

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010719AR\
 Data File : FD027111.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2019 17:12
 Operator : AJ\SJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 07:14:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:13:45 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...	7.365	954530	9.990 ug/ml
Spiked Amount 50.000		Recovery =	19.98%
6) S 2-Fluorobiphenyl (SURR)	8.214	644681	9.902 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.80%
11) S ortho-Terphenyl (SURR)	11.256	1084223	10.145 ug/ml
Spiked Amount 50.000		Recovery =	20.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	1027389	10.027 ug/ml
2) T Naphthalene (C11.7)	5.702	1091919	10.094 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	1077606	9.962 ug/ml
5) T Acenaphthylene (C15.06)	8.018	1043113	10.073 ug/ml
7) T Acenaphthene (C15.5)	8.313	1093684	10.064 ug/ml
8) T Fluorene (C16.55)	9.092	1078100	10.080 ug/ml
9) T Phenanthrene (C19.36)	10.480	1071968	10.080 ug/ml
10) T Anthracene (C19.43)	10.554	1058492	9.994 ug/ml
12) T Fluoranthene (C21.85)	12.283	1054385	9.991 ug/ml
13) T Pyrene (C20.8)	12.576	1040902	9.993 ug/ml
14) T Benzo[a]anthracene (C...	14.443	978958	9.896 ug/ml
15) T Chrysene (C27.41)	14.482	979934	9.833 ug/ml
16) T benzo[b]fluoranthene ...	15.987	1006361	9.868 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	1005840	9.887 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	1008802	9.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	1059483	10.065 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	1024139	9.801 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	1055091	9.978 ug/ml

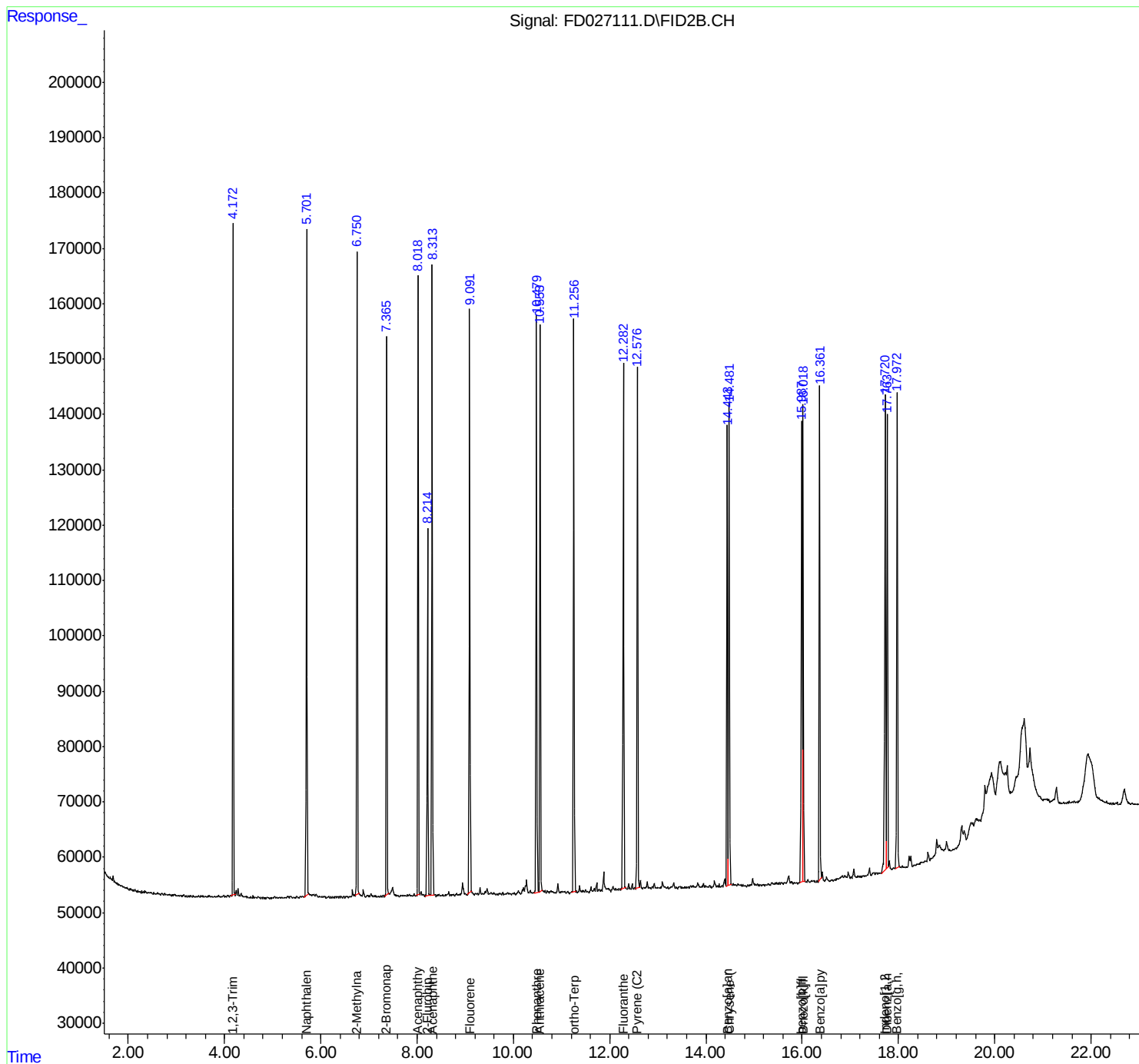
(f)=RT Delta > 1/2 Window

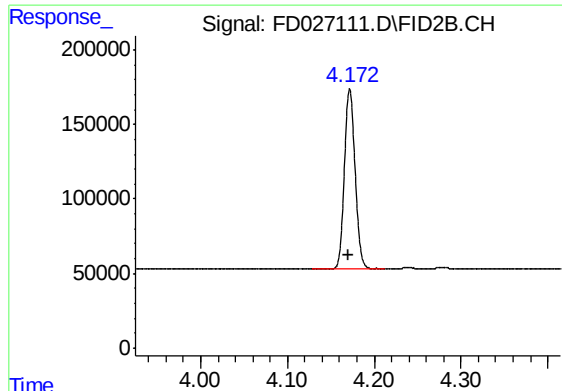
(m)=manual int.

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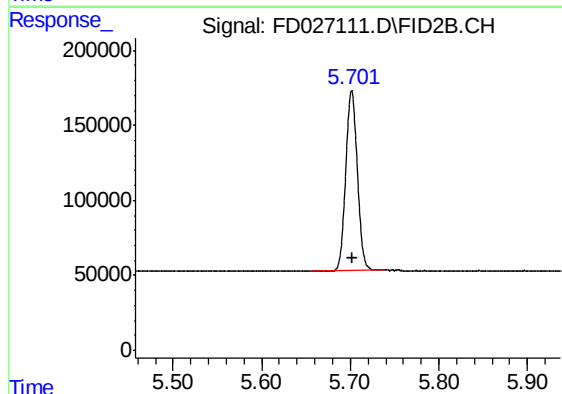
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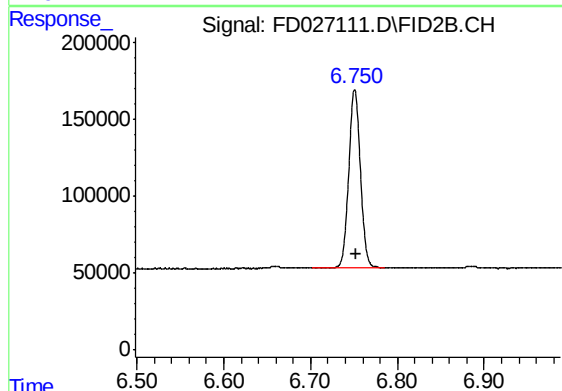
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 1027389
Conc: 10.03 ug/ml



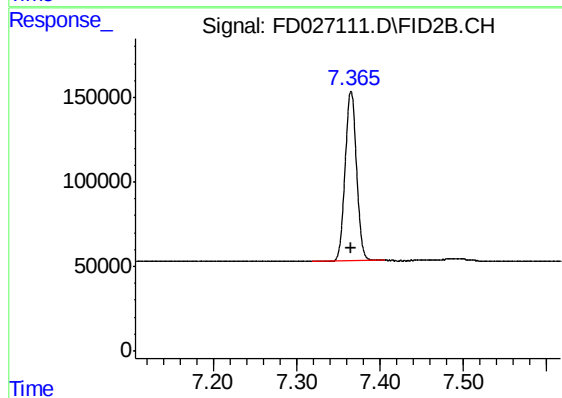
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 1091919
Conc: 10.09 ug/ml



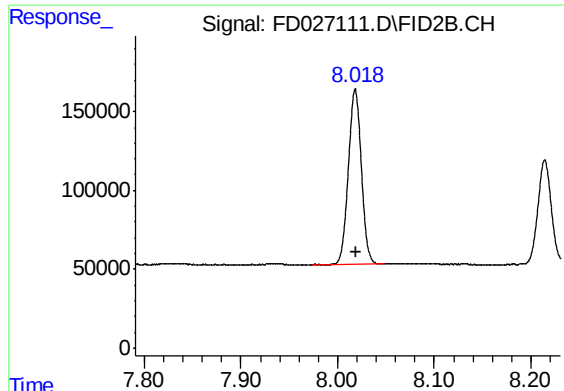
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 1077606
Conc: 9.96 ug/ml



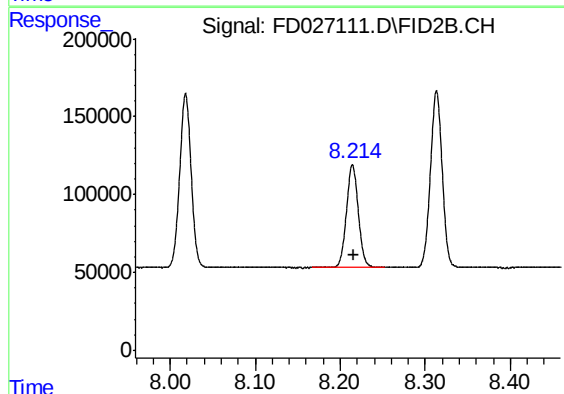
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 954530
Conc: 9.99 ug/ml



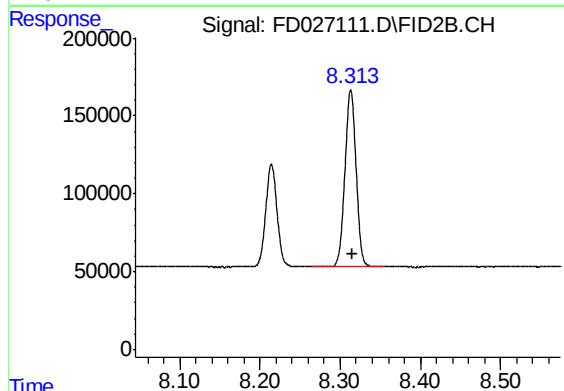
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 1043113
Conc: 10.07 ug/ml



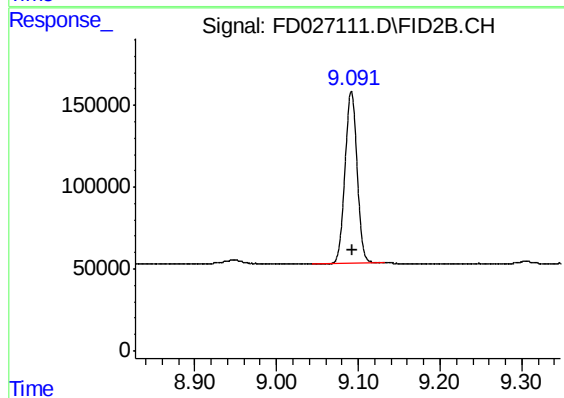
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 644681
Conc: 9.90 ug/ml



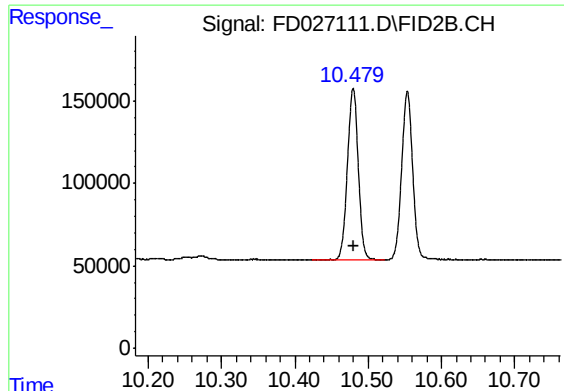
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 1093684
Conc: 10.06 ug/ml



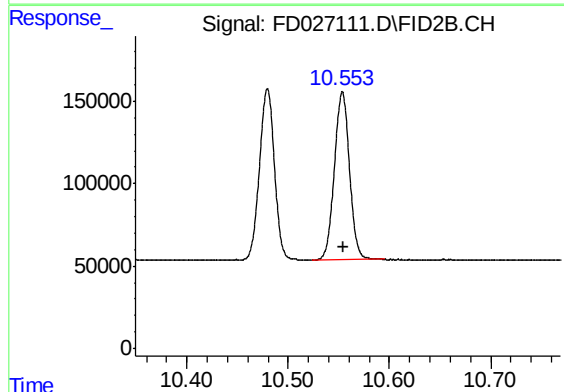
#8 Flouorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.001 min
Response: 1078100
Conc: 10.08 ug/ml



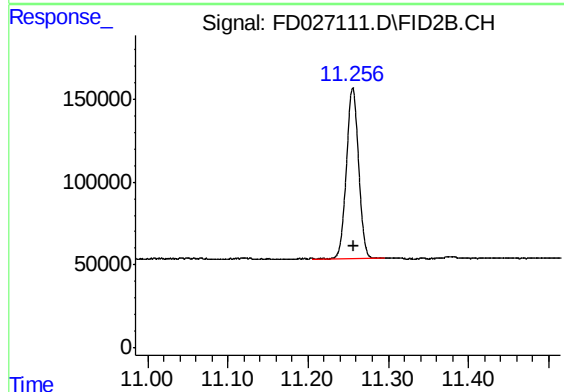
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.000 min
Response: 1071968
Conc: 10.08 ug/ml



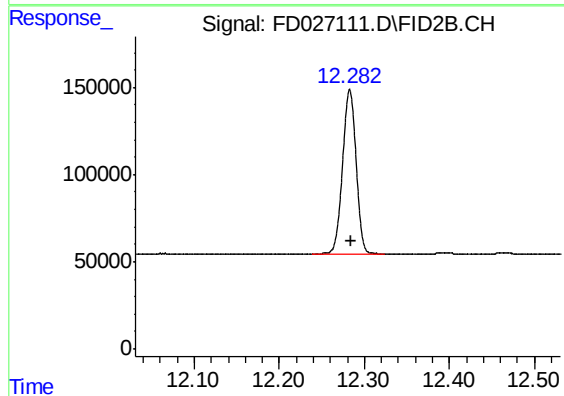
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: -0.001 min
Response: 1058492
Conc: 9.99 ug/ml



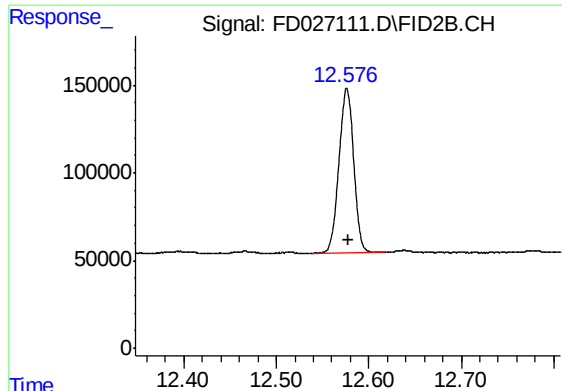
#11 ortho-Terphenyl (SURR)

R.T.: 11.256 min
Delta R.T.: -0.001 min
Response: 1084223
Conc: 10.14 ug/ml



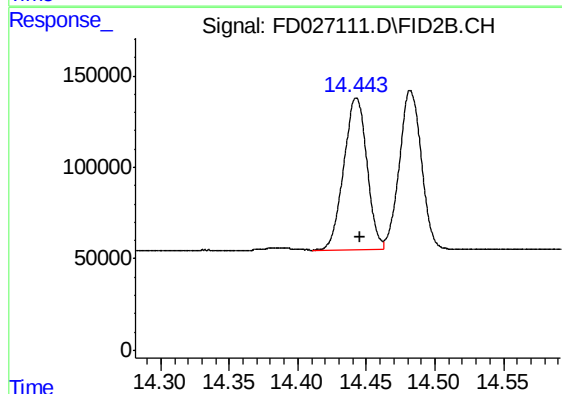
#12 Fluoranthene (C21.85)

R.T.: 12.283 min
Delta R.T.: -0.001 min
Response: 1054385
Conc: 9.99 ug/ml



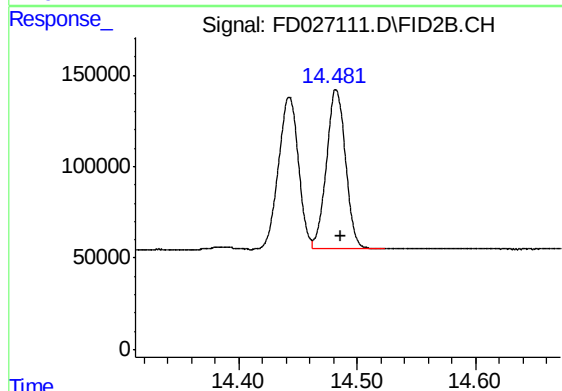
#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: -0.001 min
Response: 1040902
Conc: 9.99 ug/ml



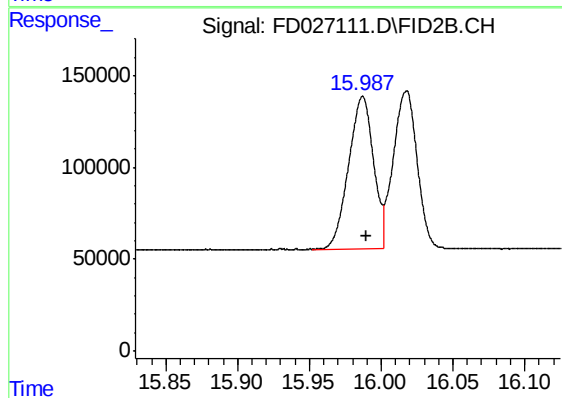
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.002 min
Response: 978958
Conc: 9.90 ug/ml



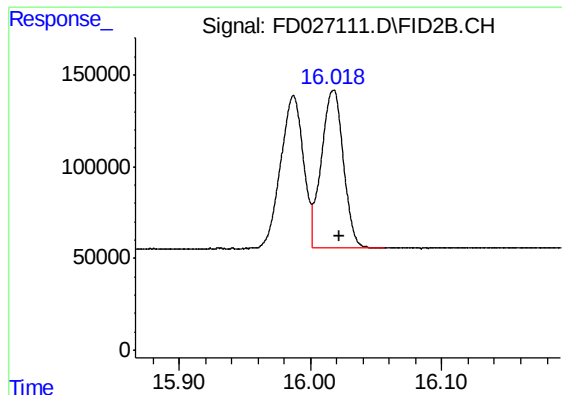
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.004 min
Response: 979934
Conc: 9.83 ug/ml



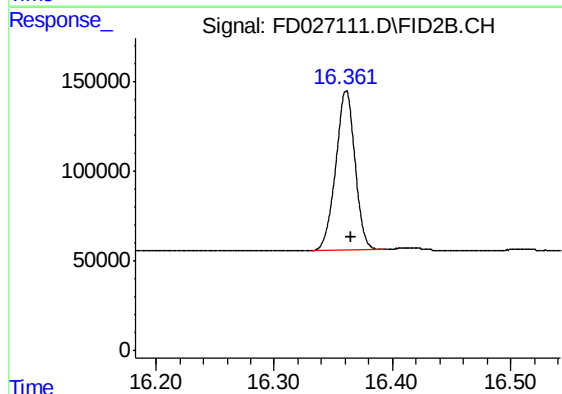
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.987 min
Delta R.T.: -0.002 min
Response: 1006361
Conc: 9.87 ug/ml



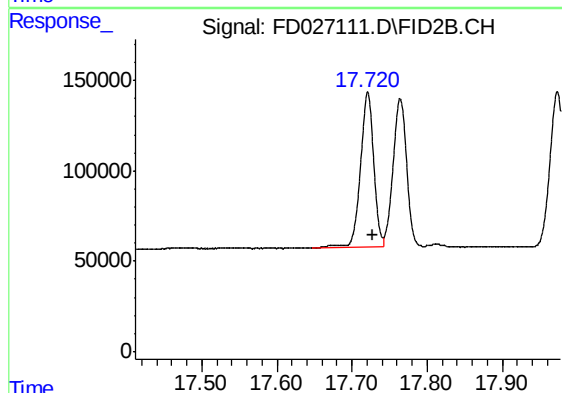
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.018 min
Delta R.T.: -0.004 min
Response: 1005840
Conc: 9.89 ug/ml



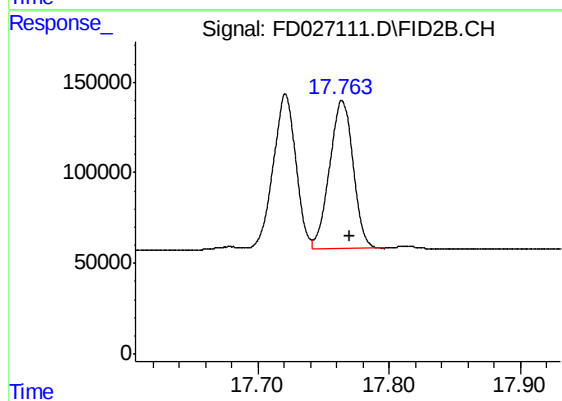
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.005 min
Response: 1008802
Conc: 9.85 ug/ml



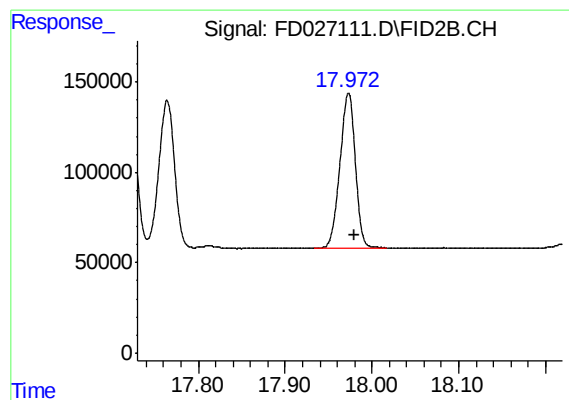
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: -0.007 min
Response: 1059483
Conc: 10.07 ug/ml



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

R.T.: 17.764 min
Delta R.T.: -0.006 min
Response: 1024139
Conc: 9.80 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.006 min
Response: 1055091
Conc: 9.98 ug/ml