

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AR\
 Data File : FD039118.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2021 13:22
 Operator : AJ\MA
 Sample : M4132-01MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:07:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.763	6144494	47.078 ug/ml
Spiked Amount 50.000		Recovery =	94.16%
6) S 2-Fluorobiphenyl (SURR)	8.632	4156243	46.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.39%
11) S ortho-Terphenyl (SURR)	11.675	4275075	31.113 ug/ml
Spiked Amount 50.000		Recovery =	62.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.550	3631416	25.947 ug/ml
2) T Naphthalene (C11.7)	6.097	4181237	28.337 ug/ml
3) T 2-Methylnaphthalene (...)	7.152	4303458	28.885 ug/ml
5) T Acenaphthylene (C15.06)	8.434	4642216	33.879 ug/ml
7) T Acenaphthene (C15.5)	8.730	4961788	34.387 ug/ml
8) T Fluorene (C16.55)	9.513	4834566	34.053 ug/ml
9) T Phenanthrene (C19.36)	10.917	6672333	48.104 ug/ml
10) T Anthracene (C19.43)	10.991	4758851	34.807 ug/ml
12) T Fluoranthene (C21.85)	12.738	9222346	67.081 ug/ml
13) T Pyrene (C20.8)	13.036	7743534	57.781 ug/ml
14) T Benzo[a]anthracene (C...	14.906	5831260	47.938 ug/ml
15) T Chrysene (C27.41)	14.952	6618377	52.085 ug/ml
16) T benzo[b]fluoranthene ...	16.464	6740226	56.950 ug/ml
17) T Bnezo[k]fluoranthene ...	16.495	4425097	37.622 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.843	5229730	45.693 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.209	4237944	38.956 ug/ml
20) T Dibenz[a,h]anthracene...	18.244	3412017	32.107 ug/ml
21) T Benzo[g,h,i]perylene ...	18.466	4195472	38.746 ug/mlm

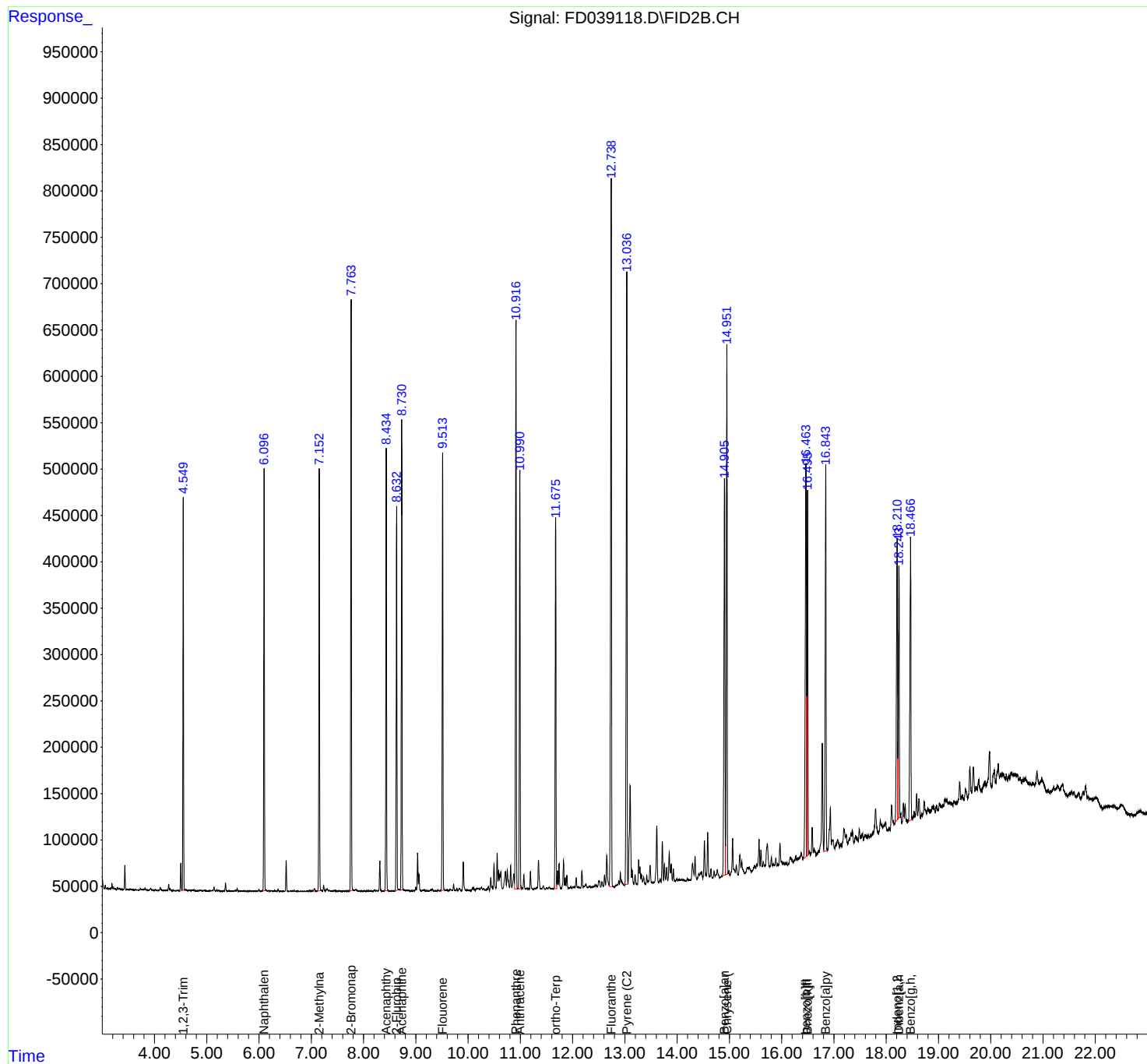
(f)=RT Delta > 1/2 Window

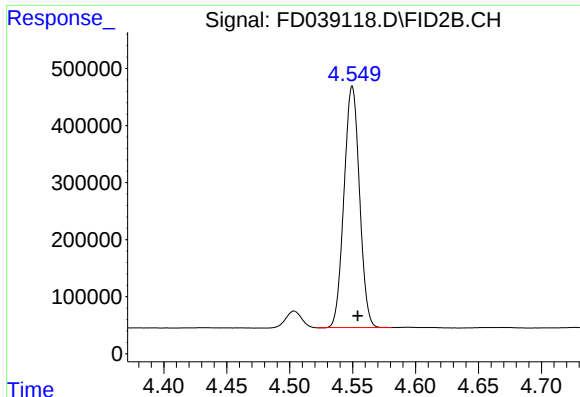
(m)=manual int.

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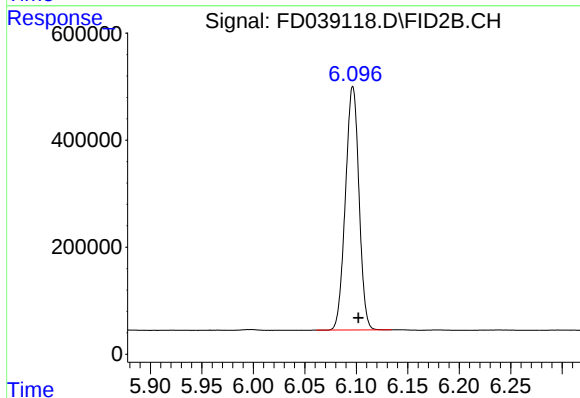
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Signal Info : 20M x 0.18mm x 0.18µm





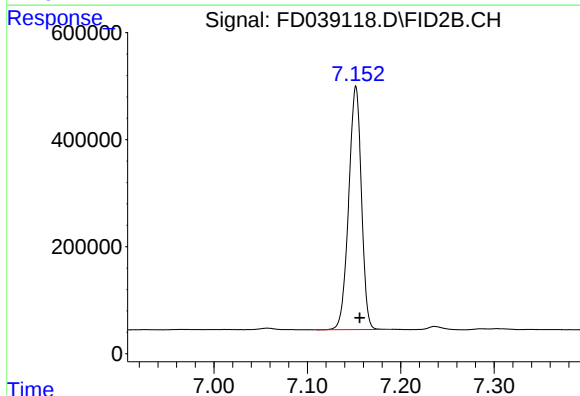
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 3631416
Conc: 25.95 ug/ml



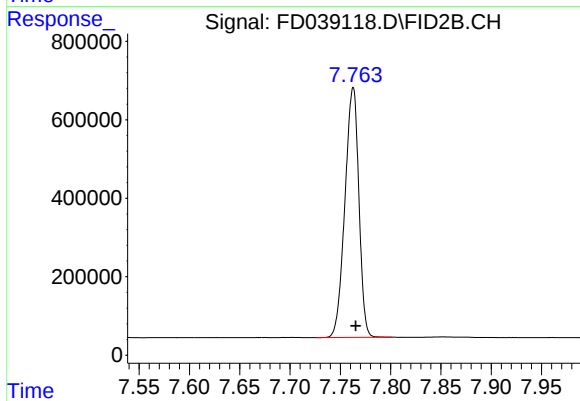
#2 Naphthalene (C11.7)

R.T.: 6.097 min
Delta R.T.: -0.005 min
Response: 4181237
Conc: 28.34 ug/ml



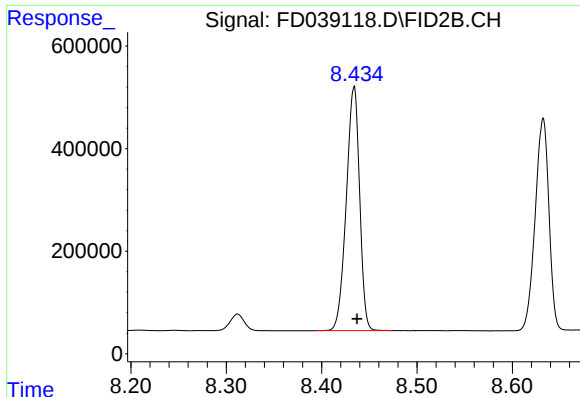
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.004 min
Response: 4303458
Conc: 28.89 ug/ml



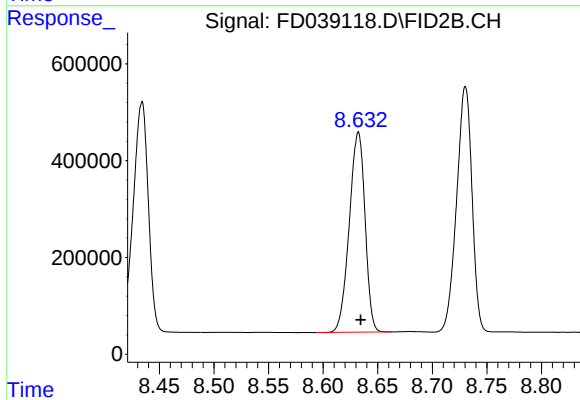
#4 2-Bromonaphthalene (SURR)

R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 6144494
Conc: 47.08 ug/ml



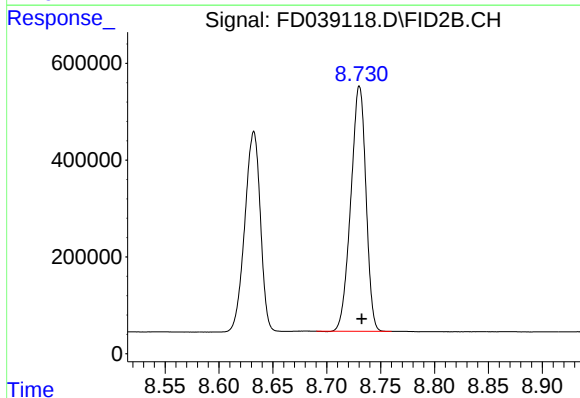
#5 Acenaphthylene (C15.06)

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 4642216
Conc: 33.88 ug/ml



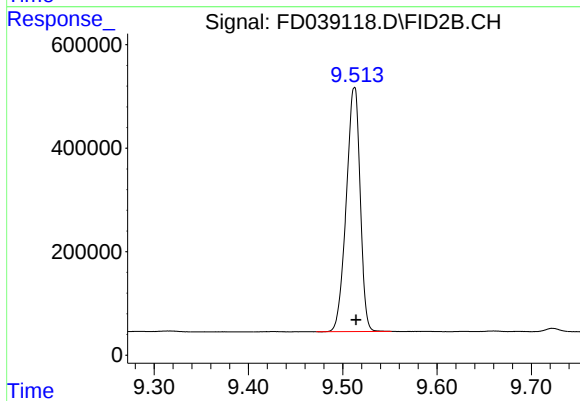
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.632 min
Delta R.T.: -0.002 min
Response: 4156243
Conc: 46.70 ug/ml



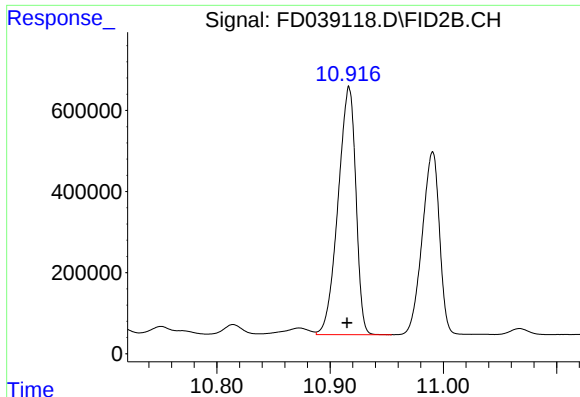
#7 Acenaphthene (C15.5)

R.T.: 8.730 min
Delta R.T.: -0.002 min
Response: 4961788
Conc: 34.39 ug/ml



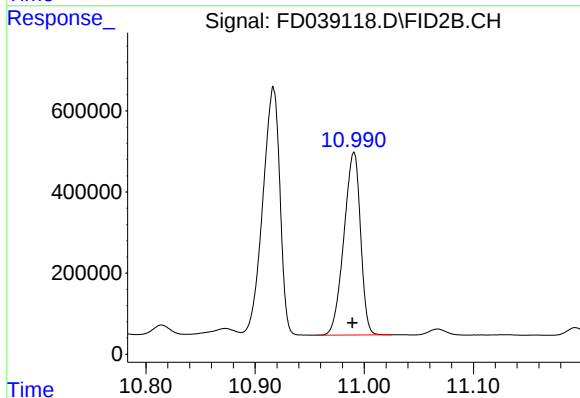
#8 Fluorene (C16.55)

R.T.: 9.513 min
Delta R.T.: -0.002 min
Response: 4834566
Conc: 34.05 ug/ml



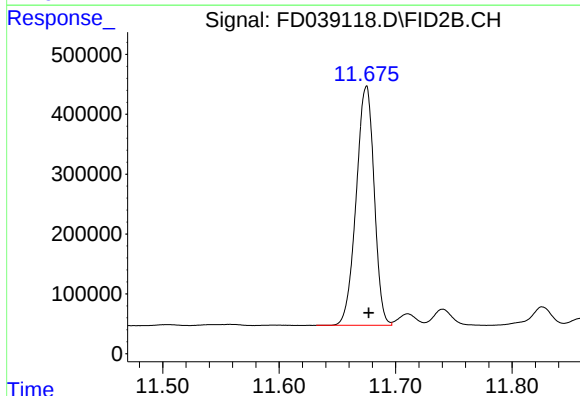
#9 Phenanthrene (C19.36)

R.T.: 10.917 min
Delta R.T.: 0.002 min
Response: 6672333
Conc: 48.10 ug/ml



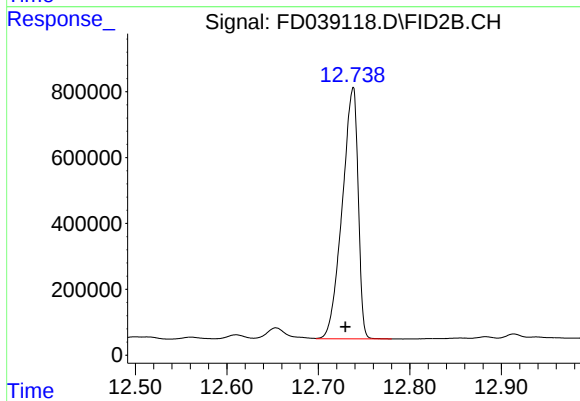
#10 Anthracene (C19.43)

R.T.: 10.991 min
Delta R.T.: 0.002 min
Response: 4758851
Conc: 34.81 ug/ml



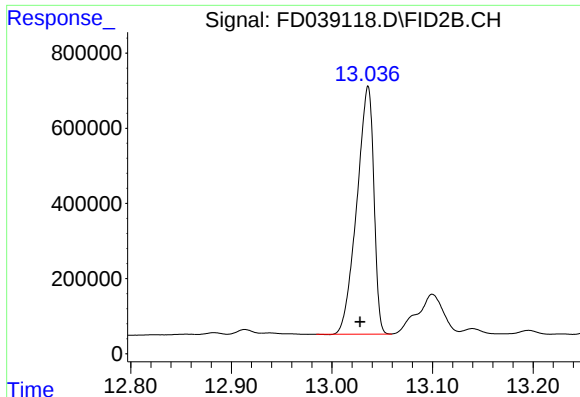
#11 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.002 min
Response: 4275075
Conc: 31.11 ug/ml



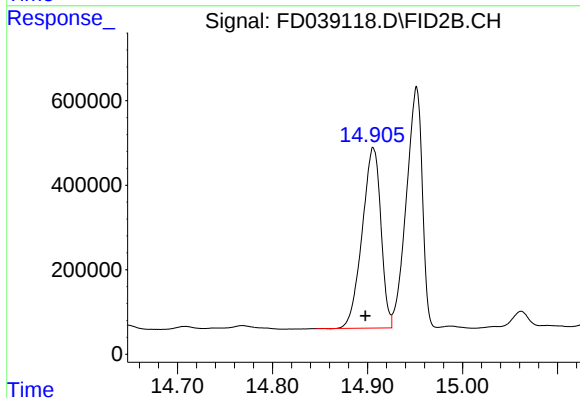
#12 Fluoranthene (C21.85)

R.T.: 12.738 min
Delta R.T.: 0.008 min
Response: 9222346
Conc: 67.08 ug/ml



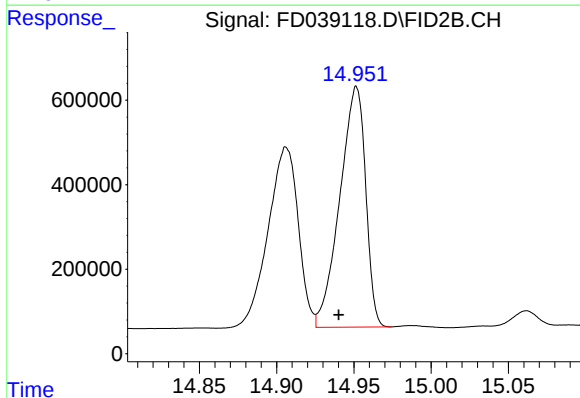
#13 Pyrene (C20.8)

R.T.: 13.036 min
Delta R.T.: 0.008 min
Response: 7743534
Conc: 57.78 ug/ml



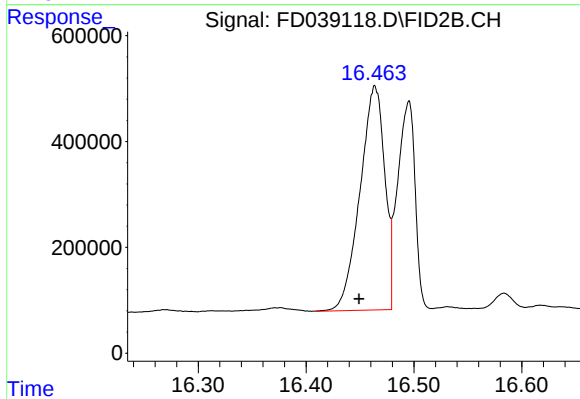
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.906 min
Delta R.T.: 0.008 min
Response: 5831260
Conc: 47.94 ug/ml



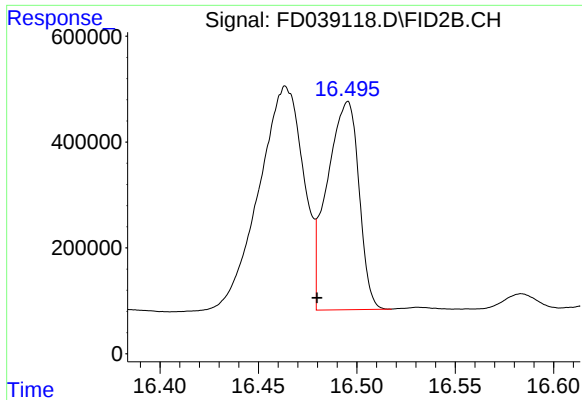
#15 Chrysene (C27.41)

R.T.: 14.952 min
Delta R.T.: 0.011 min
Response: 6618377
Conc: 52.09 ug/ml



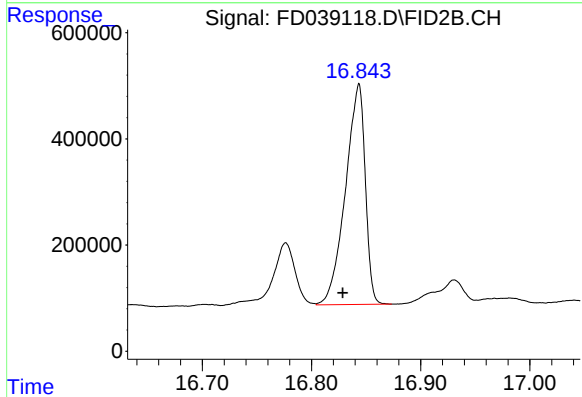
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.464 min
Delta R.T.: 0.015 min
Response: 6740226
Conc: 56.95 ug/ml



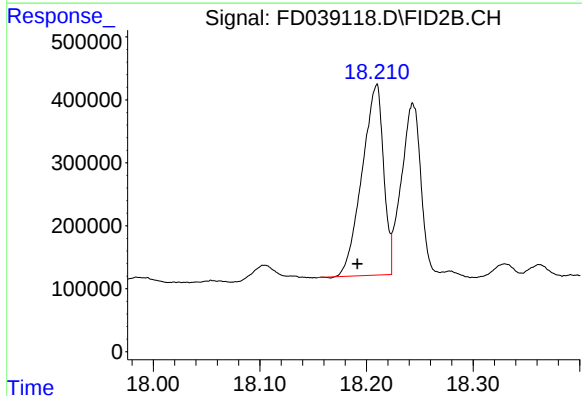
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.495 min
Delta R.T.: 0.016 min
Response: 4425097
Conc: 37.62 ug/ml



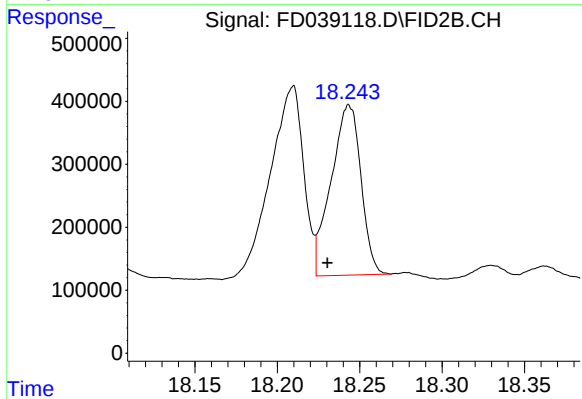
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.843 min
Delta R.T.: 0.015 min
Response: 5229730
Conc: 45.69 ug/ml



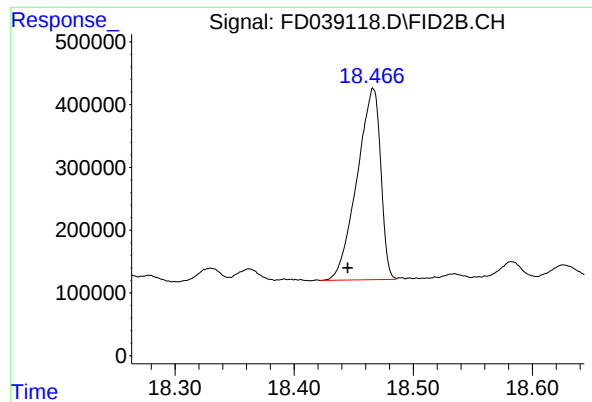
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.209 min
Delta R.T.: 0.018 min
Response: 4237944
Conc: 38.96 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.013 min
Response: 3412017
Conc: 32.11 ug/ml



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

R.T.: 18.466 min
Delta R.T.: 0.021 min
Response: 4195472
Conc: 38.75 ug/ml m