

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021119AR\
 Data File : FD027651.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2019 10:40
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 01:20:00 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...	7.341	1618747	21.804 ug/ml
Spiked Amount 50.000		Recovery =	43.61%
6) S 2-Fluorobiphenyl (SURR)	8.189	1112477	21.866 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.73%
11) S ortho-Terphenyl (SURR)	11.227	1931960	21.794 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	1568737	19.849 ug/ml
2) T Naphthalene (C11.7)	5.678	1793239	21.068 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	1826757	21.653 ug/ml
5) T Acenaphthylene (C15.06)	7.993	1821509	21.755 ug/ml
7) T Acenaphthene (C15.5)	8.287	1922274	21.869 ug/ml
8) T Fluorene (C16.55)	9.065	1879113	21.547 ug/ml
9) T Phenanthrene (C19.36)	10.451	1849961	21.060 ug/ml
10) T Anthracene (C19.43)	10.525	1825062	21.121 ug/ml
12) T Fluoranthene (C21.85)	12.253	1876994	20.966 ug/ml
13) T Pyrene (C20.8)	12.546	1878297	21.167 ug/ml
14) T Benzo[a]anthracene (C...	14.413	1861435	20.818 ug/ml
15) T Chrysene (C27.41)	14.454	1890498	20.818 ug/ml
16) T benzo[b]fluoranthene ...	15.957	1941346	19.877 ug/ml
17) T Bnezo[k]fluoranthene ...	15.989	1976566	19.990 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.333	1910550	19.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.693	1894172	19.101 ug/ml
20) T Dibenz[a,h]anthracene...	17.735	1943516	19.759 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	1932169	19.059 ug/ml

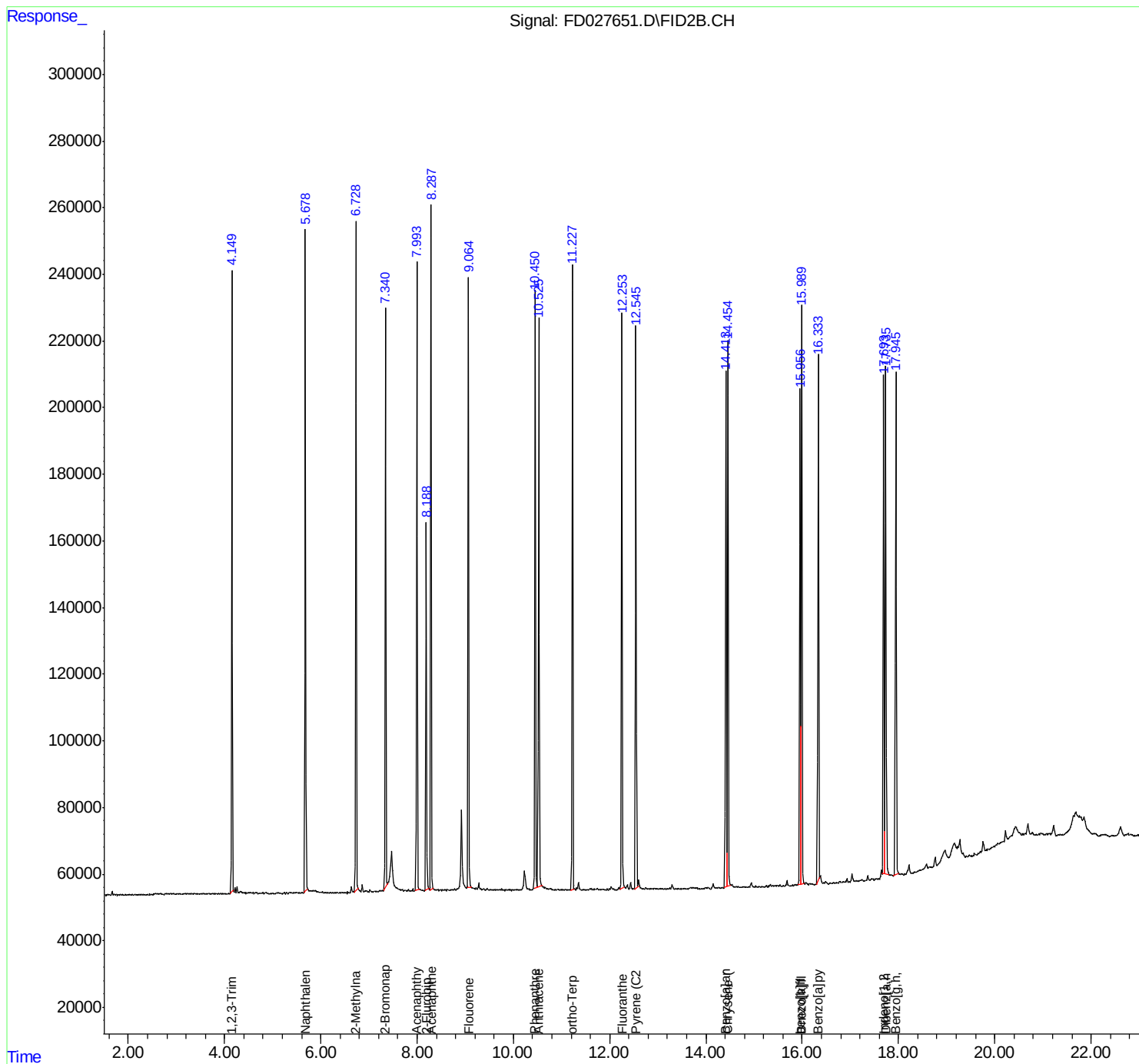
(f)=RT Delta > 1/2 Window

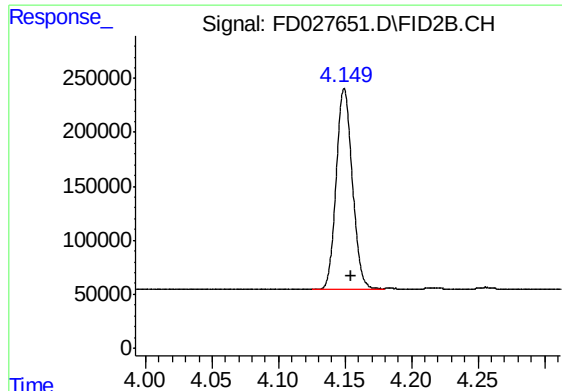
(m)=manual int.

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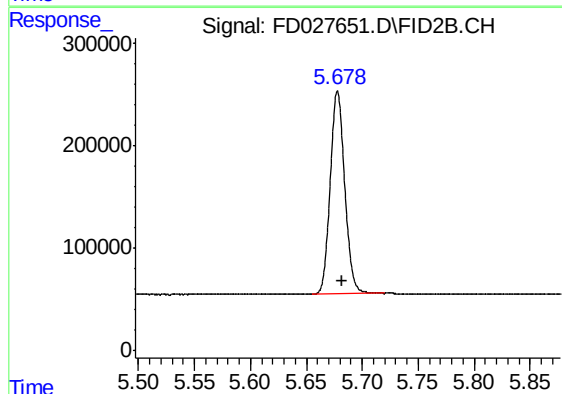
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Signal Info : 20M x 0.18mm x 0.18µm





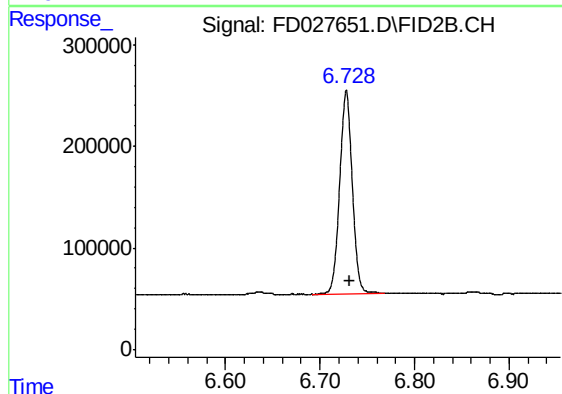
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 1568737
Conc: 19.85 ug/ml



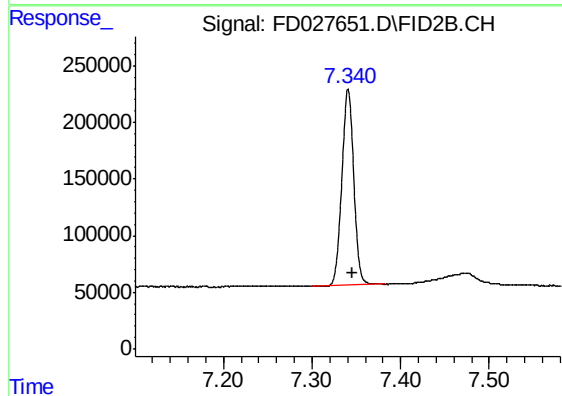
#2 Naphthalene (C11.7)

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 1793239
Conc: 21.07 ug/ml



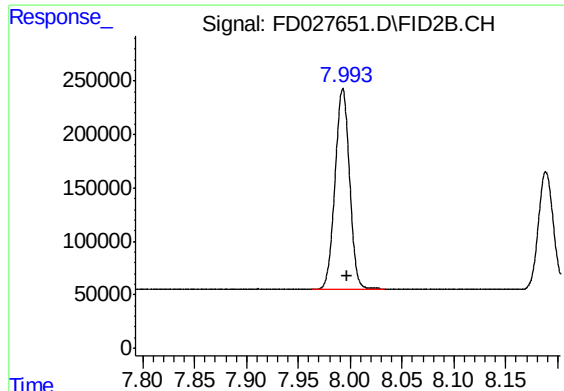
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 1826757
Conc: 21.65 ug/ml



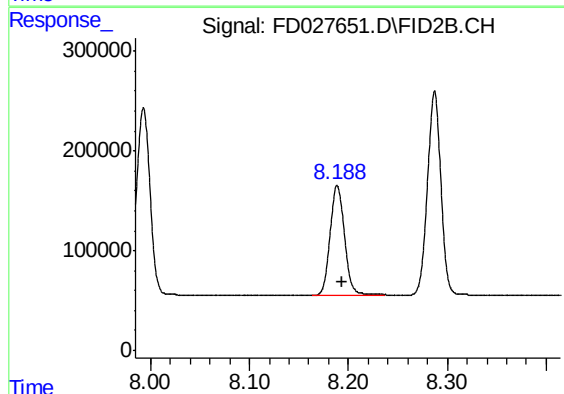
#4 2-Bromonaphthalene (SURR)

R.T.: 7.341 min
Delta R.T.: -0.004 min
Response: 1618747
Conc: 21.80 ug/ml



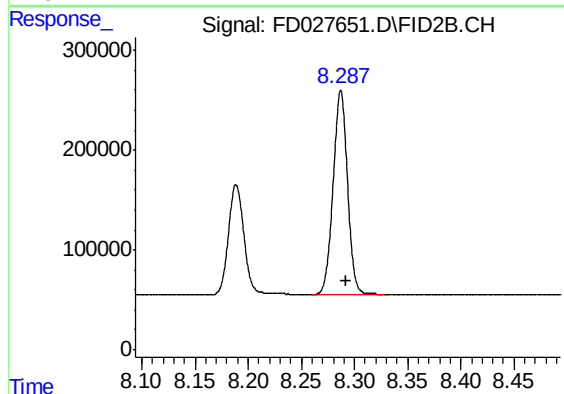
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 1821509
Conc: 21.75 ug/ml



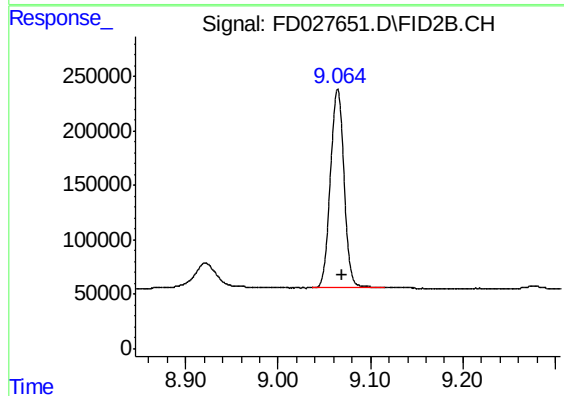
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.005 min
Response: 1112477
Conc: 21.87 ug/ml



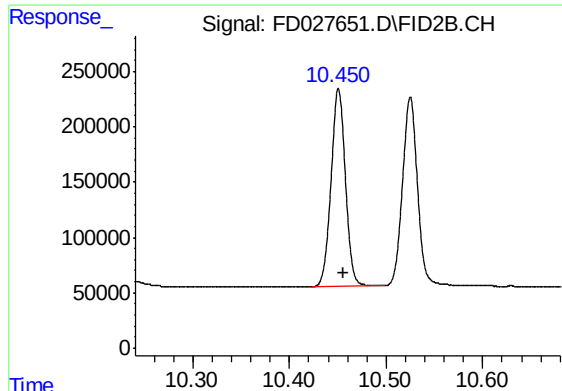
#7 Acenaphthene (C15.5)

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 1922274
Conc: 21.87 ug/ml



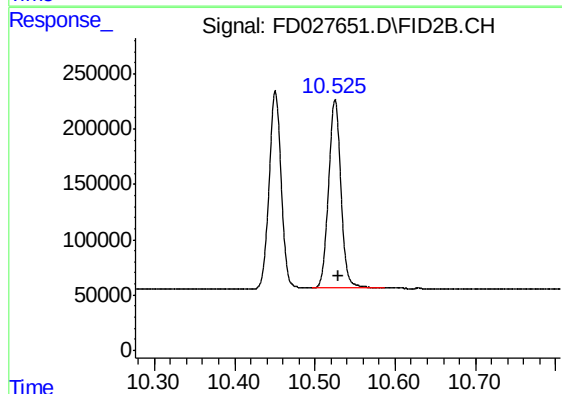
#8 Flouorene (C16.55)

R.T.: 9.065 min
Delta R.T.: -0.005 min
Response: 1879113
Conc: 21.55 ug/ml



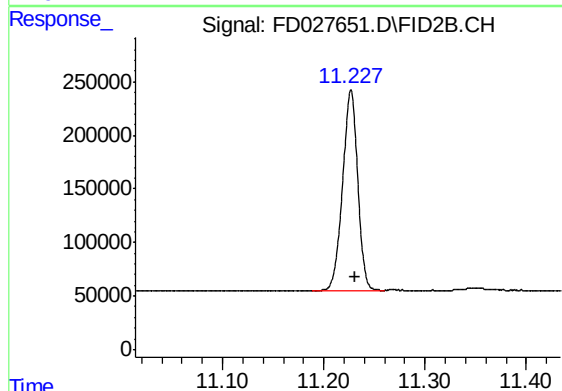
#9 Phenanthrene (C19.36)

R.T.: 10.451 min
Delta R.T.: -0.005 min
Response: 1849961
Conc: 21.06 ug/ml



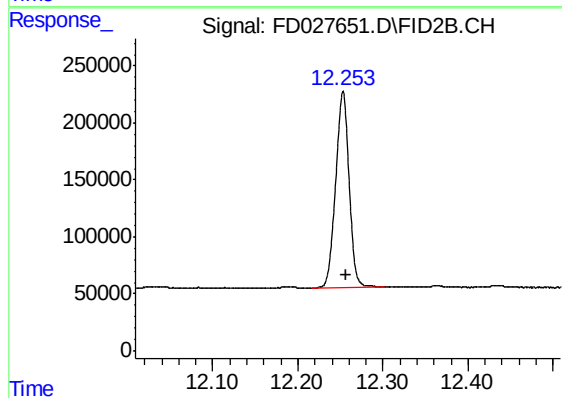
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: -0.004 min
Response: 1825062
Conc: 21.12 ug/ml



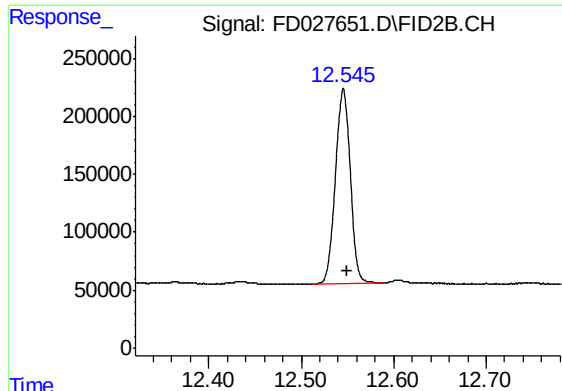
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.004 min
Response: 1931960
Conc: 21.79 ug/ml



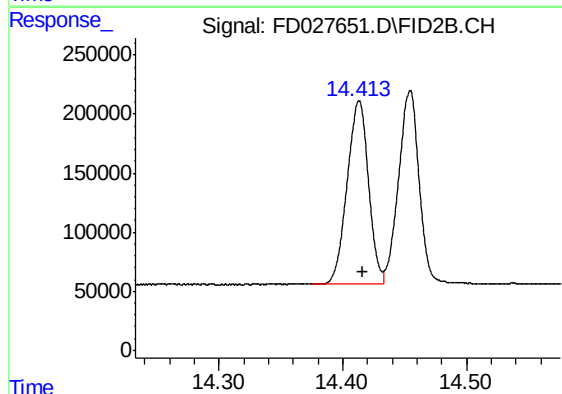
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.004 min
Response: 1876994
Conc: 20.97 ug/ml



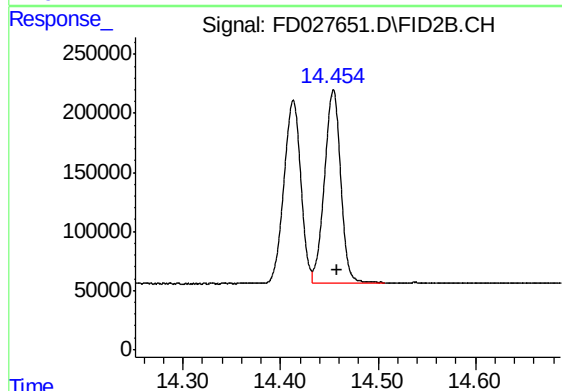
#13 Pyrene (C20.8)

R.T.: 12.546 min
Delta R.T.: -0.005 min
Response: 1878297
Conc: 21.17 ug/ml



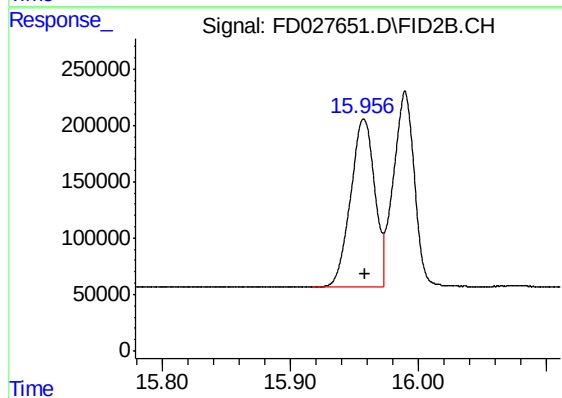
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min
Delta R.T.: -0.003 min
Response: 1861435
Conc: 20.82 ug/ml



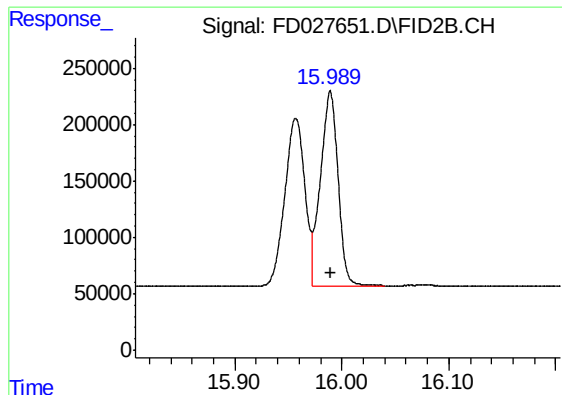
#15 Chrysene (C27.41)

R.T.: 14.454 min
Delta R.T.: -0.003 min
Response: 1890498
Conc: 20.82 ug/ml



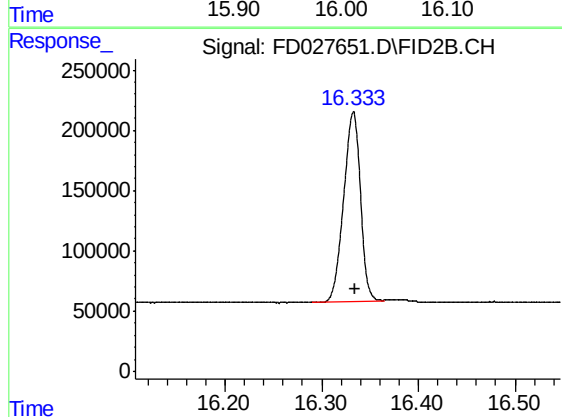
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.957 min
Delta R.T.: -0.001 min
Response: 1941346
Conc: 19.88 ug/ml



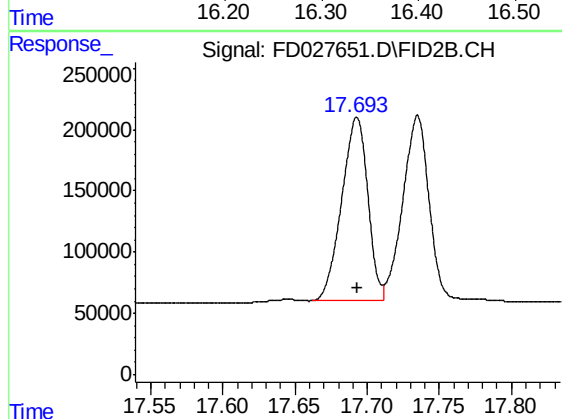
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.989 min
Delta R.T.: 0.000 min
Response: 1976566
Conc: 19.99 ug/ml



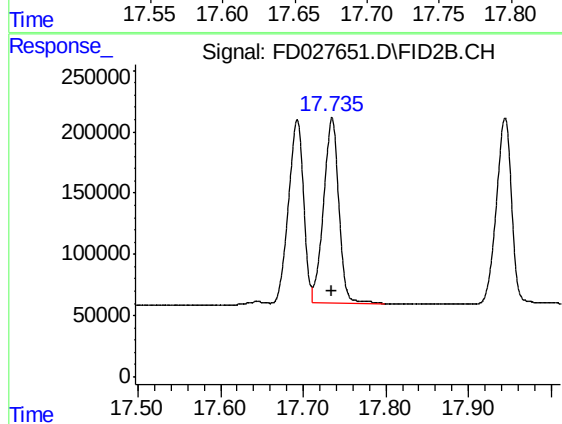
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.333 min
Delta R.T.: -0.002 min
Response: 1910550
Conc: 19.54 ug/ml



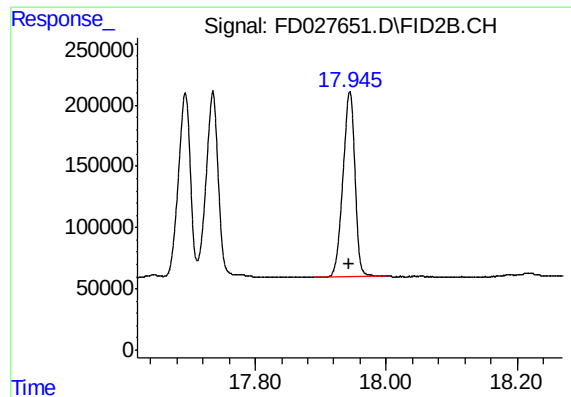
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.693 min
Delta R.T.: 0.000 min
Response: 1894172
Conc: 19.10 ug/ml



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

R.T.: 17.735 min
Delta R.T.: 0.000 min
Response: 1943516
Conc: 19.76 ug/ml



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

R.T.: 17.945 min
Delta R.T.: 0.000 min
Response: 1932169
Conc: 19.06 ug/ml