

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011121AR\
 Data File : FD035990.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 7:45
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 08:11:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 06:30:05 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...	7.619	2473134	21.225 ug/ml
Spiked Amount 50.000		Recovery =	42.45%
6) S 2-Fluorobiphenyl (SURR)	8.480	1747758	21.370 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.74%
11) S ortho-Terphenyl (SURR)	11.524	2860457	20.918 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	2626925	20.901 ug/ml
2) T Naphthalene (C11.7)	5.956	2859767	20.999 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	2873563	21.116 ug/ml
5) T Acenaphthylene (C15.06)	8.284	2773297	21.264 ug/ml
7) T Acenaphthene (C15.5)	8.579	2848351	21.181 ug/ml
8) T Flouorene (C16.55)	9.359	2814198	21.351 ug/ml
9) T Phenanthrene (C19.36)	10.755	2827990	21.205 ug/ml
10) T Anthracene (C19.43)	10.829	2806860	21.276 ug/ml
12) T Fluoranthene (C21.85)	12.565	2818427	21.115 ug/ml
13) T Pyrene (C20.8)	12.862	2764366	21.048 ug/ml
14) T Benzo[a]anthracene (C...	14.730	2547815	21.127 ug/ml
15) T Chrysene (C27.41)	14.773	2613586	21.010 ug/ml
16) T benzo[b]fluoranthene ...	16.278	2386323	20.788 ug/ml
17) T Bnezo[k]fluoranthene ...	16.310	2324430	20.734 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	2158099	20.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.015	2094251	20.163 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	2162815	20.473 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2100454	20.291 ug/ml

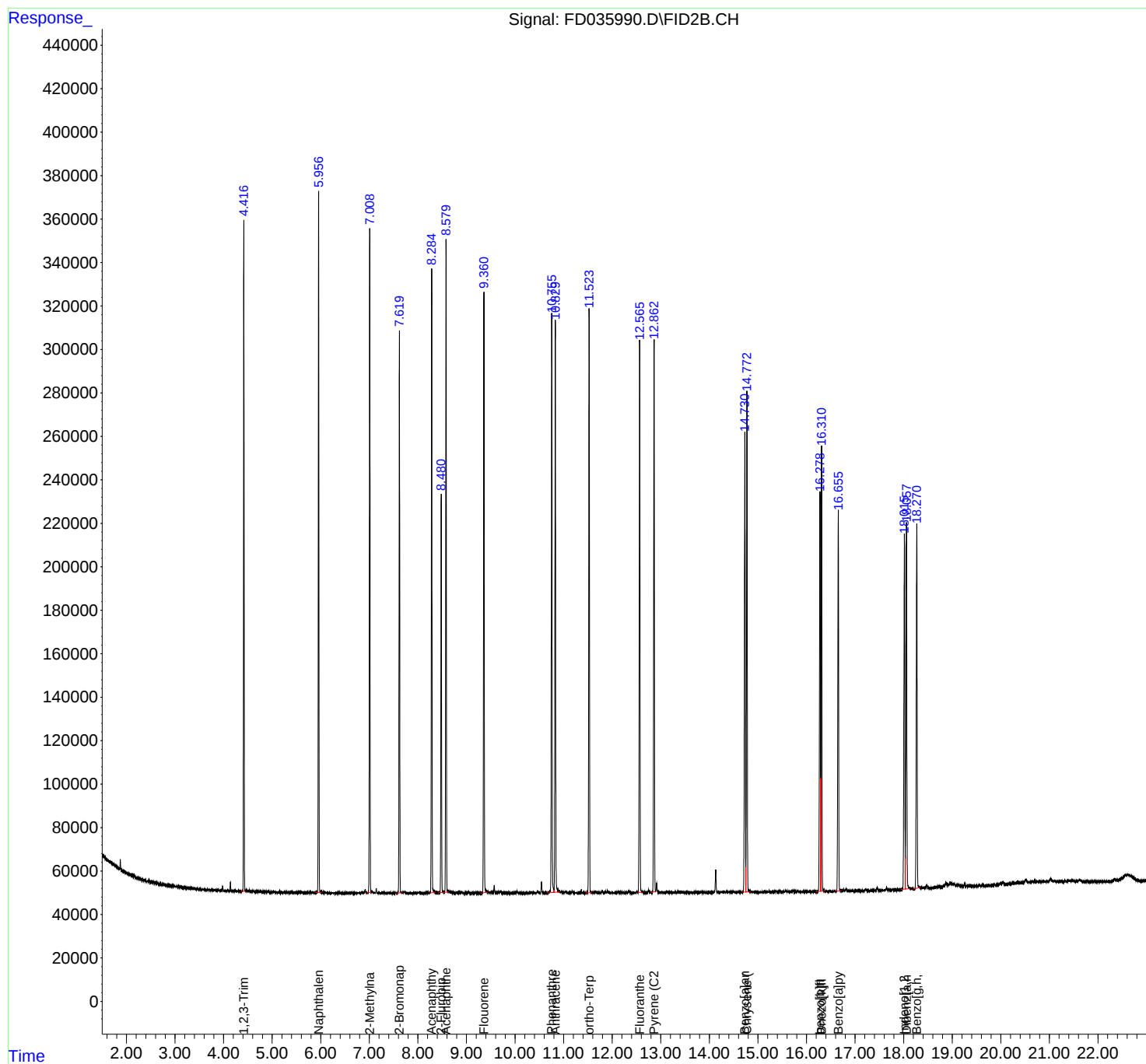
(f)=RT Delta > 1/2 Window

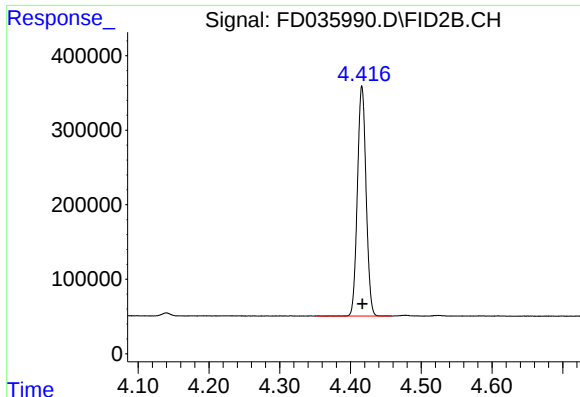
(m)=manual int.

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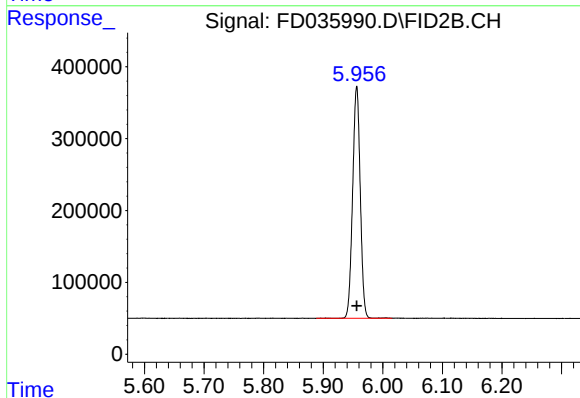
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





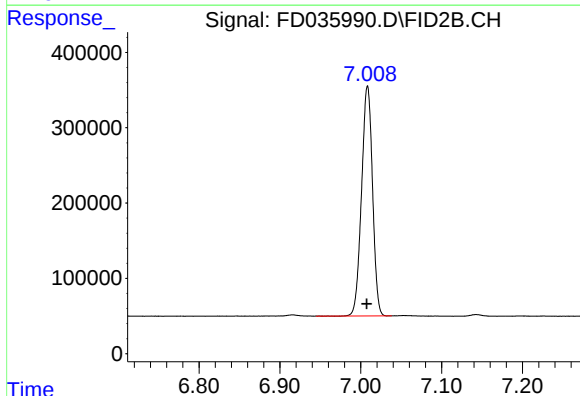
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 2626925
Conc: 20.90 ug/ml



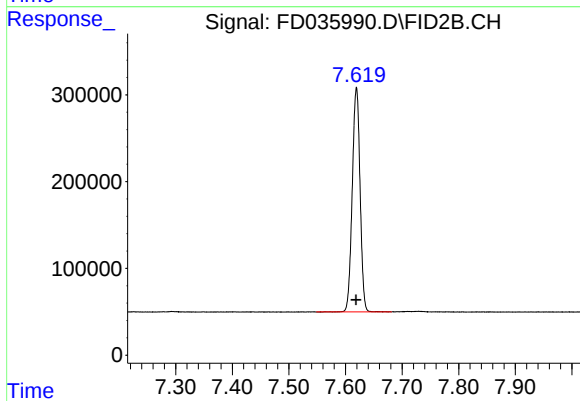
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 2859767
Conc: 21.00 ug/ml



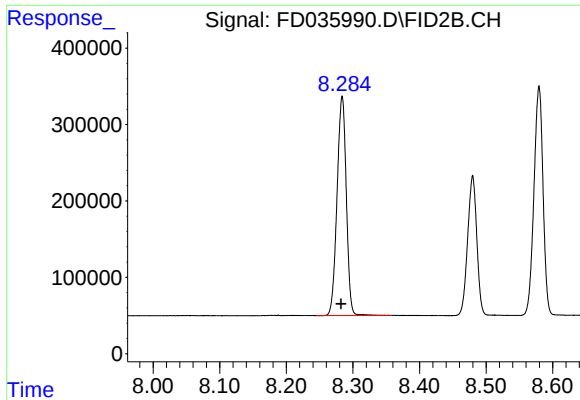
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 2873563
Conc: 21.12 ug/ml



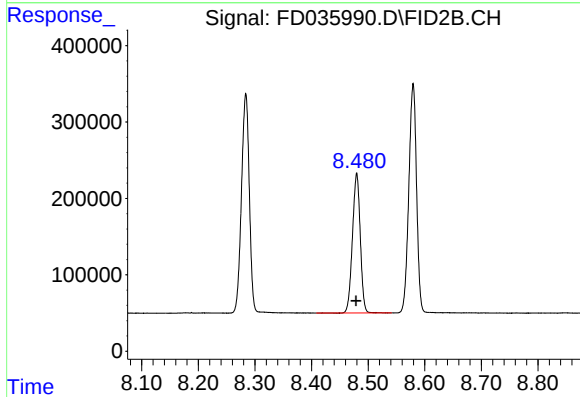
#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 2473134
Conc: 21.23 ug/ml



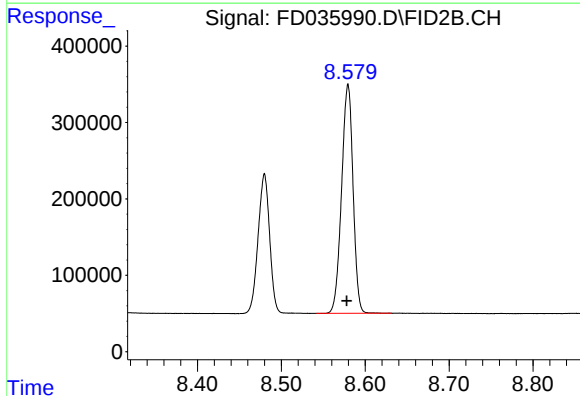
#5 Acenaphthylene (C15.06)

R.T.: 8.284 min
Delta R.T.: 0.001 min
Response: 2773297
Conc: 21.26 ug/ml



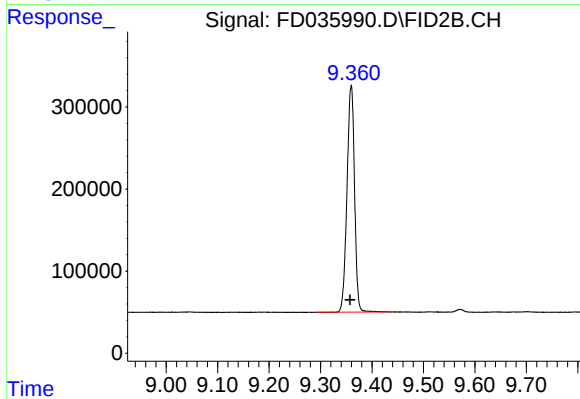
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: 0.001 min
Response: 1747758
Conc: 21.37 ug/ml



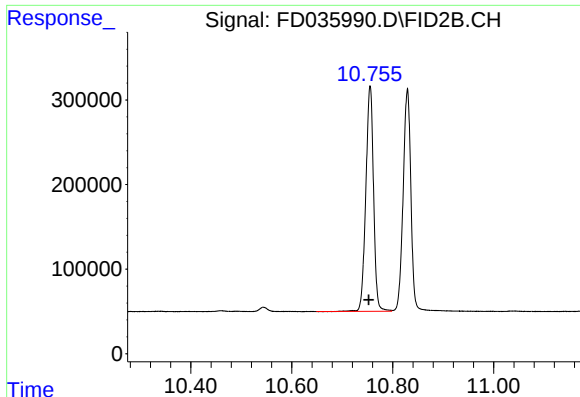
#7 Acenaphthene (C15.5)

R.T.: 8.579 min
Delta R.T.: 0.001 min
Response: 2848351
Conc: 21.18 ug/ml



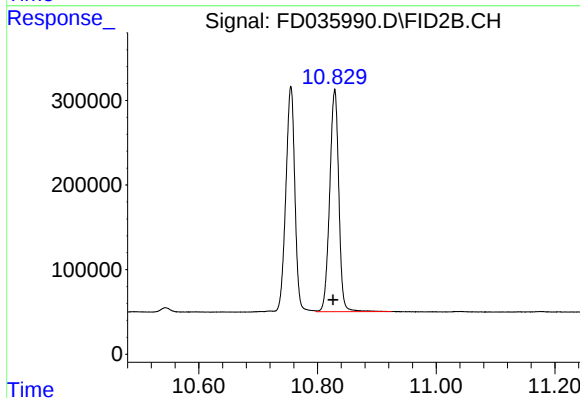
#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: 0.002 min
Response: 2814198
Conc: 21.35 ug/ml



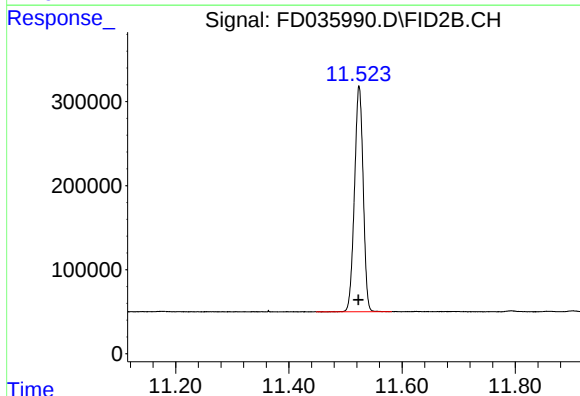
#9 Phenanthrene (C19.36)

R.T.: 10.755 min
Delta R.T.: 0.003 min
Response: 2827990
Conc: 21.21 ug/ml



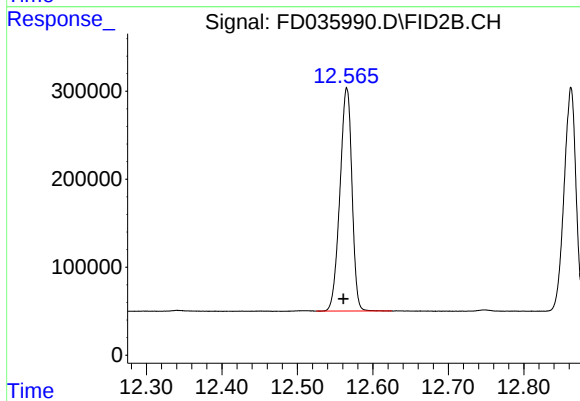
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: 0.003 min
Response: 2806860
Conc: 21.28 ug/ml



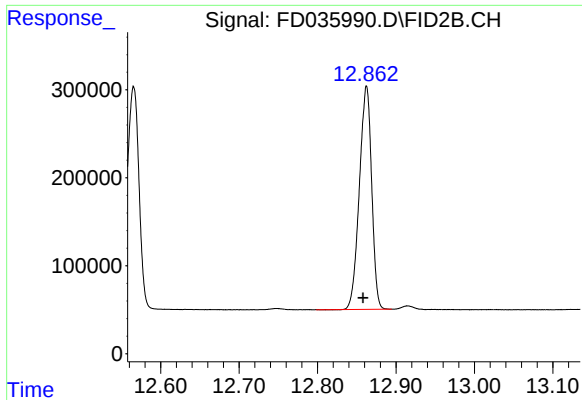
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.001 min
Response: 2860457
Conc: 20.92 ug/ml



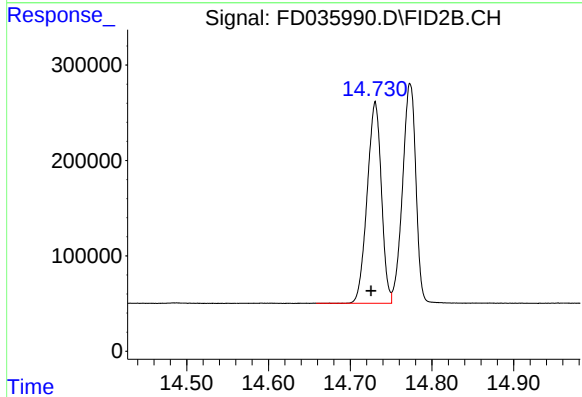
#12 Fluoranthene (C21.85)

R.T.: 12.565 min
Delta R.T.: 0.004 min
Response: 2818427
Conc: 21.11 ug/ml



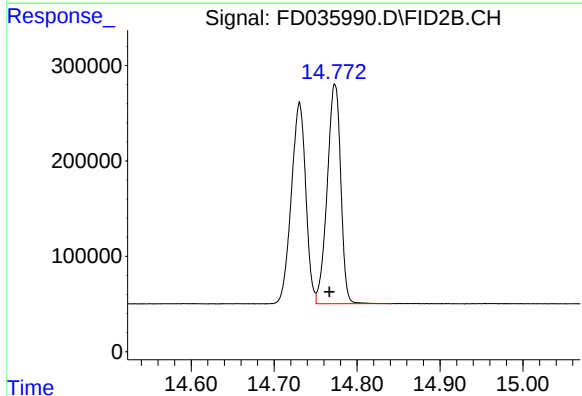
#13 Pyrene (C20.8)

R.T.: 12.862 min
Delta R.T.: 0.004 min
Response: 2764366
Conc: 21.05 ug/ml



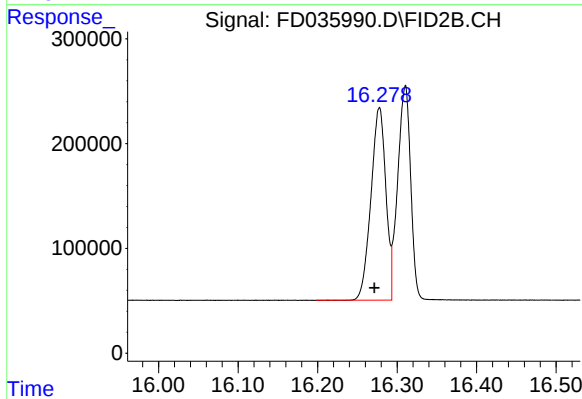
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.730 min
Delta R.T.: 0.005 min
Response: 2547815
Conc: 21.13 ug/ml



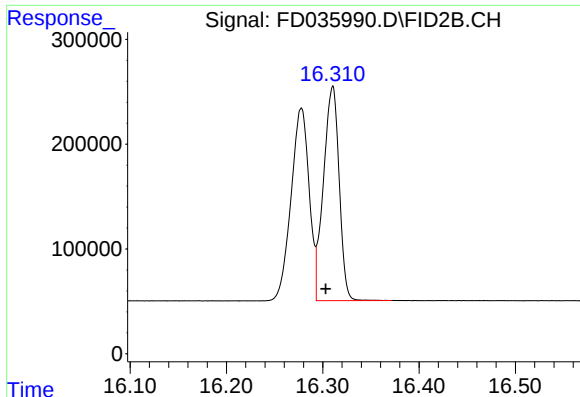
#15 Chrysene (C27.41)

R.T.: 14.773 min
Delta R.T.: 0.007 min
Response: 2613586
Conc: 21.01 ug/ml



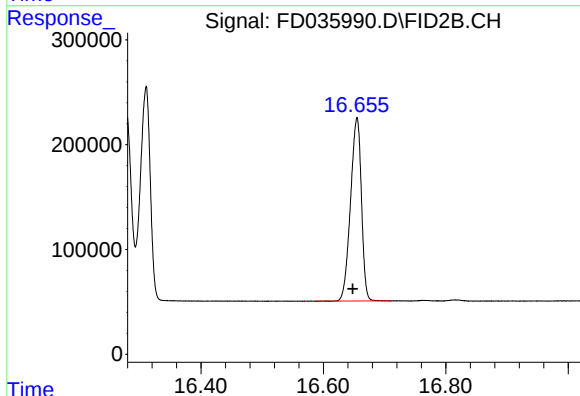
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.278 min
Delta R.T.: 0.006 min
Response: 2386323
Conc: 20.79 ug/ml



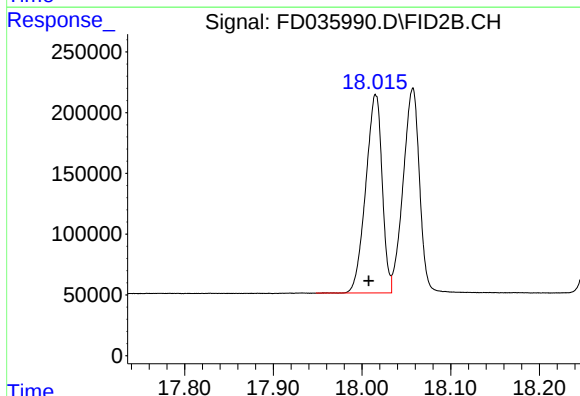
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.310 min
Delta R.T.: 0.007 min
Response: 2324430
Conc: 20.73 ug/ml



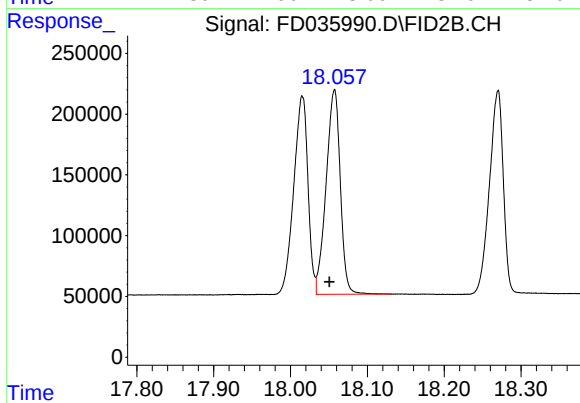
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: 0.006 min
Response: 2158099
Conc: 20.71 ug/ml



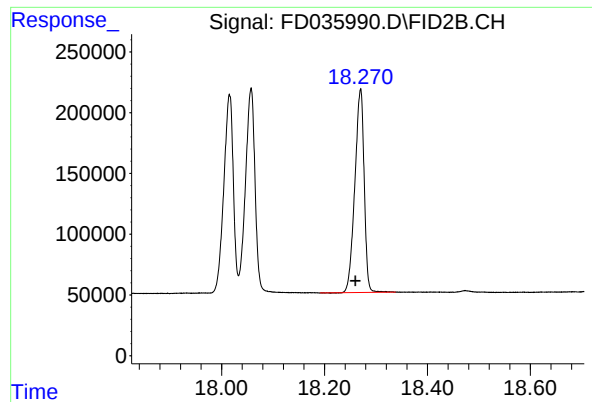
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.015 min
Delta R.T.: 0.007 min
Response: 2094251
Conc: 20.16 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.006 min
Response: 2162815
Conc: 20.47 ug/ml



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

R.T.: 18.270 min
Delta R.T.: 0.009 min
Response: 2100454
Conc: 20.29 ug/ml