

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070319AR\
 Data File : FD029686.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jul 2019 12:26
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 13:06:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 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...	7.701	2489287	21.425 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
6) S 2-Fluorobiphenyl (SURR)	8.564	1637956	20.664 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.33%
11) S ortho-Terphenyl (SURR)	11.601	2522509	19.657 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	2784502	22.792 ug/ml
2) T Naphthalene (C11.7)	6.042	2881927	22.114 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	2793555	21.641 ug/ml
5) T Acenaphthylene (C15.06)	8.369	2600786	20.571 ug/ml
7) T Acenaphthene (C15.5)	8.664	2712776	20.790 ug/ml
8) T Flouorene (C16.55)	9.443	2635330	20.253 ug/ml
9) T Phenanthrene (C19.36)	10.838	2555007	19.472 ug/ml
10) T Anthracene (C19.43)	10.912	2474078	19.143 ug/ml
12) T Fluoranthene (C21.85)	12.647	2510854	19.092 ug/ml
13) T Pyrene (C20.8)	12.944	2506743	19.035 ug/ml
14) T Benzo[a]anthracene (C...	14.851	2421879	19.259 ug/ml
15) T Chrysene (C27.41)	14.851	2421879	19.207 ug/ml
16) T benzo[b]fluoranthene ...	16.387	2413530	19.488 ug/ml
17) T Bnezo[k]fluoranthene ...	16.387	2413530	19.595 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.734	2416281	19.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.132	2392099	20.275 ug/ml
20) T Dibenz[a,h]anthracene...	18.132	2392099	20.665 ug/ml
21) T Benzo[g,h,i]perylene ...	18.349	2399475	20.670 ug/ml

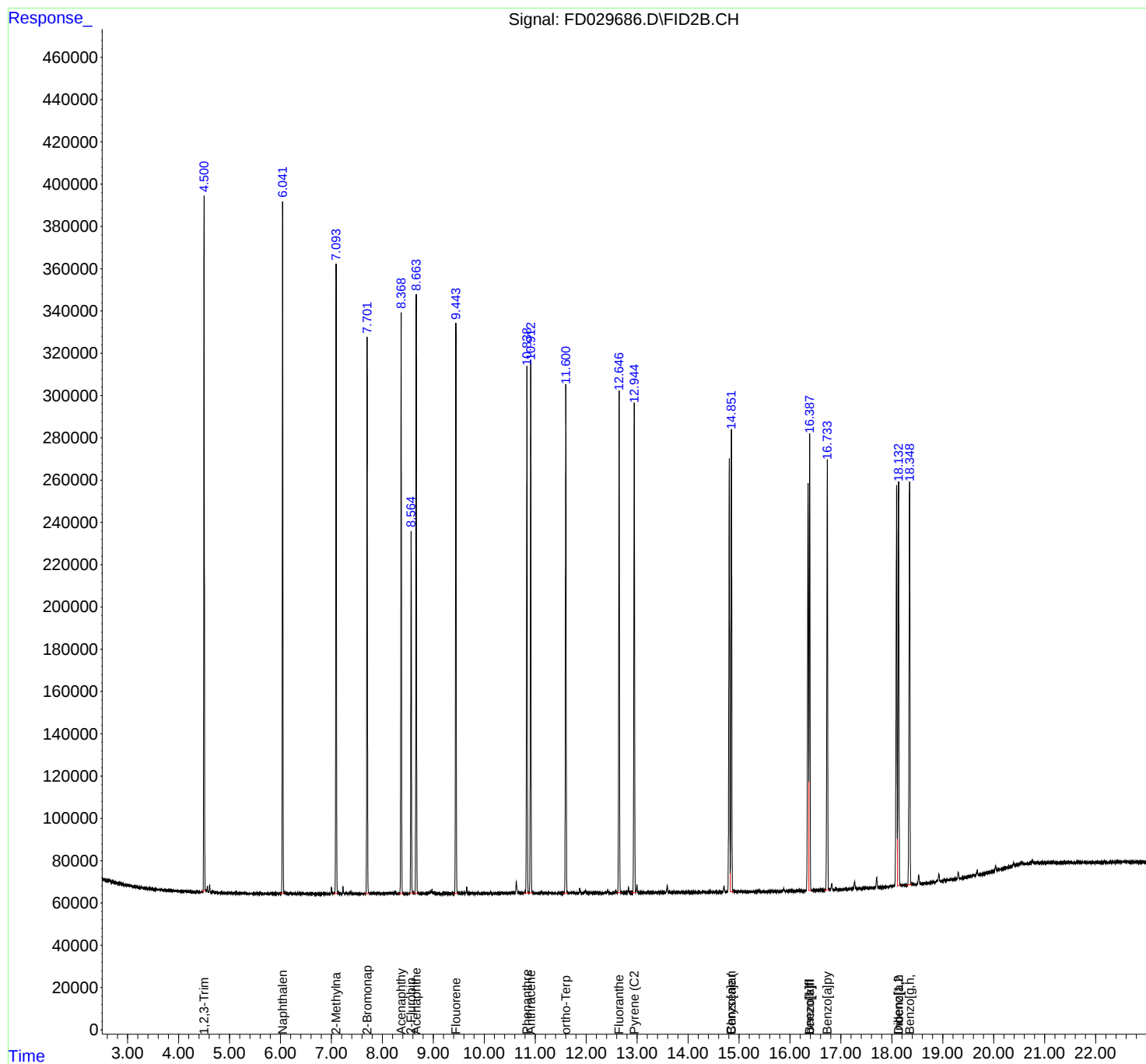
(f)=RT Delta > 1/2 Window

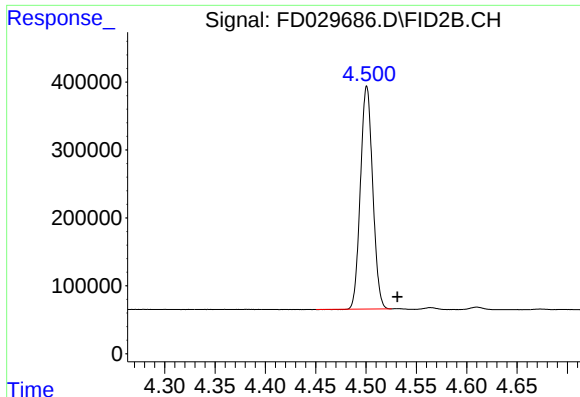
(m)=manual int.

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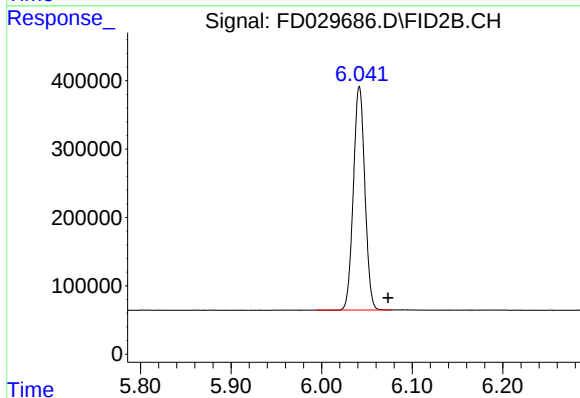
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





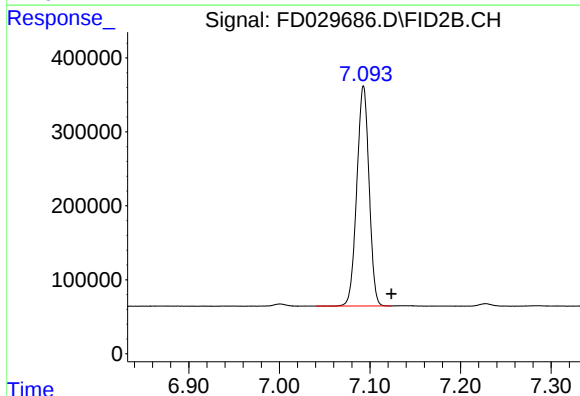
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.030 min
Response: 2784502
Conc: 22.79 ug/ml



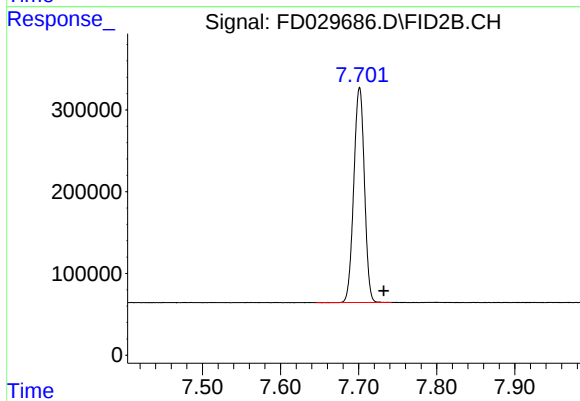
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.032 min
Response: 2881927
Conc: 22.11 ug/ml



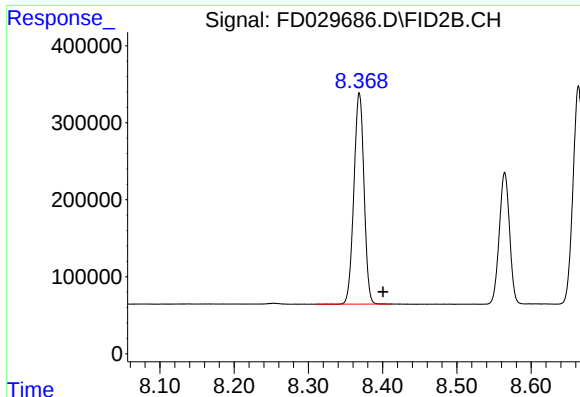
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.031 min
Response: 2793555
Conc: 21.64 ug/ml



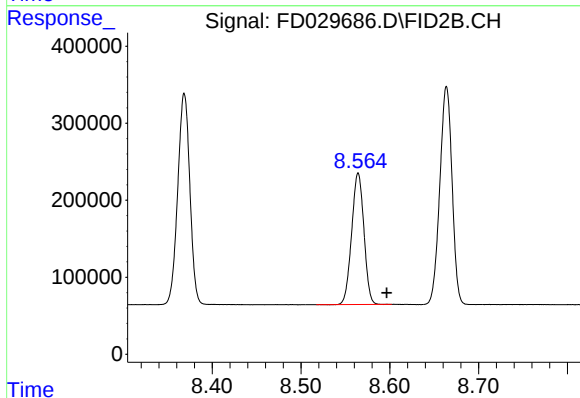
#4 2-Bromonaphthalene (SURR)

R.T.: 7.701 min
Delta R.T.: -0.031 min
Response: 2489287
Conc: 21.43 ug/ml



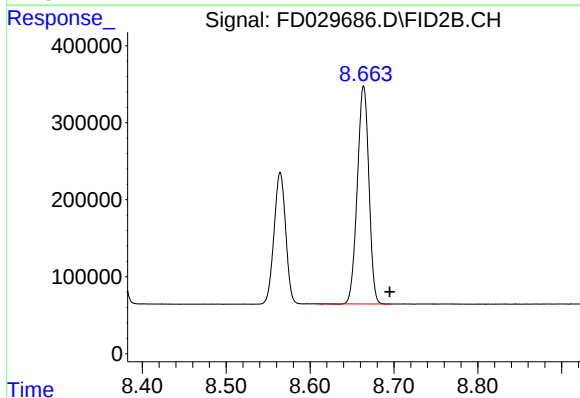
#5 Acenaphthylene (C15.06)

R.T.: 8.369 min
Delta R.T.: -0.032 min
Response: 2600786
Conc: 20.57 ug/ml



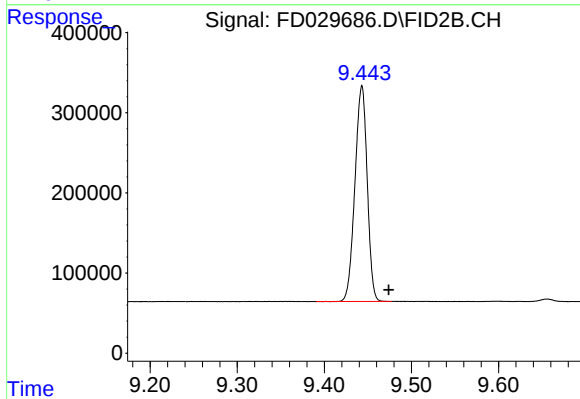
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.032 min
Response: 1637956
Conc: 20.66 ug/ml



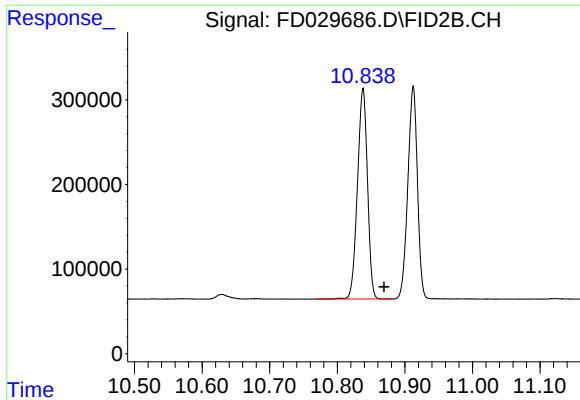
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: -0.031 min
Response: 2712776
Conc: 20.79 ug/ml



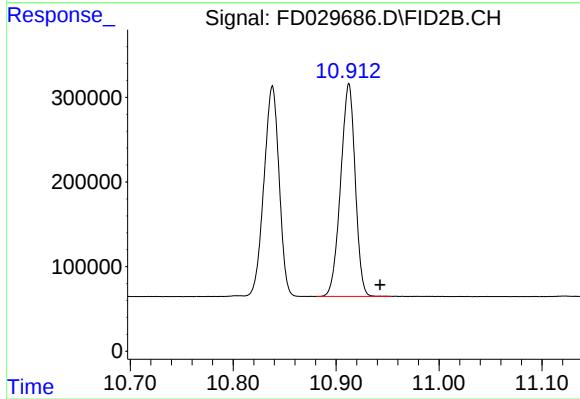
#8 Flouorene (C16.55)

R.T.: 9.443 min
Delta R.T.: -0.031 min
Response: 2635330
Conc: 20.25 ug/ml



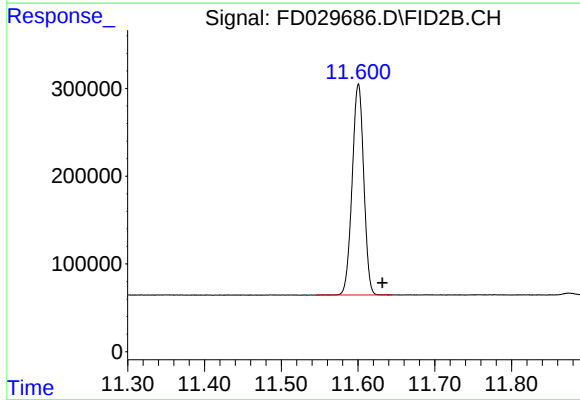
#9 Phenanthrene (C19.36)

R.T.: 10.838 min
Delta R.T.: -0.031 min
Response: 2555007
Conc: 19.47 ug/ml



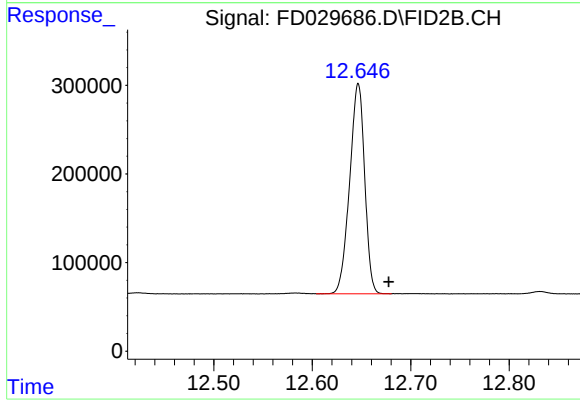
#10 Anthracene (C19.43)

R.T.: 10.912 min
Delta R.T.: -0.030 min
Response: 2474078
Conc: 19.14 ug/ml



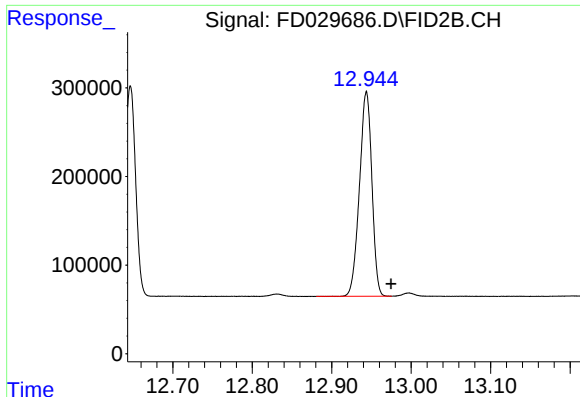
#11 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.031 min
Response: 2522509
Conc: 19.66 ug/ml



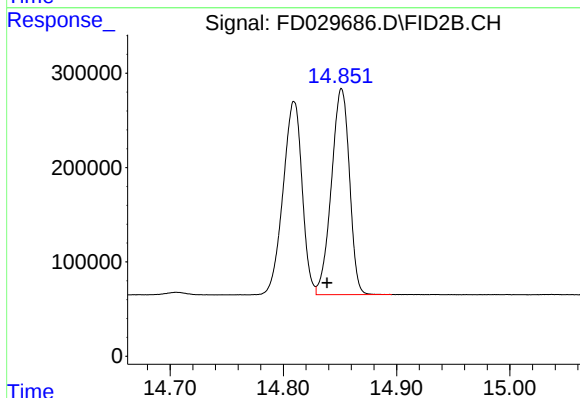
#12 Fluoranthene (C21.85)

R.T.: 12.647 min
Delta R.T.: -0.031 min
Response: 2510854
Conc: 19.09 ug/ml



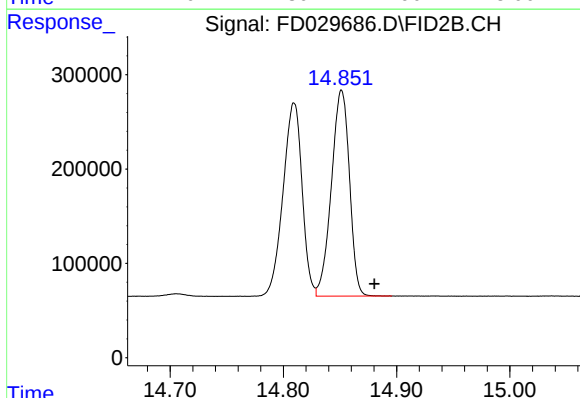
#13 Pyrene (C20.8)

R.T.: 12.944 min
Delta R.T.: -0.031 min
Response: 2506743
Conc: 19.04 ug/ml



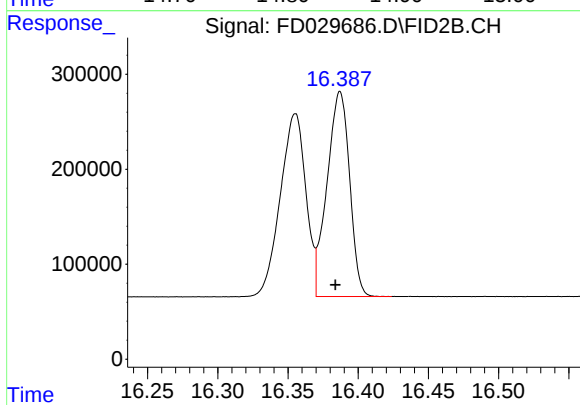
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.851 min
Delta R.T.: 0.013 min
Response: 2421879
Conc: 19.26 ug/ml



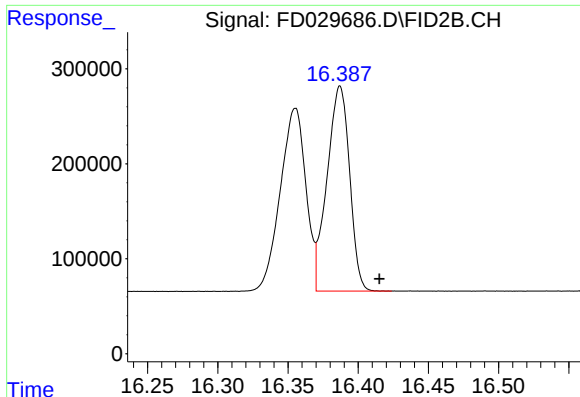
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: -0.029 min
Response: 2421879
Conc: 19.21 ug/ml



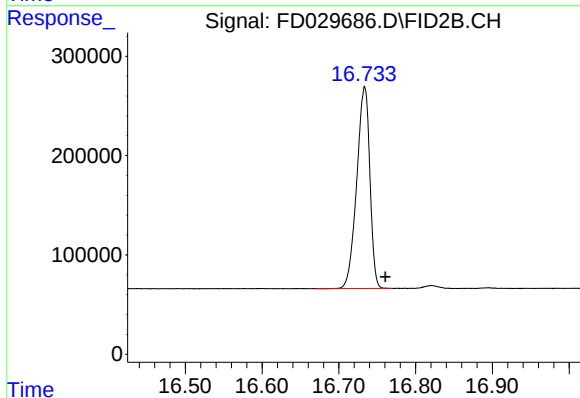
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.387 min
Delta R.T.: 0.003 min
Response: 2413530
Conc: 19.49 ug/ml



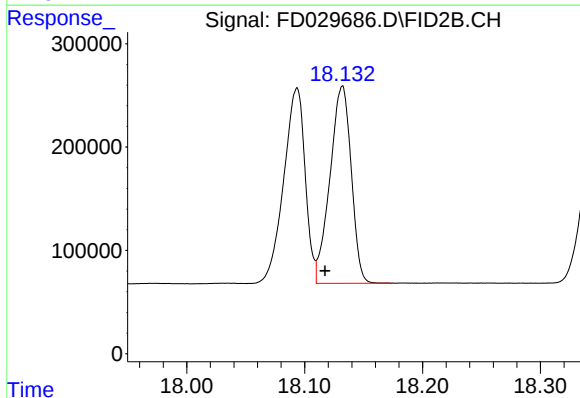
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: -0.028 min
Response: 2413530
Conc: 19.60 ug/ml



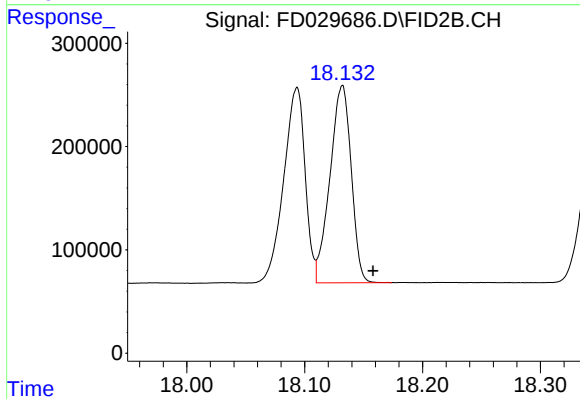
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.734 min
Delta R.T.: -0.027 min
Response: 2416281
Conc: 19.75 ug/ml



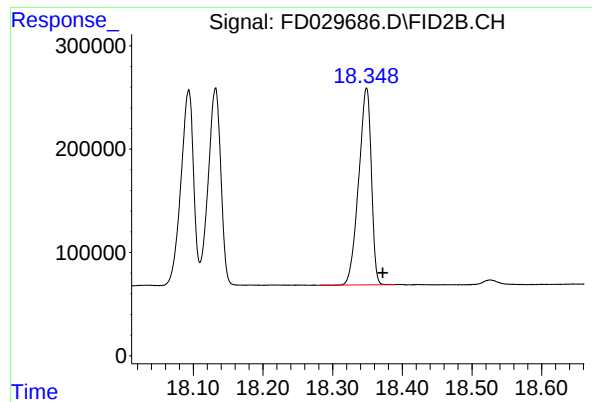
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.132 min
Delta R.T.: 0.014 min
Response: 2392099
Conc: 20.27 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.026 min
Response: 2392099
Conc: 20.66 ug/ml



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

R.T.: 18.349 min
Delta R.T.: -0.023 min
Response: 2399475
Conc: 20.67 ug/ml