

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040449.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 4:06
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 06 04:33:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.746	3053977	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
6) S 2-Fluorobiphenyl (SURR)	7.595	2042977	21.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.91%
11) S ortho-Terphenyl (SURR)	10.631	3259013	20.854 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.603	3284505	21.234 ug/ml
2) T Naphthalene (C11.7)	5.096	3447393	21.540 ug/ml
3) T 2-Methylnaphthalene (...)	6.136	3475098	21.408 ug/ml
5) T Acenaphthylene (C15.06)	7.399	3233553	21.511 ug/ml
7) T Acenaphthene (C15.5)	7.693	3438647	21.334 ug/ml
8) T Fluorene (C16.55)	8.470	3340985	21.495 ug/ml
9) T Phenanthrene (C19.36)	9.856	3272675	21.273 ug/ml
10) T Anthracene (C19.43)	9.931	3136897	21.471 ug/ml
12) T Fluoranthene (C21.85)	11.659	3255598	20.967 ug/ml
13) T Pyrene (C20.8)	11.953	3164322	20.963 ug/ml
14) T Benzo[a]anthracene (C...	13.820	2860371	21.561 ug/ml
15) T Chrysene (C27.41)	13.862	3028740	20.711 ug/ml
16) T benzo[b]fluoranthene ...	15.364	2927217	21.422 ug/ml
17) T Bnezo[k]fluoranthene ...	15.398	2986053	21.572 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.739	2897435	22.228 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.100	2763014	22.675 ug/mlm
20) T Dibenz[a,h]anthracene...	17.143	2808461	23.089 ug/ml
21) T Benzo[g,h,i]perylene ...	17.353	2859482	22.269 ug/ml

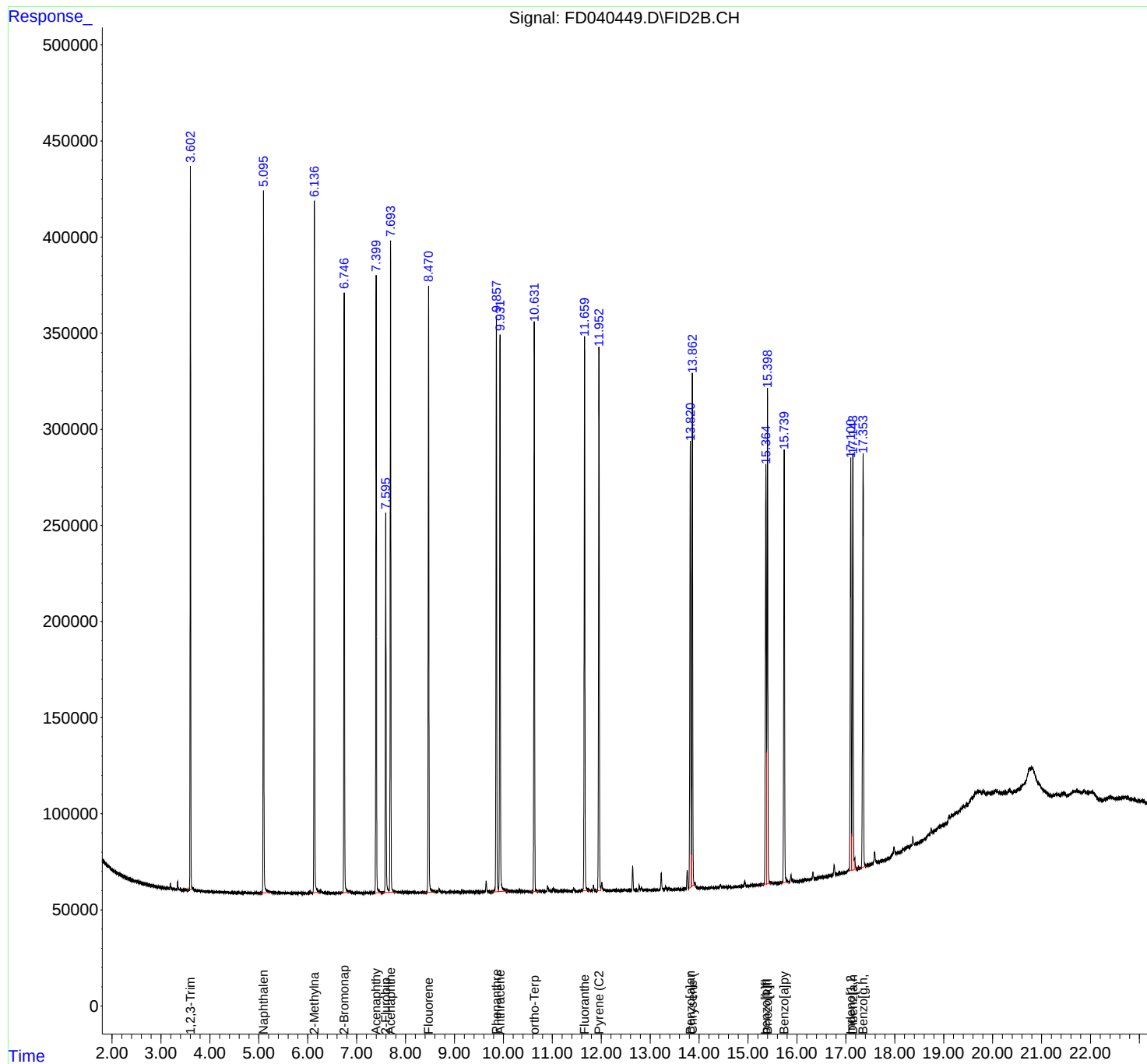
(f)=RT Delta > 1/2 Window

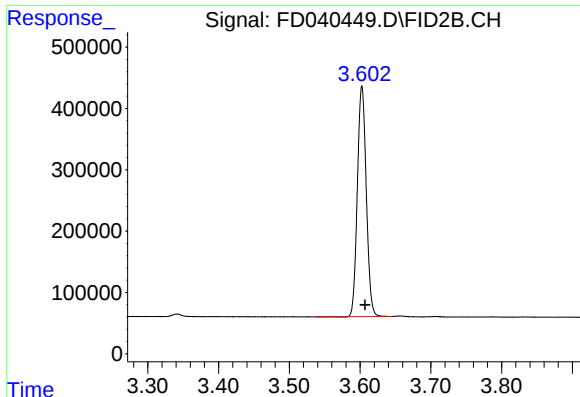
(m)=manual int.

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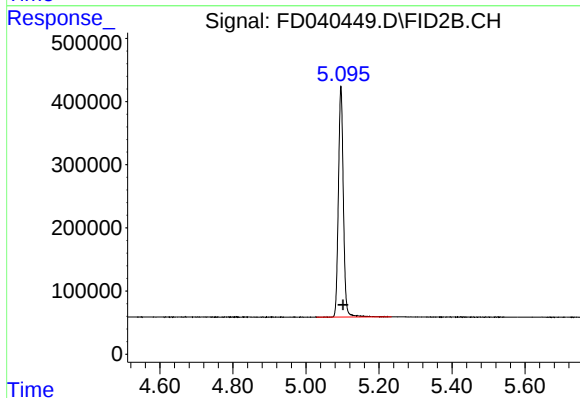
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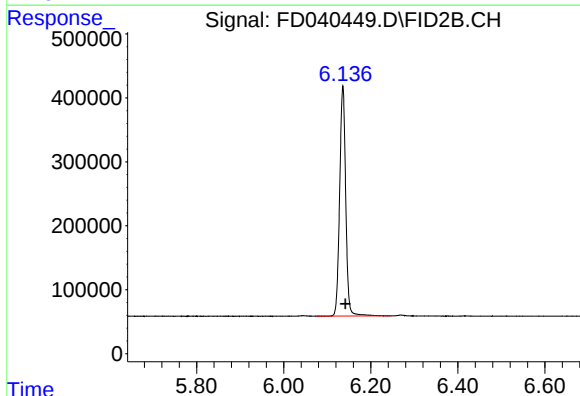
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 3284505
Conc: 21.23 ug/ml



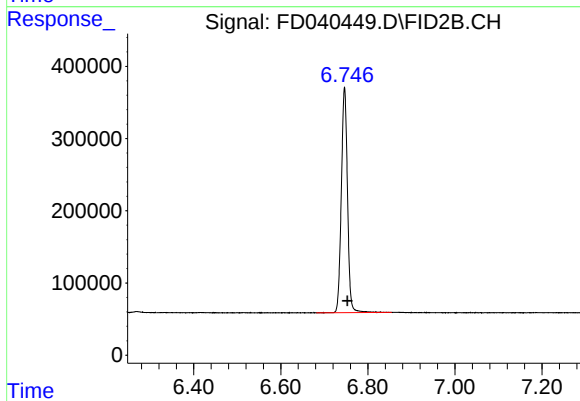
#2 Naphthalene (C11.7)

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 3447393
Conc: 21.54 ug/ml



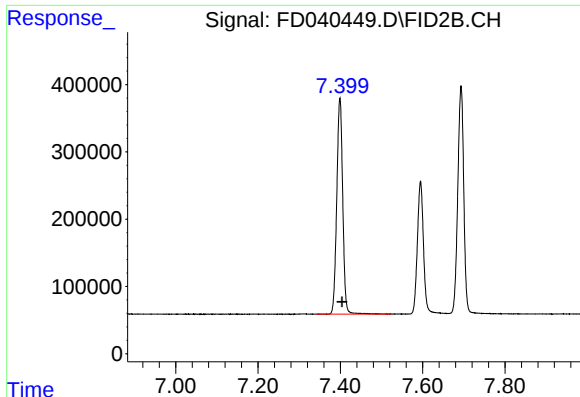
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 3475098
Conc: 21.41 ug/ml



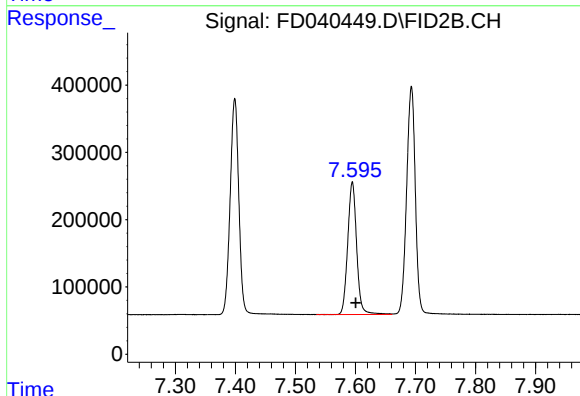
#4 2-Bromonaphthalene (SURR)

R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 3053977
Conc: 21.35 ug/ml



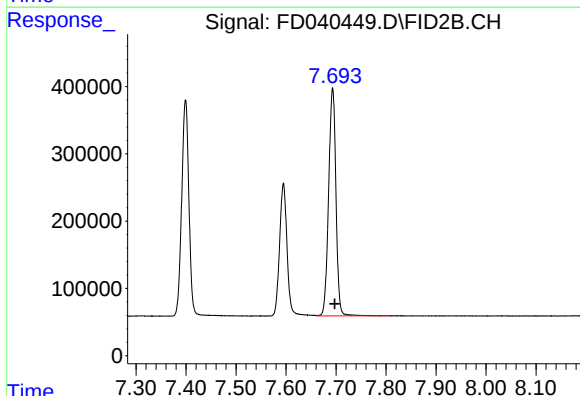
#5 Acenaphthylene (C15.06)

R.T.: 7.399 min
Delta R.T.: -0.005 min
Response: 3233553
Conc: 21.51 ug/ml



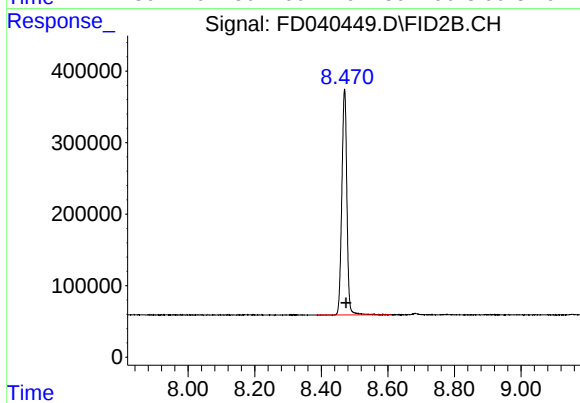
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.595 min
Delta R.T.: -0.006 min
Response: 2042977
Conc: 21.45 ug/ml



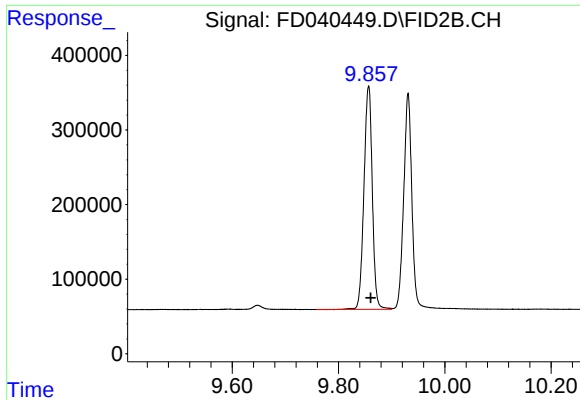
#7 Acenaphthene (C15.5)

R.T.: 7.693 min
Delta R.T.: -0.004 min
Response: 3438647
Conc: 21.33 ug/ml



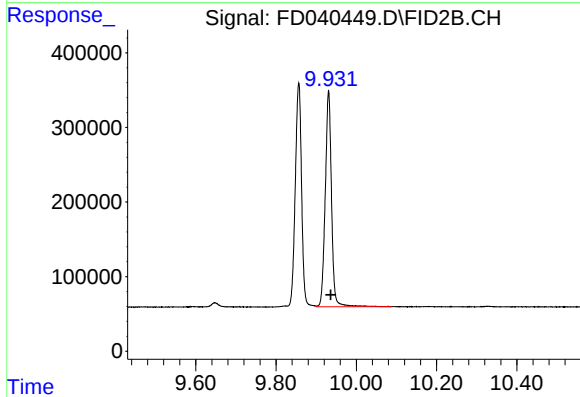
#8 Flouorene (C16.55)

R.T.: 8.470 min
Delta R.T.: -0.005 min
Response: 3340985
Conc: 21.50 ug/ml



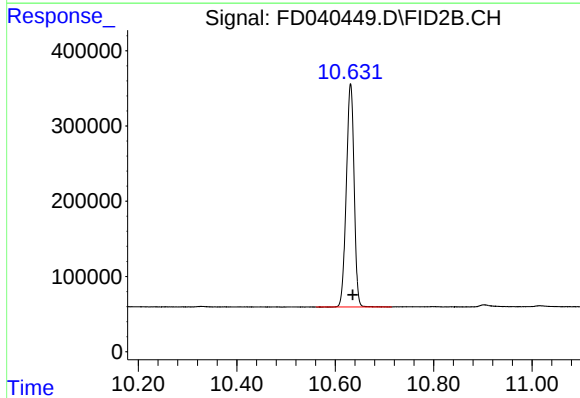
#9 Phenanthrene (C19.36)

R.T.: 9.856 min
Delta R.T.: -0.004 min
Response: 3272675
Conc: 21.27 ug/ml



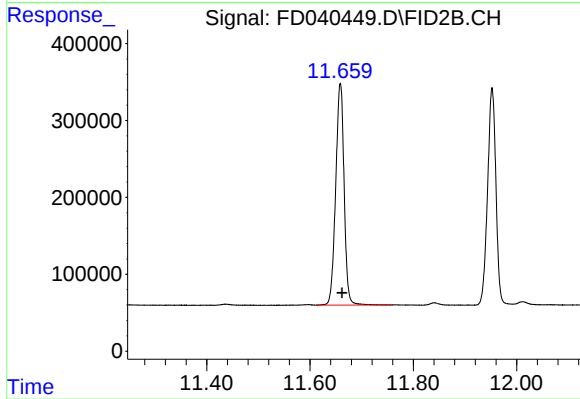
#10 Anthracene (C19.43)

R.T.: 9.931 min
Delta R.T.: -0.005 min
Response: 3136897
Conc: 21.47 ug/ml



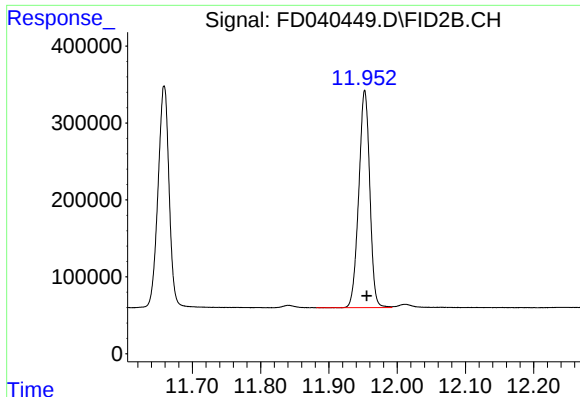
#11 ortho-Terphenyl (SURR)

R.T.: 10.631 min
Delta R.T.: -0.005 min
Response: 3259013
Conc: 20.85 ug/ml



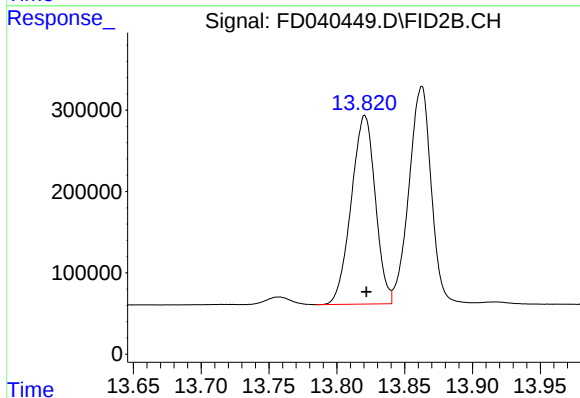
#12 Fluoranthene (C21.85)

R.T.: 11.659 min
Delta R.T.: -0.004 min
Response: 3255598
Conc: 20.97 ug/ml



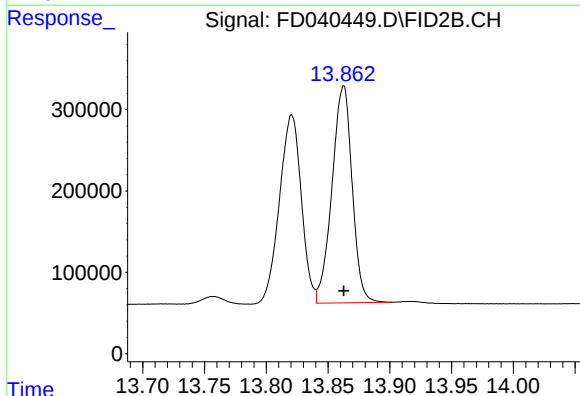
#13 Pyrene (C20.8)

R.T.: 11.953 min
Delta R.T.: -0.003 min
Response: 3164322
Conc: 20.96 ug/ml



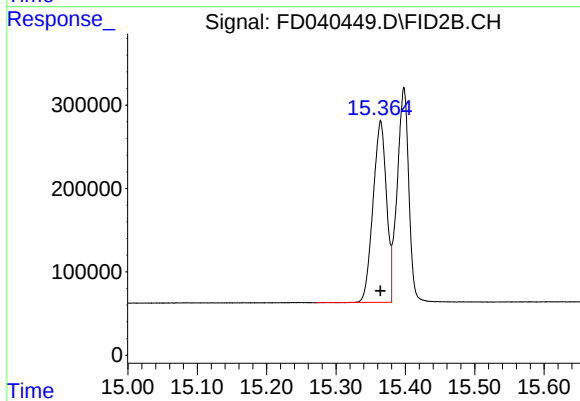
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.820 min
Delta R.T.: -0.001 min
Response: 2860371
Conc: 21.56 ug/ml



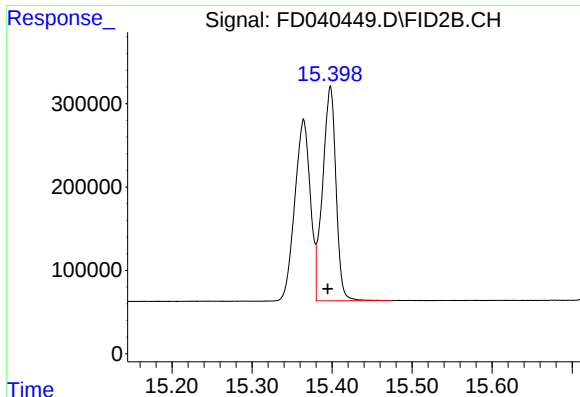
#15 Chrysene (C27.41)

R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 3028740
Conc: 20.71 ug/ml



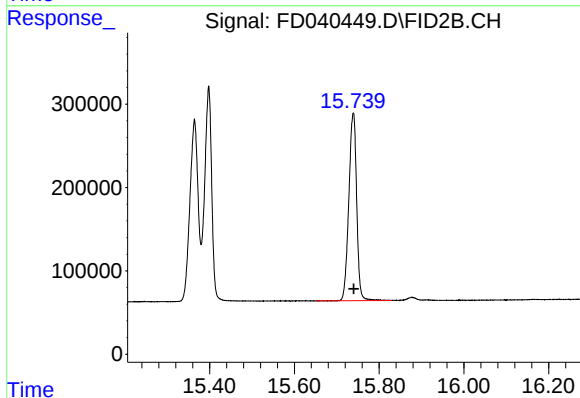
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.364 min
Delta R.T.: 0.000 min
Response: 2927217
Conc: 21.42 ug/ml



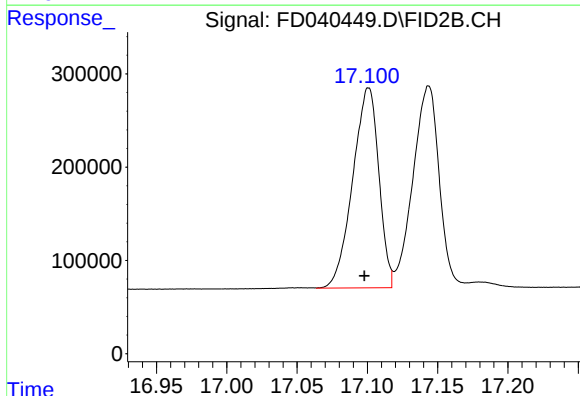
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.398 min
Delta R.T.: 0.003 min
Response: 2986053
Conc: 21.57 ug/ml



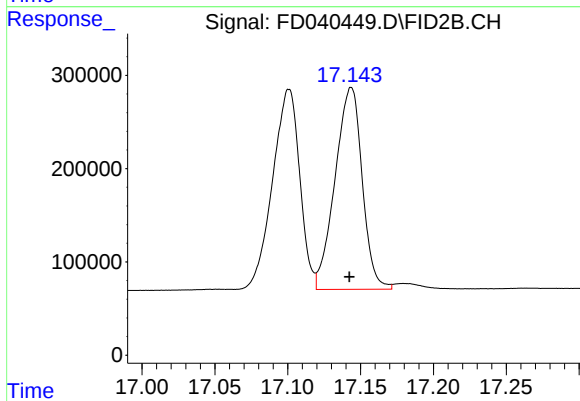
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.739 min
Delta R.T.: -0.002 min
Response: 2897435
Conc: 22.23 ug/ml



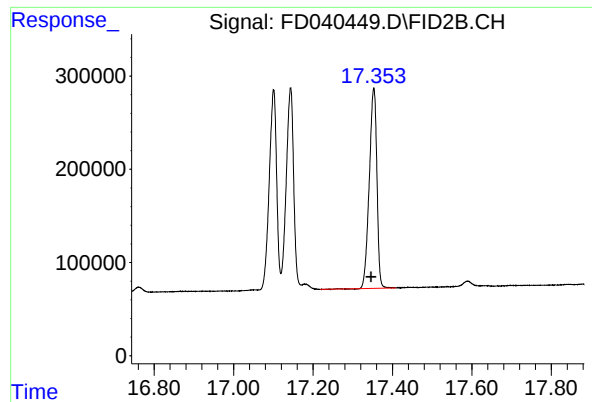
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.100 min
Delta R.T.: 0.002 min
Response: 2763014
Conc: 22.67 ug/ml m



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

R.T.: 17.143 min
Delta R.T.: 0.000 min
Response: 2808461
Conc: 23.09 ug/ml



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

R.T.: 17.353 min
Delta R.T.: 0.006 min
Response: 2859482
Conc: 22.27 ug/ml