

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020719AR\
 Data File : FD027639.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2019 3:55
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 08:03:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.344	1560251	21.016 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
6) S 2-Fluorobiphenyl (SURR)	8.193	1068307	20.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.99%
11) S ortho-Terphenyl (SURR)	11.231	1872445	21.123 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	1669415	21.122 ug/ml
2) T Naphthalene (C11.7)	5.680	1778590	20.896 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	1773015	21.016 ug/ml
5) T Acenaphthylene (C15.06)	7.996	1750843	20.911 ug/ml
7) T Acenaphthene (C15.5)	8.291	1836134	20.889 ug/ml
8) T Fluorene (C16.55)	9.069	1809565	20.750 ug/ml
9) T Phenanthrene (C19.36)	10.456	1816088	20.674 ug/ml
10) T Anthracene (C19.43)	10.530	1793763	20.759 ug/ml
12) T Fluoranthene (C21.85)	12.258	1865779	20.841 ug/ml
13) T Pyrene (C20.8)	12.551	1871016	21.085 ug/ml
14) T Benzo[a]anthracene (C...	14.417	1861016	20.813 ug/ml
15) T Chrysene (C27.41)	14.459	1888203	20.792 ug/ml
16) T benzo[b]fluoranthene ...	15.962	1930518	19.767 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	1963005	19.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	1917041	19.606 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	1878873	18.947 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	1864968	18.960 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	1913847	18.878 ug/ml

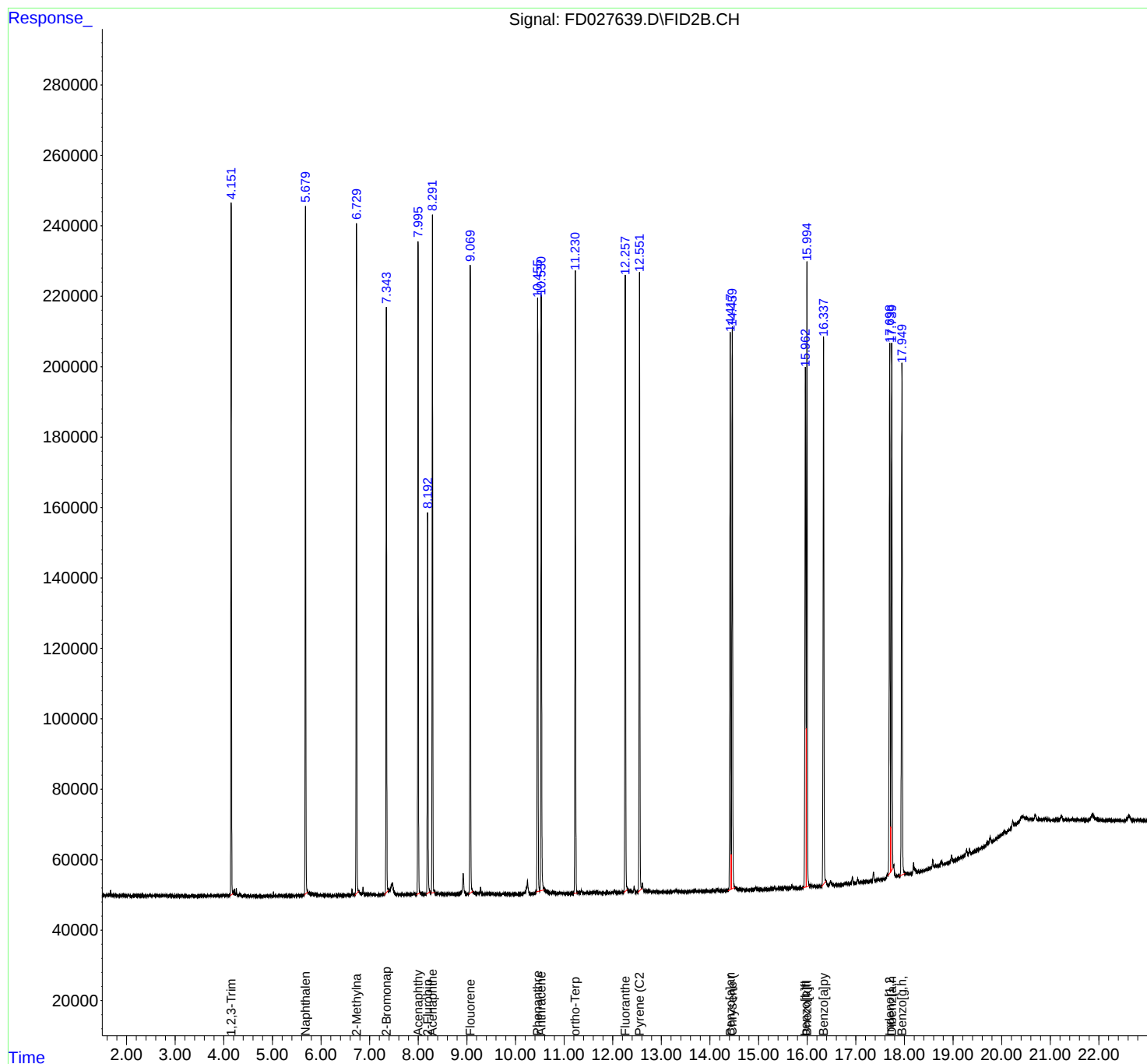
(f)=RT Delta > 1/2 Window

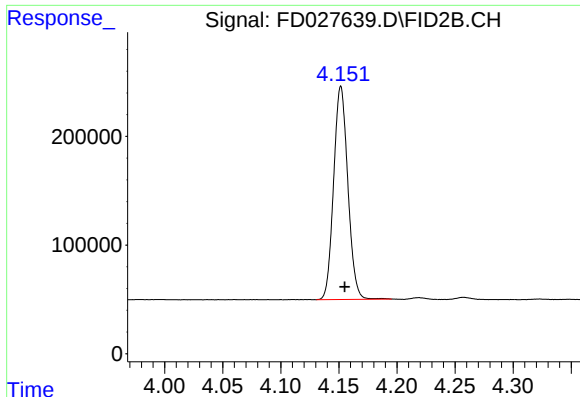
(m)=manual int.

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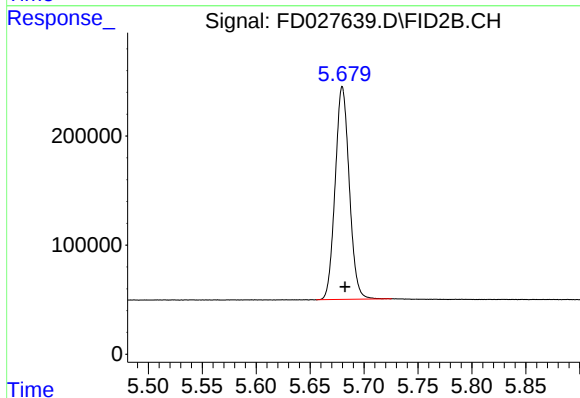
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





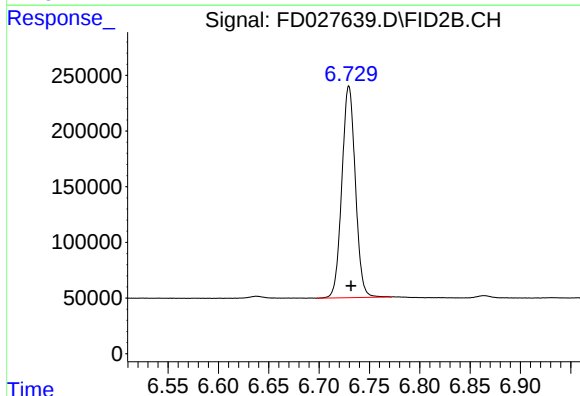
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 1669415
Conc: 21.12 ug/ml



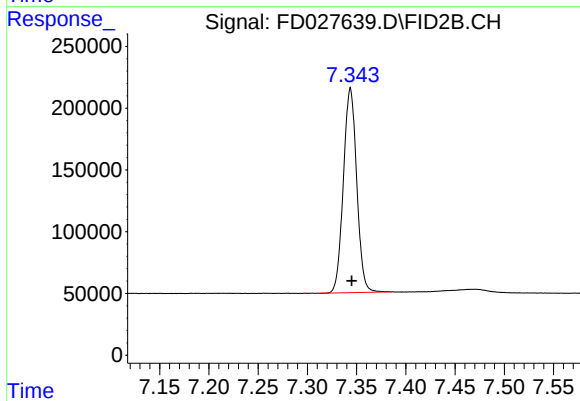
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 1778590
Conc: 20.90 ug/ml



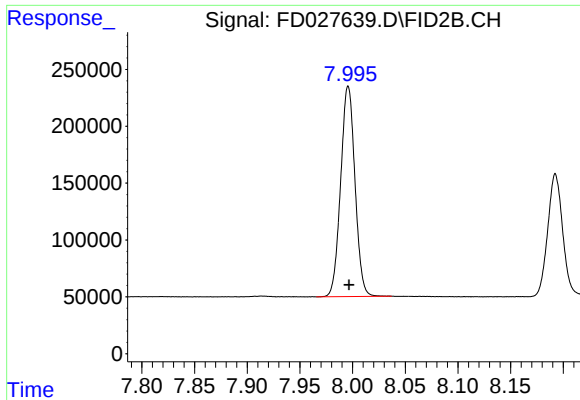
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 1773015
Conc: 21.02 ug/ml



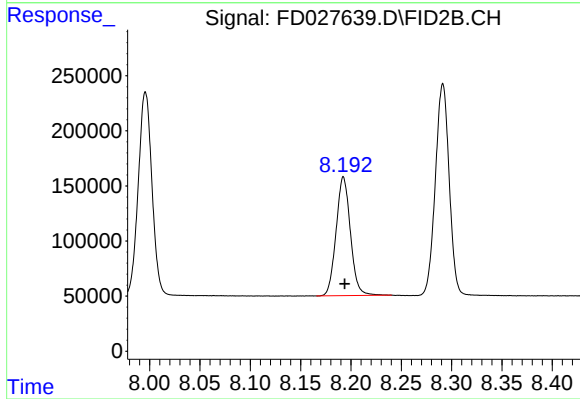
#4 2-Bromonaphthalene (SURR)

R.T.: 7.344 min
Delta R.T.: -0.001 min
Response: 1560251
Conc: 21.02 ug/ml



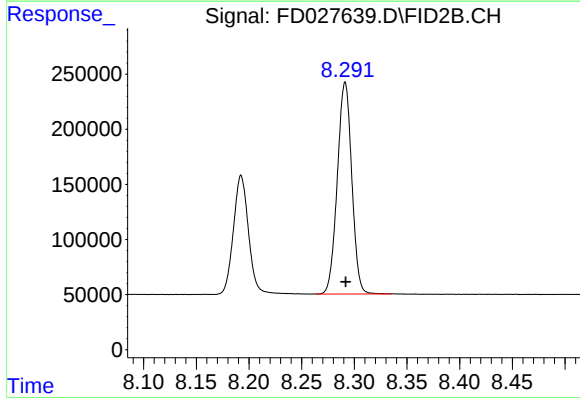
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 1750843
Conc: 20.91 ug/ml



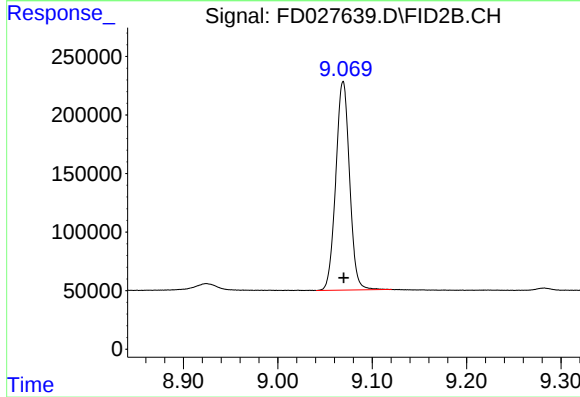
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.001 min
Response: 1068307
Conc: 21.00 ug/ml



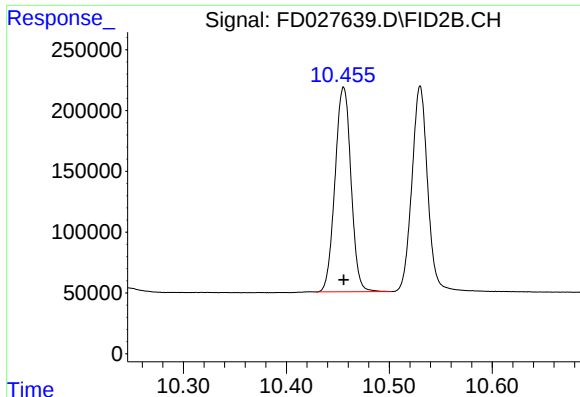
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1836134
Conc: 20.89 ug/ml



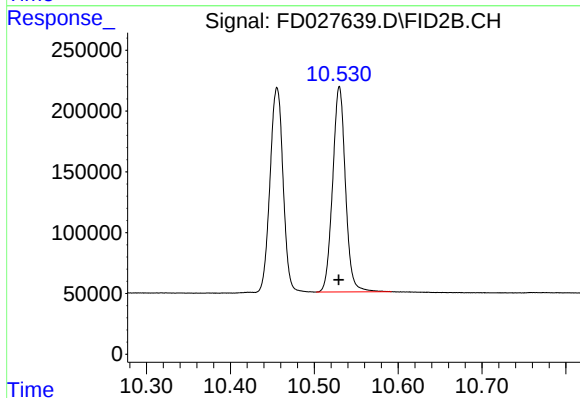
#8 Fluorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 1809565
Conc: 20.75 ug/ml



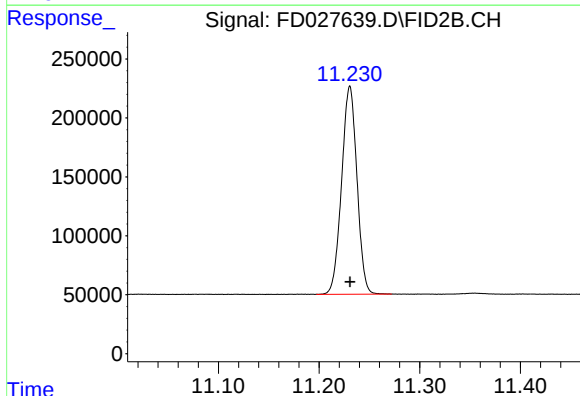
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 1816088
Conc: 20.67 ug/ml



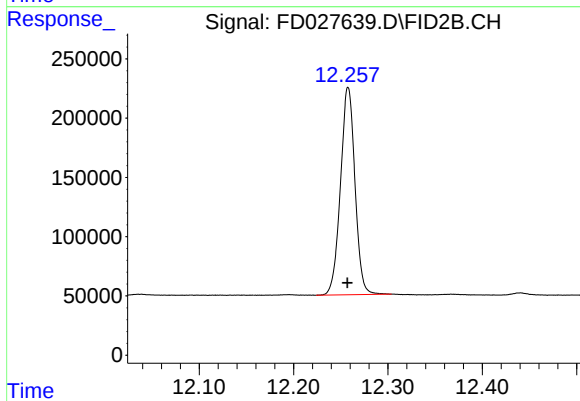
#10 Anthracene (C19.43)

R.T.: 10.530 min
Delta R.T.: 0.000 min
Response: 1793763
Conc: 20.76 ug/ml



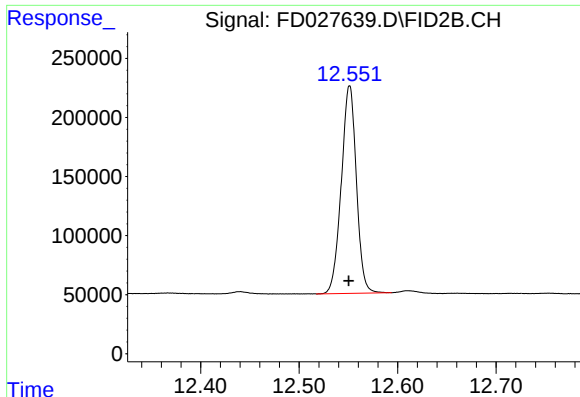
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 1872445
Conc: 21.12 ug/ml



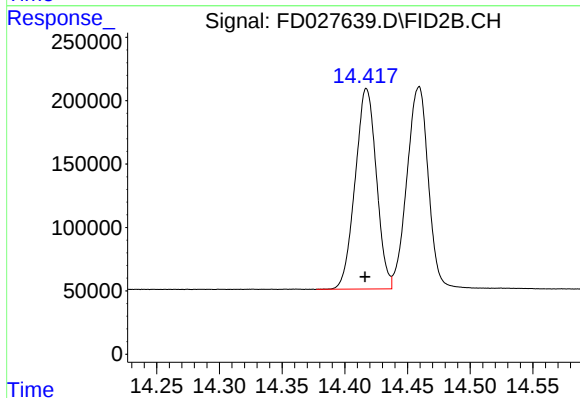
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: 0.000 min
Response: 1865779
Conc: 20.84 ug/ml



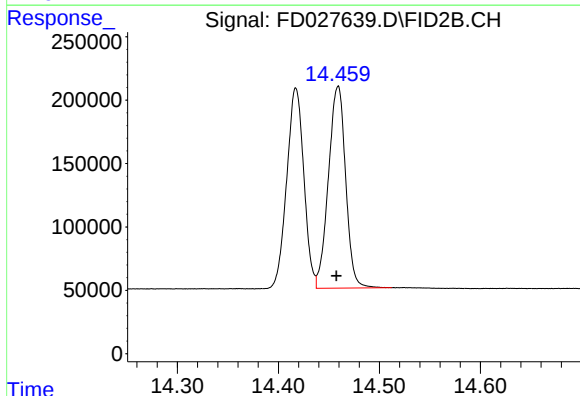
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: 0.000 min
Response: 1871016
Conc: 21.09 ug/ml



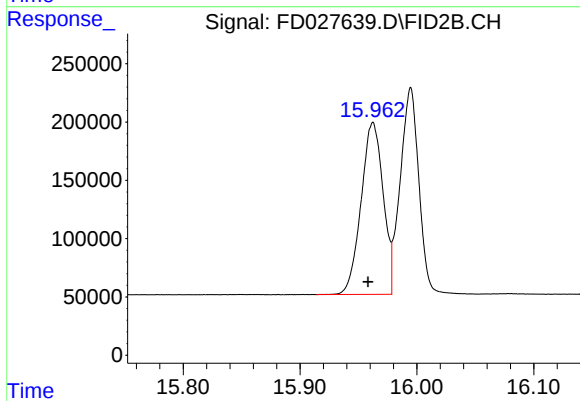
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: 0.001 min
Response: 1861016
Conc: 20.81 ug/ml



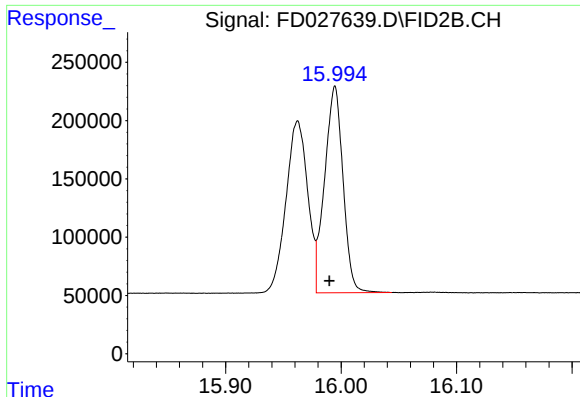
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: 0.002 min
Response: 1888203
Conc: 20.79 ug/ml



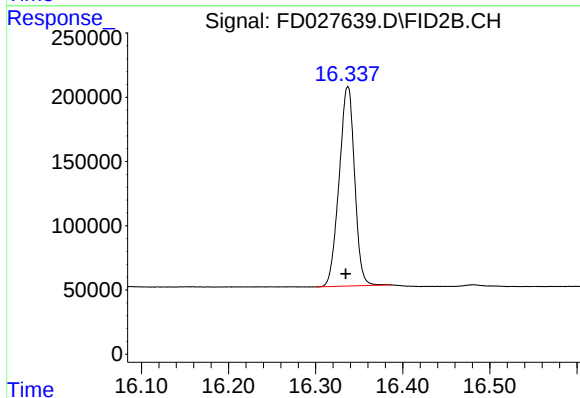
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: 0.004 min
Response: 1930518
Conc: 19.77 ug/ml



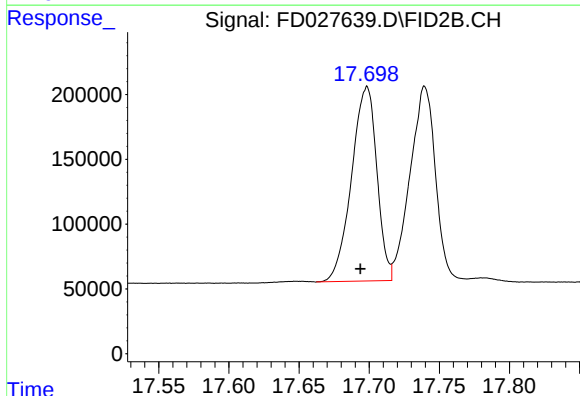
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.995 min
Delta R.T.: 0.005 min
Response: 1963005
Conc: 19.85 ug/ml



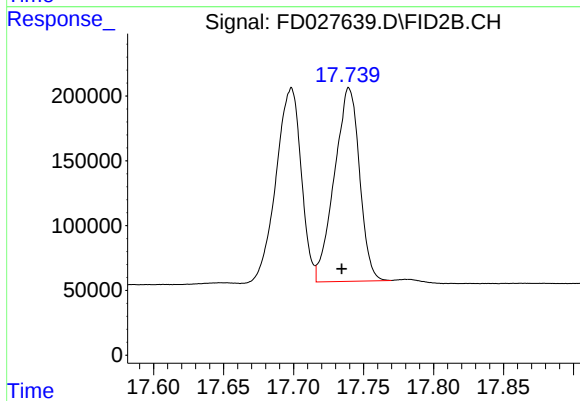
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.337 min
Delta R.T.: 0.002 min
Response: 1917041
Conc: 19.61 ug/ml



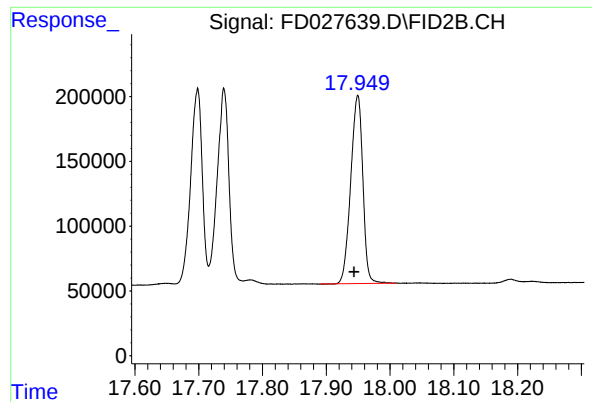
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: 0.005 min
Response: 1878873
Conc: 18.95 ug/ml



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

R.T.: 17.740 min
Delta R.T.: 0.005 min
Response: 1864968
Conc: 18.96 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.006 min
Response: 1913847
Conc: 18.88 ug/ml