

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122221AR\
 Data File : FD040118.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 3:30
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 03:55:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:19:03 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...	6.839	3053298	21.075 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
6) S 2-Fluorobiphenyl (SURR)	7.691	2074779	21.122 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.24%
11) S ortho-Terphenyl (SURR)	10.729	3241547	20.995 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.686	3342938	21.016 ug/ml
2) T Naphthalene (C11.7)	5.187	3517260	21.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.229	3509487	21.062 ug/ml
5) T Acenaphthylene (C15.06)	7.496	3359333	21.231 ug/ml
7) T Acenaphthene (C15.5)	7.790	3596813	21.176 ug/ml
8) T Fluorene (C16.55)	8.567	3247165	21.210 ug/ml
9) T Phenanthrene (C19.36)	9.955	3153122	21.124 ug/ml
10) T Anthracene (C19.43)	10.029	3126532	21.031 ug/ml
12) T Fluoranthene (C21.85)	11.759	3010941	21.025 ug/ml
13) T Pyrene (C20.8)	12.054	3106215	21.050 ug/ml
14) T Benzo[a]anthracene (C...	13.920	2715226	20.838 ug/mlm
15) T Chrysene (C27.41)	13.964	2792543	20.625 ug/ml
16) T benzo[b]fluoranthene ...	15.467	2611502	20.623 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.500	2623346	20.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.843	2500007	20.753 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.202	2427838	20.688 ug/mlm
20) T Dibenz[a,h]anthracene...	17.247	2500959	21.198 ug/ml
21) T Benzo[g,h,i]perylene ...	17.457	2381561	20.731 ug/ml

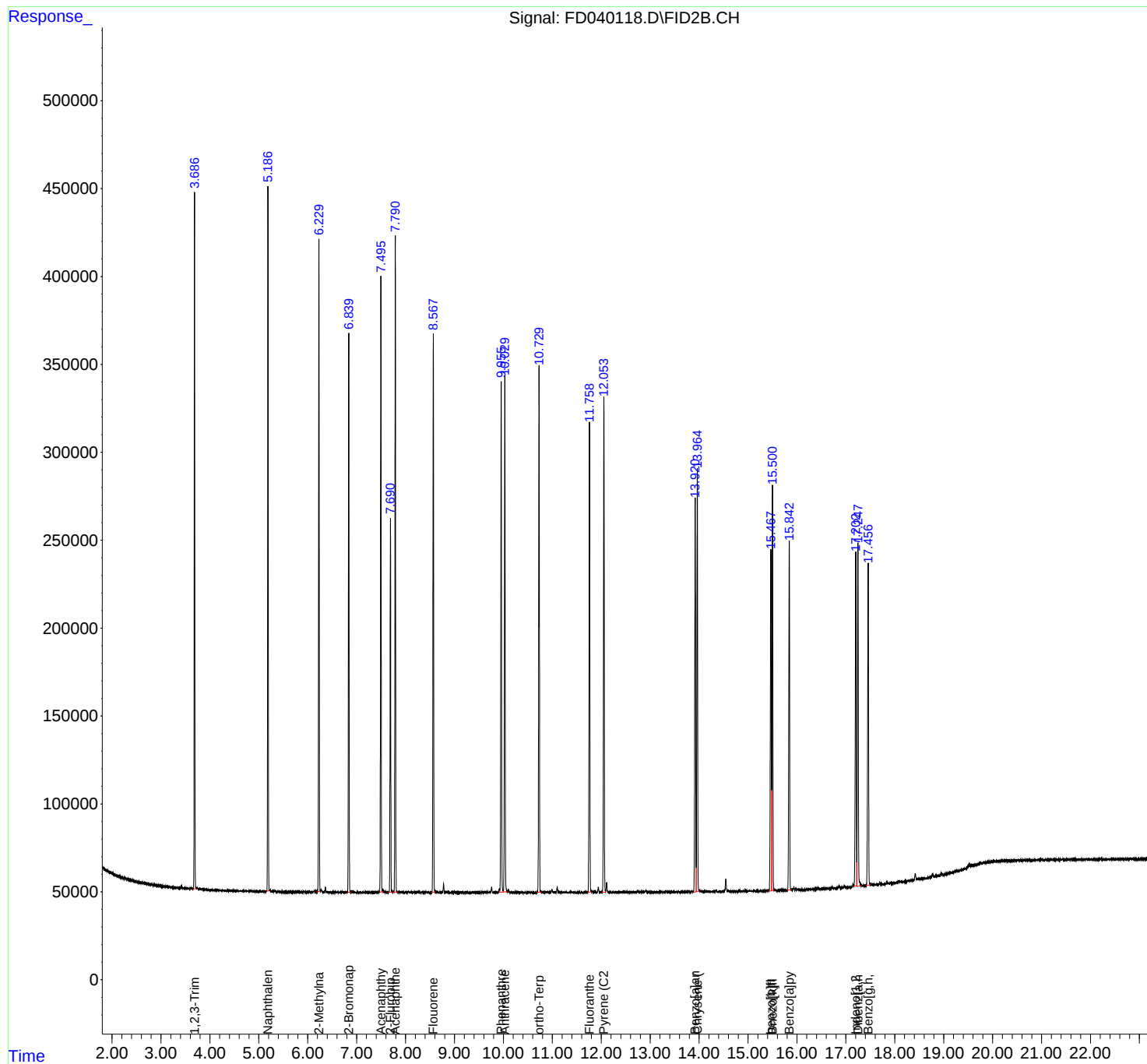
(f)=RT Delta > 1/2 Window

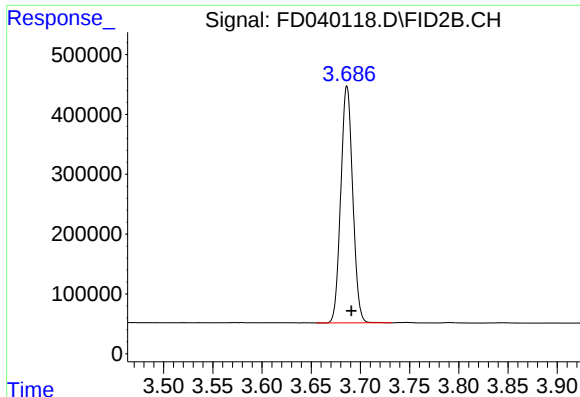
(m)=manual int.

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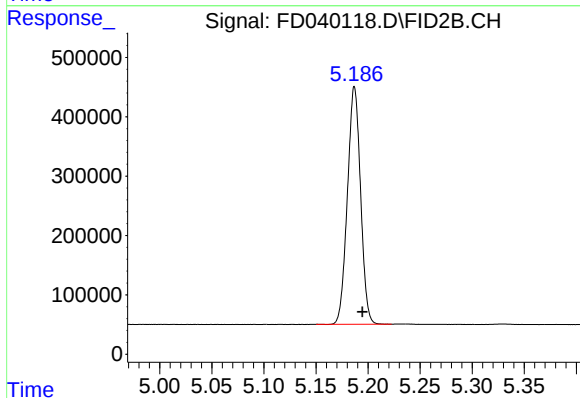
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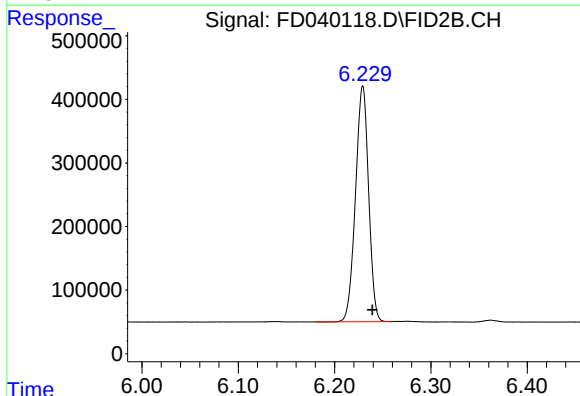
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.686 min
Delta R.T.: -0.005 min
Response: 3342938
Conc: 21.02 ug/ml



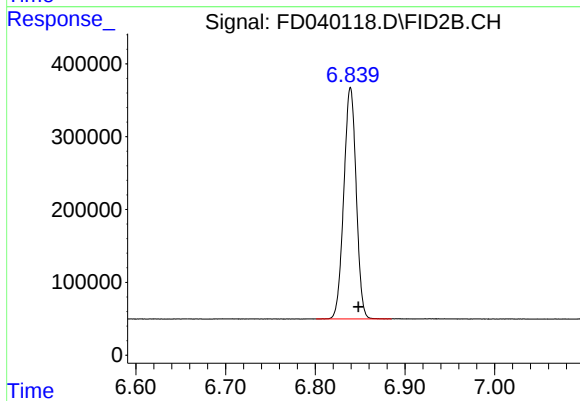
#2 Naphthalene (C11.7)

R.T.: 5.187 min
Delta R.T.: -0.008 min
Response: 3517260
Conc: 21.03 ug/ml



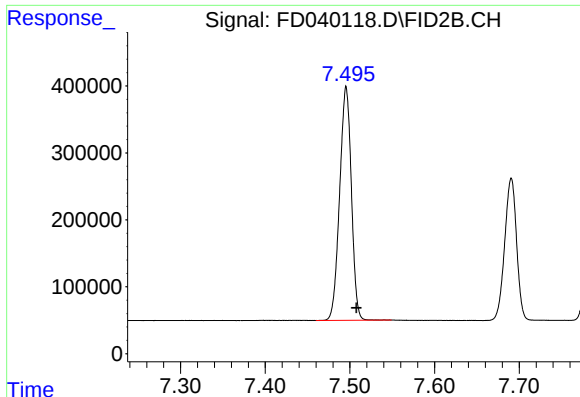
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.229 min
Delta R.T.: -0.010 min
Response: 3509487
Conc: 21.06 ug/ml



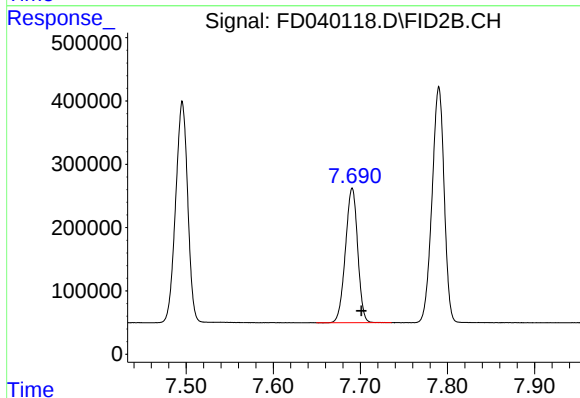
#4 2-Bromonaphthalene (SURR)

R.T.: 6.839 min
Delta R.T.: -0.009 min
Response: 3053298
Conc: 21.07 ug/ml



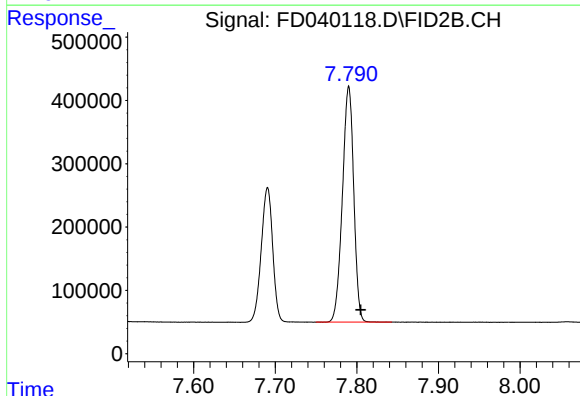
#5 Acenaphthylene (C15.06)

R.T.: 7.496 min
Delta R.T.: -0.012 min
Response: 3359333
Conc: 21.23 ug/ml



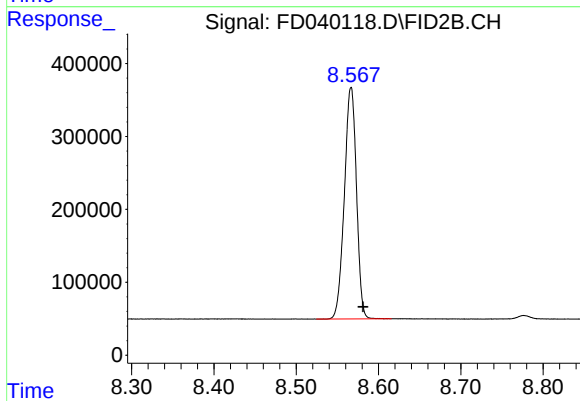
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.691 min
Delta R.T.: -0.011 min
Response: 2074779
Conc: 21.12 ug/ml



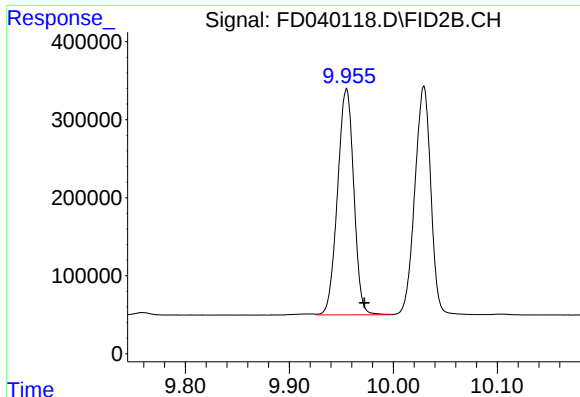
#7 Acenaphthene (C15.5)

R.T.: 7.790 min
Delta R.T.: -0.015 min
Response: 3596813
Conc: 21.18 ug/ml



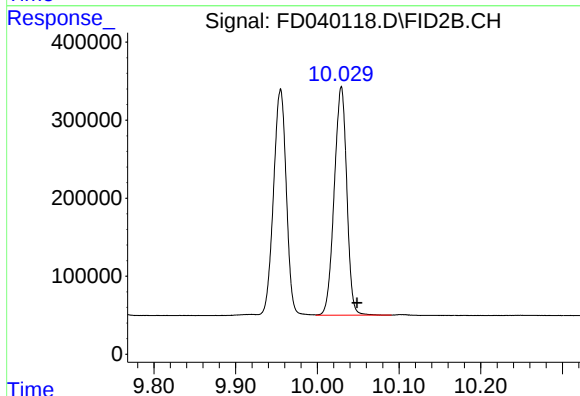
#8 Fluorene (C16.55)

R.T.: 8.567 min
Delta R.T.: -0.014 min
Response: 3247165
Conc: 21.21 ug/ml



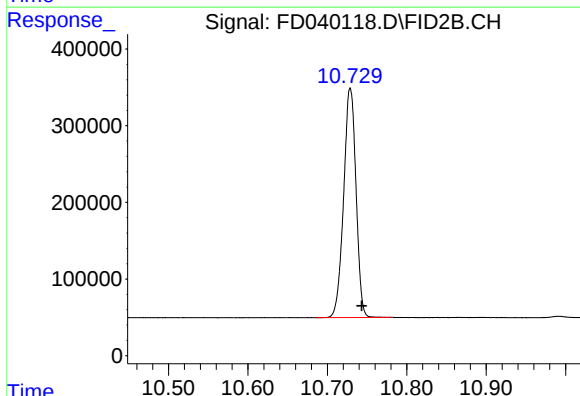
#9 Phenanthrene (C19.36)

R.T.: 9.955 min
Delta R.T.: -0.017 min
Response: 3153122
Conc: 21.12 ug/ml



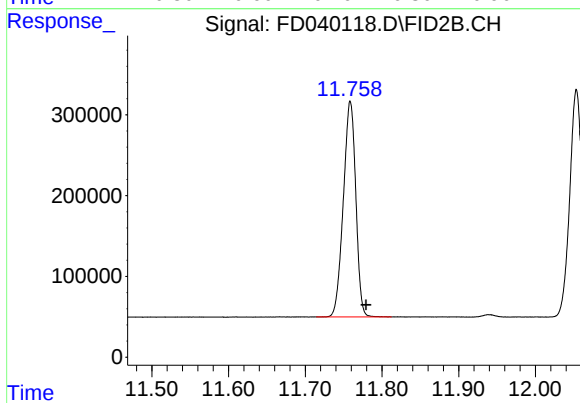
#10 Anthracene (C19.43)

R.T.: 10.029 min
Delta R.T.: -0.019 min
Response: 3126532
Conc: 21.03 ug/ml



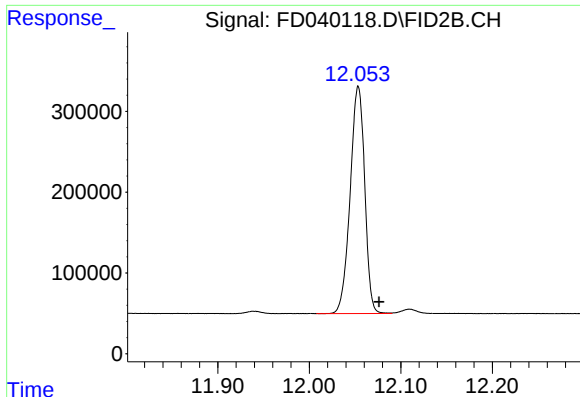
#11 ortho-Terphenyl (SURR)

R.T.: 10.729 min
Delta R.T.: -0.014 min
Response: 3241547
Conc: 20.99 ug/ml



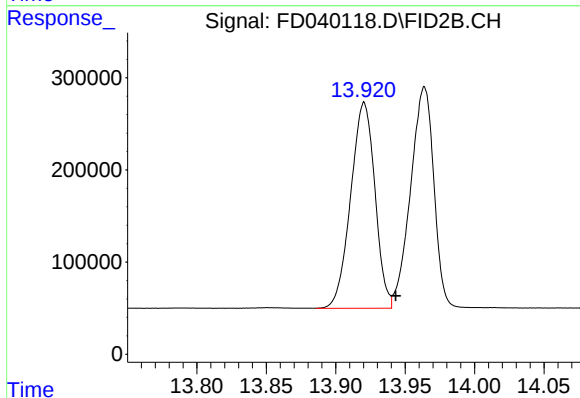
#12 Fluoranthene (C21.85)

R.T.: 11.759 min
Delta R.T.: -0.021 min
Response: 3010941
Conc: 21.03 ug/ml



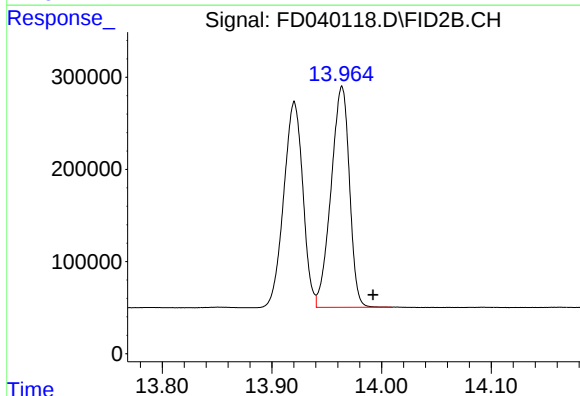
#13 Pyrene (C20.8)

R.T.: 12.054 min
Delta R.T.: -0.023 min
Response: 3106215
Conc: 21.05 ug/ml



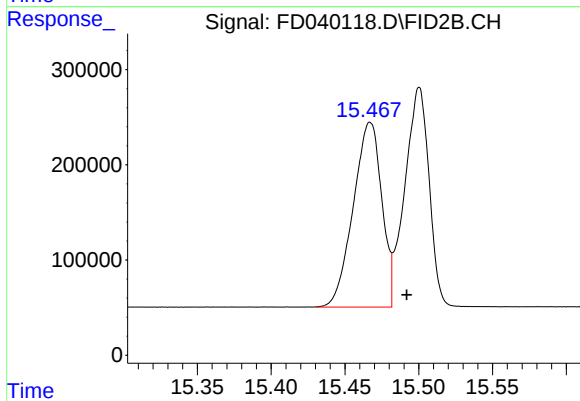
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.920 min
Delta R.T.: -0.023 min
Response: 2715226
Conc: 20.84 ug/ml m



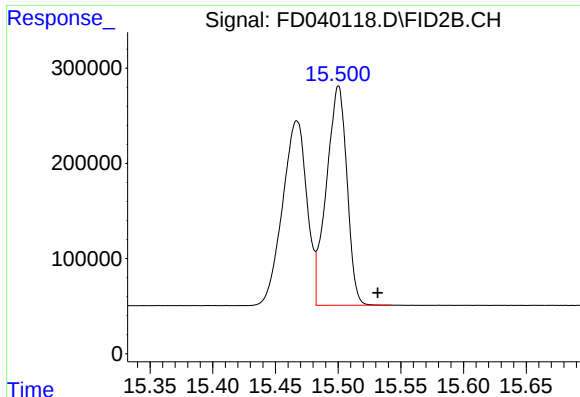
#15 Chrysene (C27.41)

R.T.: 13.964 min
Delta R.T.: -0.028 min
Response: 2792543
Conc: 20.62 ug/ml



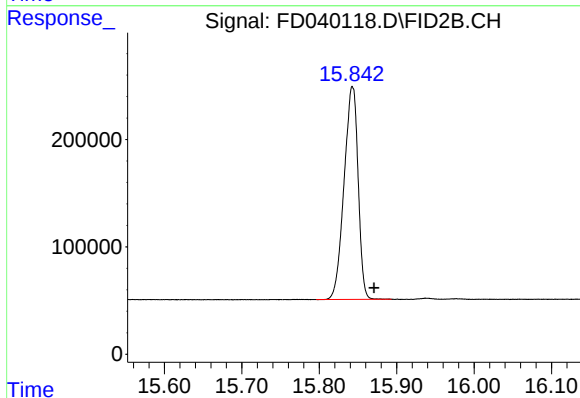
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.467 min
Delta R.T.: -0.025 min
Response: 2611502
Conc: 20.62 ug/ml m



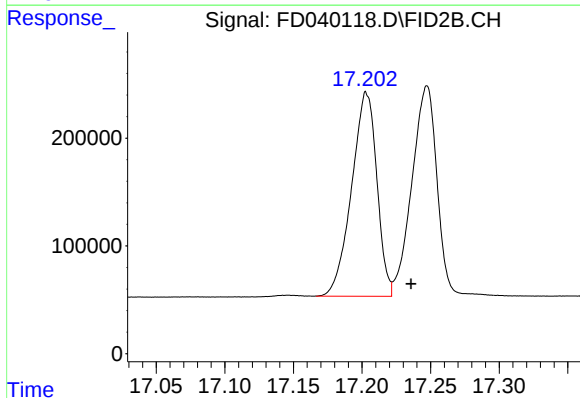
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.500 min
Delta R.T.: -0.031 min
Response: 2623346
Conc: 20.71 ug/ml



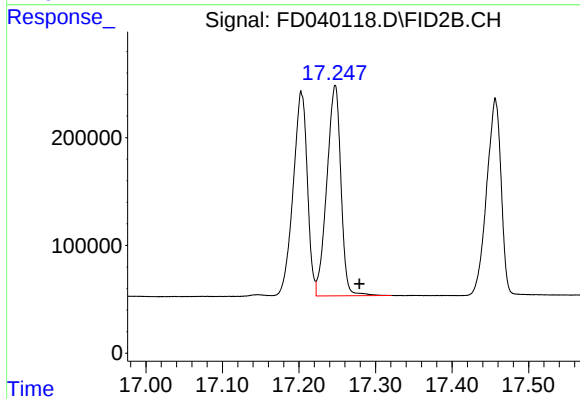
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.843 min
Delta R.T.: -0.028 min
Response: 2500007
Conc: 20.75 ug/ml



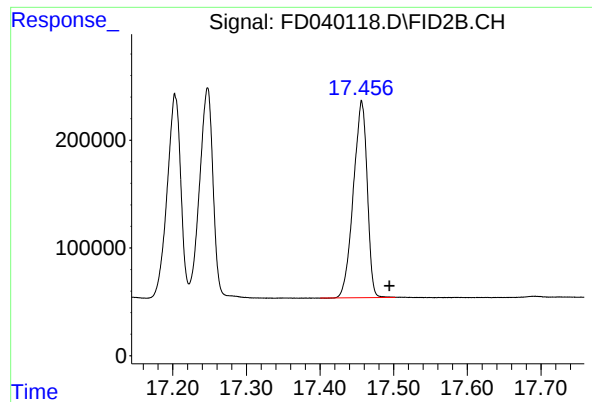
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.202 min
Delta R.T.: -0.033 min
Response: 2427838
Conc: 20.69 ug/ml m



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

R.T.: 17.247 min
Delta R.T.: -0.032 min
Response: 2500959
Conc: 21.20 ug/ml



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

R.T.: 17.457 min
Delta R.T.: -0.038 min
Response: 2381561
Conc: 20.73 ug/ml