

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112720AR\
 Data File : FD035696.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2020 19:38
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 28 00:07:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 00:05:48 2020
 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...	7.619	6263145	48.270 ug/ml
Spiked Amount 50.000		Recovery =	96.54%
6) S 2-Fluorobiphenyl (SURR)	8.487	4359336	48.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.45%
11) S ortho-Terphenyl (SURR)	11.523	7045835	47.127 ug/ml
Spiked Amount 50.000		Recovery =	94.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	6937632	47.025 ug/ml
2) T Naphthalene (C11.7)	5.958	7372996	48.052 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	7370661	47.972 ug/ml
5) T Acenaphthylene (C15.06)	8.289	7055740	47.550 ug/ml
7) T Acenaphthene (C15.5)	8.584	7288410	47.280 ug/ml
8) T Fluorene (C16.55)	9.367	7045220	48.222 ug/ml
9) T Phenanthrene (C19.36)	10.765	6923702	47.888 ug/ml
10) T Anthracene (C19.43)	10.842	6897184	47.295 ug/ml
12) T Fluoranthene (C21.85)	12.581	6699433	47.297 ug/ml
13) T Pyrene (C20.8)	12.879	6534534	48.300 ug/ml
14) T Benzo[a]anthracene (C...	14.753	5748047	48.133 ug/ml
15) T Chrysene (C27.41)	14.798	6031852	46.780 ug/ml
16) T benzo[b]fluoranthene ...	16.310	5338536	48.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	5234055	46.330 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.689	4815319	47.595 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.060	4886120	50.797 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	4814869	45.266 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	4831682	48.115 ug/ml

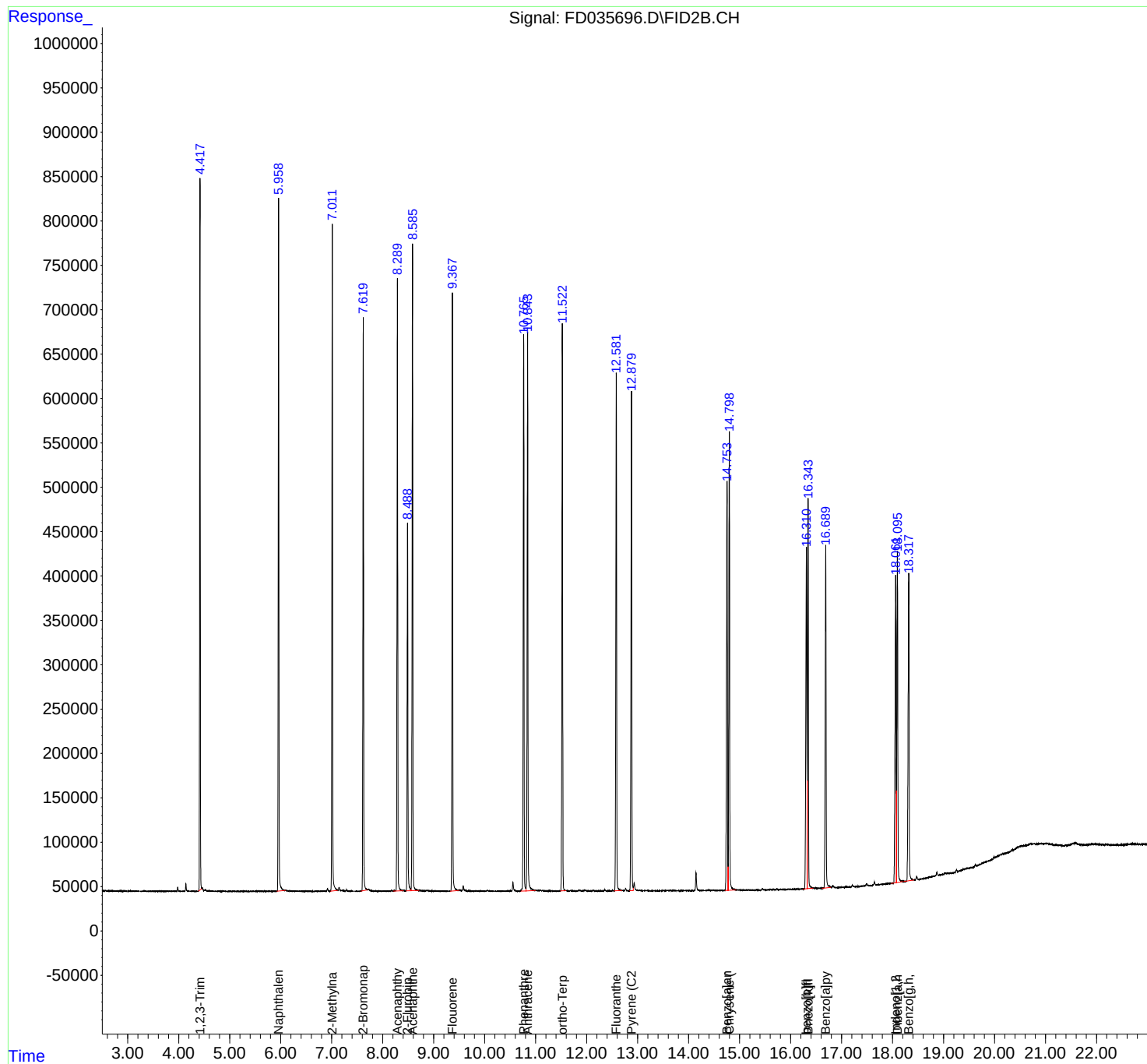
(f)=RT Delta > 1/2 Window

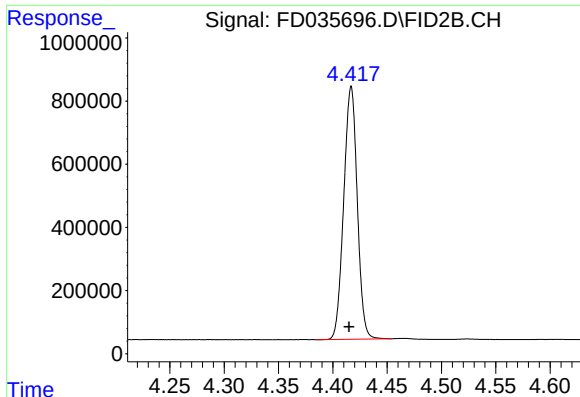
(m)=manual int.

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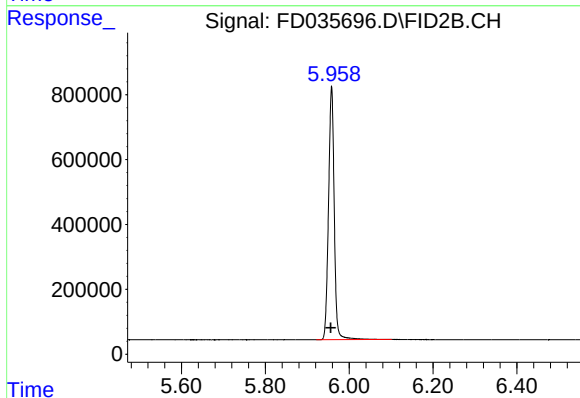
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Signal Info : 20M x 0.18mm x 0.18µm





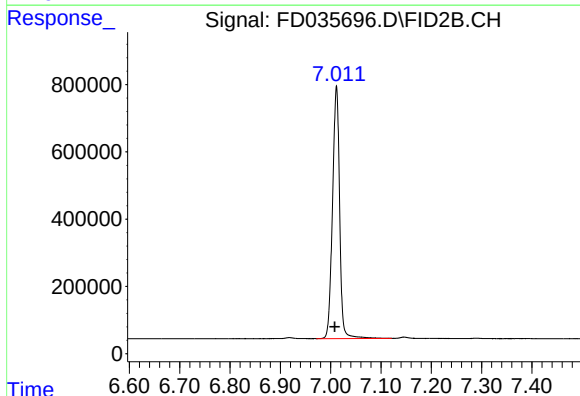
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: 0.002 min
Response: 6937632
Conc: 47.03 ug/ml



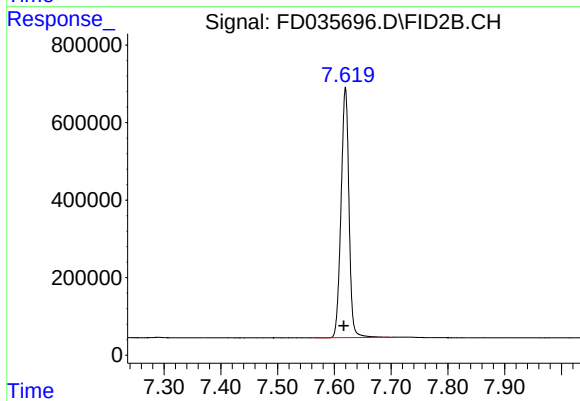
#2 Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 7372996
Conc: 48.05 ug/ml



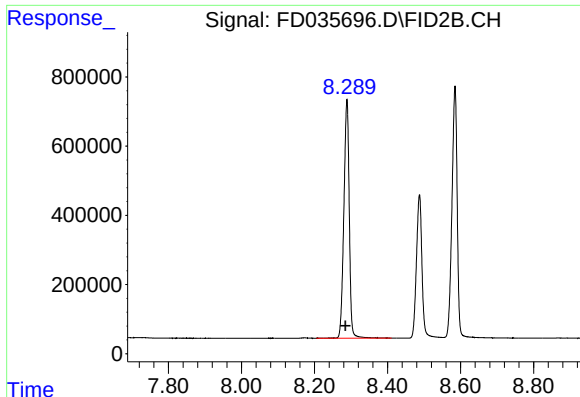
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: 0.003 min
Response: 7370661
Conc: 47.97 ug/ml



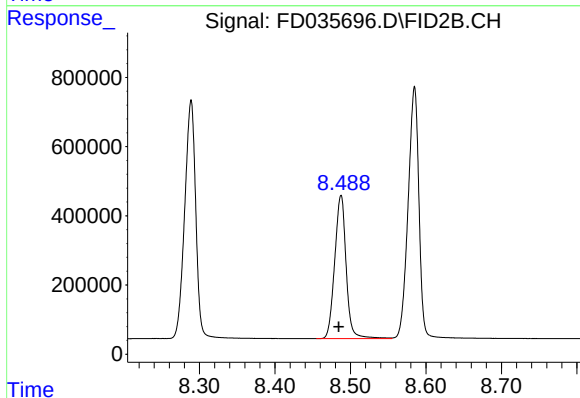
#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min
Delta R.T.: 0.003 min
Response: 6263145
Conc: 48.27 ug/ml



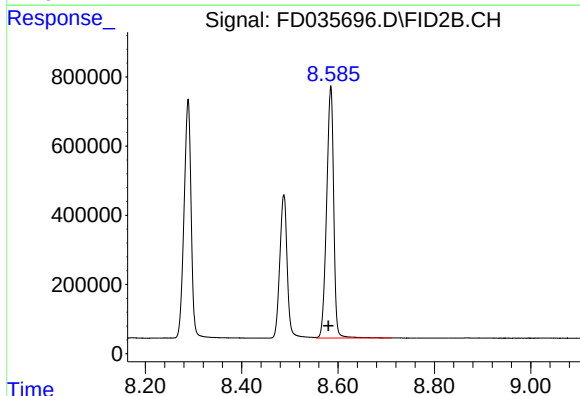
#5 Acenaphthylene (C15.06)

R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 7055740
Conc: 47.55 ug/ml



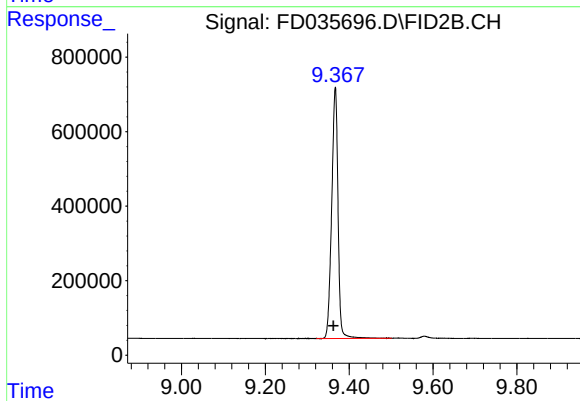
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: 0.003 min
Response: 4359336
Conc: 48.73 ug/ml



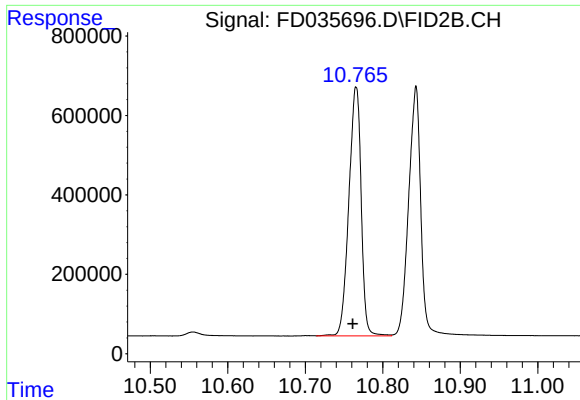
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: 0.004 min
Response: 7288410
Conc: 47.28 ug/ml



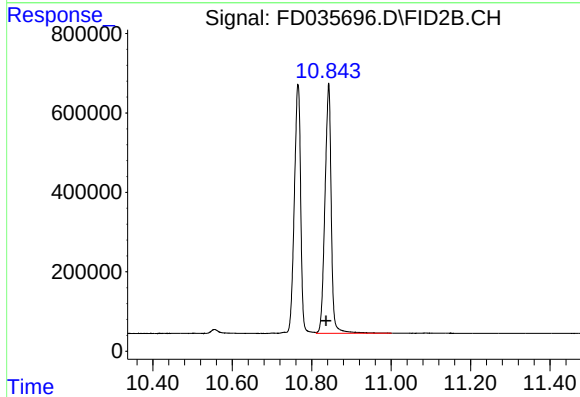
#8 Flouorene (C16.55)

R.T.: 9.367 min
Delta R.T.: 0.004 min
Response: 7045220
Conc: 48.22 ug/ml



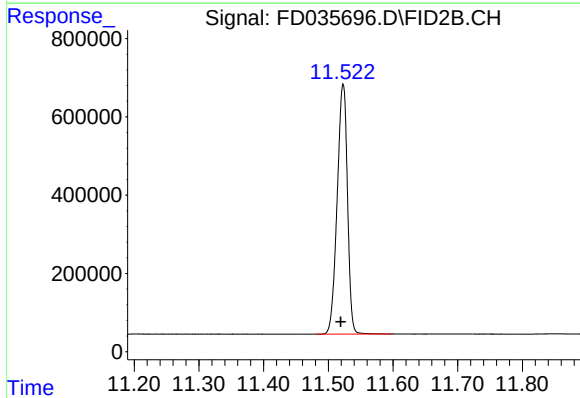
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: 0.004 min
Response: 6923702
Conc: 47.89 ug/ml



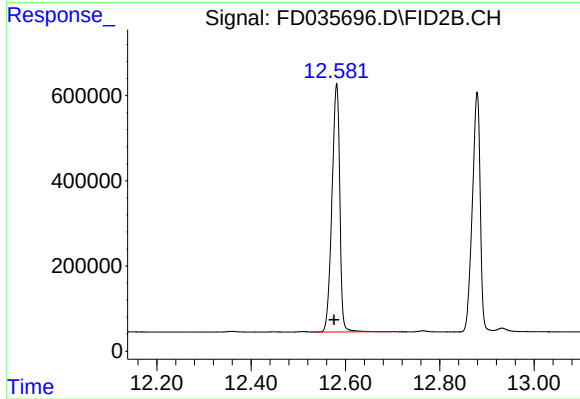
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: 0.006 min
Response: 6897184
Conc: 47.29 ug/ml



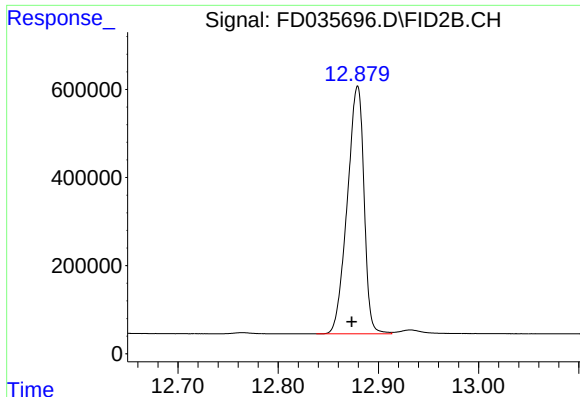
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.003 min
Response: 7045835
Conc: 47.13 ug/ml



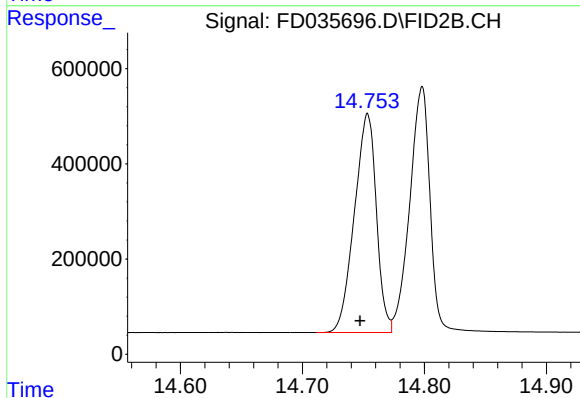
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: 0.005 min
Response: 6699433
Conc: 47.30 ug/ml



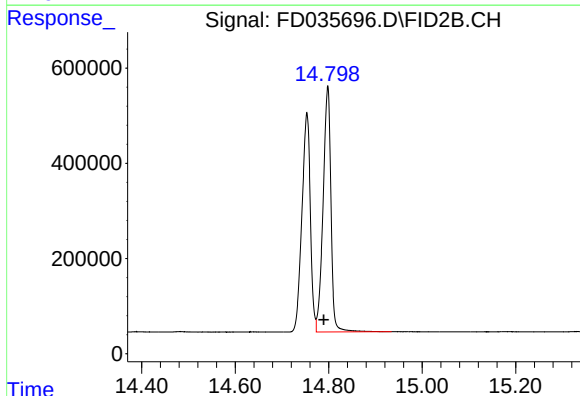
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: 0.005 min
Response: 6534534
Conc: 48.30 ug/ml



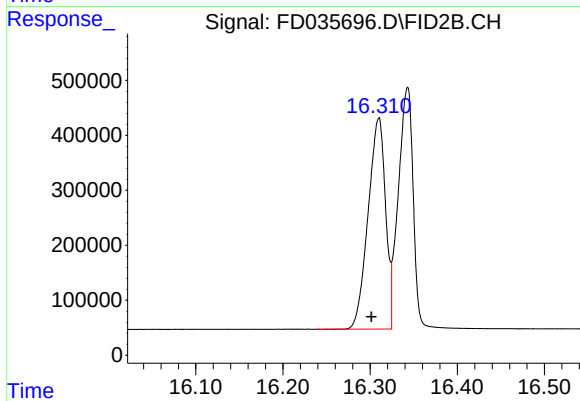
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: 0.006 min
Response: 5748047
Conc: 48.13 ug/ml



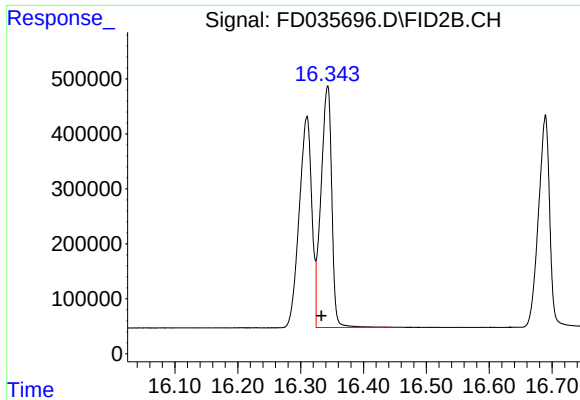
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: 0.008 min
Response: 6031852
Conc: 46.78 ug/ml



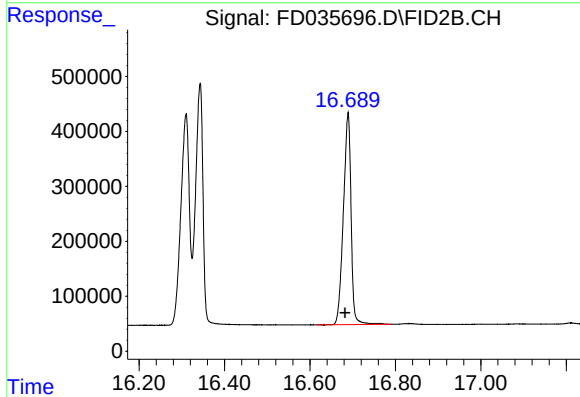
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.310 min
Delta R.T.: 0.008 min
Response: 5338536
Conc: 48.27 ug/ml



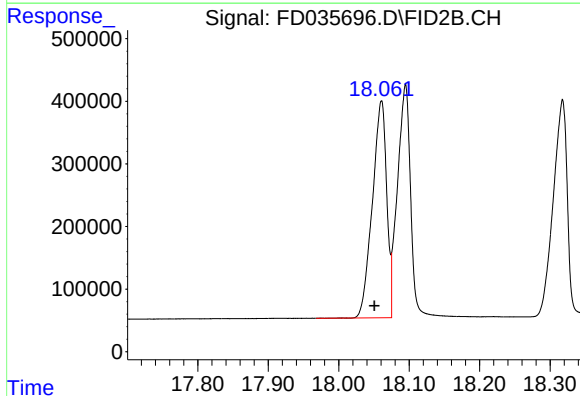
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.342 min
Delta R.T.: 0.010 min
Response: 5234055
Conc: 46.33 ug/ml



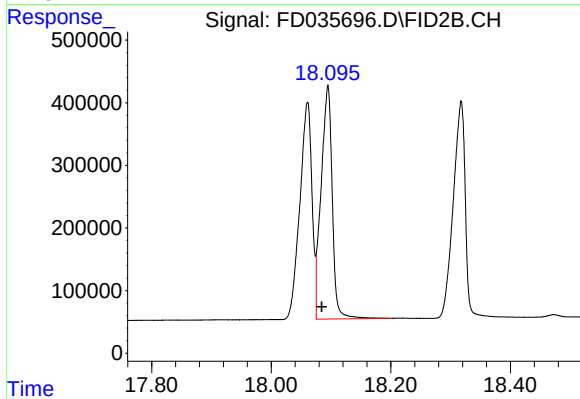
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.689 min
Delta R.T.: 0.007 min
Response: 4815319
Conc: 47.59 ug/ml



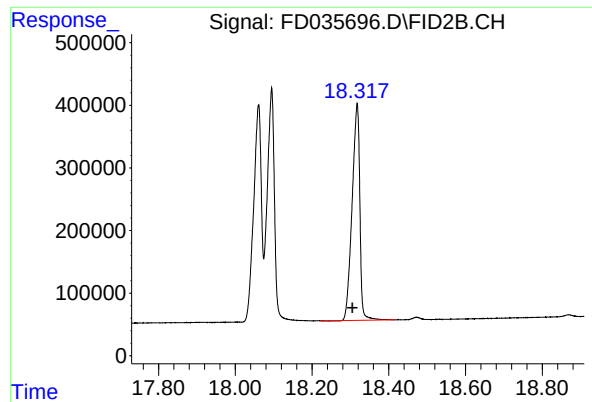
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.060 min
Delta R.T.: 0.009 min
Response: 4886120
Conc: 50.80 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.009 min
Response: 4814869
Conc: 45.27 ug/ml



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

R.T.: 18.317 min
Delta R.T.: 0.012 min
Response: 4831682
Conc: 48.12 ug/ml