

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081820AR\
 Data File : FD034473.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2020 11:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 18 16:07:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.695	2222354	19.009 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
6) S 2-Fluorobiphenyl (SURR)	8.560	1552926	18.732 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.46%
11) S ortho-Terphenyl (SURR)	11.602	2511713	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2492925	19.558 ug/ml
2) T Naphthalene (C11.7)	6.032	2570058	19.210 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2563977	18.995 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2474878	18.700 ug/ml
7) T Acenaphthene (C15.5)	8.659	2532217	18.829 ug/ml
8) T Fluorene (C16.55)	9.440	2467296	18.563 ug/ml
9) T Phenanthrene (C19.36)	10.839	2484553	18.536 ug/ml
10) T Anthracene (C19.43)	10.913	2189974	16.500 ug/ml
12) T Fluoranthene (C21.85)	12.652	2483900	18.275 ug/ml
13) T Pyrene (C20.8)	12.951	2424603	18.208 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2382551	18.153 ug/ml
15) T Chrysene (C27.41)	14.865	2416682	18.433 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2408539	18.826 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2356785	19.028 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	2385003	19.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	2337097	19.423 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2337191	19.798 ug/ml
21) T Benzo[g,h,i]perylene ...	18.370	2345801	19.798 ug/ml

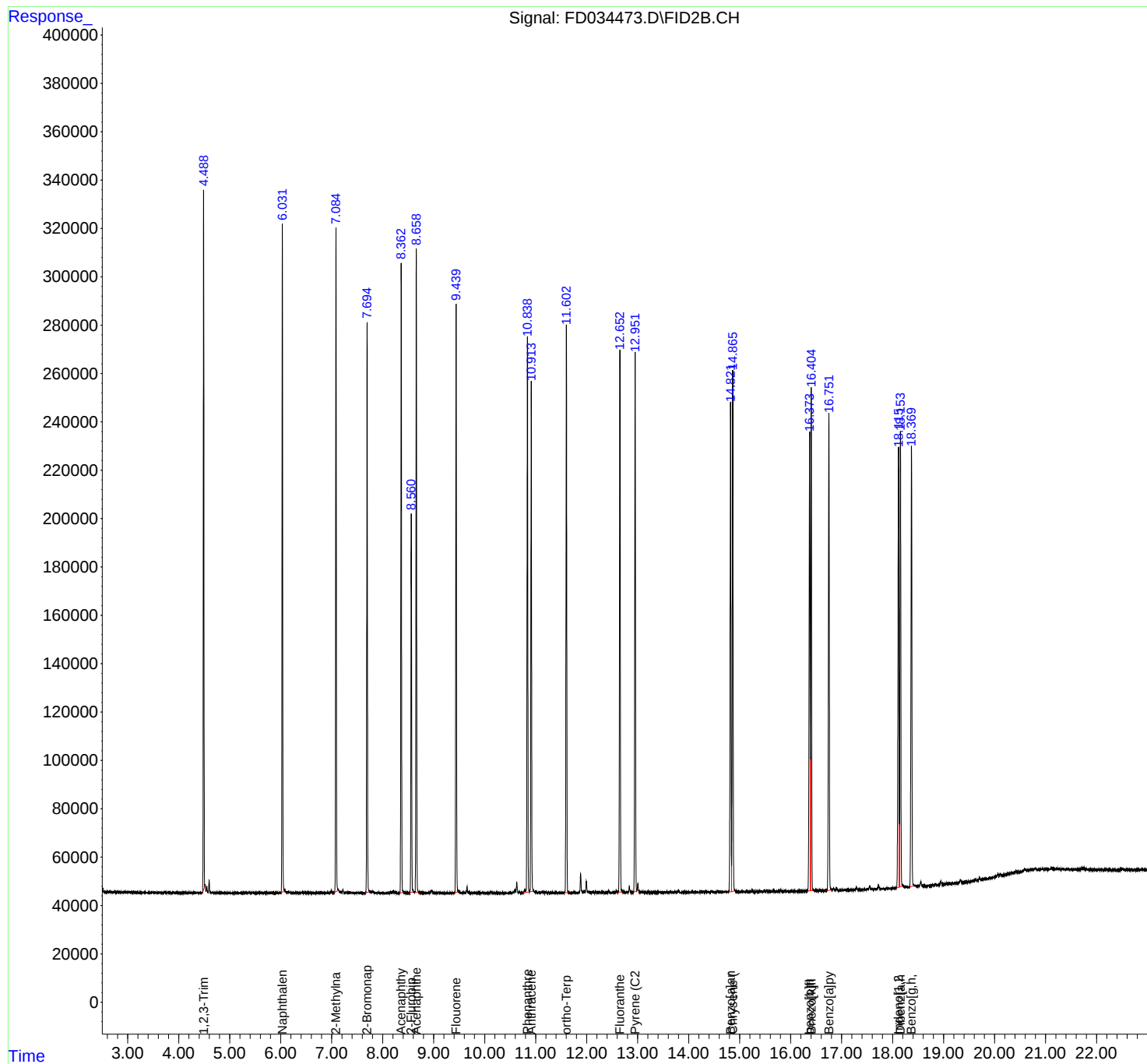
(f)=RT Delta > 1/2 Window

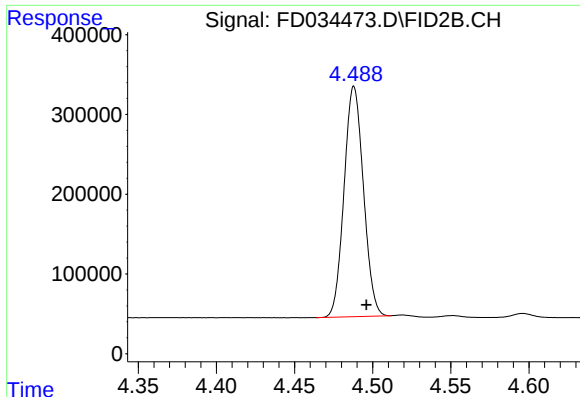
(m)=manual int.

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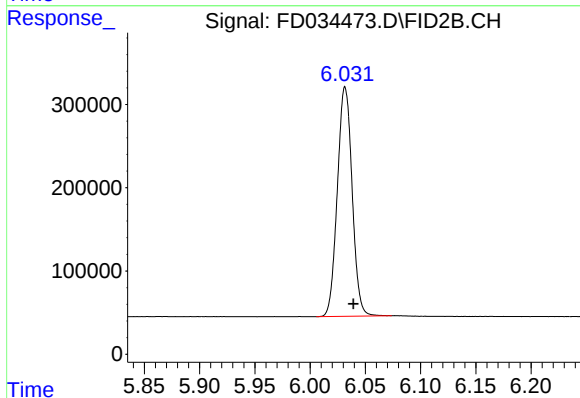
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





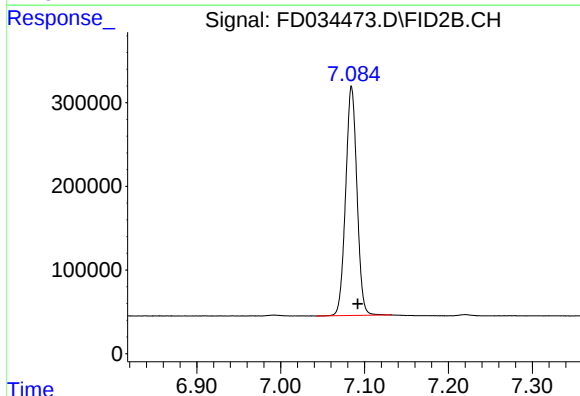
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.488 min
Delta R.T.: -0.008 min
Response: 2492925
Conc: 19.56 ug/ml



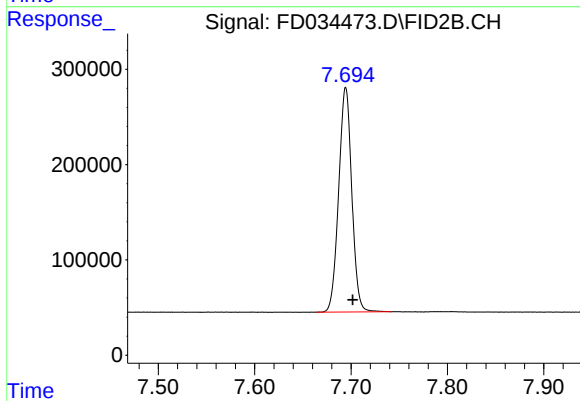
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.007 min
Response: 2570058
Conc: 19.21 ug/ml



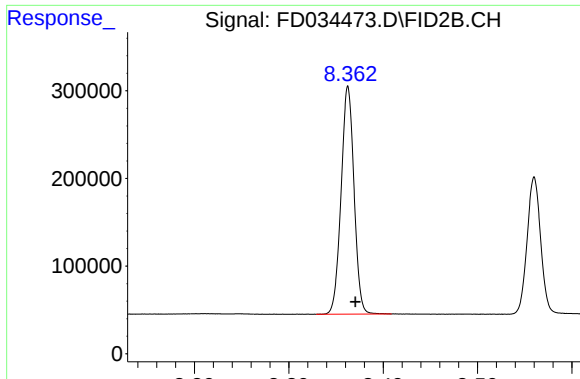
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.007 min
Response: 2563977
Conc: 19.00 ug/ml



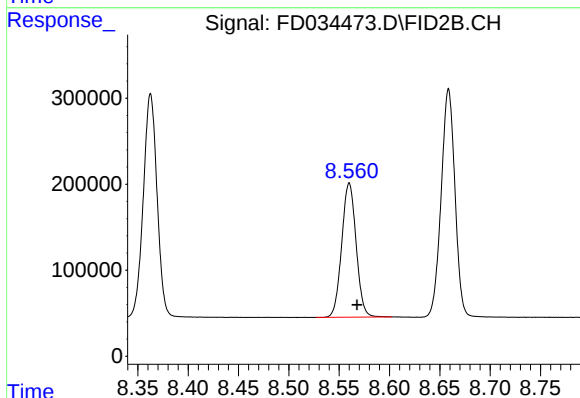
#4 2-Bromonaphthalene (SURR)

R.T.: 7.695 min
Delta R.T.: -0.007 min
Response: 2222354
Conc: 19.01 ug/ml



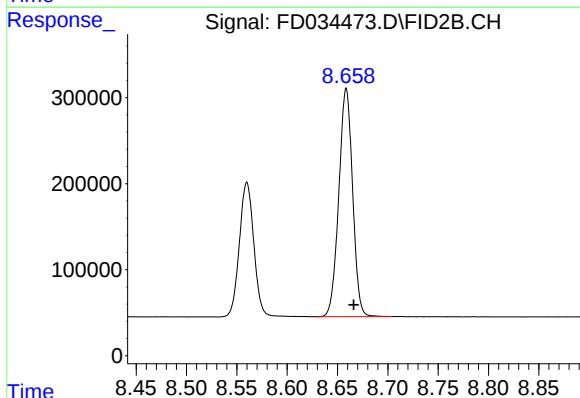
#5 Acenaphthylene (C15.06)

R.T.: 8.363 min
Delta R.T.: -0.008 min
Response: 2474878
Conc: 18.70 ug/ml



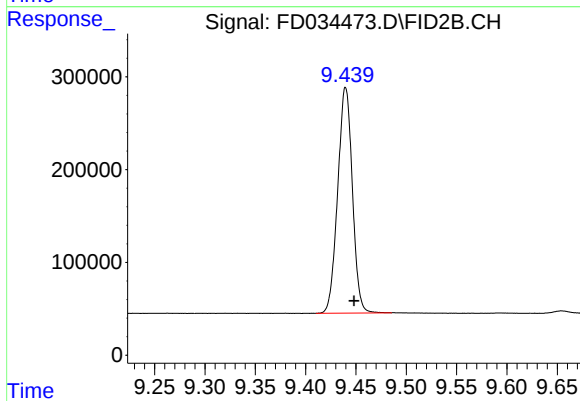
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.008 min
Response: 1552926
Conc: 18.73 ug/ml



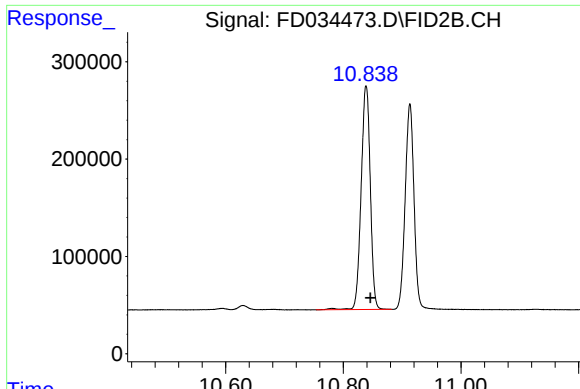
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 2532217
Conc: 18.83 ug/ml



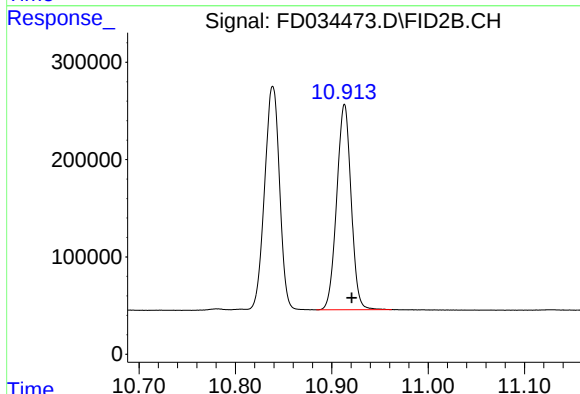
#8 Fluorene (C16.55)

R.T.: 9.440 min
Delta R.T.: -0.008 min
Response: 2467296
Conc: 18.56 ug/ml



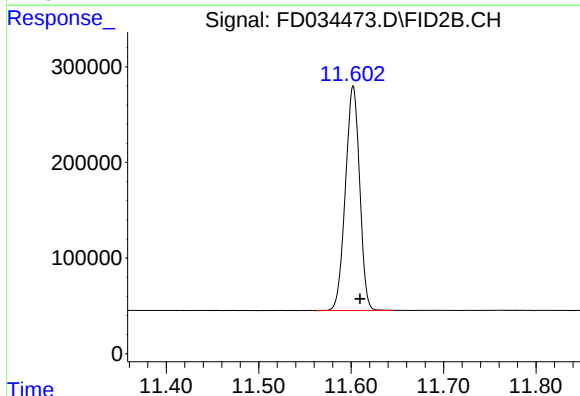
#9 Phenanthrene (C19.36)

R.T.: 10.839 min
Delta R.T.: -0.007 min
Response: 2484553
Conc: 18.54 ug/ml



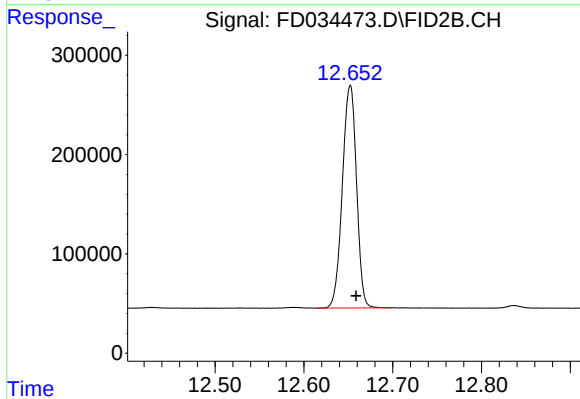
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.007 min
Response: 2189974
Conc: 16.50 ug/ml



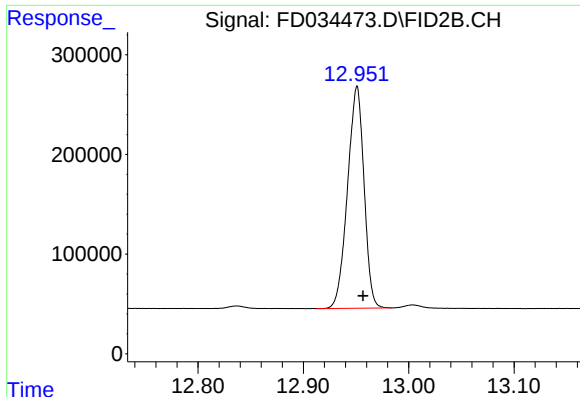
#11 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.007 min
Response: 2511713
Conc: 18.48 ug/ml



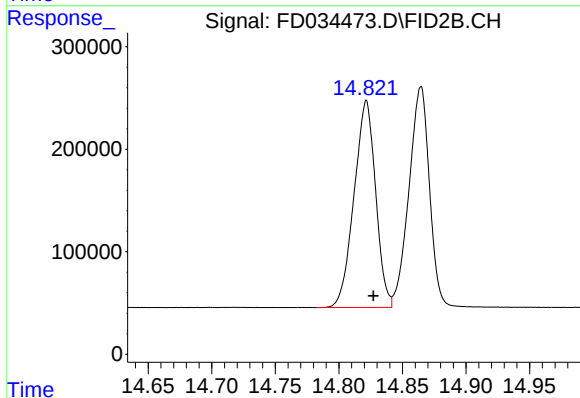
#12 Fluoranthene (C21.85)

R.T.: 12.652 min
Delta R.T.: -0.006 min
Response: 2483900
Conc: 18.28 ug/ml



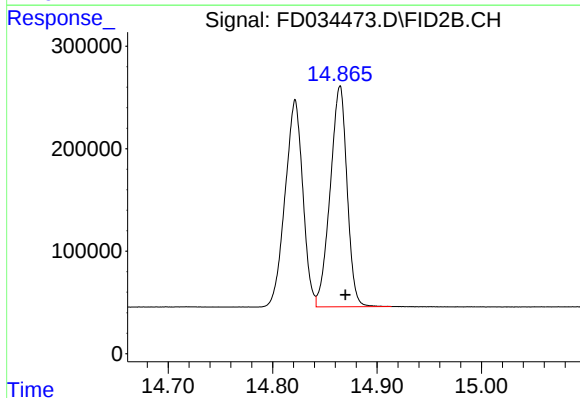
#13 Pyrene (C20.8)

R.T.: 12.951 min
Delta R.T.: -0.006 min
Response: 2424603
Conc: 18.21 ug/ml



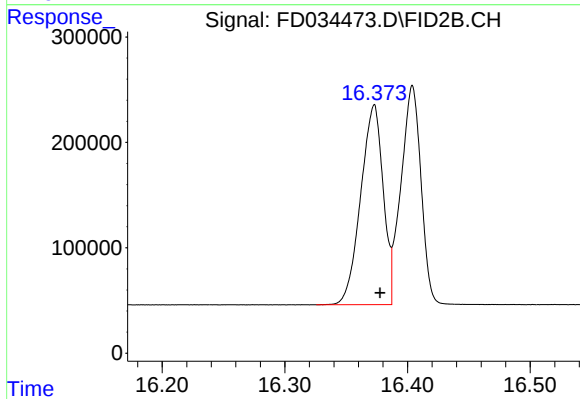
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.006 min
Response: 2382551
Conc: 18.15 ug/ml



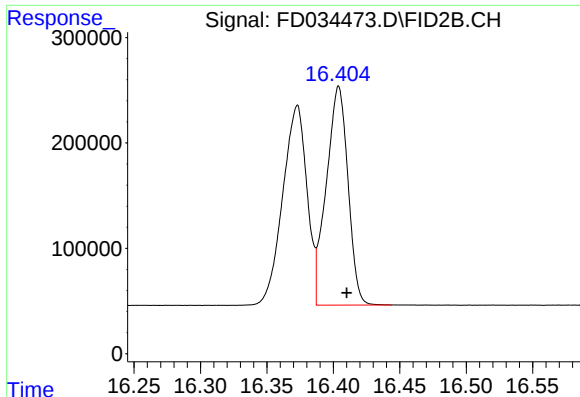
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.005 min
Response: 2416682
Conc: 18.43 ug/ml



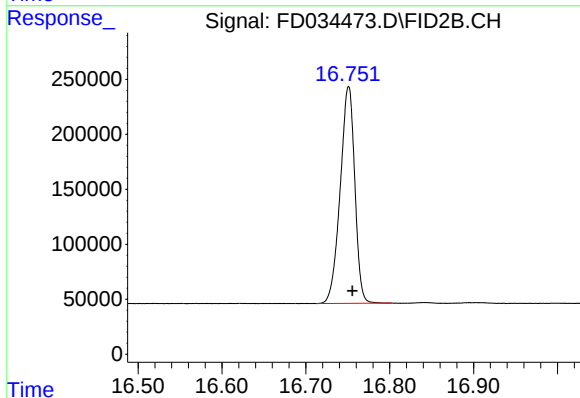
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.373 min
Delta R.T.: -0.005 min
Response: 2408539
Conc: 18.83 ug/ml



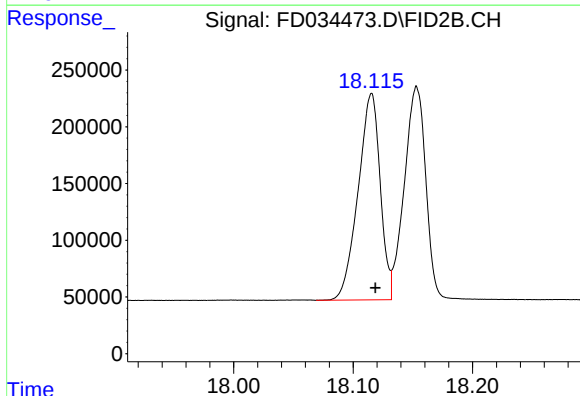
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.404 min
Delta R.T.: -0.006 min
Response: 2356785
Conc: 19.03 ug/ml



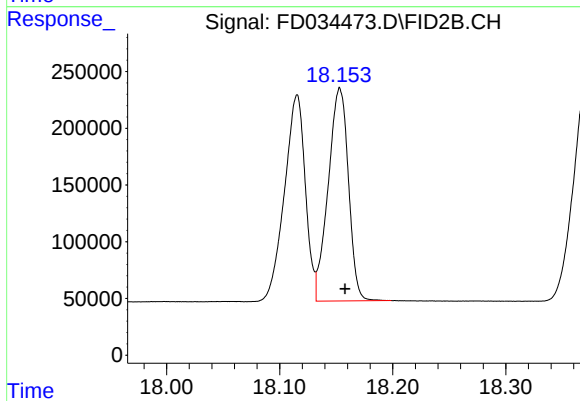
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.004 min
Response: 2385003
Conc: 19.05 ug/ml



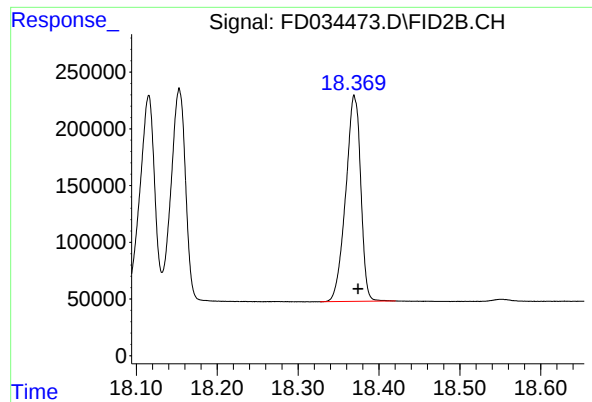
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: -0.003 min
Response: 2337097
Conc: 19.42 ug/ml



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

R.T.: 18.153 min
Delta R.T.: -0.005 min
Response: 2337191
Conc: 19.80 ug/ml



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

R.T.: 18.370 min
Delta R.T.: -0.005 min
Response: 2345801
Conc: 19.80 ug/ml