

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021219AR\
 Data File : FD027709.D
 Signal(s) : FID2B.CH
 Acq On : 13 Feb 2019 8:15
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 09:14:50 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...	7.338	1709597	23.028 ug/ml
Spiked Amount 50.000		Recovery =	46.06%
6) S 2-Fluorobiphenyl (SURR)	8.187	1150031	22.604 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.21%
11) S ortho-Terphenyl (SURR)	11.226	1968043	22.201 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1702716	21.544 ug/ml
2) T Naphthalene (C11.7)	5.674	1903684	22.365 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	1927104	22.842 ug/ml
5) T Acenaphthylene (C15.06)	7.990	1895935	22.644 ug/ml
7) T Acenaphthene (C15.5)	8.285	1985225	22.585 ug/ml
8) T Fluorene (C16.55)	9.063	1926363	22.089 ug/ml
9) T Phenanthrene (C19.36)	10.449	1905994	21.698 ug/ml
10) T Anthracene (C19.43)	10.524	1861756	21.546 ug/ml
12) T Fluoranthene (C21.85)	12.251	1916443	21.406 ug/ml
13) T Pyrene (C20.8)	12.546	1916546	21.598 ug/ml
14) T Benzo[a]anthracene (C...	14.412	1902772	21.280 ug/ml
15) T Chrysene (C27.41)	14.453	1942167	21.386 ug/ml
16) T benzo[b]fluoranthene ...	15.956	1968006	20.150 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	2031451	20.545 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	1939722	19.838 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.691	1866937	18.826 ug/ml
20) T Dibenz[a,h]anthracene...	17.733	1843166	18.739 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	1937468	19.111 ug/ml

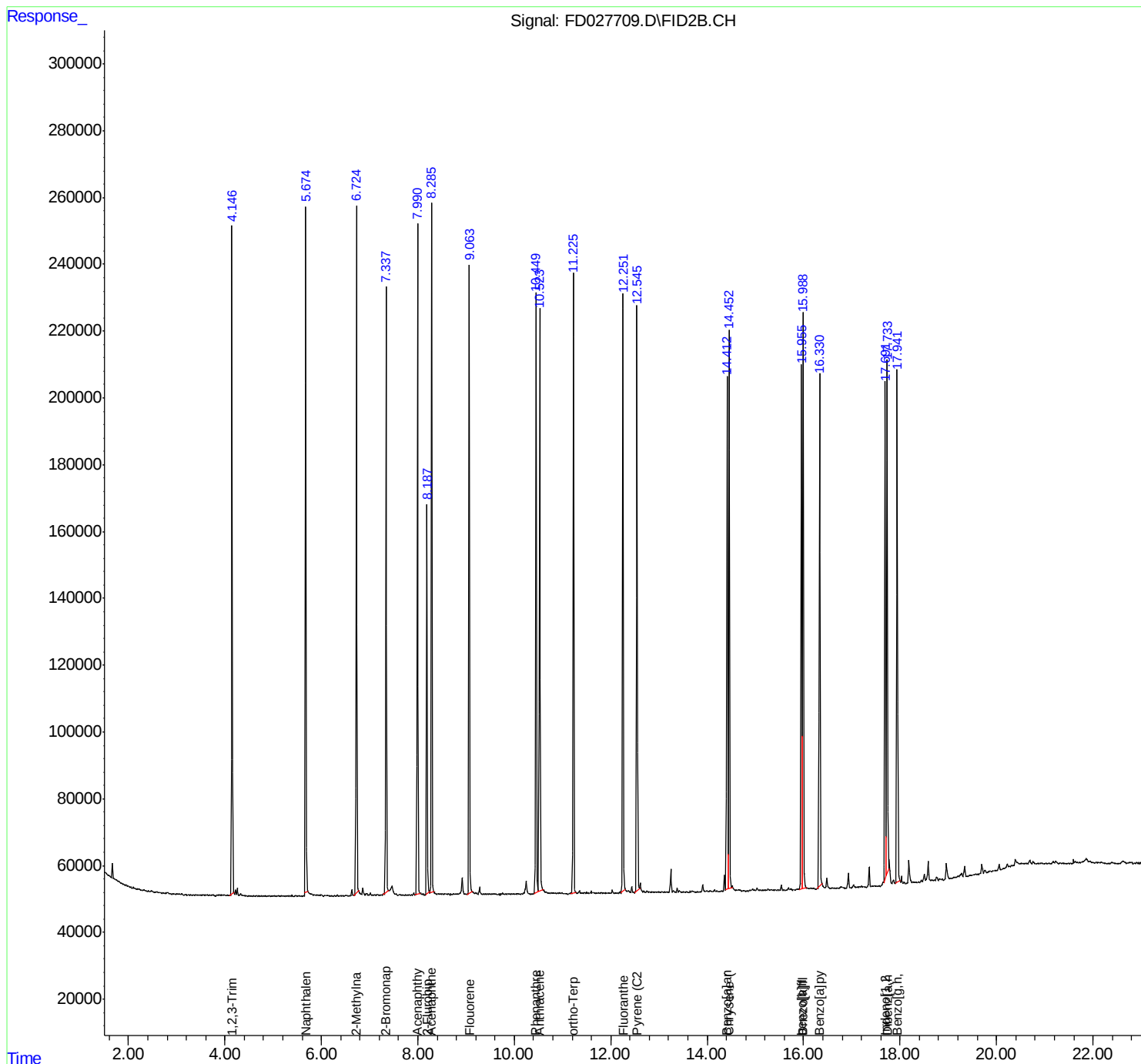
(f)=RT Delta > 1/2 Window

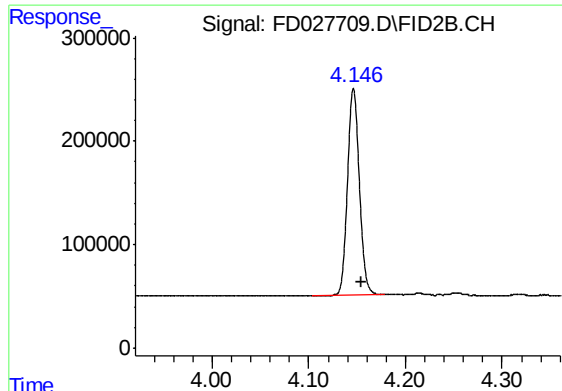
(m)=manual int.

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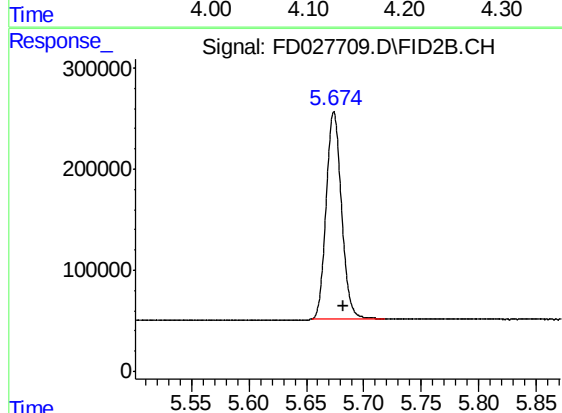
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Signal Info : 20M x 0.18mm x 0.18µm





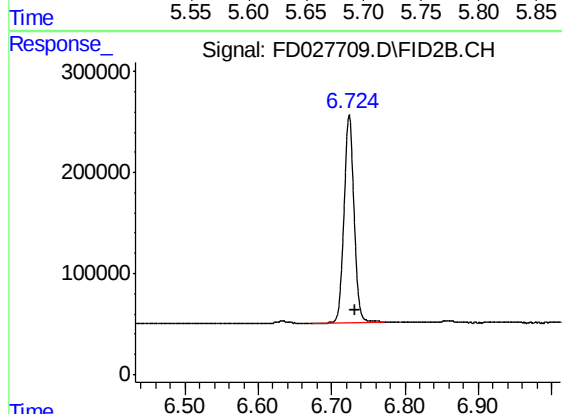
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1702716
Conc: 21.54 ug/ml



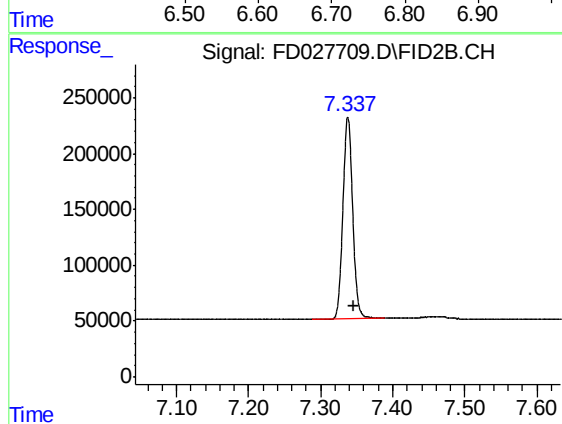
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 1903684
Conc: 22.37 ug/ml



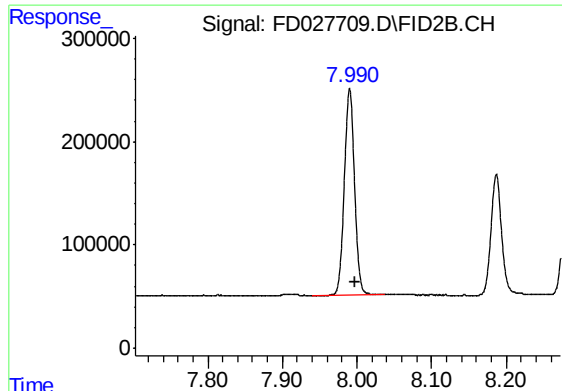
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 1927104
Conc: 22.84 ug/ml



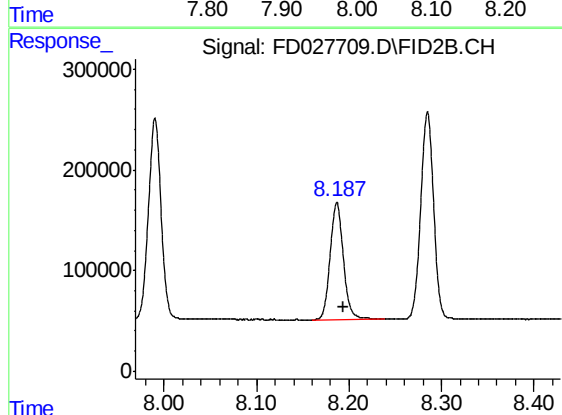
#4 2-Bromonaphthalene (SURR)

R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 1709597
Conc: 23.03 ug/ml



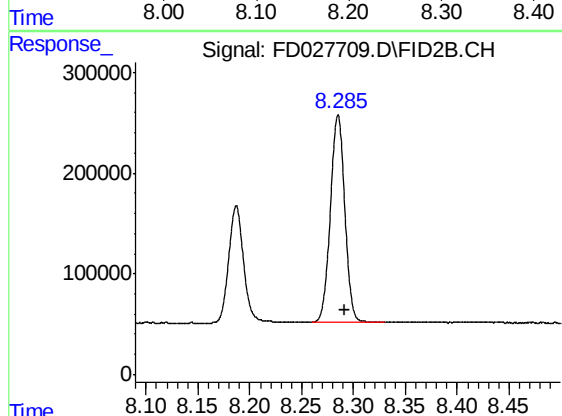
#5 Acenaphthylene (C15.06)

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 1895935
Conc: 22.64 ug/ml



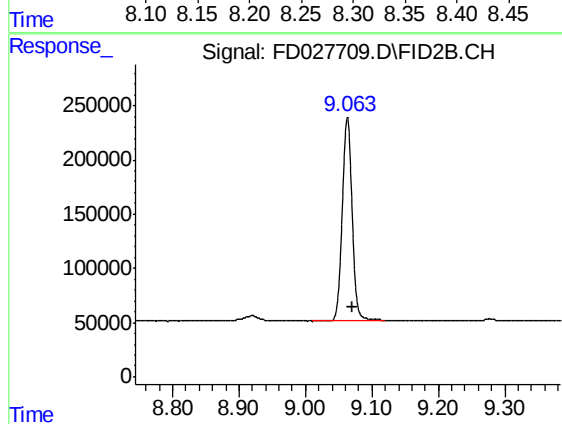
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.187 min
Delta R.T.: -0.007 min
Response: 1150031
Conc: 22.60 ug/ml



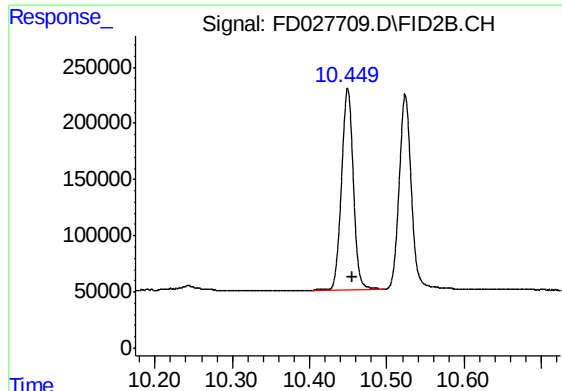
#7 Acenaphthene (C15.5)

R.T.: 8.285 min
Delta R.T.: -0.007 min
Response: 1985225
Conc: 22.59 ug/ml



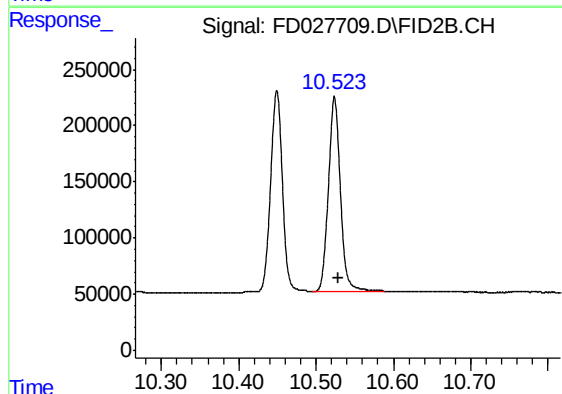
#8 Flouorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.007 min
Response: 1926363
Conc: 22.09 ug/ml



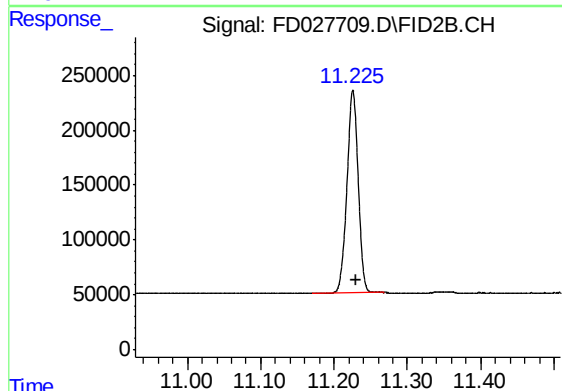
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.006 min
Response: 1905994
Conc: 21.70 ug/ml



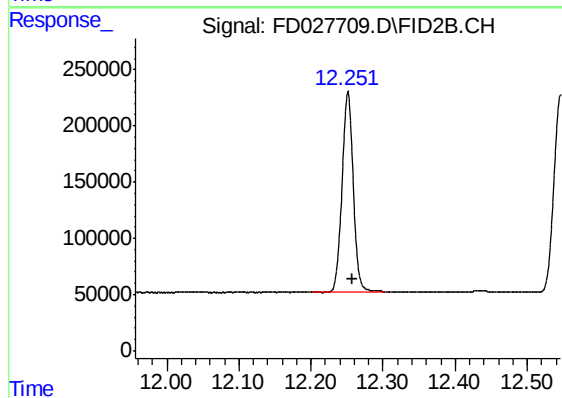
#10 Anthracene (C19.43)

R.T.: 10.524 min
Delta R.T.: -0.006 min
Response: 1861756
Conc: 21.55 ug/ml



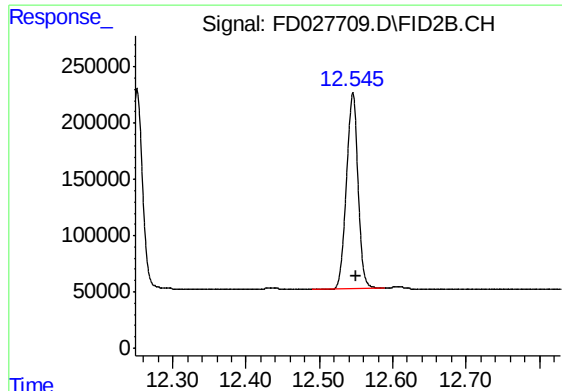
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.005 min
Response: 1968043
Conc: 22.20 ug/ml



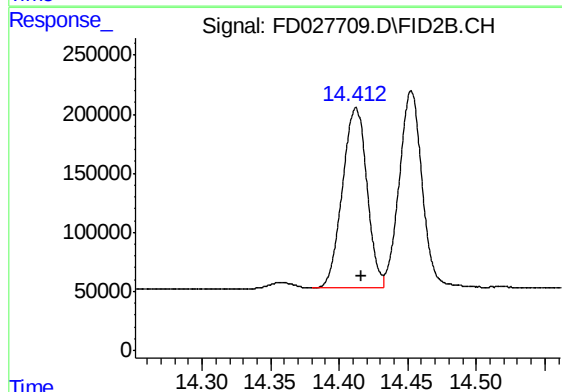
#12 Fluoranthene (C21.85)

R.T.: 12.251 min
Delta R.T.: -0.006 min
Response: 1916443
Conc: 21.41 ug/ml



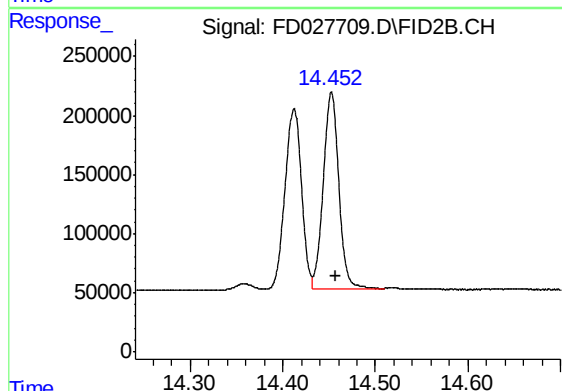
#13 Pyrene (C20.8)

R.T.: 12.546 min
Delta R.T.: -0.005 min
Response: 1916546
Conc: 21.60 ug/ml



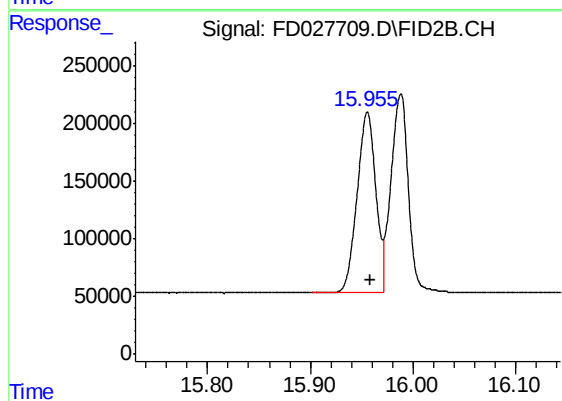
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: -0.004 min
Response: 1902772
Conc: 21.28 ug/ml



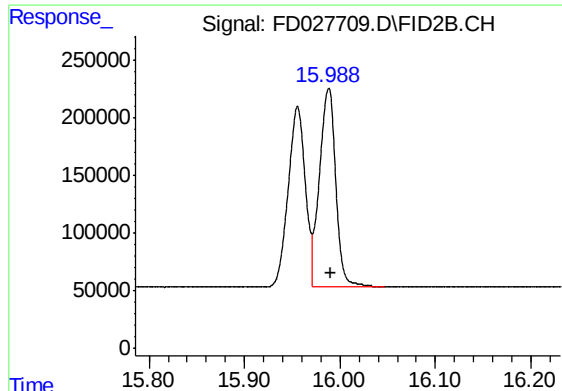
#15 Chrysene (C27.41)

R.T.: 14.453 min
Delta R.T.: -0.005 min
Response: 1942167
Conc: 21.39 ug/ml



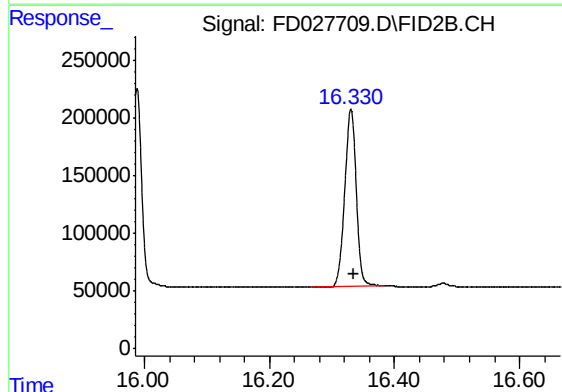
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 1968006
Conc: 20.15 ug/ml



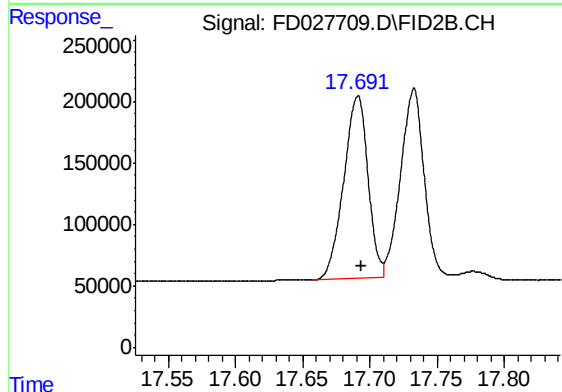
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.001 min
Response: 2031451
Conc: 20.55 ug/ml



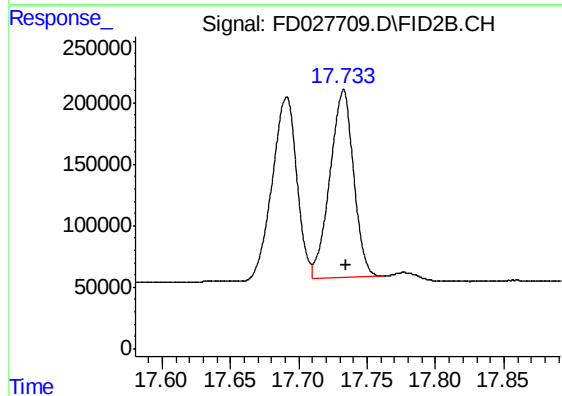
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.004 min
Response: 1939722
Conc: 19.84 ug/ml



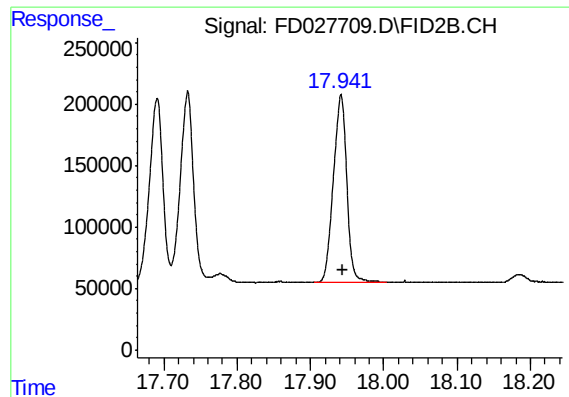
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.691 min
Delta R.T.: -0.003 min
Response: 1866937
Conc: 18.83 ug/ml



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

R.T.: 17.733 min
Delta R.T.: -0.002 min
Response: 1843166
Conc: 18.74 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 1937468
Conc: 19.11 ug/ml