

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021219AR\
 Data File : FD027713.D
 Signal(s) : FID2B.CH
 Acq On : 13 Feb 2019 10:43
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 11:08:39 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	1589716	21.413 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
6) S 2-Fluorobiphenyl (SURR)	8.187	1084434	21.314 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.63%
11) S ortho-Terphenyl (SURR)	11.226	1918461	21.642 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1714127	21.688 ug/ml
2) T Naphthalene (C11.7)	5.674	1803850	21.192 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	1796190	21.291 ug/ml
5) T Acenaphthylene (C15.06)	7.990	1776063	21.212 ug/ml
7) T Acenaphthene (C15.5)	8.285	1864763	21.215 ug/ml
8) T Fluorene (C16.55)	9.063	1834678	21.038 ug/ml
9) T Phenanthrene (C19.36)	10.450	1879975	21.401 ug/ml
10) T Anthracene (C19.43)	10.524	1841671	21.314 ug/ml
12) T Fluoranthene (C21.85)	12.251	1943853	21.713 ug/ml
13) T Pyrene (C20.8)	12.544	1935735	21.815 ug/ml
14) T Benzo[a]anthracene (C...	14.412	1916891	21.438 ug/ml
15) T Chrysene (C27.41)	14.454	1954332	21.520 ug/ml
16) T benzo[b]fluoranthene ...	15.955	1987125	20.346 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	2045817	20.691 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	1960919	20.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.691	1868544	18.842 ug/ml
20) T Dibenz[a,h]anthracene...	17.733	1852269	18.831 ug/ml
21) T Benzo[g,h,i]perylene ...	17.943	1952063	19.255 ug/ml

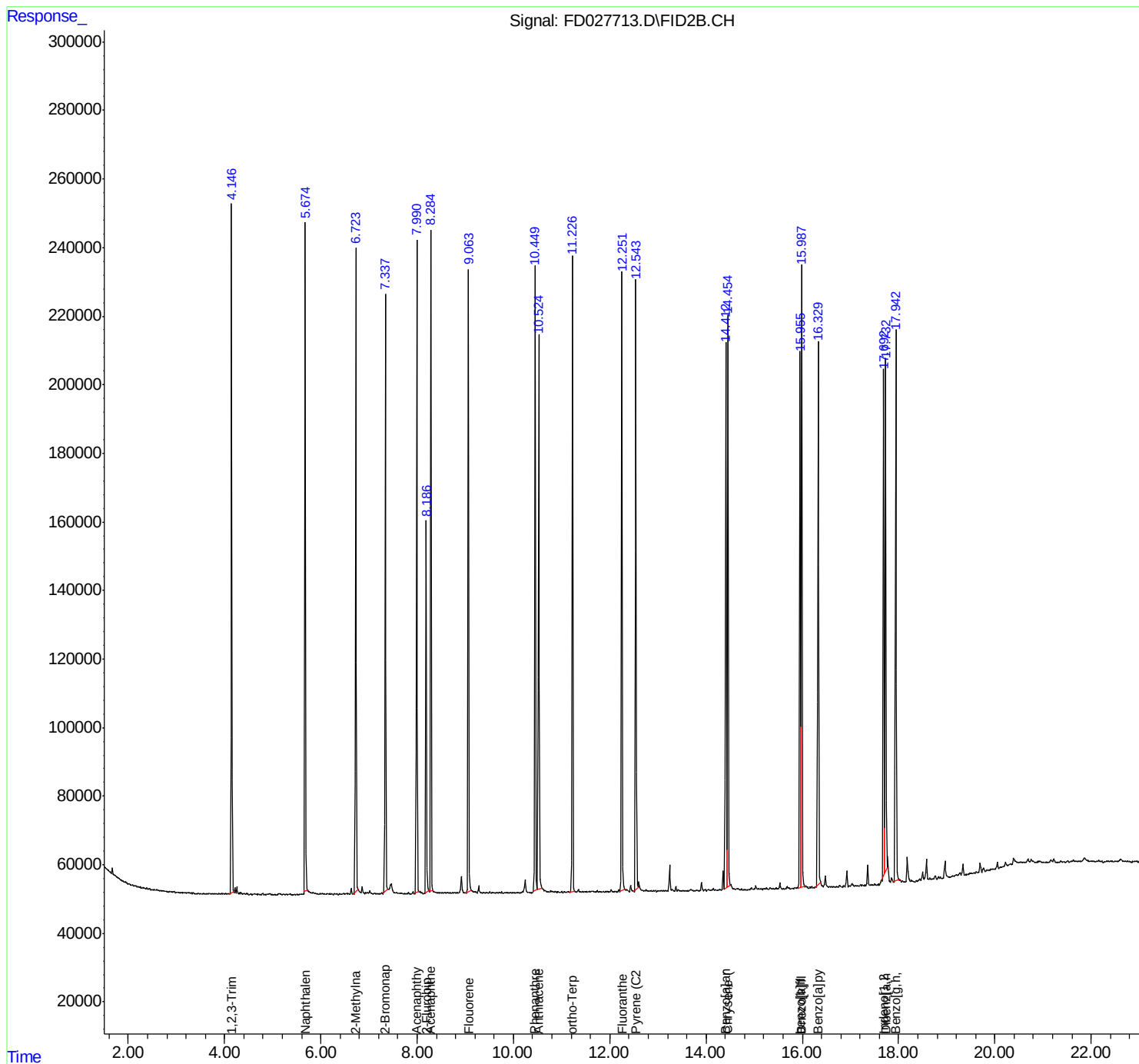
(f)=RT Delta > 1/2 Window

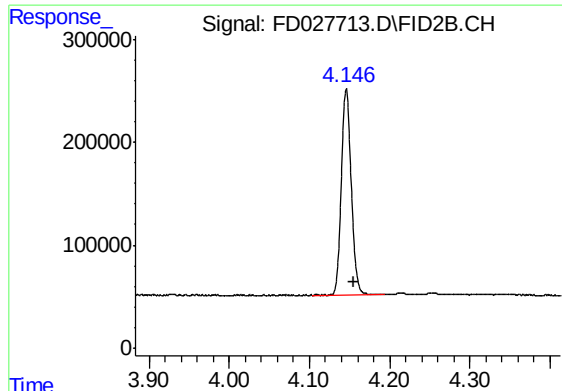
(m)=manual int.

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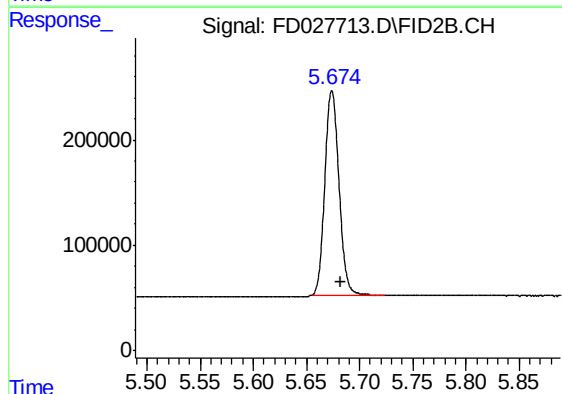
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





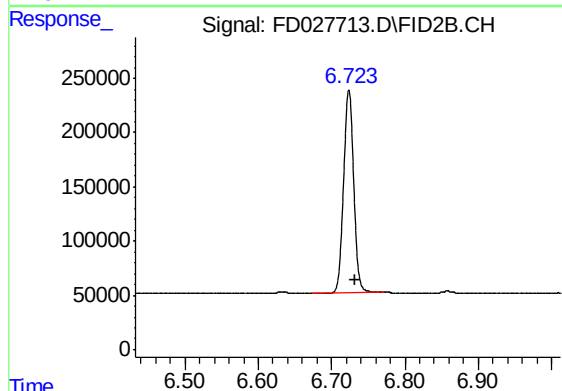
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1714127
Conc: 21.69 ug/ml



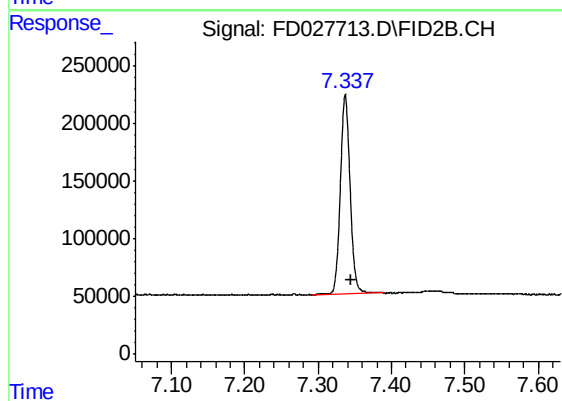
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 1803850
Conc: 21.19 ug/ml



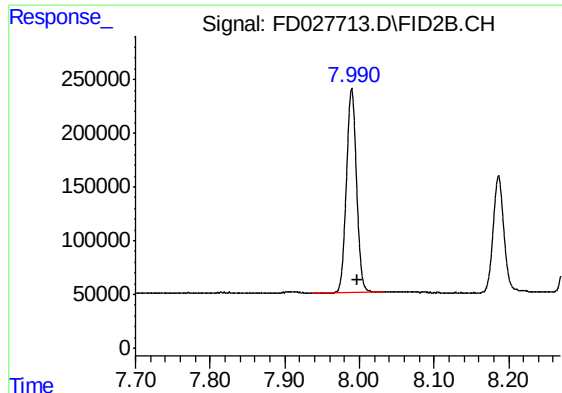
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 1796190
Conc: 21.29 ug/ml



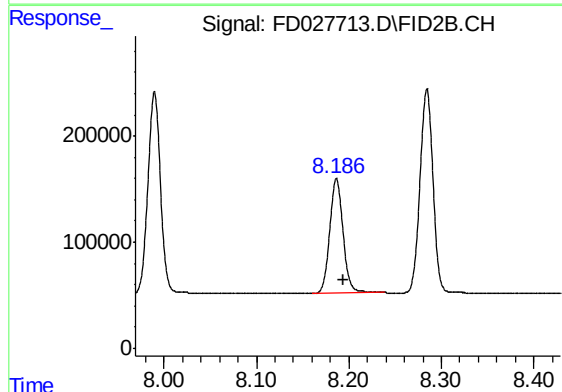
#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 1589716
Conc: 21.41 ug/ml



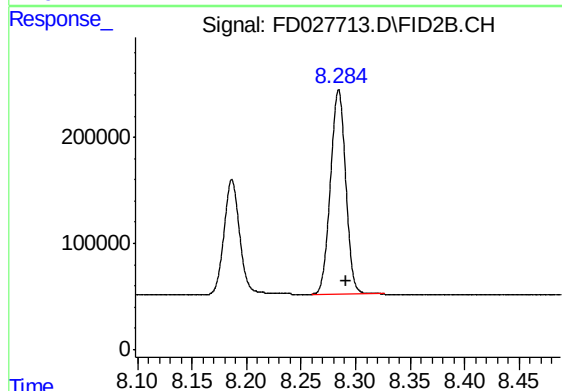
#5 Acenaphthylene (C15.06)

R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 1776063
Conc: 21.21 ug/ml



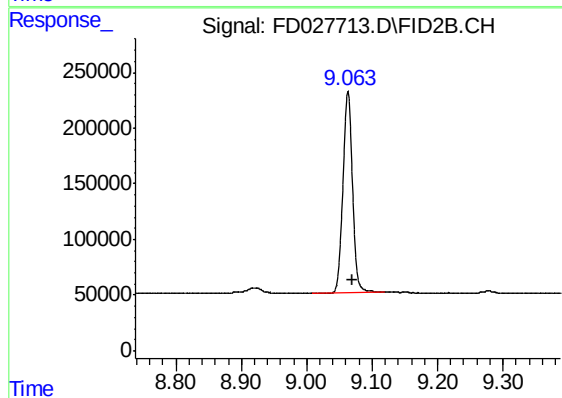
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.187 min
Delta R.T.: -0.007 min
Response: 1084434
Conc: 21.31 ug/ml



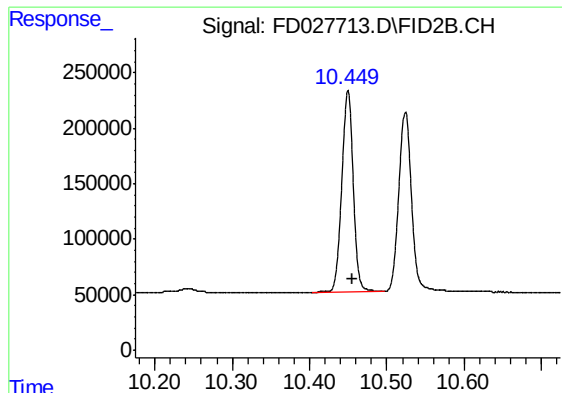
#7 Acenaphthene (C15.5)

R.T.: 8.285 min
Delta R.T.: -0.007 min
Response: 1864763
Conc: 21.21 ug/ml



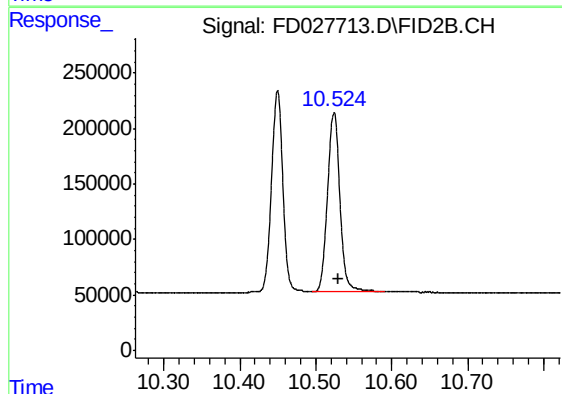
#8 Fluorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.007 min
Response: 1834678
Conc: 21.04 ug/ml



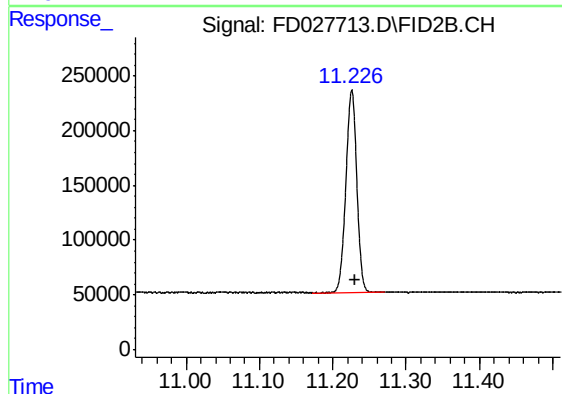
#9 Phenanthrene (C19.36)

R.T.: 10.450 min
Delta R.T.: -0.006 min
Response: 1879975
Conc: 21.40 ug/ml



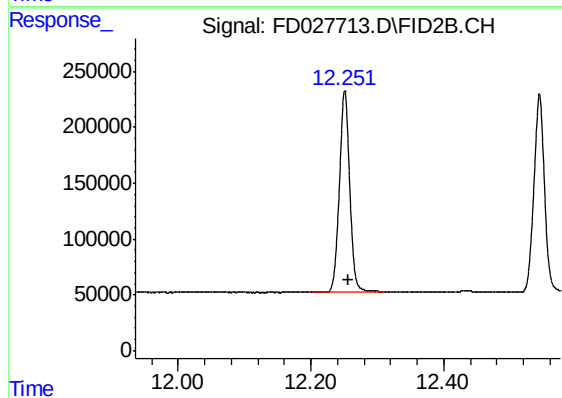
#10 Anthracene (C19.43)

R.T.: 10.524 min
Delta R.T.: -0.005 min
Response: 1841671
Conc: 21.31 ug/ml



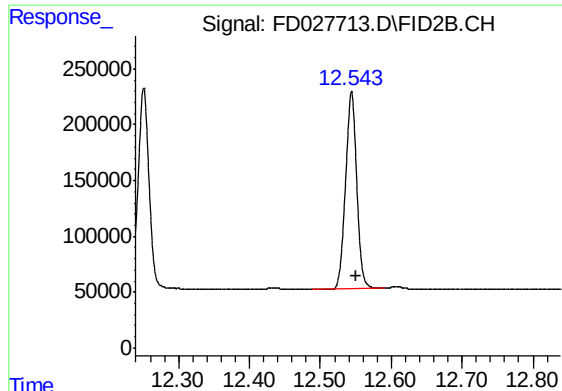
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.005 min
Response: 1918461
Conc: 21.64 ug/ml



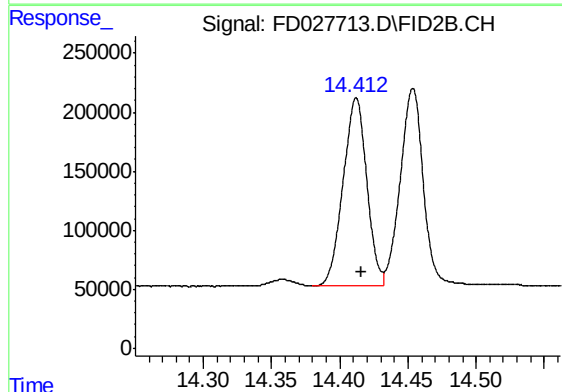
#12 Fluoranthene (C21.85)

R.T.: 12.251 min
Delta R.T.: -0.006 min
Response: 1943853
Conc: 21.71 ug/ml



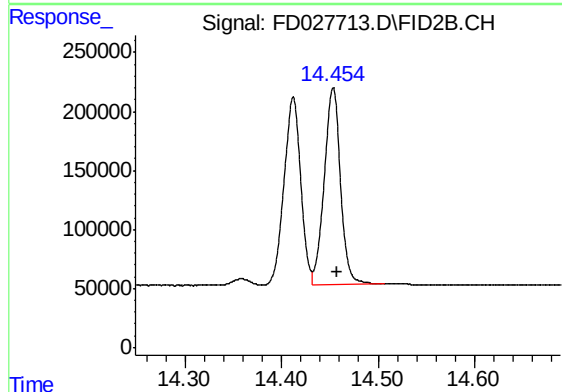
#13 Pyrene (C20.8)

R.T.: 12.544 min
Delta R.T.: -0.006 min
Response: 1935735
Conc: 21.81 ug/ml



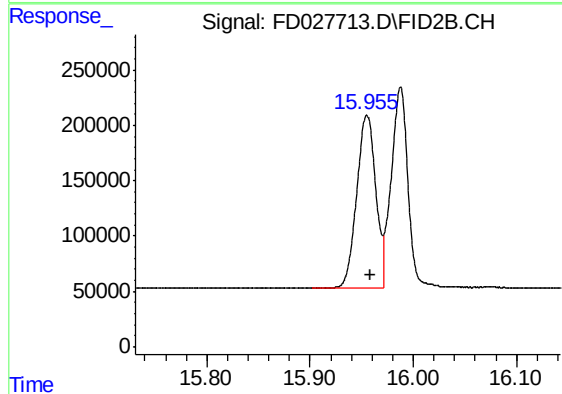
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: -0.004 min
Response: 1916891
Conc: 21.44 ug/ml



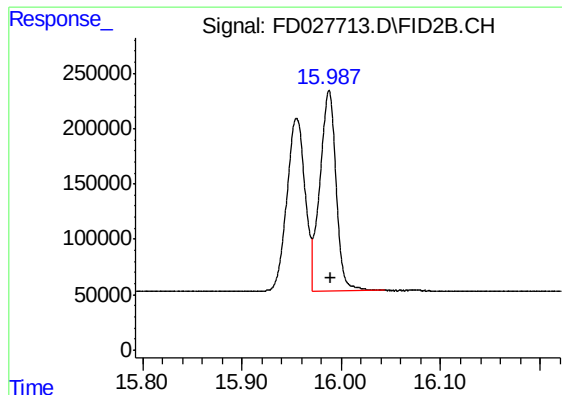
#15 Chrysene (C27.41)

R.T.: 14.454 min
Delta R.T.: -0.004 min
Response: 1954332
Conc: 21.52 ug/ml



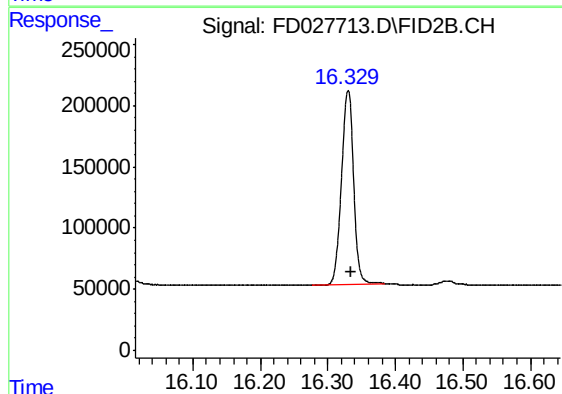
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.955 min
Delta R.T.: -0.003 min
Response: 1987125
Conc: 20.35 ug/ml



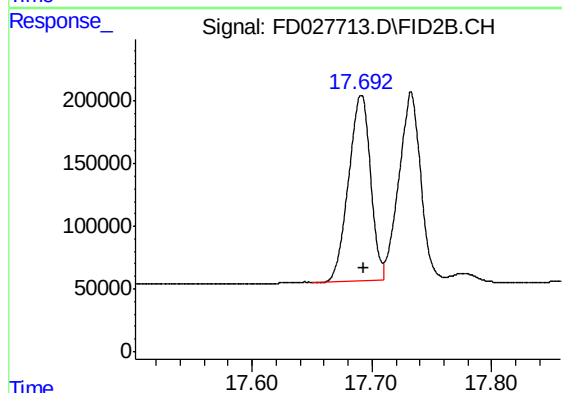
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.002 min
Response: 2045817
Conc: 20.69 ug/ml



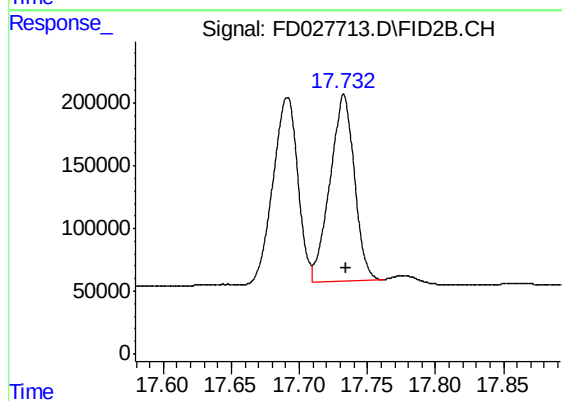
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.004 min
Response: 1960919
Conc: 20.06 ug/ml



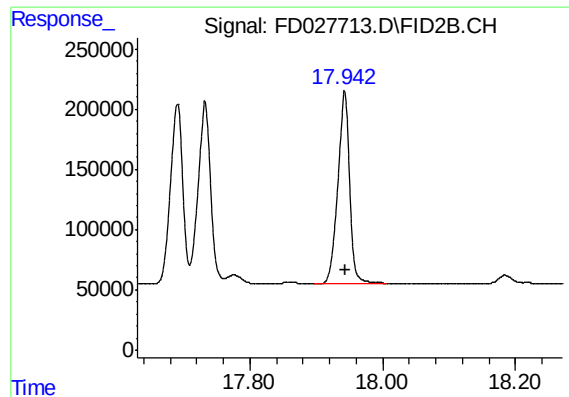
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.691 min
Delta R.T.: -0.002 min
Response: 1868544
Conc: 18.84 ug/ml



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

R.T.: 17.733 min
Delta R.T.: -0.002 min
Response: 1852269
Conc: 18.83 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.001 min
Response: 1952063
Conc: 19.25 ug/ml