

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051619AR\
 Data File : FD029155.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2019 14:43
 Operator : EI\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 15 16:05:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 15:53:17 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...	7.749	807496	10.429 ug/ml
Spiked Amount 50.000		Recovery =	20.86%
6) S 2-Fluorobiphenyl (SURR)	8.614	554541	10.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.90%
11) S ortho-Terphenyl (SURR)	11.650	849680	10.411 ug/ml
Spiked Amount 50.000		Recovery =	20.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	906582	10.478 ug/ml
2) T Naphthalene (C11.7)	6.089	954388	10.480 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	920673	10.458 ug/ml
5) T Acenaphthylene (C15.06)	8.417	879634	10.431 ug/ml
7) T Acenaphthene (C15.5)	8.713	919004	10.464 ug/ml
8) T Fluorene (C16.55)	9.491	896503	10.387 ug/ml
9) T Phenanthrene (C19.36)	10.888	917489	10.380 ug/ml
10) T Anthracene (C19.43)	10.961	914312	10.336 ug/ml
12) T Fluoranthene (C21.85)	12.698	980268	10.252 ug/ml
13) T Pyrene (C20.8)	12.996	1008020	10.313 ug/ml
14) T Benzo[a]anthracene (C...	14.862	995754	10.113 ug/ml
15) T Chrysene (C27.41)	14.904	1011290	10.158 ug/ml
16) T benzo[b]fluoranthene ...	16.409	1031476	10.087 ug/ml
17) T Bnezo[k]fluoranthene ...	16.439	1018469	10.112 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	1012089	10.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	951988	9.931 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	891817	9.975 ug/ml
21) T Benzo[g,h,i]perylene ...	18.400	1010896	10.047 ug/ml

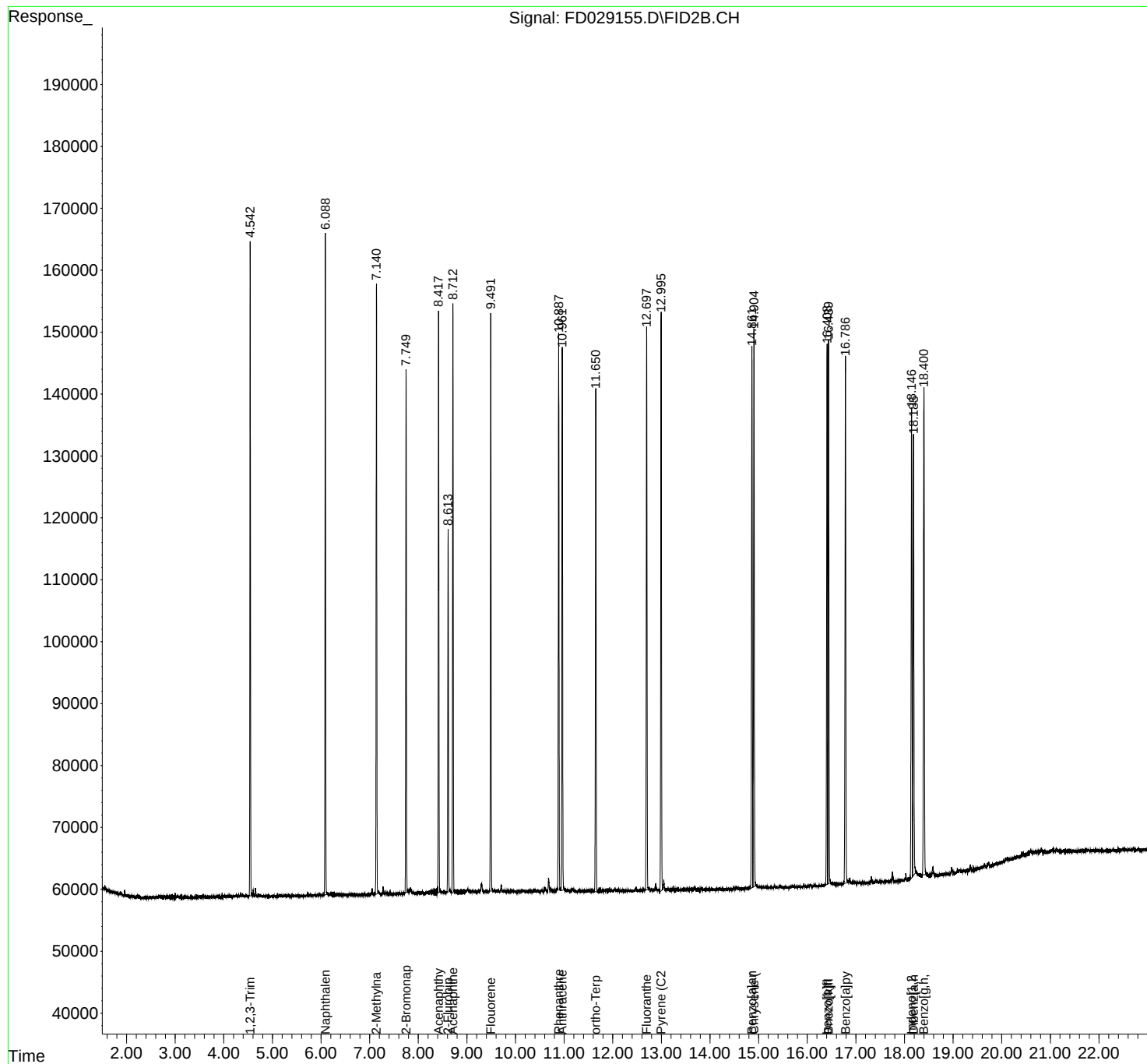
(f)=RT Delta > 1/2 Window

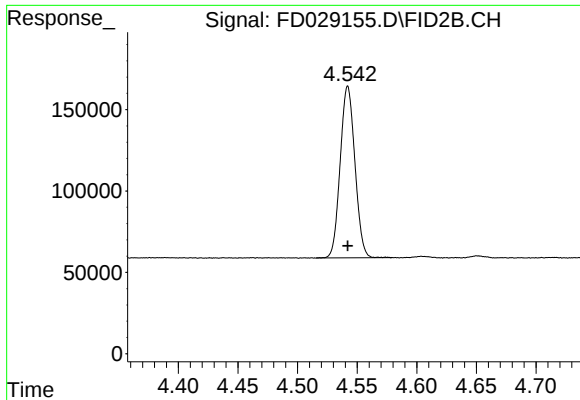
(m)=manual int.

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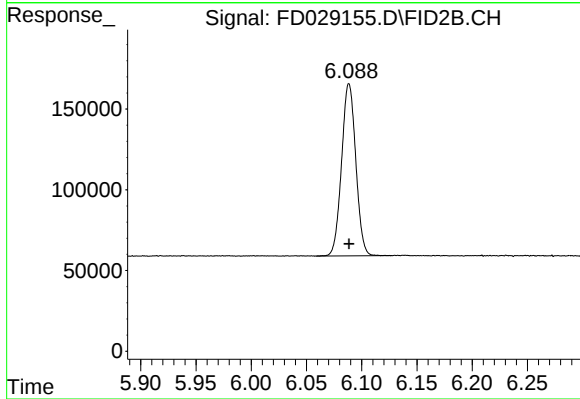
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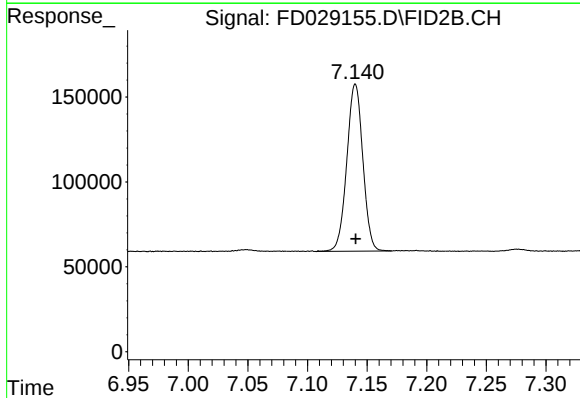
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 906582
Conc: 10.48 ug/ml



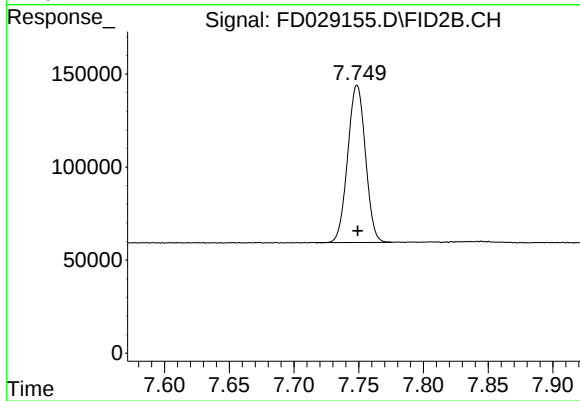
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 954388
Conc: 10.48 ug/ml



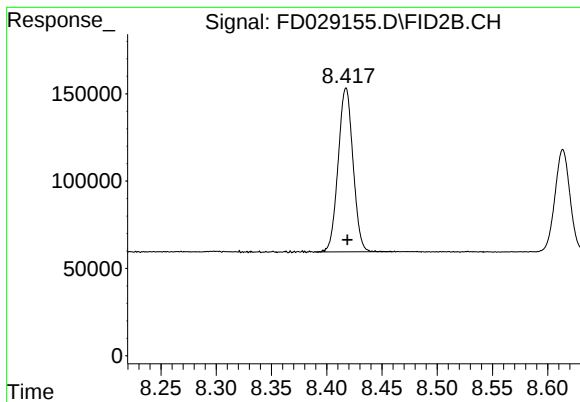
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 920673
Conc: 10.46 ug/ml



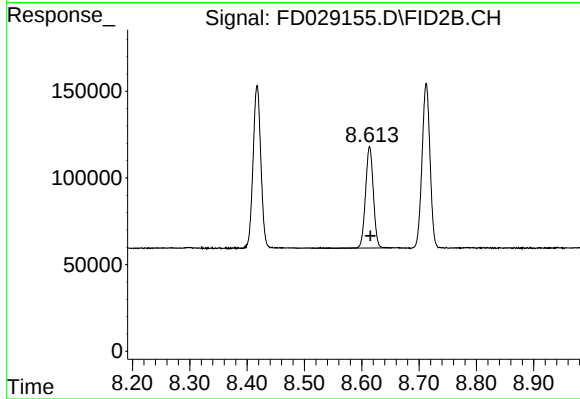
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 807496
Conc: 10.43 ug/ml



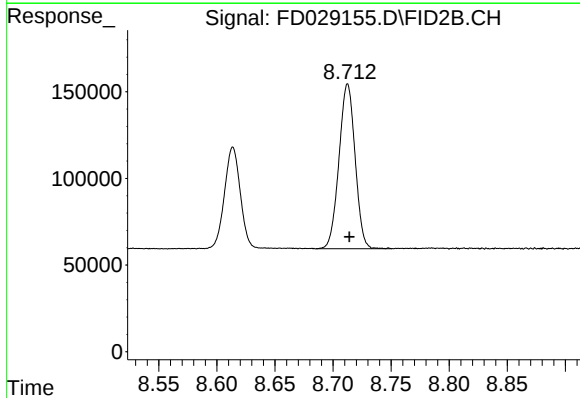
#5 Acenaphthylene (C15.06)

R.T.: 8.417 min
Delta R.T.: -0.001 min
Response: 879634
Conc: 10.43 ug/ml



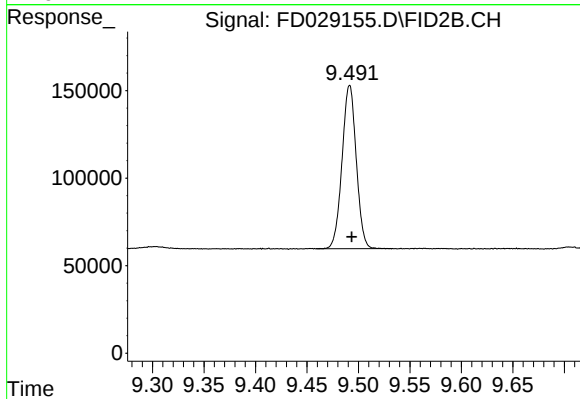
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.001 min
Response: 554541
Conc: 10.45 ug/ml



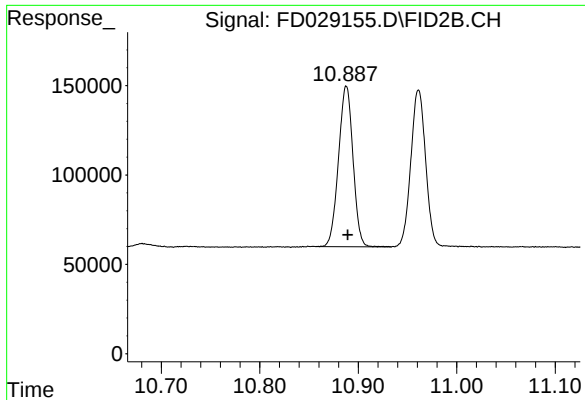
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: -0.002 min
Response: 919004
Conc: 10.46 ug/ml



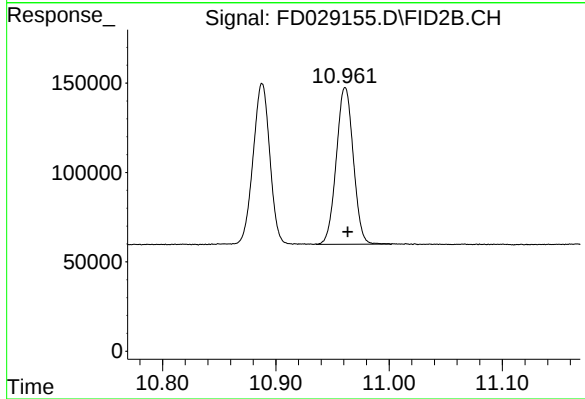
#8 Fluorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.002 min
Response: 896503
Conc: 10.39 ug/ml



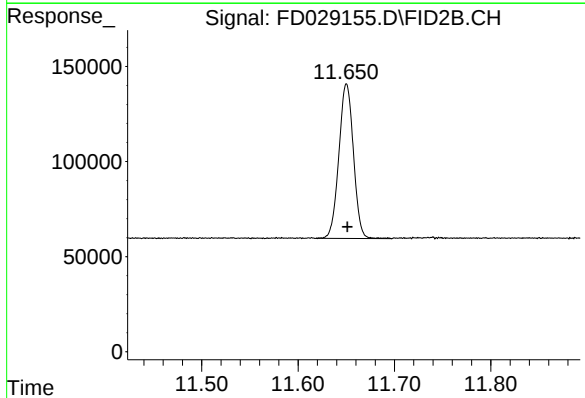
#9 Phenanthrene (C19.36)

R.T.: 10.888 min
Delta R.T.: -0.001 min
Response: 917489
Conc: 10.38 ug/ml



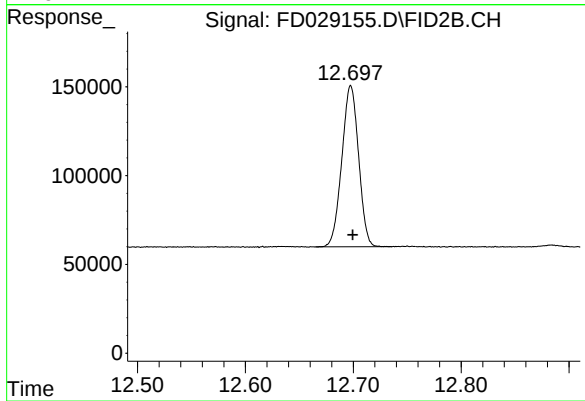
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: -0.002 min
Response: 914312
Conc: 10.34 ug/ml



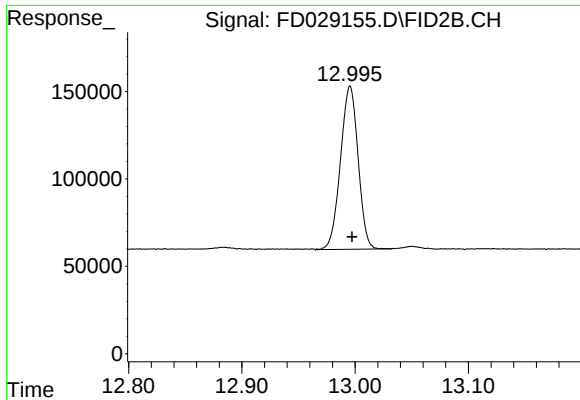
#11 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 849680
Conc: 10.41 ug/ml



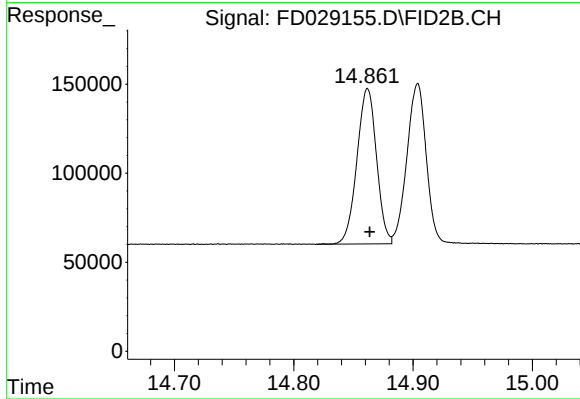
#12 Fluoranthene (C21.85)

R.T.: 12.698 min
Delta R.T.: -0.002 min
Response: 980268
Conc: 10.25 ug/ml



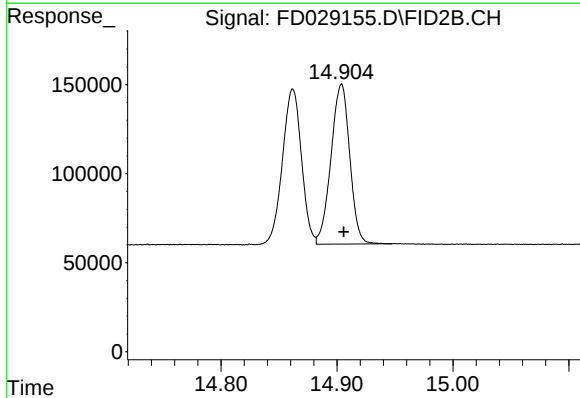
#13 Pyrene (C20.8)

R.T.: 12.996 min
Delta R.T.: -0.002 min
Response: 1008020
Conc: 10.31 ug/ml



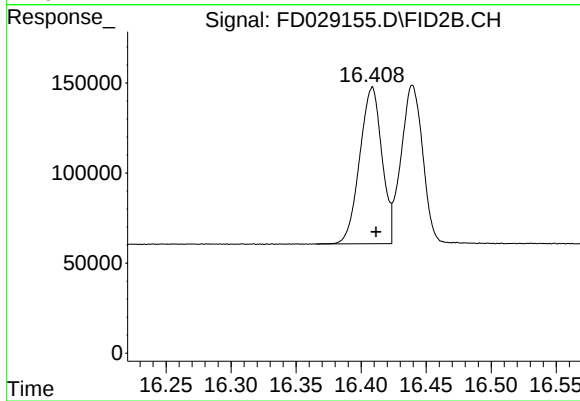
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.862 min
Delta R.T.: -0.002 min
Response: 995754
Conc: 10.11 ug/ml



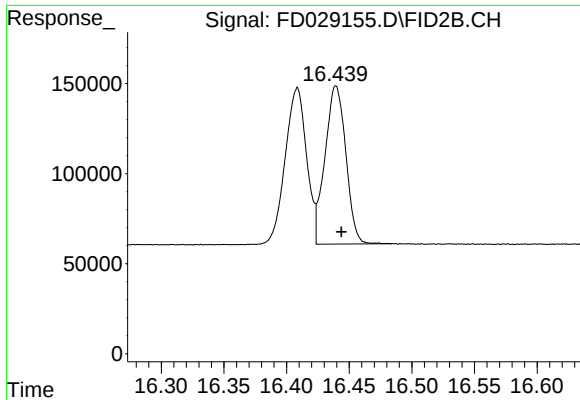
#15 Chrysene (C27.41)

R.T.: 14.904 min
Delta R.T.: -0.002 min
Response: 1011290
Conc: 10.16 ug/ml



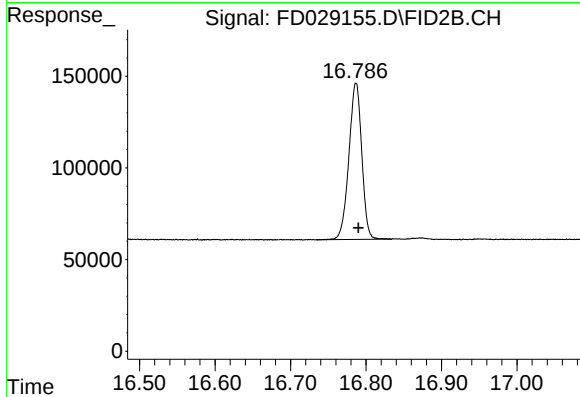
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.409 min
Delta R.T.: -0.003 min
Response: 1031476
Conc: 10.09 ug/ml



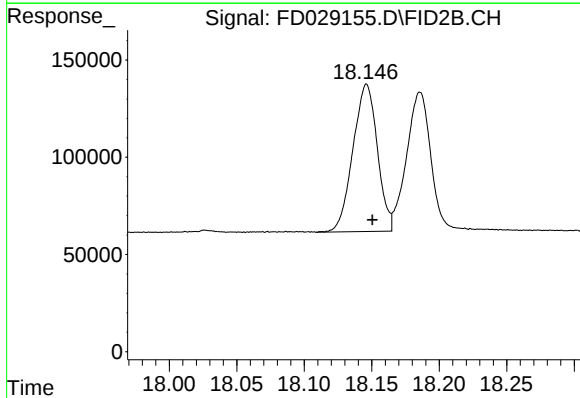
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.439 min
Delta R.T.: -0.004 min
Response: 1018469
Conc: 10.11 ug/ml



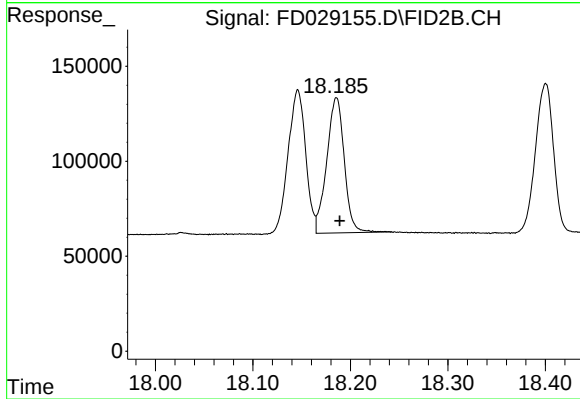
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: -0.003 min
Response: 1012089
Conc: 10.05 ug/ml



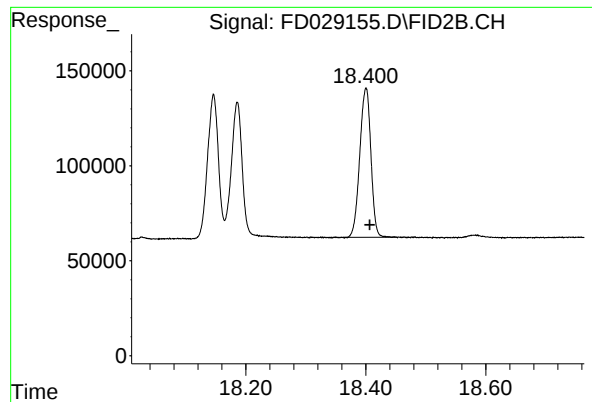
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: -0.004 min
Response: 951988
Conc: 9.93 ug/ml



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

R.T.: 18.186 min
Delta R.T.: -0.003 min
Response: 891817
Conc: 9.97 ug/ml



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

R.T.: 18.400 min
Delta R.T.: -0.006 min
Response: 1010896
Conc: 10.05 ug/ml