

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121919AR\
 Data File : FD031846.D
 Signal(s) : FID2B.CH
 Acq On : 19 Dec 2019 22:13
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 00:24:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.641	2603952	21.052 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
6) S 2-Fluorobiphenyl (SURR)	8.502	1777175	20.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.67%
11) S ortho-Terphenyl (SURR)	11.538	2728170	20.620 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	2726253	21.573 ug/ml
2) T Naphthalene (C11.7)	5.982	2891708	21.445 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	2842374	21.121 ug/ml
5) T Acenaphthylene (C15.06)	8.306	2694434	20.671 ug/ml
7) T Acenaphthene (C15.5)	8.601	2828926	20.933 ug/ml
8) T Flouorene (C16.55)	9.379	2799085	20.810 ug/ml
9) T Phenanthrene (C19.36)	10.773	2785426	20.651 ug/ml
10) T Anthracene (C19.43)	10.847	2464930	18.479 ug/ml
12) T Fluoranthene (C21.85)	12.582	2734520	20.211 ug/ml
13) T Pyrene (C20.8)	12.878	2696672	20.120 ug/ml
14) T Benzo[a]anthracene (C...	14.788	2537175	19.916 ug/ml
15) T Chrysene (C27.41)	14.788	2537175	19.886 ug/ml
16) T benzo[b]fluoranthene ...	16.325	2466143	20.019 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2466143	20.285 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	2446568	20.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.072	2443538	21.255 ug/ml
20) T Dibenz[a,h]anthracene...	18.072	2443538	21.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	2416829	21.328 ug/ml

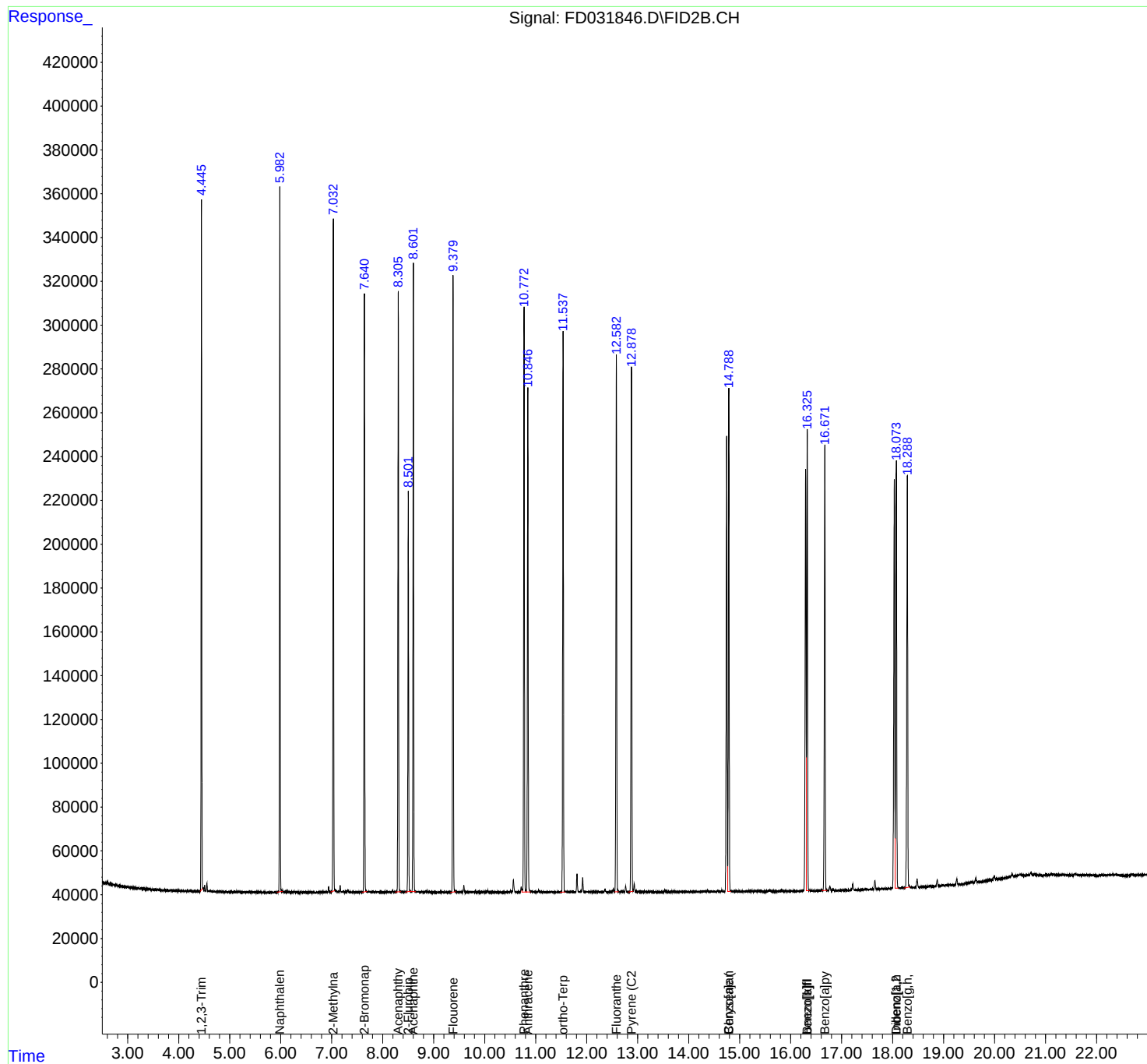
(f)=RT Delta > 1/2 Window

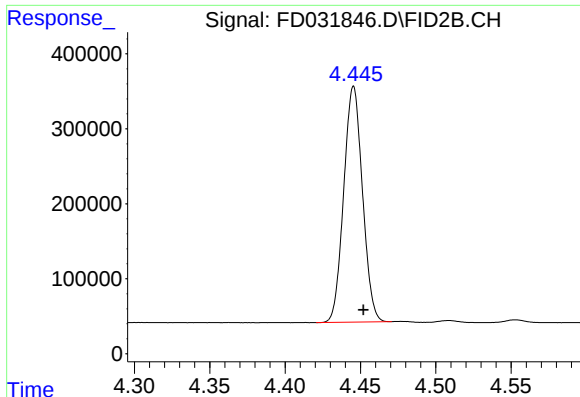
(m)=manual int.

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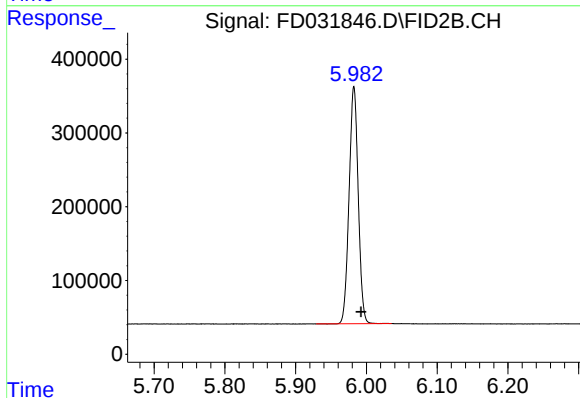
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





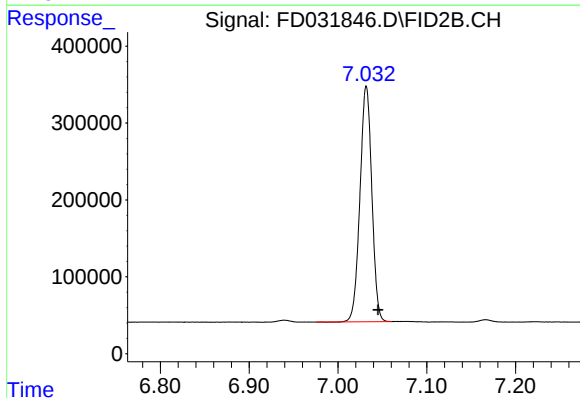
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.007 min
Response: 2726253
Conc: 21.57 ug/ml



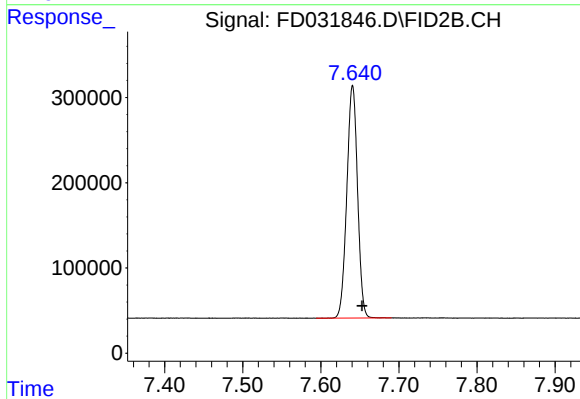
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.010 min
Response: 2891708
Conc: 21.44 ug/ml



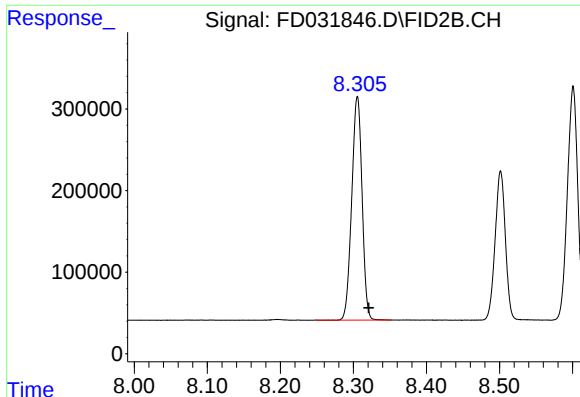
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.013 min
Response: 2842374
Conc: 21.12 ug/ml



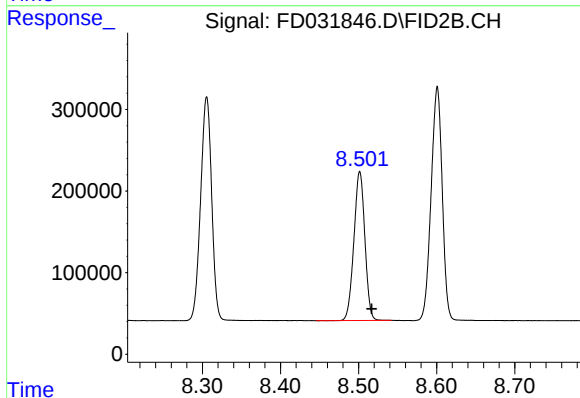
#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.012 min
Response: 2603952
Conc: 21.05 ug/ml



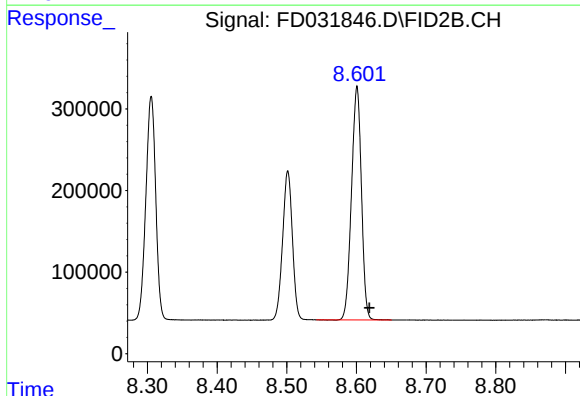
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min
Delta R.T.: -0.015 min
Response: 2694434
Conc: 20.67 ug/ml



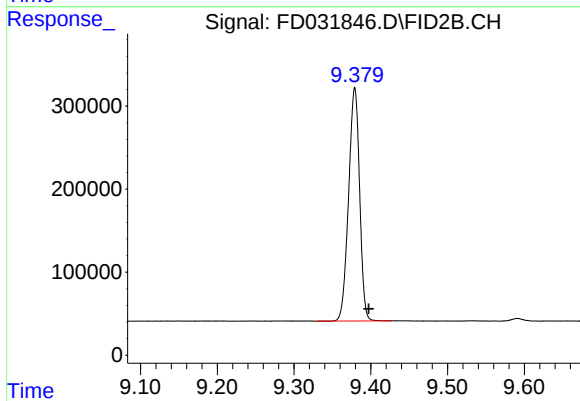
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.015 min
Response: 1777175
Conc: 20.84 ug/ml



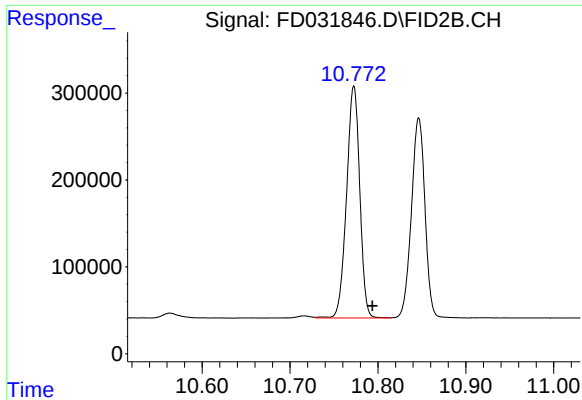
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.018 min
Response: 2828926
Conc: 20.93 ug/ml



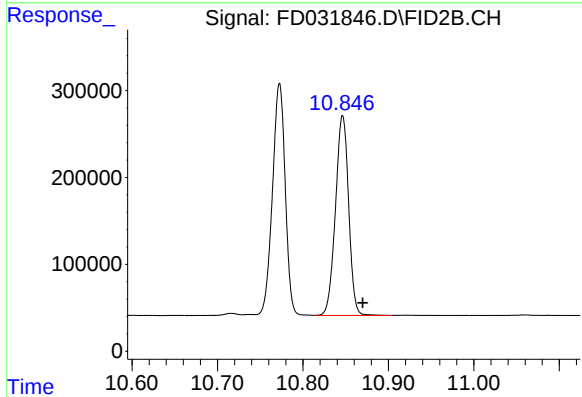
#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.018 min
Response: 2799085
Conc: 20.81 ug/ml



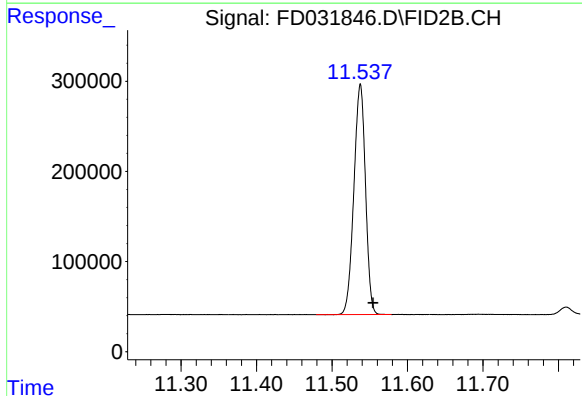
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: -0.021 min
Response: 2785426
Conc: 20.65 ug/ml



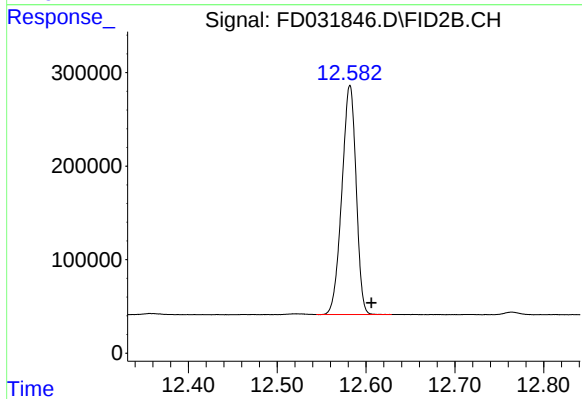
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.023 min
Response: 2464930
Conc: 18.48 ug/ml



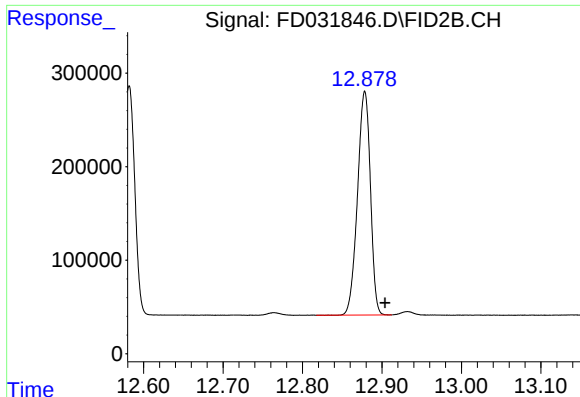
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.017 min
Response: 2728170
Conc: 20.62 ug/ml



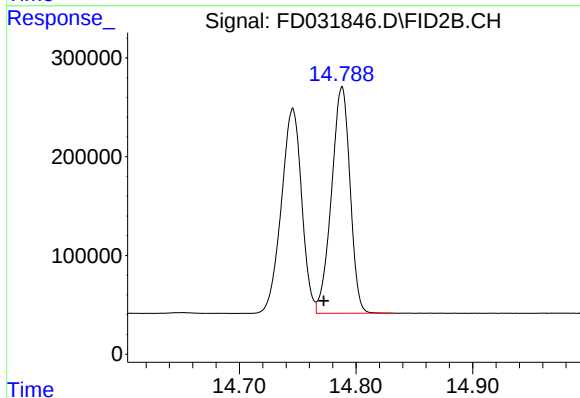
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: -0.024 min
Response: 2734520
Conc: 20.21 ug/ml



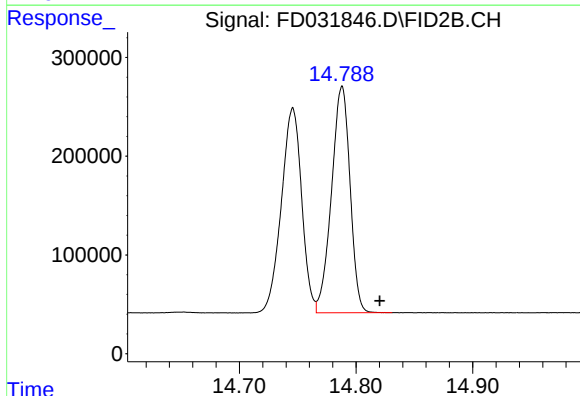
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.025 min
Response: 2696672
Conc: 20.12 ug/ml



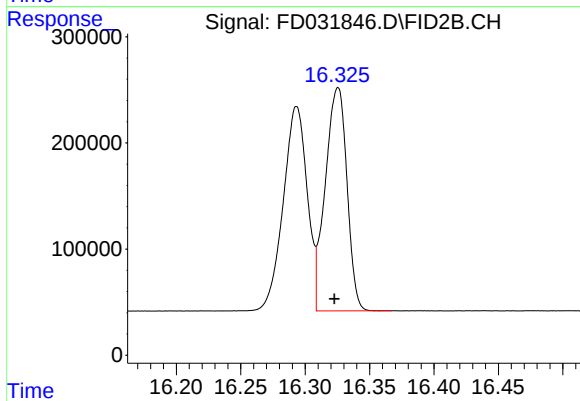
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.788 min
Delta R.T.: 0.016 min
Response: 2537175
Conc: 19.92 ug/ml



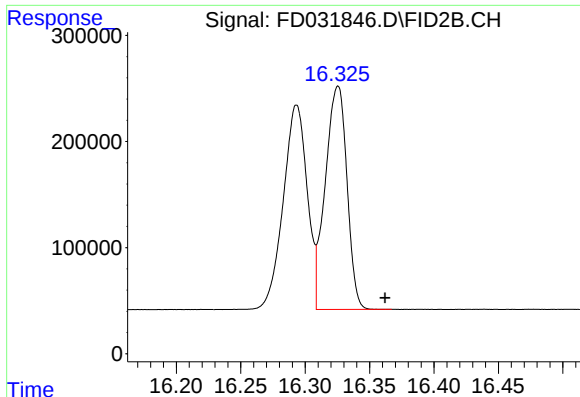
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: -0.032 min
Response: 2537175
Conc: 19.89 ug/ml



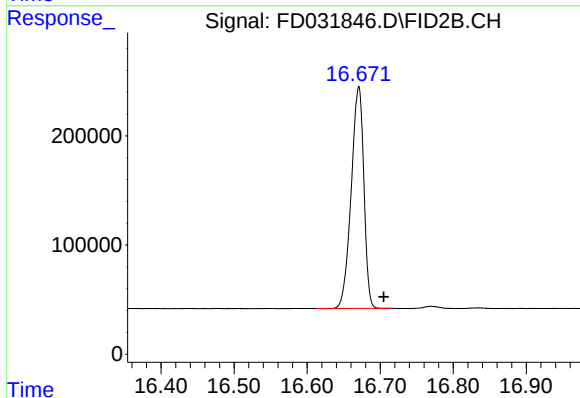
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.325 min
Delta R.T.: 0.003 min
Response: 2466143
Conc: 20.02 ug/ml



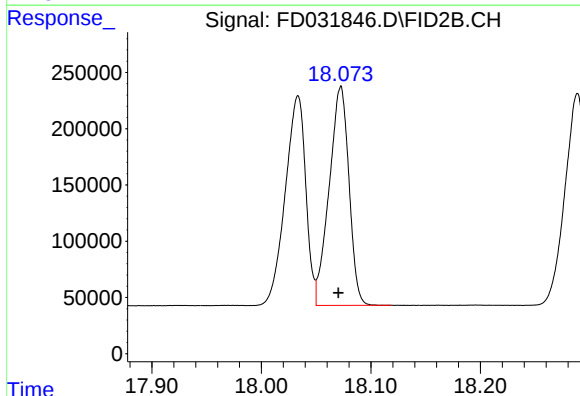
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: -0.037 min
Response: 2466143
Conc: 20.29 ug/ml



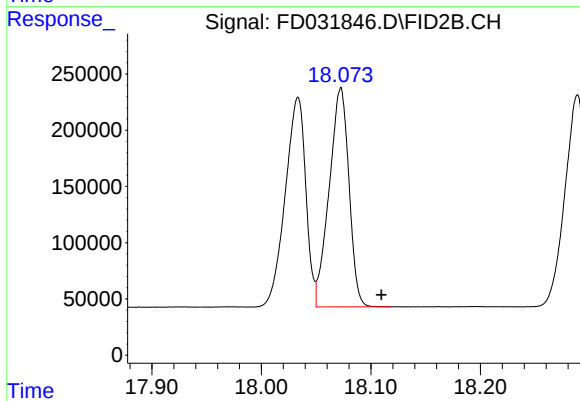
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: -0.034 min
Response: 2446568
Conc: 20.41 ug/ml



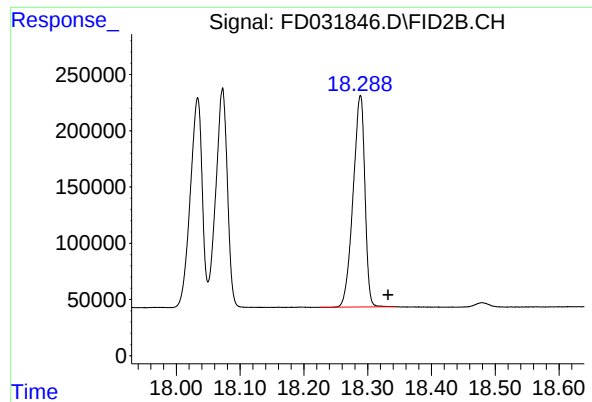
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.072 min
Delta R.T.: 0.002 min
Response: 2443538
Conc: 21.25 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.037 min
Response: 2443538
Conc: 21.65 ug/ml



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

R.T.: 18.289 min
Delta R.T.: -0.043 min
Response: 2416829
Conc: 21.33 ug/ml