

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AR\
 Data File : FD041654.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2022 14:53
 Operator : UA/NP
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 16:47:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 16:42:32 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...	7.356	7717019	50.583 ug/ml
Spiked Amount 50.000		Recovery =	101.17%
6) S 2-Fluorobiphenyl (SURR)	8.205	5113380	51.320 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.64%
11) S ortho-Terphenyl (SURR)	11.237	9047017	50.355 ug/ml
Spiked Amount 50.000		Recovery =	100.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	8239893	50.059 ug/ml
2) T Naphthalene (C11.7)	5.698	8651958	50.715 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	7849808	50.803 ug/ml
5) T Acenaphthylene (C15.06)	8.008	8763907	50.450 ug/ml
7) T Acenaphthene (C15.5)	8.303	8863237	50.174 ug/ml
8) T Fluorene (C16.55)	9.081	8605031	51.224 ug/ml
9) T Phenanthrene (C19.36)	10.468	8512432	50.878 ug/ml
10) T Anthracene (C19.43)	10.543	8583487	50.573 ug/ml
12) T Fluoranthene (C21.85)	12.271	8390564	50.662 ug/ml
13) T Pyrene (C20.8)	12.564	8181686	50.736 ug/ml
14) T Benzo[a]anthracene (C...	14.434	7674099	51.545 ug/ml
15) T Chrysene (C27.41)	14.477	7938319	49.644 ug/ml
16) T benzo[b]fluoranthene ...	15.982	7433495	51.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	7237353	49.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.358	6917688	51.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	5926224	52.814 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	6579469	49.468 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	6290668	49.702 ug/ml

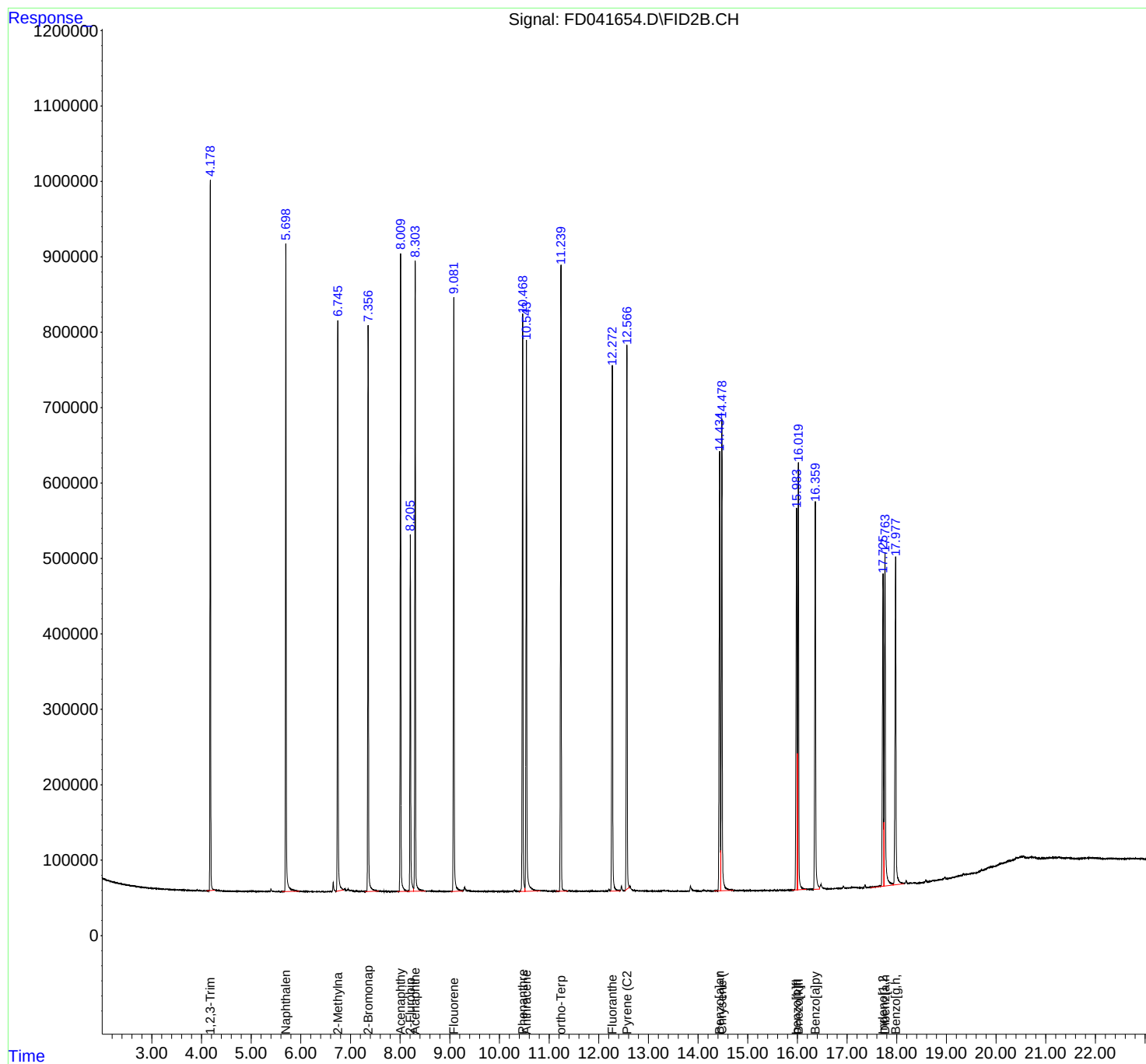
(f)=RT Delta > 1/2 Window

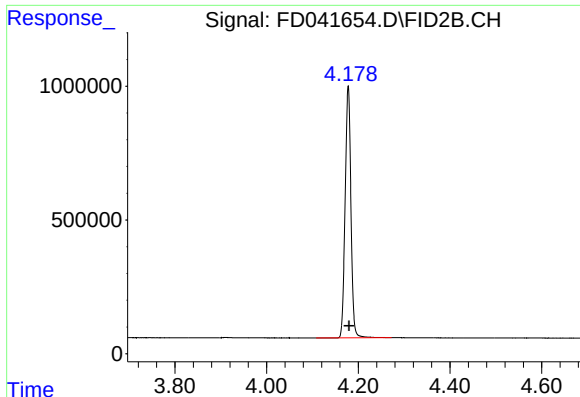
(m)=manual int.

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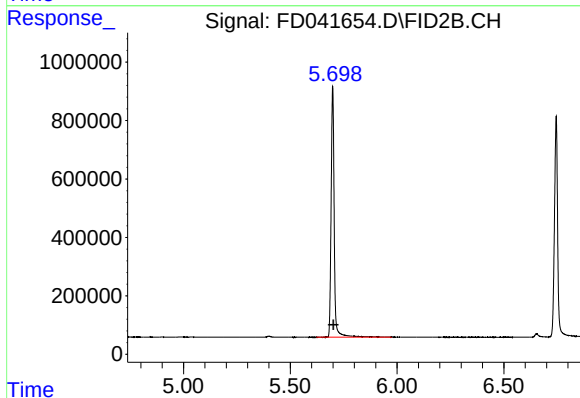
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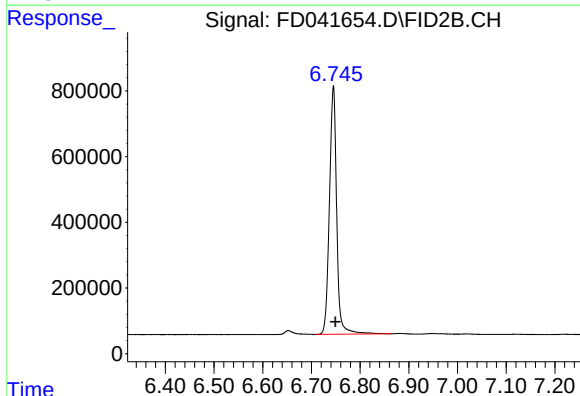
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 8239893
Conc: 50.06 ug/ml



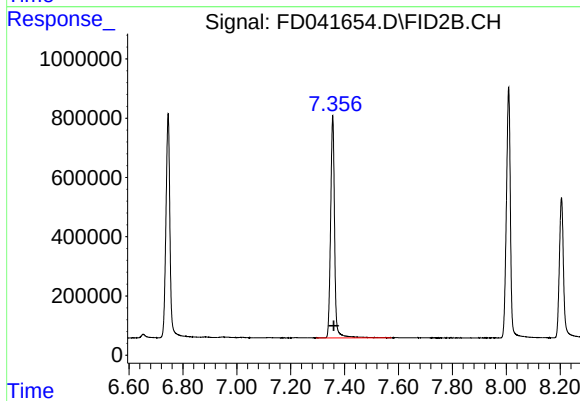
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 8651958
Conc: 50.71 ug/ml



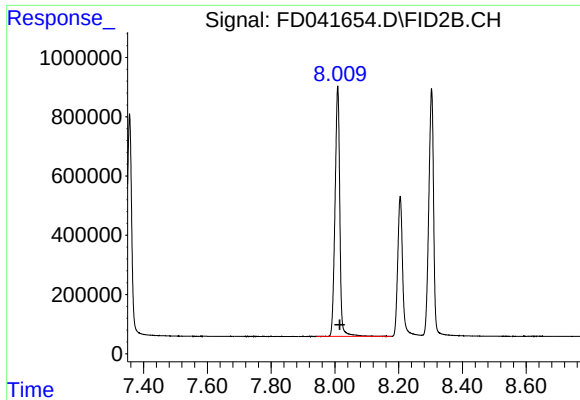
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 7849808
Conc: 50.80 ug/ml



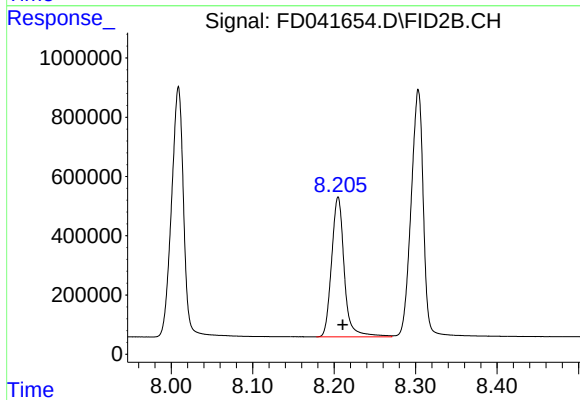
#4 2-Bromonaphthalene (SURR)

R.T.: 7.356 min
Delta R.T.: -0.004 min
Response: 7717019
Conc: 50.58 ug/ml



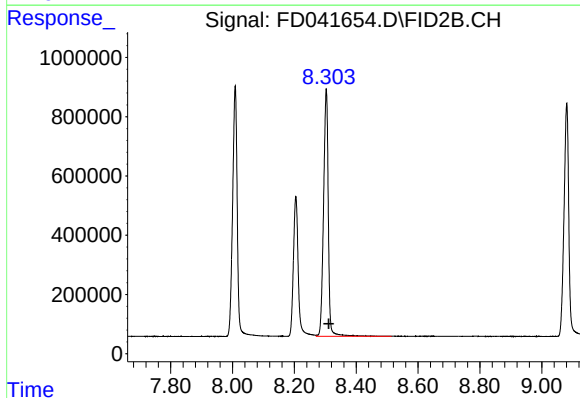
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.006 min
Response: 8763907
Conc: 50.45 ug/ml



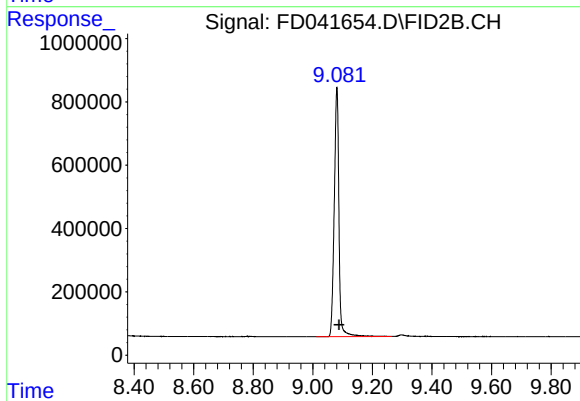
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 5113380
Conc: 51.32 ug/ml



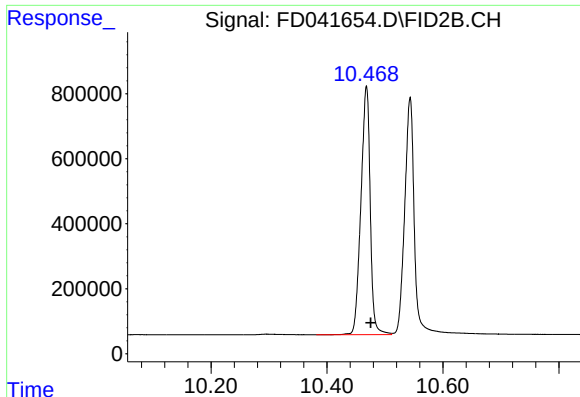
#7 Acenaphthene (C15.5)

R.T.: 8.303 min
Delta R.T.: -0.008 min
Response: 8863237
Conc: 50.17 ug/ml



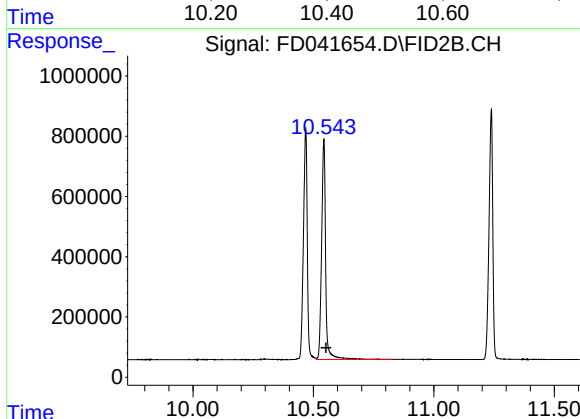
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: -0.007 min
Response: 8605031
Conc: 51.22 ug/ml



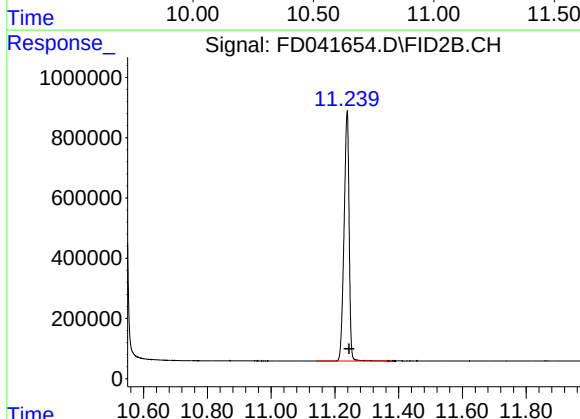
#9 Phenanthrene (C19.36)

R.T.: 10.468 min
Delta R.T.: -0.008 min
Response: 8512432
Conc: 50.88 ug/ml



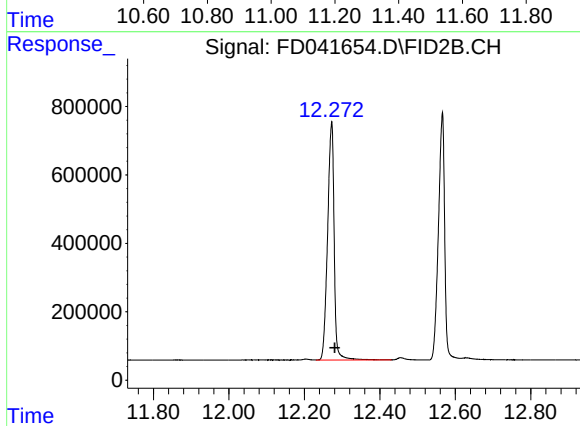
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.010 min
Response: 8583487
Conc: 50.57 ug/ml



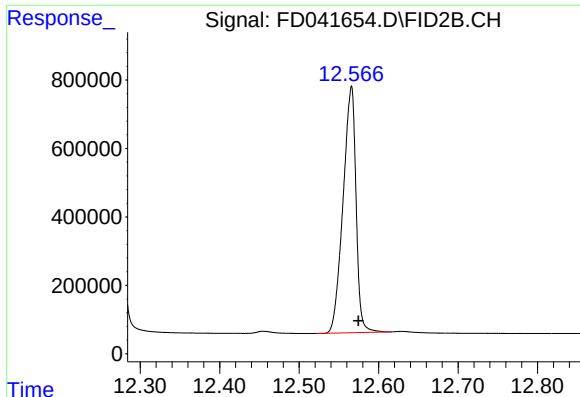
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.007 min
Response: 9047017
Conc: 50.35 ug/ml



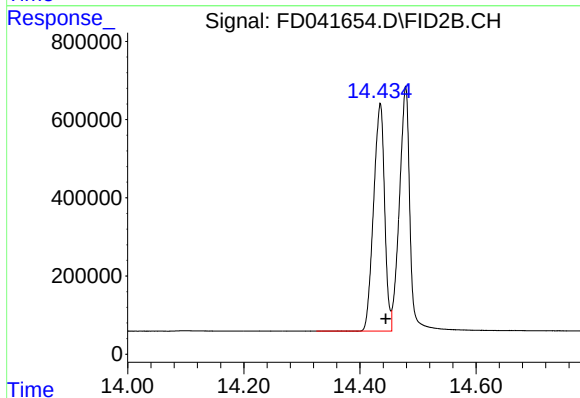
#12 Fluoranthene (C21.85)

R.T.: 12.271 min
Delta R.T.: -0.010 min
Response: 8390564
Conc: 50.66 ug/ml



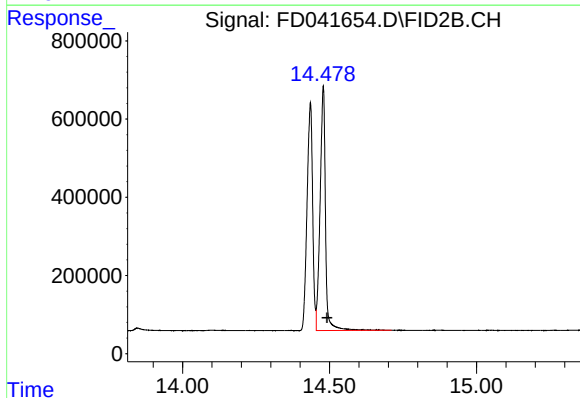
#13 Pyrene (C20.8)

R.T.: 12.564 min
Delta R.T.: -0.011 min
Response: 8181686
Conc: 50.74 ug/ml



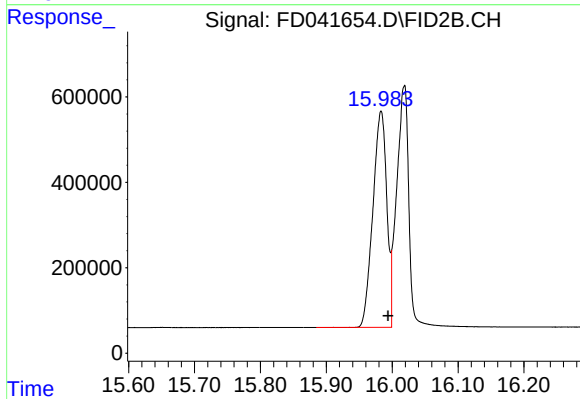
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: -0.011 min
Response: 7674099
Conc: 51.55 ug/ml



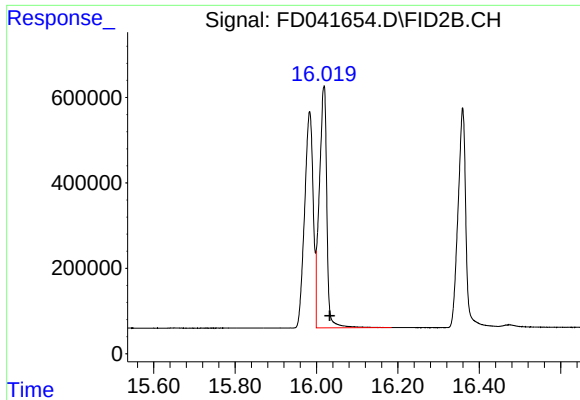
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.014 min
Response: 7938319
Conc: 49.64 ug/ml



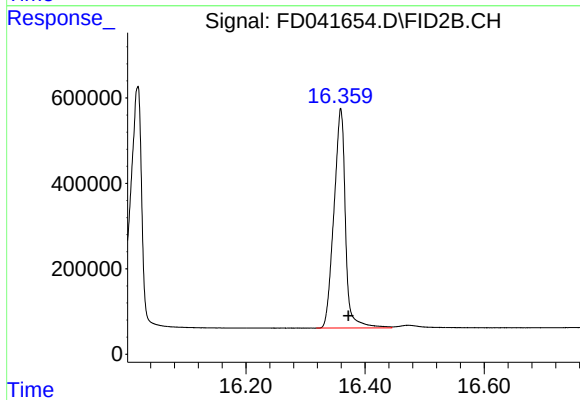
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.982 min
Delta R.T.: -0.011 min
Response: 7433495
Conc: 51.29 ug/ml



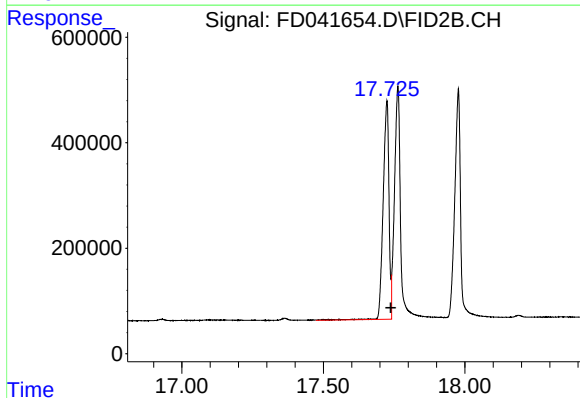
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.017 min
Delta R.T.: -0.016 min
Response: 7237353
Conc: 49.54 ug/ml



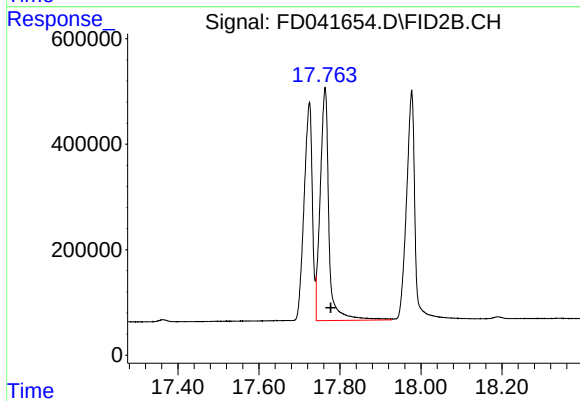
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.358 min
Delta R.T.: -0.014 min
Response: 6917688
Conc: 51.32 ug/ml



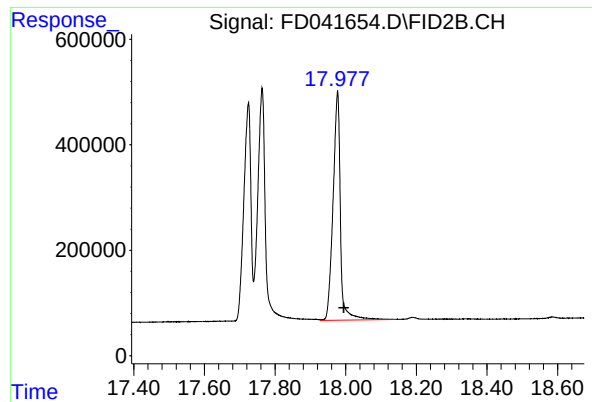
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: -0.015 min
Response: 5926224
Conc: 52.81 ug/ml



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

R.T.: 17.762 min
Delta R.T.: -0.016 min
Response: 6579469
Conc: 49.47 ug/ml



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

R.T.: 17.975 min
Delta R.T.: -0.019 min
Response: 6290668
Conc: 49.70 ug/ml