

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042556.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 18:01
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 02:31:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052022.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 15:47:07 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...	7.328	3111351	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
6) S 2-Fluorobiphenyl (SURR)	8.183	1499458	20.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.201	3404933	18.991 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3692836	19.465 ug/ml
2) T Naphthalene (C11.7)	5.673	3536069	19.471 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	3152573	19.358 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3380818	19.167 ug/ml
7) T Acenaphthene (C15.5)	8.270	3785836	18.904 ug/ml
8) T Flouorene (C16.55)	9.051	3166682	19.001 ug/ml
9) T Phenanthrene (C19.36)	10.438	2802193	19.383 ug/ml
10) T Anthracene (C19.43)	10.515	3009051	18.832 ug/ml
12) T Fluoranthene (C21.85)	12.239	2801074	18.976 ug/ml
13) T Pyrene (C20.8)	12.532	2874235	18.936 ug/ml
14) T Benzo[a]anthracene (C...	14.405	2205410	19.214 ug/ml
15) T Chrysene (C27.41)	14.445	3342168	18.546 ug/ml
16) T benzo[b]fluoranthene ...	15.952	2541278	18.962 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	3346890	18.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	2911727	21.047 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.703	1904961	18.114 ug/mlm
20) T Dibenz[a,h]anthracene...	17.739	3275994	19.063 ug/ml
21) T Benzo[g,h,i]perylene ...	17.952	2677573	18.978 ug/ml

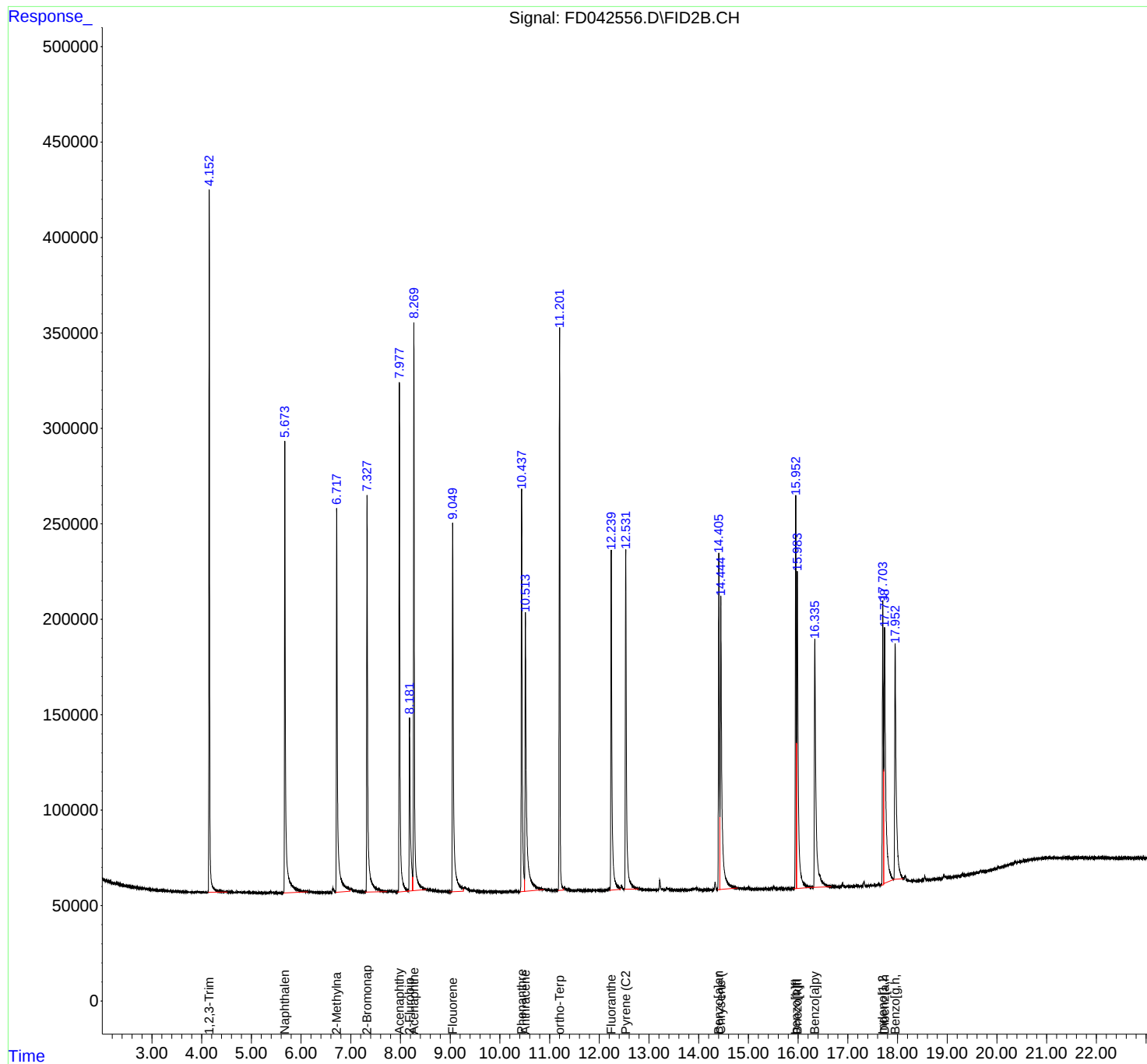
(f)=RT Delta > 1/2 Window

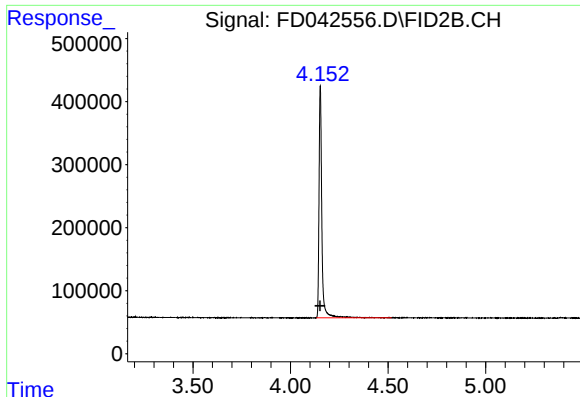
(m)=manual int.

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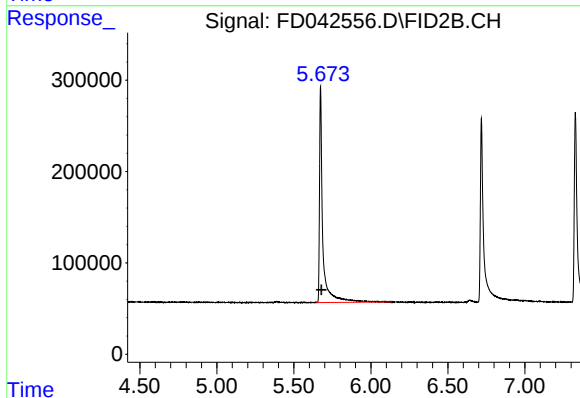
Volume Inj. : 1 µl
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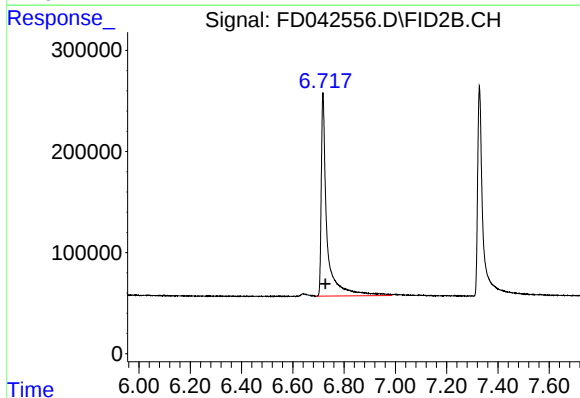
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: 0.002 min
Response: 3692836
Conc: 19.47 ug/ml



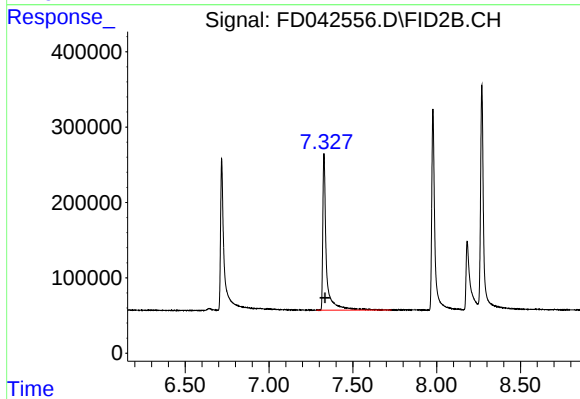
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.006 min
Response: 3536069
Conc: 19.47 ug/ml



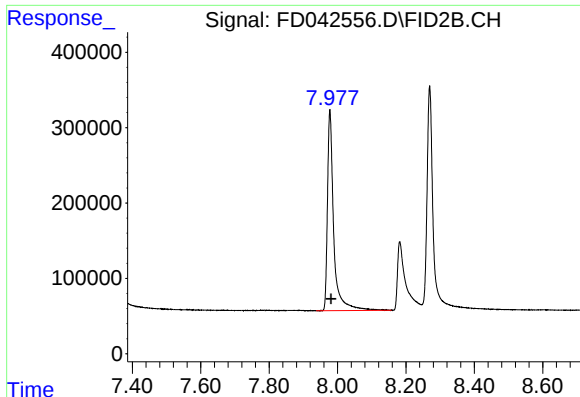
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.009 min
Response: 3152573
Conc: 19.36 ug/ml



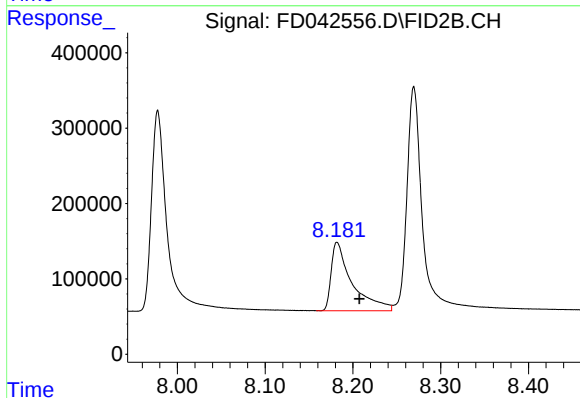
#4 2-Bromonaphthalene (SURR)

R.T.: 7.328 min
Delta R.T.: -0.007 min
Response: 3111351
Conc: 19.86 ug/ml



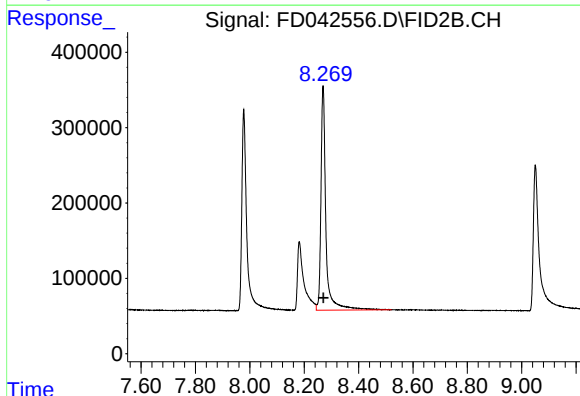
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 3380818
Conc: 19.17 ug/ml



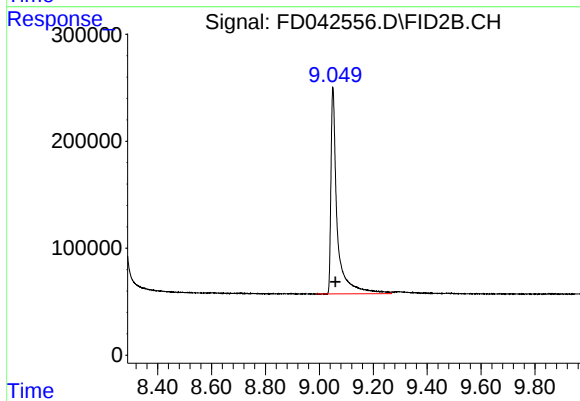
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.183 min
Delta R.T.: -0.025 min
Response: 1499458
Conc: 20.35 ug/ml



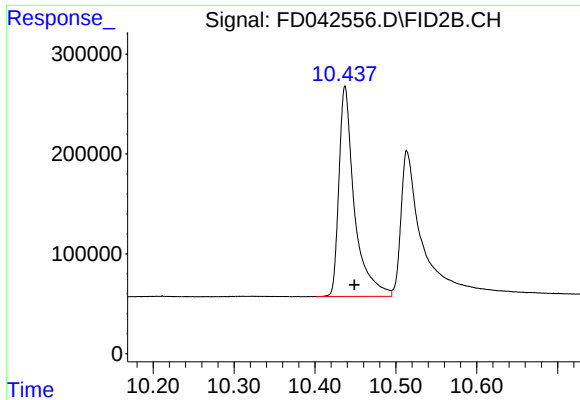
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 3785836
Conc: 18.90 ug/ml



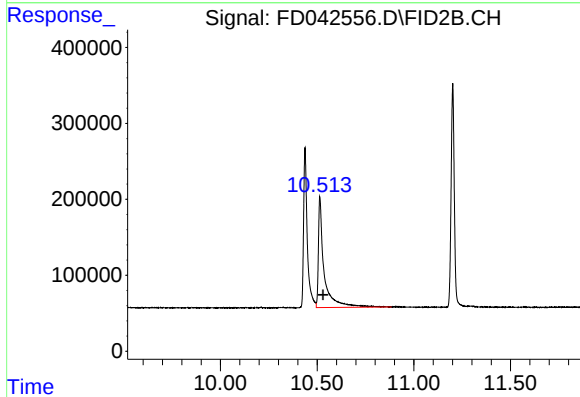
#8 Fluorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.009 min
Response: 3166682
Conc: 19.00 ug/ml



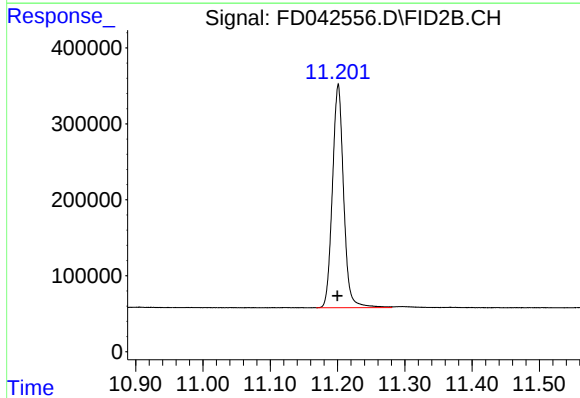
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.011 min
Response: 2802193
Conc: 19.38 ug/ml



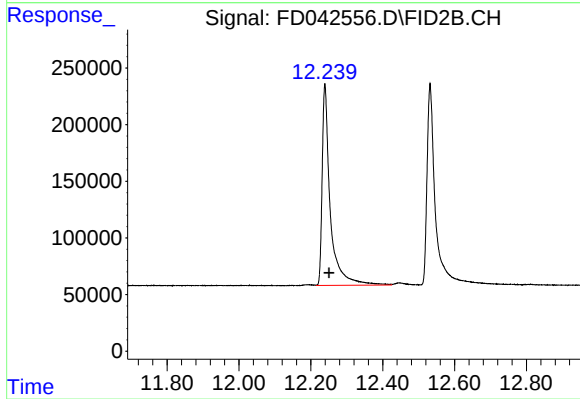
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.017 min
Response: 3009051
Conc: 18.83 ug/ml



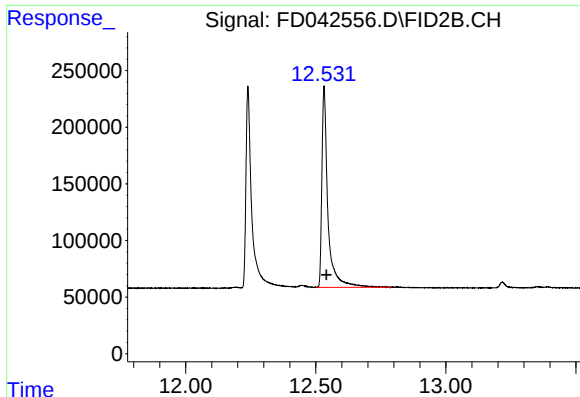
#11 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: 0.001 min
Response: 3404933
Conc: 18.99 ug/ml



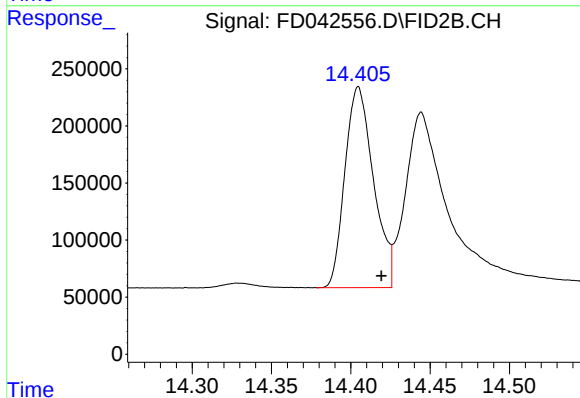
#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.012 min
Response: 2801074
Conc: 18.98 ug/ml



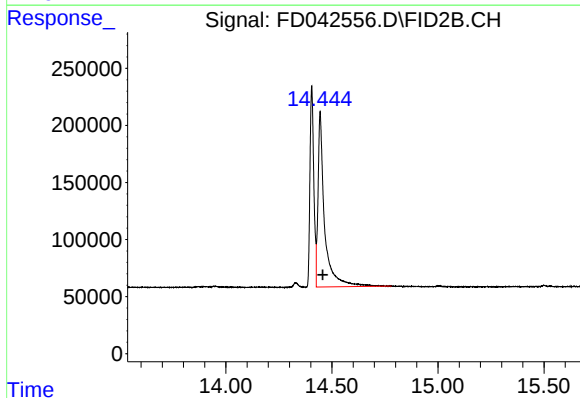
#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.009 min
Response: 2874235
Conc: 18.94 ug/ml



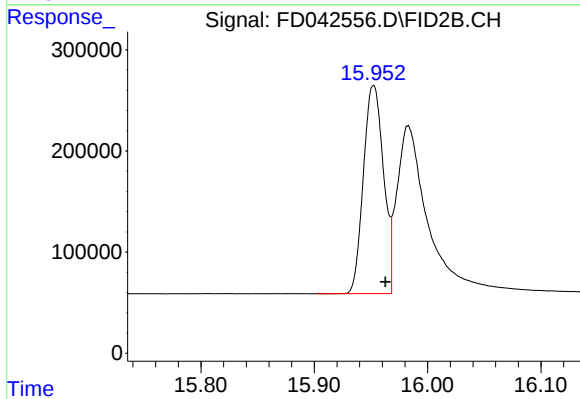
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.014 min
Response: 2205410
Conc: 19.21 ug/ml



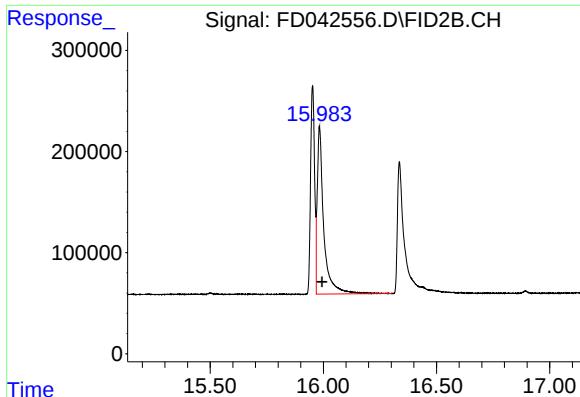
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.011 min
Response: 3342168
Conc: 18.55 ug/ml



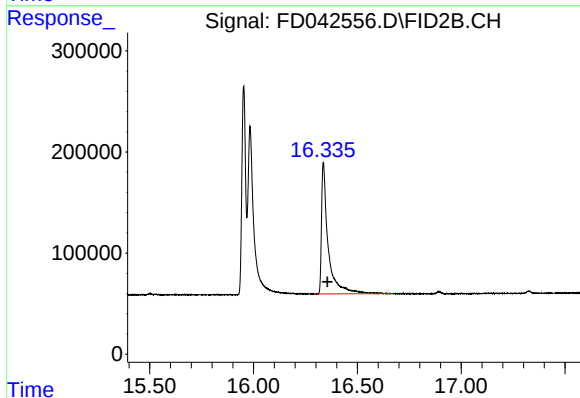
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.952 min
Delta R.T.: -0.010 min
Response: 2541278
Conc: 18.96 ug/ml



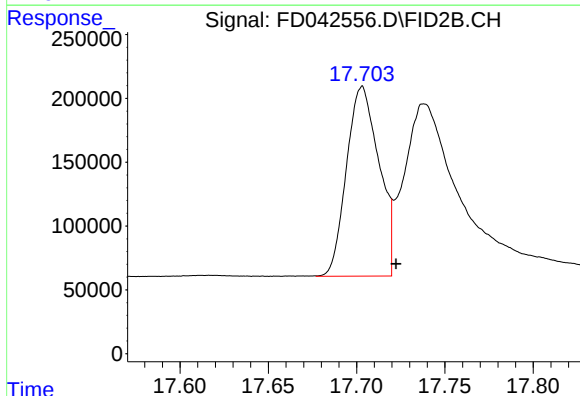
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.983 min
Delta R.T.: -0.011 min
Response: 3346890
Conc: 18.85 ug/ml



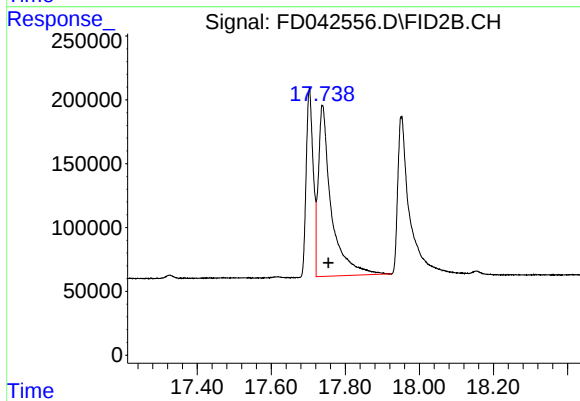
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.019 min
Response: 2911727
Conc: 21.05 ug/ml



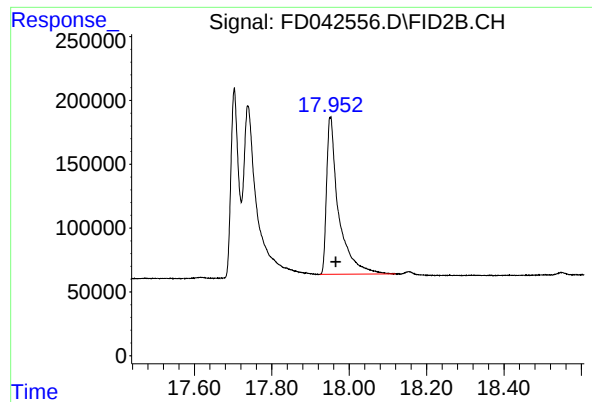
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.703 min
Delta R.T.: -0.019 min
Response: 1904961
Conc: 18.11 ug/ml m



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

R.T.: 17.739 min
Delta R.T.: -0.015 min
Response: 3275994
Conc: 19.06 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.014 min
Response: 2677573
Conc: 18.98 ug/ml