

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020819AR\
 Data File : FD027641.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2019 9:34
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 10:05:10 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...	7.342	1700900	22.911 ug/ml
Spiked Amount 50.000		Recovery =	45.82%
6) S 2-Fluorobiphenyl (SURR)	8.191	1141025	22.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.85%
11) S ortho-Terphenyl (SURR)	11.230	1922517	21.688 ug/ml
Spiked Amount 50.000		Recovery =	43.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	1662653	21.037 ug/ml
2) T Naphthalene (C11.7)	5.679	1893791	22.249 ug/ml
3) T 2-Methylnaphthalene (...)	6.729	1920779	22.767 ug/ml
5) T Acenaphthylene (C15.06)	7.995	1874174	22.384 ug/ml
7) T Acenaphthene (C15.5)	8.290	1964476	22.349 ug/ml
8) T Fluorene (C16.55)	9.068	1909175	21.892 ug/ml
9) T Phenanthrene (C19.36)	10.455	1846833	21.024 ug/ml
10) T Anthracene (C19.43)	10.529	1819633	21.058 ug/ml
12) T Fluoranthene (C21.85)	12.257	1873056	20.922 ug/ml
13) T Pyrene (C20.8)	12.551	1867935	21.051 ug/ml
14) T Benzo[a]anthracene (C...	14.417	1855399	20.750 ug/ml
15) T Chrysene (C27.41)	14.460	1879782	20.700 ug/ml
16) T benzo[b]fluoranthene ...	15.961	1923264	19.692 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	1957265	19.795 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	1898196	19.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	1871038	18.868 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	1861669	18.927 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	1913261	18.872 ug/ml

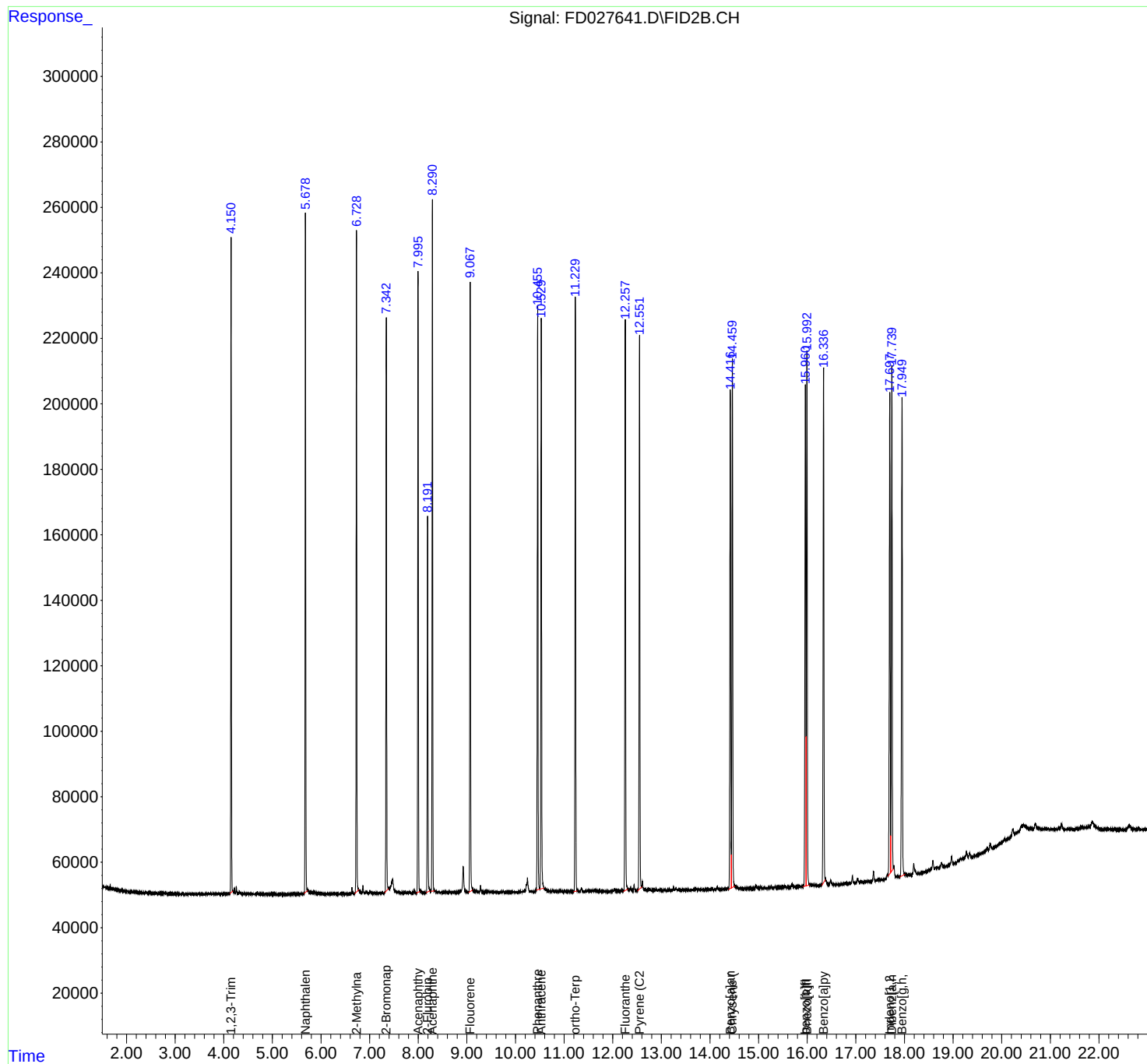
(f)=RT Delta > 1/2 Window

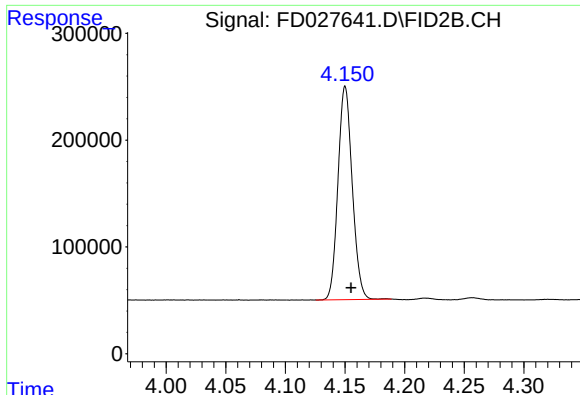
(m)=manual int.

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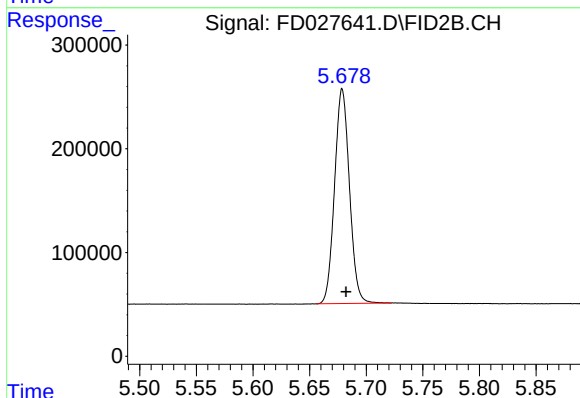
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Signal Info : 20M x 0.18mm x 0.18µm





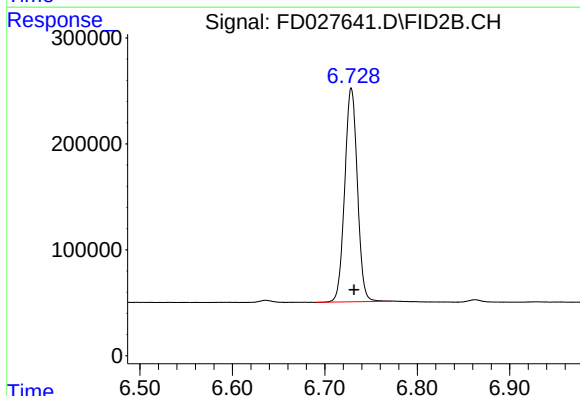
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 1662653
Conc: 21.04 ug/ml



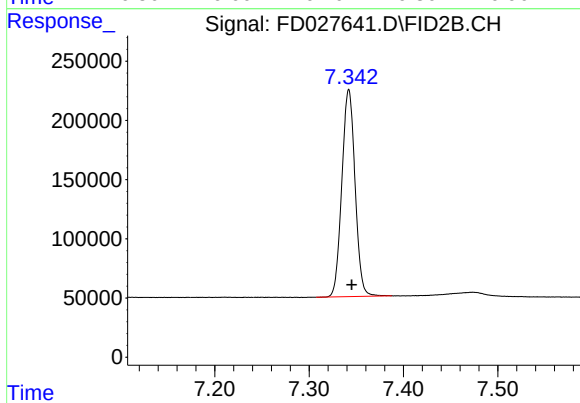
#2 Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 1893791
Conc: 22.25 ug/ml



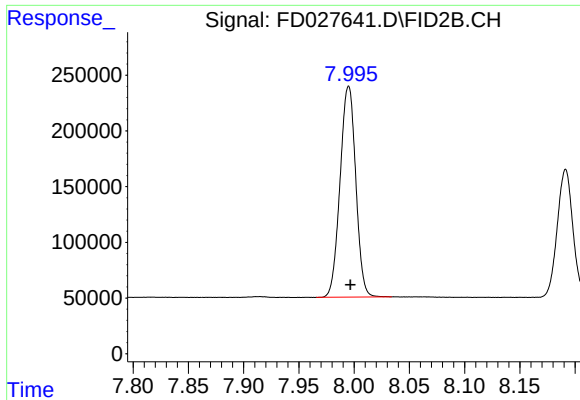
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 1920779
Conc: 22.77 ug/ml



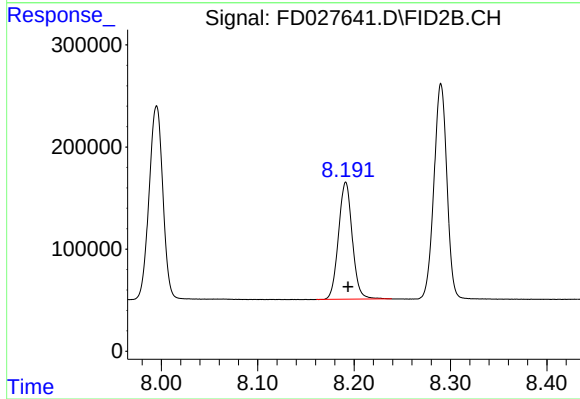
#4 2-Bromonaphthalene (SURR)

R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 1700900
Conc: 22.91 ug/ml



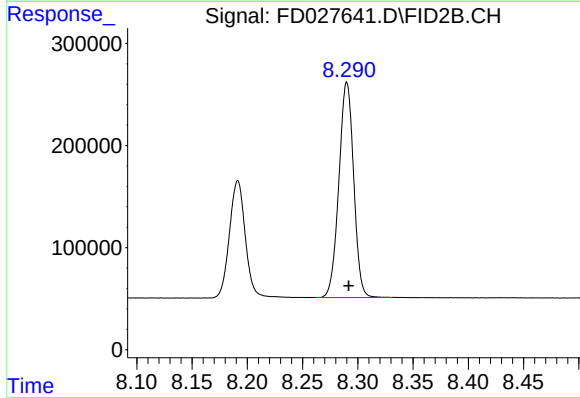
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 1874174
Conc: 22.38 ug/ml



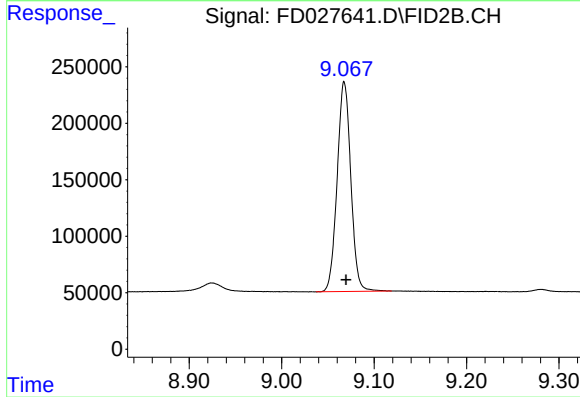
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: 1141025
Conc: 22.43 ug/ml



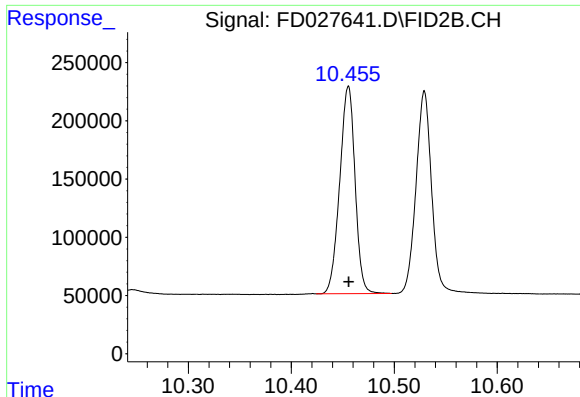
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.002 min
Response: 1964476
Conc: 22.35 ug/ml



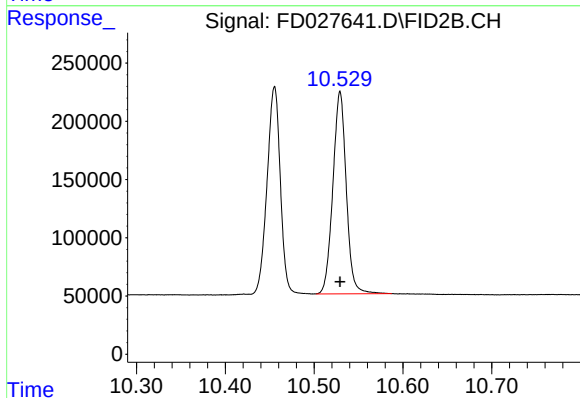
#8 Flouorene (C16.55)

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 1909175
Conc: 21.89 ug/ml



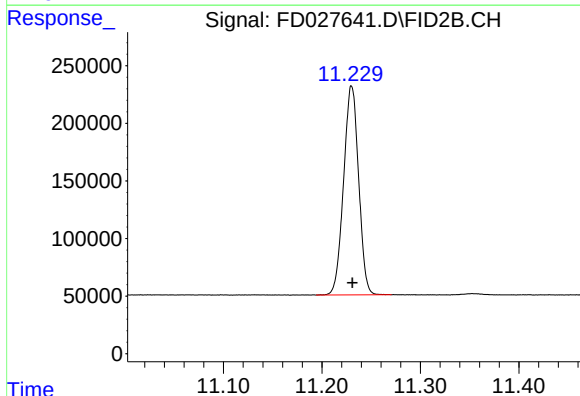
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 1846833
Conc: 21.02 ug/ml



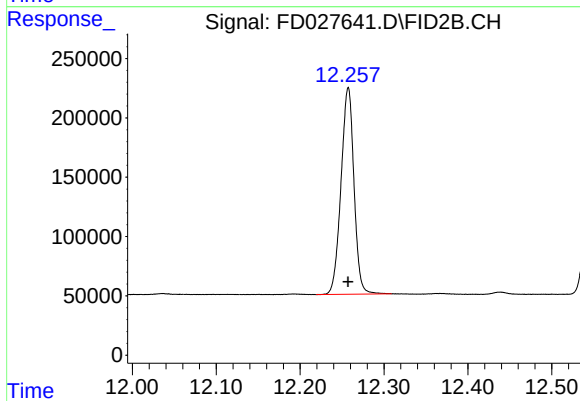
#10 Anthracene (C19.43)

R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 1819633
Conc: 21.06 ug/ml



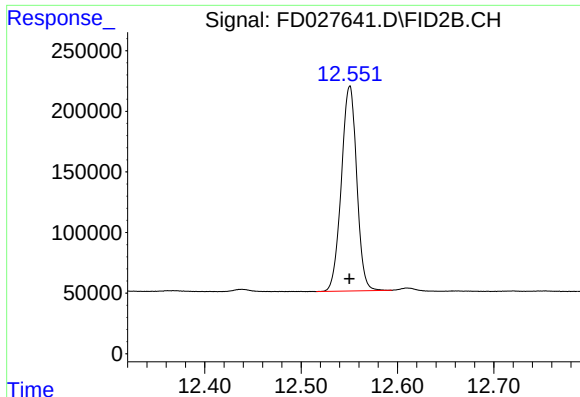
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1922517
Conc: 21.69 ug/ml



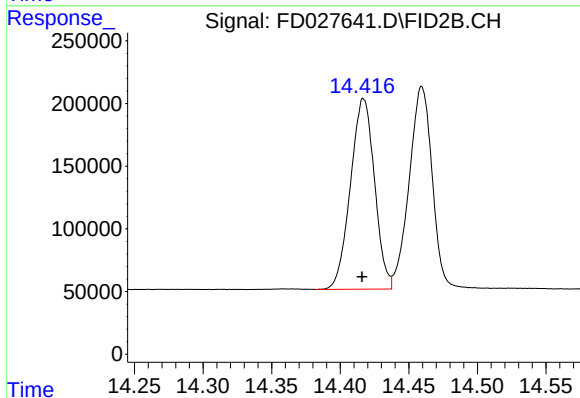
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: 0.000 min
Response: 1873056
Conc: 20.92 ug/ml



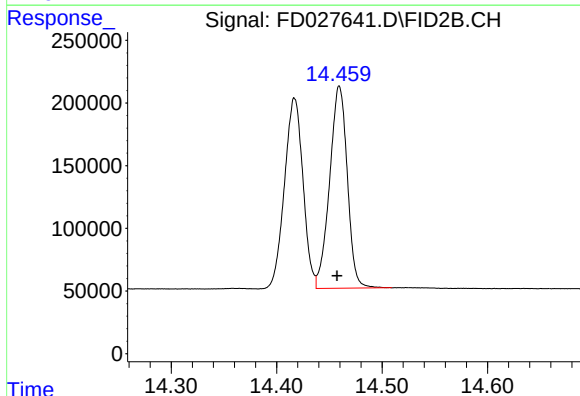
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: 0.000 min
Response: 1867935
Conc: 21.05 ug/ml



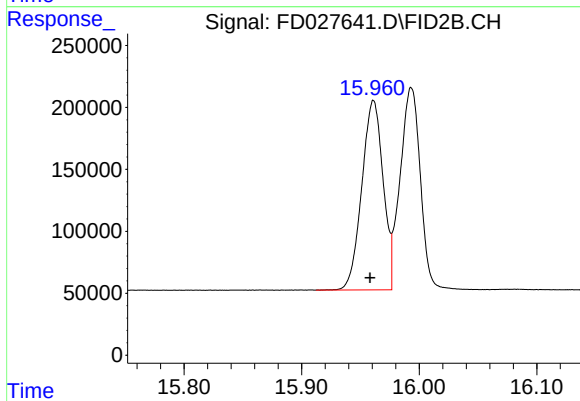
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: 0.000 min
Response: 1855399
Conc: 20.75 ug/ml



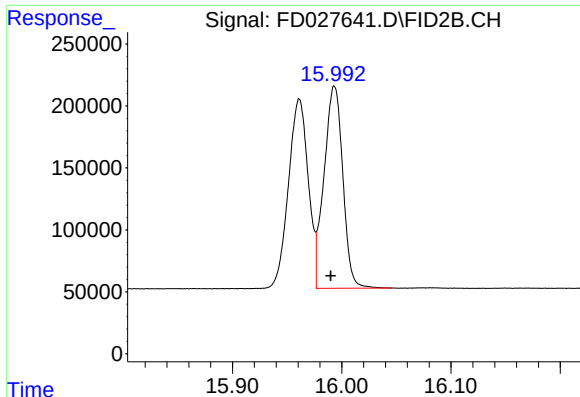
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: 0.002 min
Response: 1879782
Conc: 20.70 ug/ml



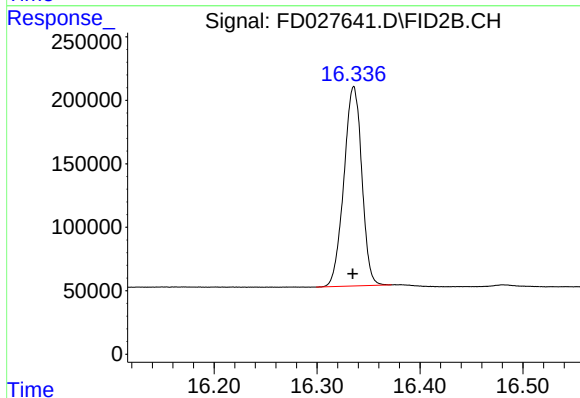
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.961 min
Delta R.T.: 0.003 min
Response: 1923264
Conc: 19.69 ug/ml



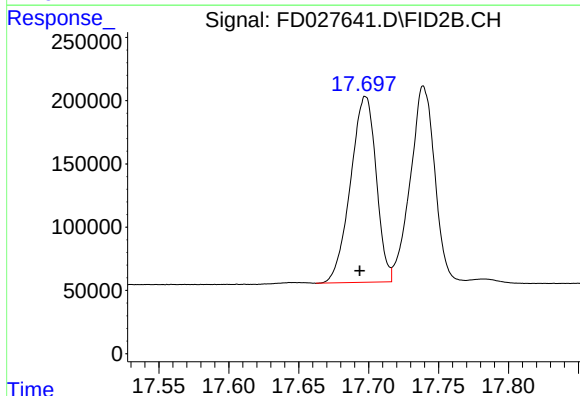
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.993 min
Delta R.T.: 0.004 min
Response: 1957265
Conc: 19.80 ug/ml



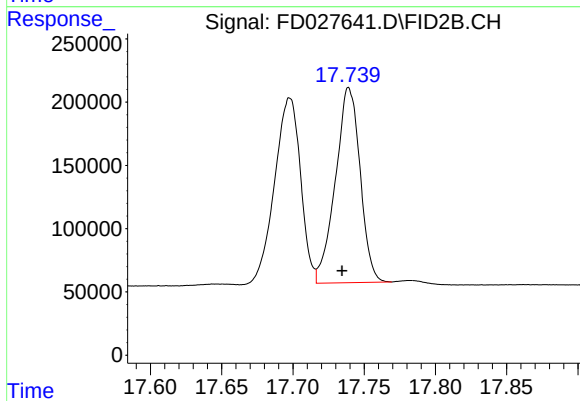
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: 0.001 min
Response: 1898196
Conc: 19.41 ug/ml



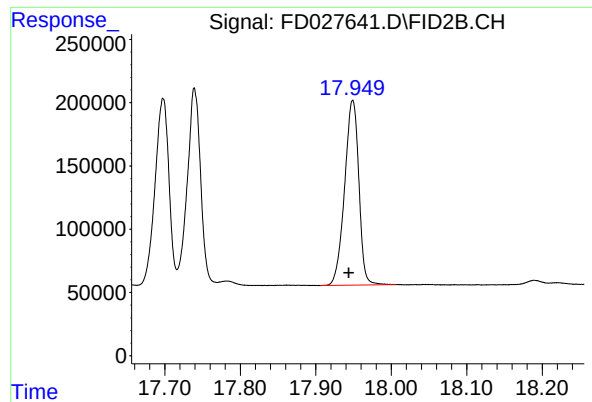
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: 0.004 min
Response: 1871038
Conc: 18.87 ug/ml



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

R.T.: 17.739 min
Delta R.T.: 0.005 min
Response: 1861669
Conc: 18.93 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.005 min
Response: 1913261
Conc: 18.87 ug/ml