

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060319AR\
 Data File : FD029327.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2019 14:32
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 04 03:27:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 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...	7.740	1418250	17.918 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
6) S 2-Fluorobiphenyl (SURR)	8.605	988571	18.306 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.61%
11) S ortho-Terphenyl (SURR)	11.642	1540955	18.686 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.535	1587405	17.831 ug/ml
2) T Naphthalene (C11.7)	6.080	1662566	17.787 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	1617155	17.949 ug/ml
5) T Acenaphthylene (C15.06)	8.409	1564437	18.194 ug/ml
7) T Acenaphthene (C15.5)	8.704	1623228	18.164 ug/ml
8) T Fluorene (C16.55)	9.483	1611414	18.407 ug/ml
9) T Phenanthrene (C19.36)	10.879	1670756	18.653 ug/ml
10) T Anthracene (C19.43)	10.953	1645525	18.493 ug/ml
12) T Fluoranthene (C21.85)	12.688	1813714	18.894 ug/ml
13) T Pyrene (C20.8)	12.986	1850881	18.813 ug/ml
14) T Benzo[a]anthracene (C...	14.852	1767879	17.913 ug/ml
15) T Chrysene (C27.41)	14.894	1819199	18.168 ug/ml
16) T benzo[b]fluoranthene ...	16.399	1855603	18.001 ug/ml
17) T Bnezo[k]fluoranthene ...	16.430	1817637	17.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.777	1792240	17.686 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	1512283	15.563 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	1431160	15.911 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	1659910	16.413 ug/ml

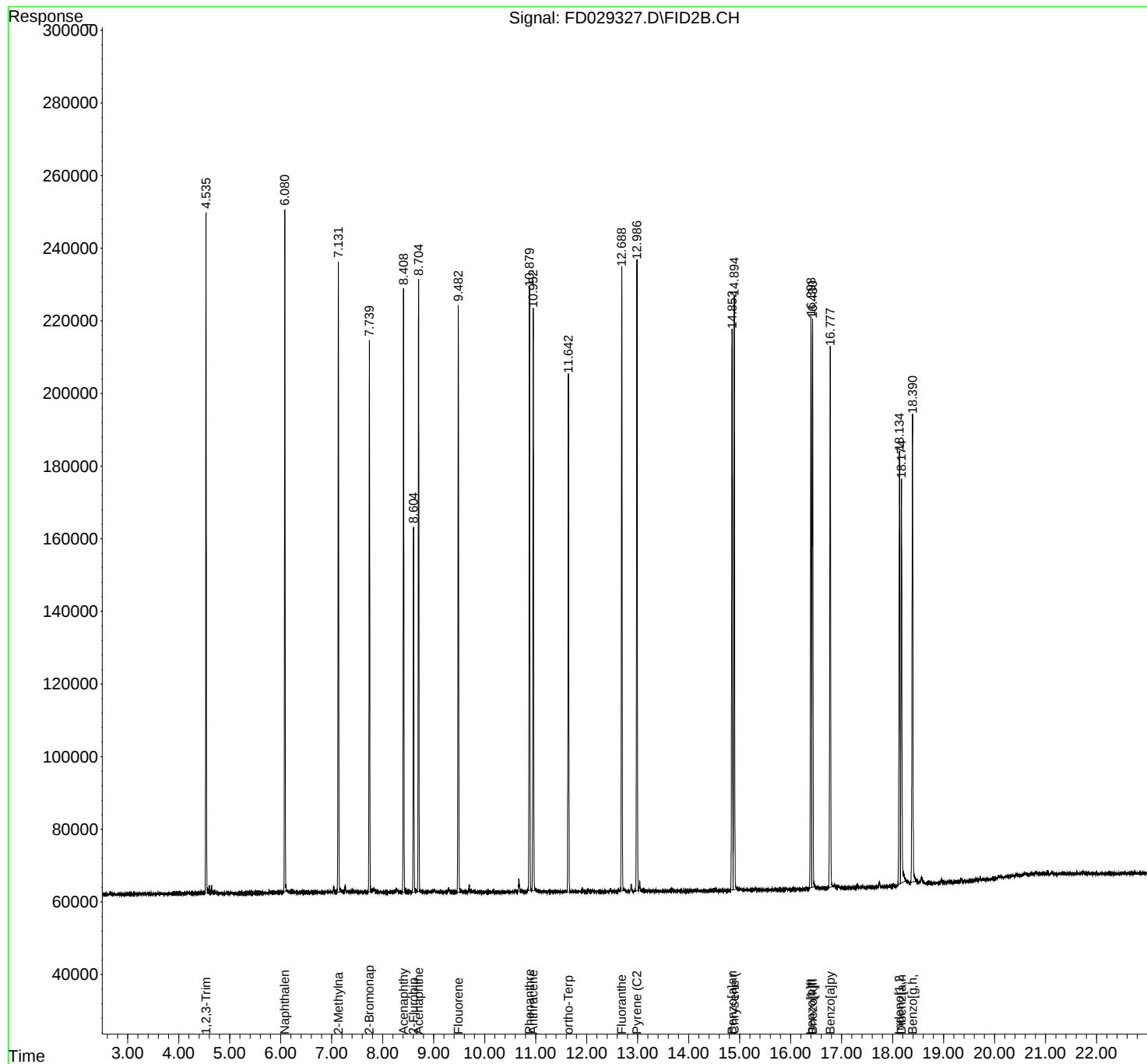
(f)=RT Delta > 1/2 Window

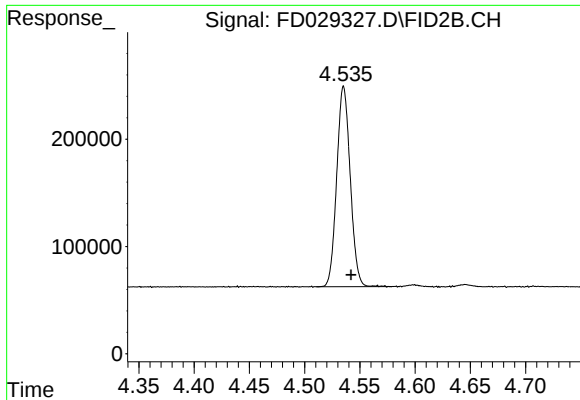
(m)=manual int.

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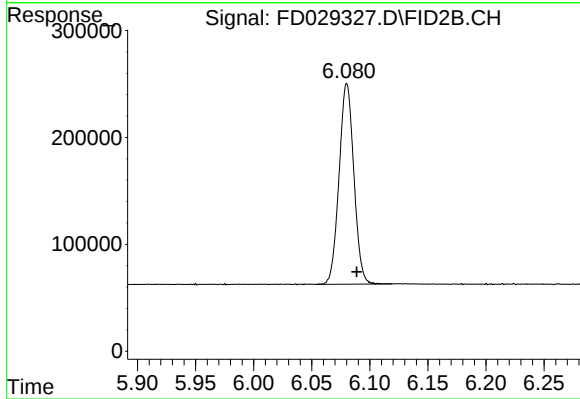
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





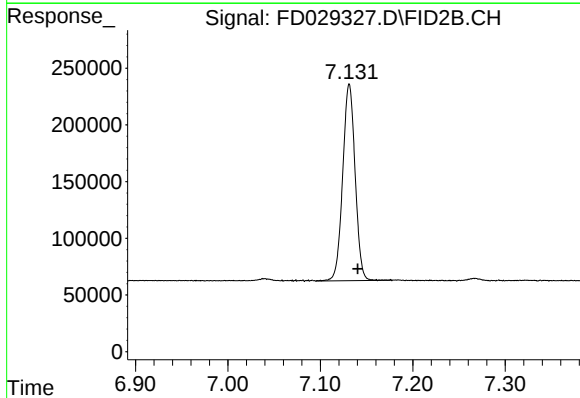
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.535 min
Delta R.T.: -0.007 min
Response: 1587405
Conc: 17.83 ug/ml



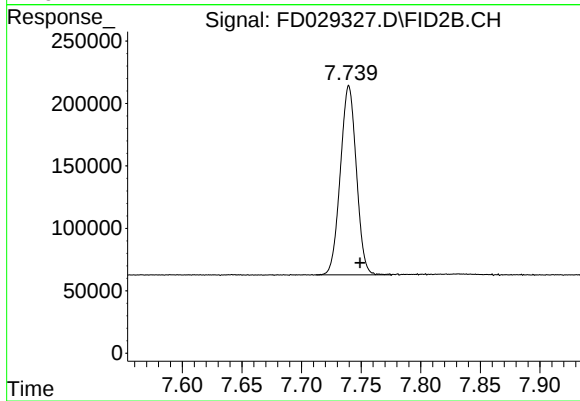
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 1662566
Conc: 17.79 ug/ml



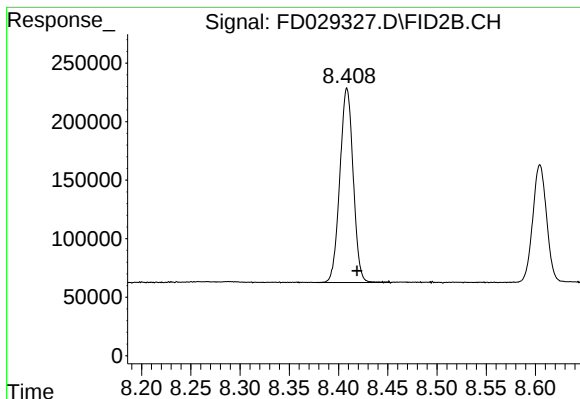
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 1617155
Conc: 17.95 ug/ml



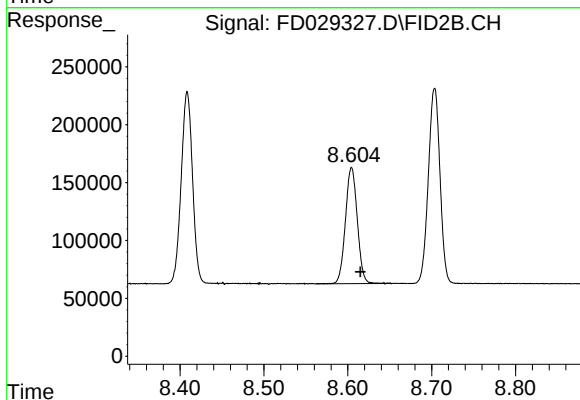
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.009 min
Response: 1418250
Conc: 17.92 ug/ml



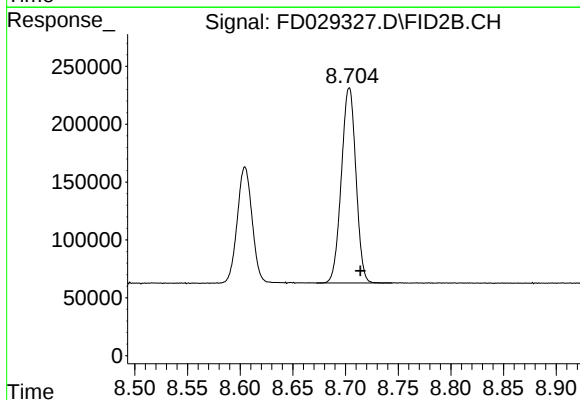
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.010 min
Response: 1564437
Conc: 18.19 ug/ml



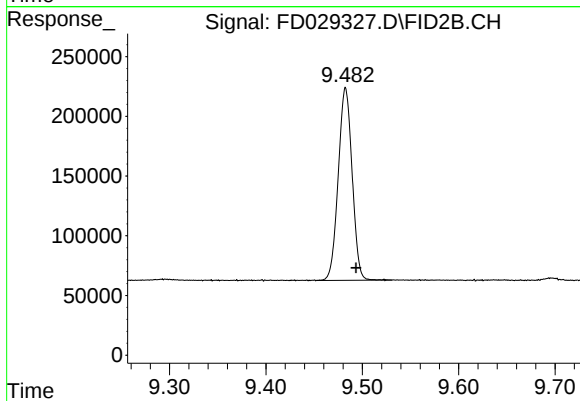
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.605 min
Delta R.T.: -0.010 min
Response: 988571
Conc: 18.31 ug/ml



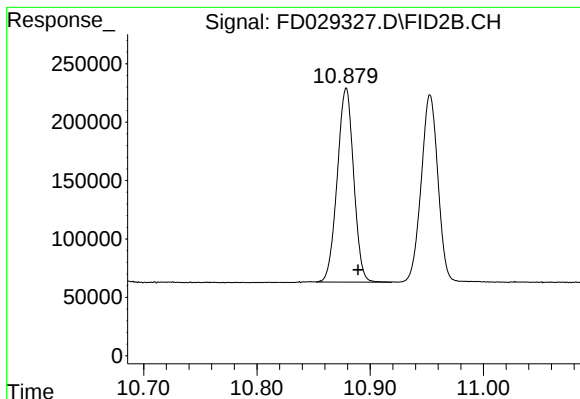
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: -0.011 min
Response: 1623228
Conc: 18.16 ug/ml



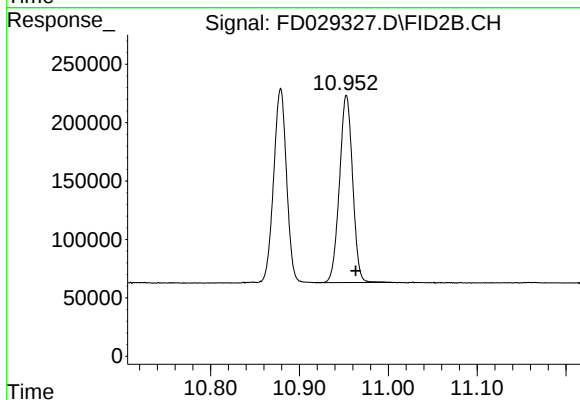
#8 Fluorene (C16.55)

R.T.: 9.483 min
Delta R.T.: -0.011 min
Response: 1611414
Conc: 18.41 ug/ml



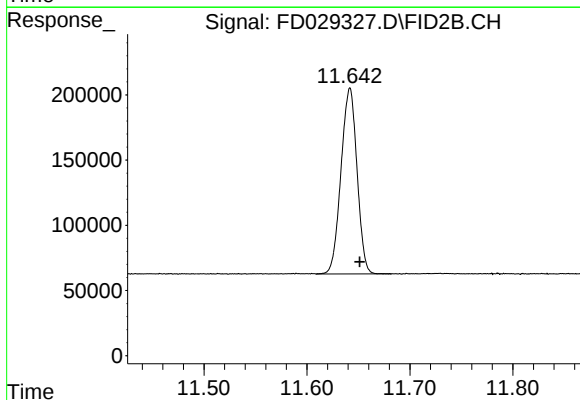
#9 Phenanthrene (C19.36)

R.T.: 10.879 min
Delta R.T.: -0.011 min
Response: 1670756
Conc: 18.65 ug/ml



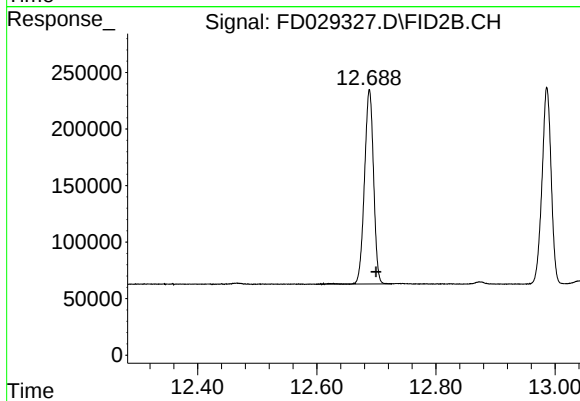
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.011 min
Response: 1645525
Conc: 18.49 ug/ml



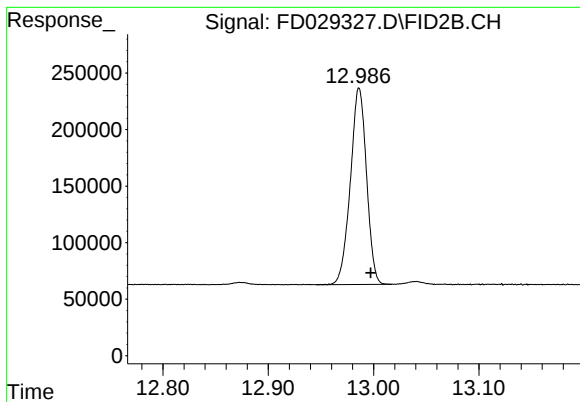
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.009 min
Response: 1540955
Conc: 18.69 ug/ml



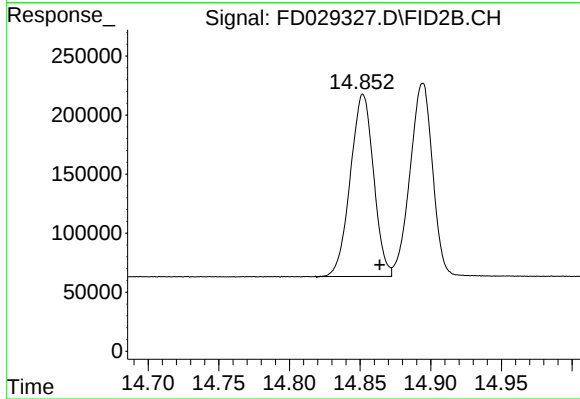
#12 Fluoranthene (C21.85)

R.T.: 12.688 min
Delta R.T.: -0.011 min
Response: 1813714
Conc: 18.89 ug/ml



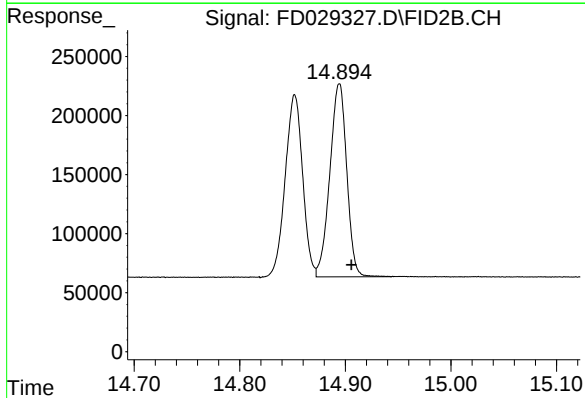
#13 Pyrene (C20.8)

R.T.: 12.986 min
Delta R.T.: -0.011 min
Response: 1850881
Conc: 18.81 ug/ml



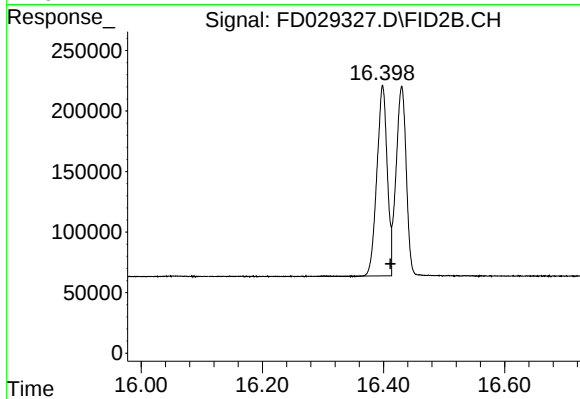
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.852 min
Delta R.T.: -0.012 min
Response: 1767879
Conc: 17.91 ug/ml



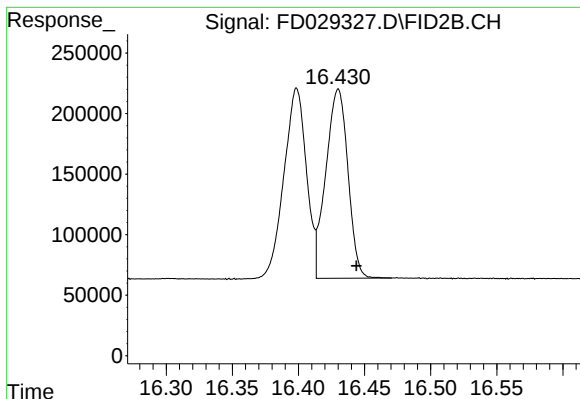
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: -0.011 min
Response: 1819199
Conc: 18.17 ug/ml



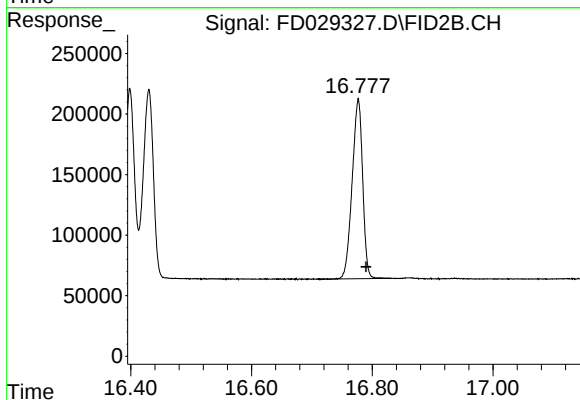
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.399 min
Delta R.T.: -0.013 min
Response: 1855603
Conc: 18.00 ug/ml



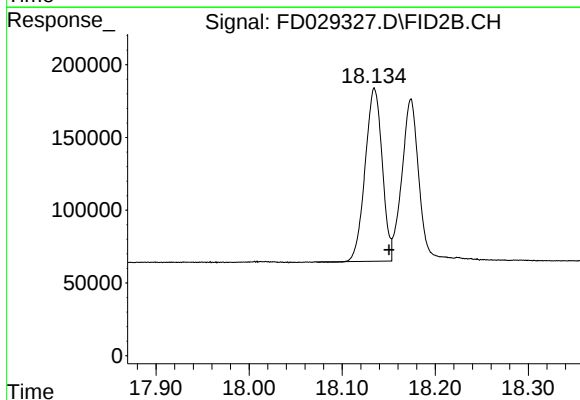
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.430 min
Delta R.T.: -0.014 min
Response: 1817637
Conc: 17.94 ug/ml



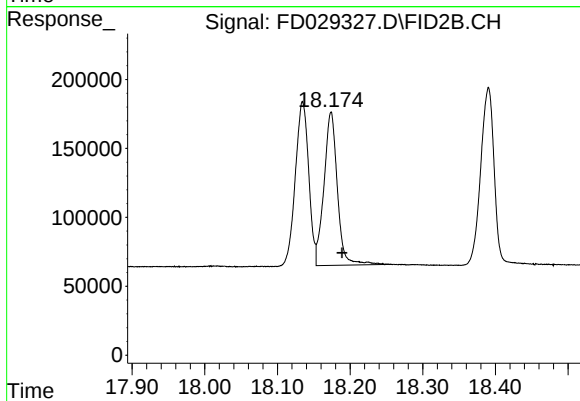
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.777 min
Delta R.T.: -0.013 min
Response: 1792240
Conc: 17.69 ug/ml



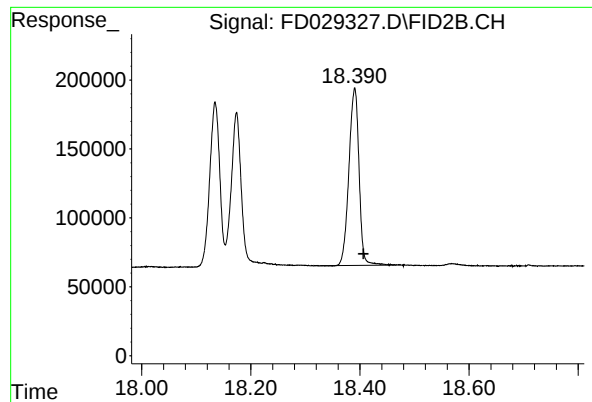
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min
Delta R.T.: -0.016 min
Response: 1512283
Conc: 15.56 ug/ml



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

R.T.: 18.174 min
Delta R.T.: -0.015 min
Response: 1431160
Conc: 15.91 ug/ml



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

R.T.: 18.391 min
Delta R.T.: -0.016 min
Response: 1659910
Conc: 16.41 ug/ml