

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012722AR\
 Data File : FD040800.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jan 2022 10:20
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 01:51:12 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...	6.720	2992192	20.921 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
6) S 2-Fluorobiphenyl (SURR)	7.568	1940748	20.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.76%
11) S ortho-Terphenyl (SURR)	10.599	3159590	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.582	3218375	20.807 ug/ml
2) T Naphthalene (C11.7)	5.072	3367503	21.041 ug/ml
3) T 2-Methylnaphthalene (...)	6.110	3362771	20.716 ug/ml
5) T Acenaphthylene (C15.06)	7.371	3072804	20.442 ug/ml
7) T Acenaphthene (C15.5)	7.665	3349788	20.783 ug/ml
8) T Fluorene (C16.55)	8.441	3214650	20.682 ug/ml
9) T Phenanthrene (C19.36)	9.825	3114371	20.244 ug/ml
10) T Anthracene (C19.43)	9.899	2369573	16.219 ug/ml
12) T Fluoranthene (C21.85)	11.626	3117113	20.075 ug/ml
13) T Pyrene (C20.8)	11.984	78684	0.521 ug/ml
14) T Benzo[a]anthracene (C...	13.828	3057281	23.045 ug/ml
15) T Chrysene (C27.41)	13.885	191792	1.312 ug/ml
16) T benzo[b]fluoranthene ...	15.361	3153940	23.082 ug/ml
17) T Bnezo[k]fluoranthene ...	15.361	3153940	22.785 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.704	2791304	21.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.106	2787597	22.877 ug/ml
20) T Dibenz[a,h]anthracene...	17.144	311248	2.559 ug/ml
21) T Benzo[g,h,i]perylene ...	17.315	2877897	22.413 ug/ml

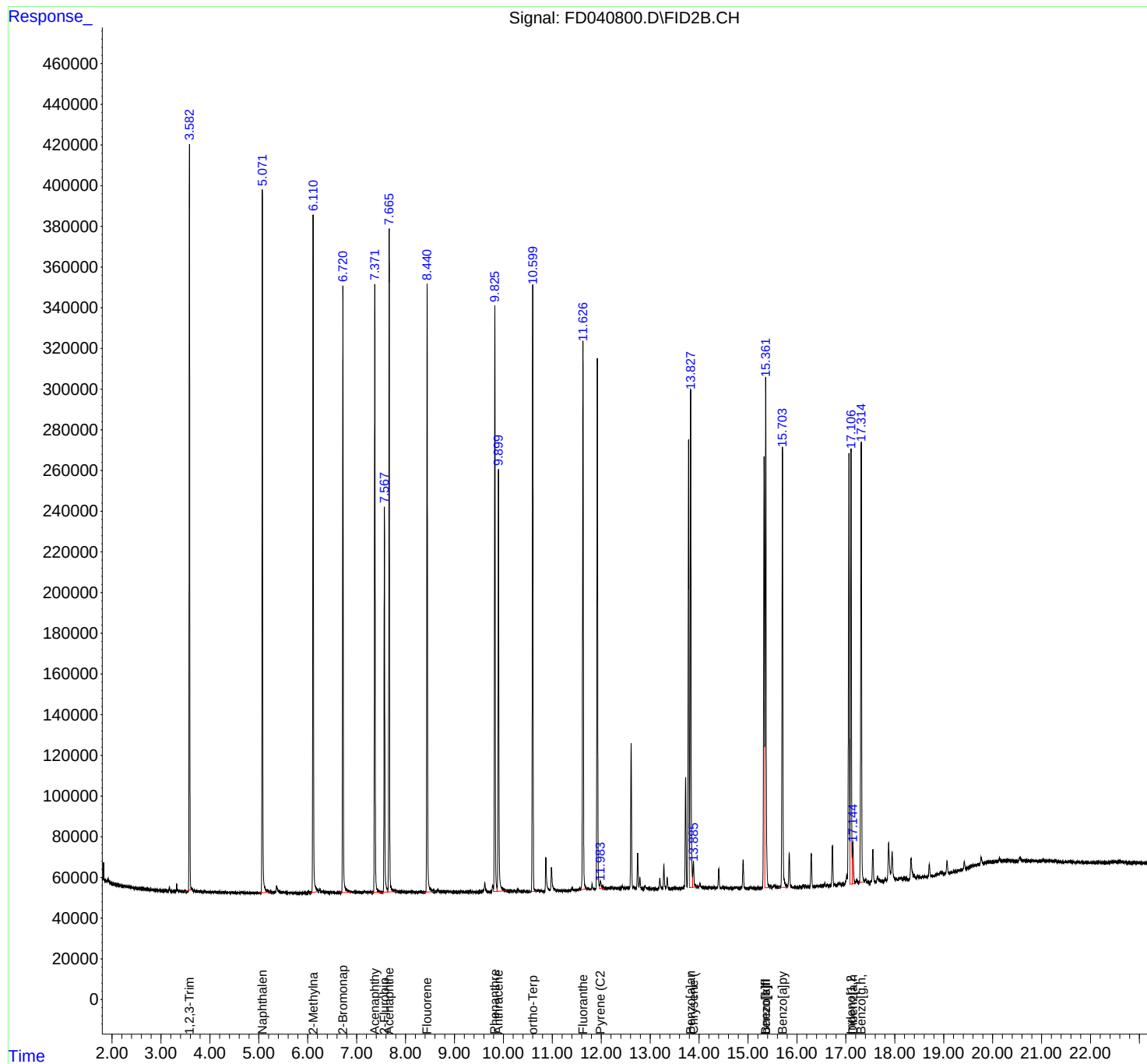
(f)=RT Delta > 1/2 Window

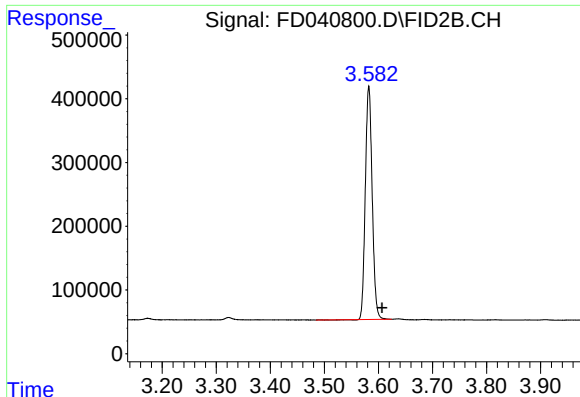
(m)=manual int.

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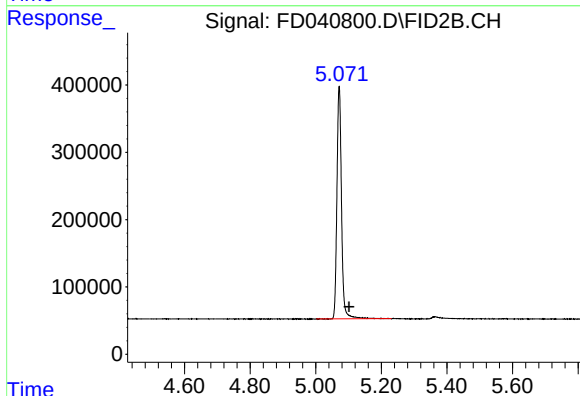
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





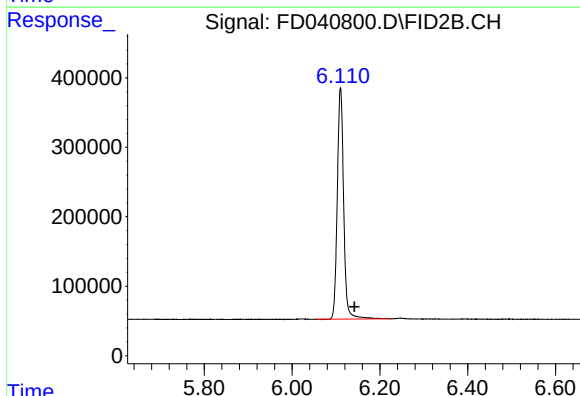
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.582 min
Delta R.T.: -0.025 min
Response: 3218375
Conc: 20.81 ug/ml



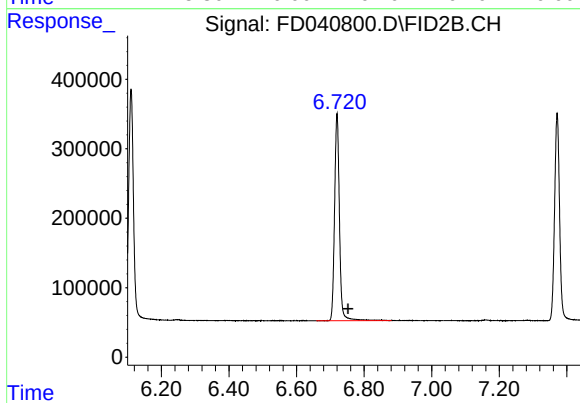
#2 Naphthalene (C11.7)

R.T.: 5.072 min
Delta R.T.: -0.030 min
Response: 3367503
Conc: 21.04 ug/ml



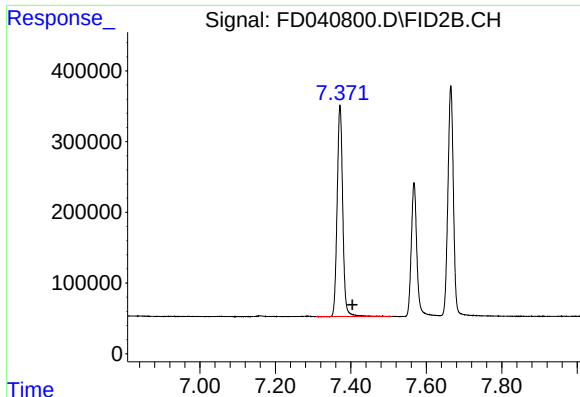
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.110 min
Delta R.T.: -0.031 min
Response: 3362771
Conc: 20.72 ug/ml



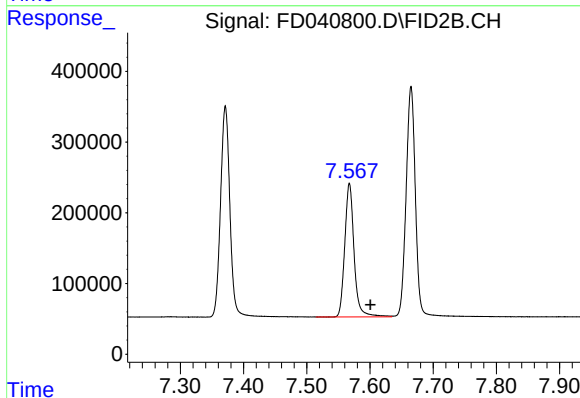
#4 2-Bromonaphthalene (SURR)

R.T.: 6.720 min
Delta R.T.: -0.033 min
Response: 2992192
Conc: 20.92 ug/ml



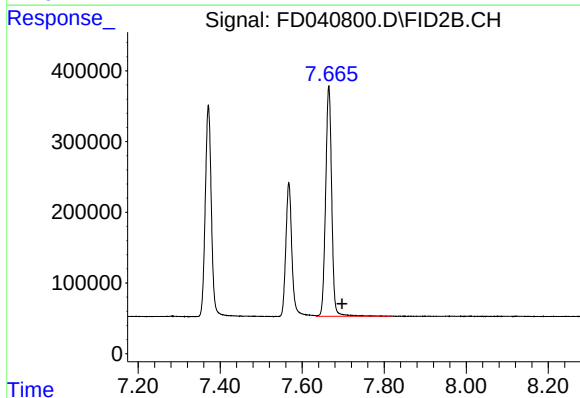
#5 Acenaphthylene (C15.06)

R.T.: 7.371 min
Delta R.T.: -0.033 min
Response: 3072804
Conc: 20.44 ug/ml



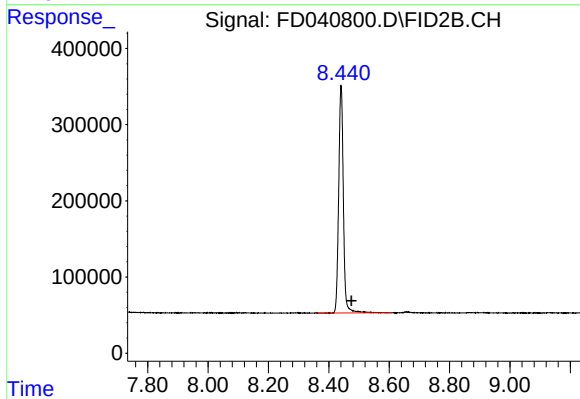
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.568 min
Delta R.T.: -0.033 min
Response: 1940748
Conc: 20.38 ug/ml



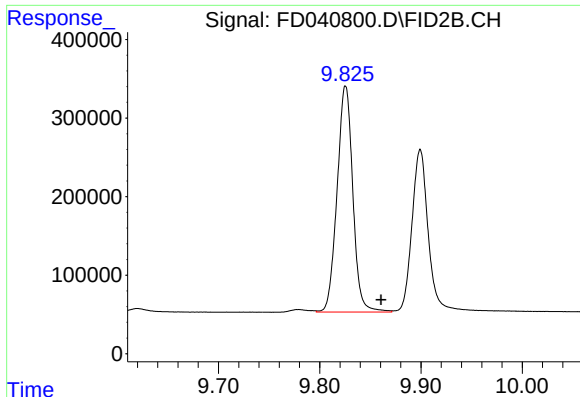
#7 Acenaphthene (C15.5)

R.T.: 7.665 min
Delta R.T.: -0.033 min
Response: 3349788
Conc: 20.78 ug/ml



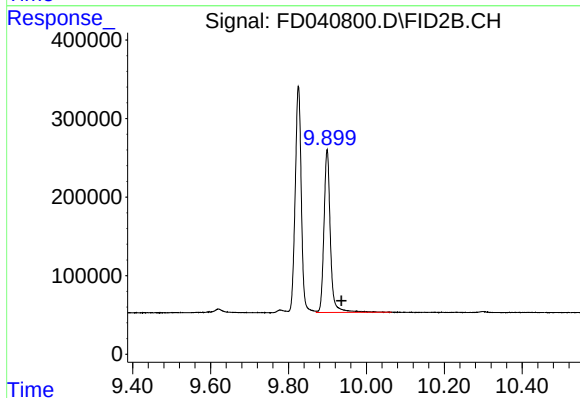
#8 Flouorene (C16.55)

R.T.: 8.441 min
Delta R.T.: -0.034 min
Response: 3214650
Conc: 20.68 ug/ml



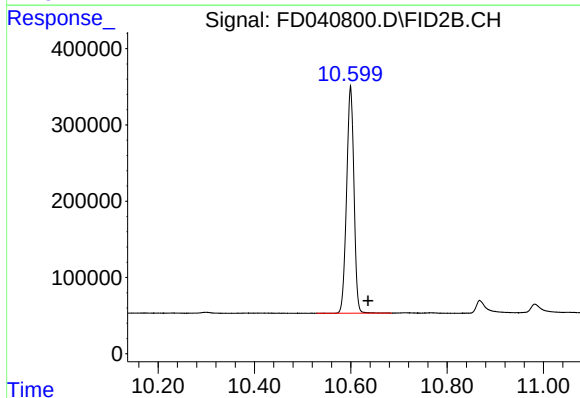
#9 Phenanthrene (C19.36)

R.T.: 9.825 min
Delta R.T.: -0.035 min
Response: 3114371
Conc: 20.24 ug/ml



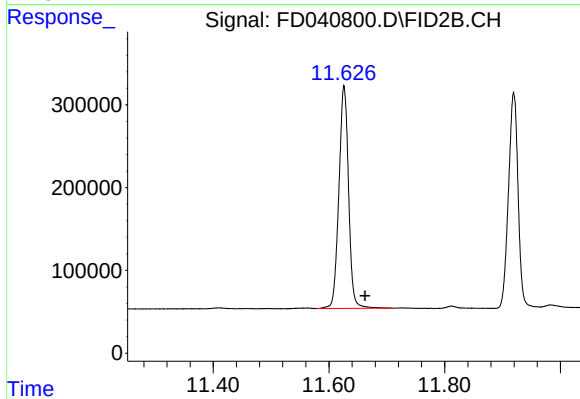
#10 Anthracene (C19.43)

R.T.: 9.899 min
Delta R.T.: -0.037 min
Response: 2369573
Conc: 16.22 ug/ml



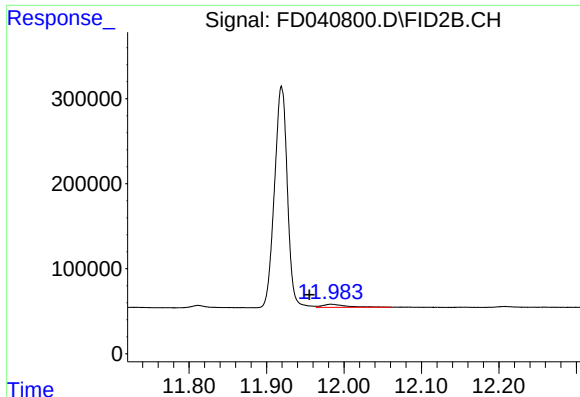
#11 ortho-Terphenyl (SURR)

R.T.: 10.599 min
Delta R.T.: -0.036 min
Response: 3159590
Conc: 20.22 ug/ml



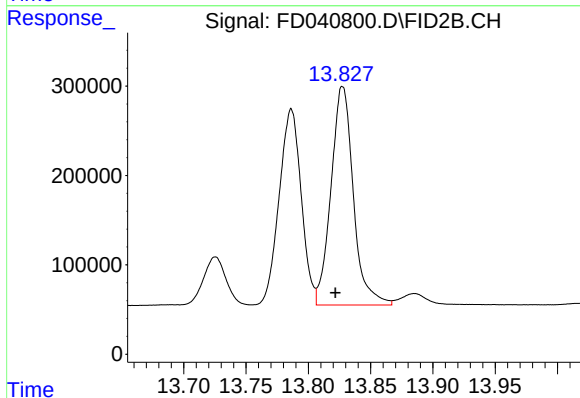
#12 Fluoranthene (C21.85)

R.T.: 11.626 min
Delta R.T.: -0.036 min
Response: 3117113
Conc: 20.07 ug/ml



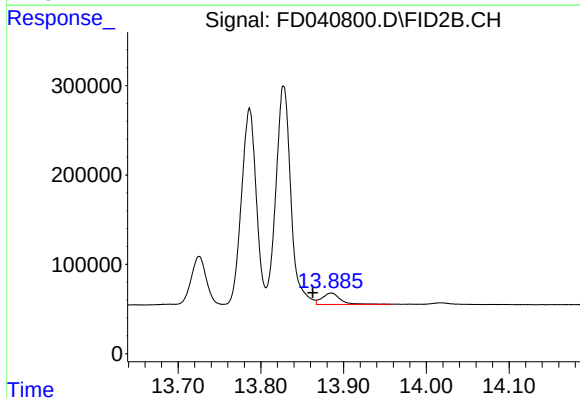
#13 Pyrene (C20.8)

R.T.: 11.984 min
Delta R.T.: 0.028 min
Response: 78684
Conc: 0.52 ug/ml



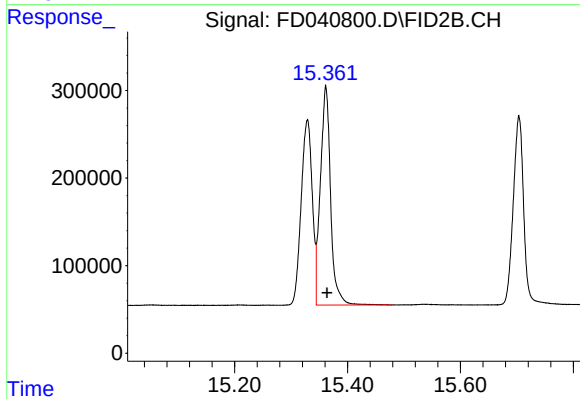
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.828 min
Delta R.T.: 0.006 min
Response: 3057281
Conc: 23.05 ug/ml



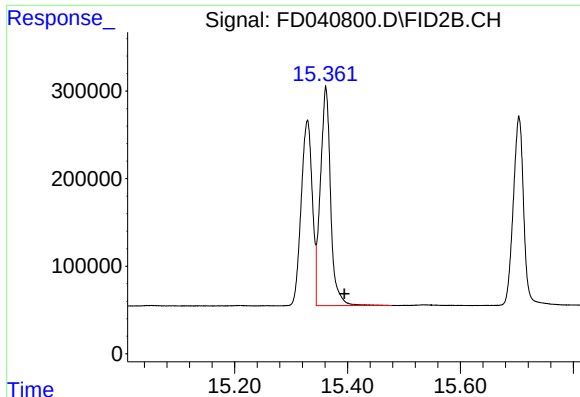
#15 Chrysene (C27.41)

R.T.: 13.885 min
Delta R.T.: 0.022 min
Response: 191792
Conc: 1.31 ug/ml



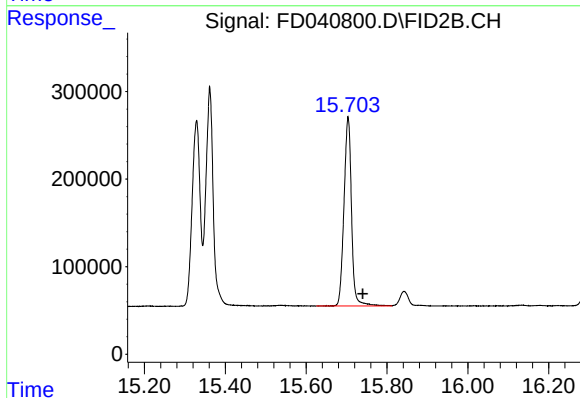
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.361 min
Delta R.T.: -0.002 min
Response: 3153940
Conc: 23.08 ug/ml



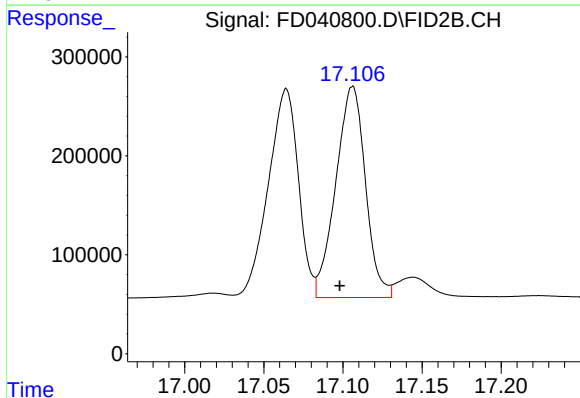
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.361 min
Delta R.T.: -0.033 min
Response: 3153940
Conc: 22.79 ug/ml



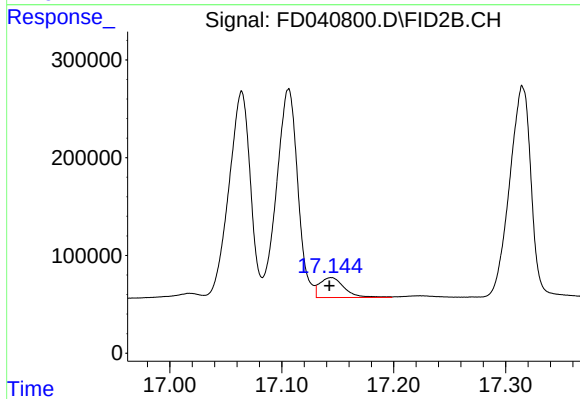
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.704 min
Delta R.T.: -0.037 min
Response: 2791304
Conc: 21.41 ug/ml



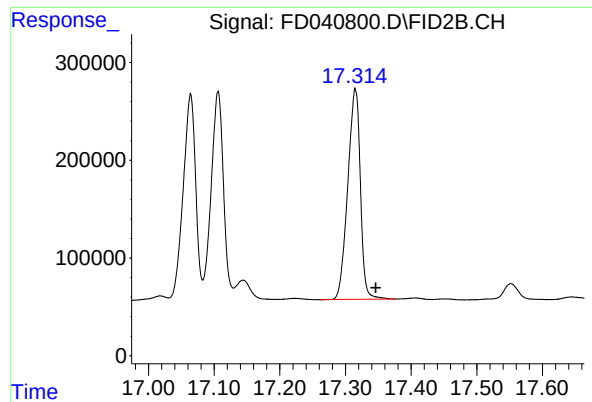
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.106 min
Delta R.T.: 0.008 min
Response: 2787597
Conc: 22.88 ug/ml



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

R.T.: 17.144 min
Delta R.T.: 0.001 min
Response: 311248
Conc: 2.56 ug/ml



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

R.T.: 17.315 min
Delta R.T.: -0.032 min
Response: 2877897
Conc: 22.41 ug/ml