

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020719AR\
 Data File : FD027618.D
 Signal(s) : FID2B.CH
 Acq On : 07 Feb 2019 11:44
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 07:59:48 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...	7.344	1515638	20.415 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.193	1036153	20.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.232	1840936	20.768 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	1531994	19.384 ug/ml
2) T Naphthalene (C11.7)	5.681	1705113	20.032 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	1713072	20.305 ug/ml
5) T Acenaphthylene (C15.06)	7.996	1698758	20.289 ug/ml
7) T Acenaphthene (C15.5)	8.291	1783051	20.285 ug/ml
8) T Fluorene (C16.55)	9.069	1760975	20.193 ug/ml
9) T Phenanthrene (C19.36)	10.456	1783183	20.300 ug/ml
10) T Anthracene (C19.43)	10.531	1765108	20.427 ug/ml
12) T Fluoranthene (C21.85)	12.258	1848023	20.642 ug/ml
13) T Pyrene (C20.8)	12.552	1849737	20.845 ug/ml
14) T Benzo[a]anthracene (C...	14.418	1823359	20.392 ug/ml
15) T Chrysene (C27.41)	14.460	1847404	20.343 ug/ml
16) T benzo[b]fluoranthene ...	15.962	1889515	19.347 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	1910365	19.321 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	1857186	18.994 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.697	1853459	18.690 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	1855615	18.865 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	1883894	18.582 ug/ml

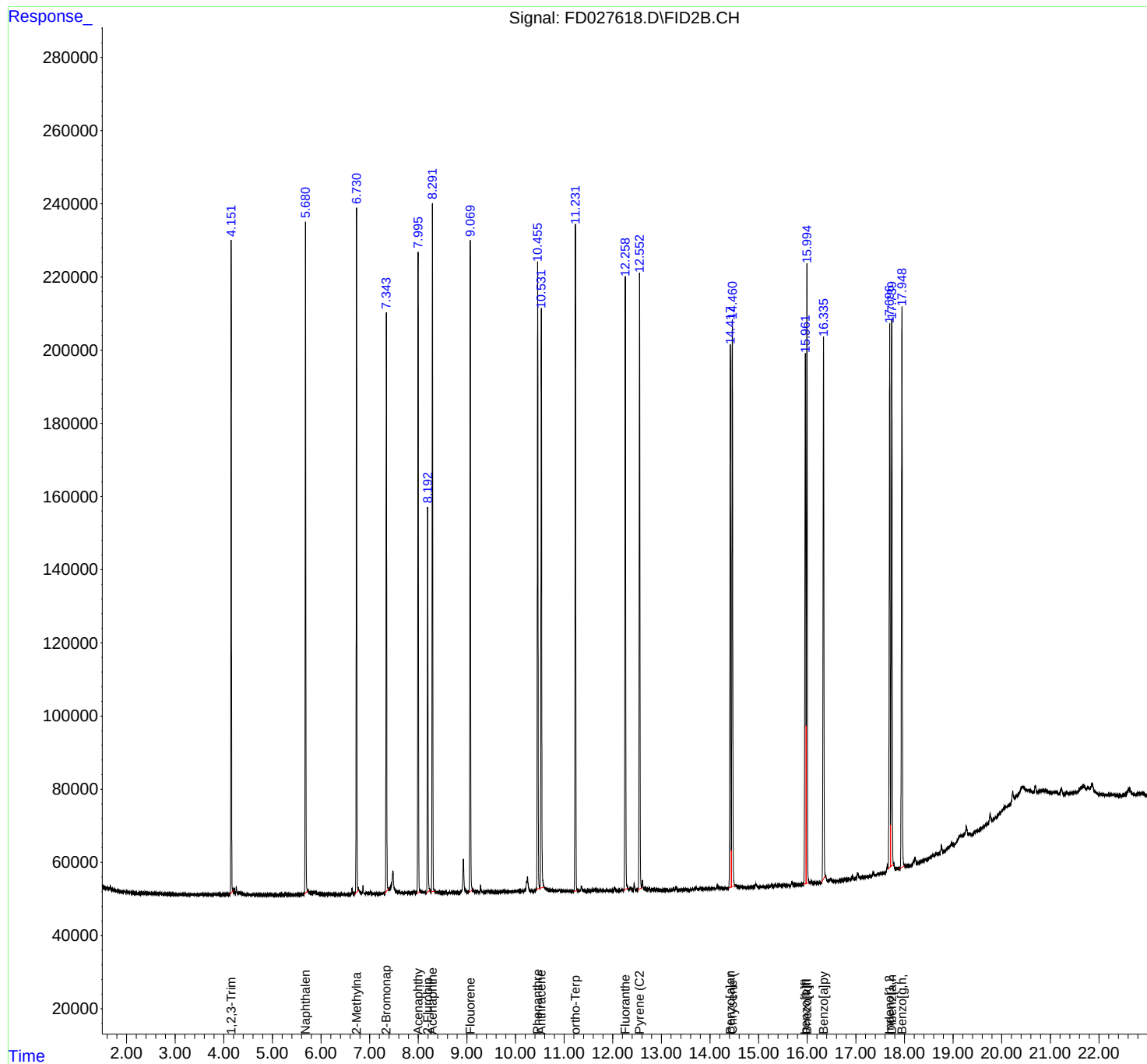
(f)=RT Delta > 1/2 Window

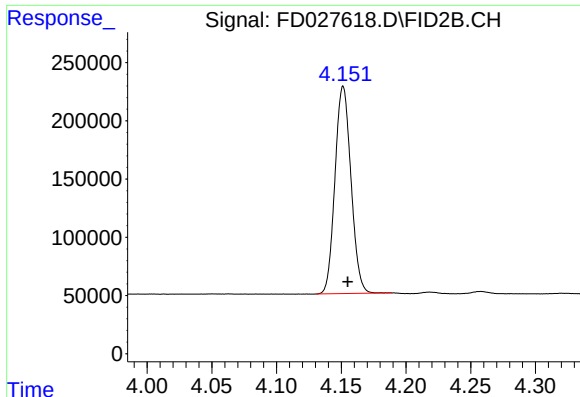
(m)=manual int.

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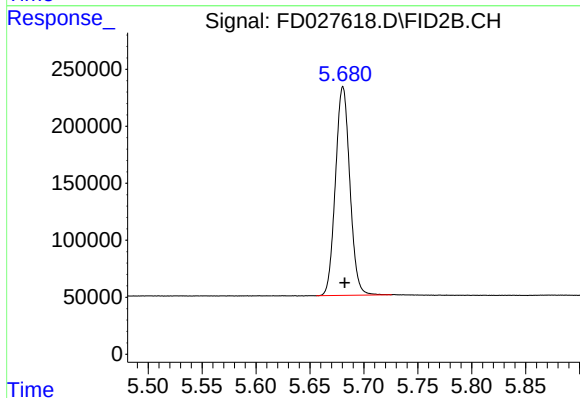
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





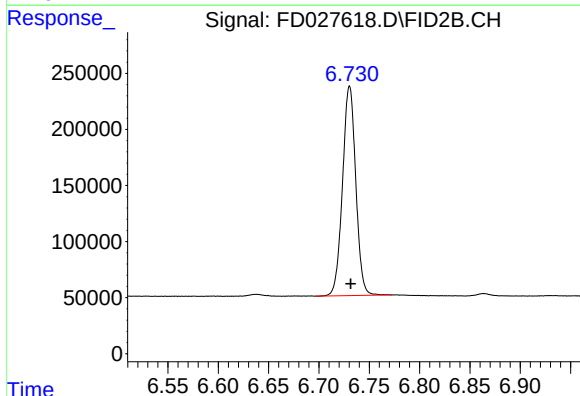
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 1531994
Conc: 19.38 ug/ml



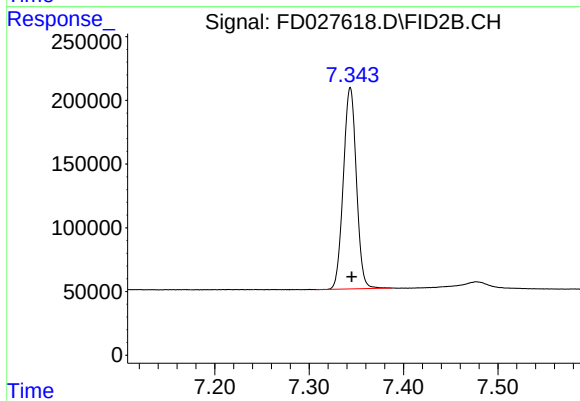
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 1705113
Conc: 20.03 ug/ml



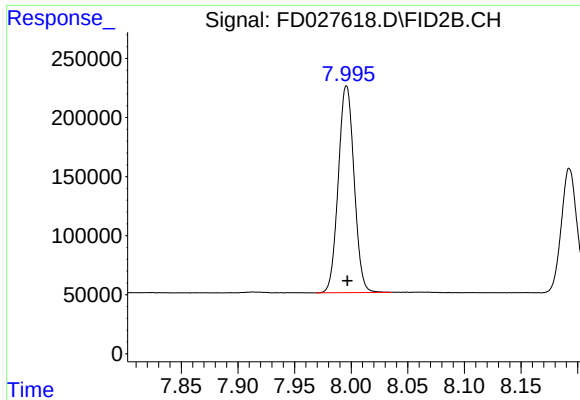
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 1713072
Conc: 20.31 ug/ml



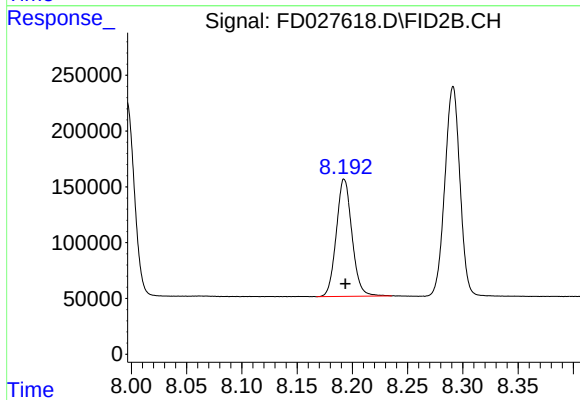
#4 2-Bromonaphthalene (SURR)

R.T.: 7.344 min
Delta R.T.: -0.002 min
Response: 1515638
Conc: 20.42 ug/ml



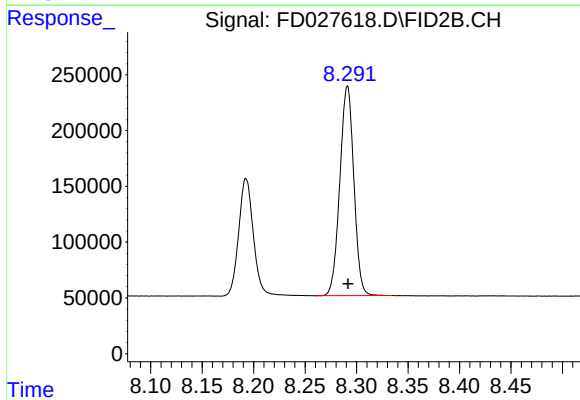
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 1698758
Conc: 20.29 ug/ml



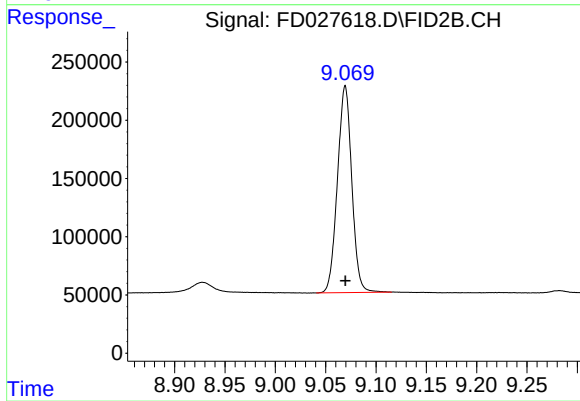
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 1036153
Conc: 20.37 ug/ml



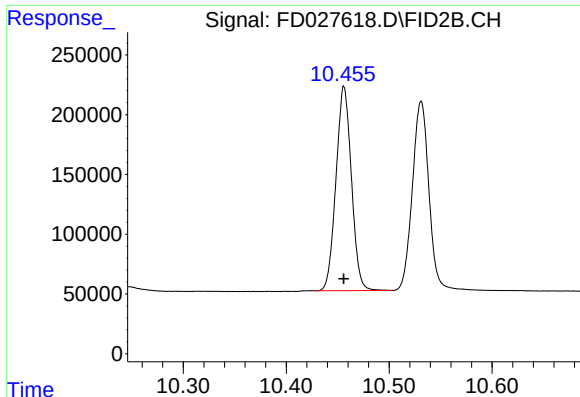
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 1783051
Conc: 20.29 ug/ml



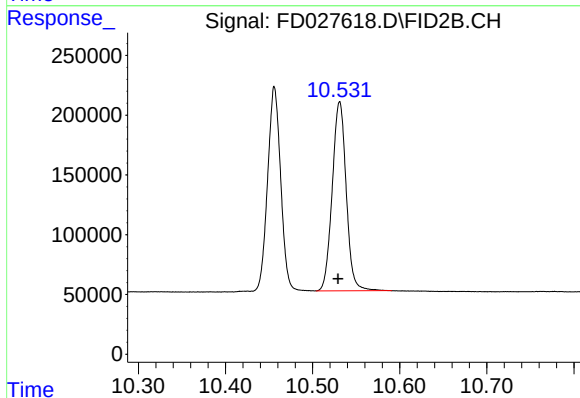
#8 Fluorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 1760975
Conc: 20.19 ug/ml



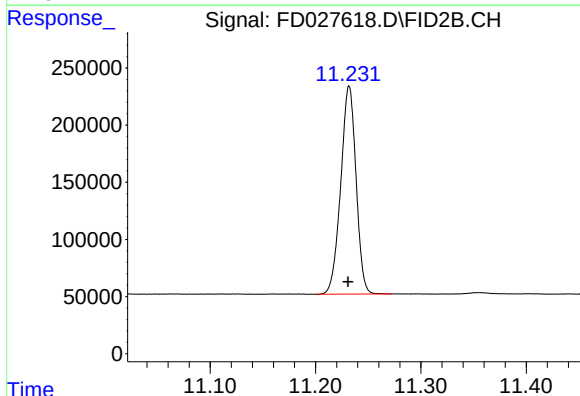
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 1783183
Conc: 20.30 ug/ml



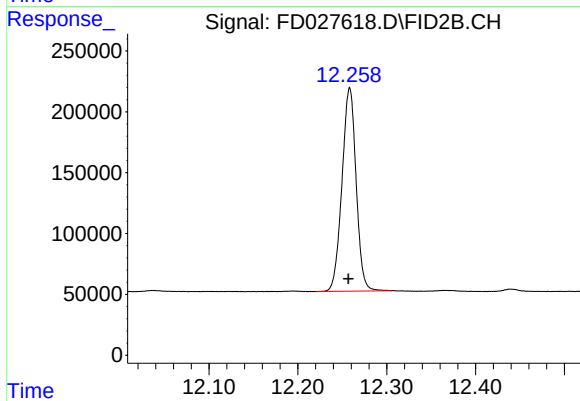
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: 0.002 min
Response: 1765108
Conc: 20.43 ug/ml



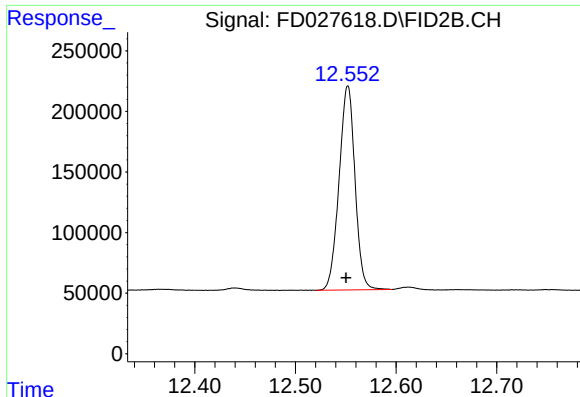
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: 0.000 min
Response: 1840936
Conc: 20.77 ug/ml



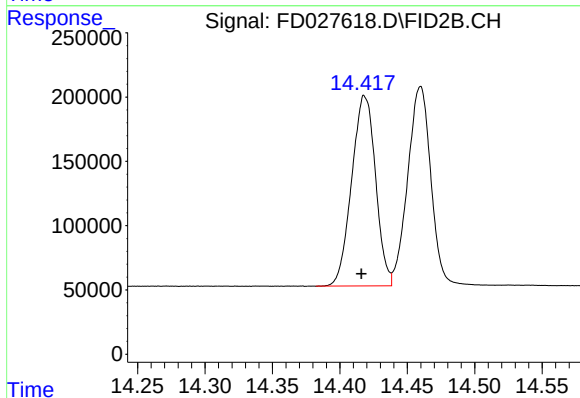
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: 0.001 min
Response: 1848023
Conc: 20.64 ug/ml



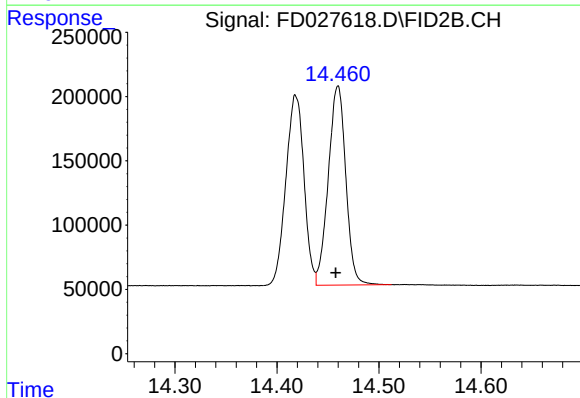
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: 0.002 min
Response: 1849737
Conc: 20.85 ug/ml



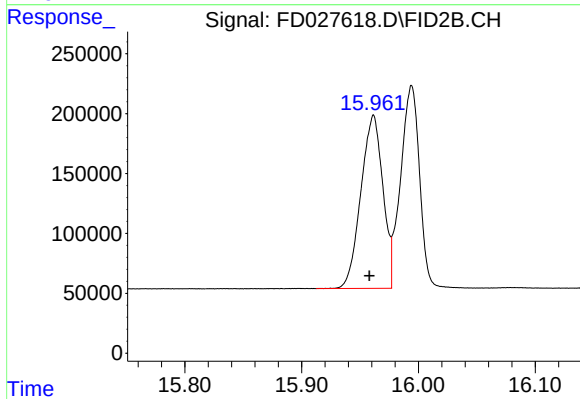
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.418 min
Delta R.T.: 0.002 min
Response: 1823359
Conc: 20.39 ug/ml



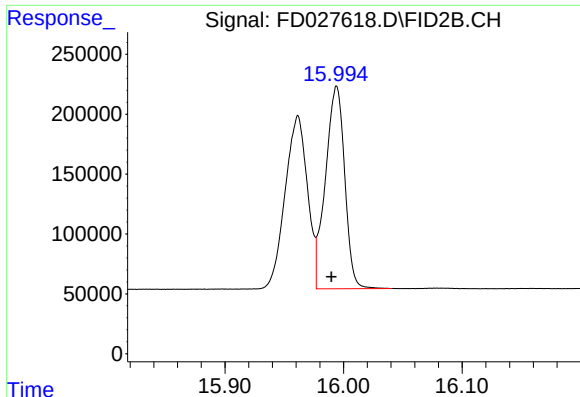
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: 0.002 min
Response: 1847404
Conc: 20.34 ug/ml



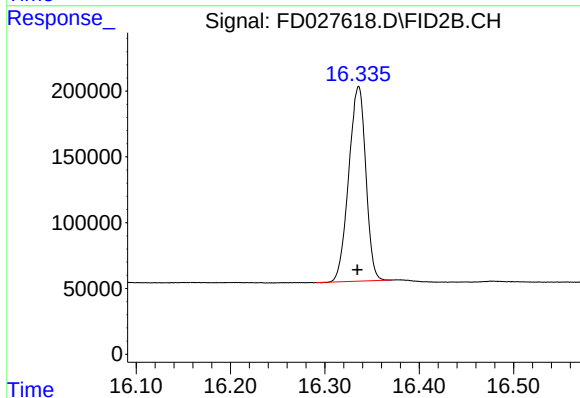
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: 0.003 min
Response: 1889515
Conc: 19.35 ug/ml



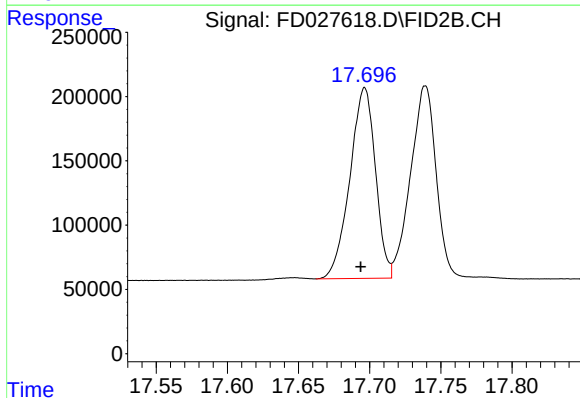
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: 0.004 min
Response: 1910365
Conc: 19.32 ug/ml



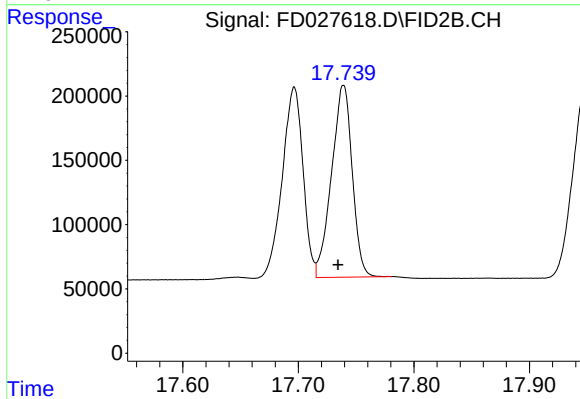
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: 0.001 min
Response: 1857186
Conc: 18.99 ug/ml



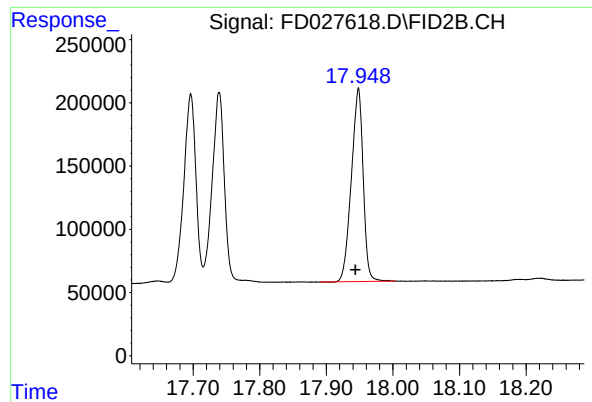
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.697 min
Delta R.T.: 0.003 min
Response: 1853459
Conc: 18.69 ug/ml



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

R.T.: 17.739 min
Delta R.T.: 0.005 min
Response: 1855615
Conc: 18.87 ug/ml



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

R.T.: 17.948 min
Delta R.T.: 0.004 min
Response: 1883894
Conc: 18.58 ug/ml