

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040820AR\
 Data File : FD032881.D
 Signal(s) : FID2B.CH
 Acq On : 08 Apr 2020 15:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 02:08:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.606	3198348	21.799 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
6) S 2-Fluorobiphenyl (SURR)	8.468	2103382	21.560 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.12%
11) S ortho-Terphenyl (SURR)	11.503	3310206	20.713 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.412	3481742	22.415 ug/ml
2) T Naphthalene (C11.7)	5.948	3609791	22.124 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3526183	21.852 ug/ml
5) T Acenaphthylene (C15.06)	8.271	3332178	21.541 ug/ml
7) T Acenaphthene (C15.5)	8.566	3474321	21.591 ug/ml
8) T Fluorene (C16.55)	9.346	3354037	21.574 ug/ml
9) T Phenanthrene (C19.36)	10.741	3251232	20.756 ug/ml
10) T Anthracene (C19.43)	10.815	3125436	20.520 ug/ml
12) T Fluoranthene (C21.85)	12.551	3124937	19.829 ug/ml
13) T Pyrene (C20.8)	12.848	3060463	19.598 ug/ml
14) T Benzo[a]anthracene (C...	14.719	2726247	19.152 ug/ml
15) T Chrysene (C27.41)	14.761	2798973	18.969 ug/ml
16) T benzo[b]fluoranthene ...	16.270	2668283	19.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.302	2671573	19.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	2630775	19.859 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	2712931	22.476 ug/ml
20) T Dibenz[a,h]anthracene...	18.055	2712931	21.656 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	2639448	21.809 ug/ml

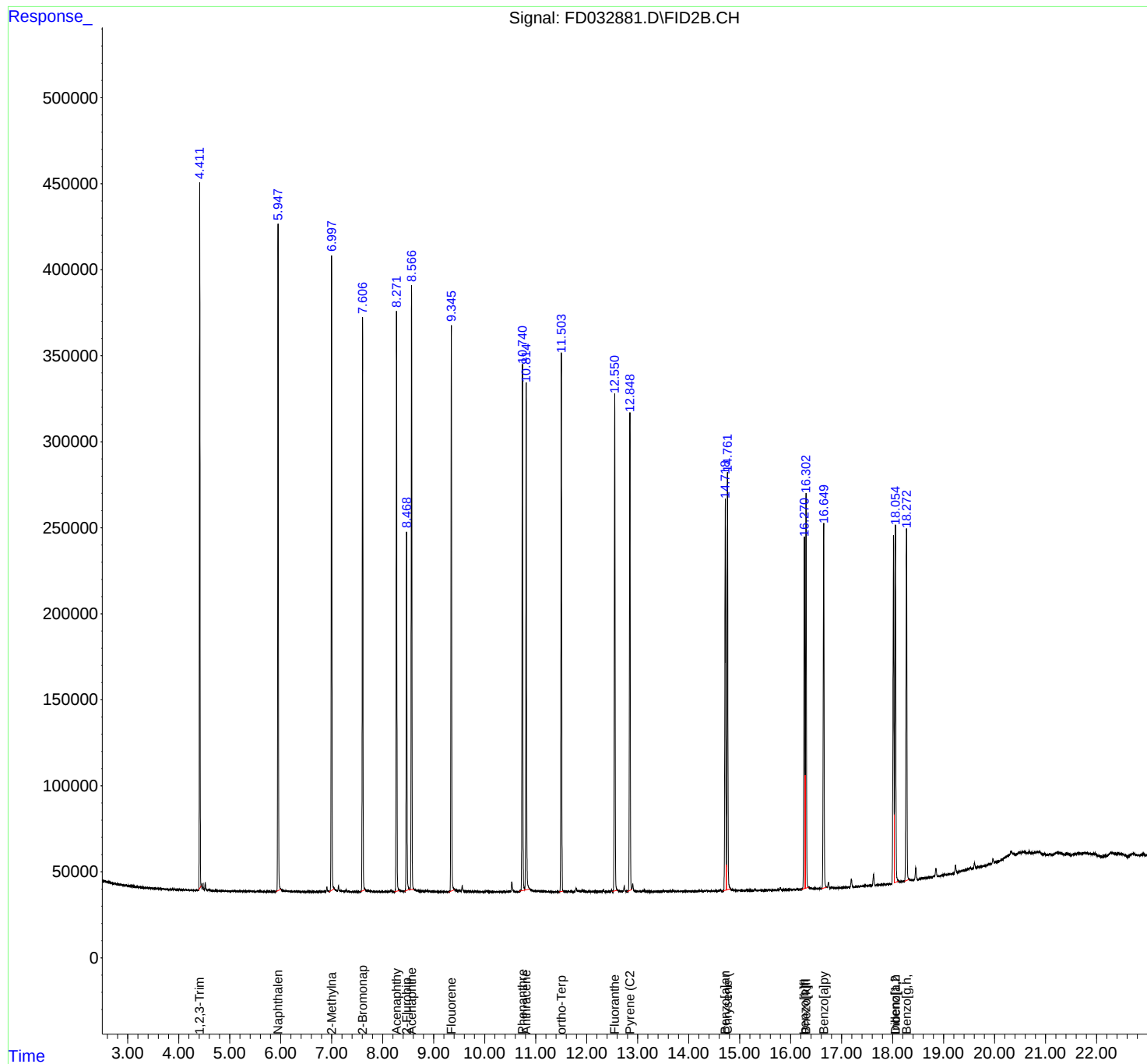
(f)=RT Delta > 1/2 Window

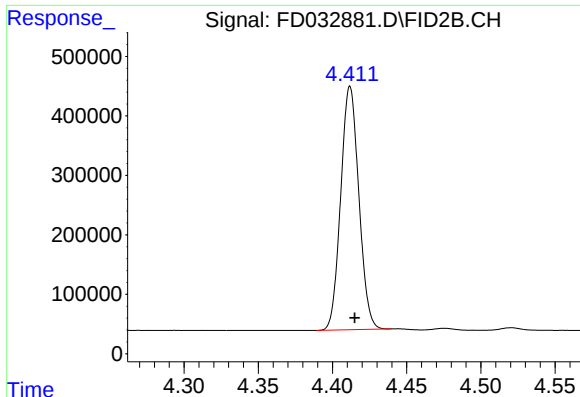
(m)=manual int.

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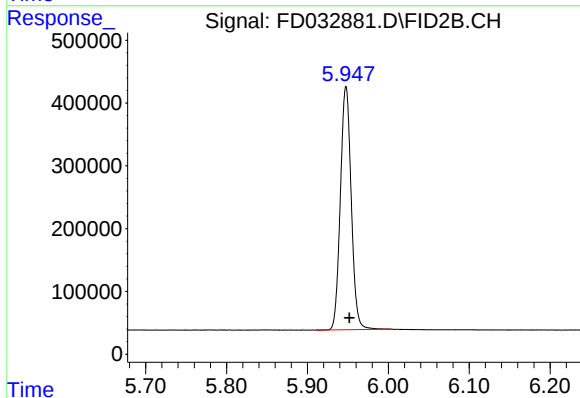
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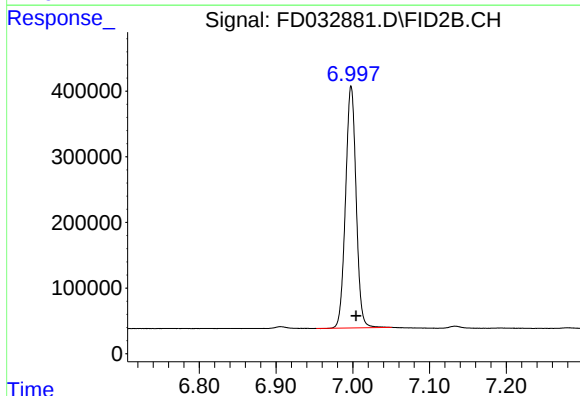
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.412 min
Delta R.T.: -0.003 min
Response: 3481742
Conc: 22.42 ug/ml



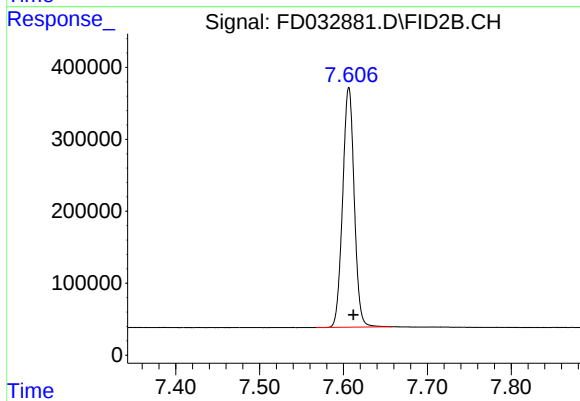
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3609791
Conc: 22.12 ug/ml



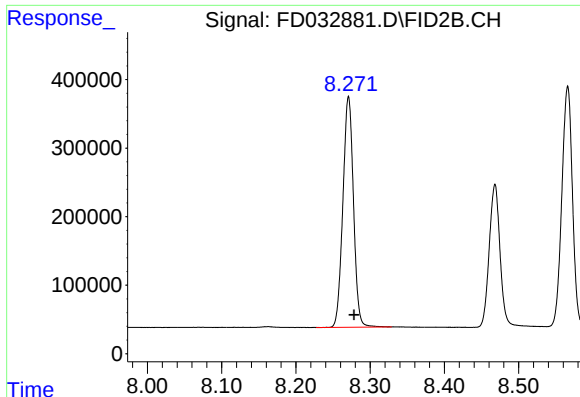
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.006 min
Response: 3526183
Conc: 21.85 ug/ml



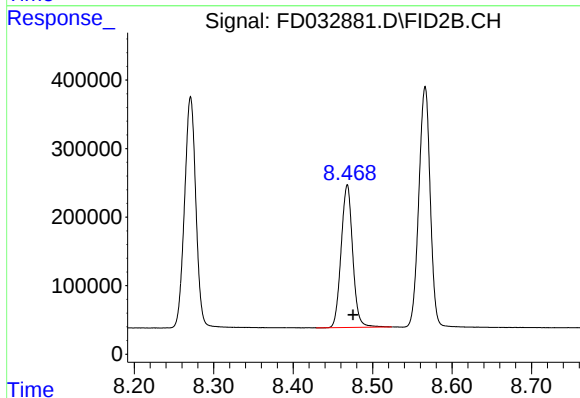
#4 2-Bromonaphthalene (SURR)

R.T.: 7.606 min
Delta R.T.: -0.005 min
Response: 3198348
Conc: 21.80 ug/ml



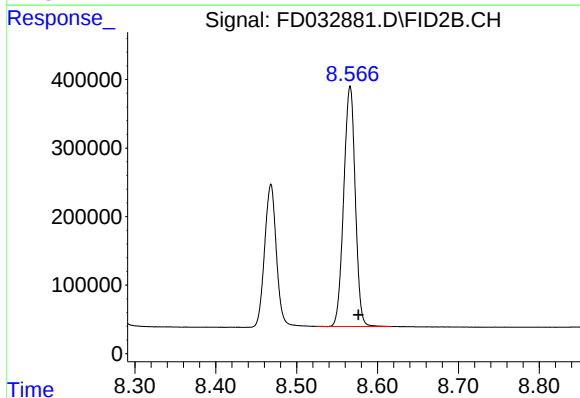
#5 Acenaphthylene (C15.06)

R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 3332178
Conc: 21.54 ug/ml



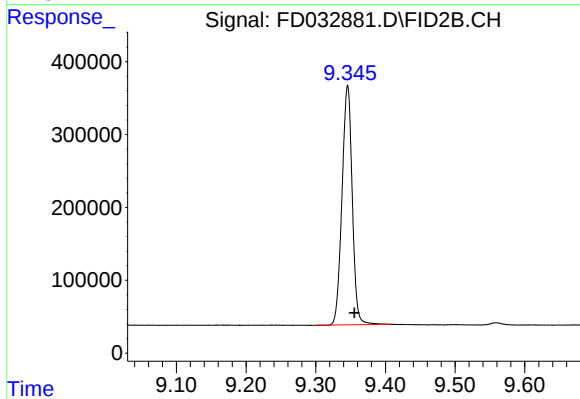
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 2103382
Conc: 21.56 ug/ml



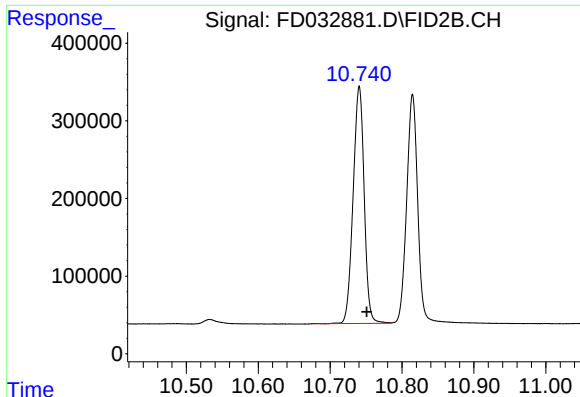
#7 Acenaphthene (C15.5)

R.T.: 8.566 min
Delta R.T.: -0.010 min
Response: 3474321
Conc: 21.59 ug/ml



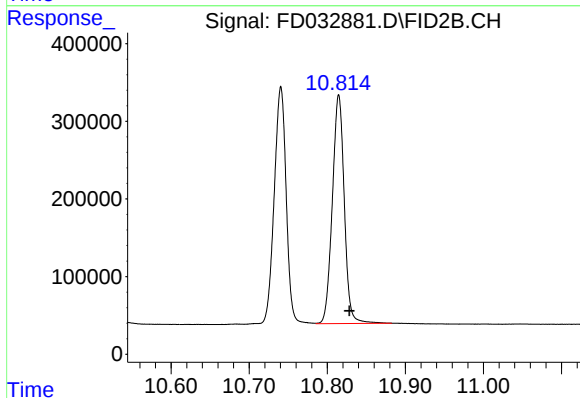
#8 Fluorene (C16.55)

R.T.: 9.346 min
Delta R.T.: -0.010 min
Response: 3354037
Conc: 21.57 ug/ml



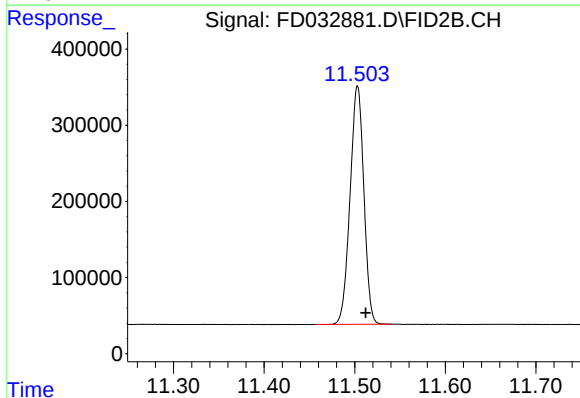
#9 Phenanthrene (C19.36)

R.T.: 10.741 min
Delta R.T.: -0.011 min
Response: 3251232
Conc: 20.76 ug/ml



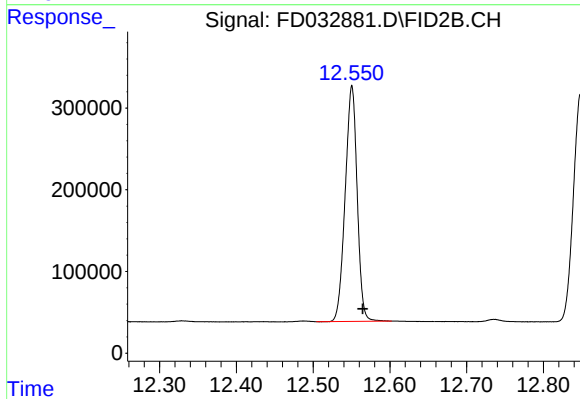
#10 Anthracene (C19.43)

R.T.: 10.815 min
Delta R.T.: -0.014 min
Response: 3125436
Conc: 20.52 ug/ml



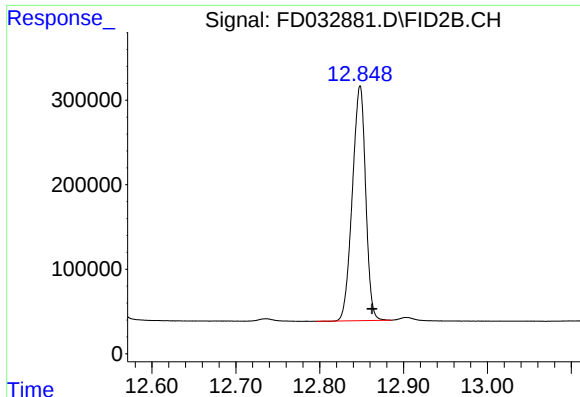
#11 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.009 min
Response: 3310206
Conc: 20.71 ug/ml



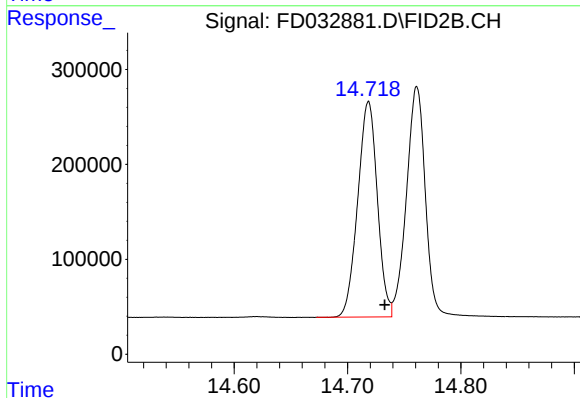
#12 Fluoranthene (C21.85)

R.T.: 12.551 min
Delta R.T.: -0.014 min
Response: 3124937
Conc: 19.83 ug/ml



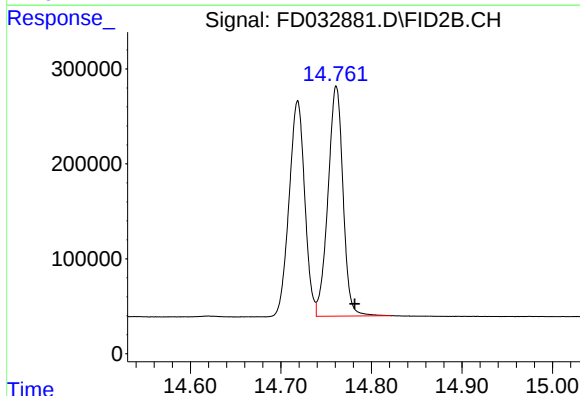
#13 Pyrene (C20.8)

R.T.: 12.848 min
Delta R.T.: -0.014 min
Response: 3060463
Conc: 19.60 ug/ml



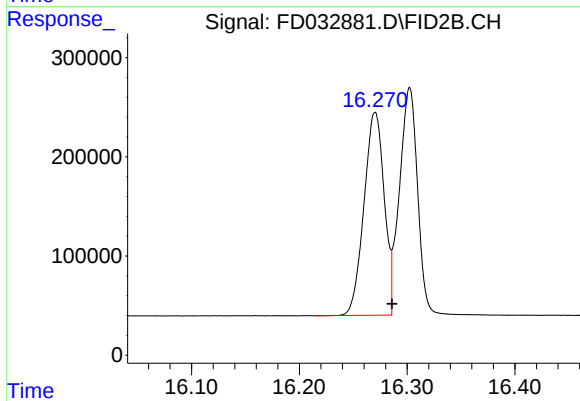
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: -0.014 min
Response: 2726247
Conc: 19.15 ug/ml



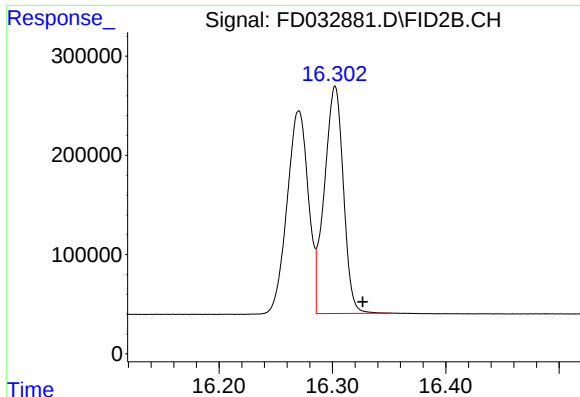
#15 Chrysene (C27.41)

R.T.: 14.761 min
Delta R.T.: -0.020 min
Response: 2798973
Conc: 18.97 ug/ml



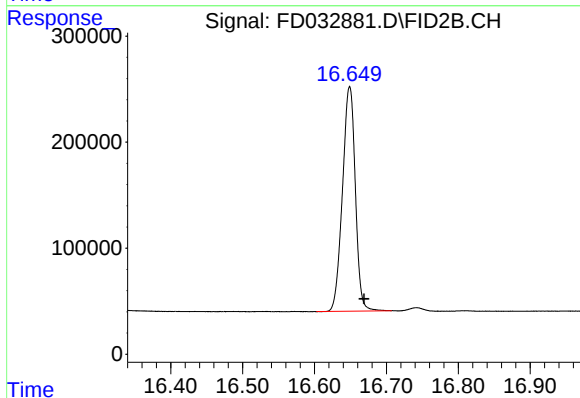
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.270 min
Delta R.T.: -0.016 min
Response: 2668283
Conc: 19.55 ug/ml



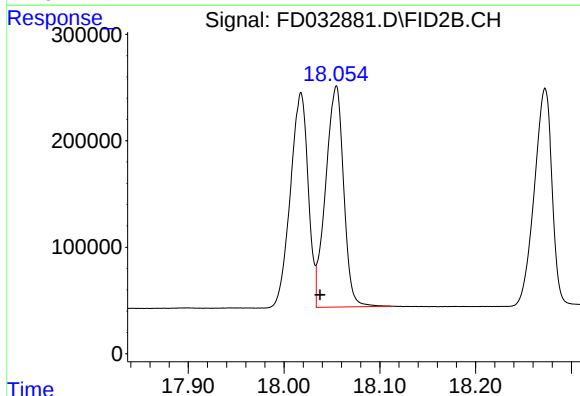
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.302 min
Delta R.T.: -0.024 min
Response: 2671573
Conc: 19.41 ug/ml



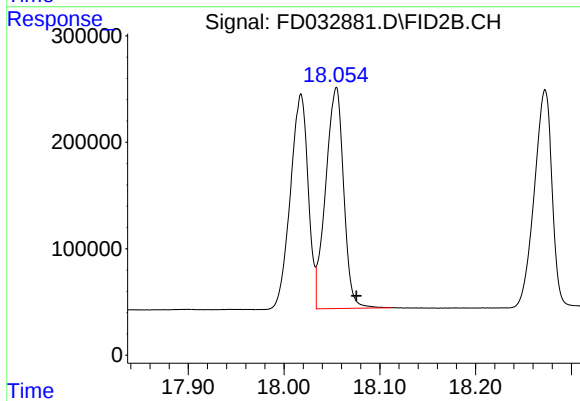
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: -0.020 min
Response: 2630775
Conc: 19.86 ug/ml



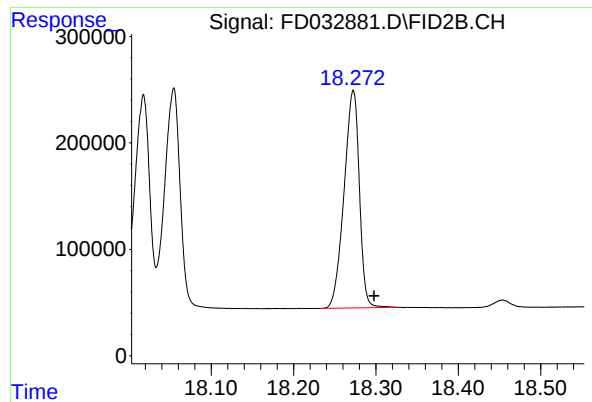
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: 0.017 min
Response: 2712931
Conc: 22.48 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.021 min
Response: 2712931
Conc: 21.66 ug/ml



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

R.T.: 18.273 min
Delta R.T.: -0.025 min
Response: 2639448
Conc: 21.81 ug/ml