

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020322AR\
 Data File : FD040881.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2022 8:28
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 08:54:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 06:38:14 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...	6.717	2398480	19.907 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
6) S 2-Fluorobiphenyl (SURR)	7.564	1599108	20.101 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	10.595	2764731	19.671 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.581	2610920	19.810 ug/ml
2) T Naphthalene (C11.7)	5.070	2709620	19.950 ug/ml
3) T 2-Methylnaphthalene (...)	6.107	2696999	19.632 ug/ml
5) T Acenaphthylene (C15.06)	7.368	2719126	19.752 ug/ml
7) T Acenaphthene (C15.5)	7.661	2940319	19.744 ug/ml
8) T Fluorene (C16.55)	8.437	2654784	19.879 ug/ml
9) T Phenanthrene (C19.36)	9.822	2664332	19.828 ug/ml
10) T Anthracene (C19.43)	9.896	2693286	19.927 ug/ml
12) T Fluoranthene (C21.85)	11.622	2756425	19.766 ug/ml
13) T Pyrene (C20.8)	11.914	2795687	19.763 ug/ml
14) T Benzo[a]anthracene (C...	13.780	2674946	20.175 ug/ml
15) T Chrysene (C27.41)	13.822	2941877	19.655 ug/ml
16) T benzo[b]fluoranthene ...	15.355	5603337	41.000 ug/ml
17) T Bnezo[k]fluoranthene ...	15.355	5603337	38.712 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.698	2622863	19.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.058	2470979	19.852 ug/ml
20) T Dibenz[a,h]anthracene...	17.100	2669313	19.771 ug/ml
21) T Benzo[g,h,i]perylene ...	17.309	2488246	19.910 ug/ml

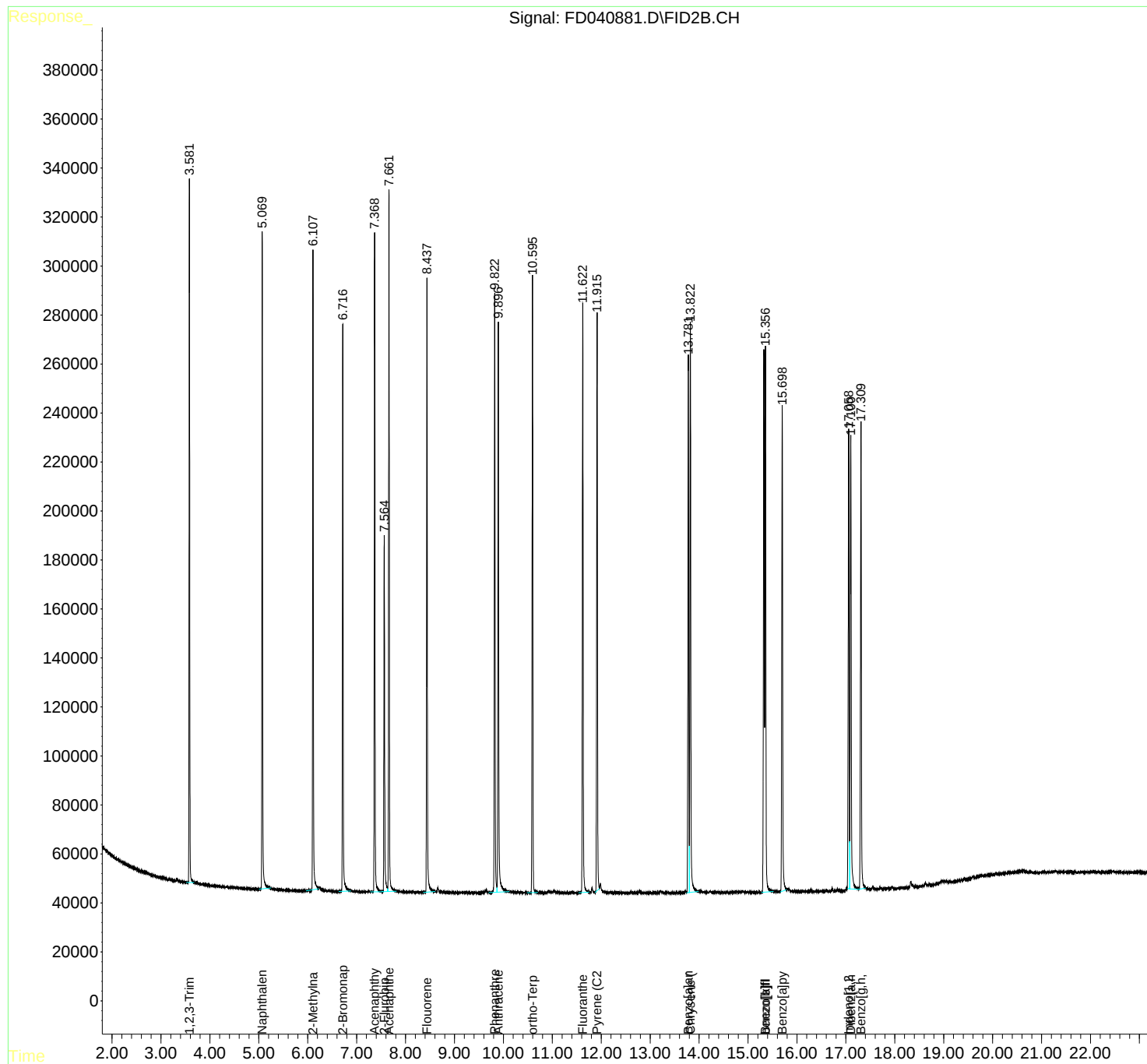
(f)=RT Delta > 1/2 Window

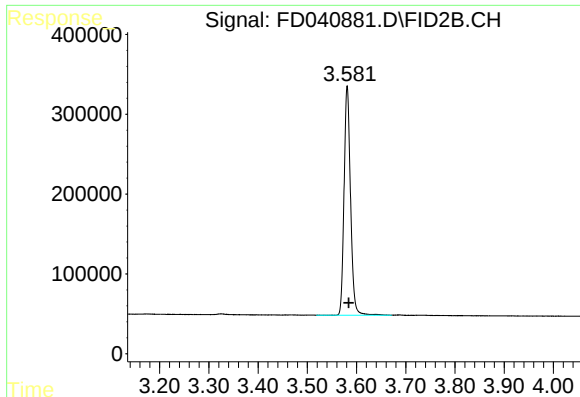
(m)=manual int.

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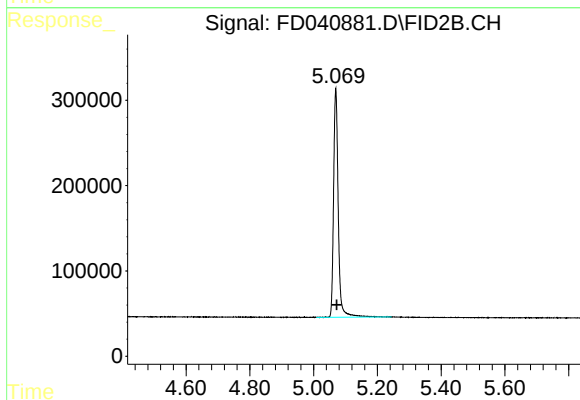
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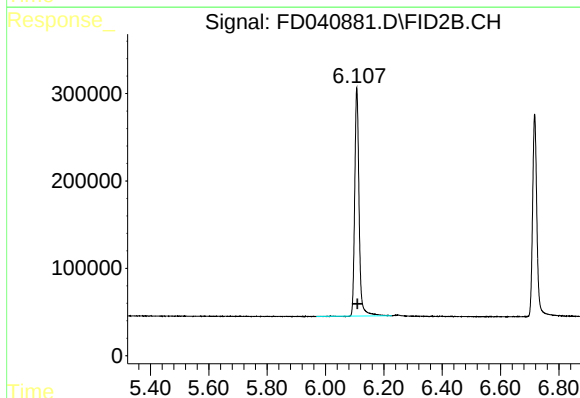
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.581 min
Delta R.T.: -0.003 min
Response: 2610920
Conc: 19.81 ug/ml



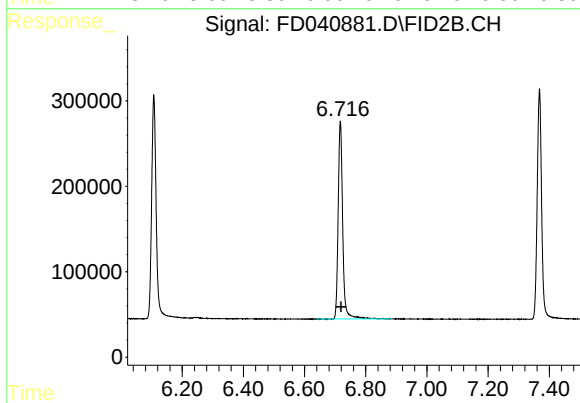
#2 Naphthalene (C11.7)

R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 2709620
Conc: 19.95 ug/ml



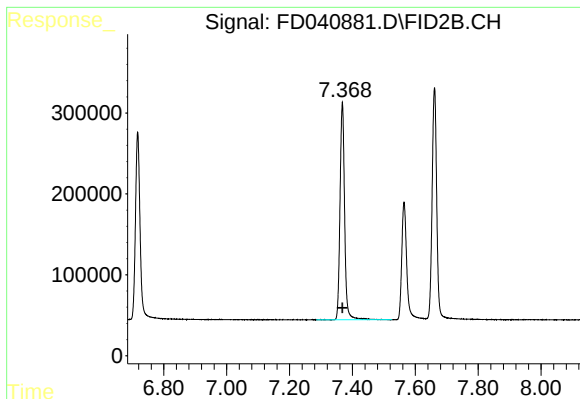
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 2696999
Conc: 19.63 ug/ml



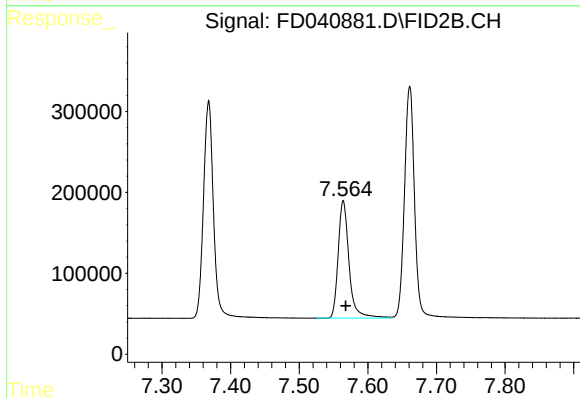
#4 2-Bromonaphthalene (SURR)

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 2398480
Conc: 19.91 ug/ml



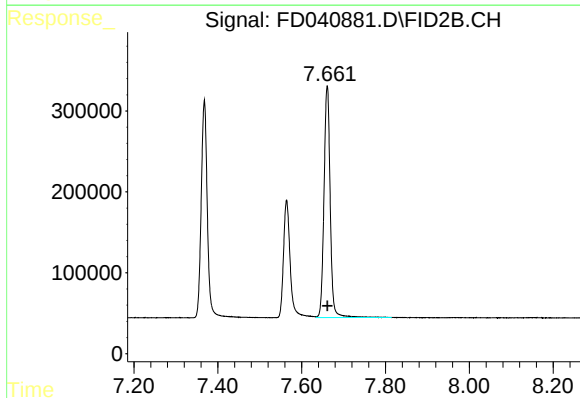
#5 Acenaphthylene (C15.06)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 2719126
Conc: 19.75 ug/ml



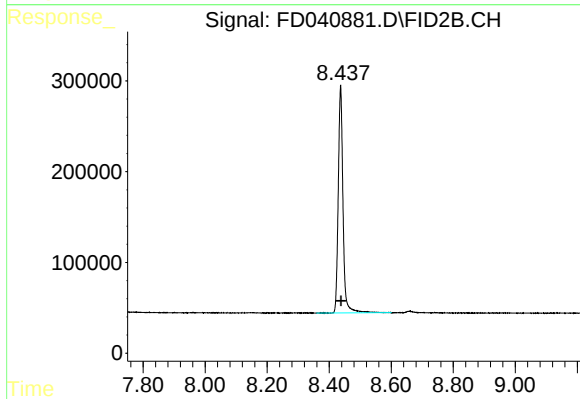
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.564 min
Delta R.T.: -0.004 min
Response: 1599108
Conc: 20.10 ug/ml



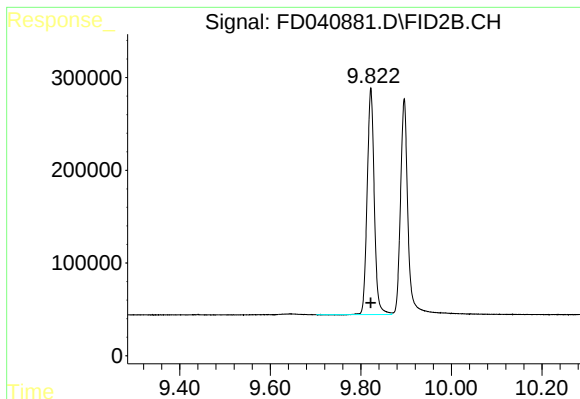
#7 Acenaphthene (C15.5)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 2940319
Conc: 19.74 ug/ml



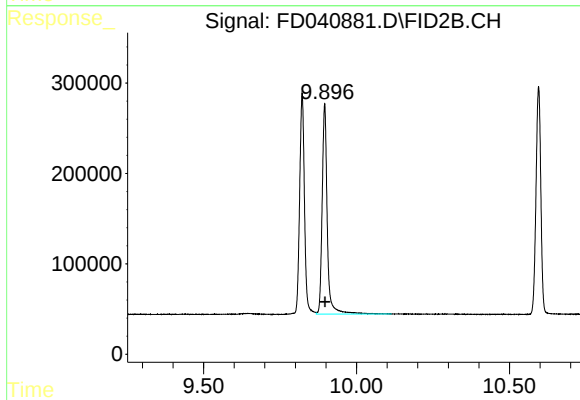
#8 Fluorene (C16.55)

R.T.: 8.437 min
Delta R.T.: -0.002 min
Response: 2654784
Conc: 19.88 ug/ml



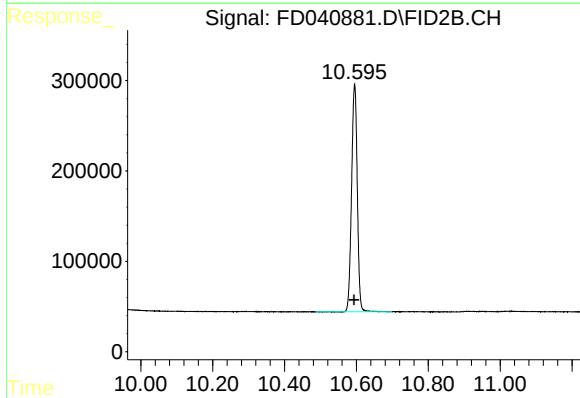
#9 Phenanthrene (C19.36)

R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 2664332
Conc: 19.83 ug/ml



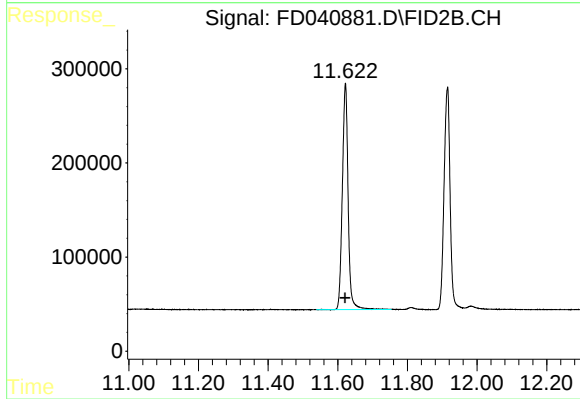
#10 Anthracene (C19.43)

R.T.: 9.896 min
Delta R.T.: -0.002 min
Response: 2693286
Conc: 19.93 ug/ml



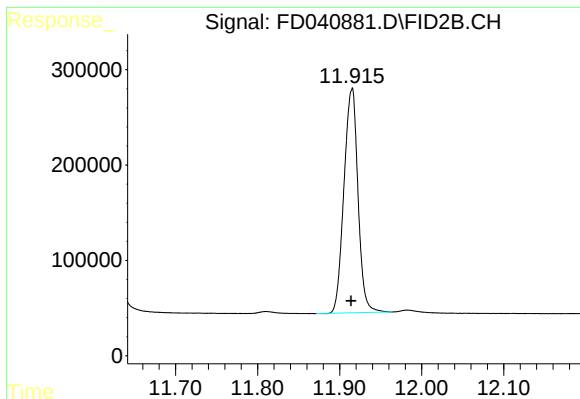
#11 ortho-Terphenyl (SURR)

R.T.: 10.595 min
Delta R.T.: 0.001 min
Response: 2764731
Conc: 19.67 ug/ml



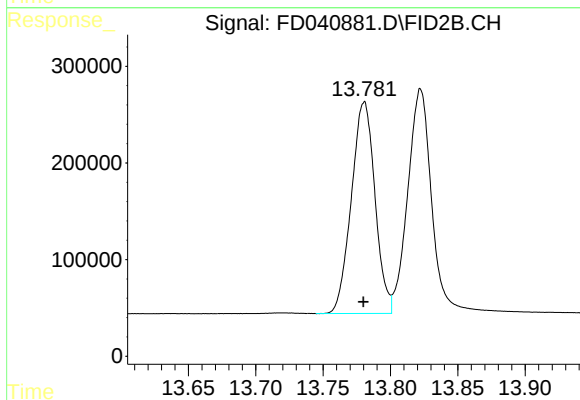
#12 Fluoranthene (C21.85)

R.T.: 11.622 min
Delta R.T.: 0.000 min
Response: 2756425
Conc: 19.77 ug/ml



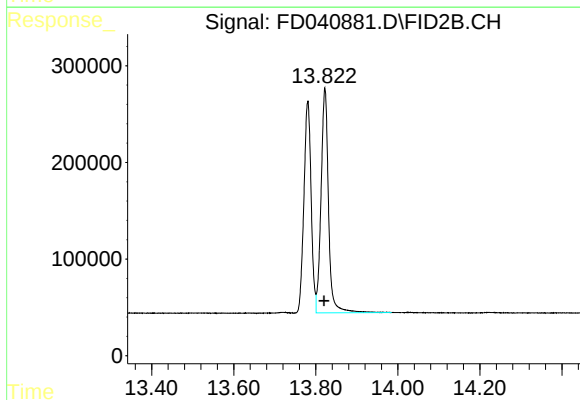
#13 Pyrene (C20.8)

R.T.: 11.914 min
Delta R.T.: 0.000 min
Response: 2795687
Conc: 19.76 ug/ml



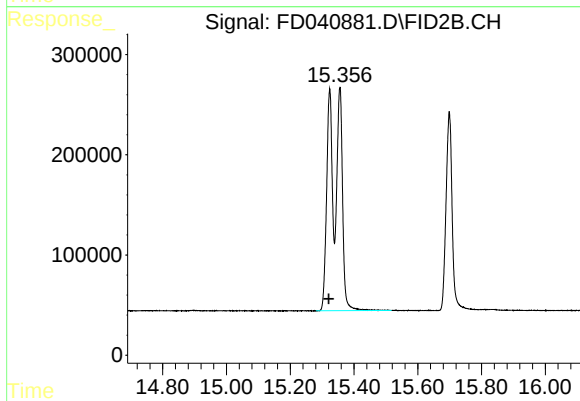
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 2674946
Conc: 20.17 ug/ml



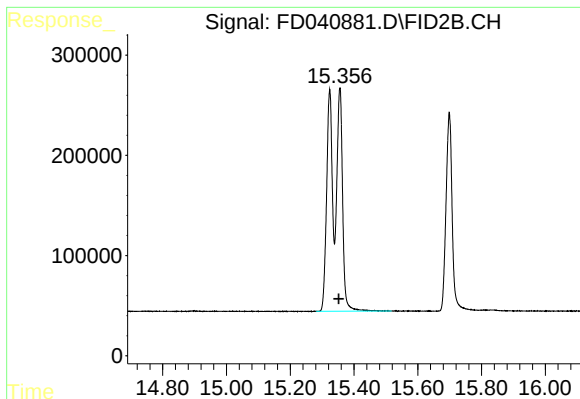
#15 Chrysene (C27.41)

R.T.: 13.822 min
Delta R.T.: 0.002 min
Response: 2941877
Conc: 19.65 ug/ml



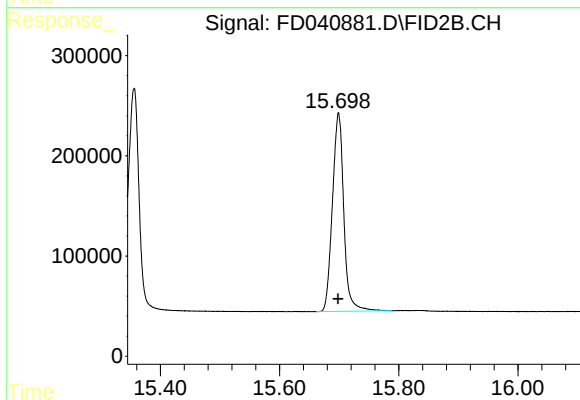
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.355 min
Delta R.T.: 0.034 min
Response: 5603337
Conc: 41.00 ug/ml



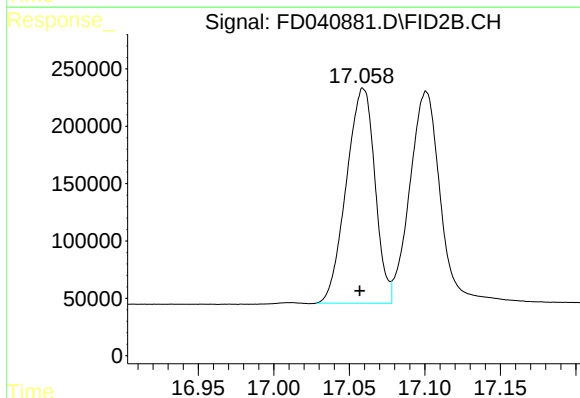
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.355 min
Delta R.T.: 0.003 min
Response: 5603337
Conc: 38.71 ug/ml



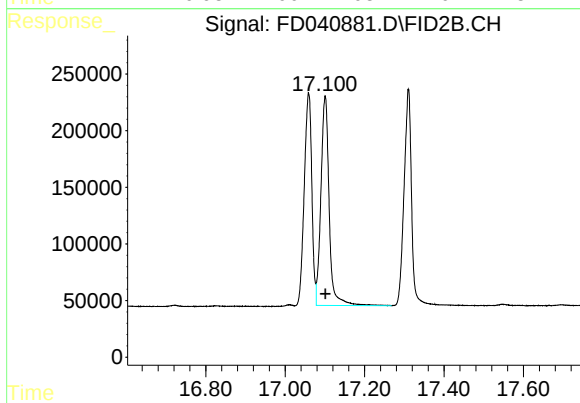
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.698 min
Delta R.T.: 0.000 min
Response: 2622863
Conc: 19.90 ug/ml



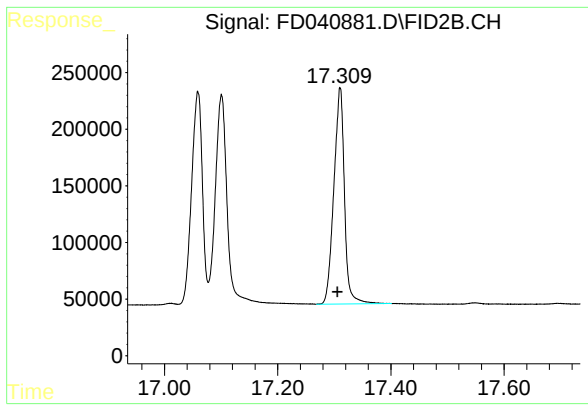
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.058 min
Delta R.T.: 0.001 min
Response: 2470979
Conc: 19.85 ug/ml



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

R.T.: 17.100 min
Delta R.T.: 0.000 min
Response: 2669313
Conc: 19.77 ug/ml



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

R.T.: 17.309 min
Delta R.T.: 0.004 min
Response: 2488246
Conc: 19.91 ug/ml