

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112018AR\
 Data File : FD026688.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2018 20:45
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 21 05:58:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 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...	7.383	1432262	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
6) S 2-Fluorobiphenyl (SURR)	8.233	993498	19.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.00%
11) S ortho-Terphenyl (SURR)	11.277	1615389	19.058 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	1582690	19.828 ug/ml
2) T Naphthalene (C11.7)	5.718	1694733	19.311 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	1658899	19.140 ug/ml
5) T Acenaphthylene (C15.06)	8.037	1619241	19.104 ug/ml
7) T Acenaphthene (C15.5)	8.332	1687303	19.084 ug/ml
8) T Fluorene (C16.55)	9.111	1667119	18.916 ug/ml
9) T Phenanthrene (C19.36)	10.500	1668227	19.003 ug/ml
10) T Anthracene (C19.43)	10.574	1665052	19.018 ug/ml
12) T Fluoranthene (C21.85)	12.306	1706283	19.592 ug/ml
13) T Pyrene (C20.8)	12.599	1722570	19.874 ug/ml
14) T Benzo[a]anthracene (C...	14.468	1718924	20.214 ug/ml
15) T Chrysene (C27.41)	14.509	1735759	20.255 ug/ml
16) T benzo[b]fluoranthene ...	16.014	1843256	19.800 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	1847418	19.950 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.389	1859163	19.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	1828072	19.037 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	1796200	19.135 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	1882712	19.151 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Quant Time: Nov 21 05:58:00 2018

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M

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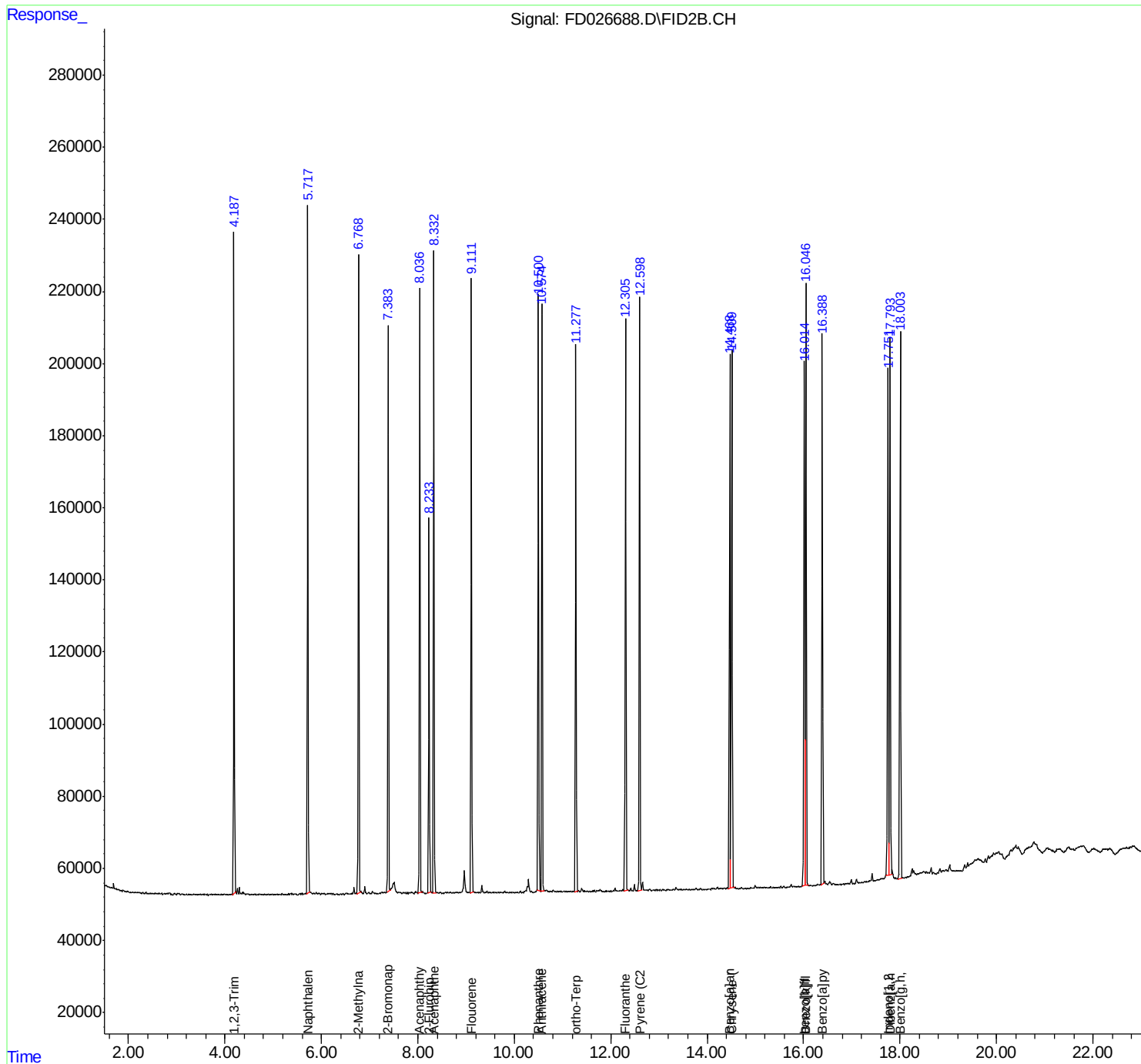
Response via : Initial Calibration

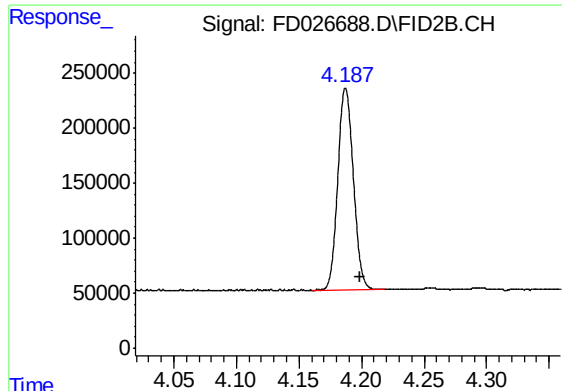
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

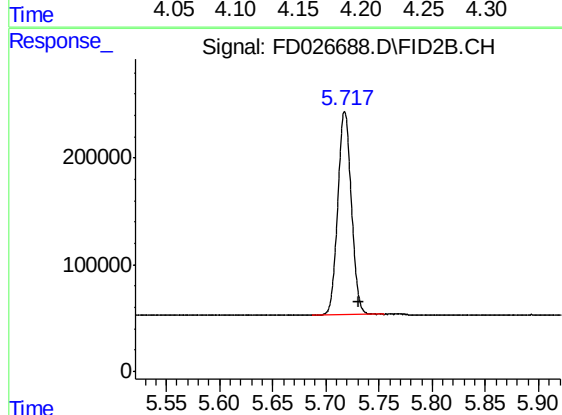
Signal Info : 20M x 0.18mm x 0.18μm





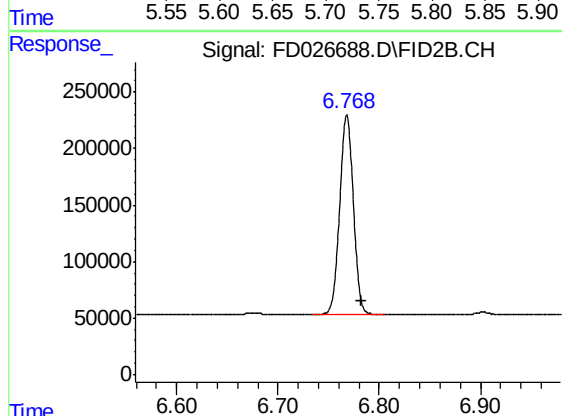
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.012 min
Response: 1582690
Conc: 19.83 ug/ml



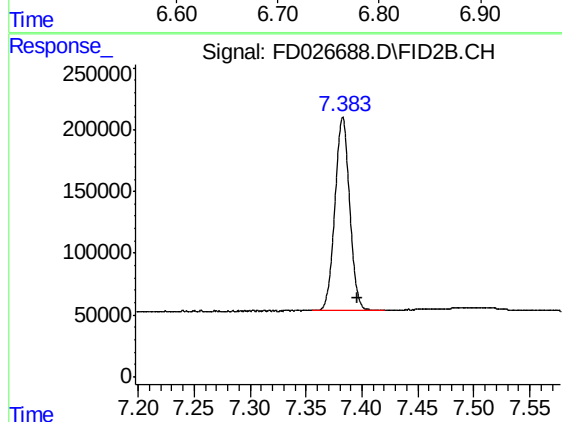
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.013 min
Response: 1694733
Conc: 19.31 ug/ml



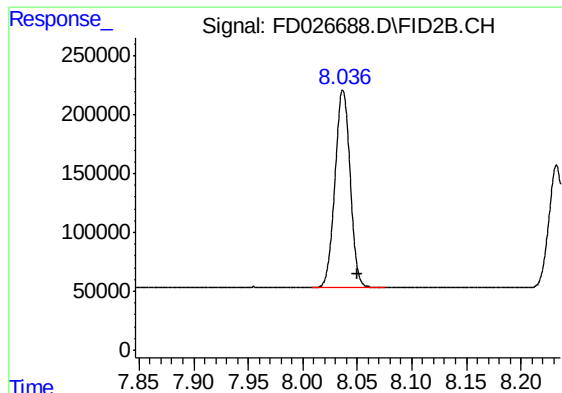
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: -0.014 min
Response: 1658899
Conc: 19.14 ug/ml



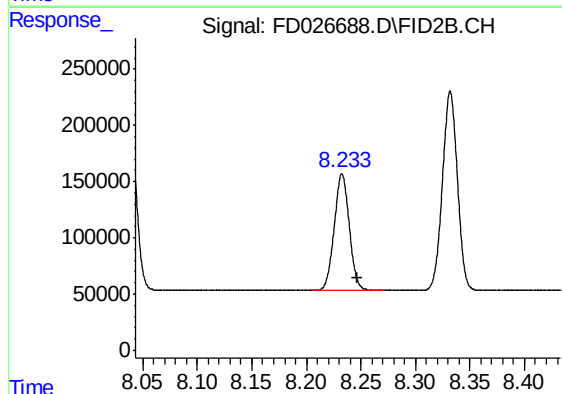
#4 2-Bromonaphthalene (SURR)

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 1432262
Conc: 18.86 ug/ml



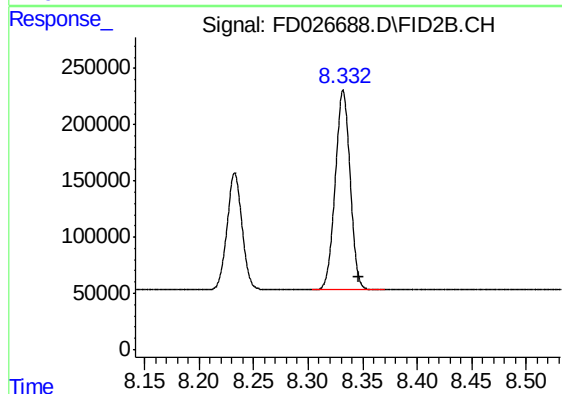
#5 Acenaphthylene (C15.06)

R.T.: 8.037 min
Delta R.T.: -0.014 min
Response: 1619241
Conc: 19.10 ug/ml



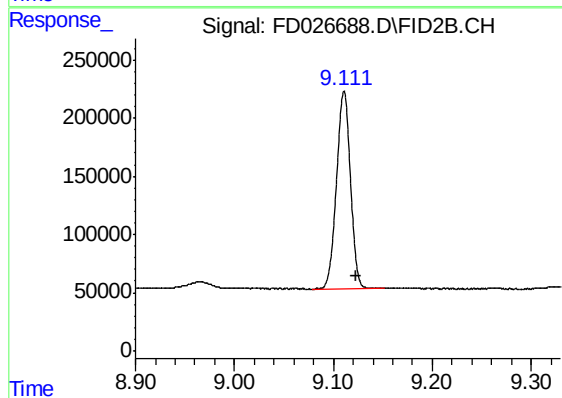
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: -0.014 min
Response: 993498
Conc: 19.00 ug/ml



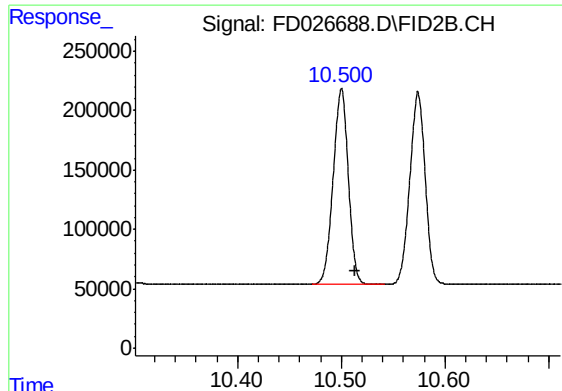
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: -0.014 min
Response: 1687303
Conc: 19.08 ug/ml



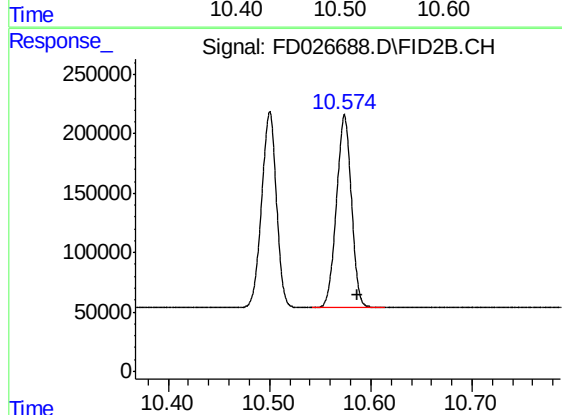
#8 Flouorene (C16.55)

R.T.: 9.111 min
Delta R.T.: -0.013 min
Response: 1667119
Conc: 18.92 ug/ml



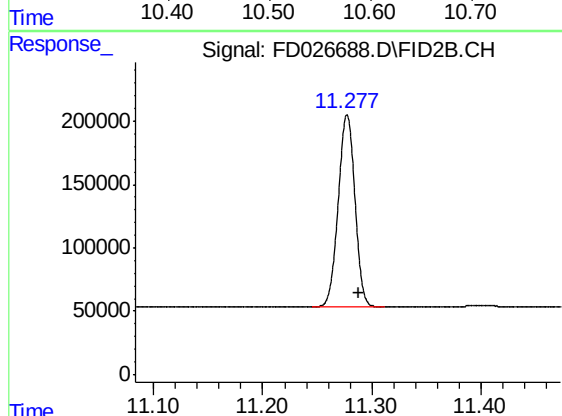
#9 Phenanthrene (C19.36)

R.T.: 10.500 min
Delta R.T.: -0.013 min
Response: 1668227
Conc: 19.00 ug/ml



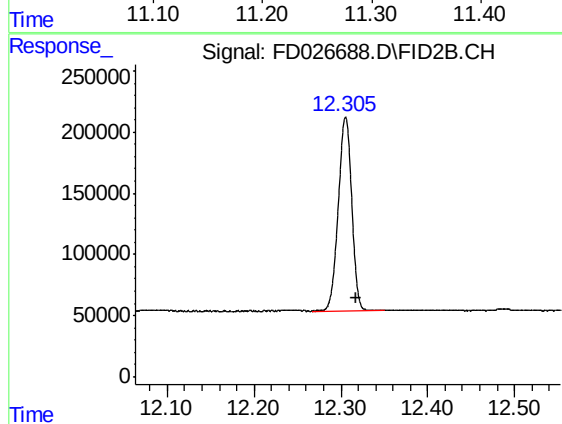
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: -0.012 min
Response: 1665052
Conc: 19.02 ug/ml



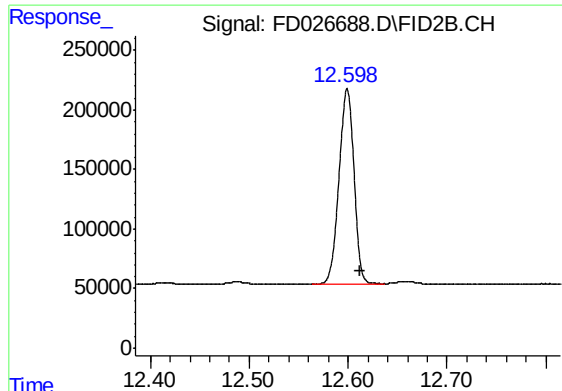
#11 ortho-Terphenyl (SURR)

R.T.: 11.277 min
Delta R.T.: -0.011 min
Response: 1615389
Conc: 19.06 ug/ml



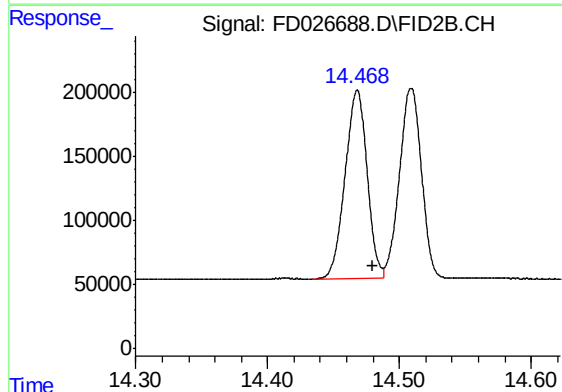
#12 Fluoranthene (C21.85)

R.T.: 12.306 min
Delta R.T.: -0.012 min
Response: 1706283
Conc: 19.59 ug/ml



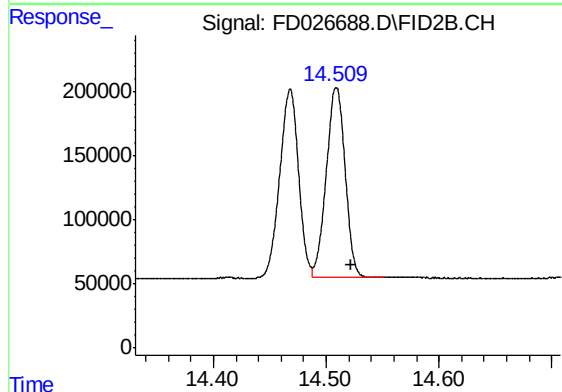
#13 Pyrene (C20.8)

R.T.: 12.599 min
Delta R.T.: -0.012 min
Response: 1722570
Conc: 19.87 ug/ml



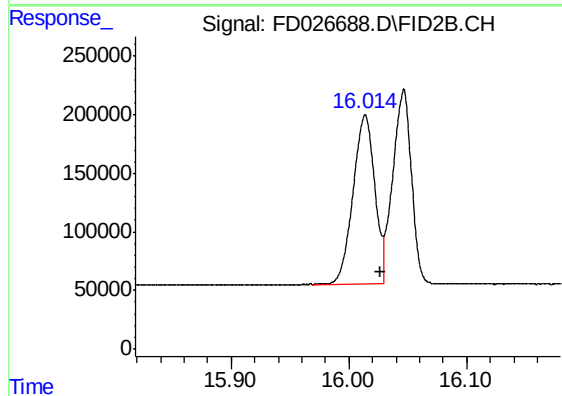
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: -0.012 min
Response: 1718924
Conc: 20.21 ug/ml



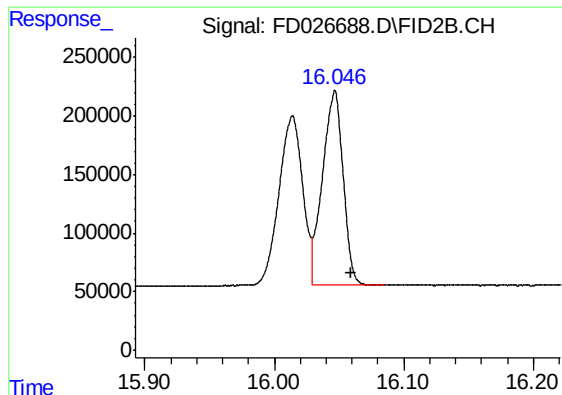
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.013 min
Response: 1735759
Conc: 20.25 ug/ml



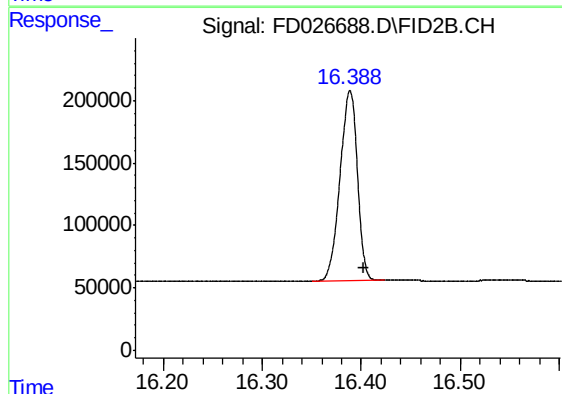
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.014 min
Delta R.T.: -0.013 min
Response: 1843256
Conc: 19.80 ug/ml



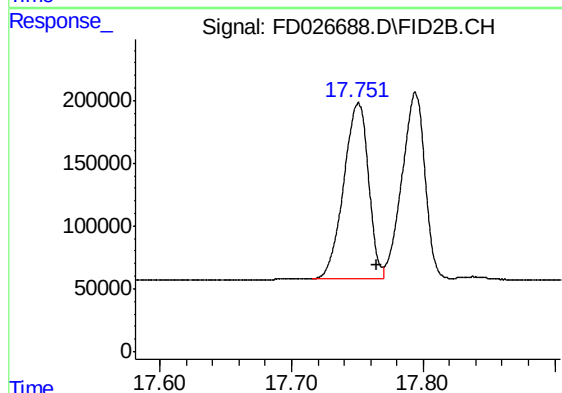
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min
Delta R.T.: -0.013 min
Response: 1847418
Conc: 19.95 ug/ml



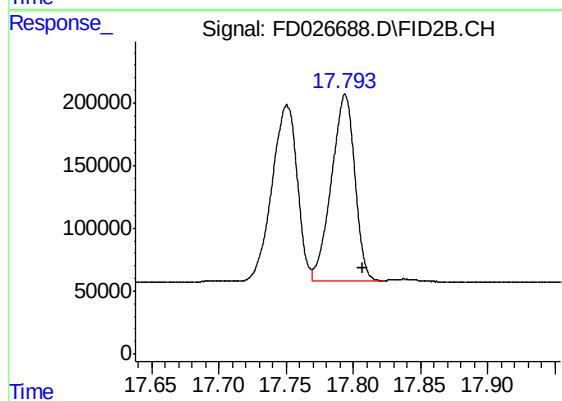
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: -0.014 min
Response: 1859163
Conc: 19.70 ug/ml



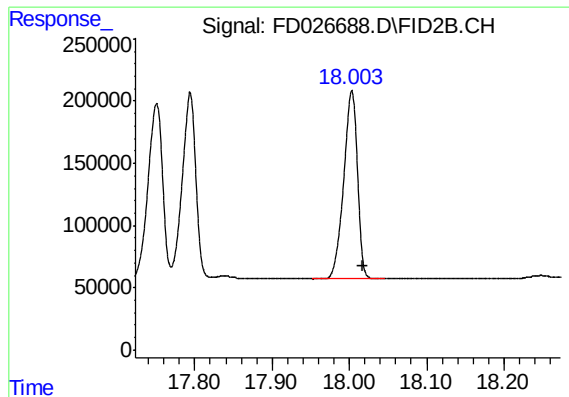
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: -0.014 min
Response: 1828072
Conc: 19.04 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.013 min
Response: 1796200
Conc: 19.14 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.014 min
Response: 1882712
Conc: 19.15 ug/ml