

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032622AR\
 Data File : FD041759.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2022 17:56
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 00:08:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 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...	7.351	2892576	18.035 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
6) S 2-Fluorobiphenyl (SURR)	8.202	1767777	17.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.78%
11) S ortho-Terphenyl (SURR)	11.232	3547088	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	3192426	18.226 ug/ml
2) T Naphthalene (C11.7)	5.693	3204833	18.164 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	2831916	17.700 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3328260	17.985 ug/ml
7) T Acenaphthene (C15.5)	8.295	3517160	18.321 ug/ml
8) T Flouorene (C16.55)	9.074	3197247	18.123 ug/ml
9) T Phenanthrene (C19.36)	10.462	3166005	18.151 ug/ml
10) T Anthracene (C19.43)	10.536	3166368	17.396 ug/ml
12) T Fluoranthene (C21.85)	12.264	3179076	18.008 ug/ml
13) T Pyrene (C20.8)	12.557	3059370	18.096 ug/ml
14) T Benzo[a]anthracene (C...	14.429	2660728	17.794 ug/ml
15) T Chrysene (C27.41)	14.469	3201364	17.786 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2850974	19.226 ug/ml
17) T Bnezo[k]fluoranthene ...	16.007	3102051	18.773 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	2843225	20.214 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.719	2386219	21.665 ug/mlm
20) T Dibenz[a,h]anthracene...	17.757	3176865	21.944 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	2969272	22.373 ug/ml

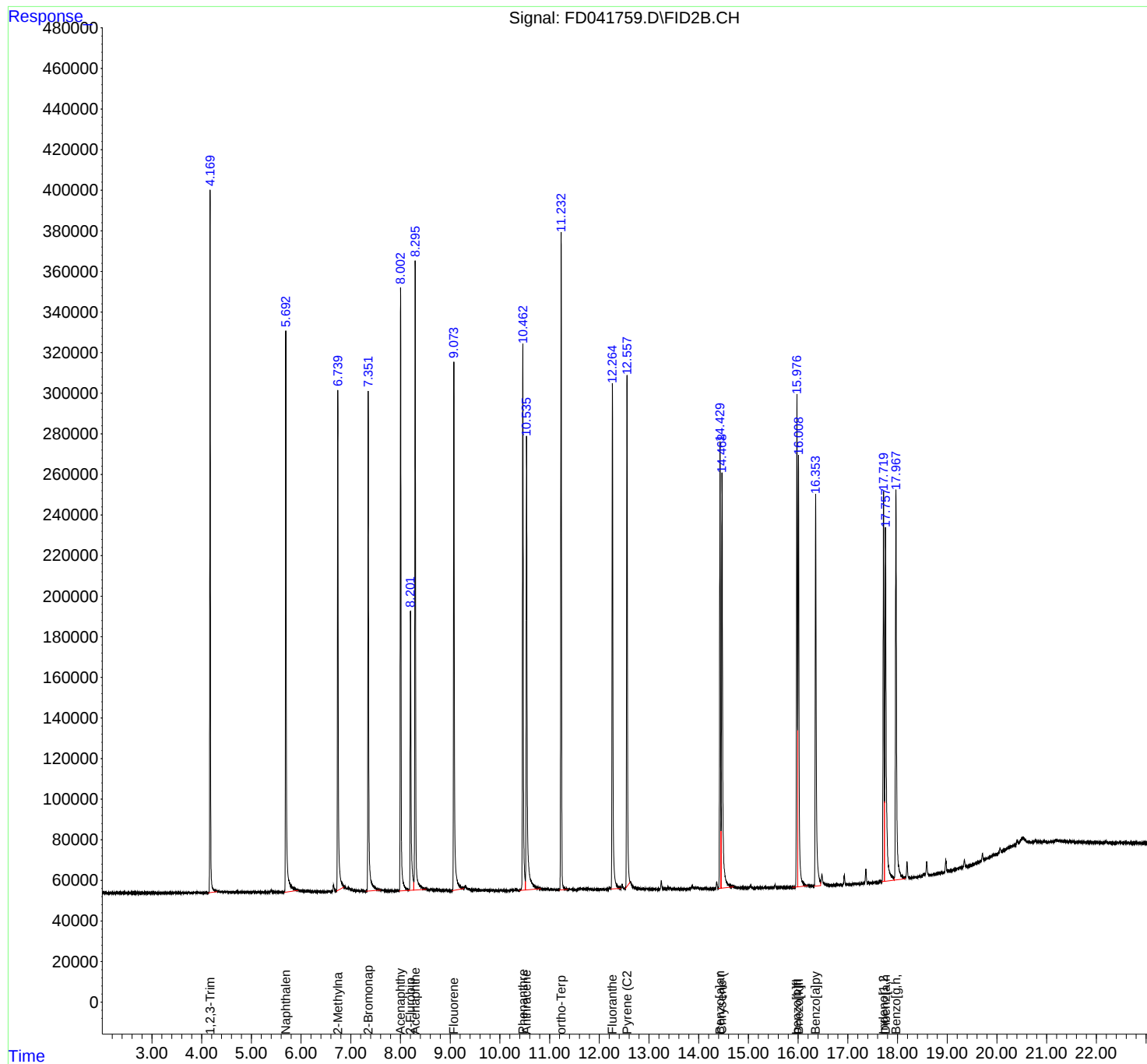
(f)=RT Delta > 1/2 Window

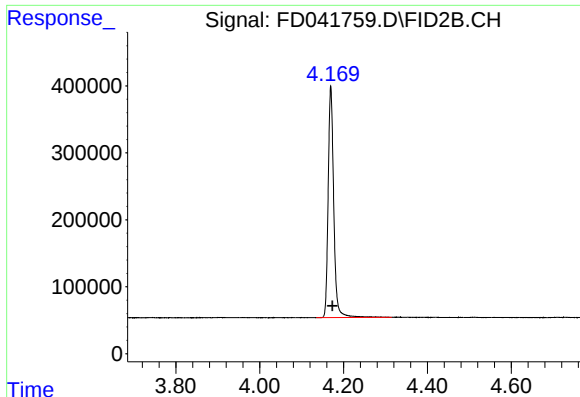
(m)=manual int.

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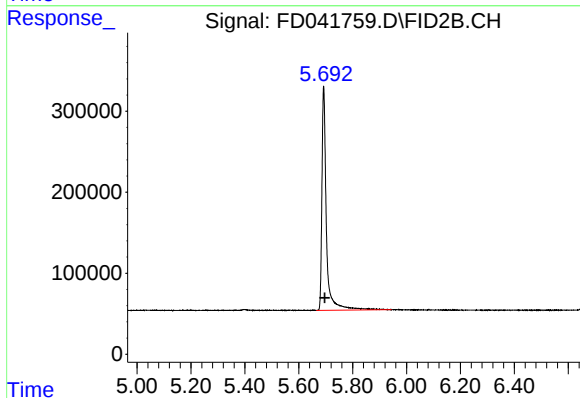
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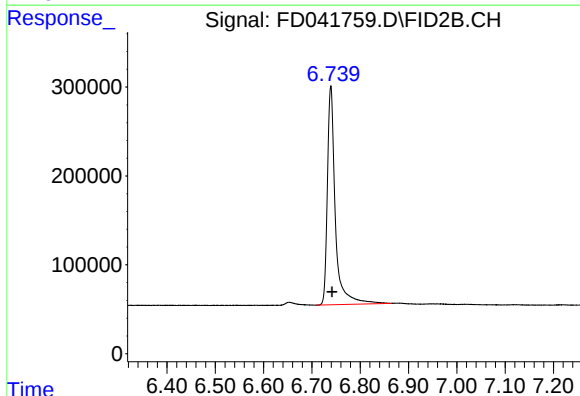
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 3192426
Conc: 18.23 ug/ml



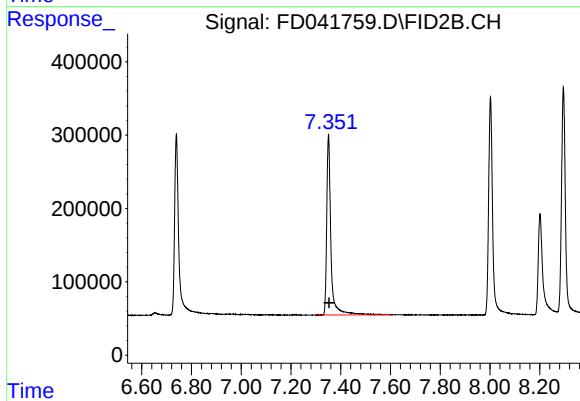
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 3204833
Conc: 18.16 ug/ml



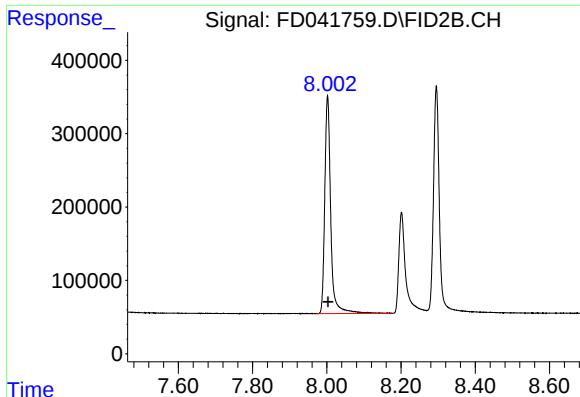
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 2831916
Conc: 17.70 ug/ml



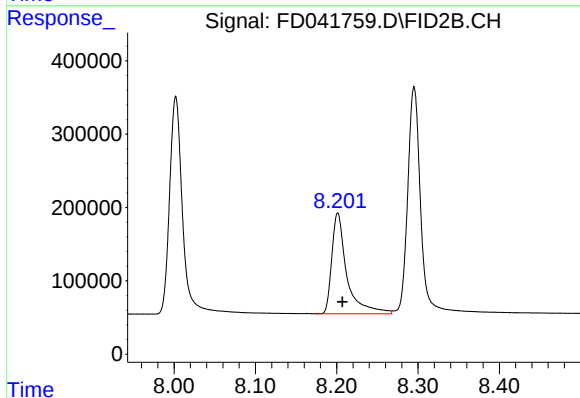
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 2892576
Conc: 18.03 ug/ml



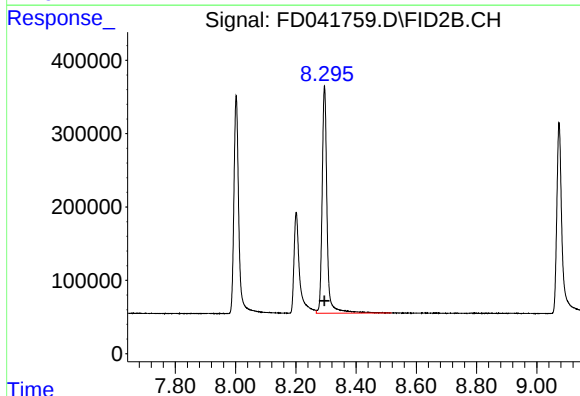
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 3328260
Conc: 17.99 ug/ml



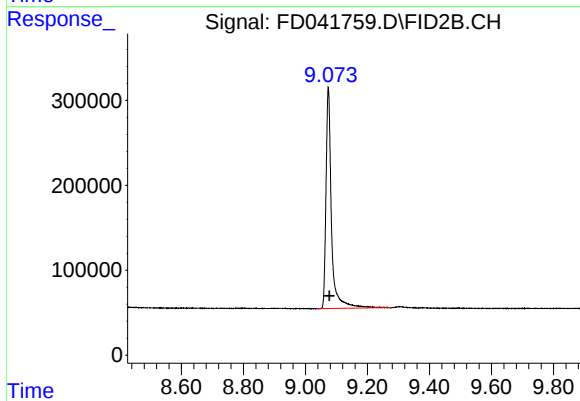
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.005 min
Response: 1767777
Conc: 17.89 ug/ml



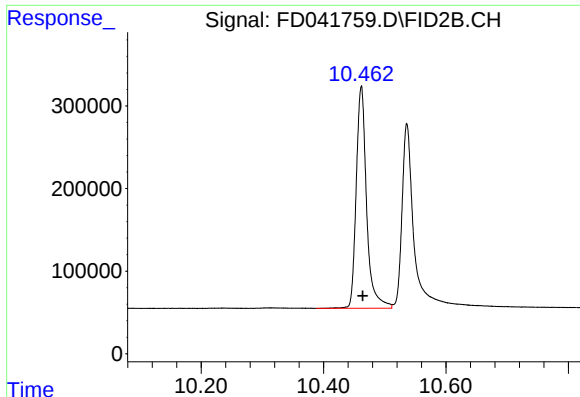
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 3517160
Conc: 18.32 ug/ml



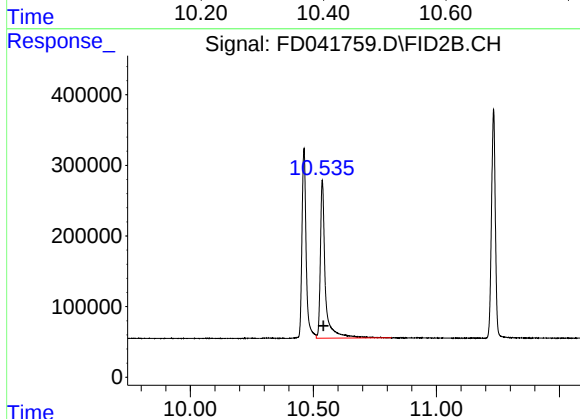
#8 Flouorene (C16.55)

R.T.: 9.074 min
Delta R.T.: -0.003 min
Response: 3197247
Conc: 18.12 ug/ml



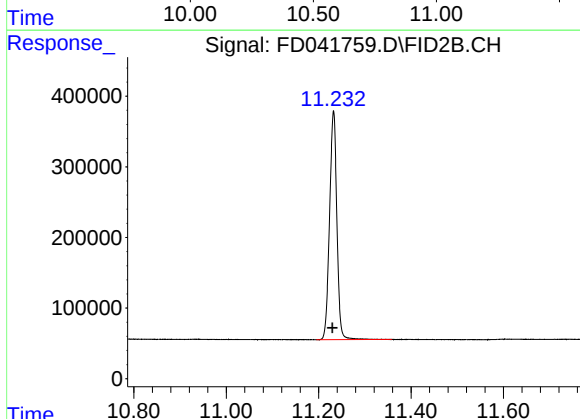
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.003 min
Response: 3166005
Conc: 18.15 ug/ml



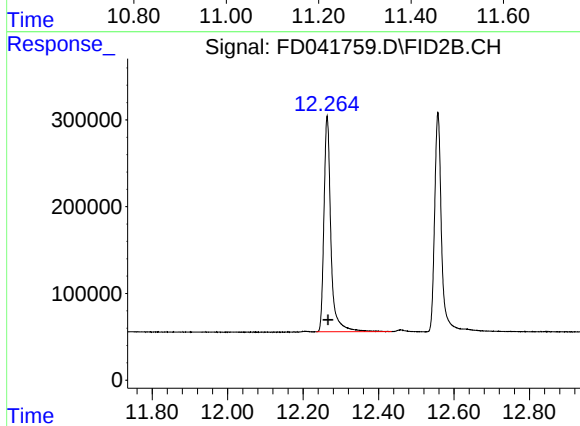
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.004 min
Response: 3166368
Conc: 17.40 ug/ml



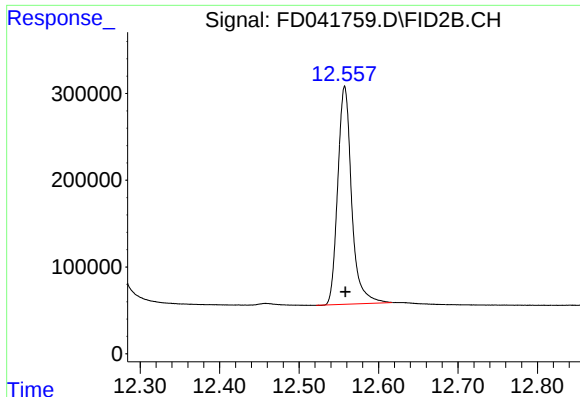
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: 0.002 min
Response: 3547088
Conc: 18.25 ug/ml



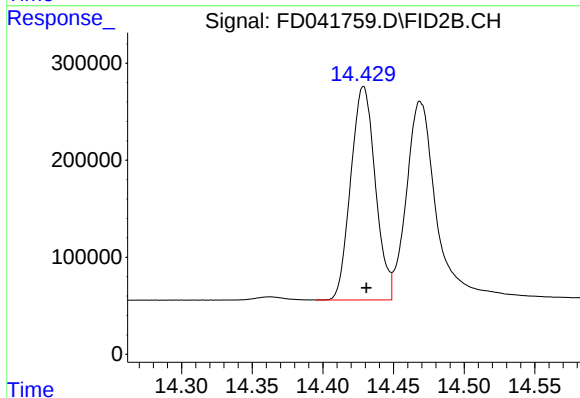
#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.003 min
Response: 3179076
Conc: 18.01 ug/ml



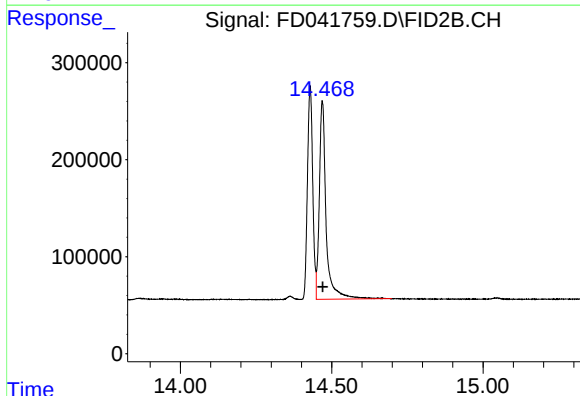
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.001 min
Response: 3059370
Conc: 18.10 ug/ml



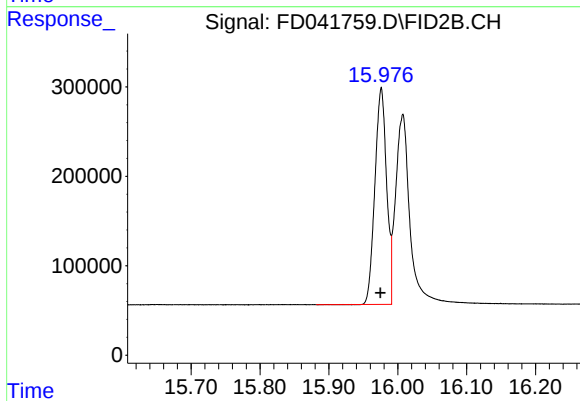
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: -0.002 min
Response: 2660728
Conc: 17.79 ug/ml



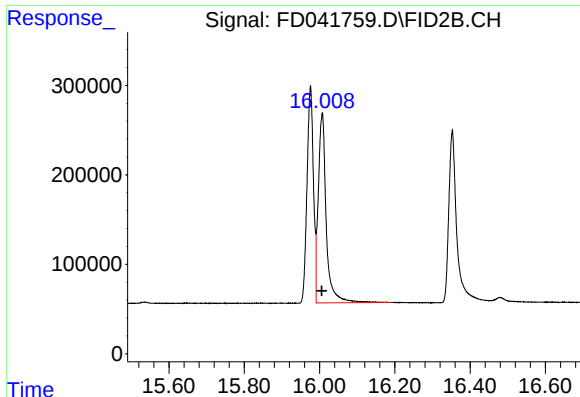
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 3201364
Conc: 17.79 ug/ml



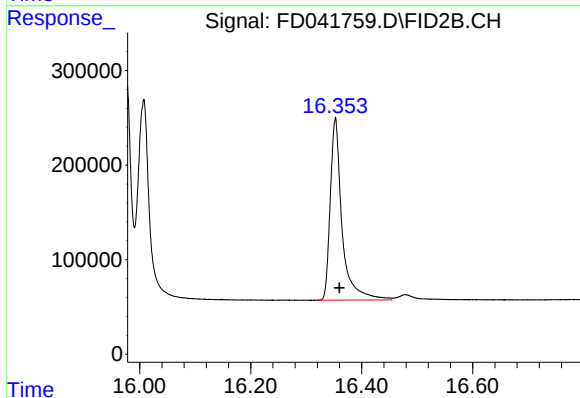
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.976 min
Delta R.T.: 0.001 min
Response: 2850974
Conc: 19.23 ug/ml



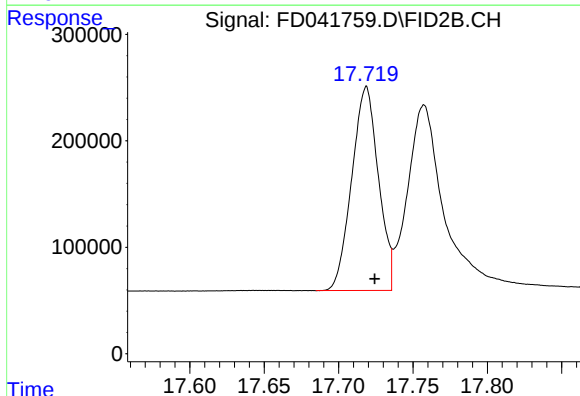
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.007 min
Delta R.T.: 0.000 min
Response: 3102051
Conc: 18.77 ug/ml



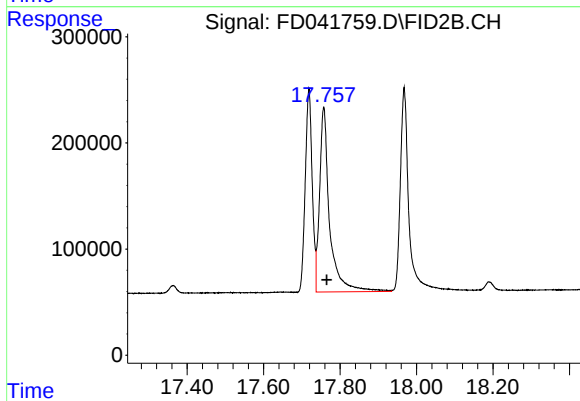
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.007 min
Response: 2843225
Conc: 20.21 ug/ml



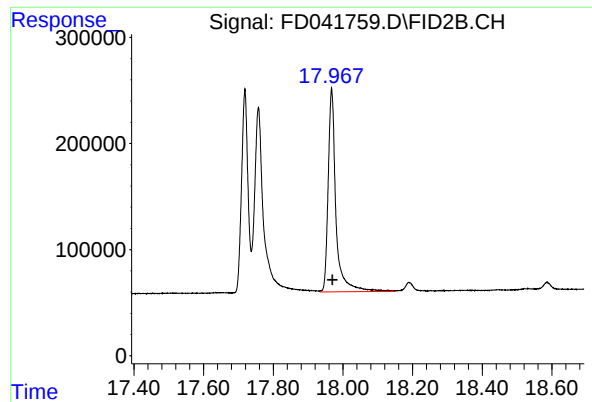
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.719 min
Delta R.T.: -0.006 min
Response: 2386219
Conc: 21.67 ug/ml m



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

R.T.: 17.757 min
Delta R.T.: -0.008 min
Response: 3176865
Conc: 21.94 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.002 min
Response: 2969272
Conc: 22.37 ug/ml