

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FDCCC01AR.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 18:19
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 07 02:05:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.664	3386973	22.164 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
6) S 2-Fluorobiphenyl (SURR)	8.528	2240536	21.785 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.57%
11) S ortho-Terphenyl (SURR)	11.578	3768263	21.227 ug/ml
Spiked Amount 50.000		Recovery =	42.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.456	3783826	22.600 ug/ml
2) T Naphthalene (C11.7)	5.998	3884373	22.467 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	3541281	22.207 ug/ml
5) T Acenaphthylene (C15.06)	8.331	3686472	21.337 ug/ml
7) T Acenaphthene (C15.5)	8.628	3732451	21.692 ug/ml
8) T Fluorene (C16.55)	9.410	3628635	21.614 ug/ml
9) T Phenanthrene (C19.36)	10.809	3463284	21.061 ug/ml
10) T Anthracene (C19.43)	10.883	2941672	19.246 ug/ml
12) T Fluoranthene (C21.85)	12.624	3221395	20.447 ug/ml
13) T Pyrene (C20.8)	12.922	3124507	20.069 ug/ml
14) T Benzo[a]anthracene (C...	14.795	2824875	21.187 ug/ml
15) T Chrysene (C27.41)	14.837	3152723	23.863 ug/ml
16) T benzo[b]fluoranthene ...	16.348	2971469	22.306 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	2971469	23.991 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.726	2668815	21.563 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.092	2431585	21.815 ug/ml
20) T Dibenz[a,h]anthracene...	18.133	2982416	26.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.347	2711817	22.816 ug/ml

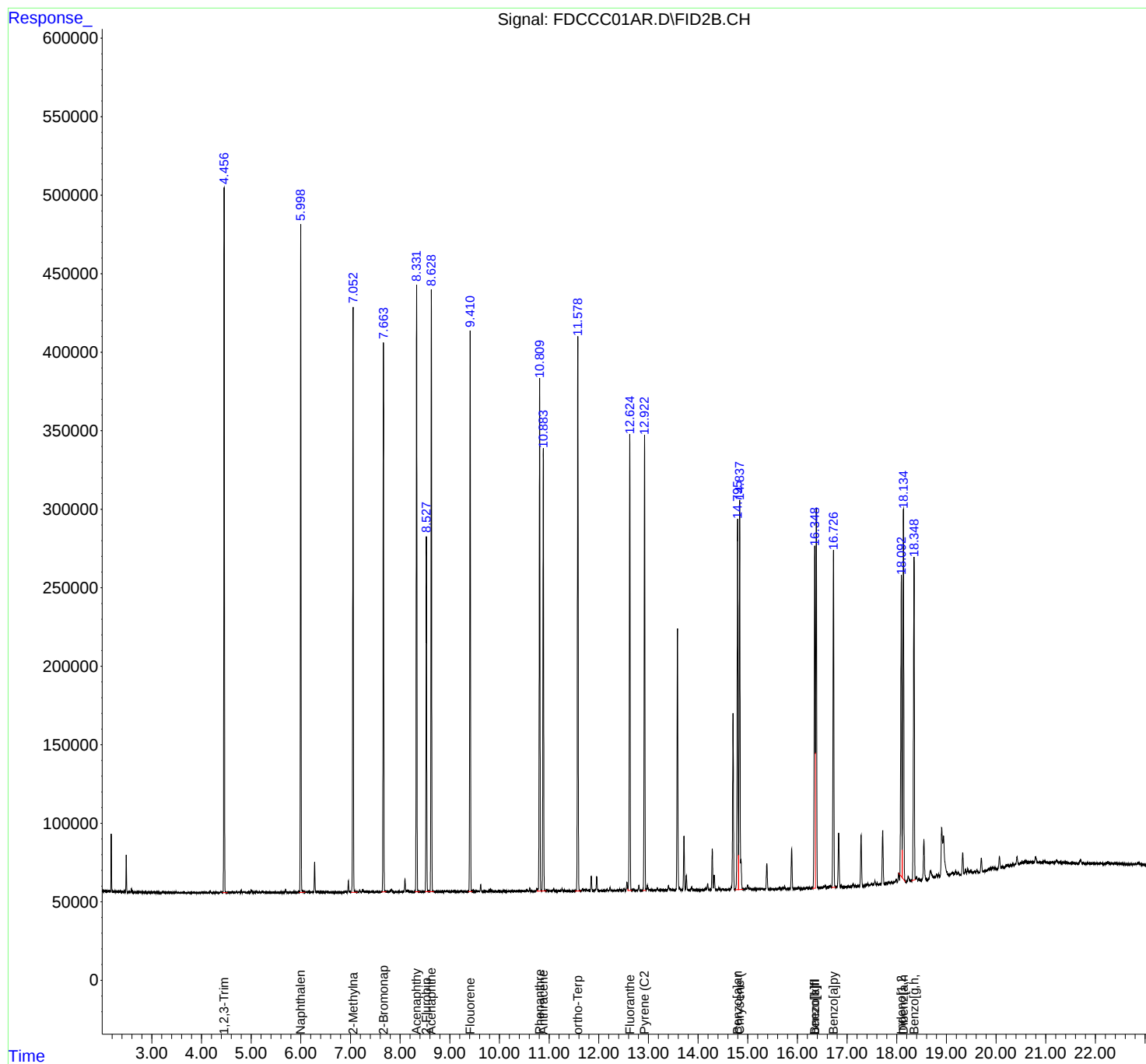
(f)=RT Delta > 1/2 Window

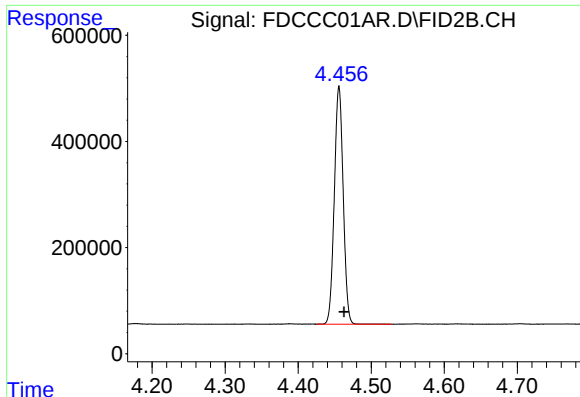
(m)=manual int.

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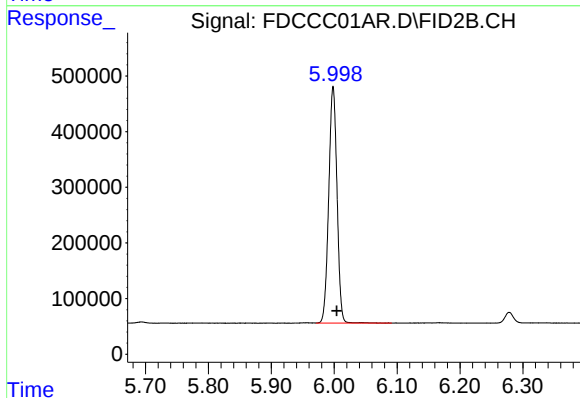
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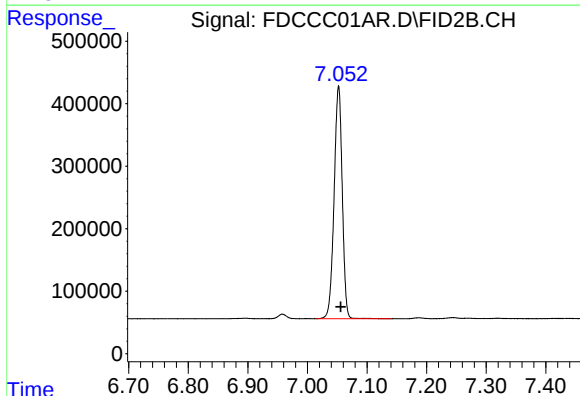
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.456 min
Delta R.T.: -0.007 min
Response: 3783826
Conc: 22.60 ug/ml



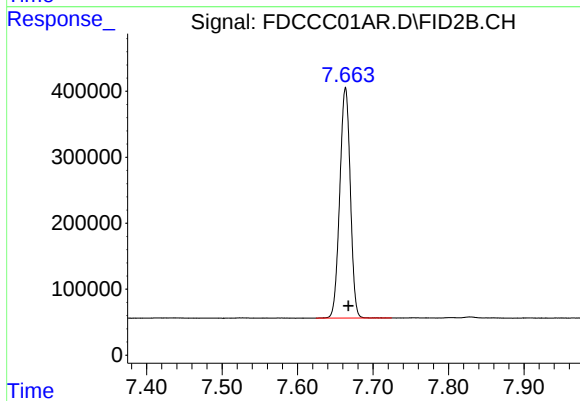
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 3884373
Conc: 22.47 ug/ml



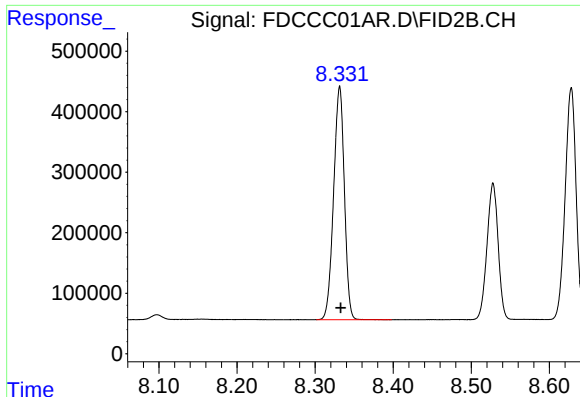
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 3541281
Conc: 22.21 ug/ml



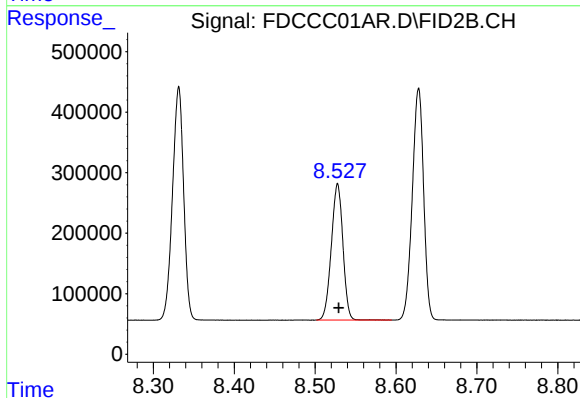
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 3386973
Conc: 22.16 ug/ml



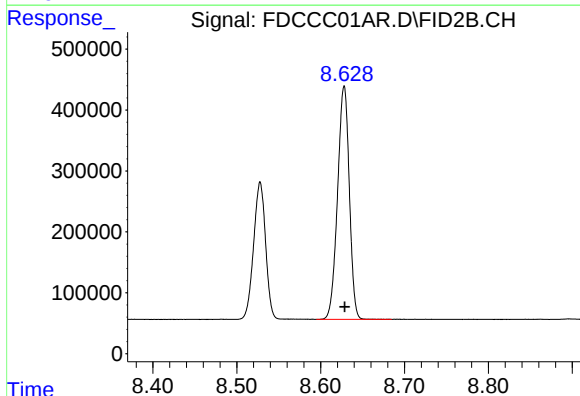
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 3686472
Conc: 21.34 ug/ml



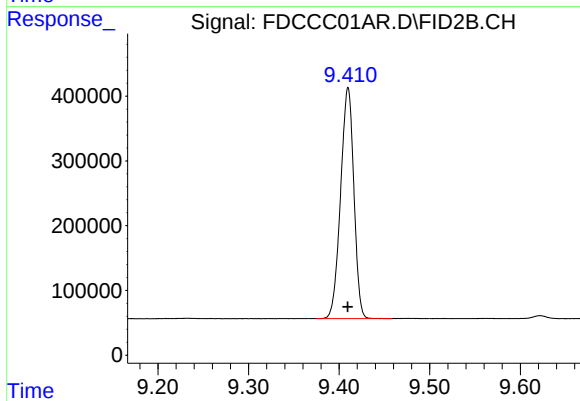
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min
Delta R.T.: -0.001 min
Response: 2240536
Conc: 21.79 ug/ml



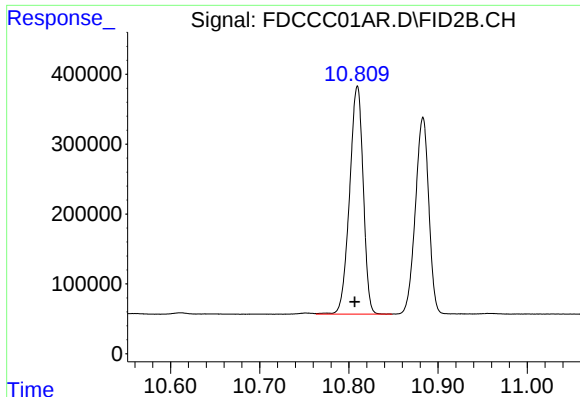
#7 Acenaphthene (C15.5)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 3732451
Conc: 21.69 ug/ml



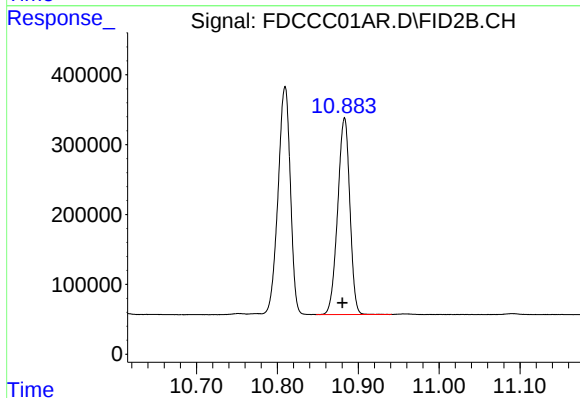
#8 Fluorene (C16.55)

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 3628635
Conc: 21.61 ug/ml



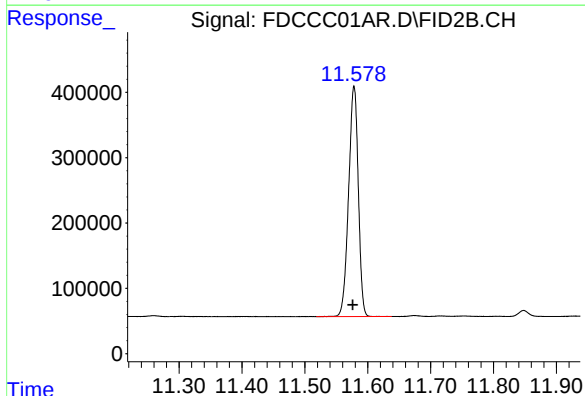
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: 0.003 min
Response: 3463284
Conc: 21.06 ug/ml



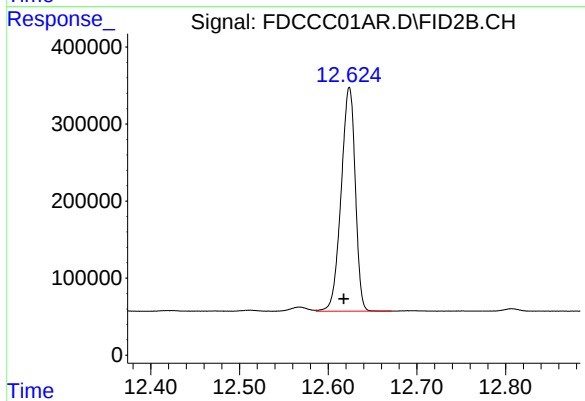
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2941672
Conc: 19.25 ug/ml



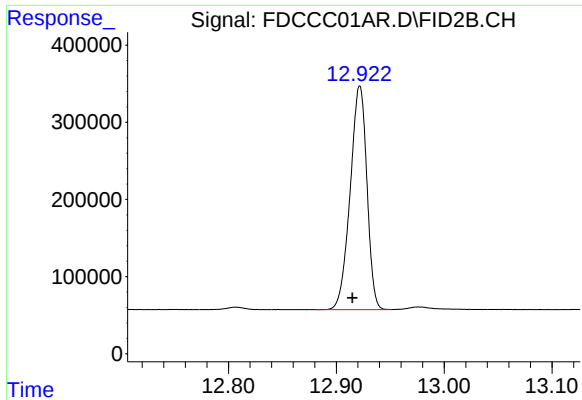
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.002 min
Response: 3768263
Conc: 21.23 ug/ml



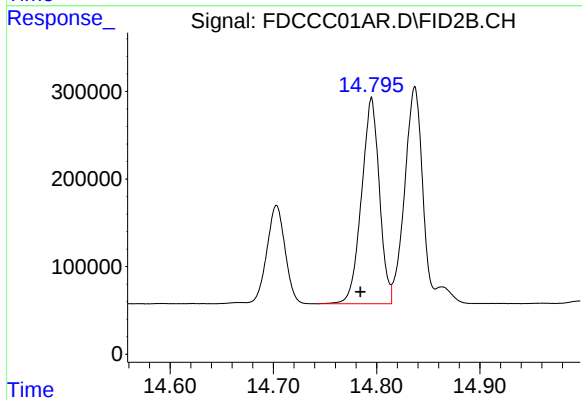
#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.006 min
Response: 3221395
Conc: 20.45 ug/ml



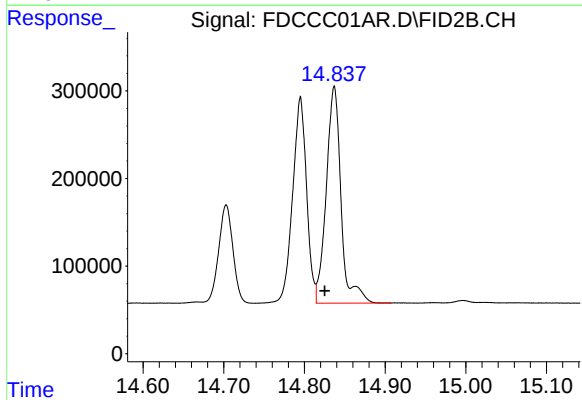
#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: 0.007 min
Response: 3124507
Conc: 20.07 ug/ml



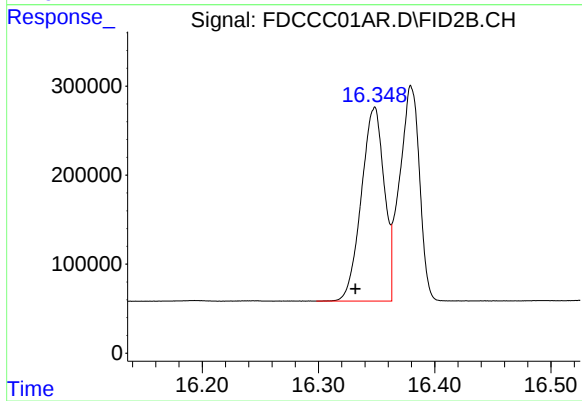
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.795 min
Delta R.T.: 0.011 min
Response: 2824875
Conc: 21.19 ug/ml



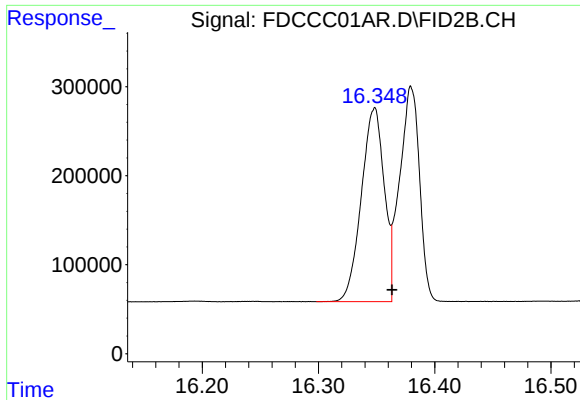
#15 Chrysene (C27.41)

R.T.: 14.837 min
Delta R.T.: 0.012 min
Response: 3152723
Conc: 23.86 ug/ml



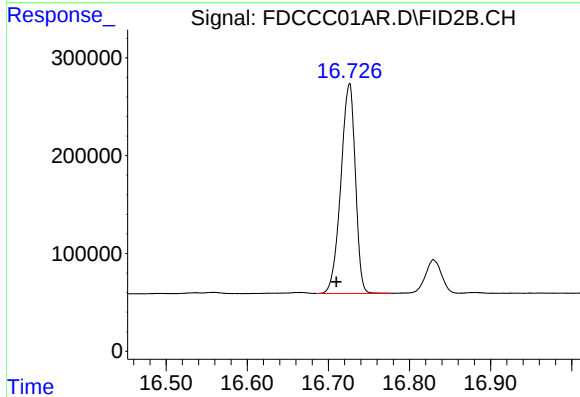
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.348 min
Delta R.T.: 0.016 min
Response: 2971469
Conc: 22.31 ug/ml



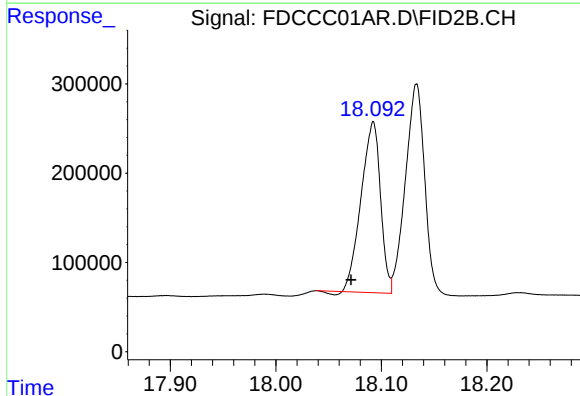
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: -0.015 min
Response: 2971469
Conc: 23.99 ug/ml



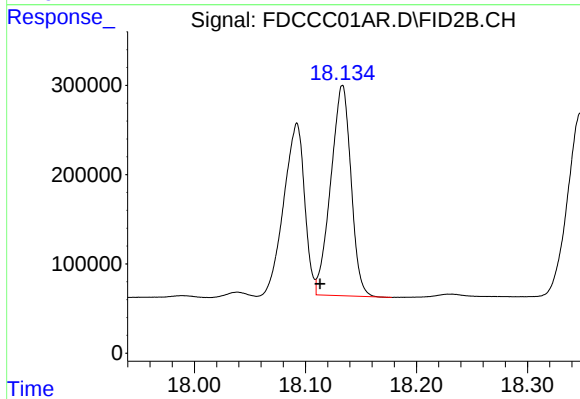
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.726 min
Delta R.T.: 0.016 min
Response: 2668815
Conc: 21.56 ug/ml



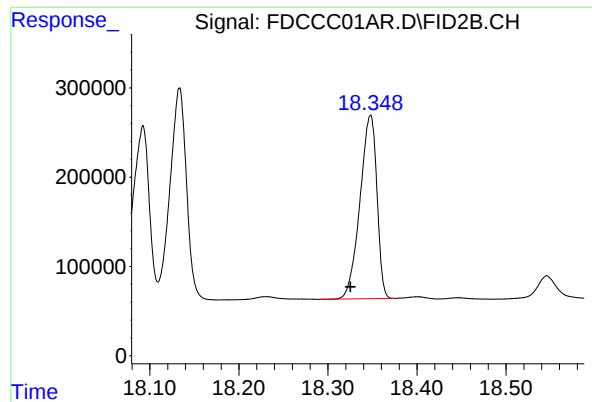
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.092 min
Delta R.T.: 0.020 min
Response: 2431585
Conc: 21.82 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.020 min
Response: 2982416
Conc: 26.81 ug/ml



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

R.T.: 18.347 min
Delta R.T.: 0.022 min
Response: 2711817
Conc: 22.82 ug/ml