

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110520AR\
 Data File : FD035344.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2020 12:39
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 00:32:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.638	2211532	19.068 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
6) S 2-Fluorobiphenyl (SURR)	8.502	1510847	18.776 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.55%
11) S ortho-Terphenyl (SURR)	11.541	2527001	18.184 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	2506699	19.434 ug/ml
2) T Naphthalene (C11.7)	5.977	2599751	19.200 ug/ml
3) T 2-Methylnaphthalene (...)	7.028	2607886	19.132 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2466782	18.298 ug/ml
7) T Acenaphthene (C15.5)	8.599	2585413	18.624 ug/ml
8) T Flouorene (C16.55)	9.381	2473235	18.652 ug/ml
9) T Phenanthrene (C19.36)	10.778	2407602	18.213 ug/ml
10) T Anthracene (C19.43)	10.852	2387657	17.660 ug/ml
12) T Fluoranthene (C21.85)	12.589	2323403	17.295 ug/ml
13) T Pyrene (C20.8)	12.886	2232640	16.788 ug/ml
14) T Benzo[a]anthracene (C...	14.758	2002759	16.830 ug/ml
15) T Chrysene (C27.41)	14.800	2147643	16.216 ug/ml
16) T benzo[b]fluoranthene ...	16.309	2018712	17.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.340	2022290	16.616 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.687	1874000	17.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	1946266	19.043 ug/ml
20) T Dibenz[a,h]anthracene...	18.089	2066464	18.067 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	2015810	18.828 ug/ml

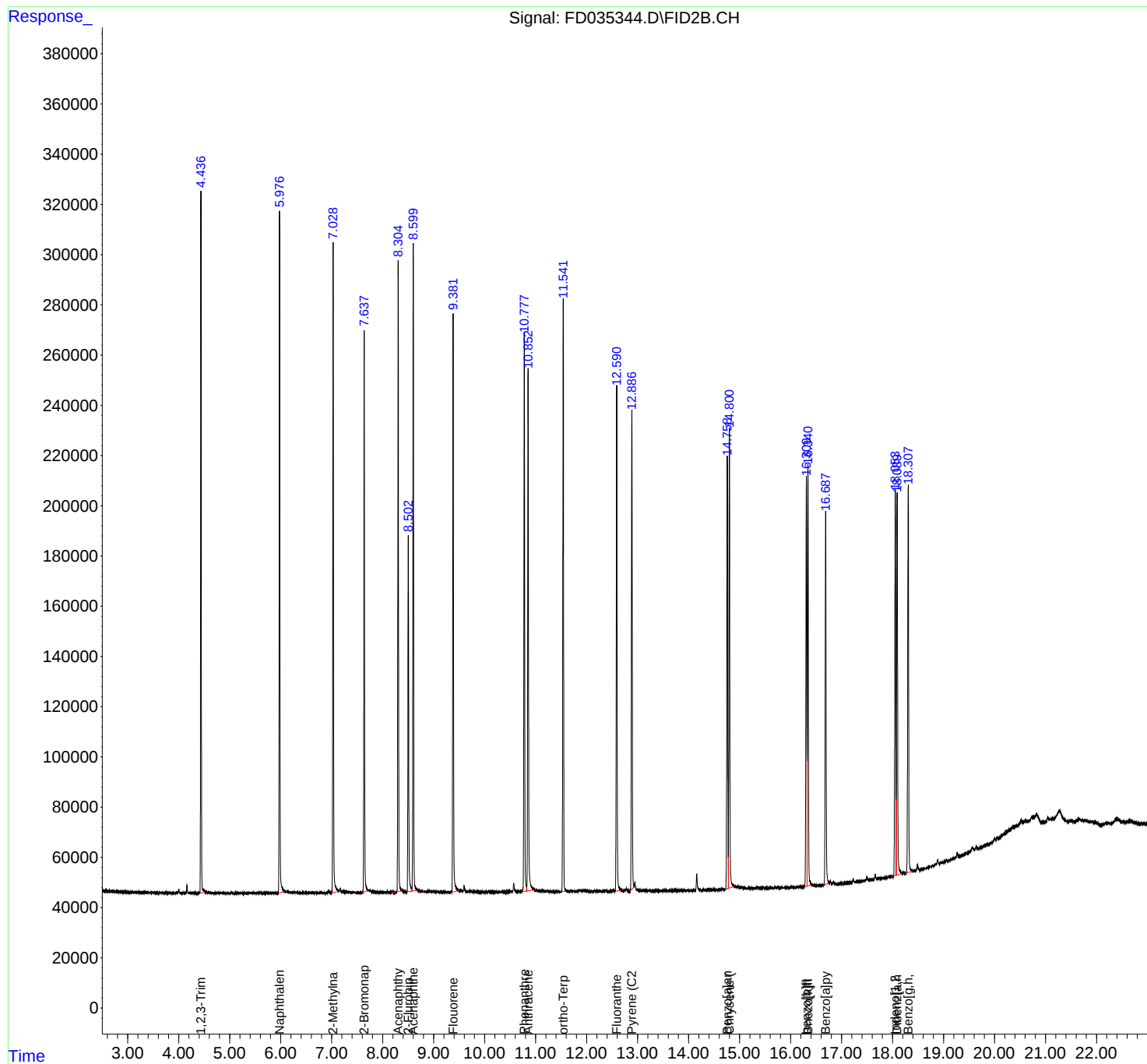
(f)=RT Delta > 1/2 Window

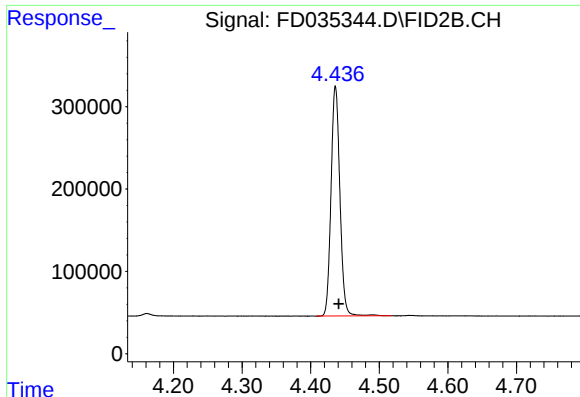
(m)=manual int.

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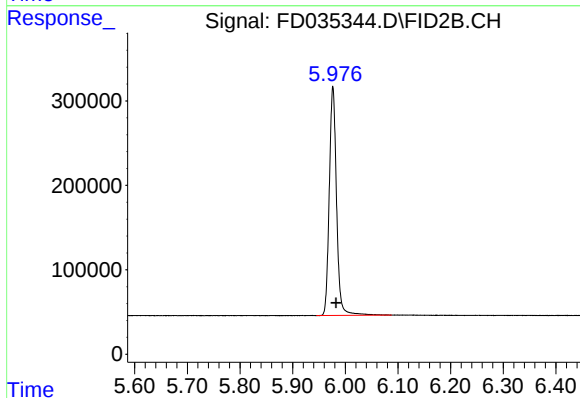
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





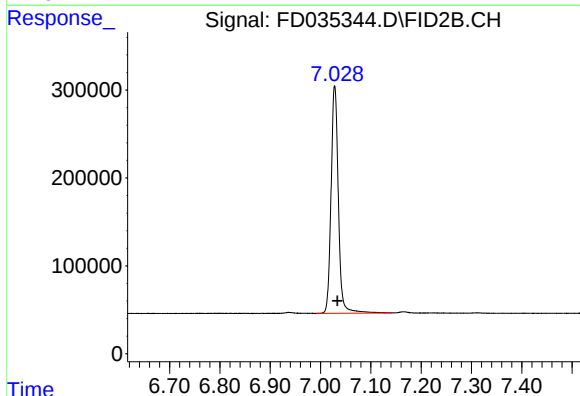
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 2506699
Conc: 19.43 ug/ml



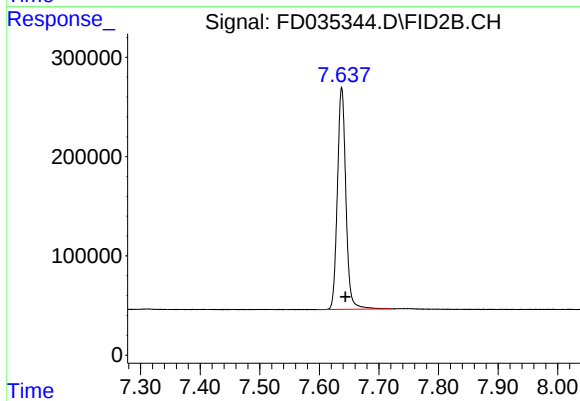
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.006 min
Response: 2599751
Conc: 19.20 ug/ml



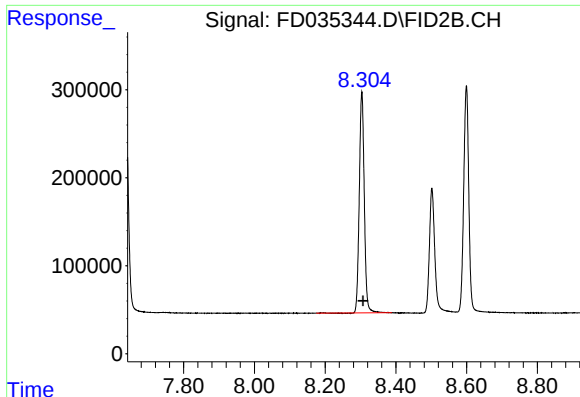
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.028 min
Delta R.T.: -0.005 min
Response: 2607886
Conc: 19.13 ug/ml



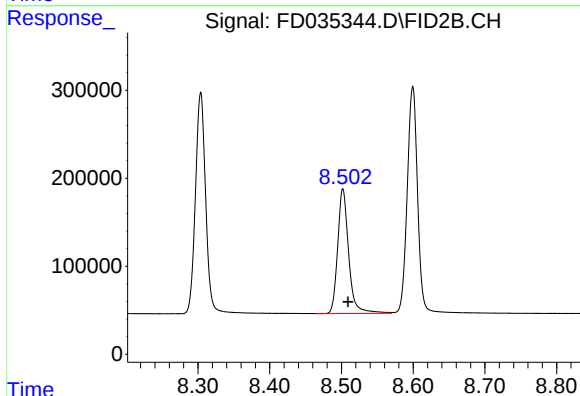
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 2211532
Conc: 19.07 ug/ml



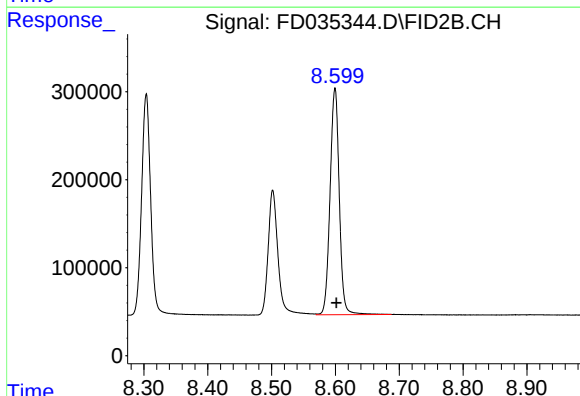
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.003 min
Response: 2466782
Conc: 18.30 ug/ml



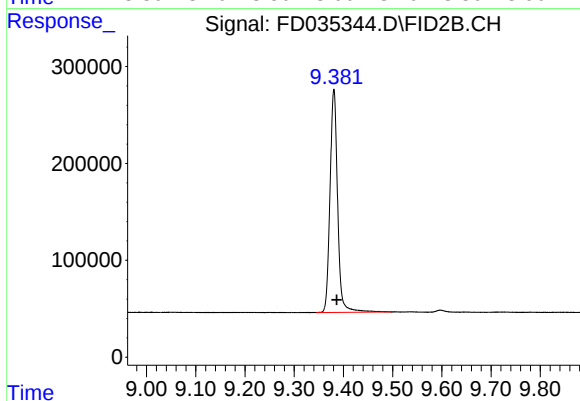
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.007 min
Response: 1510847
Conc: 18.78 ug/ml



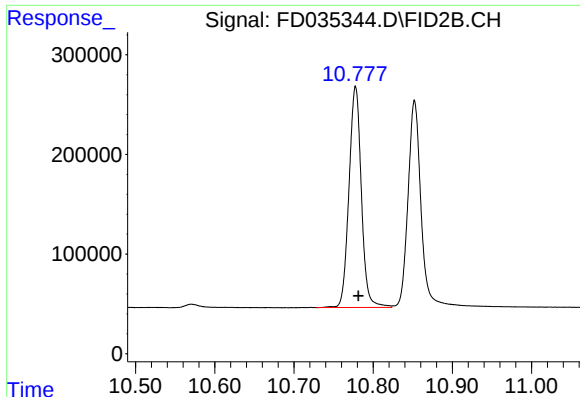
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.002 min
Response: 2585413
Conc: 18.62 ug/ml



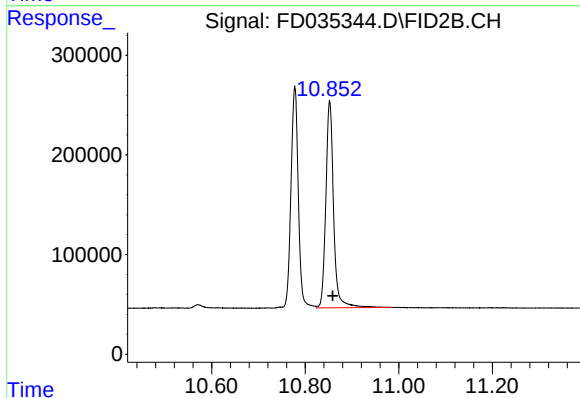
#8 Fluorene (C16.55)

R.T.: 9.381 min
Delta R.T.: -0.006 min
Response: 2473235
Conc: 18.65 ug/ml



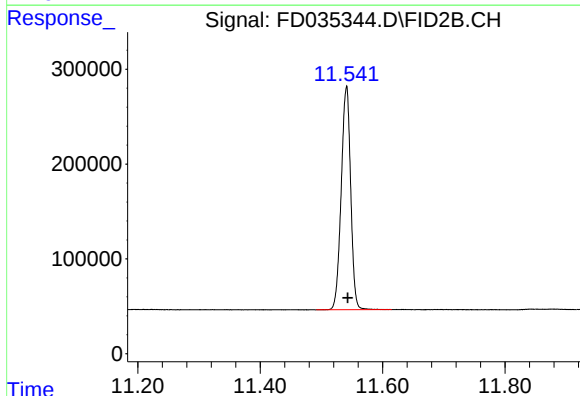
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.004 min
Response: 2407602
Conc: 18.21 ug/ml



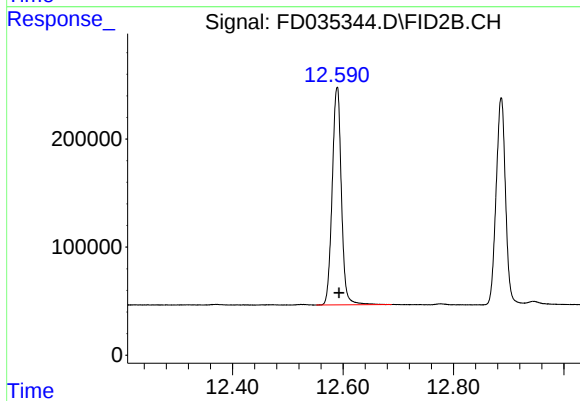
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.006 min
Response: 2387657
Conc: 17.66 ug/ml



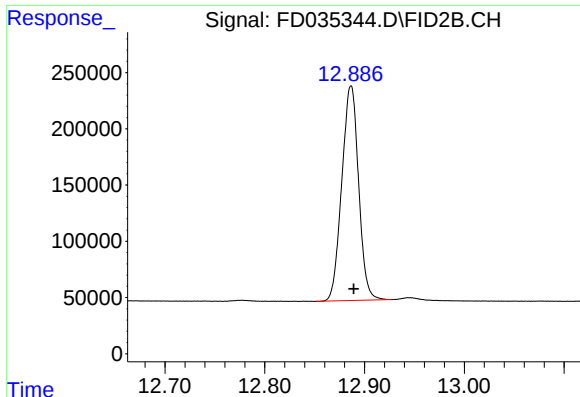
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 2527001
Conc: 18.18 ug/ml



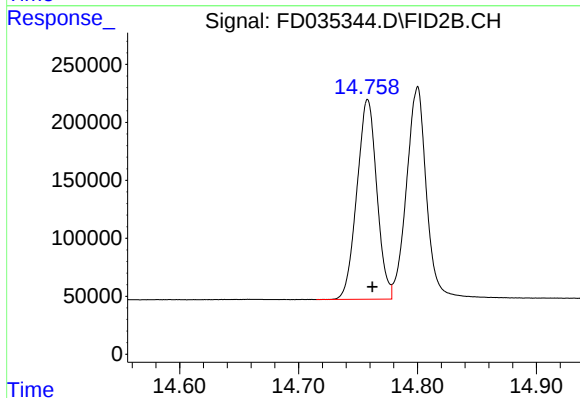
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: -0.004 min
Response: 2323403
Conc: 17.29 ug/ml



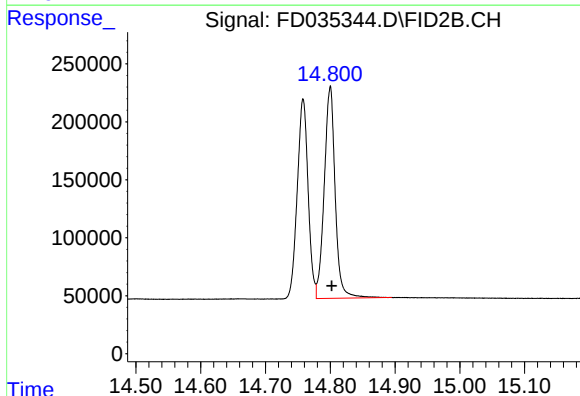
#13 Pyrene (C20.8)

R.T.: 12.886 min
Delta R.T.: -0.003 min
Response: 2232640
Conc: 16.79 ug/ml



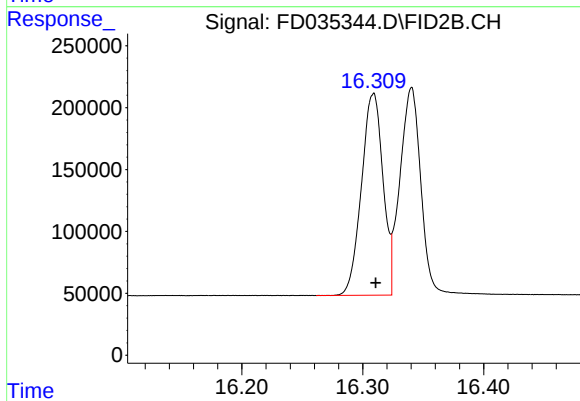
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.758 min
Delta R.T.: -0.004 min
Response: 2002759
Conc: 16.83 ug/ml



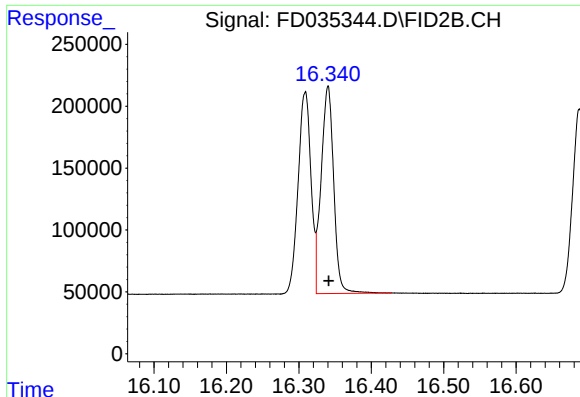
#15 Chrysene (C27.41)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 2147643
Conc: 16.22 ug/ml



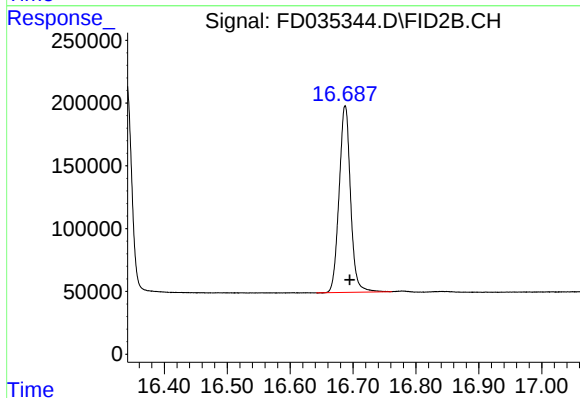
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.309 min
Delta R.T.: -0.002 min
Response: 2018712
Conc: 17.08 ug/ml



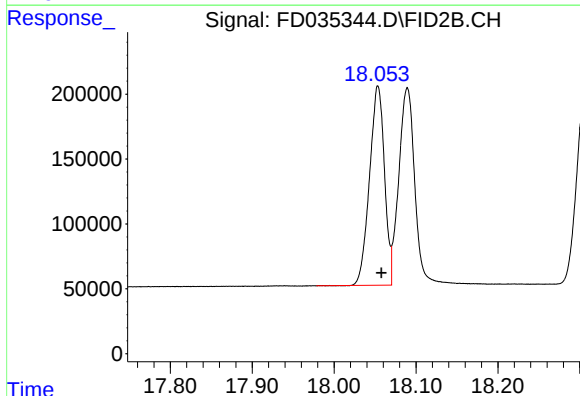
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.340 min
Delta R.T.: 0.000 min
Response: 2022290
Conc: 16.62 ug/ml



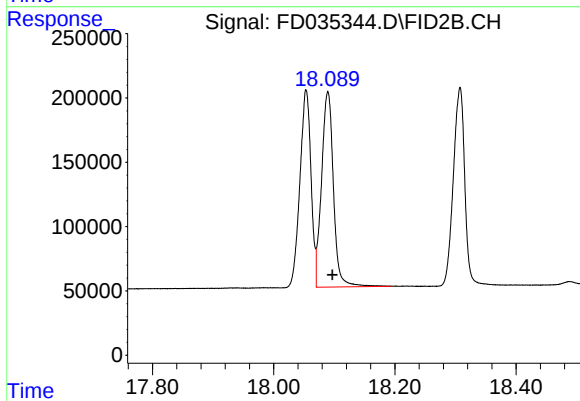
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.687 min
Delta R.T.: -0.008 min
Response: 1874000
Conc: 17.13 ug/ml



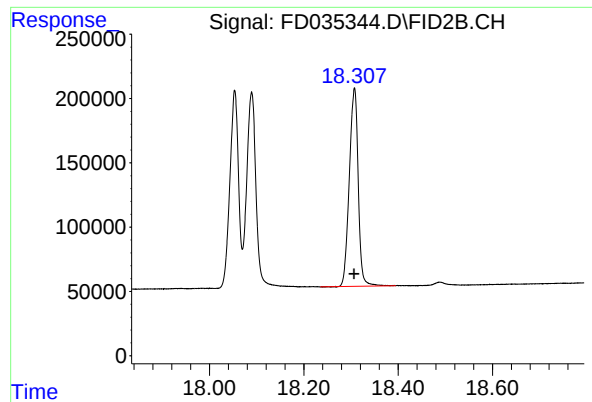
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: -0.004 min
Response: 1946266
Conc: 19.04 ug/ml



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

R.T.: 18.089 min
Delta R.T.: -0.007 min
Response: 2066464
Conc: 18.07 ug/ml



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

R.T.: 18.307 min
Delta R.T.: 0.000 min
Response: 2015810
Conc: 18.83 ug/ml