

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040722AR\
 Data File : FD041886.D
 Signal(s) : FID2B.CH
 Acq On : 08 Apr 2022 2:35
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 08 02:59:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.343	3453371	21.531 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
6) S 2-Fluorobiphenyl (SURR)	8.193	2054016	20.786 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.57%
11) S ortho-Terphenyl (SURR)	11.221	4041492	20.790 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.164	3932271	22.450 ug/ml
2) T Naphthalene (C11.7)	5.685	3889882	22.047 ug/ml
3) T 2-Methylnaphthalene (...)	6.731	3400890	21.257 ug/ml
5) T Acenaphthylene (C15.06)	7.993	3849489	20.802 ug/ml
7) T Acenaphthene (C15.5)	8.287	4164629	21.694 ug/ml
8) T Fluorene (C16.55)	9.065	3695648	20.948 ug/ml
9) T Phenanthrene (C19.36)	10.452	3464516	19.862 ug/ml
10) T Anthracene (C19.43)	10.527	3033881	16.669 ug/ml
12) T Fluoranthene (C21.85)	12.255	3369357	19.086 ug/ml
13) T Pyrene (C20.8)	12.548	3190018	18.868 ug/ml
14) T Benzo[a]anthracene (C...	14.419	2686630	17.967 ug/ml
15) T Chrysene (C27.41)	14.460	3457716	19.210 ug/ml
16) T benzo[b]fluoranthene ...	15.966	2958652	19.952 ug/ml
17) T Bnezo[k]fluoranthene ...	15.997	3360100	20.335 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.344	2863669	20.359 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.710	2517662	22.858 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	3648065	25.198 ug/ml
21) T Benzo[g,h,i]perylene ...	17.959	3078804	23.198 ug/ml

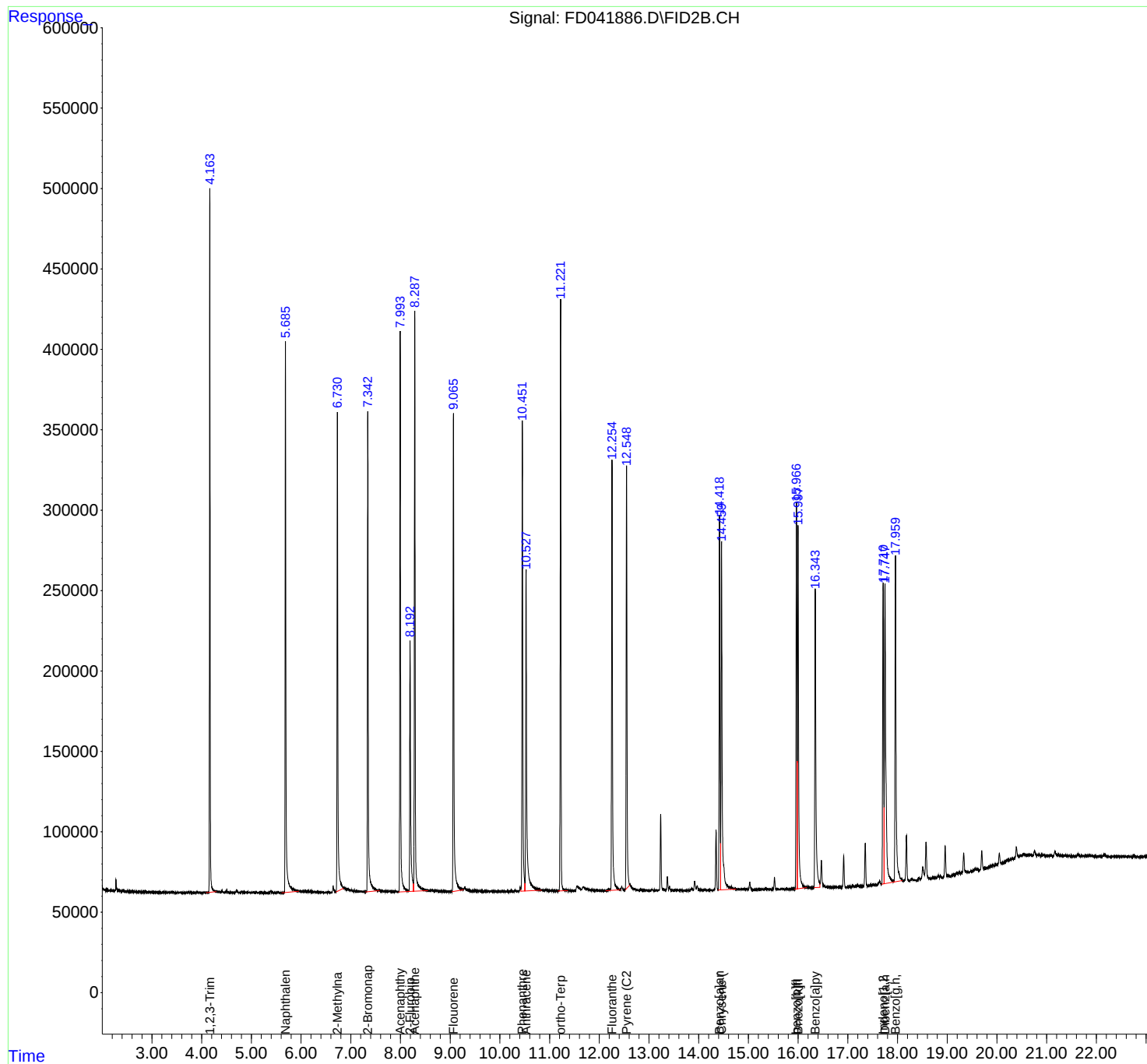
(f)=RT Delta > 1/2 Window

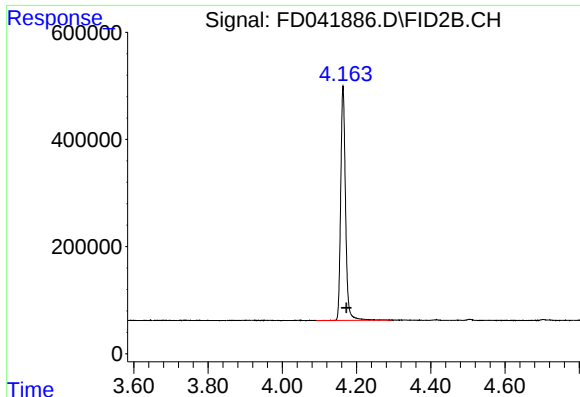
(m)=manual int.

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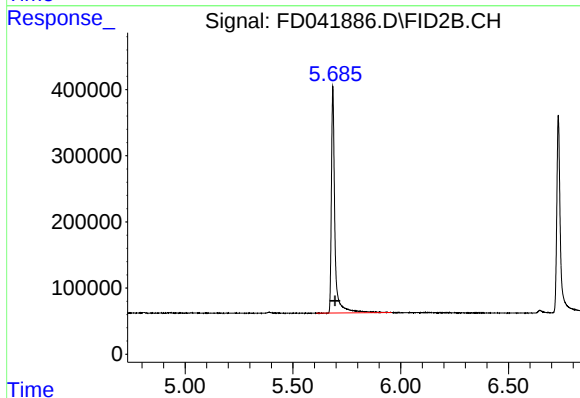
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





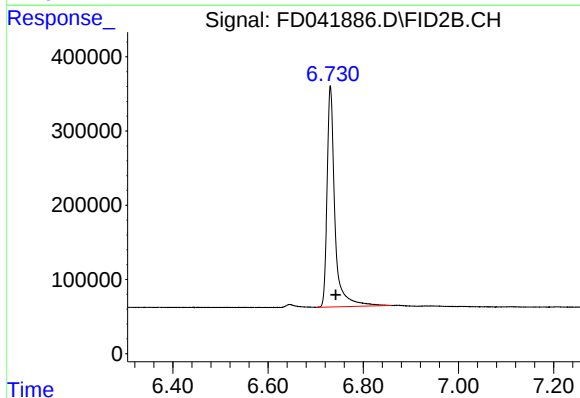
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.164 min
Delta R.T.: -0.009 min
Response: 3932271
Conc: 22.45 ug/ml



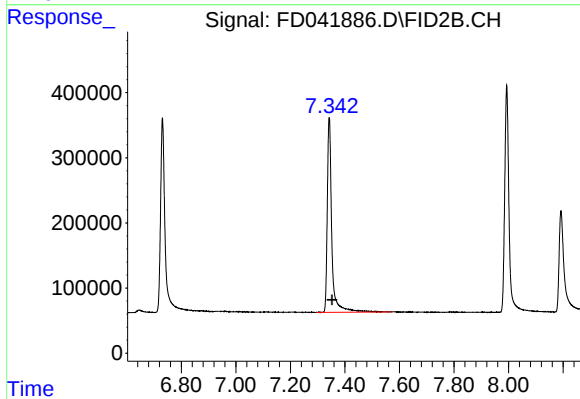
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.011 min
Response: 3889882
Conc: 22.05 ug/ml



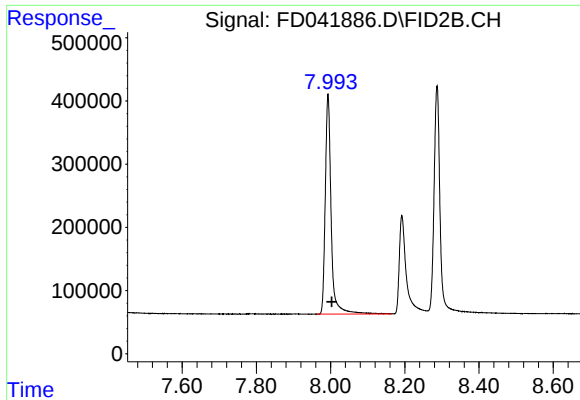
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.011 min
Response: 3400890
Conc: 21.26 ug/ml



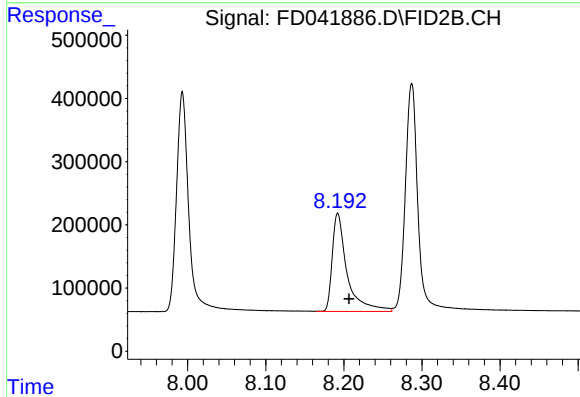
#4 2-Bromonaphthalene (SURR)

R.T.: 7.343 min
Delta R.T.: -0.010 min
Response: 3453371
Conc: 21.53 ug/ml



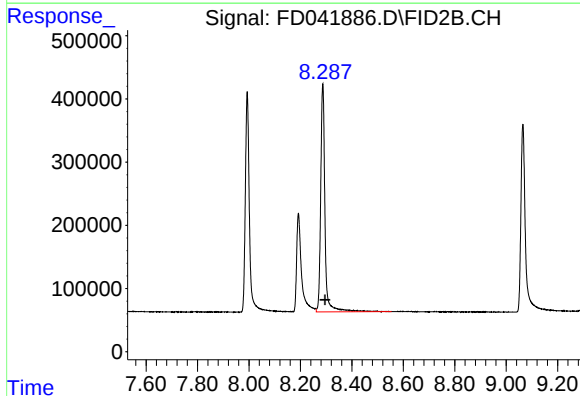
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: -0.010 min
Response: 3849489
Conc: 20.80 ug/ml



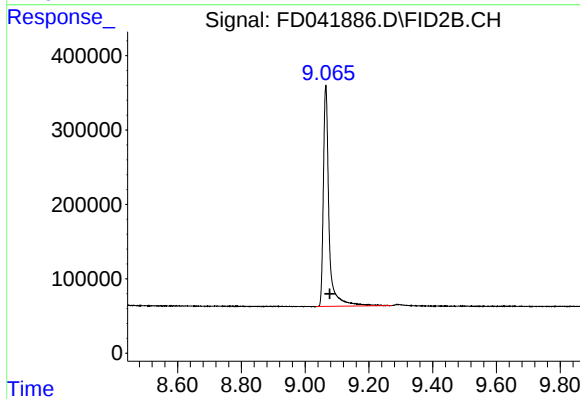
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.014 min
Response: 2054016
Conc: 20.79 ug/ml



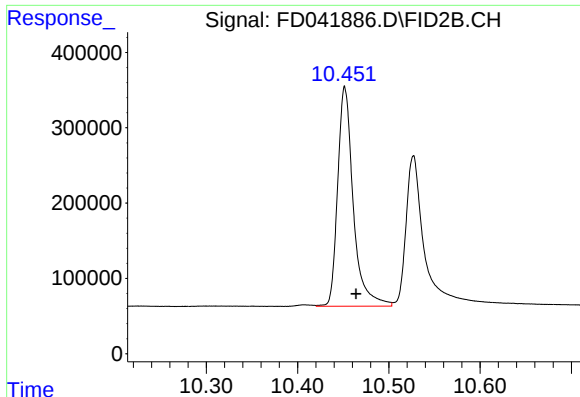
#7 Acenaphthene (C15.5)

R.T.: 8.287 min
Delta R.T.: -0.008 min
Response: 4164629
Conc: 21.69 ug/ml



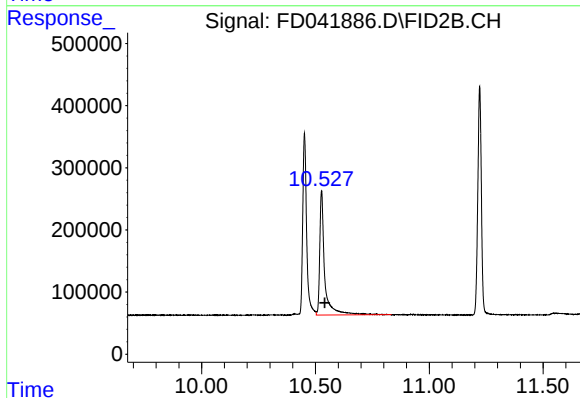
#8 Flouorene (C16.55)

R.T.: 9.065 min
Delta R.T.: -0.012 min
Response: 3695648
Conc: 20.95 ug/ml



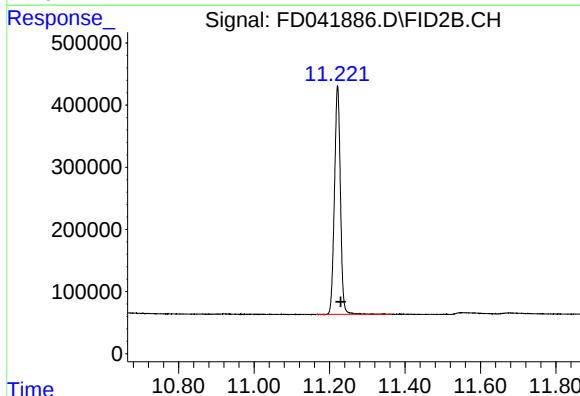
#9 Phenanthrene (C19.36)

R.T.: 10.452 min
Delta R.T.: -0.012 min
Response: 3464516
Conc: 19.86 ug/ml



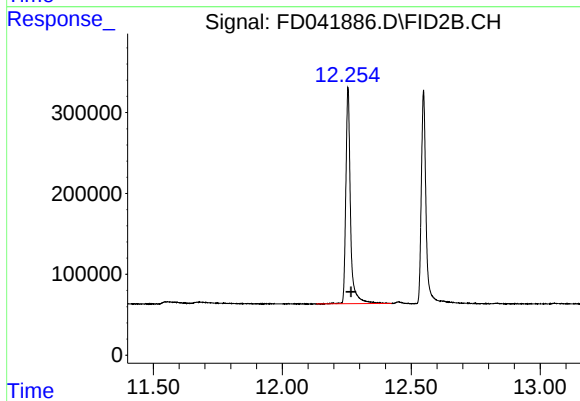
#10 Anthracene (C19.43)

R.T.: 10.527 min
Delta R.T.: -0.013 min
Response: 3033881
Conc: 16.67 ug/ml



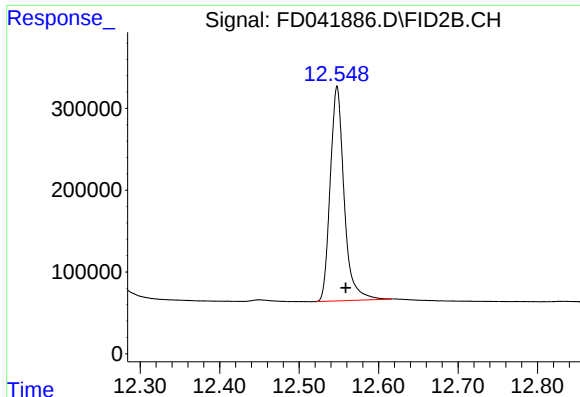
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.009 min
Response: 4041492
Conc: 20.79 ug/ml



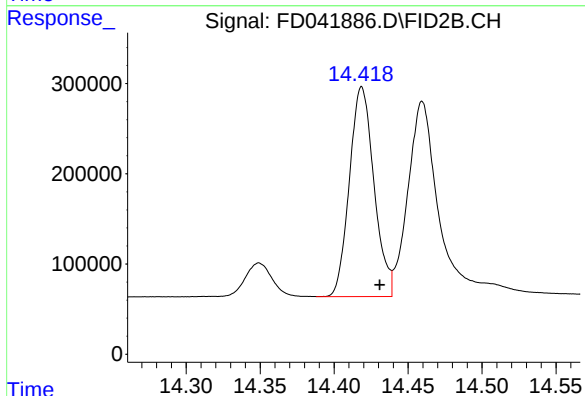
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: -0.011 min
Response: 3369357
Conc: 19.09 ug/ml



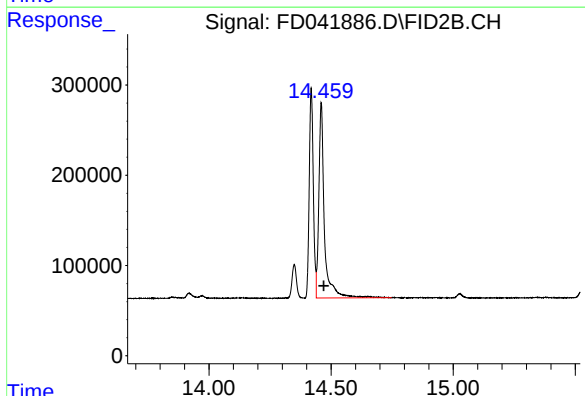
#13 Pyrene (C20.8)

R.T.: 12.548 min
Delta R.T.: -0.011 min
Response: 3190018
Conc: 18.87 ug/ml



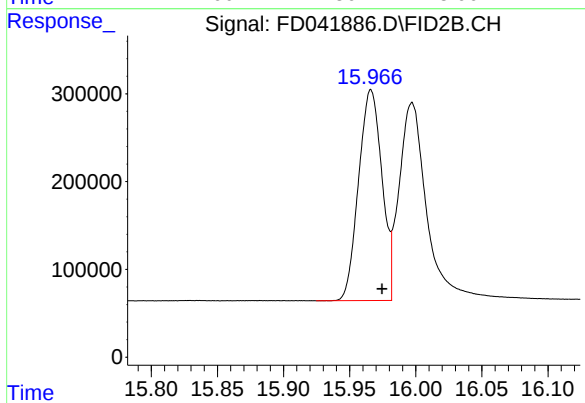
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.012 min
Response: 2686630
Conc: 17.97 ug/ml



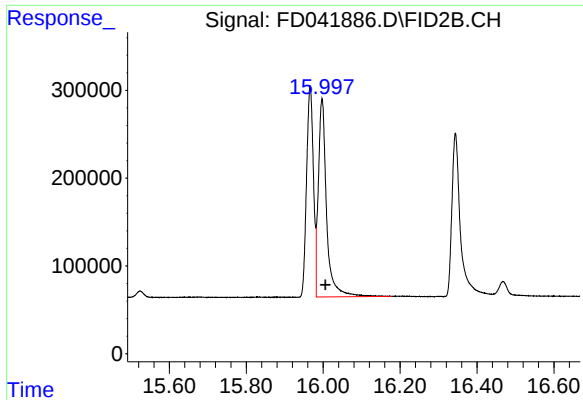
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: -0.010 min
Response: 3457716
Conc: 19.21 ug/ml



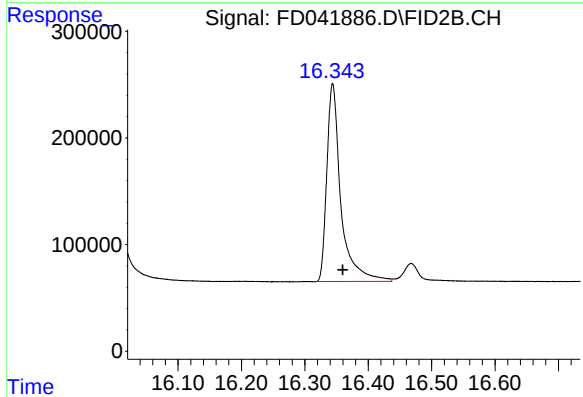
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.966 min
Delta R.T.: -0.008 min
Response: 2958652
Conc: 19.95 ug/ml



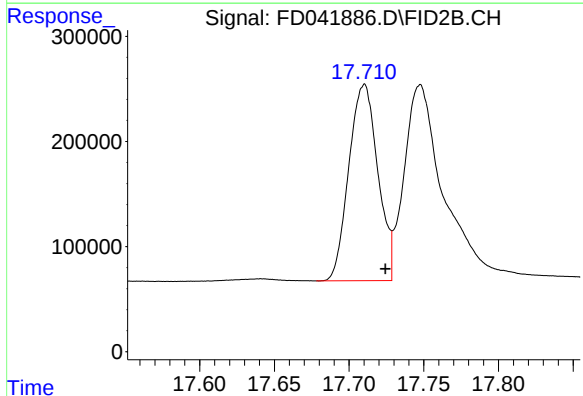
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.997 min
Delta R.T.: -0.009 min
Response: 3360100
Conc: 20.33 ug/ml



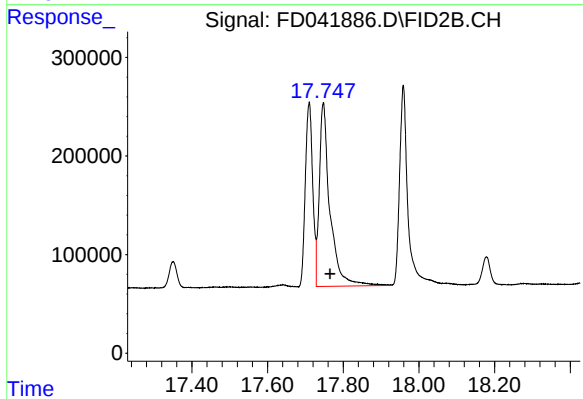
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.016 min
Response: 2863669
Conc: 20.36 ug/ml



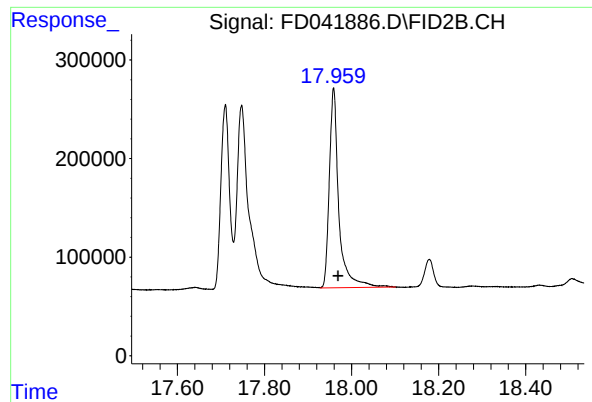
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.710 min
Delta R.T.: -0.015 min
Response: 2517662
Conc: 22.86 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.017 min
Response: 3648065
Conc: 25.20 ug/ml



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

R.T.: 17.959 min
Delta R.T.: -0.011 min
Response: 3078804
Conc: 23.20 ug/ml