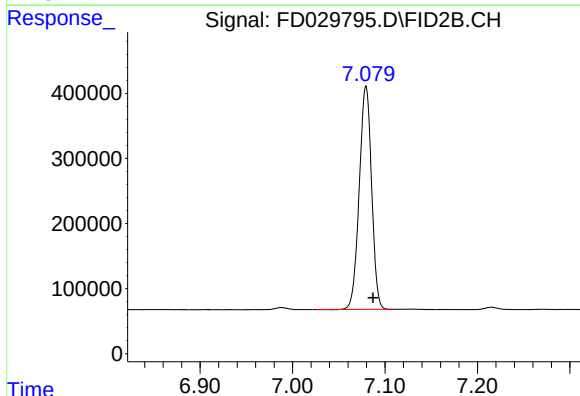
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.489 min
Delta R.T.: -0.008 min
Response: 3068180
Conc: 18.15 ug/ml



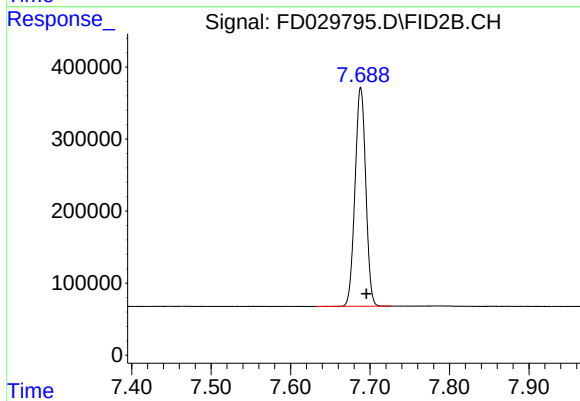
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.008 min
Response: 3242999
Conc: 18.12 ug/ml



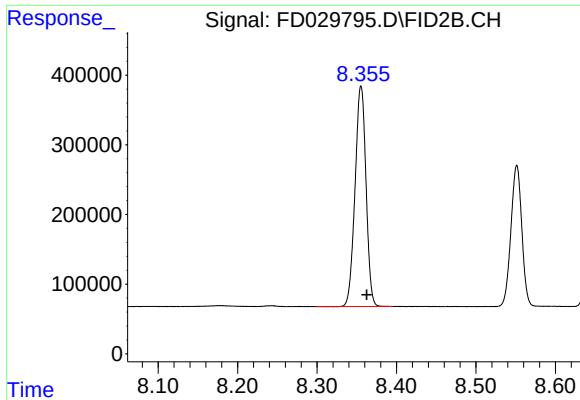
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.008 min
Response: 3181602
Conc: 18.03 ug/ml



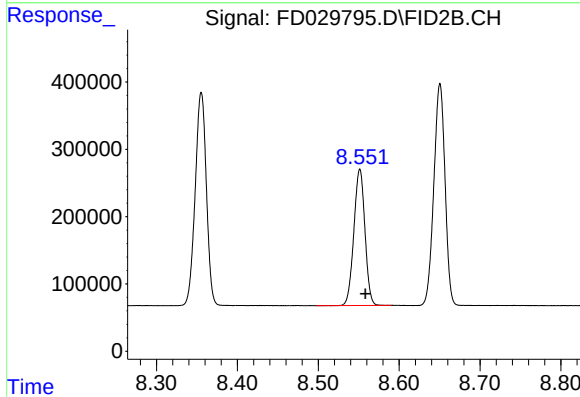
#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 2856356
Conc: 18.05 ug/ml



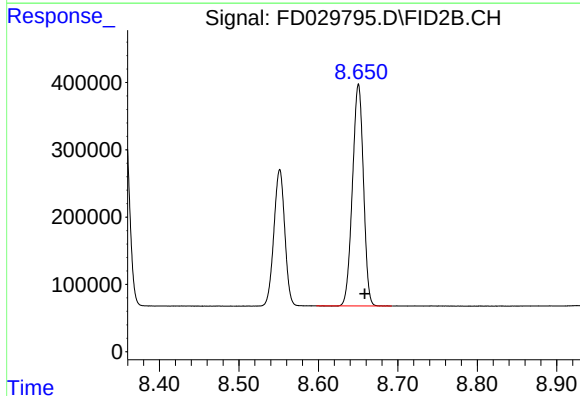
#5 Acenaphthylene (C15.06)

R.T.: 8.355 min
Delta R.T.: -0.007 min
Response: 3035193
Conc: 17.93 ug/ml



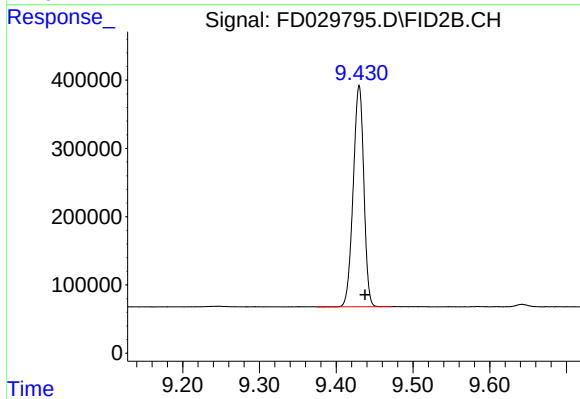
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.007 min
Response: 1925412
Conc: 17.92 ug/ml



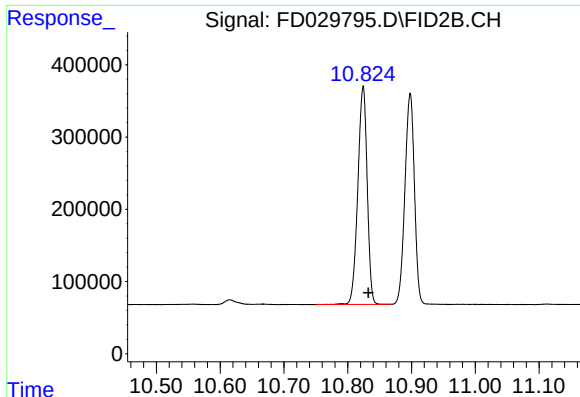
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.008 min
Response: 3166791
Conc: 17.97 ug/ml



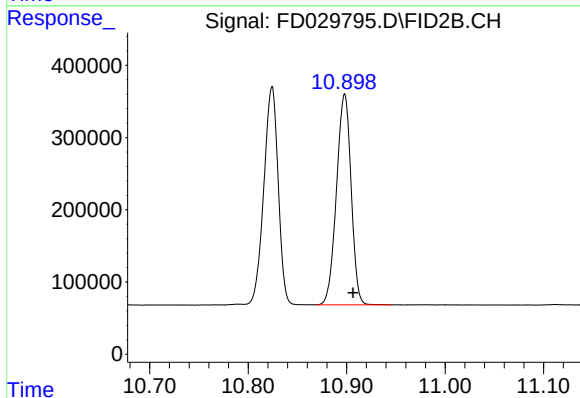
#8 Fluorene (C16.55)

R.T.: 9.430 min
Delta R.T.: -0.008 min
Response: 3120093
Conc: 17.86 ug/ml



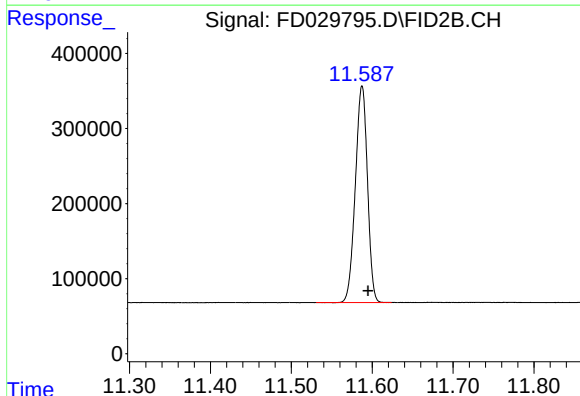
#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: -0.008 min
Response: 3069733
Conc: 17.70 ug/ml



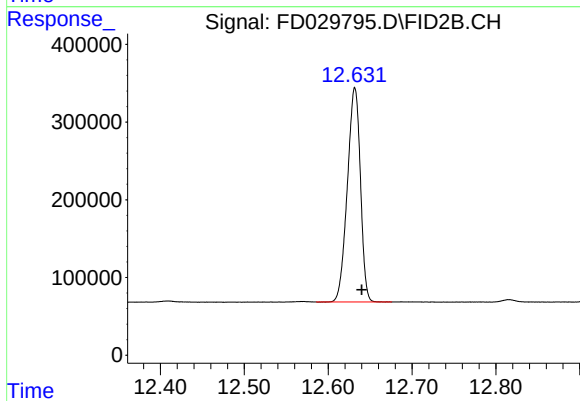
#10 Anthracene (C19.43)

R.T.: 10.898 min
Delta R.T.: -0.008 min
Response: 3013080
Conc: 17.82 ug/ml



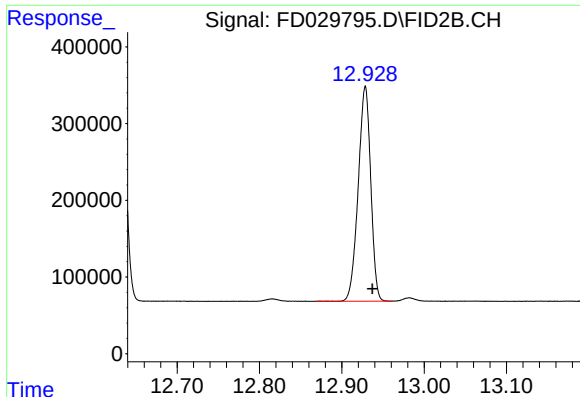
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.007 min
Response: 3001066
Conc: 17.68 ug/ml



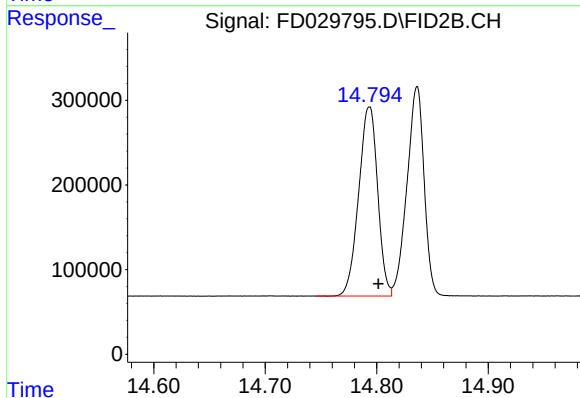
#12 Fluoranthene (C21.85)

R.T.: 12.632 min
Delta R.T.: -0.008 min
Response: 2984725
Conc: 17.43 ug/ml



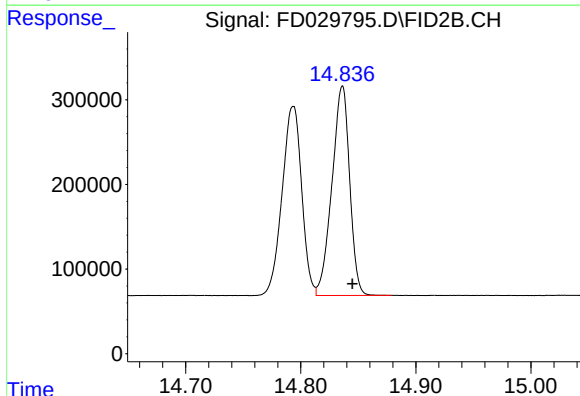
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: -0.009 min
Response: 2957427
Conc: 17.39 ug/ml



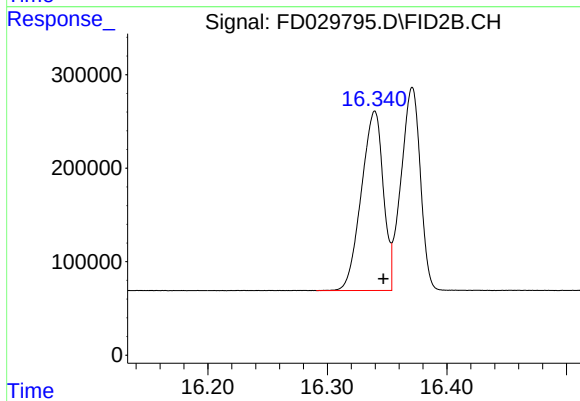
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: -0.008 min
Response: 2643399
Conc: 16.96 ug/ml



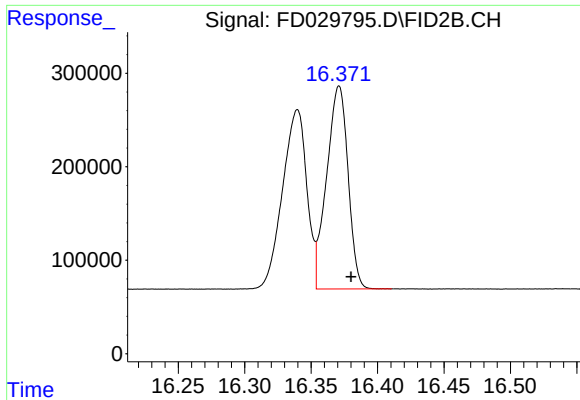
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: -0.009 min
Response: 2643801
Conc: 16.96 ug/ml



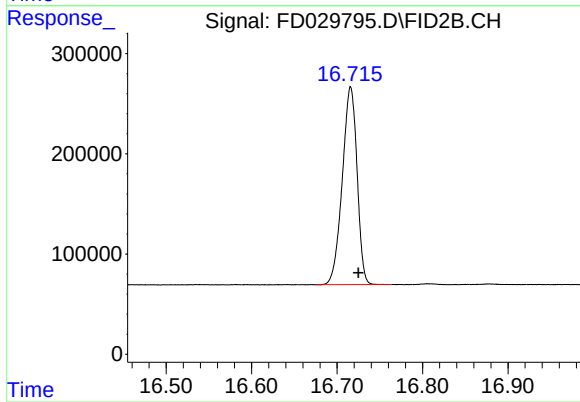
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.340 min
Delta R.T.: -0.007 min
Response: 2447747
Conc: 16.76 ug/ml



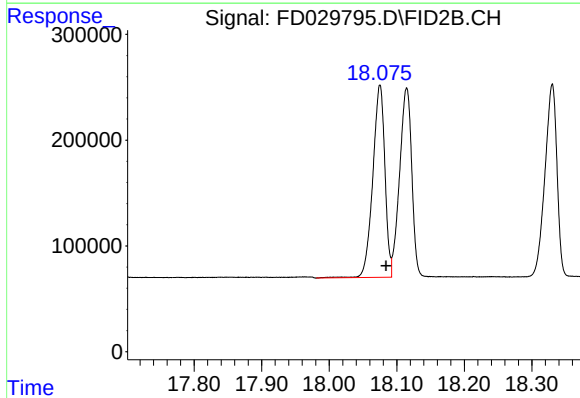
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.371 min
Delta R.T.: -0.009 min
Response: 2437145
Conc: 16.85 ug/ml



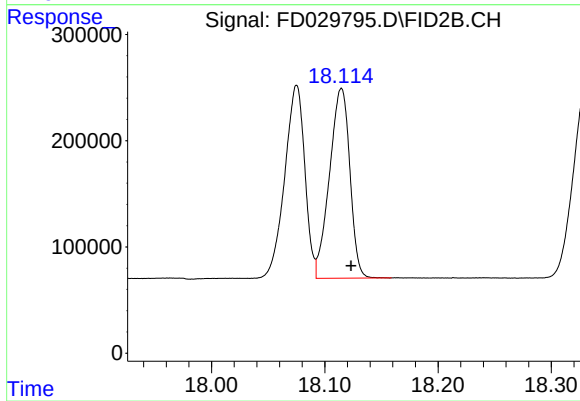
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: -0.009 min
Response: 2370165
Conc: 16.90 ug/ml



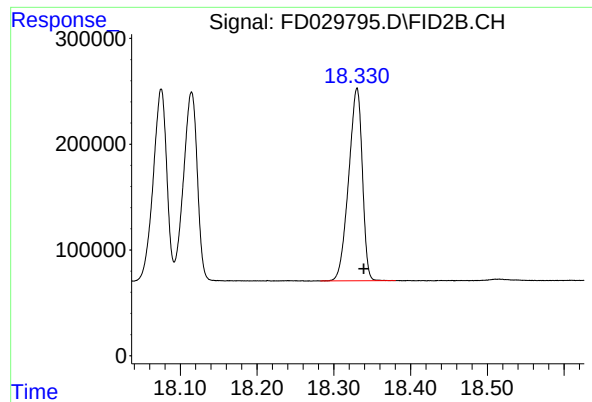
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.075 min
Delta R.T.: -0.009 min
Response: 2266229
Conc: 17.79 ug/ml



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

R.T.: 18.115 min
Delta R.T.: -0.009 min
Response: 2235336
Conc: 17.87 ug/ml



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

R.T.: 18.330 min
Delta R.T.: -0.009 min
Response: 2252915
Conc: 18.06 ug/ml