

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070119AR\
 Data File : FD029649.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jul 2019 5:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 02 08:52:36 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...	7.703	2375865	20.449 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
6) S 2-Fluorobiphenyl (SURR)	8.566	1567710	19.778 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.56%
11) S ortho-Terphenyl (SURR)	11.602	2413146	18.805 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2688538	22.006 ug/ml
2) T Naphthalene (C11.7)	6.044	2753928	21.132 ug/ml
3) T 2-Methylnaphthalene (...)	7.095	2662916	20.629 ug/ml
5) T Acenaphthylene (C15.06)	8.370	2497136	19.752 ug/ml
7) T Acenaphthene (C15.5)	8.666	2599706	19.923 ug/ml
8) T Flouorene (C16.55)	9.444	2527989	19.428 ug/ml
9) T Phenanthrene (C19.36)	10.839	2457625	18.730 ug/ml
10) T Anthracene (C19.43)	10.914	2400057	18.570 ug/ml
12) T Fluoranthene (C21.85)	12.648	2398262	18.236 ug/ml
13) T Pyrene (C20.8)	12.945	2390619	18.154 ug/ml
14) T Benzo[a]anthracene (C...	14.853	2274620	18.088 ug/ml
15) T Chrysene (C27.41)	14.853	2274620	18.039 ug/ml
16) T benzo[b]fluoranthene ...	16.388	2284804	18.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	2284804	18.550 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.734	2278816	18.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2239794	18.984 ug/ml
20) T Dibenz[a,h]anthracene...	18.133	2239794	19.349 ug/ml
21) T Benzo[g,h,i]perylene ...	18.349	2269102	19.547 ug/ml

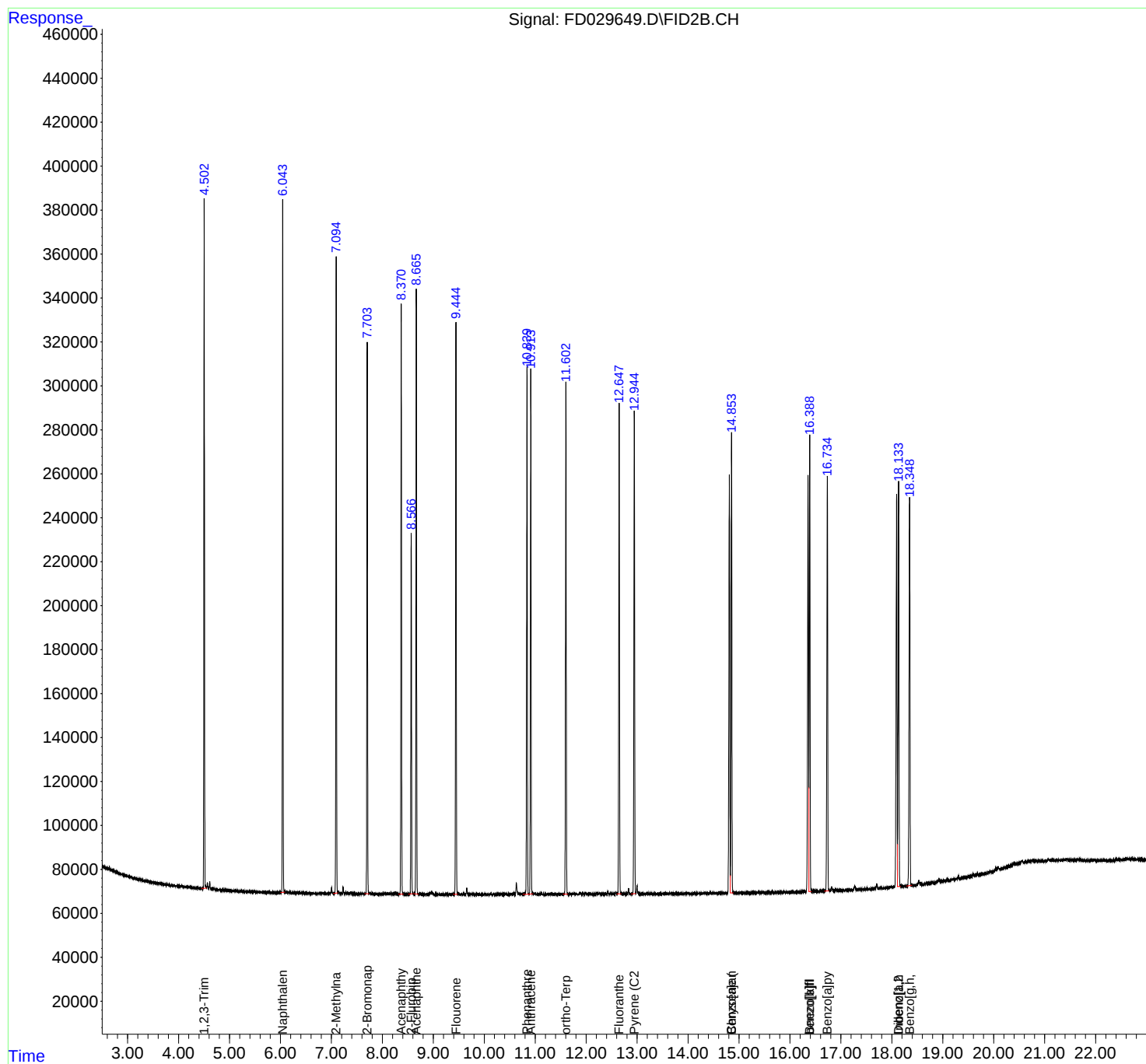
(f)=RT Delta > 1/2 Window

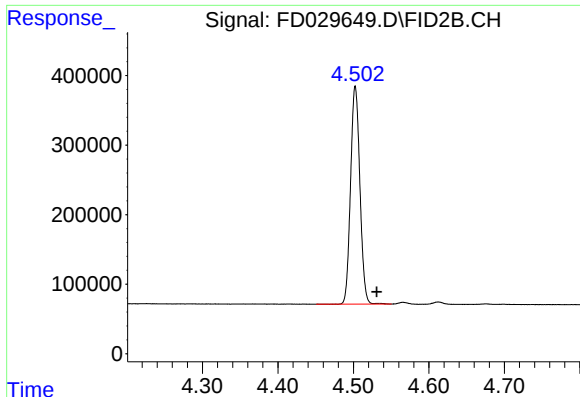
(m)=manual int.

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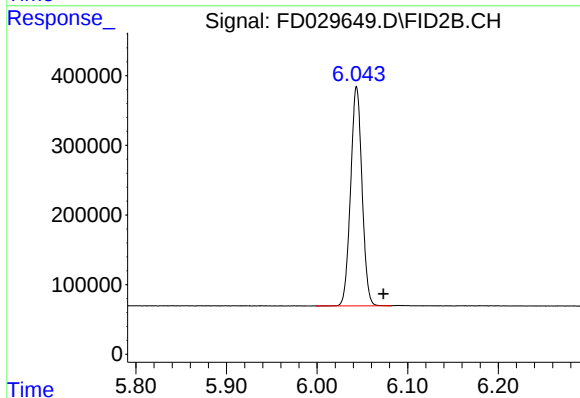
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Signal Info : 20M x 0.18mm x 0.18µm





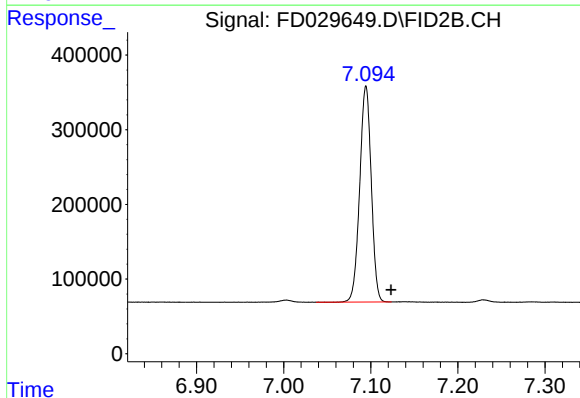
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.028 min
Response: 2688538
Conc: 22.01 ug/ml



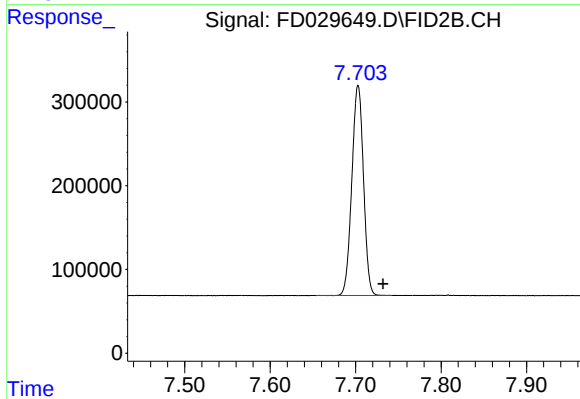
#2 Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.030 min
Response: 2753928
Conc: 21.13 ug/ml



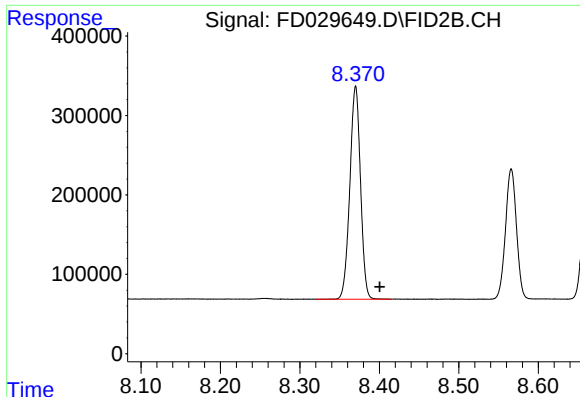
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.029 min
Response: 2662916
Conc: 20.63 ug/ml



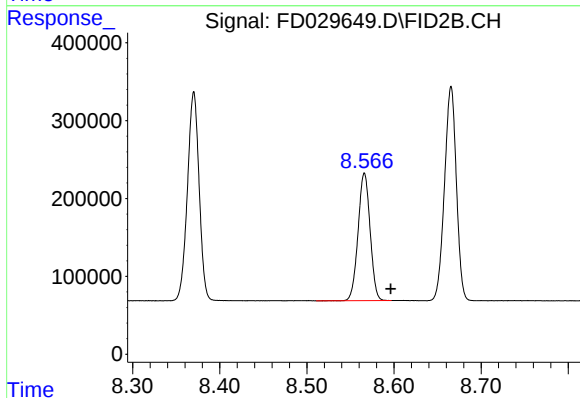
#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: -0.029 min
Response: 2375865
Conc: 20.45 ug/ml



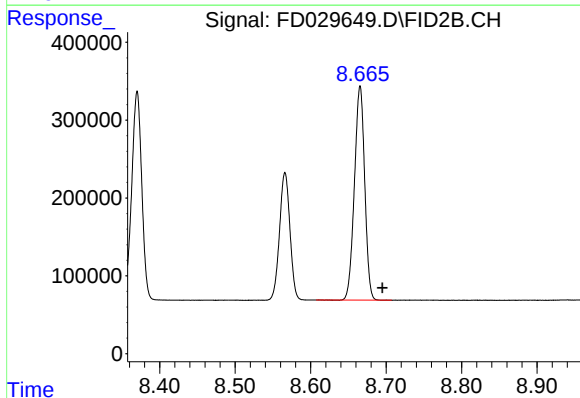
#5 Acenaphthylene (C15.06)

R.T.: 8.370 min
Delta R.T.: -0.030 min
Response: 2497136
Conc: 19.75 ug/ml



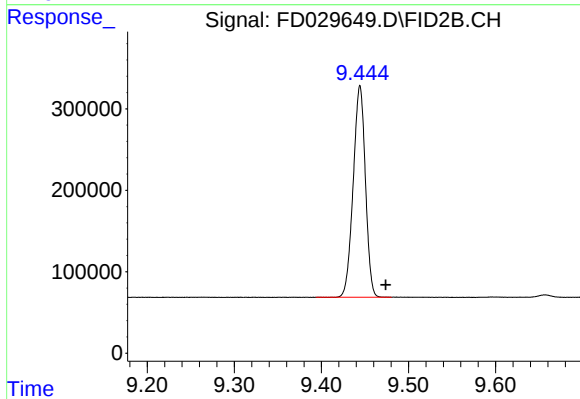
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.566 min
Delta R.T.: -0.030 min
Response: 1567710
Conc: 19.78 ug/ml



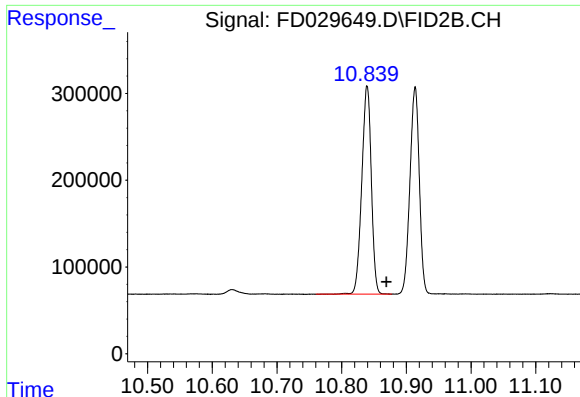
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: -0.030 min
Response: 2599706
Conc: 19.92 ug/ml



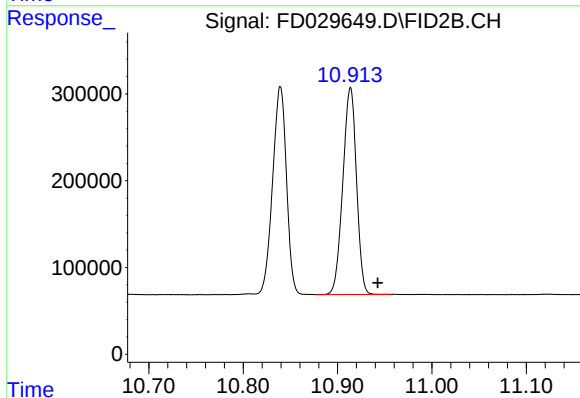
#8 Flouorene (C16.55)

R.T.: 9.444 min
Delta R.T.: -0.030 min
Response: 2527989
Conc: 19.43 ug/ml



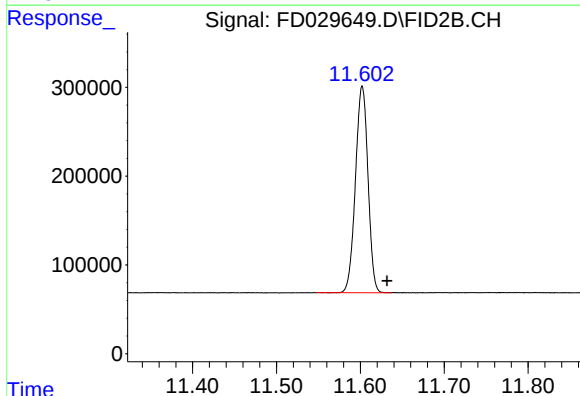
#9 Phenanthrene (C19.36)

R.T.: 10.839 min
Delta R.T.: -0.030 min
Response: 2457625
Conc: 18.73 ug/ml



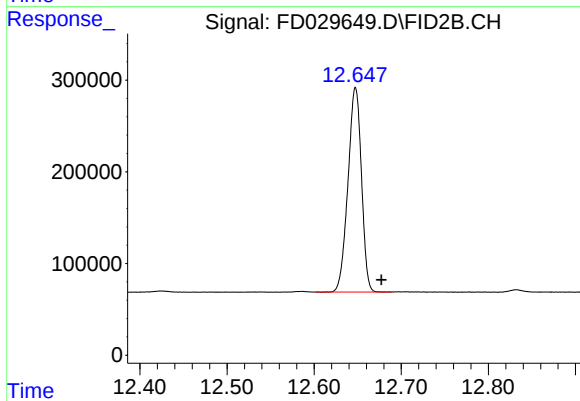
#10 Anthracene (C19.43)

R.T.: 10.914 min
Delta R.T.: -0.029 min
Response: 2400057
Conc: 18.57 ug/ml



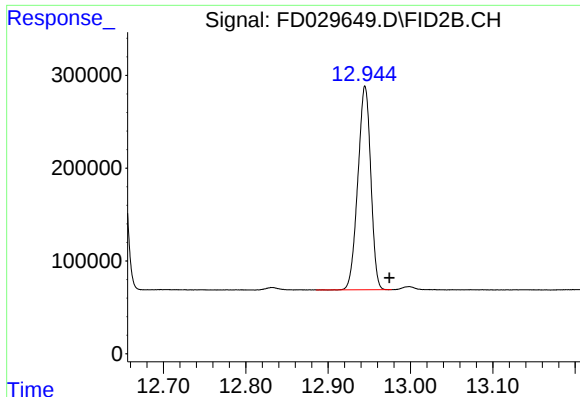
#11 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.030 min
Response: 2413146
Conc: 18.80 ug/ml



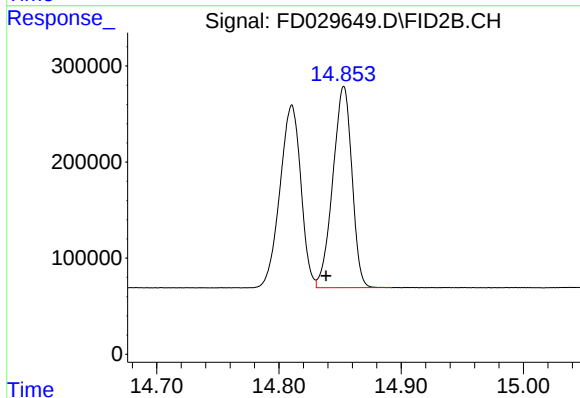
#12 Fluoranthene (C21.85)

R.T.: 12.648 min
Delta R.T.: -0.030 min
Response: 2398262
Conc: 18.24 ug/ml



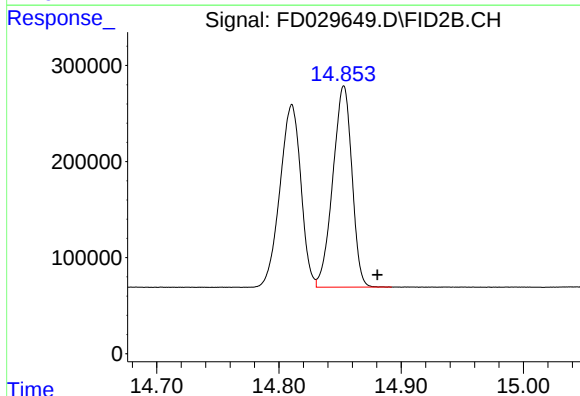
#13 Pyrene (C20.8)

R.T.: 12.945 min
Delta R.T.: -0.030 min
Response: 2390619
Conc: 18.15 ug/ml



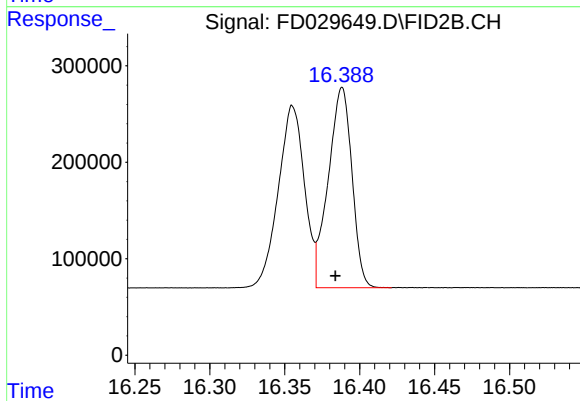
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min
Delta R.T.: 0.015 min
Response: 2274620
Conc: 18.09 ug/ml



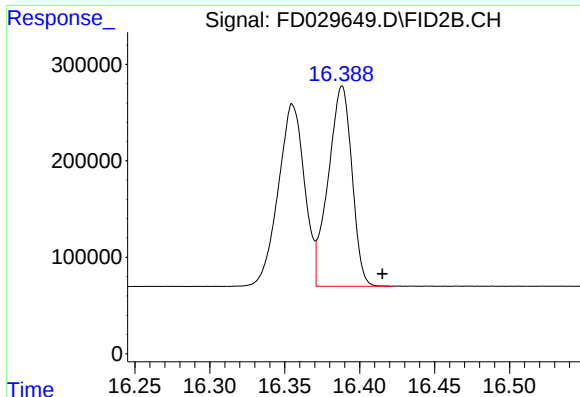
#15 Chrysene (C27.41)

R.T.: 14.853 min
Delta R.T.: -0.027 min
Response: 2274620
Conc: 18.04 ug/ml



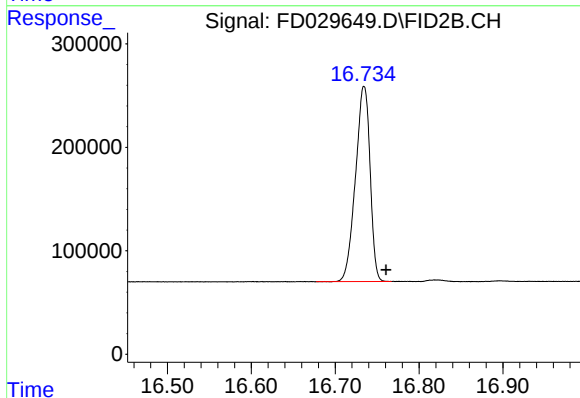
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.005 min
Response: 2284804
Conc: 18.45 ug/ml



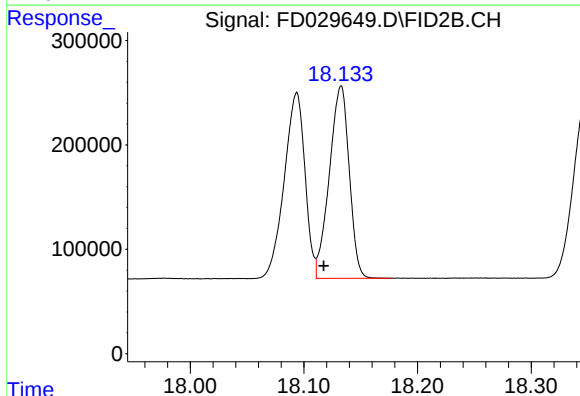
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: -0.027 min
Response: 2284804
Conc: 18.55 ug/ml



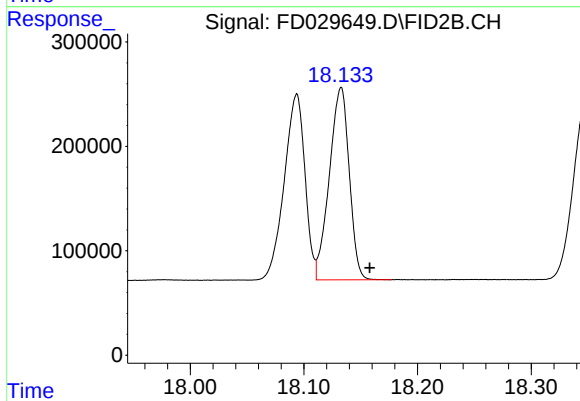
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.734 min
Delta R.T.: -0.026 min
Response: 2278816
Conc: 18.63 ug/ml



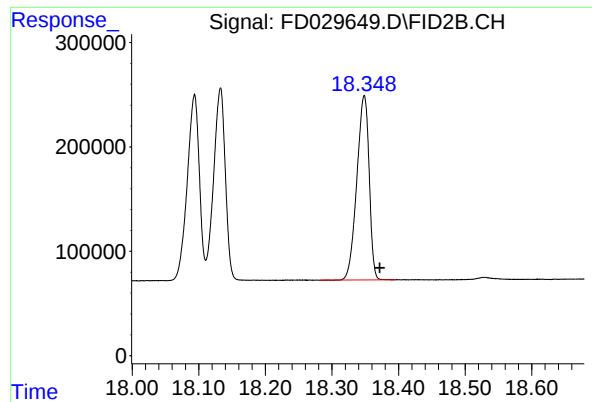
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.015 min
Response: 2239794
Conc: 18.98 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.025 min
Response: 2239794
Conc: 19.35 ug/ml



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

R.T.: 18.349 min
Delta R.T.: -0.023 min
Response: 2269102
Conc: 19.55 ug/ml