

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011121AR\
 Data File : FD035984.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 4:03
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 05:24:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 05:23:58 2021
 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...	7.622	6130091	52.393 ug/ml
Spiked Amount 50.000		Recovery =	104.79%
6) S 2-Fluorobiphenyl (SURR)	8.484	4353731	52.949 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.90%
11) S ortho-Terphenyl (SURR)	11.529	7051877	52.343 ug/ml
Spiked Amount 50.000		Recovery =	104.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	6451078	51.663 ug/ml
2) T Naphthalene (C11.7)	5.959	7026679	52.022 ug/ml
3) T 2-Methylnaphthalene (...)	7.012	7102743	52.293 ug/ml
5) T Acenaphthylene (C15.06)	8.288	6895246	52.480 ug/ml
7) T Acenaphthene (C15.5)	8.585	7106587	52.956 ug/ml
8) T Fluorene (C16.55)	9.365	6996696	52.729 ug/ml
9) T Phenanthrene (C19.36)	10.761	7001153	52.489 ug/ml
10) T Anthracene (C19.43)	10.836	6868784	51.801 ug/ml
12) T Fluoranthene (C21.85)	12.573	6907717	52.090 ug/ml
13) T Pyrene (C20.8)	12.869	6803696	52.200 ug/ml
14) T Benzo[a]anthracene (C...	14.739	6180611	51.001 ug/ml
15) T Chrysene (C27.41)	14.784	6285402	50.647 ug/ml
16) T benzo[b]fluoranthene ...	16.287	5777042	49.710 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	5528526	48.759 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	5173655	48.705 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	5102860	48.439 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	5060399	46.748 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	5017538	47.743 ug/ml

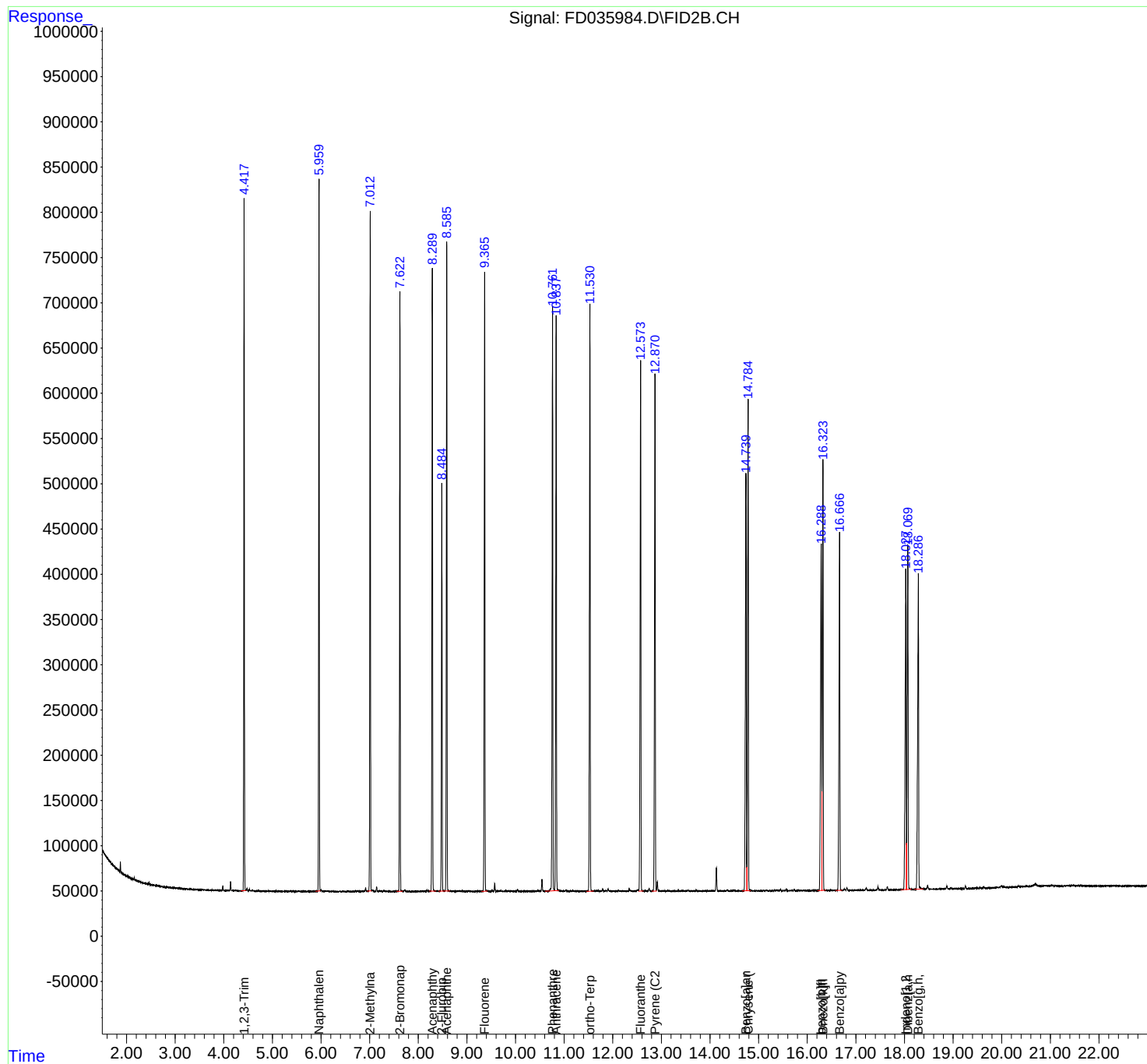
(f)=RT Delta > 1/2 Window

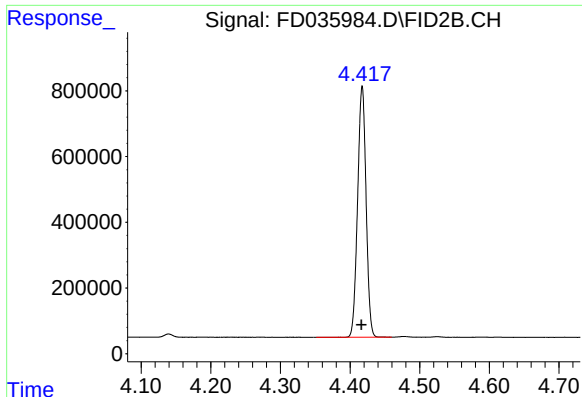
(m)=manual int.

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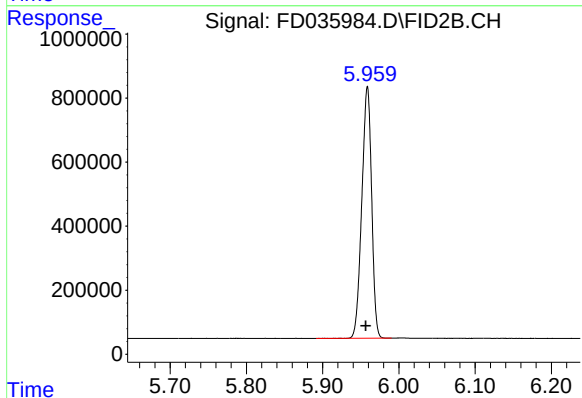
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





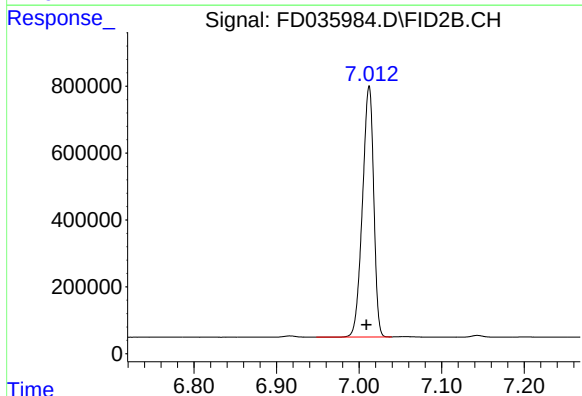
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: 0.001 min
Response: 6451078
Conc: 51.66 ug/ml



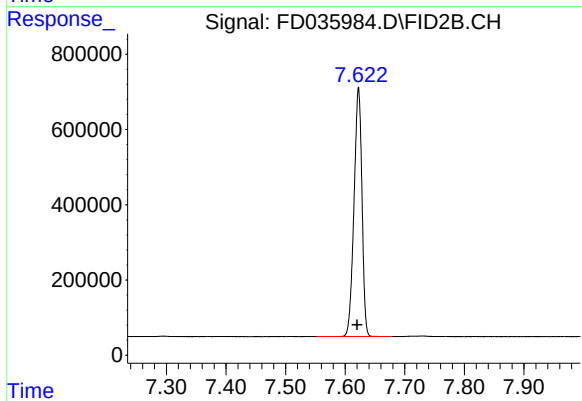
#2 Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.002 min
Response: 7026679
Conc: 52.02 ug/ml



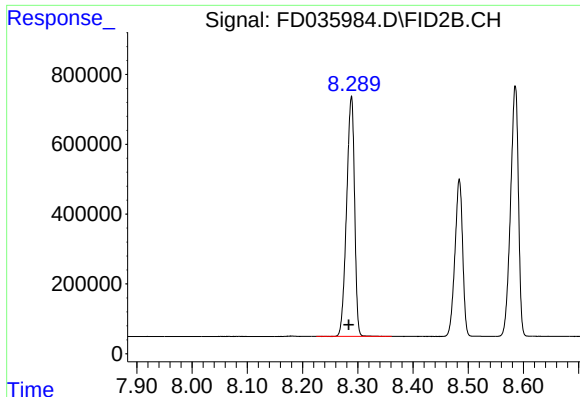
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: 0.003 min
Response: 7102743
Conc: 52.29 ug/ml



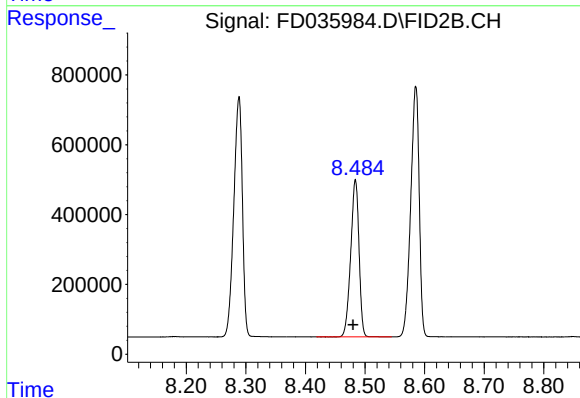
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: 0.002 min
Response: 6130091
Conc: 52.39 ug/ml



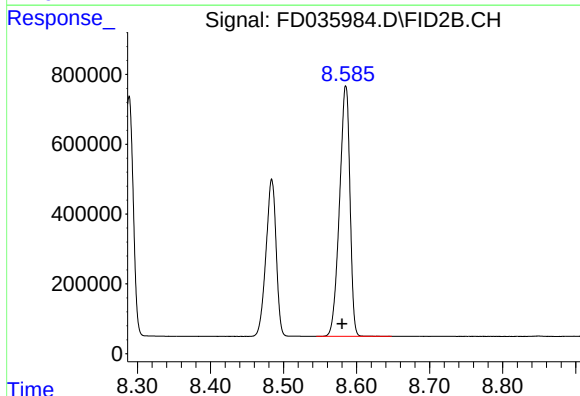
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: 0.004 min
Response: 6895246
Conc: 52.48 ug/ml



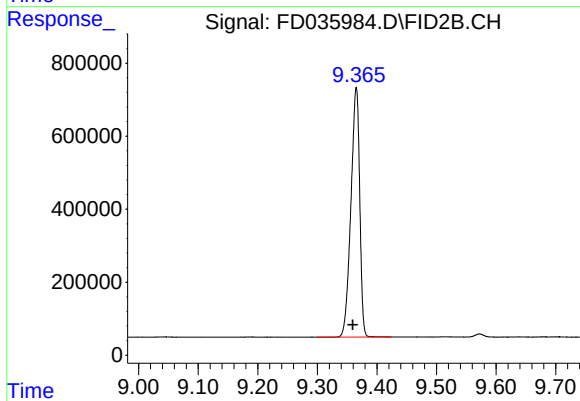
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: 0.004 min
Response: 4353731
Conc: 52.95 ug/ml



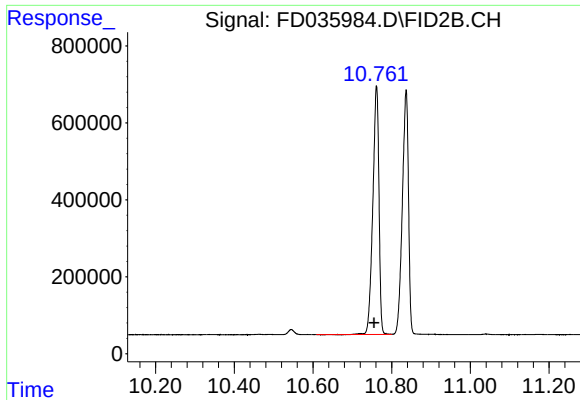
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: 0.005 min
Response: 7106587
Conc: 52.96 ug/ml



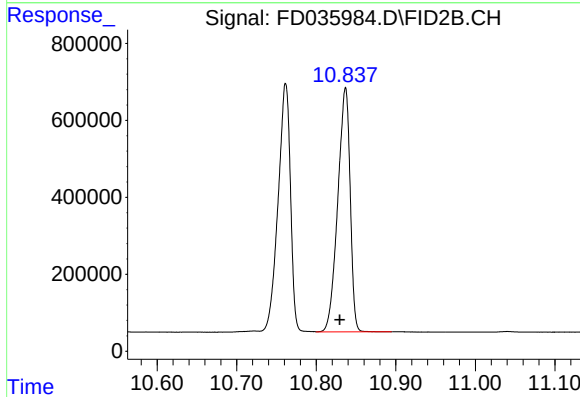
#8 Fluorene (C16.55)

R.T.: 9.365 min
Delta R.T.: 0.005 min
Response: 6996696
Conc: 52.73 ug/ml



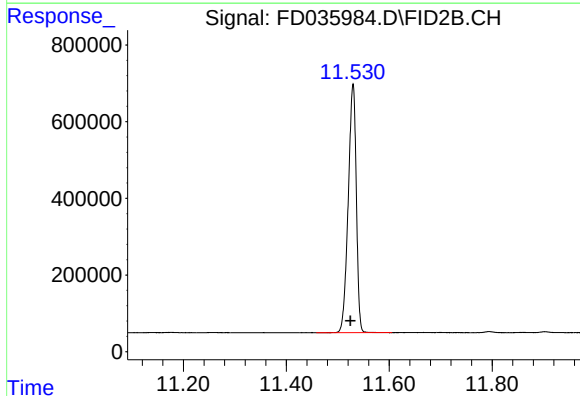
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: 0.006 min
Response: 7001153
Conc: 52.49 ug/ml



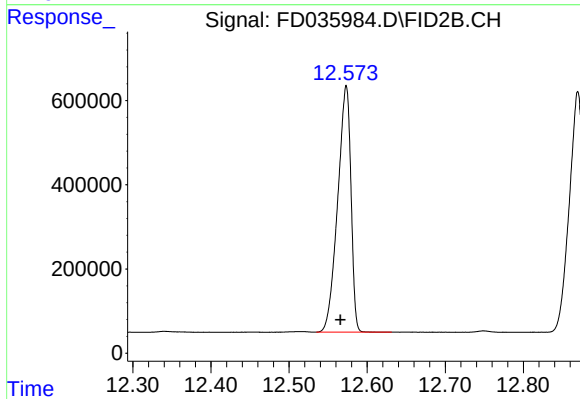
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: 0.007 min
Response: 6868784
Conc: 51.80 ug/ml



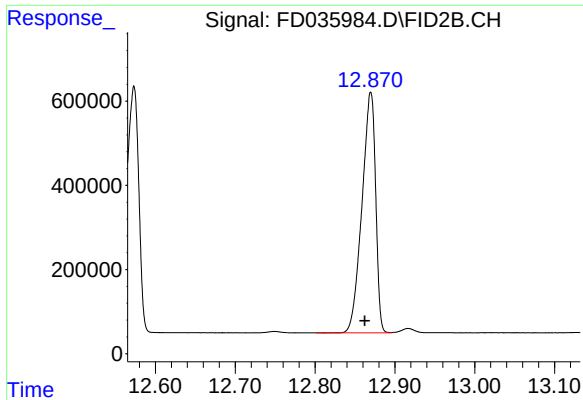
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: 0.005 min
Response: 7051877
Conc: 52.34 ug/ml



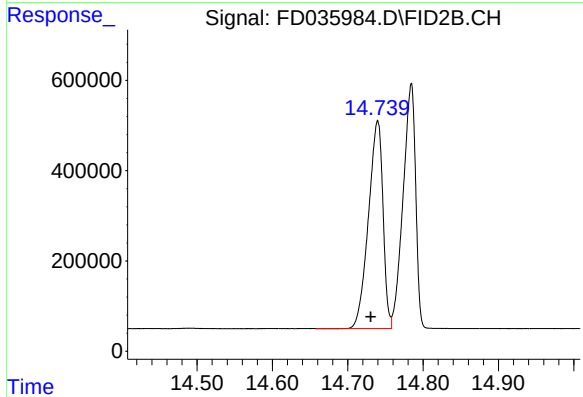
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: 0.007 min
Response: 6907717
Conc: 52.09 ug/ml



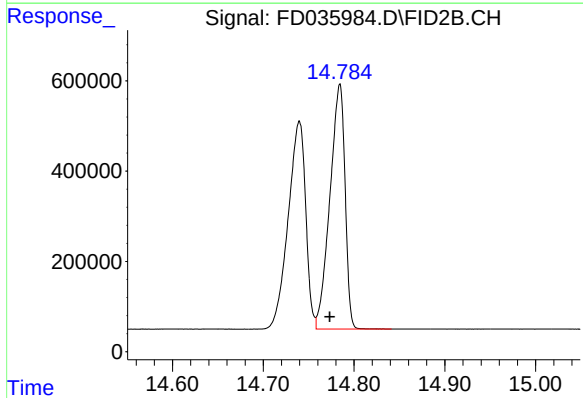
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: 0.007 min
Response: 6803696
Conc: 52.20 ug/ml



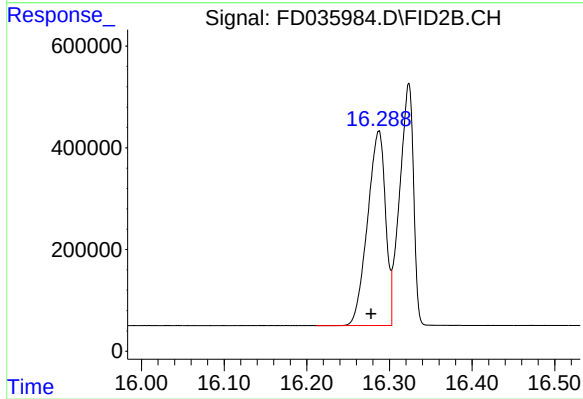
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.008 min
Response: 6180611
Conc: 51.00 ug/ml



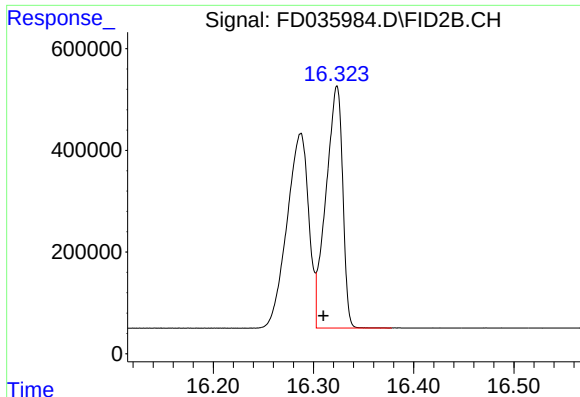
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.011 min
Response: 6285402
Conc: 50.65 ug/ml



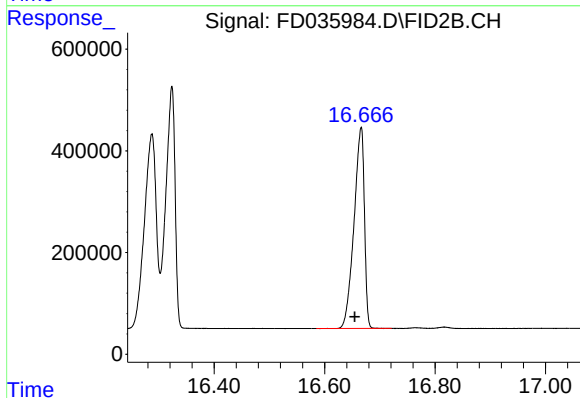
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.287 min
Delta R.T.: 0.009 min
Response: 5777042
Conc: 49.71 ug/ml



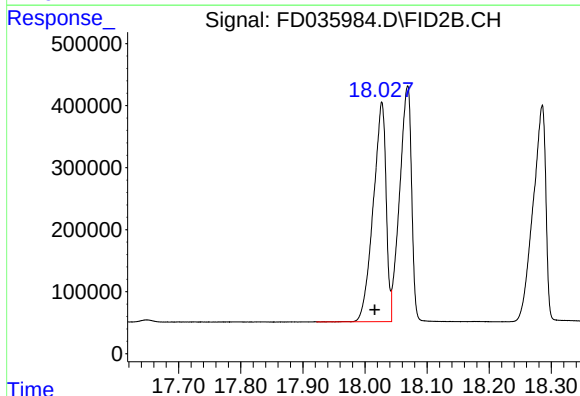
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: 0.013 min
Response: 5528526
Conc: 48.76 ug/ml



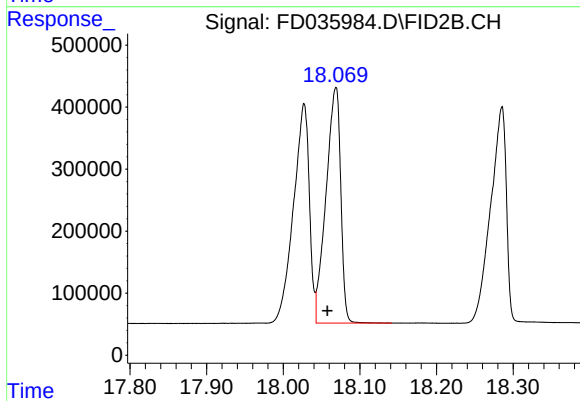
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: 0.010 min
Response: 5173655
Conc: 48.70 ug/ml



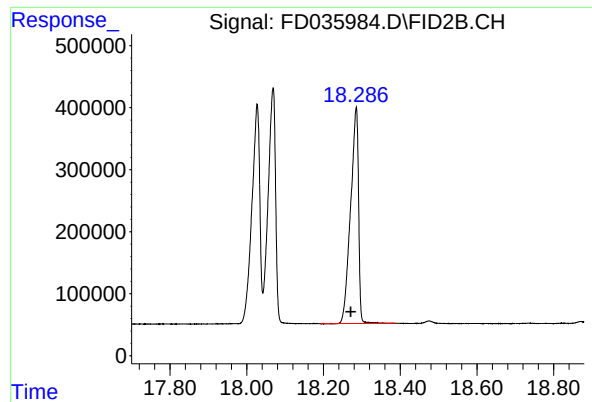
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: 0.011 min
Response: 5102860
Conc: 48.44 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.010 min
Response: 5060399
Conc: 46.75 ug/ml



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

R.T.: 18.284 min
Delta R.T.: 0.013 min
Response: 5017538
Conc: 47.74 ug/ml