

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022119AR\
 Data File : FD027890.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2019 2:19
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 02:48:03 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...	7.337	1579387	21.274 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
6) S 2-Fluorobiphenyl (SURR)	8.185	1029368	20.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.46%
11) S ortho-Terphenyl (SURR)	11.221	1670034	18.840 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	1816958	22.989 ug/ml
2) T Naphthalene (C11.7)	5.676	1879663	22.083 ug/mlm
3) T 2-Methylnaphthalene (...)	6.724	1816413	21.530 ug/mlm
5) T Acenaphthylene (C15.06)	7.989	1687006	20.148 ug/mlm
7) T Acenaphthene (C15.5)	8.283	1750530	19.915 ug/mlm
8) T Flouorene (C16.55)	9.061	1692379	19.406 ug/mlm
9) T Phenanthrene (C19.36)	10.445	1593324	18.138 ug/mlm
10) T Anthracene (C19.43)	10.520	1588352	18.382 ug/mlm
12) T Fluoranthene (C21.85)	12.245	1698161	18.968 ug/mlm
13) T Pyrene (C20.8)	12.539	1716586	19.345 ug/mlm
14) T Benzo[a]anthracene (C...	14.404	1774298	19.843 ug/mlm
15) T Chrysene (C27.41)	14.446	1955175	21.530 ug/ml
16) T benzo[b]fluoranthene ...	15.947	1820993	18.645 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.977	1848051	18.691 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.319	1850835	18.929 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.680	1738986	17.536 ug/mlm
20) T Dibenz[a,h]anthracene...	17.722	1912888	19.447 ug/ml
21) T Benzo[g,h,i]perylene ...	17.931	1854959	18.297 ug/ml

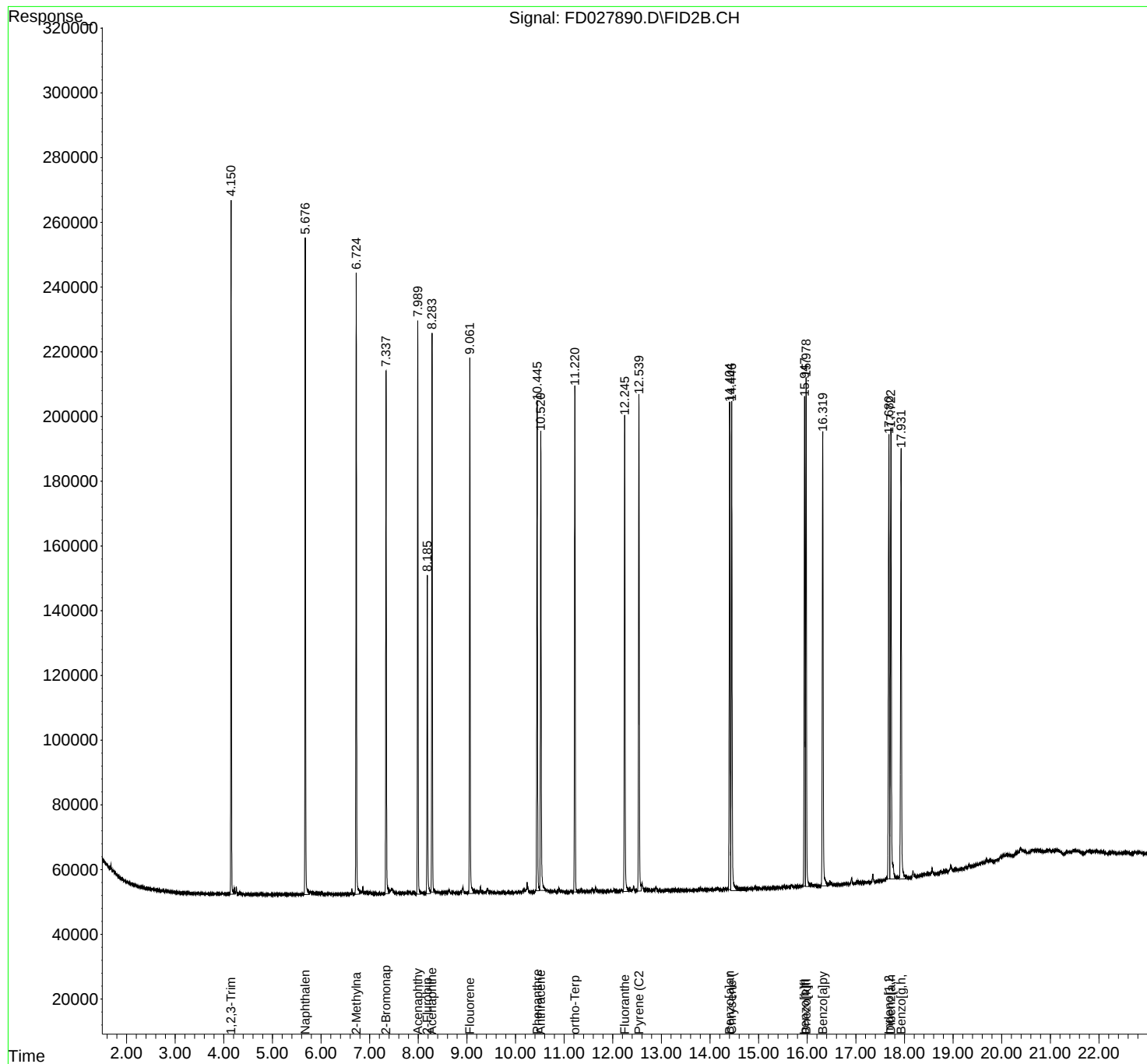
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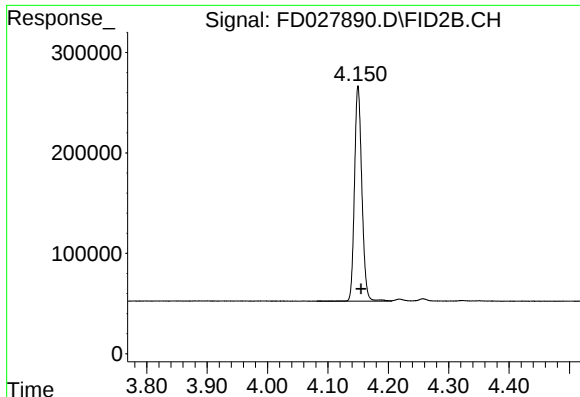
(m)=manual int.

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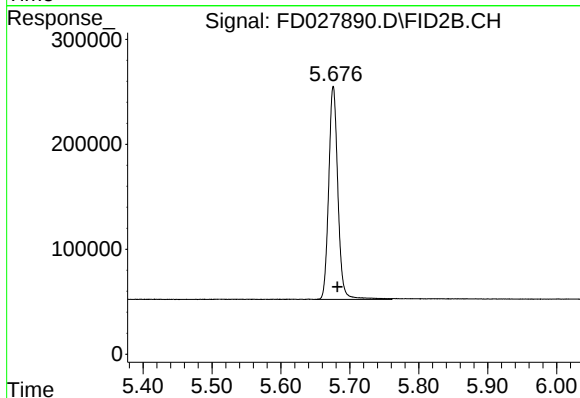
Volume Inj. : 1 µl
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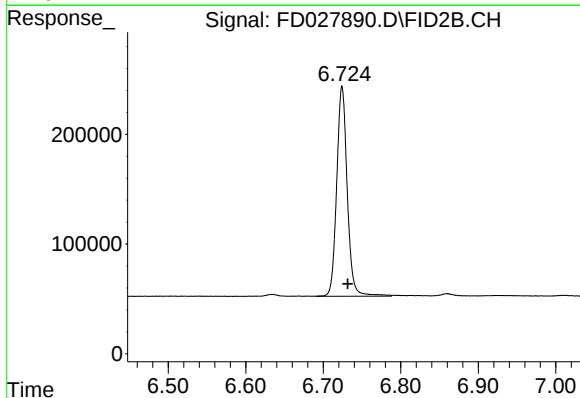
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 1816958
Conc: 22.99 ug/ml



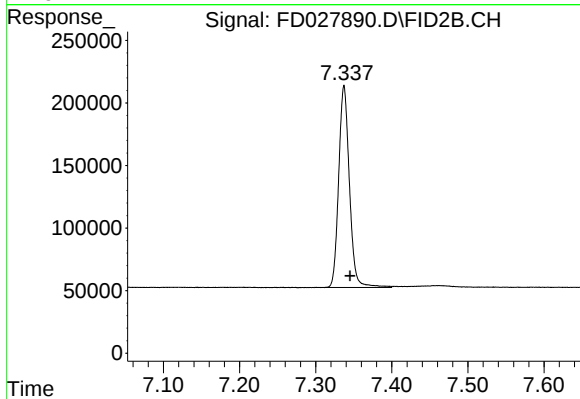
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 1879663
Conc: 22.08 ug/ml m



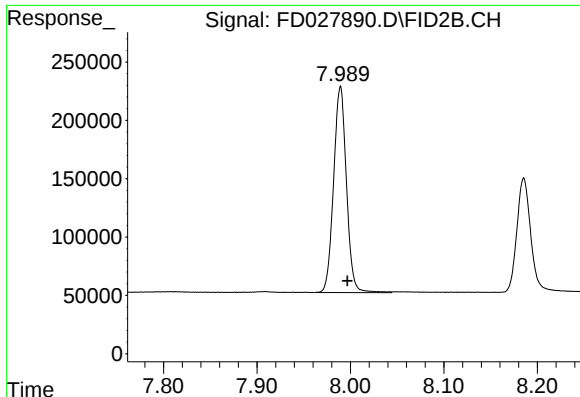
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 1816413
Conc: 21.53 ug/ml m



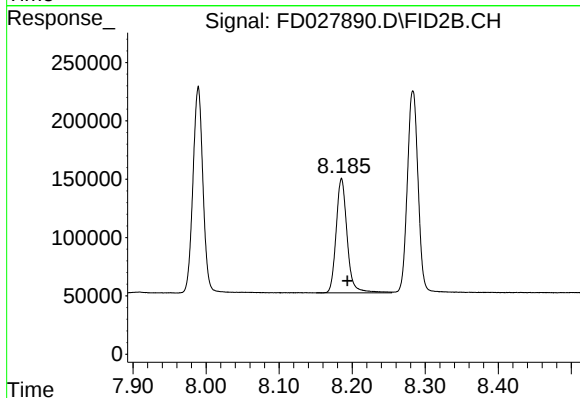
#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 1579387
Conc: 21.27 ug/ml



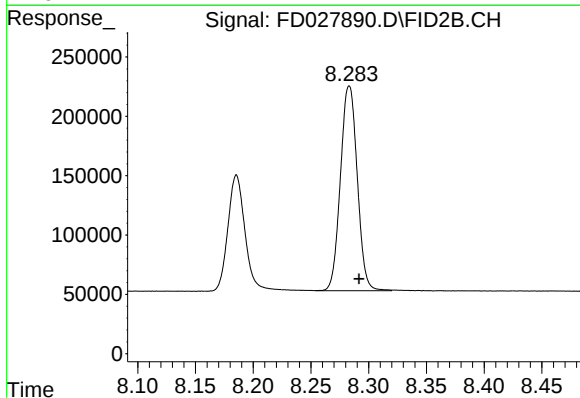
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.008 min
Response: 1687006
Conc: 20.15 ug/ml m



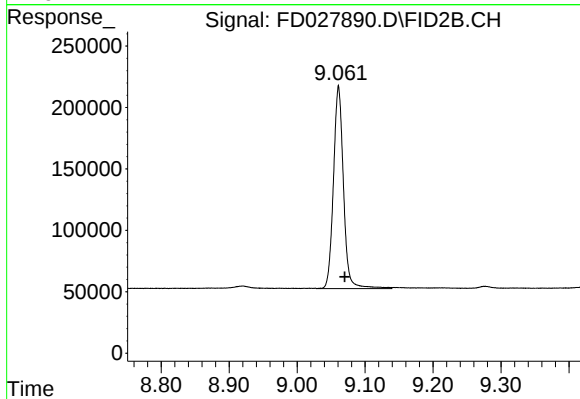
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.008 min
Response: 1029368
Conc: 20.23 ug/ml



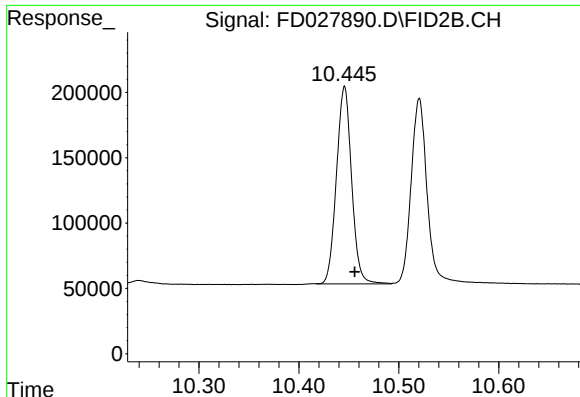
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.009 min
Response: 1750530
Conc: 19.92 ug/ml m



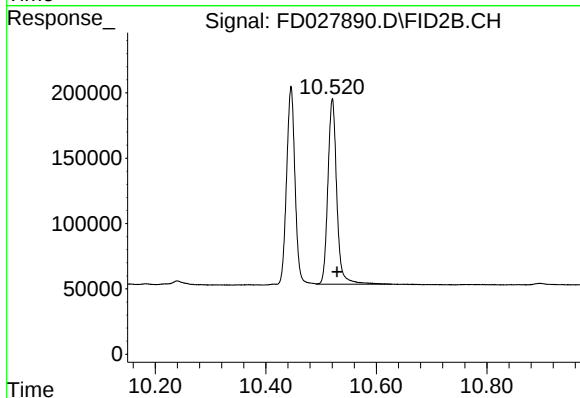
#8 Fluorene (C16.55)

R.T.: 9.061 min
Delta R.T.: -0.009 min
Response: 1692379
Conc: 19.41 ug/ml m



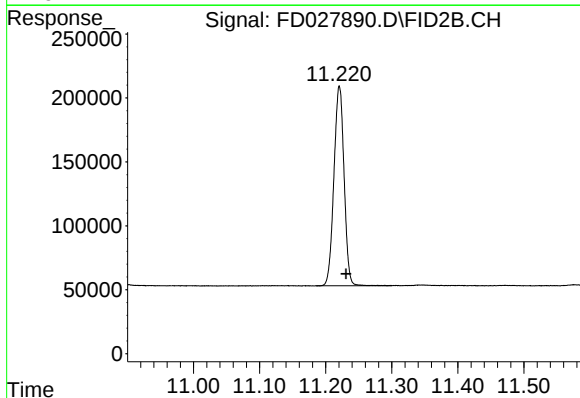
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.010 min
Response: 1593324
Conc: 18.14 ug/ml m



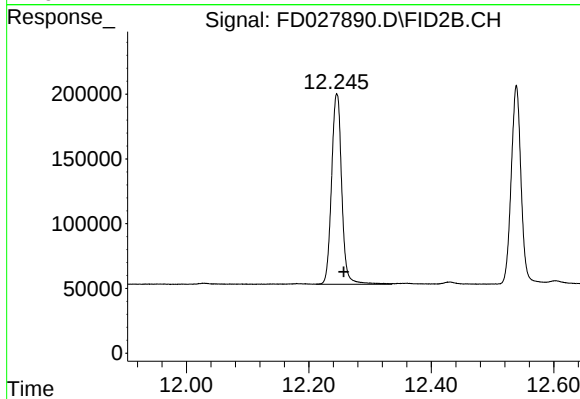
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 1588352
Conc: 18.38 ug/ml m



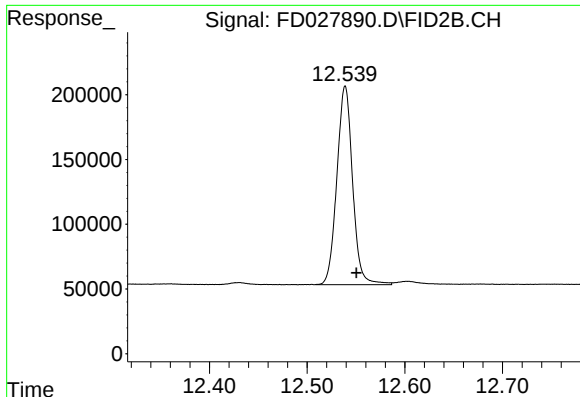
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 1670034
Conc: 18.84 ug/ml



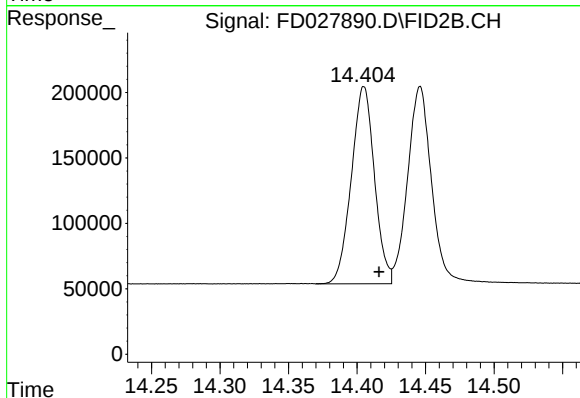
#12 Fluoranthene (C21.85)

R.T.: 12.245 min
Delta R.T.: -0.012 min
Response: 1698161
Conc: 18.97 ug/ml m



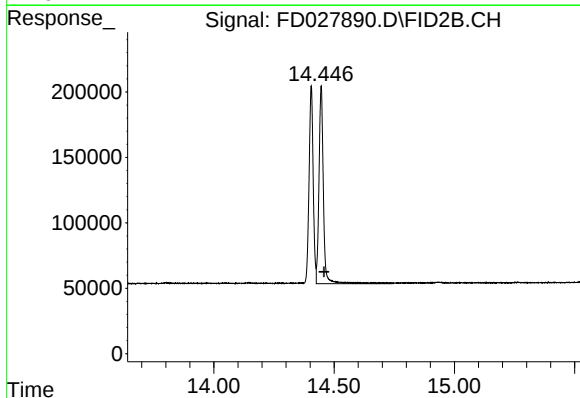
#13 Pyrene (C20.8)

R.T.: 12.539 min
Delta R.T.: -0.012 min
Response: 1716586
Conc: 19.34 ug/ml m



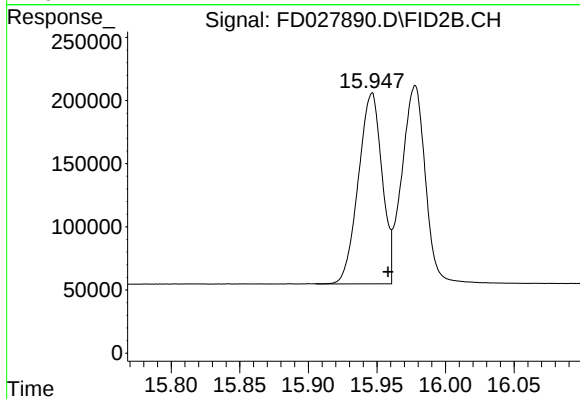
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: -0.012 min
Response: 1774298
Conc: 19.84 ug/ml m



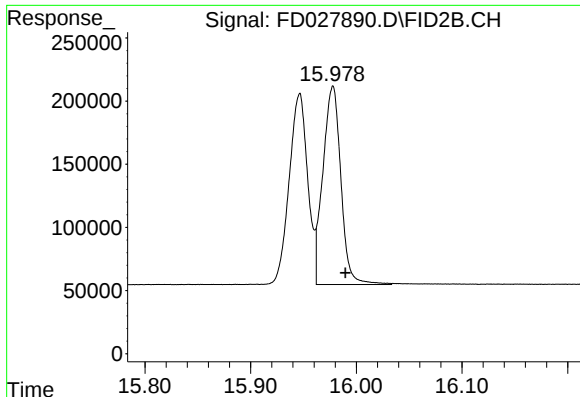
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.011 min
Response: 1955175
Conc: 21.53 ug/ml



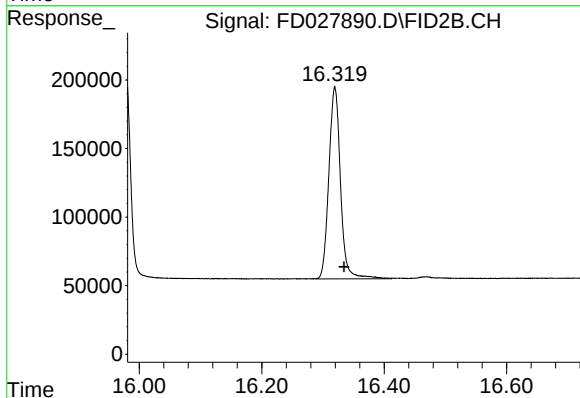
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.947 min
Delta R.T.: -0.012 min
Response: 1820993
Conc: 18.65 ug/ml m



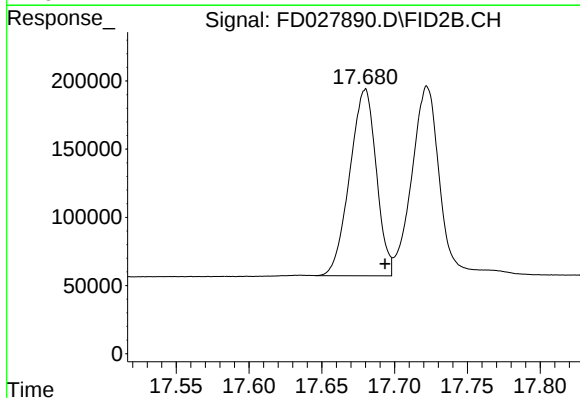
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.977 min
Delta R.T.: -0.012 min
Response: 1848051
Conc: 18.69 ug/ml m



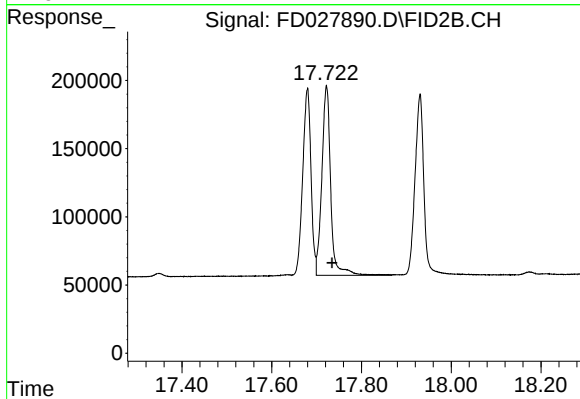
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.319 min
Delta R.T.: -0.015 min
Response: 1850835
Conc: 18.93 ug/ml m



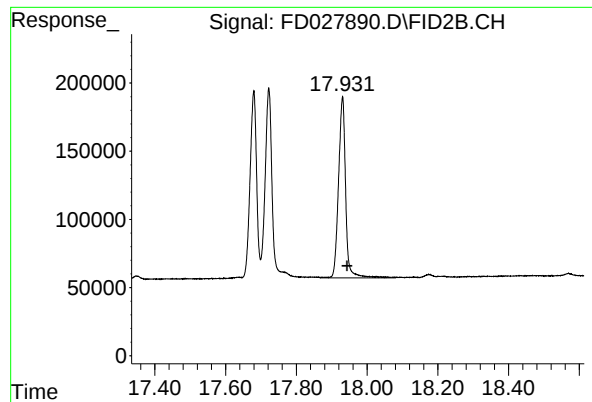
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.680 min
Delta R.T.: -0.014 min
Response: 1738986
Conc: 17.54 ug/ml m



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

R.T.: 17.722 min
Delta R.T.: -0.012 min
Response: 1912888
Conc: 19.45 ug/ml



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

R.T.: 17.931 min
Delta R.T.: -0.013 min
Response: 1854959
Conc: 18.30 ug/ml